LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Title : SVOA CALIBRATION

Signal : TIC: BP006612.D

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.675 | 96 | 100 | 113 | rBV | 386916 | 596823 | 12.29% | 0.479% |
| 2 | 6.922 | 641 | 652 | 658 | rVV | 778383 | 1399152 | 28.81% | 1.122% |
| 3 | 7.087 | 675 | 680 | 692 | rVB | 634894 | 1076483 | 22.16% | 0.863% |
| 4 | 7.281 | 707 | 713 | 724 | rVV | 800059 | 1279147 | 26.34% | 1.026% |
| 5 | 7.746 | 783 | 792 | 798 | rBV | 886269 | 1566202 | 32.25% | 1.256% |
| 6 | 8.457 | 907 | 913 | 919 | rVV | 760279 | 1226413 | 25.25% | 0.983% |
| 7 | 8.904 | 982 | 989 | 996 | rVV | 824855 | 1407757 | 28.98% | 1.129% |
| 8 | 8.969 | 996 | 1000 | 1009 | rVB | 228473 | 357608 | 7.36% | 0.287% |
| 9 | 9.622 | 1103 | 1111 | 1116 | rBV | 694781 | 1165166 | 23.99% | 0.934% |
| 10 | 10.157 | 1191 | 1202 | 1211 | rVB | 906542 | 1608030 | 33.11% | 1.289% |
| 11 | 10.322 | 1222 | 1230 | 1238 | rBV | 279284 | 489334 | 10.07% | 0.392% |
| 12 | 10.528 | 1256 | 1265 | 1271 | rBV | 1386322 | 2689757 | 55.38% | 2.157% |
| 13 | 10.581 | 1271 | 1274 | 1280 | rVV | 176466 | 272747 | 5.62% | 0.219% |
| 14 | 10.675 | 1280 | 1290 | 1301 | rVB2 | 396346 | 1028388 | 21.17% | 0.825% |
| 15 | 11.563 | 1436 | 1441 | 1446 | rBV | 325575 | 519806 | 10.70% | 0.417% |
| 16 | 11.963 | 1504 | 1509 | 1519 | rVV | 424616 | 646623 | 13.31% | 0.519% |
| 17 | 12.193 | 1540 | 1548 | 1557 | rVB2 | 298261 | 556883 | 11.47% | 0.447% |
| 18 | 12.416 | 1579 | 1586 | 1591 | rBV | 215085 | 328045 | 6.75% | 0.263% |
| 19 | 12.922 | 1668 | 1672 | 1677 | rVB | 195813 | 277322 | 5.71% | 0.222% |
| 20 | 13.216 | 1714 | 1722 | 1728 | rBV | 637648 | 901351 | 18.56% | 0.723% |
| 21 | 13.704 | 1800 | 1805 | 1809 | rVV | 416466 | 659009 | 13.57% | 0.528% |
| 22 | 13.757 | 1809 | 1814 | 1817 | rVV | 289425 | 430157 | 8.86% | 0.345% |
| 23 | 13.804 | 1817 | 1822 | 1827 | rVV | 1732279 | 2433086 | 50.09% | 1.951% |
| 24 | 13.875 | 1827 | 1834 | 1838 | rVV2 | 263944 | 388168 | 7.99% | 0.311% |
| 25 | 13.940 | 1838 | 1845 | 1849 | rVV2 | 177611 | 363707 | 7.49% | 0.292% |
| 26 | 14.075 | 1862 | 1868 | 1880 | rVB | 1917534 | 3100863 | 63.84% | 2.487% |
| 27 | 14.292 | 1899 | 1905 | 1910 | rVB | 735294 | 943051 | 19.42% | 0.756% |
| 28 | 14.381 | 1910 | 1920 | 1927 | rBV | 1943380 | 3198978 | 65.86% | 2.565% |
| 29 | 14.598 | 1951 | 1957 | 1960 | rBV | 516960 | 849513 | 17.49% | 0.681% |
| 30 | 14.639 | 1960 | 1964 | 1977 | rVV | 1675821 | 2841379 | 58.50% | 2.278% |
| 31 | 14.787 | 1985 | 1989 | 1996 | rVV3 | 392217 | 702127 | 14.46% | 0.563% |
| 32 | 14.863 | 1996 | 2002 | 2006 | rVV | 266293 | 400772 | 8.25% | 0.321% |
| 33 | 15.004 | 2019 | 2026 | 2031 | rBV2 | 247247 | 457117 | 9.41% | 0.367% |
| 34 | 15.057 | 2031 | 2035 | 2039 | rVB | 257079 | 345463 | 7.11% | 0.277% |
| 35 | 15.175 | 2049 | 2055 | 2059 | rBV | 237608 | 404792 | 8.33% | 0.325% |
| 36 | 15.251 | 2063 | 2068 | 2072 | rVB | 760356 | 980001 | 20.18% | 0.786% |

LSC Area Percent Report

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Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.381 | 2082 | 2090 | 2095 | rVV | 2335713 | 3569577 | 73.49% | 2.862% |
| 38 | 15.510 | 2103 | 2112 | 2117 | rBV3 | 429055 | 762173 | 15.69% | 0.611% |
| 39 | 15.728 | 2142 | 2149 | 2157 | rVB3 | 234620 | 477259 | 9.83% | 0.383% |
| 40 | 15.875 | 2167 | 2174 | 2183 | rVB6 | 182123 | 507429 | 10.45% | 0.407% |
| 41 | 15.963 | 2183 | 2189 | 2196 | rVB4 | 152317 | 297296 | 6.12% | 0.238% |
| 42 | 16.116 | 2210 | 2215 | 2223 | rBV | 1029856 | 1662778 | 34.23% | 1.333% |
| 43 | 16.451 | 2261 | 2272 | 2276 | rBV4 | 153685 | 436806 | 8.99% | 0.350% |
| 44 | 16.675 | 2306 | 2310 | 2313 | rBV2 | 186498 | 276697 | 5.70% | 0.222% |
| 45 | 16.716 | 2314 | 2317 | 2320 | rVV3 | 214553 | 280829 | 5.78% | 0.225% |
| 46 | 16.798 | 2326 | 2331 | 2337 | rBV3 | 329979 | 558270 | 11.49% | 0.448% |
| 47 | 16.869 | 2338 | 2343 | 2347 | rBV | 236283 | 463280 | 9.54% | 0.371% |
| 48 | 16.910 | 2347 | 2350 | 2355 | rVB | 846741 | 1065765 | 21.94% | 0.855% |
| 49 | 16.963 | 2355 | 2359 | 2367 | rVB4 | 219206 | 405273 | 8.34% | 0.325% |
| 50 | 17.057 | 2370 | 2375 | 2382 | rBV | 237910 | 347598 | 7.16% | 0.279% |
| 51 | 17.139 | 2382 | 2389 | 2393 | rBV | 2138391 | 3331623 | 68.59% | 2.672% |
| 52 | 17.181 | 2393 | 2396 | 2401 | rVB | 1115190 | 1432834 | 29.50% | 1.149% |
| 53 | 17.239 | 2401 | 2406 | 2411 | rBV | 2434342 | 3349668 | 68.96% | 2.686% |
| 54 | 17.333 | 2417 | 2422 | 2427 | rBV3 | 218590 | 412622 | 8.50% | 0.331% |
| 55 | 17.457 | 2439 | 2443 | 2450 | rVB2 | 341176 | 515150 | 10.61% | 0.413% |
| 56 | 17.581 | 2462 | 2464 | 2472 | rVV3 | 114852 | 286161 | 5.89% | 0.229% |
| 57 | 17.657 | 2473 | 2477 | 2481 | rVV | 823722 | 991200 | 20.41% | 0.795% |
| 58 | 17.722 | 2485 | 2488 | 2493 | rVB2 | 218976 | 285412 | 5.88% | 0.229% |
| 59 | 17.933 | 2520 | 2524 | 2528 | rVV2 | 262352 | 349023 | 7.19% | 0.280% |
| 60 | 18.016 | 2530 | 2538 | 2540 | rVV2 | 552062 | 1058515 | 21.79% | 0.849% |
| 61 | 18.051 | 2540 | 2544 | 2553 | rVB2 | 1806723 | 2790324 | 57.45% | 2.238% |
| 62 | 18.192 | 2564 | 2568 | 2572 | rBV2 | 706573 | 937200 | 19.30% | 0.752% |
| 63 | 18.233 | 2572 | 2575 | 2582 | rVB | 517392 | 708039 | 14.58% | 0.568% |
| 64 | 18.333 | 2586 | 2592 | 2599 | rBV2 | 1028699 | 1631283 | 33.59% | 1.308% |
| 65 | 18.392 | 2599 | 2602 | 2607 | rVB2 | 190678 | 271106 | 5.58% | 0.217% |
| 66 | 18.504 | 2616 | 2621 | 2624 | rBV2 | 553855 | 741747 | 15.27% | 0.595% |
| 67 | 18.539 | 2624 | 2627 | 2637 | rVB6 | 191235 | 437116 | 9.00% | 0.351% |
| 68 | 18.786 | 2665 | 2669 | 2672 | rVV | 277035 | 357768 | 7.37% | 0.287% |
| 69 | 18.822 | 2672 | 2675 | 2679 | rVB | 230355 | 299615 | 6.17% | 0.240% |
| 70 | 18.904 | 2684 | 2689 | 2693 | rVV | 805714 | 1203024 | 24.77% | 0.965% |
| 71 | 18.945 | 2693 | 2696 | 2701 | rVV2 | 1045246 | 1398836 | 28.80% | 1.122% |
| 72 | 18.992 | 2701 | 2704 | 2708 | rVV | 336462 | 428422 | 8.82% | 0.344% |
| 73 | 19.039 | 2708 | 2712 | 2720 | rVB | 295372 | 622620 | 12.82% | 0.499% |
| 74 | 19.157 | 2728 | 2732 | 2737 | rBV2 | 1820622 | 2461009 | 50.67% | 1.973% |
| 75 | 19.227 | 2740 | 2744 | 2747 | rBV | 260255 | 278445 | 5.73% | 0.223% |
| 76 | 19.486 | 2783 | 2788 | 2790 | rVV | 2868487 | 3956161 | 81.45% | 3.172% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.510 | 2790 | 2792 | 2801 | rVV2 | 2014746 | 2689848 | 55.38% | 2.157% |
| 78 | 19.586 | 2801 | 2805 | 2811 | rVB2 | 400787 | 642634 | 13.23% | 0.515% |
| 79 | 19.827 | 2842 | 2846 | 2857 | rVV5 | 359397 | 883201 | 18.18% | 0.708% |
| 80 | 19.951 | 2864 | 2867 | 2871 | rVV | 285805 | 546017 | 11.24% | 0.438% |
| 81 | 19.998 | 2872 | 2875 | 2877 | rVV2 | 439352 | 572360 | 11.78% | 0.459% |
| 82 | 20.027 | 2877 | 2880 | 2884 | rVB | 755120 | 789909 | 16.26% | 0.633% |
| 83 | 20.333 | 2930 | 2932 | 2937 | rVB2 | 245492 | 304511 | 6.27% | 0.244% |
| 84 | 20.510 | 2959 | 2962 | 2966 | rBV | 551667 | 667902 | 13.75% | 0.536% |
| 85 | 20.733 | 2996 | 3000 | 3005 | rVB | 604946 | 826205 | 17.01% | 0.663% |
| 86 | 20.969 | 3036 | 3040 | 3045 | rBV | 1691980 | 2040370 | 42.01% | 1.636% |
| 87 | 21.245 | 3081 | 3087 | 3090 | rBV2 | 2903695 | 4857084 | 100.00% | 3.895% |
| 88 | 21.280 | 3090 | 3093 | 3102 | rVB | 1261397 | 2054010 | 42.29% | 1.647% |
| 89 | 21.404 | 3110 | 3114 | 3118 | rBV3 | 552430 | 821614 | 16.92% | 0.659% |
| 90 | 21.874 | 3187 | 3194 | 3205 | rBV2 | 1437767 | 3784638 | 77.92% | 3.035% |
| 91 | 22.480 | 3293 | 3297 | 3305 | rVB3 | 801057 | 1541741 | 31.74% | 1.236% |
| 92 | 22.586 | 3311 | 3315 | 3324 | rVB4 | 904175 | 1442729 | 29.70% | 1.157% |
| 93 | 22.880 | 3359 | 3365 | 3369 | rBV2 | 1393303 | 2956057 | 60.86% | 2.370% |
| 94 | 22.933 | 3370 | 3374 | 3387 | rVB2 | 1869479 | 3667880 | 75.52% | 2.941% |
| 95 | 23.380 | 3445 | 3450 | 3454 | rBV | 853451 | 1589636 | 32.73% | 1.275% |
| 96 | 23.433 | 3454 | 3459 | 3464 | rVV2 | 1785037 | 3544645 | 72.98% | 2.842% |
| 97 | 23.480 | 3464 | 3467 | 3475 | rVB2 | 1032615 | 2052800 | 42.26% | 1.646% |
| 98 | 23.586 | 3479 | 3485 | 3490 | rBV2 | 1434602 | 2791778 | 57.48% | 2.239% |
| 99 | 23.833 | 3523 | 3527 | 3535 | rVB4 | 740774 | 1363627 | 28.08% | 1.093% |
| 100 | 24.298 | 3600 | 3606 | 3615 | rBV2 | 1206265 | 2738785 | 56.39% | 2.196% |

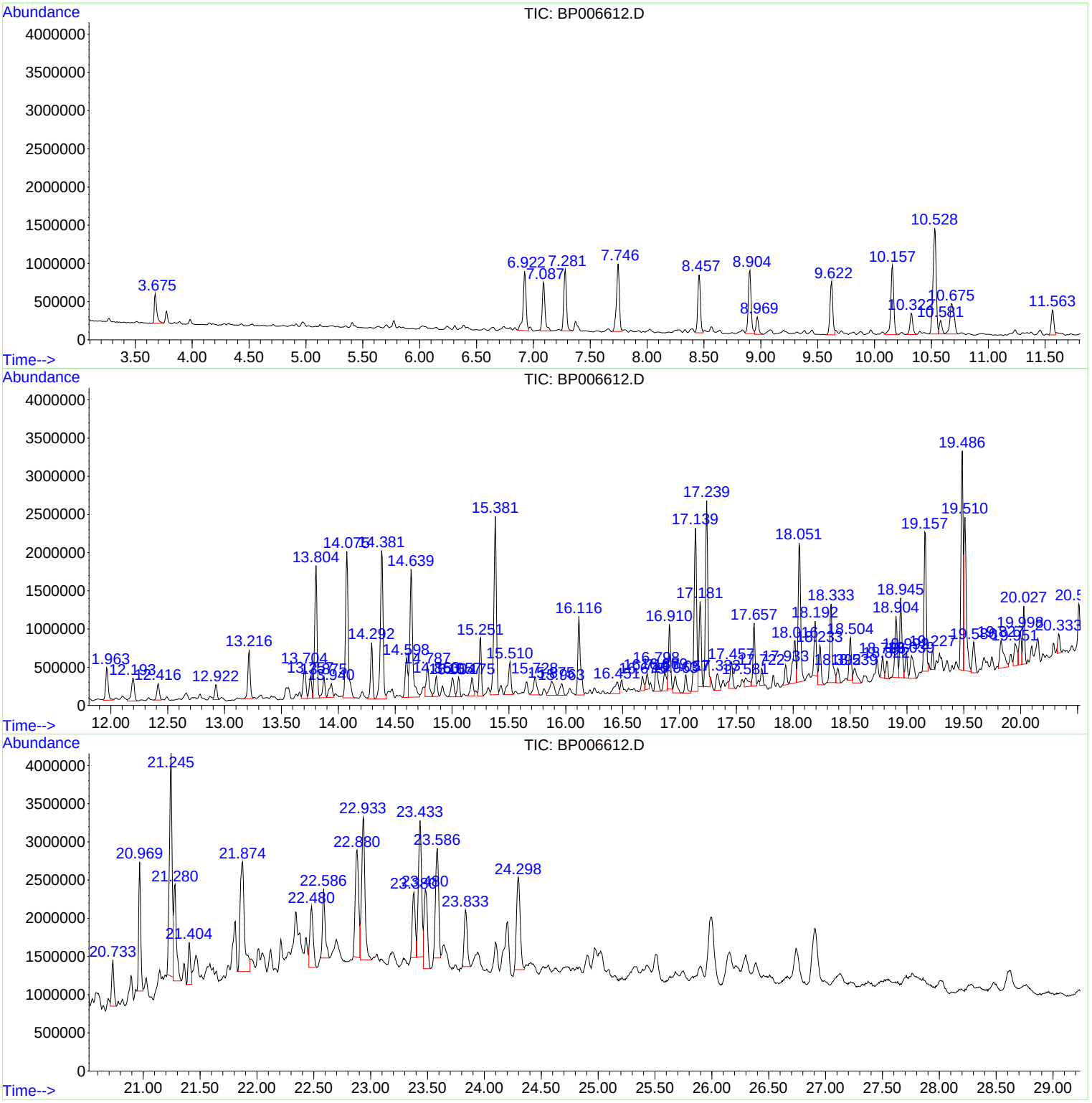
Sum of corrected areas: 124707154

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

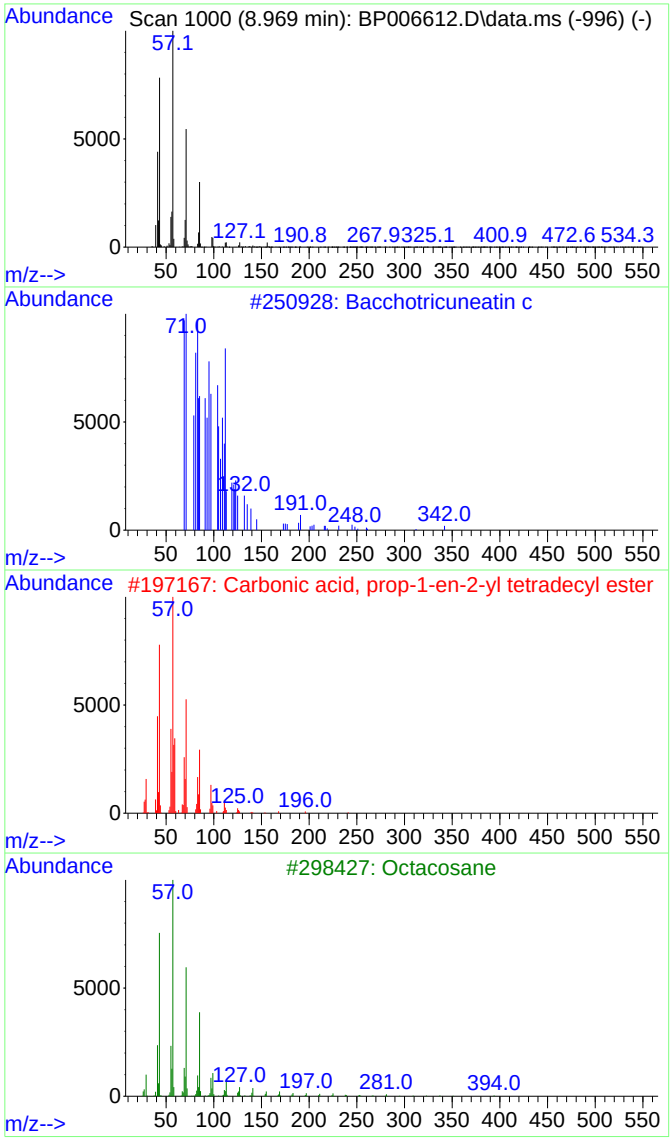
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

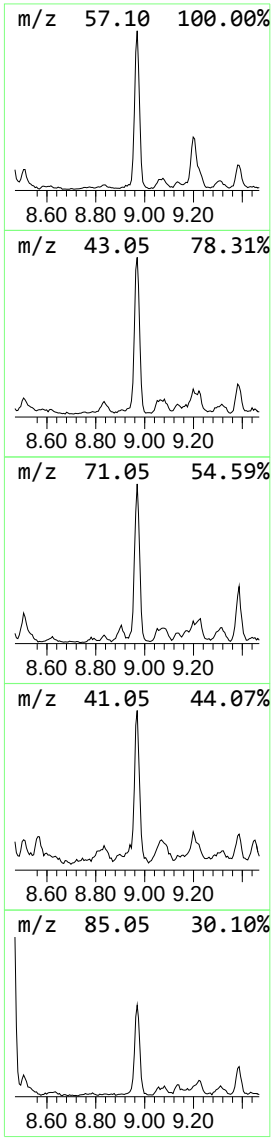
**********

Peak Number 1 Bacchotricuneatin c Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.970 | 4.57 ng/ul | 357608 | 1,4-Dichlorobenzene-d4 | 7.746 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Bacchotricuneatin c | 342 | C20H22O5 | 066563-30-2 | 97 |
| 2 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 87 |
| 5 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

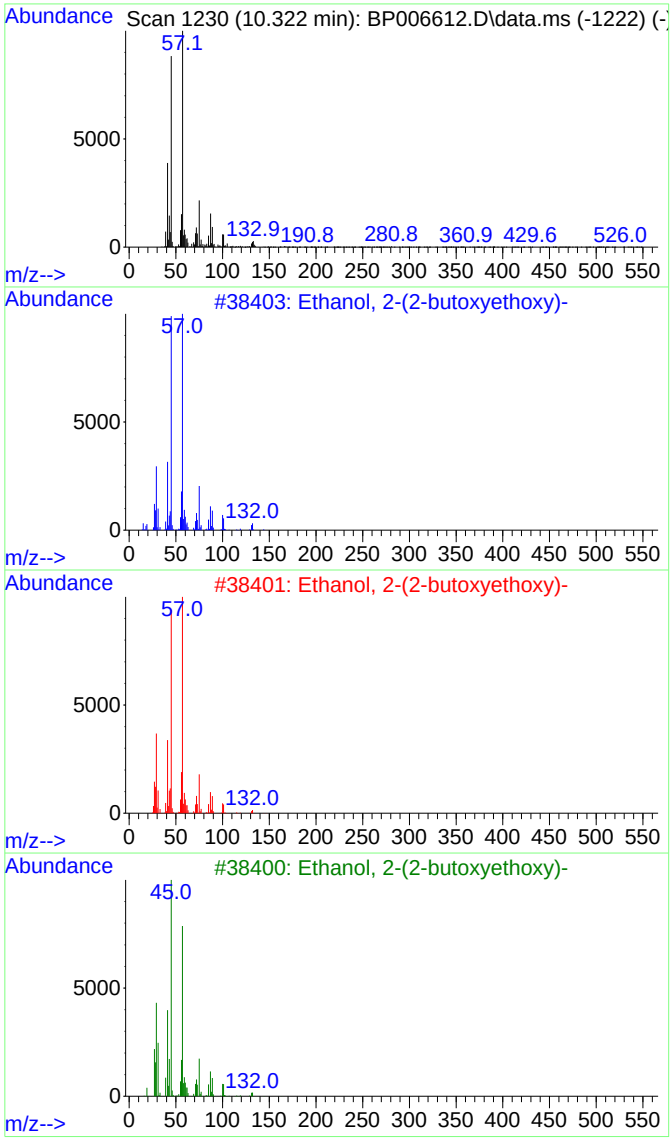
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

