LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCGK4

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP015961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	9	11	20	rVB6	18332	30909	0.58%	0.035%
2	3.370	27	31	40	rVB	50205	76833	1.44%	0.086%
3	3.823	105	108	120	rBV	357093	634959	11.88%	0.713%
4	3.917	120	124	131	rVV	98603	151514	2.83%	0.170%
5	4.034	139	144	149	rVB	55707	91480	1.71%	0.103%
6	4.134	158	161	167	rVB2	16360	26717	0.50%	0.030%
7	4.717	257	260	266	rVB4	11904	20350	0.38%	0.023%
8	7.240	680	689	706	rBV	480583	1353375	25.32%	1.520%
9	7.375	706	712	738	rVB	527870	1151281	21.54%	1.293%
10	7.581	740	747	767	rBV	690449	1444986	27.03%	1.623%
11	8.046	819	826	839	rVV	557590	1174508	21.97%	1.319%
12	8.169	842	847	855	rVB3	18461	42397	0.79%	0.048%
13	8.799	946	954	984	rBV	502845	1546567	28.93%	1.737%
14	9.240	1022	1029	1049	rBV	633174	1465309	27.41%	1.646%
15	9.569	1080	1085	1094	rVB	10446	20963	0.39%	0.024%
16	9.975	1145	1154	1178	rBV	405368	1260948	23.59%	1.416%
17	10.546	1244	1251	1289	rBV	486752	1763641	32.99%	1.981%
18	10.875	1300	1307	1323	rVB	877767	1902566	35.59%	2.137%
19	11.058	1331	1338	1362	rBV	266698	980817	18.35%	1.102%
20	11.246	1367	1370	1378	rVV2	23420	41350	0.77%	0.046%
21	11.340	1381	1386	1392	rBV5	11099	23043	0.43%	0.026%
22	11.752	1451	1456	1464	rBV5	6132	19170	0.36%	0.022%
23	11.857	1469	1474	1484	rBV3	29504	54252	1.01%	0.061%
24	12.269	1539	1544	1549	rBV2	16642	29356	0.55%	0.033%
25	12.487	1577	1581	1588	rVB5	11778	23903	0.45%	0.027%
26	12.569	1590	1595	1602	rBV3	16685	34276	0.64%	0.039%
27	12.769	1624	1629	1639	rBV4	13657	32415	0.61%	0.036%
28	13.199	1695	1702	1708	rBV2	27647	48962	0.92%	0.055%
29	13.493	1746	1752	1758	rBV2	27942	46053	0.86%	0.052%
30	13.575	1758	1766	1772	rVV4	32808	71465	1.34%	0.080%
31	13.669	1776	1782	1788	rBV	107083	144985	2.71%	0.163%
32	14.016	1834	1841	1848	rBV7	23348	61754	1.16%	0.069%
33	14.110	1848	1857	1876	rVV	1508665	2799381	52.36%	3.144%
34	14.393	1898	1905	1919	rBV	2082320	3445938	64.46%	3.871%
35	14.499	1920	1923	1929	rVV8	26977	46732	0.87%	0.052%
36	14.557	1929	1933	1942	rVB	45828	72409	1.35%	0.081%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

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-BP062623.MA.M
Title : SVOA CALIBRATION

37	14.634	1942	1946	1950	rBV6	22036	35565	0.67%	0.040%
38	14.699	1950	1957	1965	rVV	1492034	2486497	46.51%	2.793%
39	14.757	1965	1967	1976	rVB	49166	78915	1.48%	0.089%
40	14.916	1988	1994	2002	rBV	7336	20273	0.38%	0.023%
41	15.004	2002	2009	2023	rBV2	204511	798987	14.95%	0.897%
42	15.169	2035	2037	2048	rVB8	36202	80283	1.50%	0.090%
43	15.310	2057	2061	2068	rBV3	18507	32721	0.61%	0.037%
44	15.457	2082	2086	2089	rBV4	25778	39343	0.74%	0.044%
45	15.510	2092	2095	2101	rVB2	52231	69611	1.30%	0.078%
46	15.698	2119	2127	2151	rBV	2293730	4229688	79.12%	4.751%
47	15.875	2151	2157	2177	rBV2	305847	911491	17.05%	1.024%
48	16.063	2183	2189	2198	rBV	405994	647334	12.11%	0.727%
49	16.204	2209	2213	2218	rBV5	17664	31918	0.60%	0.036%
50	16.387	2238	2244	2249	rBV3	95111	204580	3.83%	0.230%
51	16.540	2266	2270	2278	rBV7	47605	93967	1.76%	0.106%
52	16.728	2297	2302	2303	rBV5	16927	26516	0.50%	0.030%
53	16.834	2317	2320	2326	rVB6	31420	42841	0.80%	0.048%
54	16.981	2342	2345	2349	rBV3	27120	34774	0.65%	0.039%
55	17.169	2370	2377	2382	rVV3	84756	157452	2.95%	0.177%
56	17.275	2392	2395	2400	rVB2	36868	49358	0.92%	0.055%
57	17.328	2400	2404	2410	rBV	212416	296798	5.55%	0.333%
58	17.392	2411	2415	2420	rVV	153453	195230	3.65%	0.219%
59	17.457	2420	2426	2430	rVV	2025309	2930019	54.81%	3.291%
60	17.498	2430	2433	2438	rVV	856427	1262039	23.61%	1.418%
61	17.563	2438	2444	2463	rVB2	2301401	4206788	78.69%	4.725%
62	17.887	2494	2499	2501	rBV2	134223	204333	3.82%	0.230%
63	18.057	2524	2528	2531	rBV4	64162	100699	1.88%	0.113%
64	18.198	2544	2552	2557	rBV3	172175	316247	5.92%	0.355%
65	18.251	2557	2561	2566	rVV	248082	361191	6.76%	0.406%
66	18.310	2566	2571	2578	rVV2	2628250	3585016	67.06%	4.027%
67	18.375	2579	2582	2593	rVB2	251230	480369	8.99%	0.540%
68	18.510	2600	2605	2609	rBV2	199069	340547	6.37%	0.383%
69	18.545	2609	2611	2614	rBV	63436	62605	1.17%	0.070%
70	18.575	2614	2616	2618	rBV	52751	50545	0.95%	0.057%
71	18.798	2651	2654	2658	rBV	90618	116100	2.17%	0.130%
72	18.869	2662	2666	