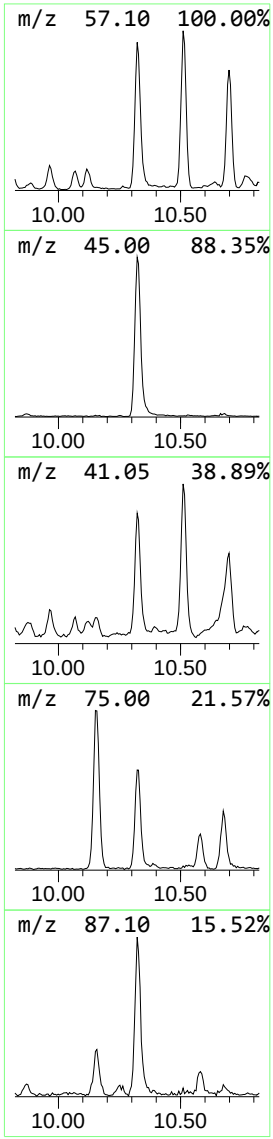
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.320 | 3.64 ng/ul | 489334 | Naphthalene-d8 | 10.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 3 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83 |
| 4 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |
| 5 | Ethylene glycol monoisobutyl ether | 118 | C6H14O2 | 004439-24-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

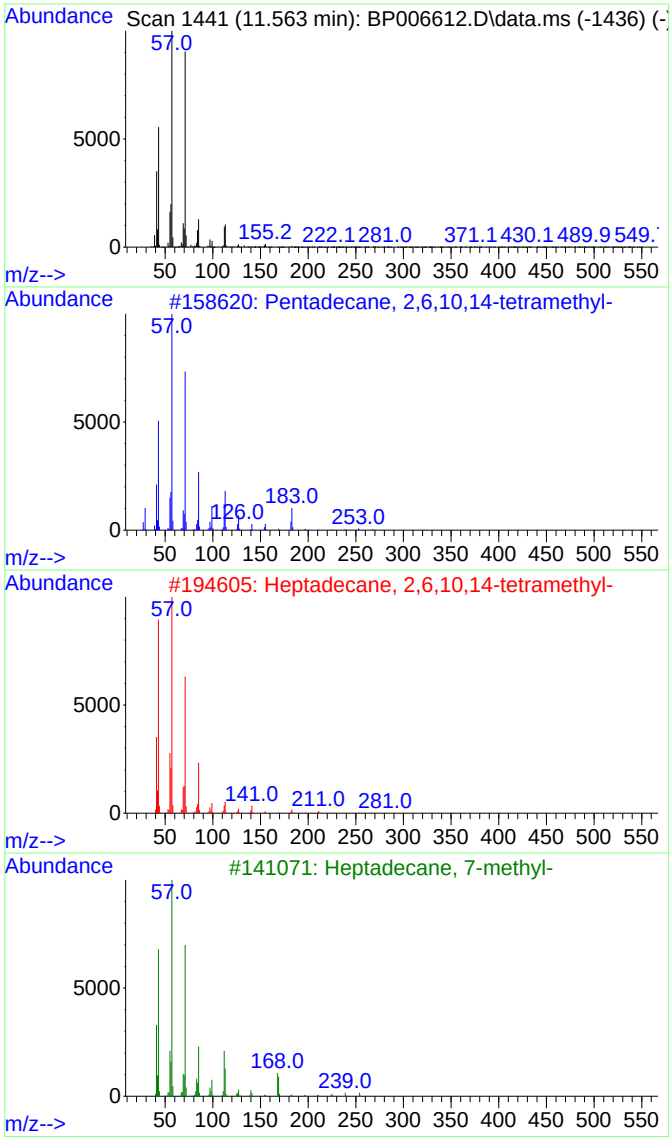
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

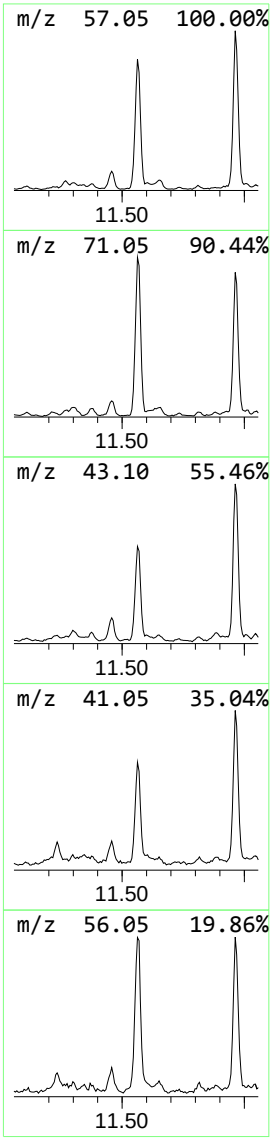
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.560 | 3.87 ng/ul | 519806 | Naphthalene-d8 | 10.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40 | 001921-70-6 | 80 |
| 2 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 74 |
| 3 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 72 |
| 4 | Octane, 3-ethyl- | 142 | C10H22 | 005881-17-4 | 72 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

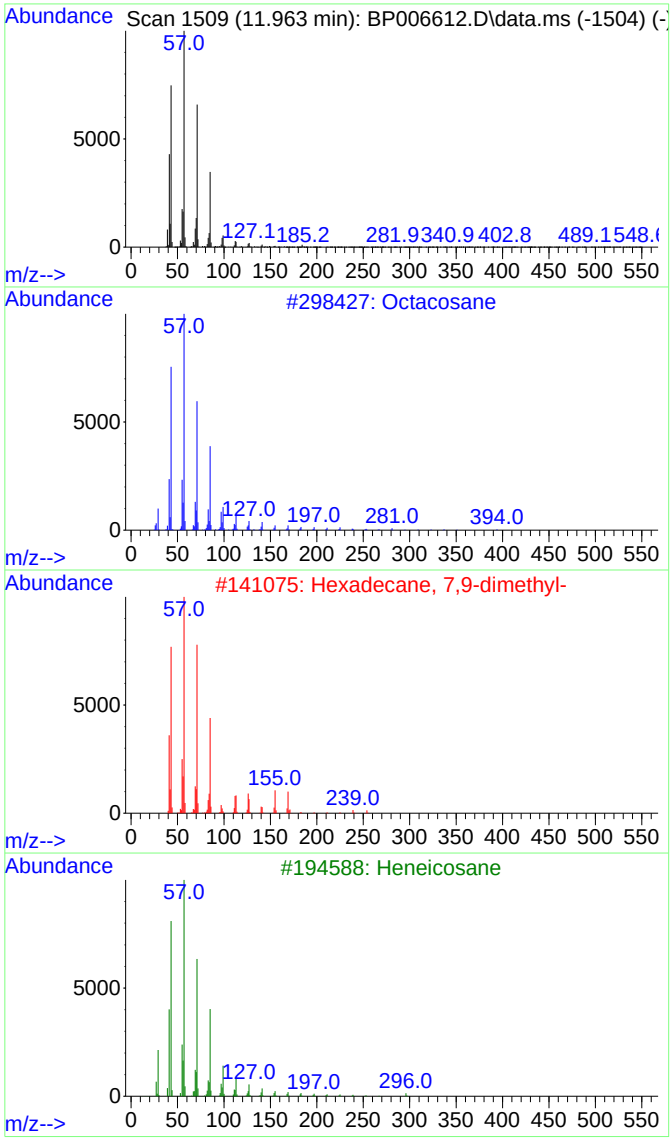
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

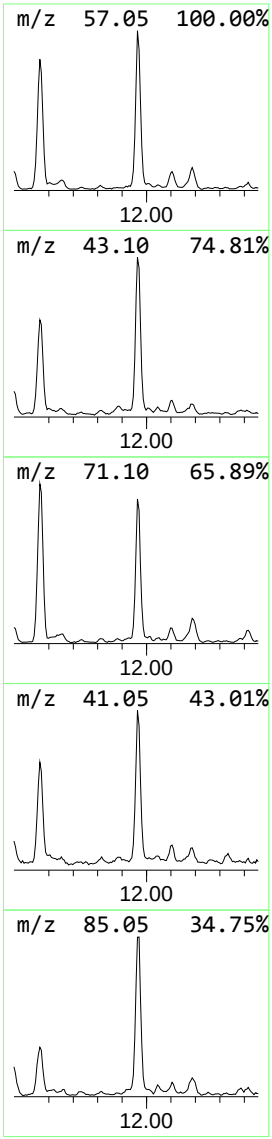
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.960 | 4.81 ng/ul | 646623 | Naphthalene-d8 | 10.534 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 2 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

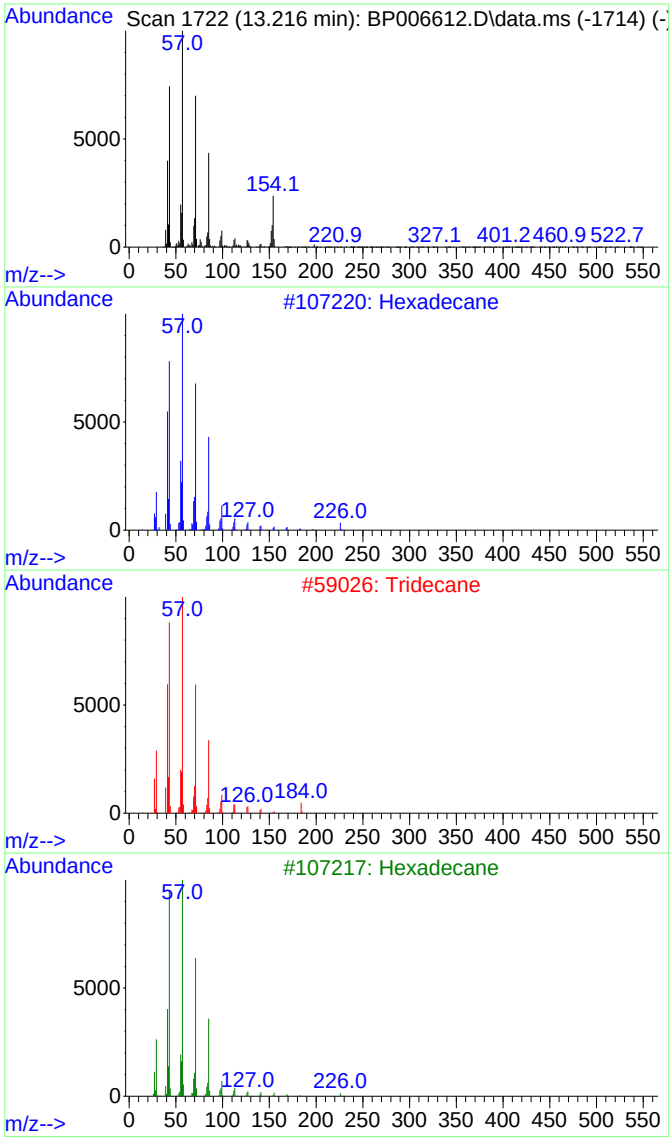
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

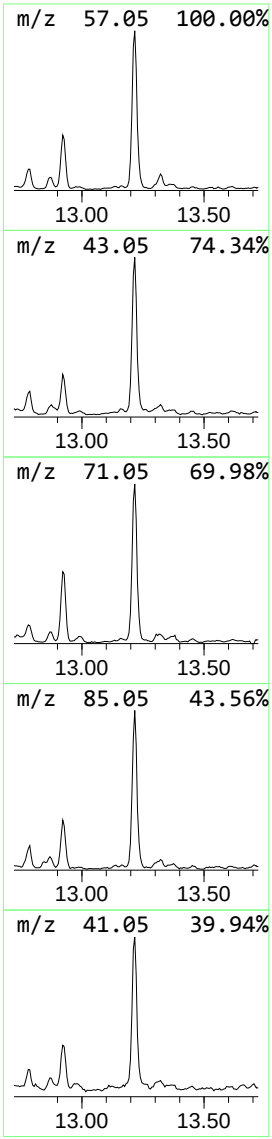
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.220 | 5.64 ng/ul | 901351 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 96 |
| 2 | Tridecane | 184 | C13H28 | 000629-50-5 | 92 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 92 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 89 |
| 5 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

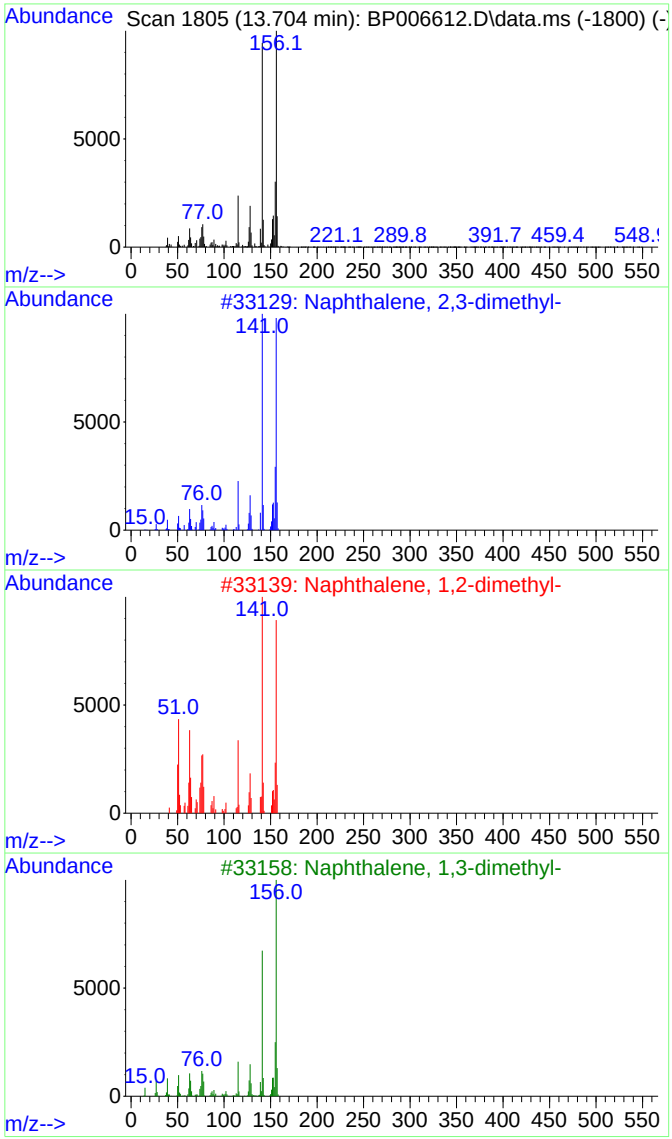
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

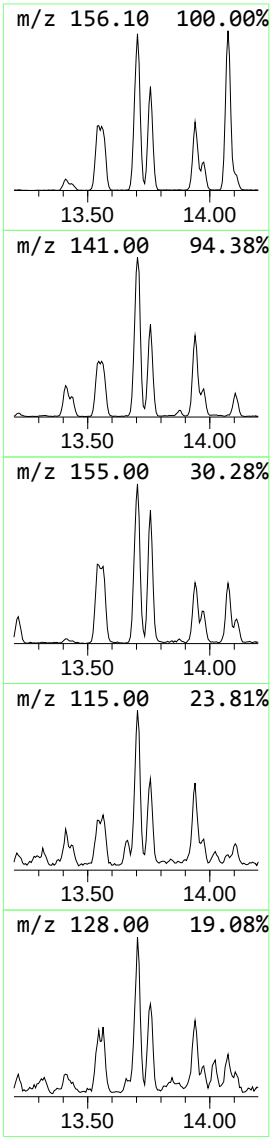
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.700 | 4.12 ng/ul | 659009 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 98 |
| 2 | Naphthalene, 1,2-dimethyl- | 156 | C12H12 | 000573-98-8 | 97 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 4 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 5 | Naphthalene, 1,7-dimethyl- | 156 | C12H12 | 000575-37-1 | 96 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

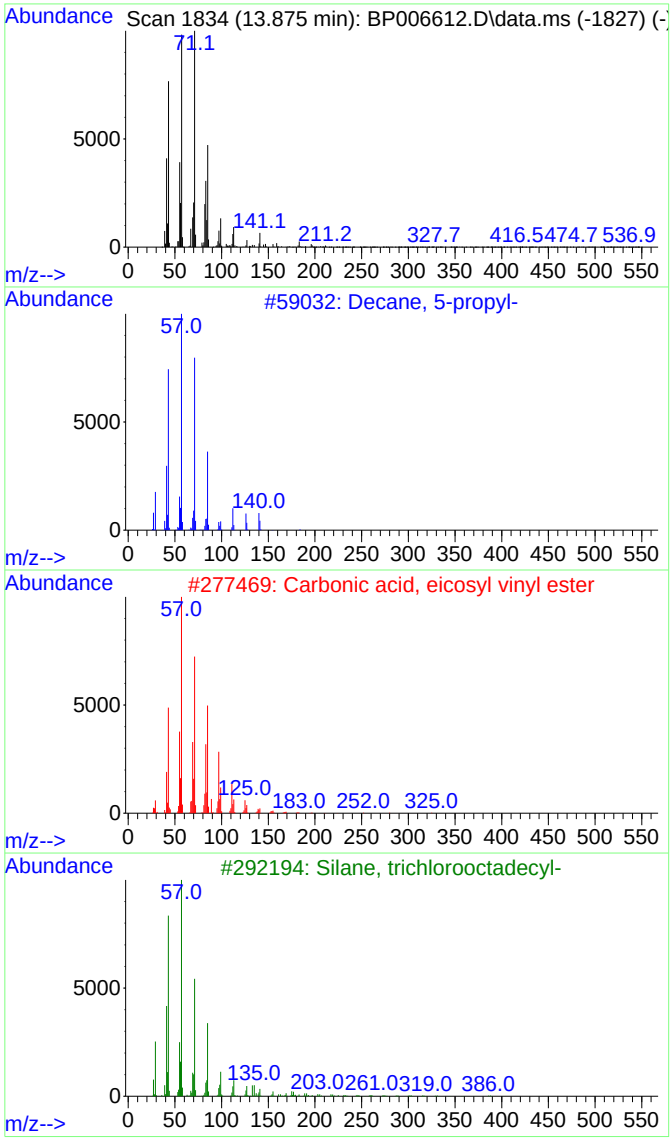
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

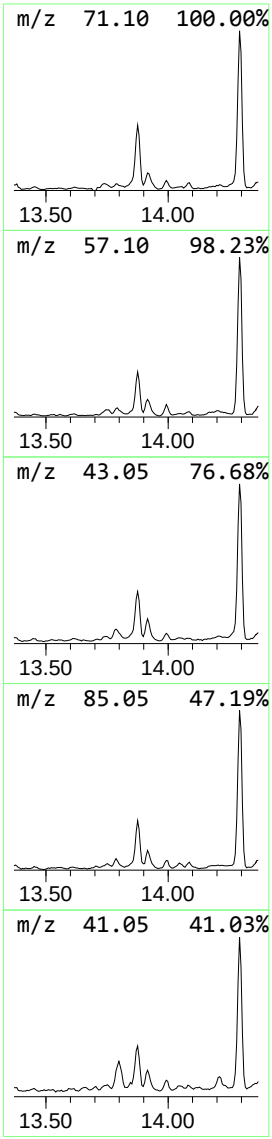
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 48

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.870 | 2.43 ng/ul | 388168 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 5-propyl- | 184 | C13H28 | 017312-62-8 | 64 |
| 2 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 64 |
| 3 | Silane, trichlorooctadecyl- | 386 | C18H37Cl3Si | 000112-04-9 | 60 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 60 |
| 5 | Undecane, 2,6-dimethyl- | 184 | C13H28 | 017301-23-4 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

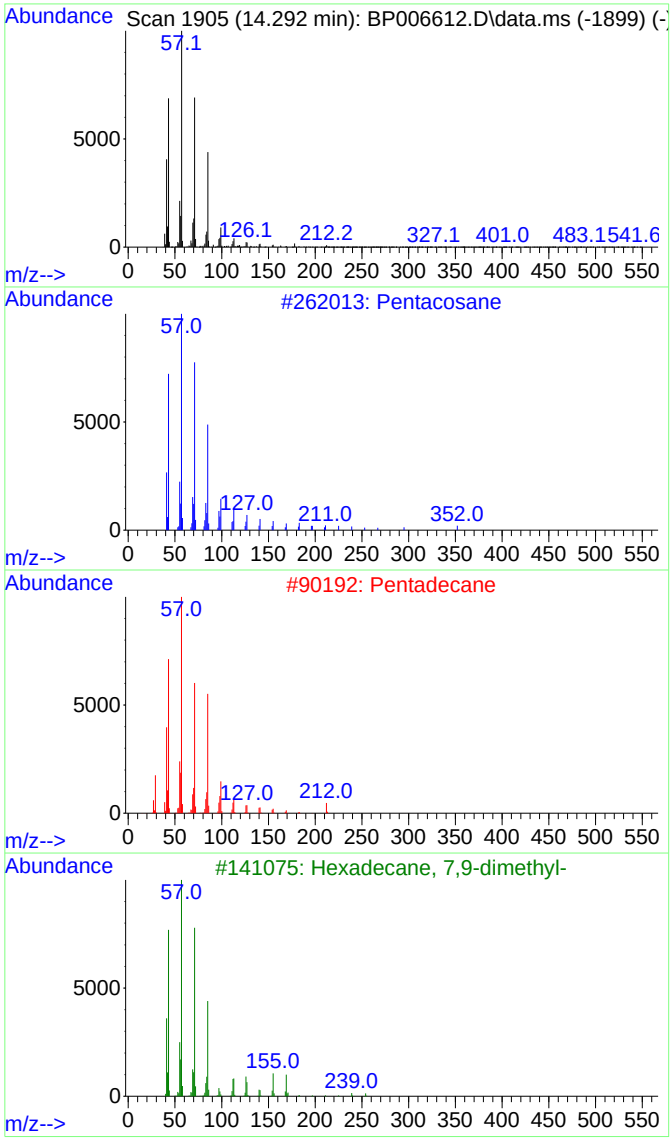
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

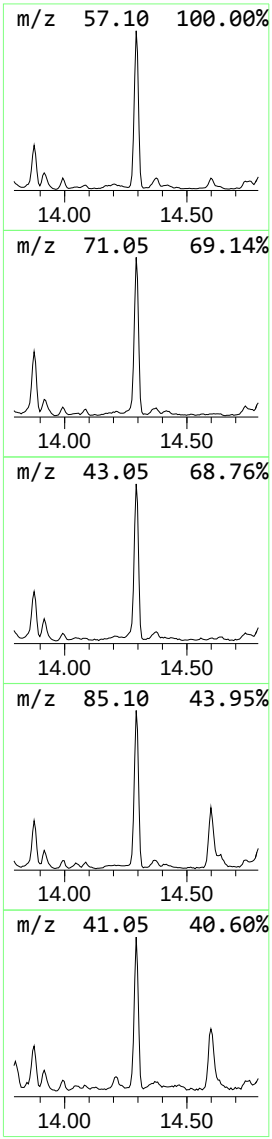
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.290 | 5.90 ng/ul | 943051 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 93 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 3 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 87 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |
| 5 | Dotriacontane | 451 | C32H66 | 000544-85-4 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

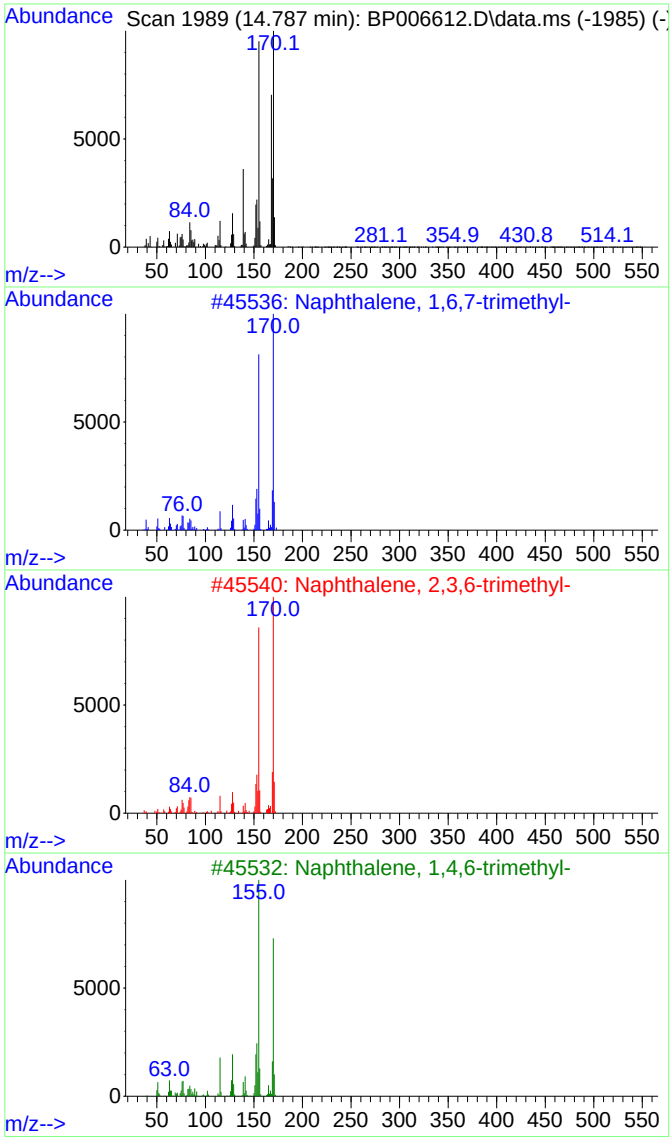
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

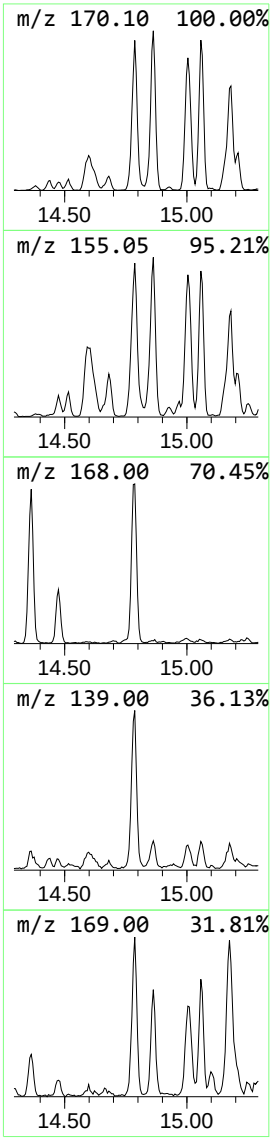
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.790 | 4.39 ng/ul | 702127 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 96 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 94 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 94 |
| 4 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 93 |
| 5 | Naphthalene, 1,6,7-trimethyl- | 170 | C13H14 | 002245-38-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

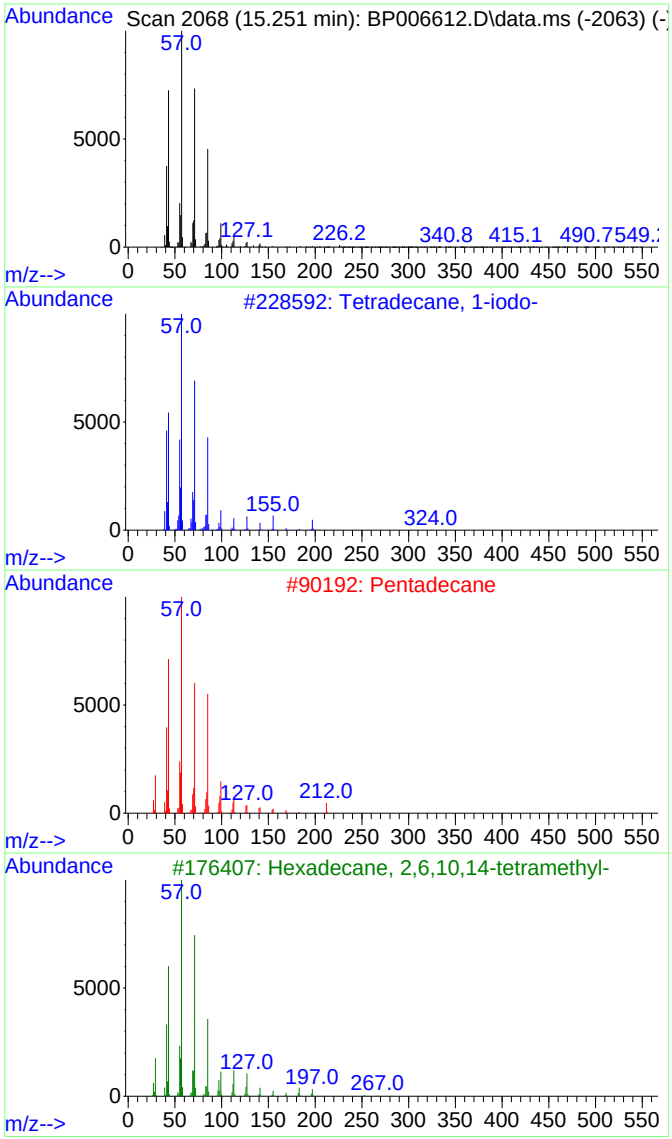
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

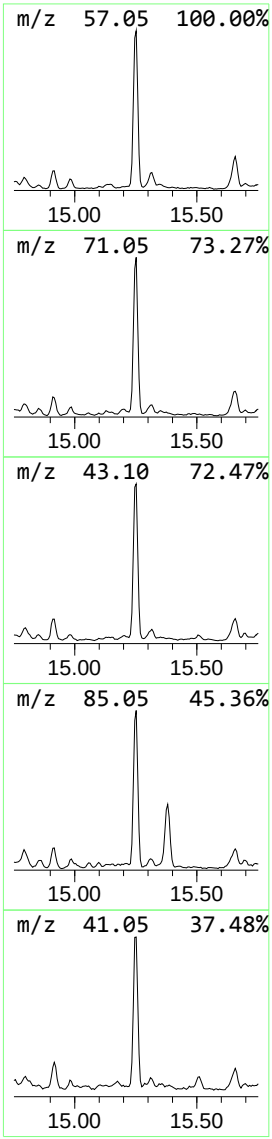
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.250 | 6.13 ng/ul | 980001 | Acenaphthene-d10 | 14.381 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 93 |
| 2 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 91 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 5 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

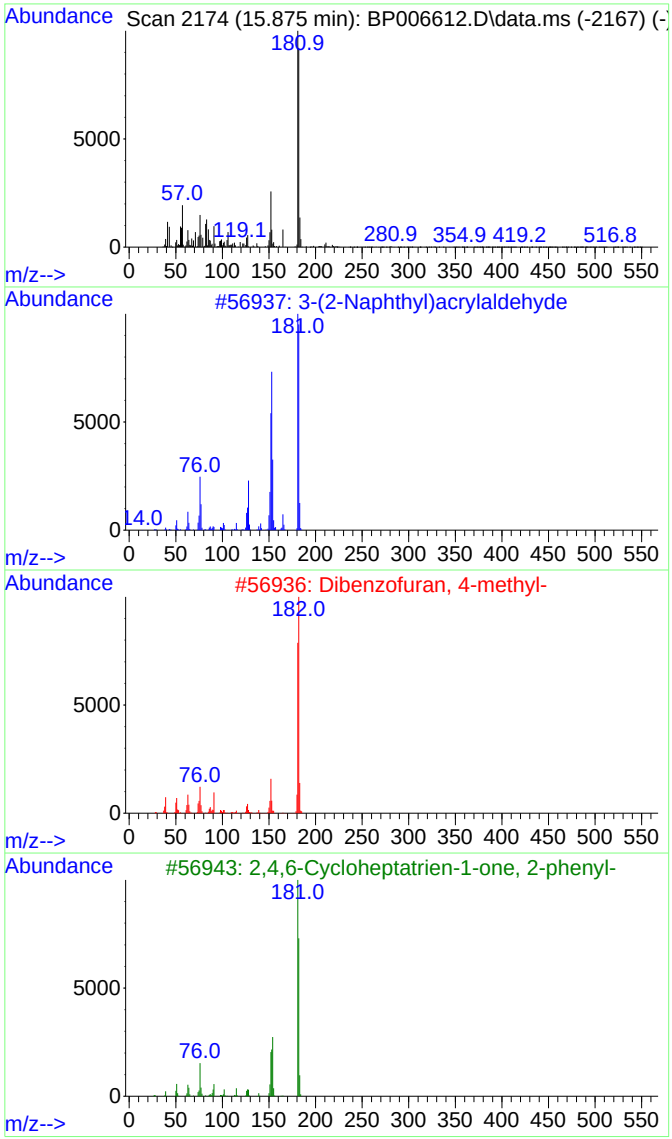
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

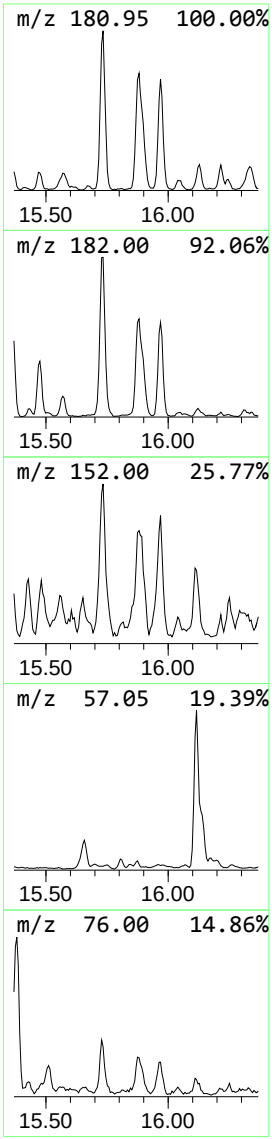
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 3-(2-Naphthyl)acrylaldehyde Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.870 | 3.05 ng/ul | 507429 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-(2-Naphthyl)acrylaldehyde | 182 | C13H10O | 020884-05-3 | 91 |
| 2 | Dibenzofuran, 4-methyl- | 182 | C13H10O | 007320-53-8 | 90 |
| 3 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 87 |
| 4 | 2,4,6-Cycloheptatrien-1-one, 2-p... | 182 | C13H10O | 014562-09-5 | 87 |
| 5 | [1,1'-Biphenyl]-4-carboxaldehyde | 182 | C13H10O | 003218-36-8 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

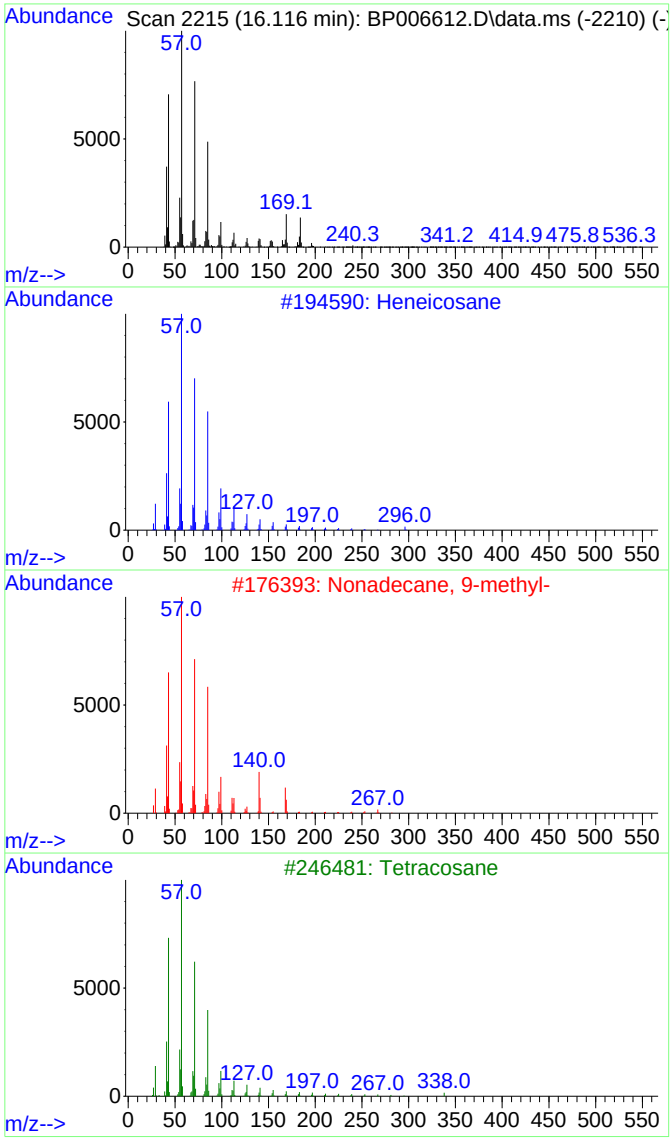
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

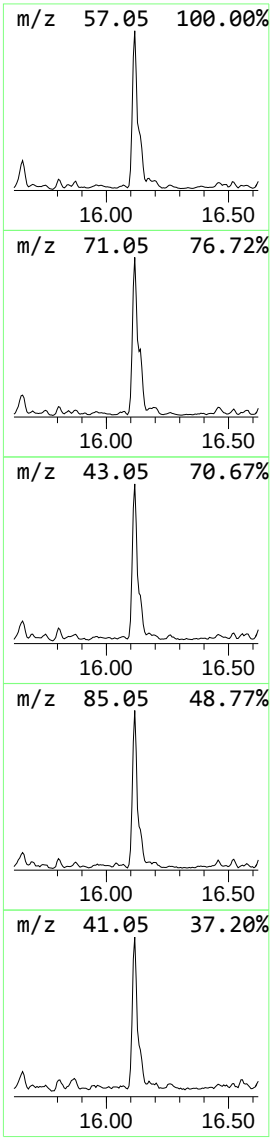
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.120 | 9.98 ng/ul | 1662780 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 92 |
| 2 | Nonadecane, 9-methyl- | 282 | C20H42 | 013287-24-6 | 90 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 83 |
| 5 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

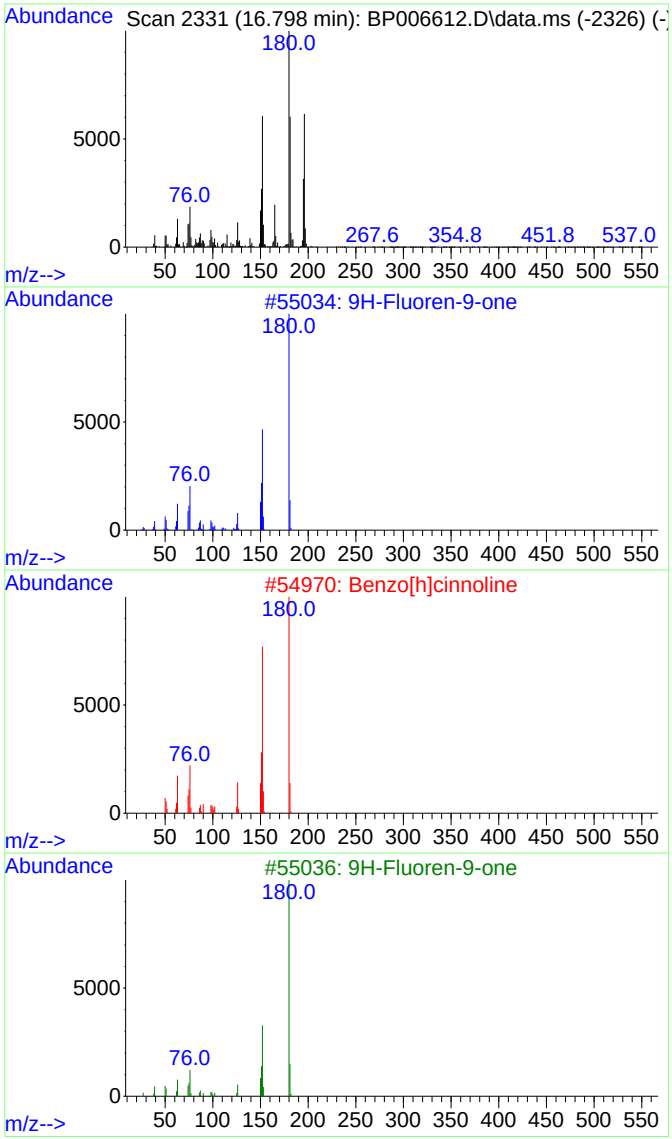
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

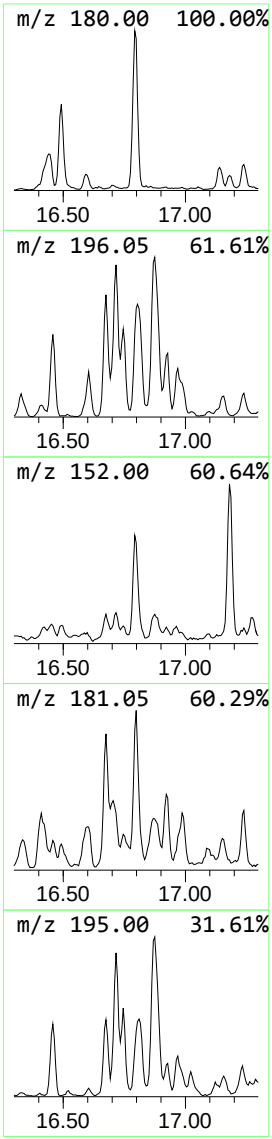
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 9H-Fluoren-9-one Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.800 | 3.35 ng/ul | 558270 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 95 |
| 2 | Benzo[h]cinnoline | 180 | C12H8N2 | 000230-31-9 | 92 |
| 3 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 91 |
| 4 | 9H-Fluoren-9-one | 180 | C13H8O | 000486-25-9 | 87 |
| 5 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

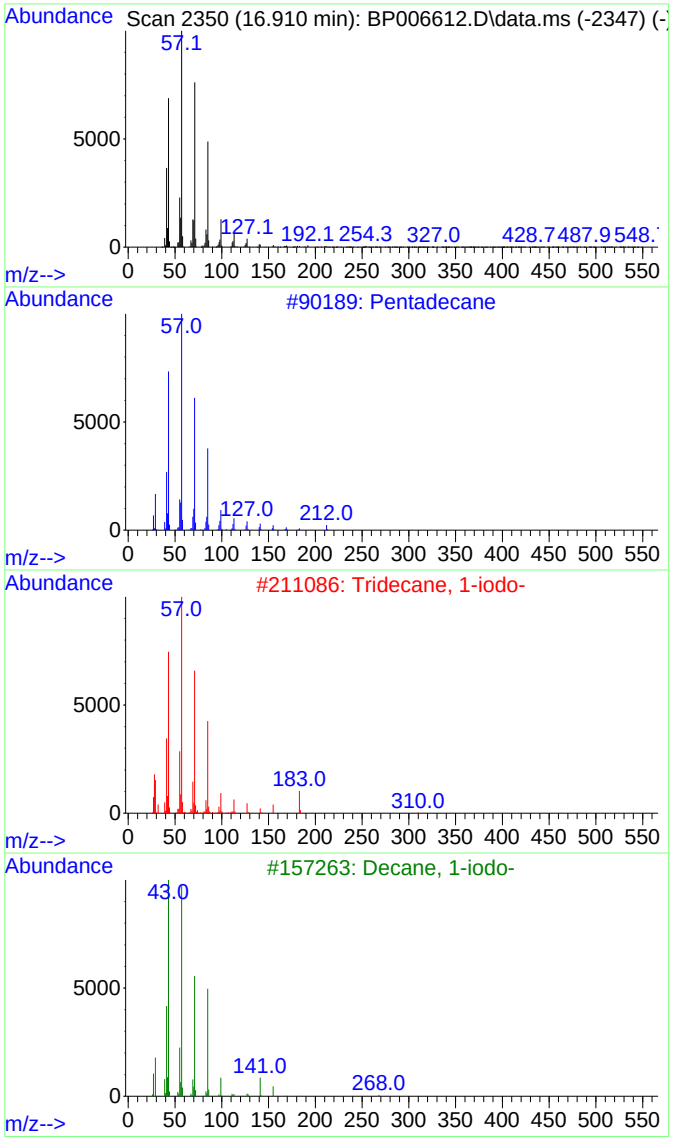
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

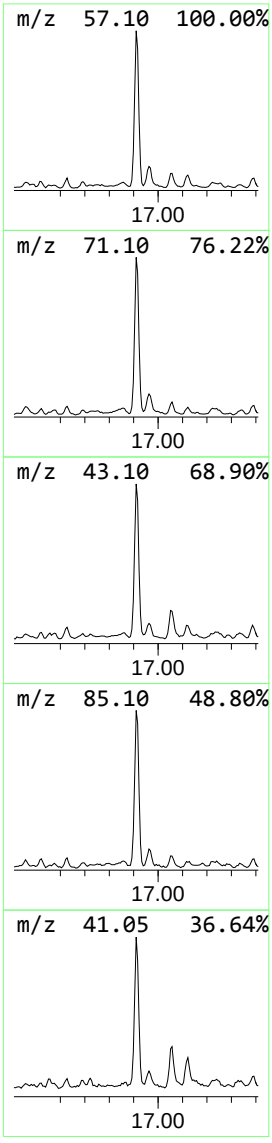
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.910 | 6.40 ng/ul | 1065770 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecane | 212 | C15H32 | 000629-62-9 | 91 |
| 2 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 90 |
| 3 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 87 |
| 4 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 83 |
| 5 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

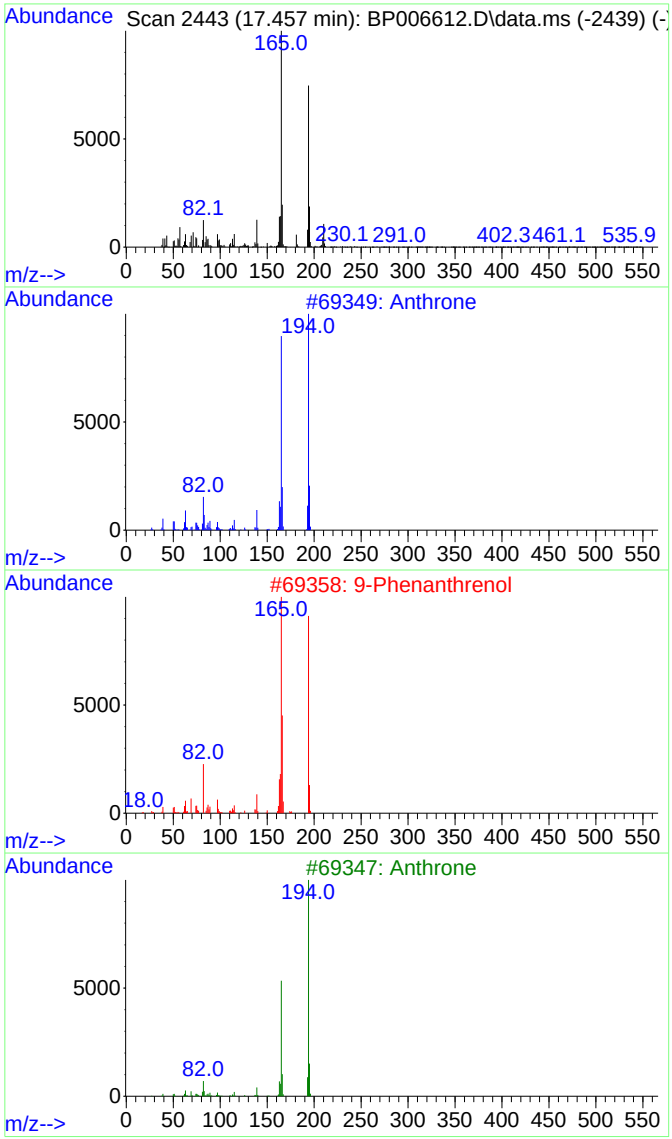
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

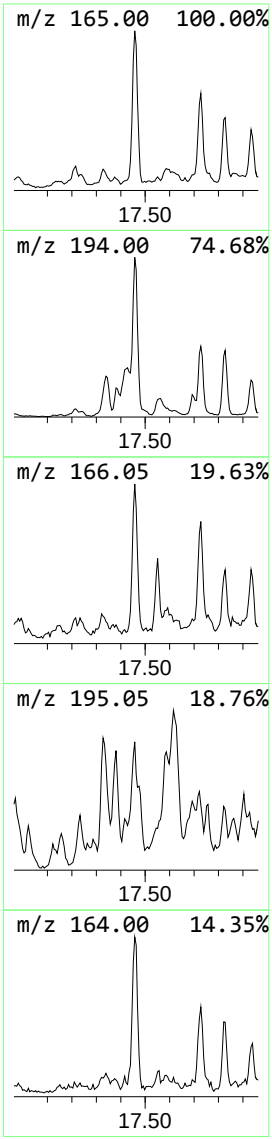
**********

Peak Number 26 Anthrone Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.460 | 3.09 ng/ul | 515150 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Anthrone | 194 | C14H10O | 000090-44-8 | 94 |
| 2 | 9-Phenanthrenol | 194 | C14H10O | 000484-17-3 | 91 |
| 3 | Anthrone | 194 | C14H10O | 000090-44-8 | 90 |
| 4 | 3-Phenanthrol | 194 | C14H10O | 000605-87-8 | 90 |
| 5 | Anthrone | 194 | C14H10O | 000090-44-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

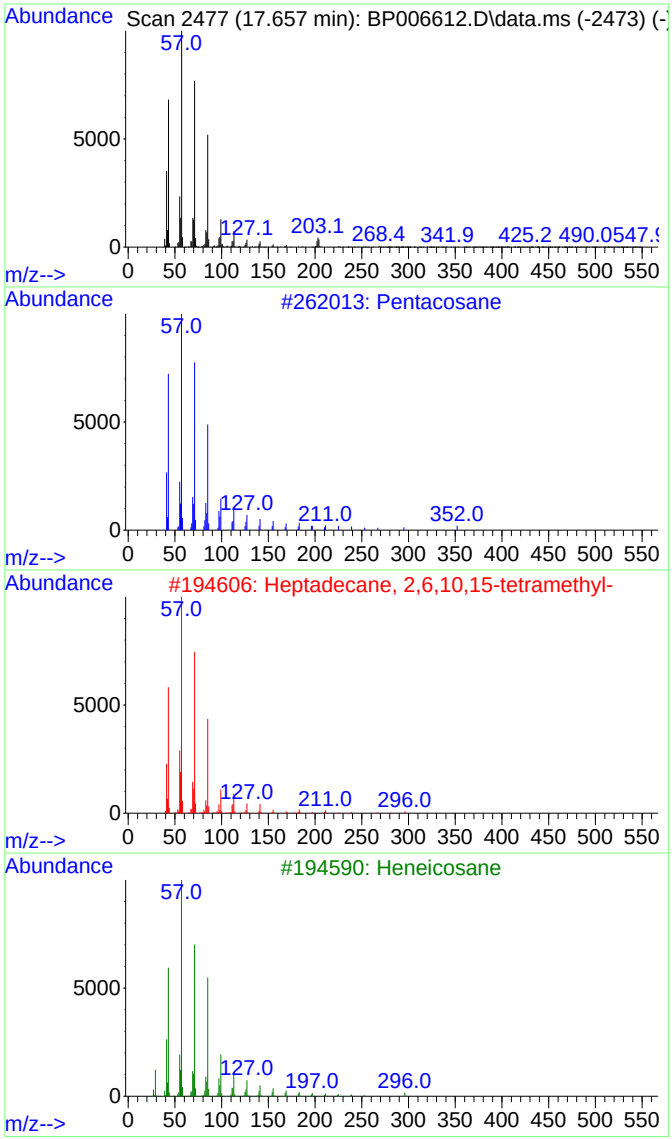
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

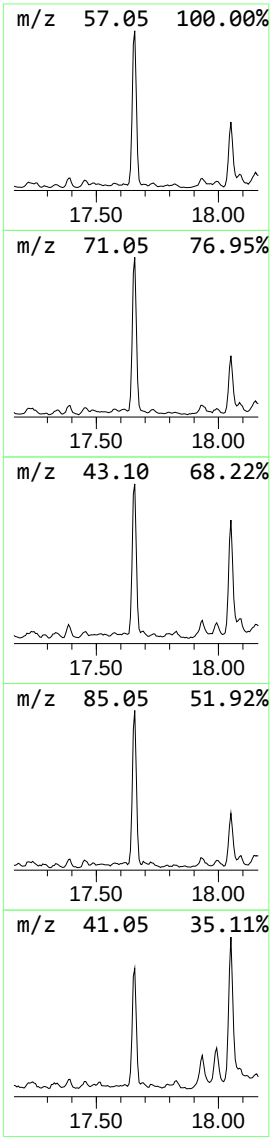
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.660 | 5.95 ng/ul | 991200 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 90 |
| 2 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 90 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 87 |
| 5 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

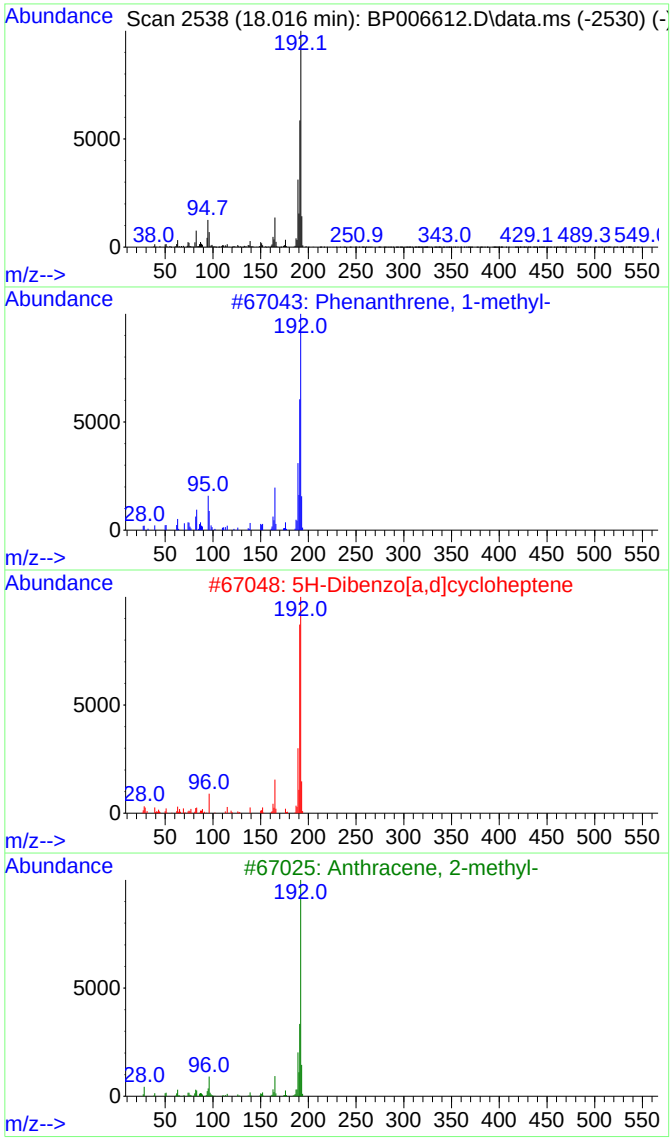
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

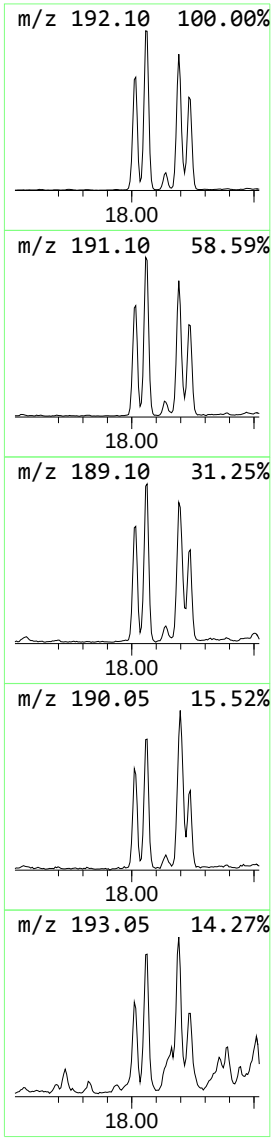
**********

Peak Number 29 Phenanthrene, 1-methyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.020 | 6.35 ng/ul | 1058520 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 94 |
| 2 | 5H-Dibenzo[a,d]cycloheptene | 192 | C15H12 | 000256-81-5 | 94 |
| 3 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 93 |
| 5 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

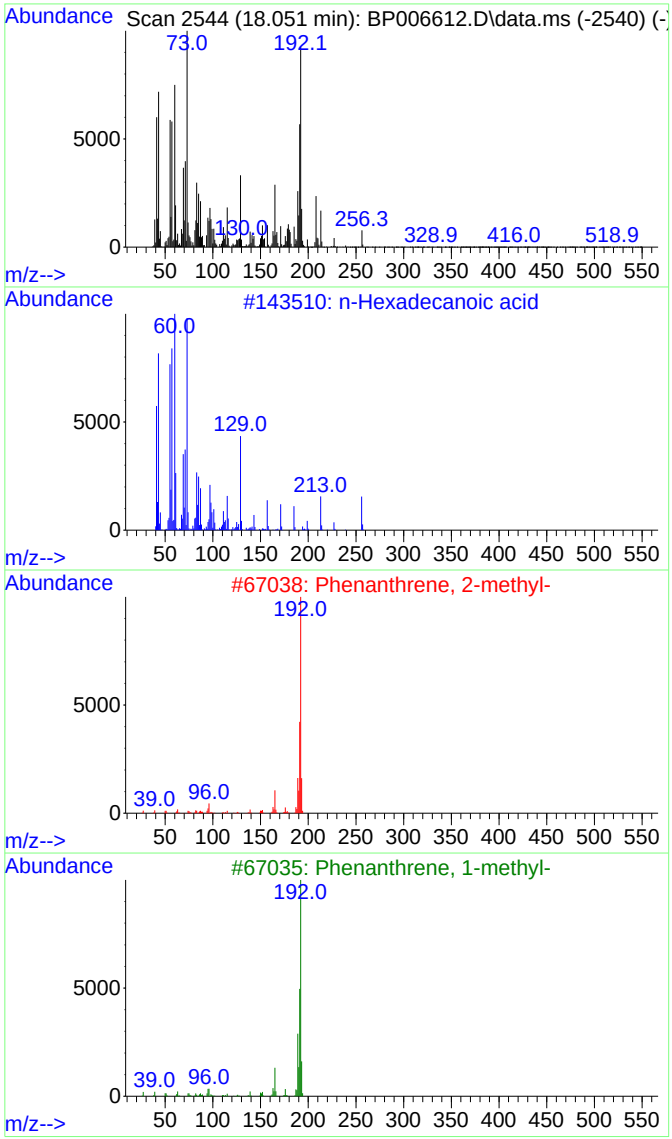
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

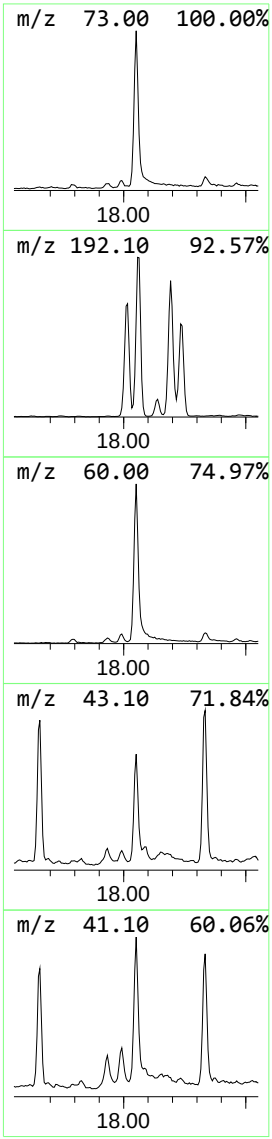
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.050 | 16.75 ng/ul | 2790320 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 93 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 86 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 86 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 84 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

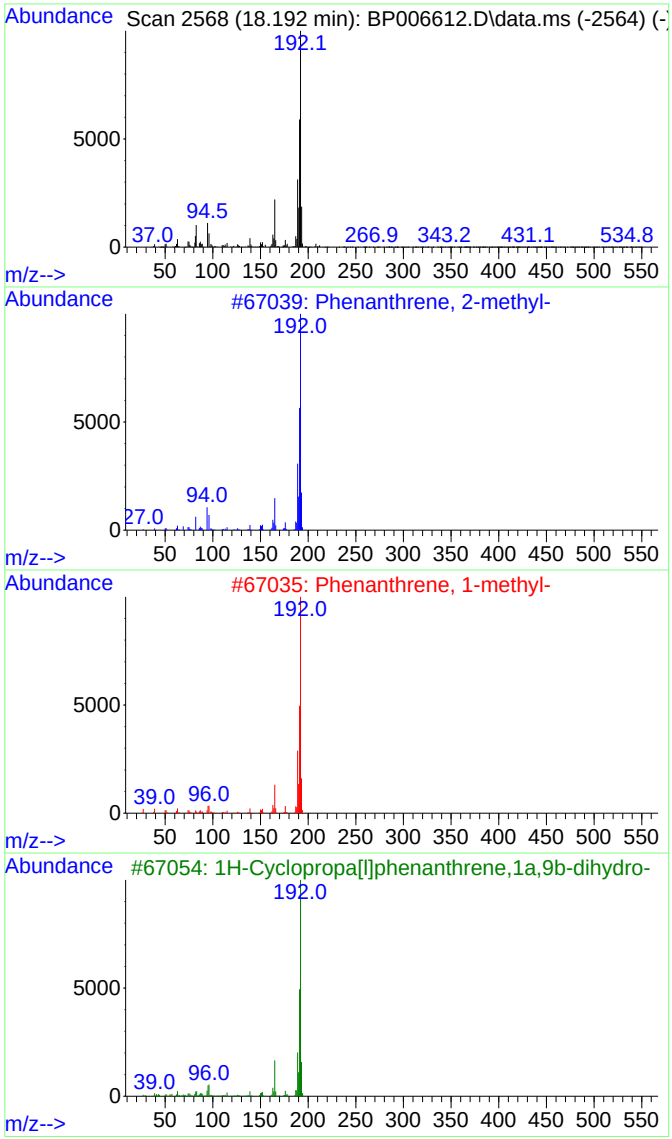
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

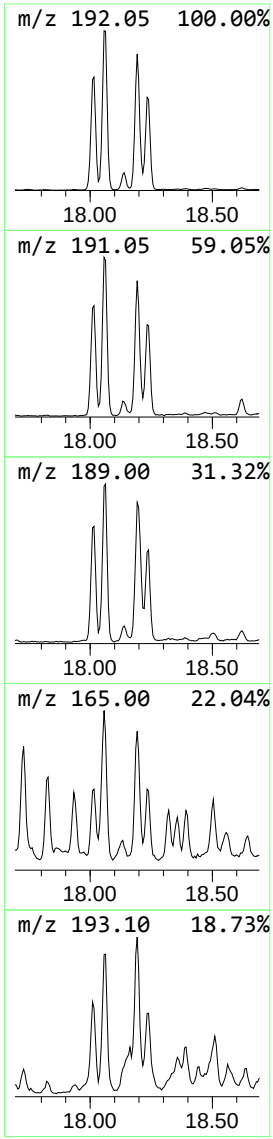
**********

Peak Number 31 Phenanthrene, 2-methyl- Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.190 | 5.63 ng/ul | 937200 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 96 |
| 2 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 96 |
| 3 | 1H-Cyclopropa[l]phenanthrene,1a,... | 192 | C15H12 | 000949-41-7 | 95 |
| 4 | Anthracene, 2-methyl- | 192 | C15H12 | 000613-12-7 | 94 |
| 5 | 1H-Indene, 2-phenyl- | 192 | C15H12 | 004505-48-0 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

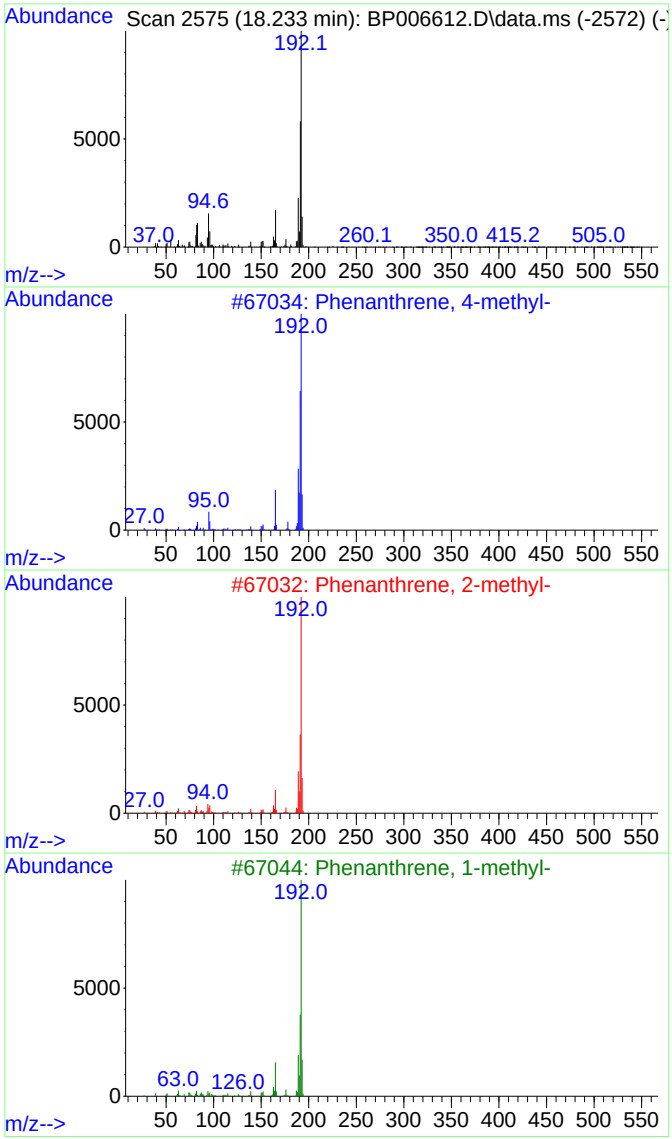
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

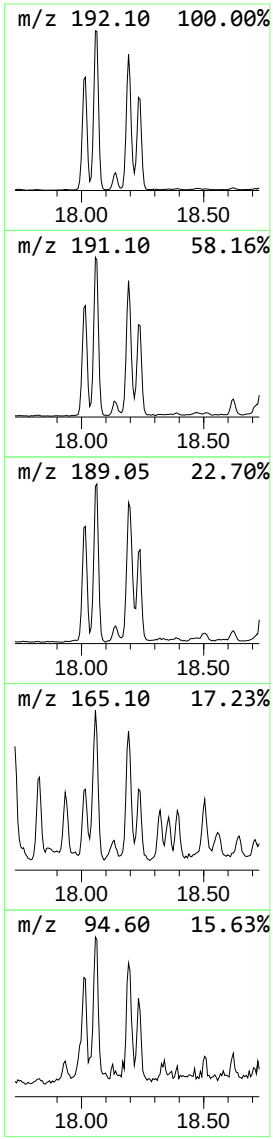
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 Phenanthrene, 4-methyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.230 | 4.25 ng/ul | 708039 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4-methyl- | 192 | C15H12 | 000832-64-4 | 94 |
| 2 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 94 |
| 3 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 93 |
| 4 | Phenanthrene, 2-methyl- | 192 | C15H12 | 002531-84-2 | 87 |
| 5 | Phenanthrene, 1-methyl- | 192 | C15H12 | 000832-69-9 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

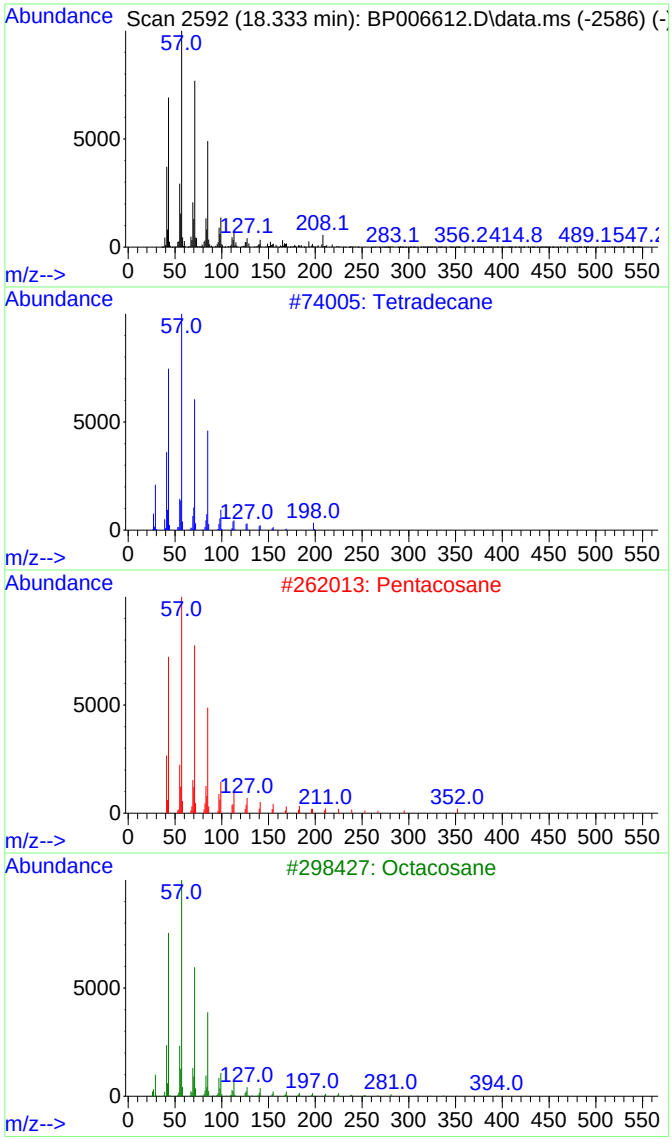
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

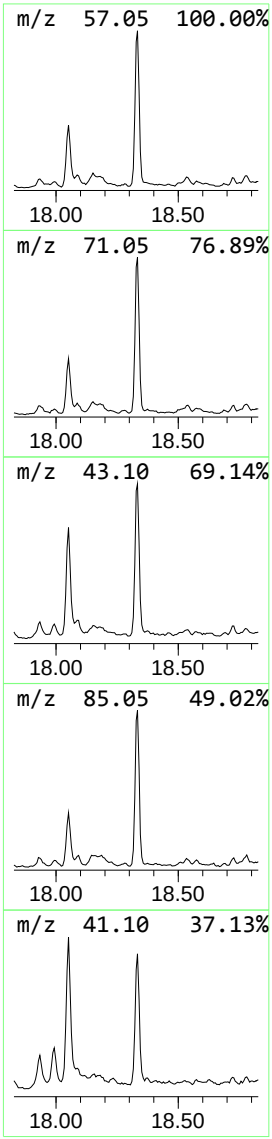
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.330 | 9.79 ng/ul | 1631280 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 93 |
| 2 | Pentacosane | 352 | C25H52 | 000629-99-2 | 93 |
| 3 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 91 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

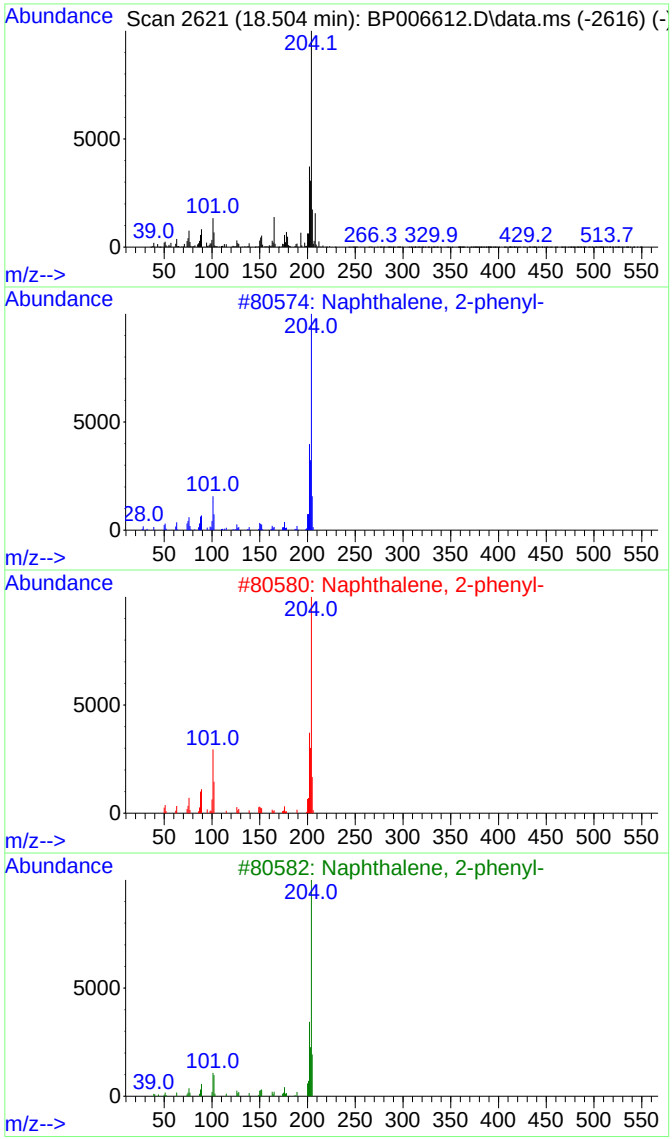
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

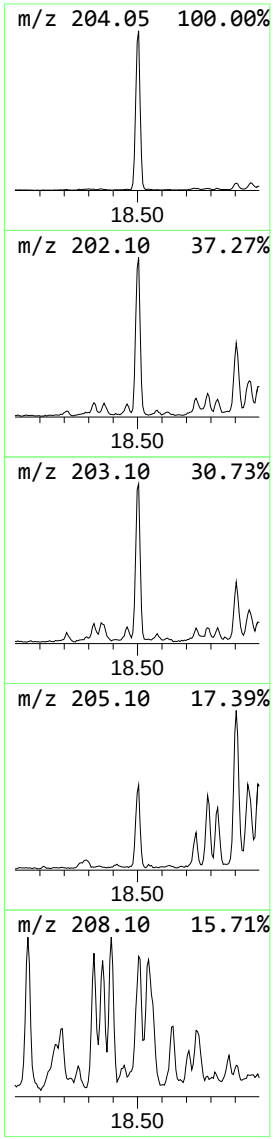
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphthalene, 2-phenyl- Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.500 | 4.45 ng/ul | 741747 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 96 |
| 2 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 76 |
| 3 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |
| 4 | Tricyclo[8.2.2.2(4,7)]hexadeca-2... | 204 | C16H12 | 006572-60-7 | 70 |
| 5 | Naphthalene, 2-phenyl- | 204 | C16H12 | 000612-94-2 | 70 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

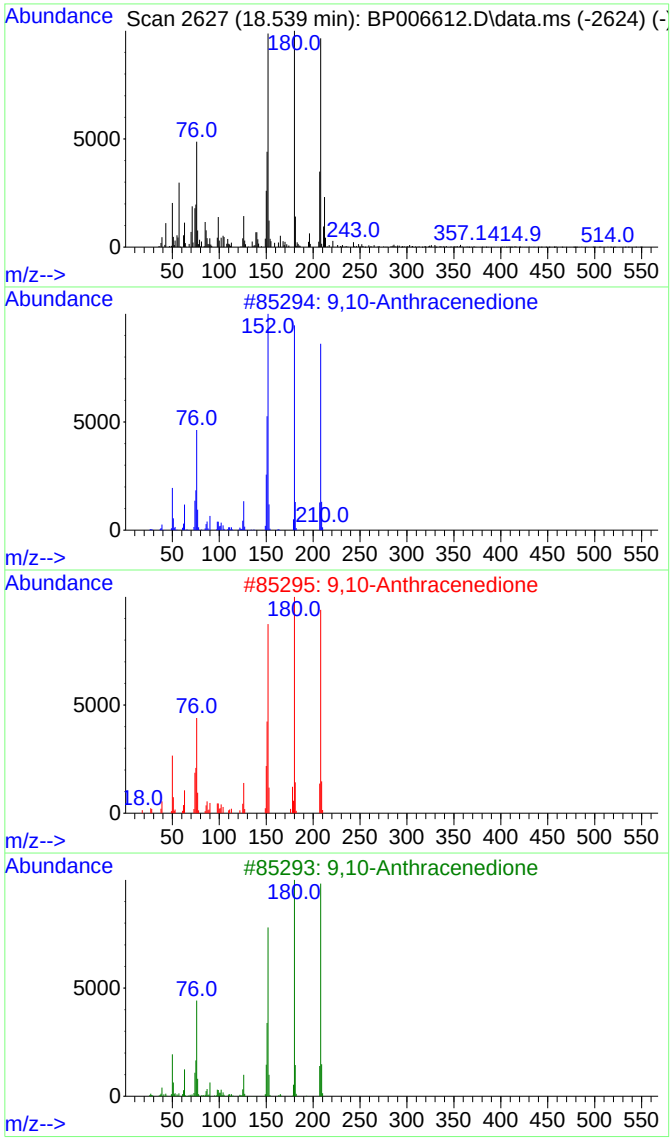
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

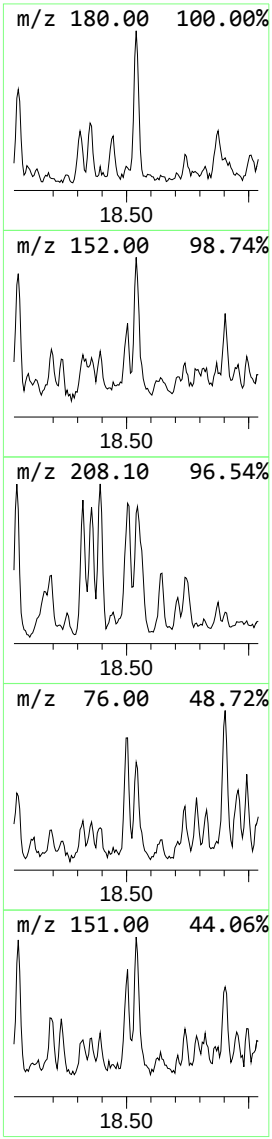
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 9,10-Anthracenedione Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.540 | 2.62 ng/ul | 437116 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 94 |
| 2 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 93 |
| 3 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 91 |
| 4 | Benzo[c]cinnoline | 180 | C12H8N2 | 000230-17-1 | 91 |
| 5 | 9,10-Anthracenedione | 208 | C14H8O2 | 000084-65-1 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

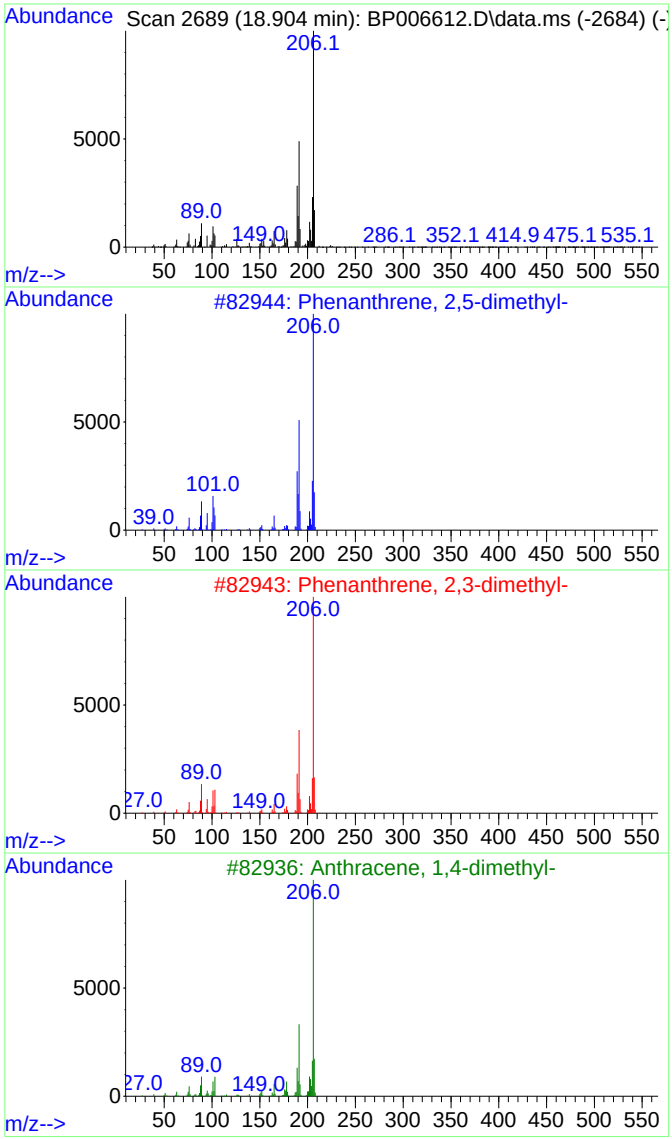
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

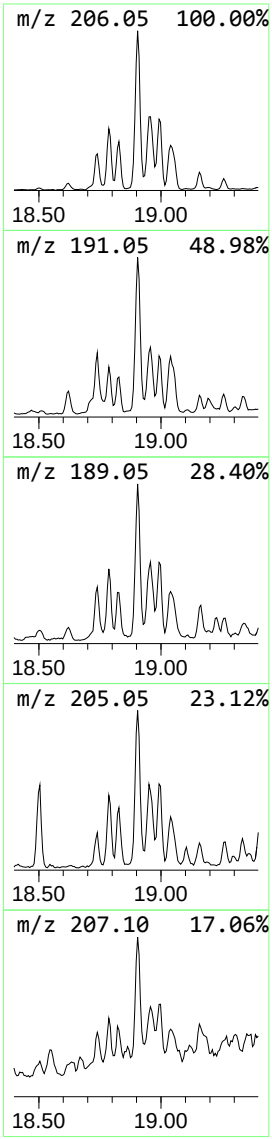
**********

Peak Number 37 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.900 | 7.22 ng/ul | 1203020 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 2,5-dimethyl- | 206 | C16H14 | 003674-66-6 | 97 |
| 2 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 94 |
| 3 | Anthracene, 1,4-dimethyl- | 206 | C16H14 | 000781-92-0 | 93 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 93 |
| 5 | 9,10-Dimethylanthracene | 206 | C16H14 | 000781-43-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

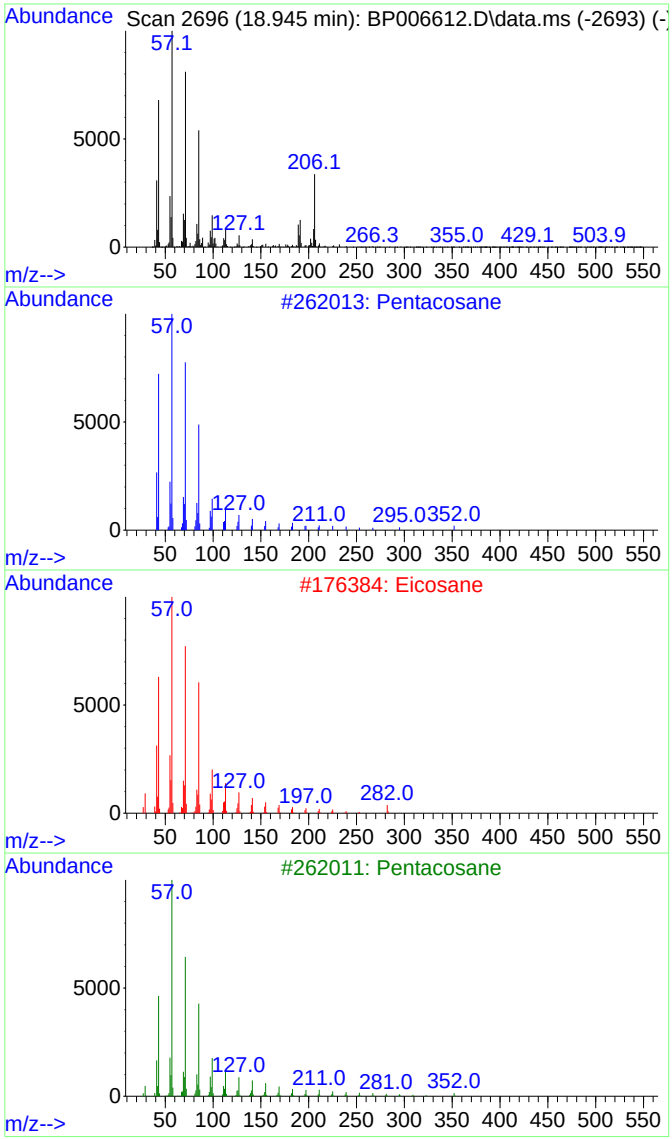
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

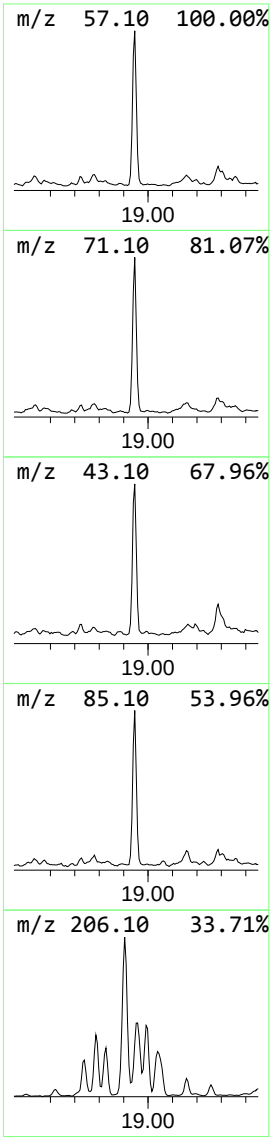
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.950 | 8.40 ng/ul | 1398840 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacosane | 352 | C25H52 | 000629-99-2 | 94 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 89 |
| 3 | Pentacosane | 352 | C25H52 | 000629-99-2 | 83 |
| 4 | Pentatriacontane | 493 | C35H72 | 000630-07-9 | 68 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

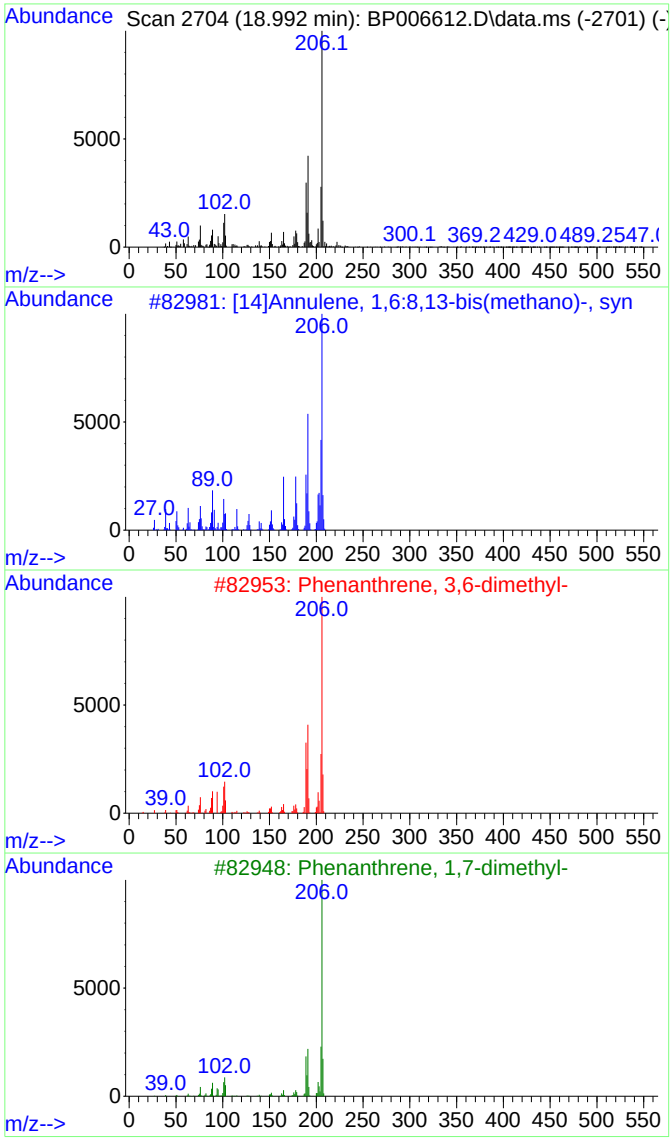
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

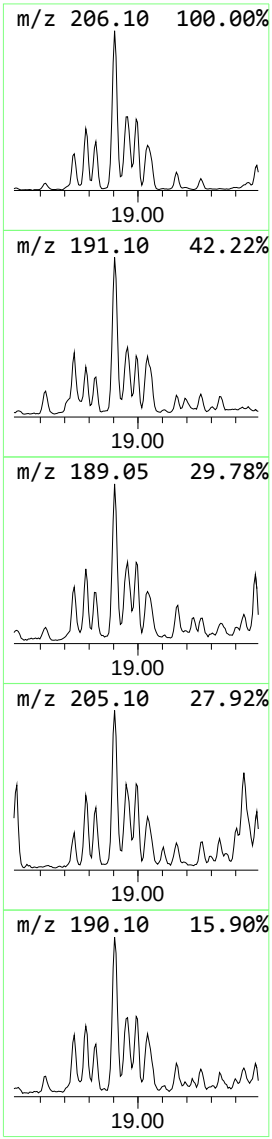
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 [14]Annulene, 1,6:8,13-bis(... Concentration Rank 43

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.990 | 2.57 ng/ul | 428422 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | [14]Annulene, 1,6:8,13-bis(metha... | 206 | C16H14 | 085385-68-8 | 93 |
| 2 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 91 |
| 3 | Phenanthrene, 1,7-dimethyl- | 206 | C16H14 | 000483-87-4 | 90 |
| 4 | Phenanthrene, 3,6-dimethyl- | 206 | C16H14 | 001576-67-6 | 83 |
| 5 | Naphthalene, 1,2-dihydro-4-phenyl- | 206 | C16H14 | 007469-40-1 | 81 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

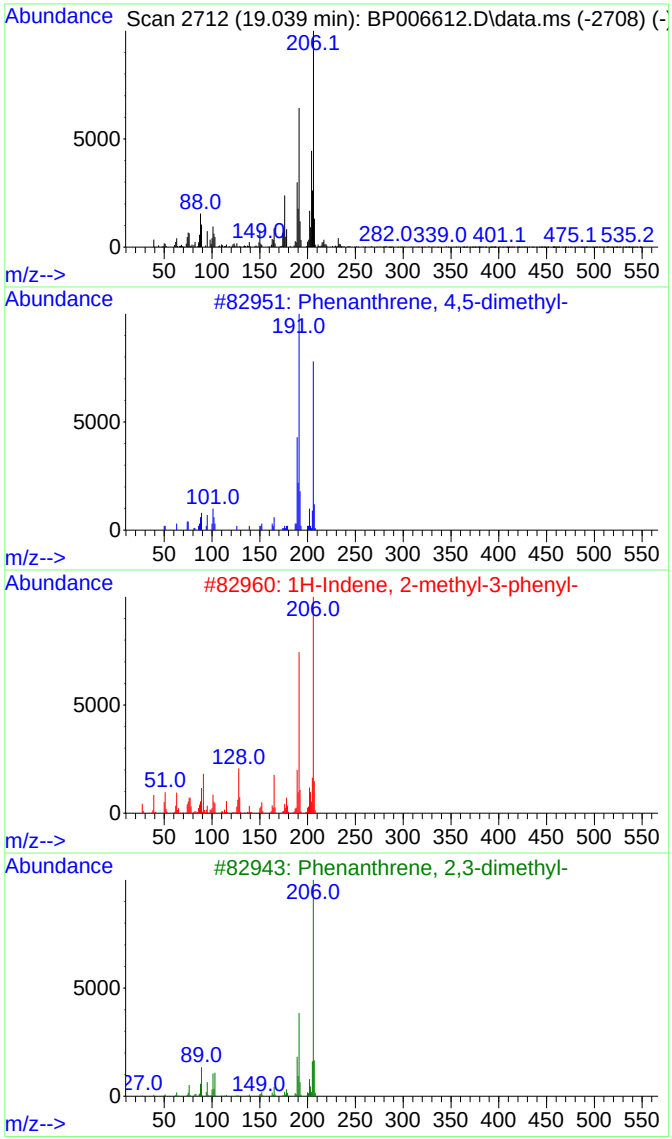
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

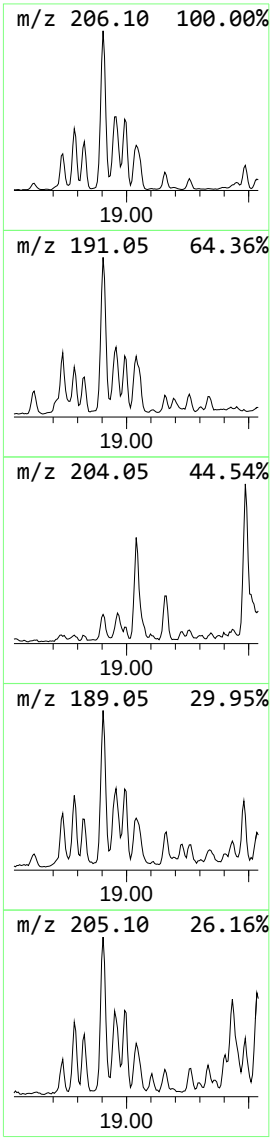
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Phenanthrene, 4,5-dimethyl- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.040 | 3.74 ng/ul | 622620 | Phenanthrene-d10 | 17.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenanthrene, 4,5-dimethyl- | 206 | C16H14 | 003674-69-9 | 93 |
| 2 | 1H-Indene, 2-methyl-3-phenyl- | 206 | C16H14 | 035099-60-6 | 86 |
| 3 | Phenanthrene, 2,3-dimethyl- | 206 | C16H14 | 003674-65-5 | 86 |
| 4 | Phenanthrene, 9,10-dimethyl- | 206 | C16H14 | 000604-83-1 | 83 |
| 5 | 1,3-Diphenyl-3-methylcyclopropene | 206 | C16H14 | 086544-79-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

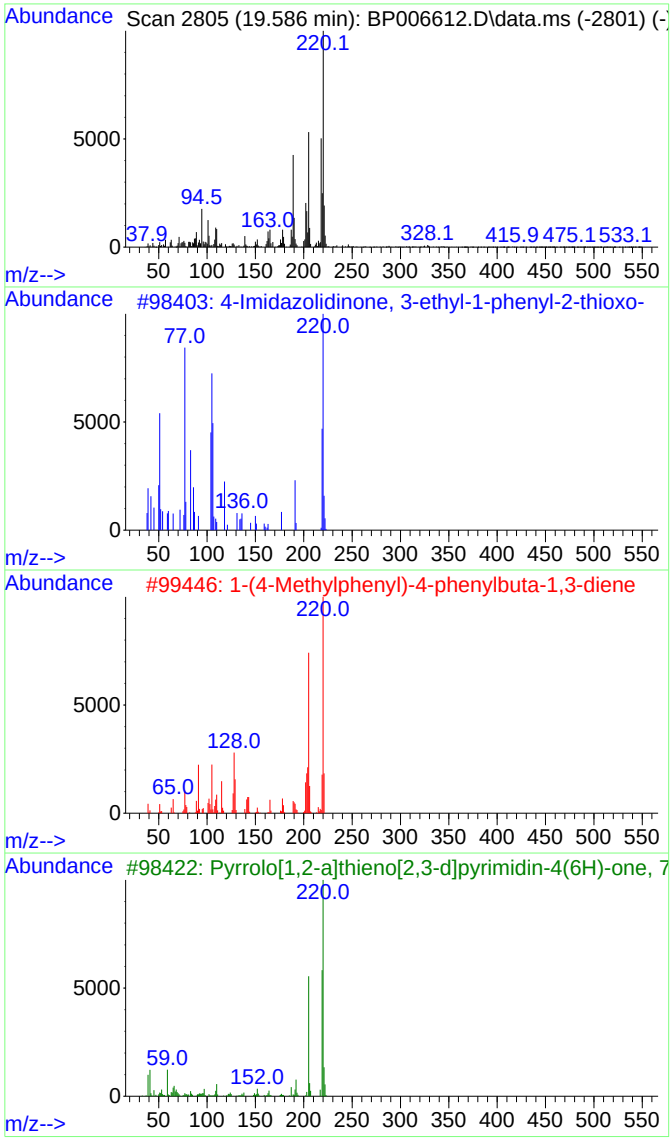
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

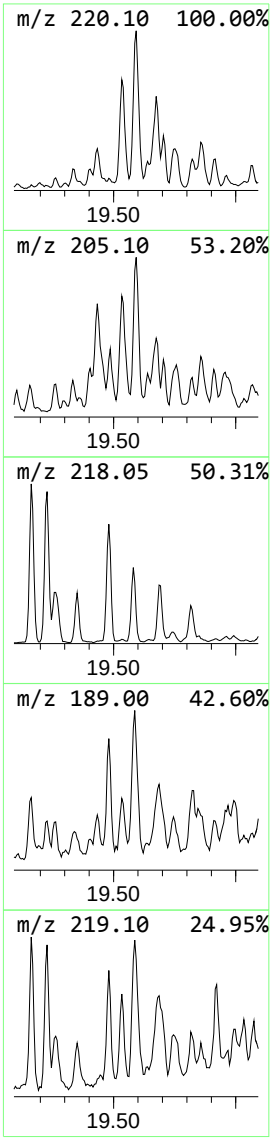
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 4-Imidazolidinone, 3-ethyl-... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.590 | 2.65 ng/ul | 642634 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4-Imidazolidinone, 3-ethyl-1-phe... | 220 | C11H12N2OS | 037021-14-0 | 86 |
| 2 | 1-(4-Methylphenyl)-4-phenylbuta-... | 220 | C17H16 | 037985-11-8 | 64 |
| 3 | Pyrrolo[1,2-a]thieno[2,3-d]pyrim... | 220 | C11H12N2OS | 056929-61-4 | 55 |
| 4 | 4-Phenyl-2-naphthol | 220 | C16H12O | 036159-74-7 | 53 |
| 5 | 9-Ethyl-10-methylanthracene | 220 | C17H16 | 019713-49-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

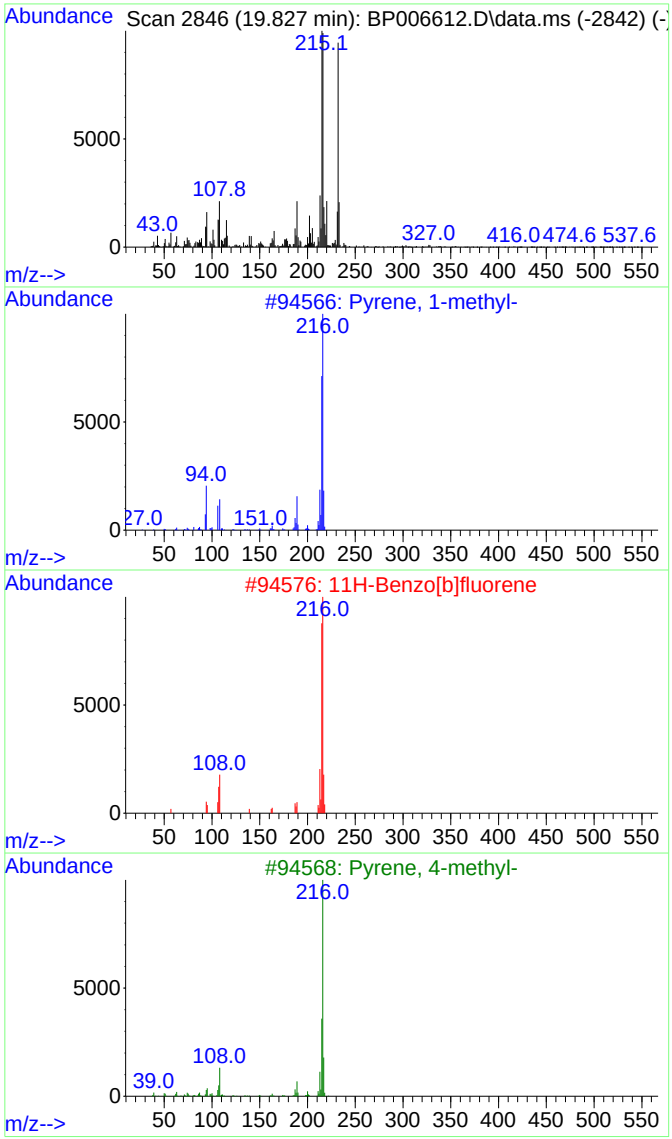
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

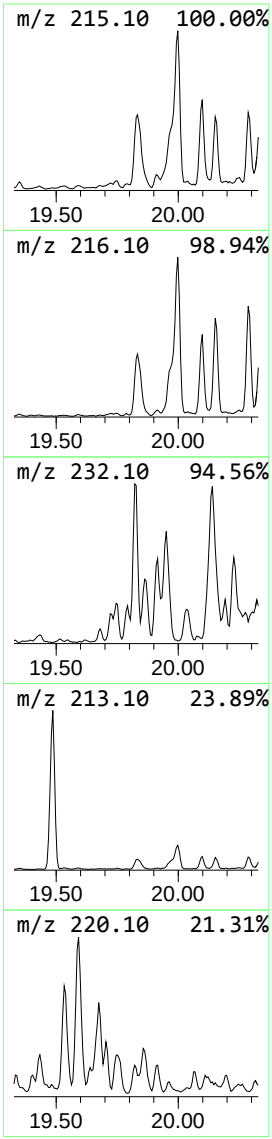
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 Pyrene, 1-methyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.830 | 3.64 ng/ul | 883201 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 96 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 89 |
| 3 | Pyrene, 4-methyl- | 216 | C17H12 | 003353-12-6 | 81 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 70 |
| 5 | Pyrene, 1-methyl- | 216 | C17H12 | 002381-21-7 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

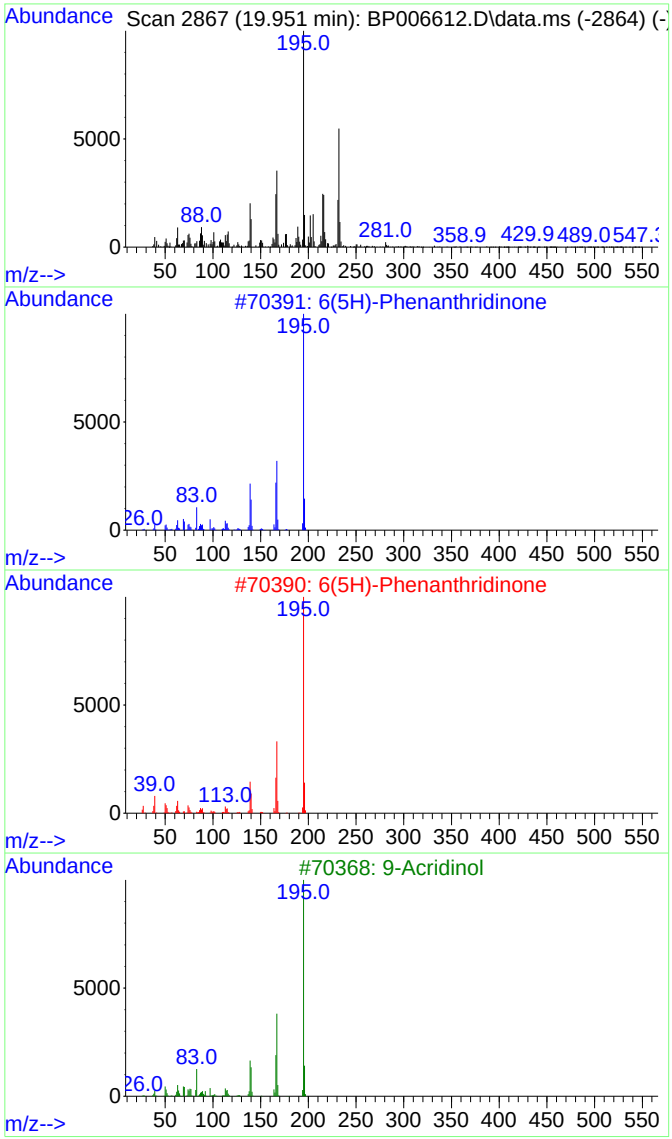
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

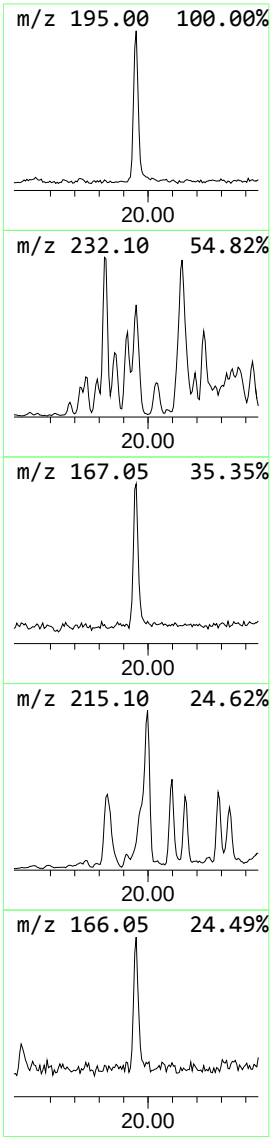
**********

Peak Number 43 6(5H)-Phenanthridinone Concentration Rank 51

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.950 | 2.25 ng/ul | 546017 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 91 |
| 2 | 6(5H)-Phenanthridinone | 195 | C13H9NO | 001015-89-0 | 87 |
| 3 | 9-Acridinol | 195 | C13H9NO | 000643-62-9 | 87 |
| 4 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 86 |
| 5 | 9(10H)-Acridinone | 195 | C13H9NO | 000578-95-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

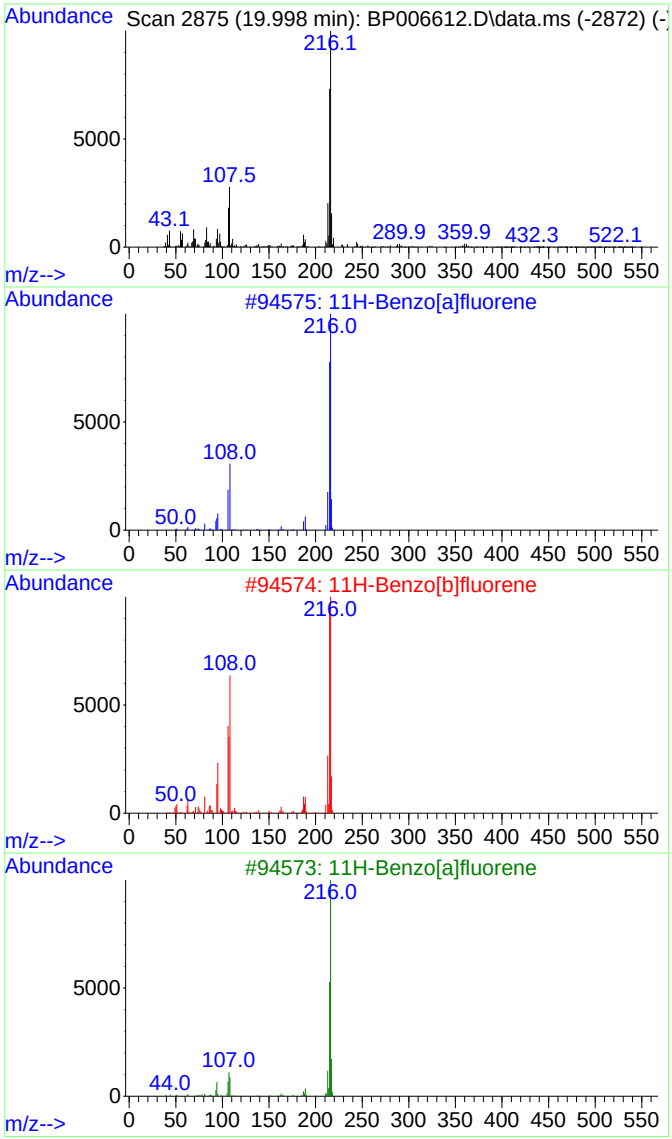
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

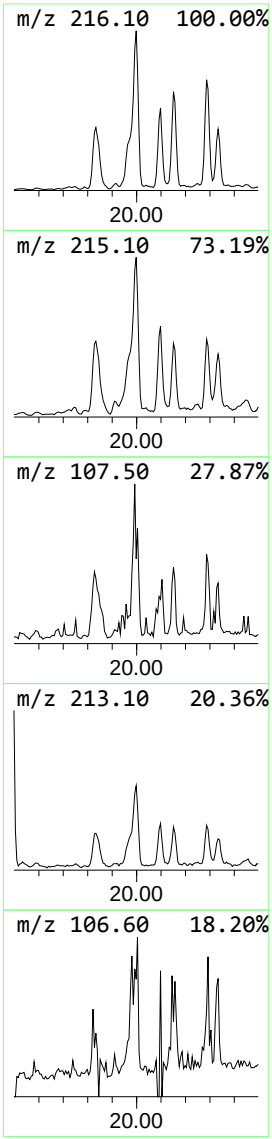
**********

Peak Number 44 11H-Benzo[a]fluorene Concentration Rank 49

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.000 | 2.36 ng/ul | 572360 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 91 |
| 2 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 90 |
| 3 | 11H-Benzo[a]fluorene | 216 | C17H12 | 000238-84-6 | 86 |
| 4 | 11H-Benzo[b]fluorene | 216 | C17H12 | 000243-17-4 | 81 |
| 5 | Fluoranthene, 2-methyl- | 216 | C17H12 | 033543-31-6 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

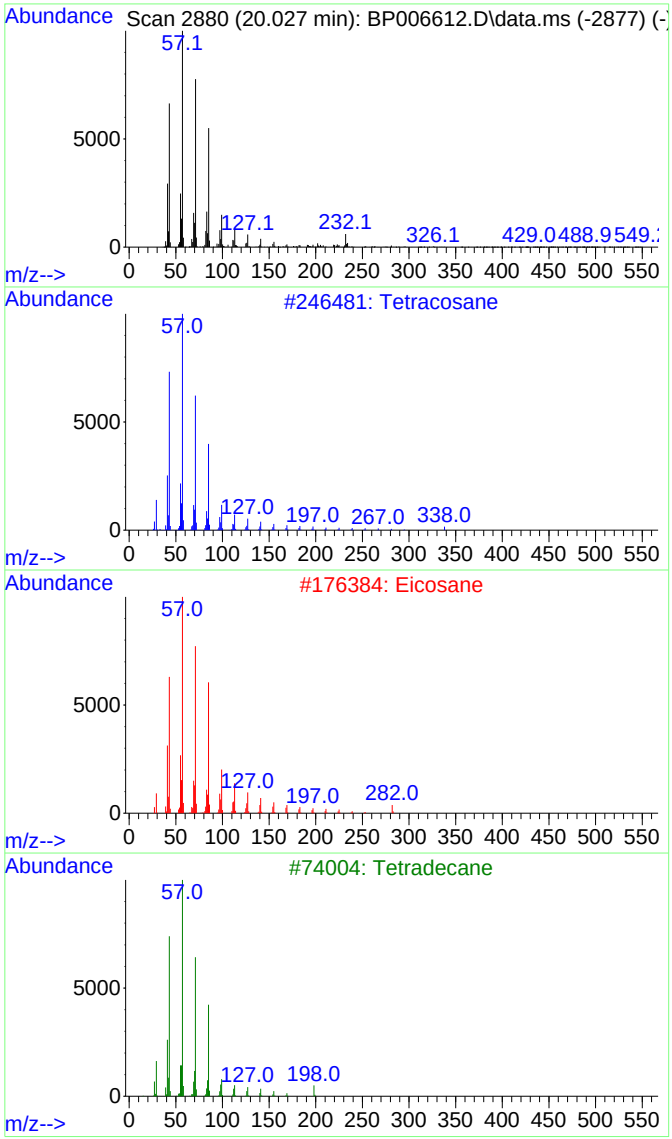
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

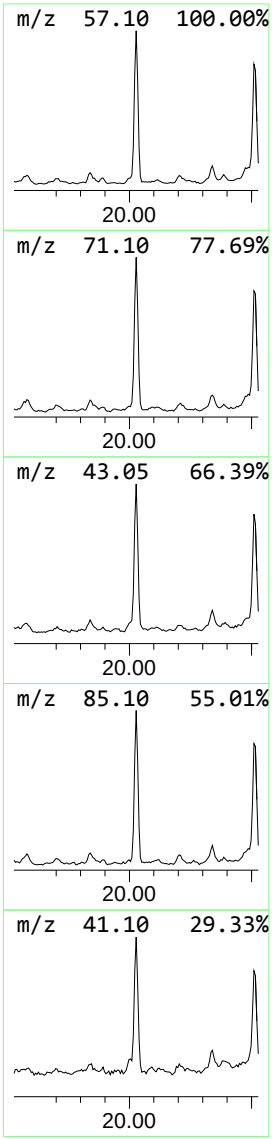
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.030 | 3.25 ng/ul | 789909 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 91 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 90 |
| 3 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

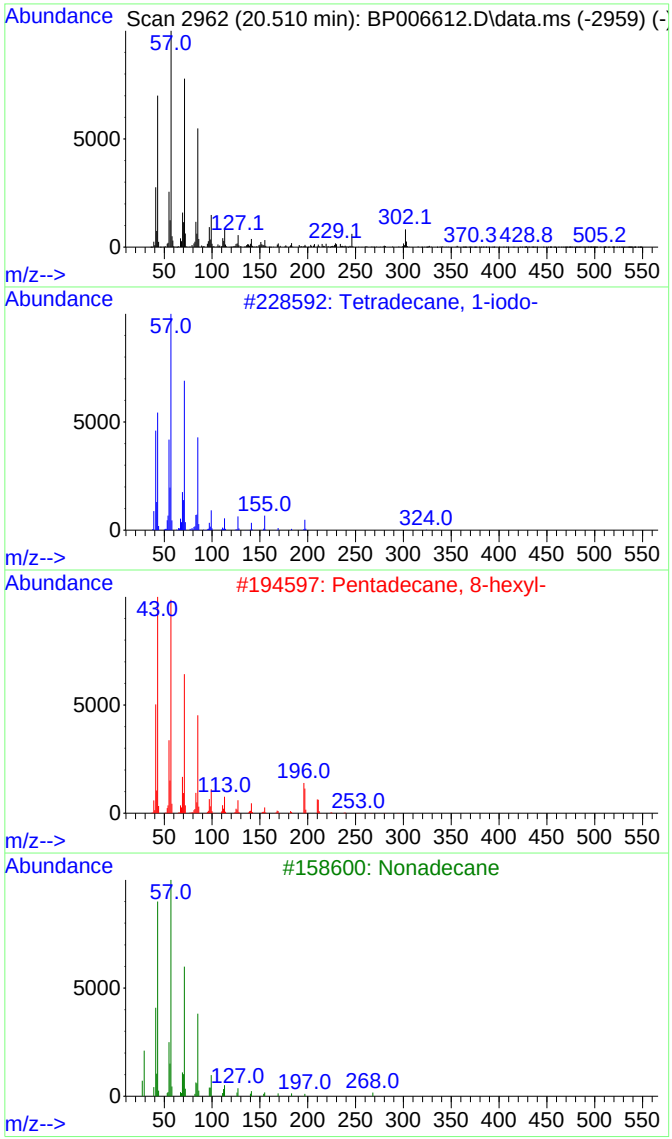
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

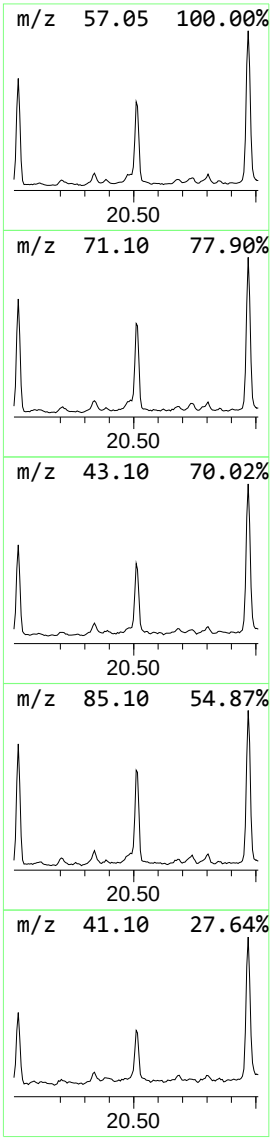
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 Tetradecane, 1-iodo- Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.510 | 2.75 ng/ul | 667902 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane, 1-iodo- | 324 | C14H29I | 019218-94-1 | 95 |
| 2 | Pentadecane, 8-hexyl- | 296 | C21H44 | 013475-75-7 | 93 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

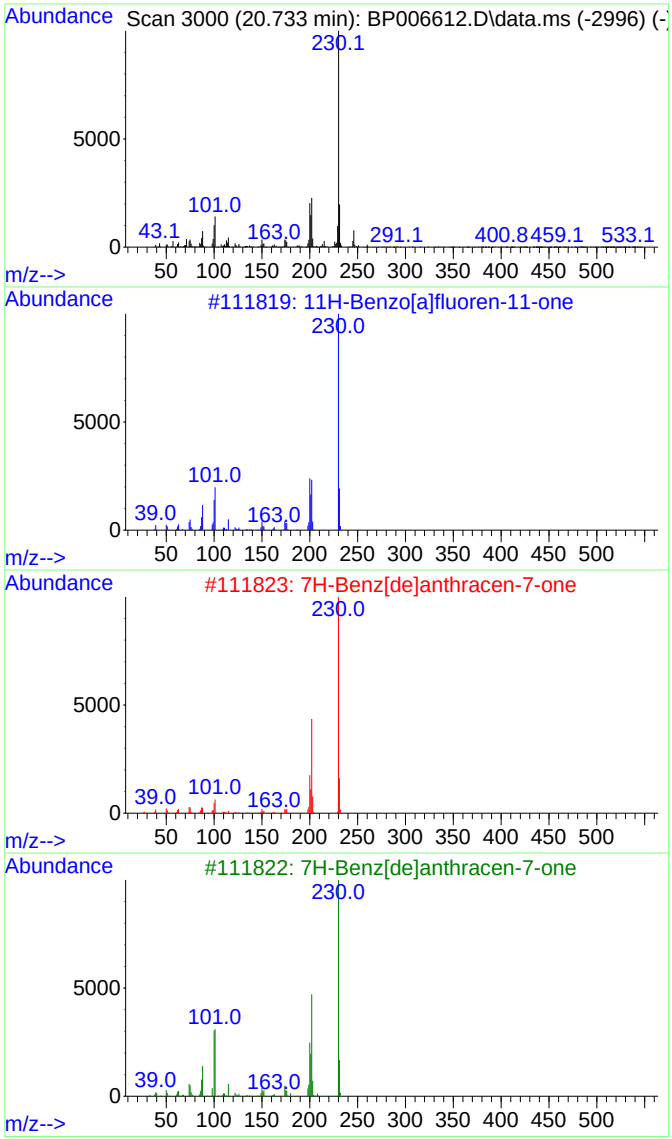
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

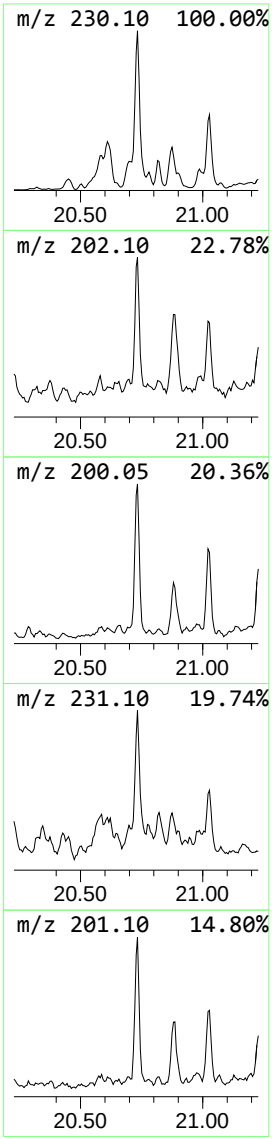
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 11H-Benzo[a]fluoren-11-one Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.730 | 3.40 ng/ul | 826205 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 11H-Benzo[a]fluoren-11-one | 230 | C17H10O | 000479-79-8 | 98 |
| 2 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 89 |
| 3 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 4 | 7H-Benz[de]anthracen-7-one | 230 | C17H10O | 000082-05-3 | 87 |
| 5 | 6H-Benz[de]anthracen-6-one | 230 | C17H10O | 080252-14-8 | 74 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

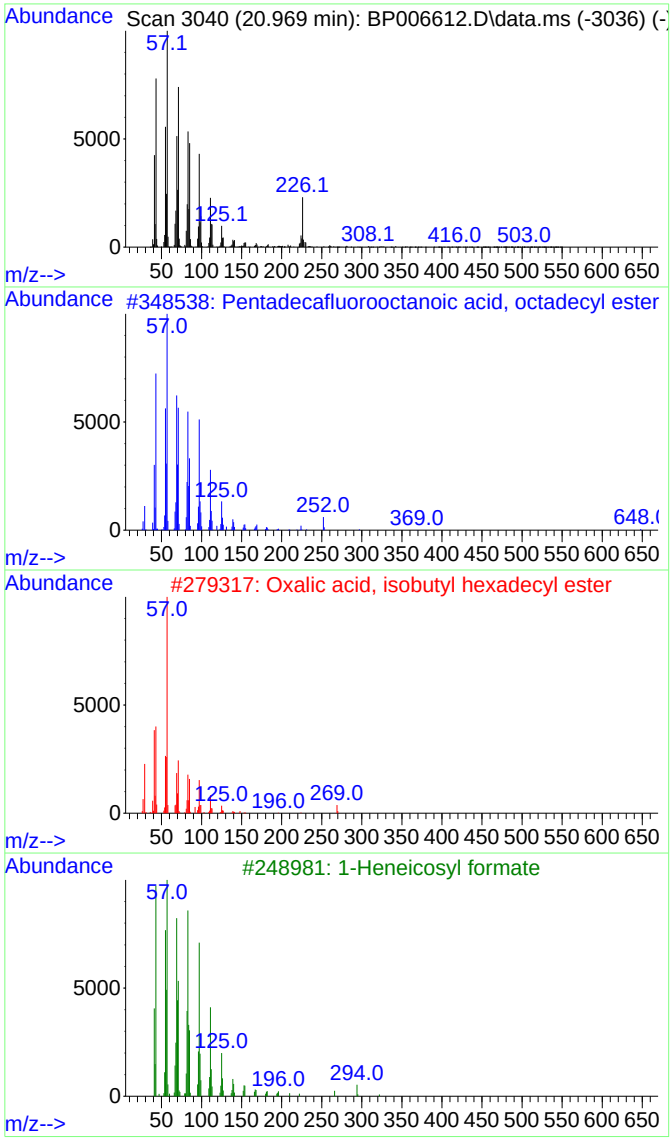
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

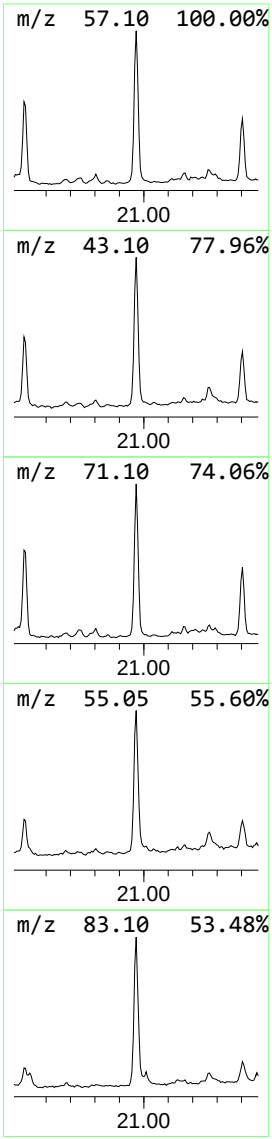
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 Pentadecafluorooctanoic aci... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.970 | 8.40 ng/ul | 2040370 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 91 |
| 2 | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 90 |
| 3 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 89 |
| 4 | Cyclotetradecane | 196 | C14H28 | 000295-17-0 | 86 |
| 5 | Octacosyl acetate | 452 | C30H60O2 | 018206-97-8 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

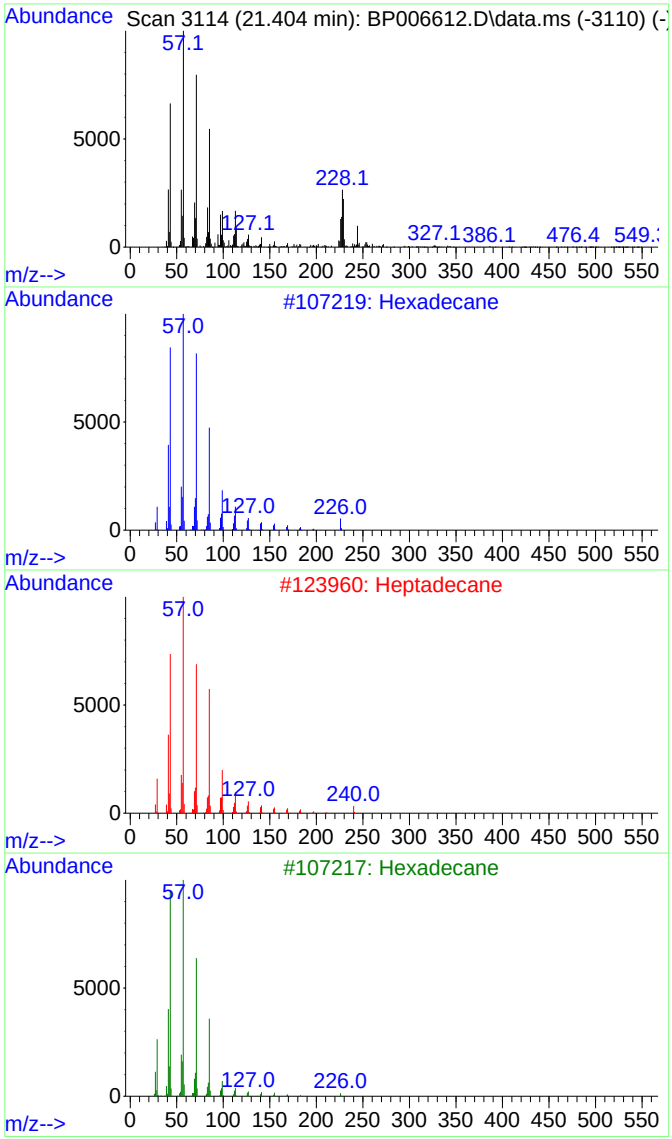
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

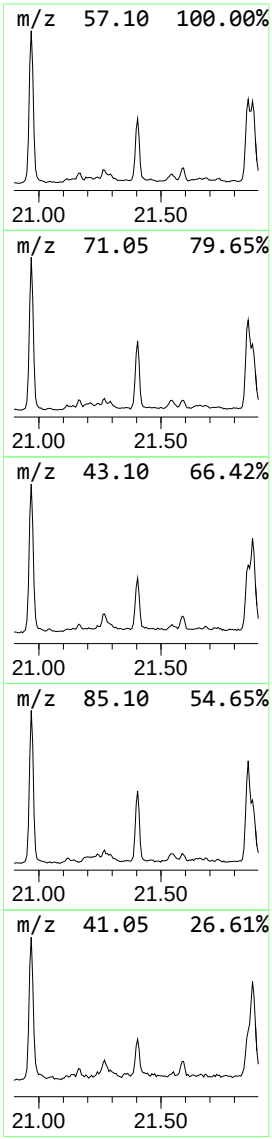
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.400 | 3.38 ng/ul | 821614 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 87 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 78 |
| 4 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 60 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 56 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

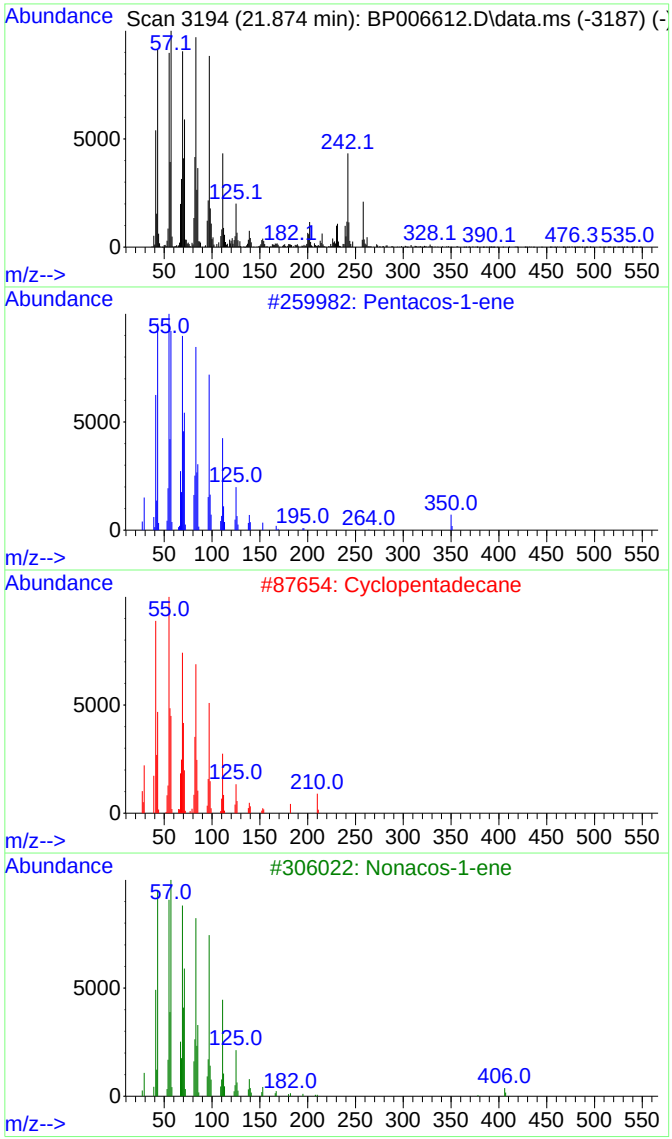
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

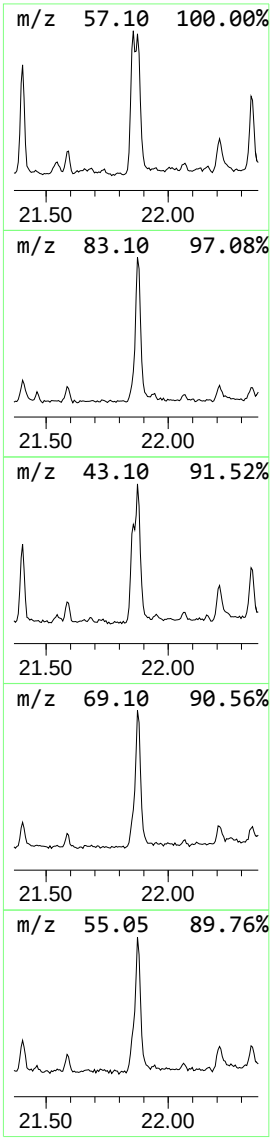
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.870 | 15.58 ng/ul | 3784640 | Chrysene-d12 | 21.245 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentacos-1-ene | 350 | C25H50 | 016980-85-1 | 95 |
| 2 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 93 |
| 3 | Nonacos-1-ene | 406 | C29H58 | 018835-35-3 | 90 |
| 4 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 90 |
| 5 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

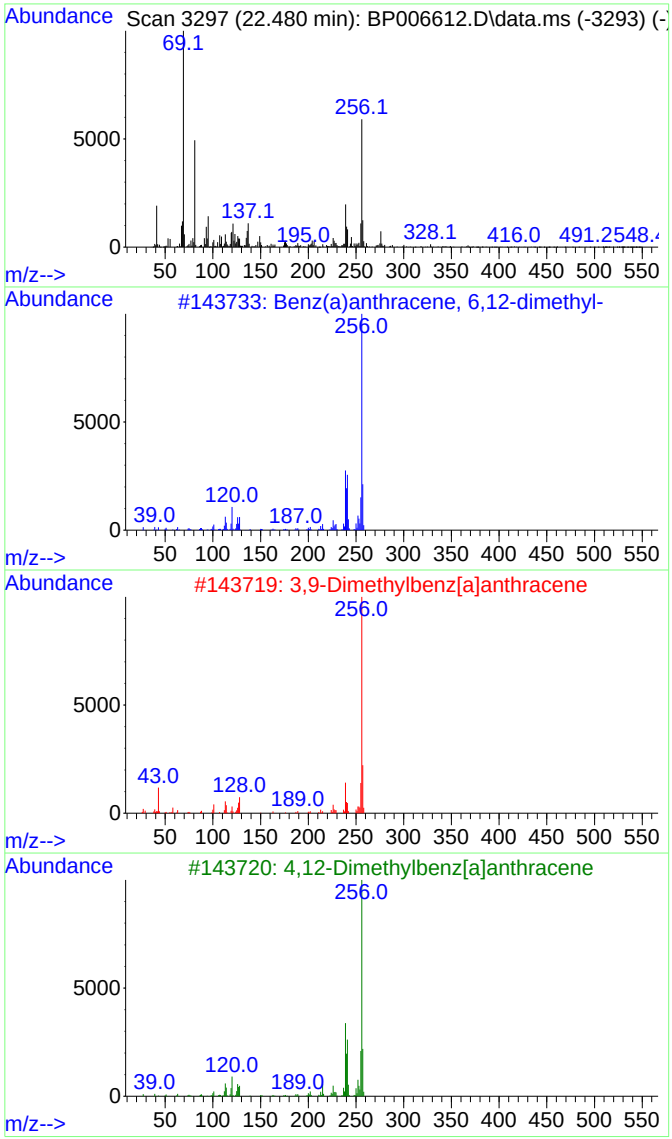
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

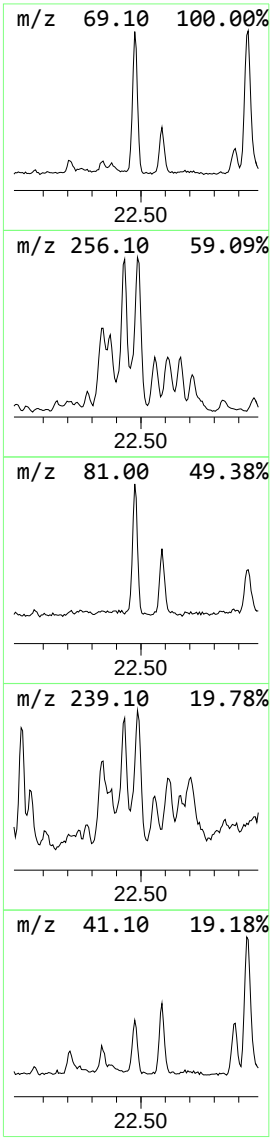
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 Benz(a)anthracene, 6,12-dim... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.480 | 11.04 ng/ul | 1541740 | Perylene-d12 | 23.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benz(a)anthracene, 6,12-dimethyl- | 256 | C20H16 | 000568-81-0 | 66 |
| 2 | 3,9-Dimethylbenz[a]anthracene | 256 | C20H16 | 000316-51-8 | 60 |
| 3 | 4,12-Dimethylbenz[a]anthracene | 256 | C20H16 | 035187-19-0 | 60 |
| 4 | 5,12-Dimethylbenz[a]anthracene | 256 | C20H16 | 021297-22-3 | 59 |
| 5 | 7,12-Dimethylbenz[a]anthracene | 256 | C20H16 | 000057-97-6 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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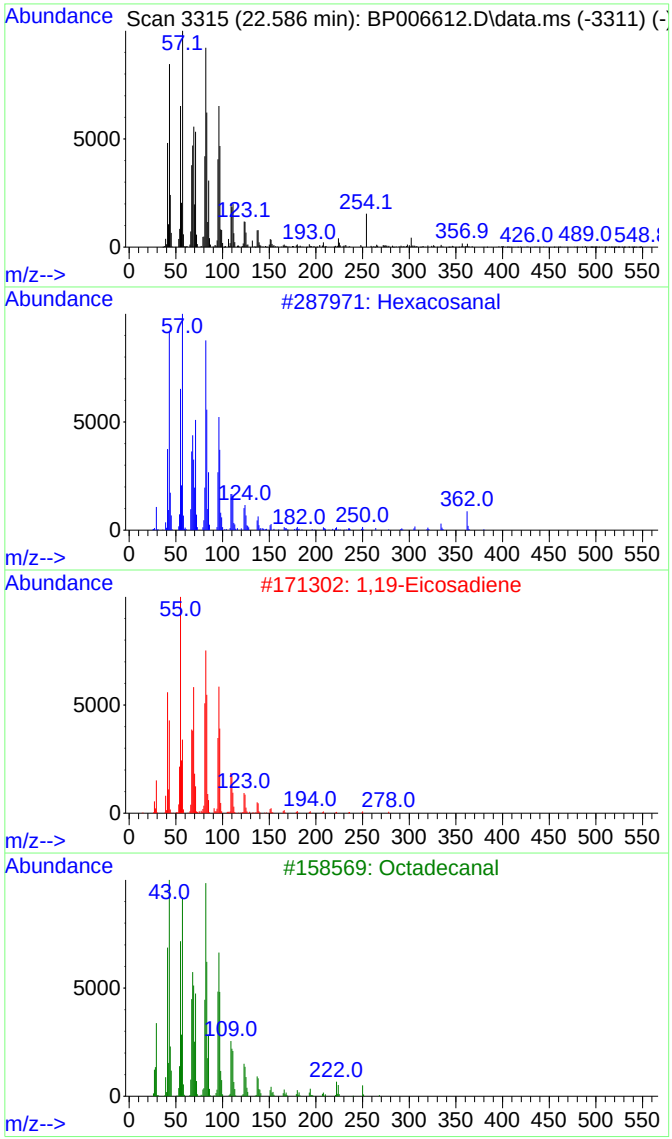
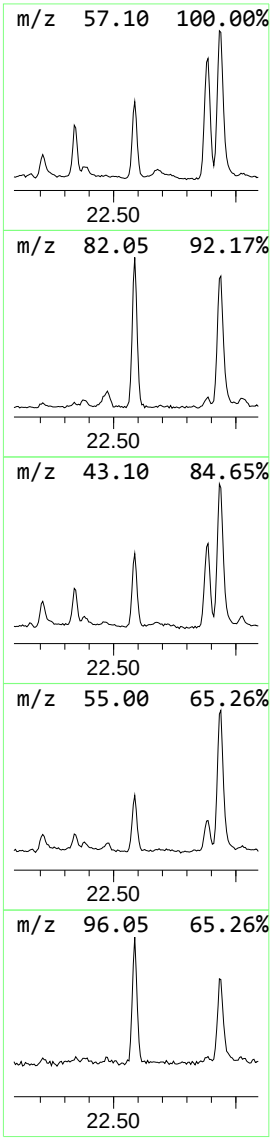
Peak Number 52 Hexacosanal Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.590 | 10.34 ng/ul | 1442730 | Perylene-d12 | 23.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 96 |
| 2 | 1,19-Eicosadiene | 278 | C20H38 | 014811-95-1 | 95 |
| 3 | Octadecanal | 268 | C18H36O | 000638-66-4 | 94 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 94 |
| 5 | Eicosanal- | 296 | C20H40O | 002400-66-0 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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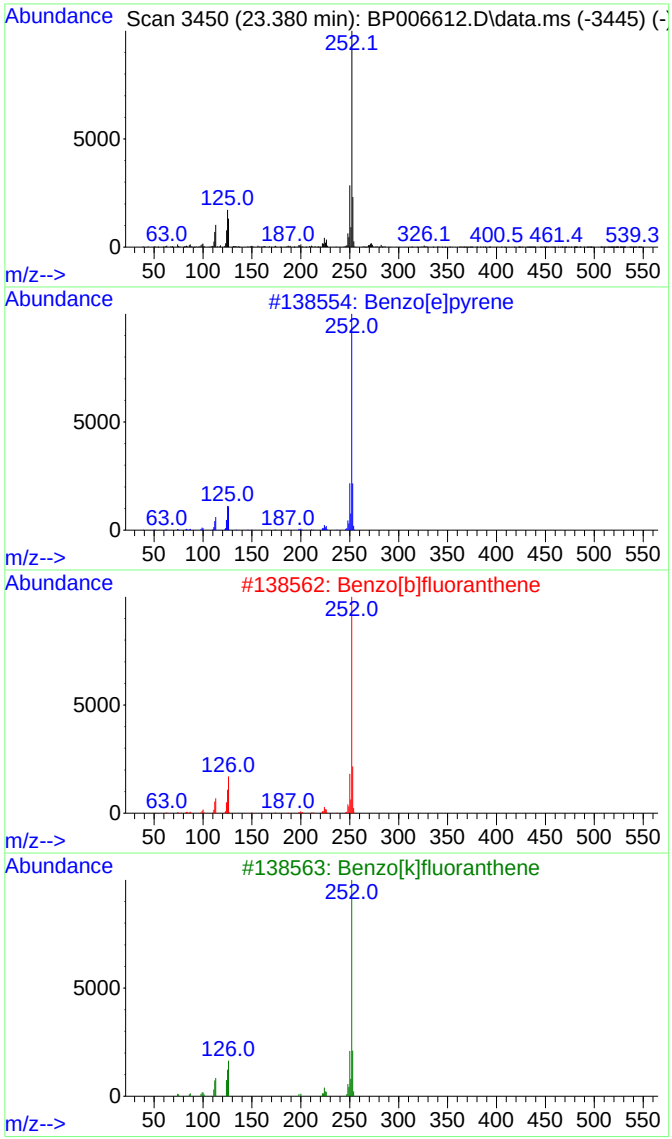
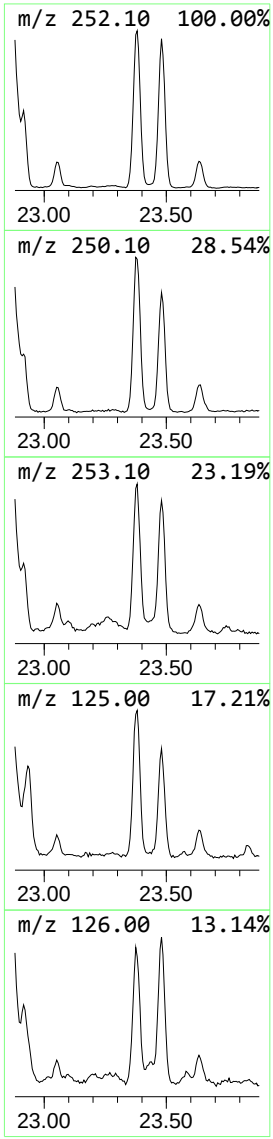
Peak Number 53 Benzo[e]pyrene Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.380 | 11.39 ng/ul | 1589640 | Perylene-d12 | 23.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzo[e]pyrene | 252 | C20H12 | 000192-97-2 | 98 |
| 2 | Benzo[b]fluoranthene | 252 | C20H12 | 000205-99-2 | 98 |
| 3 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 98 |
| 4 | Benzo[a]pyrene | 252 | C20H12 | 000050-32-8 | 95 |
| 5 | Benzo[k]fluoranthene | 252 | C20H12 | 000207-08-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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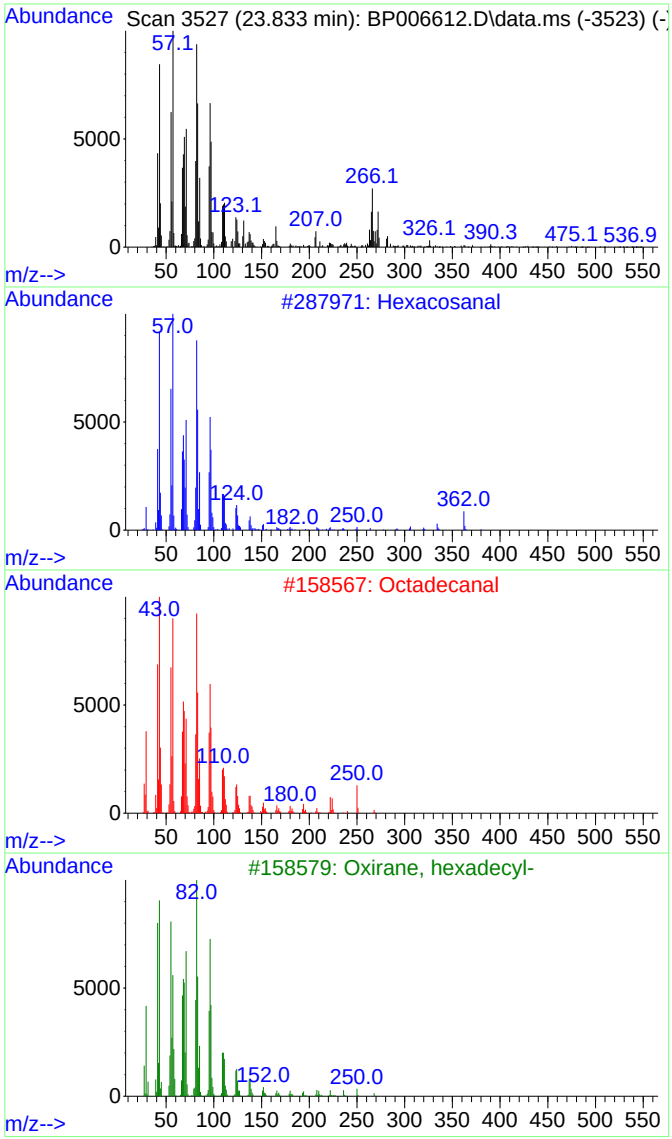
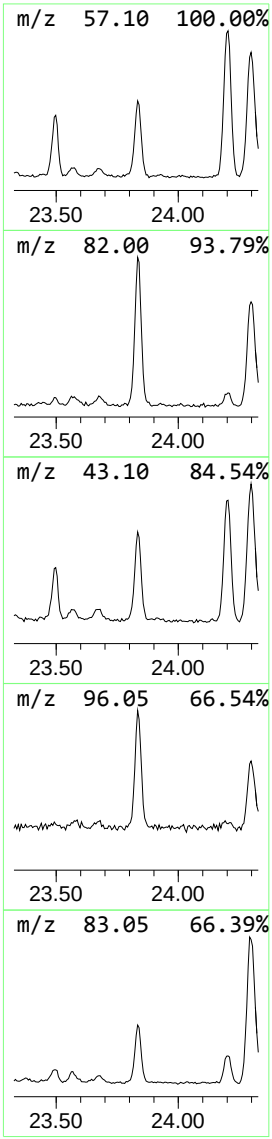
Peak Number 54 Octadecanal Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.830 | 9.77 ng/ul | 1363630 | Perylene-d12 | 23.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosanal | 380 | C26H52O | 026627-85-0 | 91 |
| 2 | Octadecanal | 268 | C18H36O | 000638-66-4 | 91 |
| 3 | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 87 |
| 4 | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 87 |
| 5 | Tetracosanal | 352 | C24H48O | 057866-08-7 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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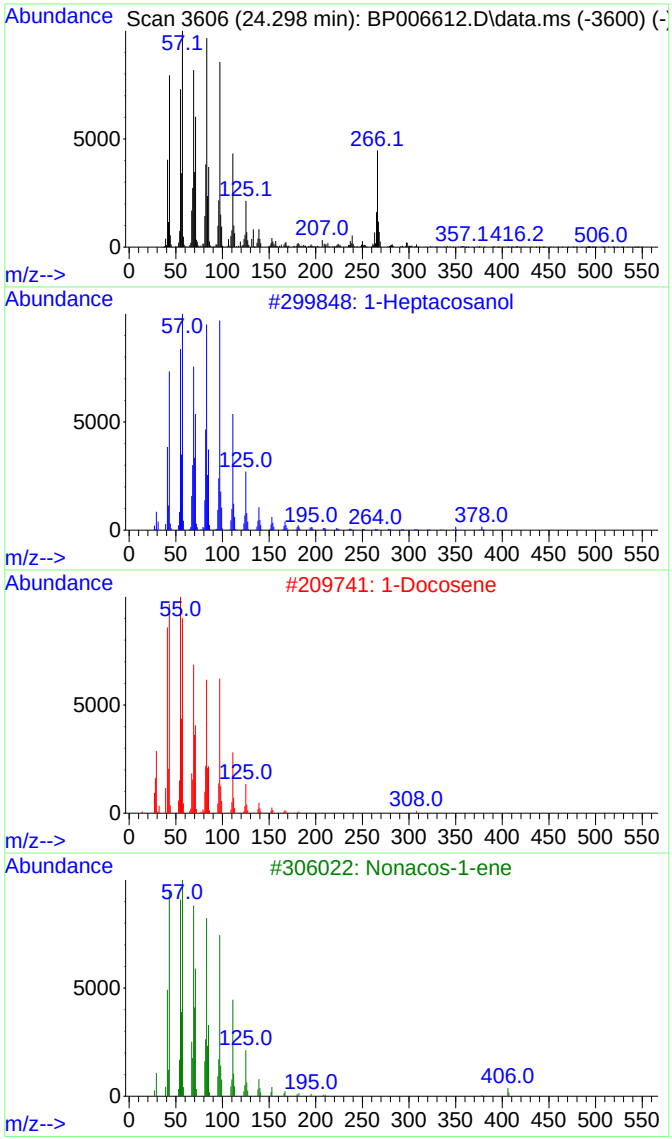
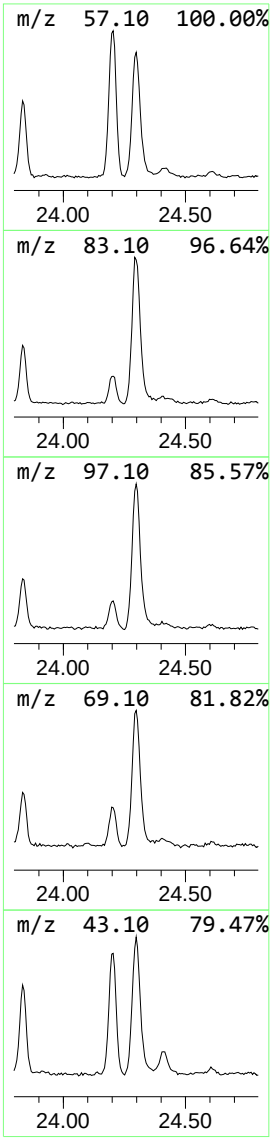
Peak Number 55 1-Heptacosanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.300 | 19.62 ng/ul | 2738790 | Perylene-d12 | 23.586 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 92 |
| 3 | Nonacos-1-ene | 406 | C29H58 | 018835-35-3 | 91 |
| 4 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |
| 5 | Octacosanol | 410 | C28H58O | 000557-61-9 | 87 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080921\
Data File : BP006612.D
Acq On : 09 Aug 2021 14:26
Operator : CG/JU
Sample : M3169-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C00A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Bacchotricuneat... | 8.970 | 4.6 | ng/ul | 357608 | 1 | 7.746 | 1566200 | 20.0 |
| Ethanol, 2-(2-b... | 10.320 | 3.6 | ng/ul | 489334 | 2 | 10.534 | 2689760 | 20.0 |
| (DEL) Alkane: S... | 11.560 | 3.9 | ng/ul | 519806 | 2 | 10.534 | 2689760 | 20.0 |
| (DEL) Alkane: S... | 11.960 | 4.8 | ng/ul | 646623 | 2 | 10.534 | 2689760 | 20.0 |
| (DEL) Alkane: S... | 13.220 | 5.6 | ng/ul | 901351 | 3 | 14.381 | 3198980 | 20.0 |
| Naphthalene, 2,... | 13.700 | 4.1 | ng/ul | 659009 | 3 | 14.381 | 3198980 | 20.0 |
| (DEL) Alkane: S... | 13.870 | 2.4 | ng/ul | 388168 | 3 | 14.381 | 3198980 | 20.0 |
| (DEL) Alkane: S... | 14.290 | 5.9 | ng/ul | 943051 | 3 | 14.381 | 3198980 | 20.0 |
| Naphthalene, 1,... | 14.790 | 4.4 | ng/ul | 702127 | 3 | 14.381 | 3198980 | 20.0 |
| Hexadecane, 2,6... | 15.250 | 6.1 | ng/ul | 980001 | 3 | 14.381 | 3198980 | 20.0 |
| 3-(2-Naphthyl)a... | 15.870 | 3.0 | ng/ul | 507429 | 4 | 17.139 | 3331620 | 20.0 |
| (DEL) Alkane: S... | 16.120 | 10.0 | ng/ul | 1662780 | 4 | 17.139 | 3331620 | 20.0 |
| 9H-Fluoren-9-one | 16.800 | 3.4 | ng/ul | 558270 | 4 | 17.139 | 3331620 | 20.0 |
| (DEL) Alkane: S... | 16.910 | 6.4 | ng/ul | 1065770 | 4 | 17.139 | 3331620 | 20.0 |
| Anthrone | 17.460 | 3.1 | ng/ul | 515150 | 4 | 17.139 | 3331620 | 20.0 |
| (DEL) Alkane: S... | 17.660 | 6.0 | ng/ul | 991200 | 4 | 17.139 | 3331620 | 20.0 |
| Phenanthrene, 1... | 18.020 | 6.3 | ng/ul | 1058520 | 4 | 17.139 | 3331620 | 20.0 |
| n-Hexadecanoic ... | 18.050 | 16.8 | ng/ul | 2790320 | 4 | 17.139 | 3331620 | 20.0 |
| Phenanthrene, 2... | 18.190 | 5.6 | ng/ul | 937200 | 4 | 17.139 | 3331620 | 20.0 |
| Phenanthrene, 4... | 18.230 | 4.3 | ng/ul | 708039 | 4 | 17.139 | 3331620 | 20.0 |
| (DEL) Alkane: S... | 18.330 | 9.8 | ng/ul | 1631280 | 4 | 17.139 | 3331620 | 20.0 |
| Naphthalene, 2-... | 18.500 | 4.5 | ng/ul | 741747 | 4 | 17.139 | 3331620 | 20.0 |
| 9,10-Anthracene... | 18.540 | 2.6 | ng/ul | 437116 | 4 | 17.139 | 3331620 | 20.0 |
| Phenanthrene, 2... | 18.900 | 7.2 | ng/ul | 1203020 | 4 | 17.139 | 3331620 | 20.0 |
| (DEL) Alkane: S... | 18.950 | 8.4 | ng/ul | 1398840 | 4 | 17.139 | 3331620 | 20.0 |
| [14]Annulene, 1... | 18.990 | 2.6 | ng/ul | 428422 | 4 | 17.139 | 3331620 | 20.0 |
| Phenanthrene, 4... | 19.040 | 3.7 | ng/ul | 622620 | 4 | 17.139 | 3331620 | 20.0 |
| 4-Imidazolidino... | 19.590 | 2.6 | ng/ul | 642634 | 5 | 21.245 | 4857080 | 20.0 |
| Pyrene, 1-methyl- | 19.830 | 3.6 | ng/ul | 883201 | 5 | 21.245 | 4857080 | 20.0 |
| 6(5H)-Phenanthr... | 19.950 | 2.3 | ng/ul | 546017 | 5 | 21.245 | 4857080 | 20.0 |
| 11H-Benzo[a]flu... | 20.000 | 2.4 | ng/ul | 572360 | 5 | 21.245 | 4857080 | 20.0 |
| (DEL) Alkane: S... | 20.030 | 3.3 | ng/ul | 789909 | 5 | 21.245 | 4857080 | 20.0 |
| Tetradecane, 1-... | 20.510 | 2.8 | ng/ul | 667902 | 5 | 21.245 | 4857080 | 20.0 |
| 11H-Benzo[a]flu... | 20.730 | 3.4 | ng/ul | 826205 | 5 | 21.245 | 4857080 | 20.0 |
| Pentadecafluoro... | 20.970 | 8.4 | ng/ul | 2040370 | 5 | 21.245 | 4857080 | 20.0 |
| (DEL) Alkane: S... | 21.400 | 3.4 | ng/ul | 821614 | 5 | 21.245 | 4857080 | 20.0 |
| (DEL) Alkane: S... | 21.870 | 15.6 | ng/ul | 3784640 | 5 | 21.245 | 4857080 | 20.0 |
| Benz(a)anthrace... | 22.480 | 11.0 | ng/ul | 1541740 | 6 | 23.586 | 2791780 | 20.0 |
| Hexacosanal | 22.590 | 10.3 | ng/ul | 1442730 | 6 | 23.586 | 2791780 | 20.0 |
| Benzo[e]pyrene | 23.380 | 11.4 | ng/ul | 1589640 | 6 | 23.586 | 2791780 | 20.0 |
| Octadecanal | 23.830 | 9.8 | ng/ul | 1363630 | 6 | 23.586 | 2791780 | 20.0 |
| 1-Heptacosanol | 24.300 | 19.6 | ng/ul | 2738790 | 6 | 23.586 | 2791780 | 20.0 |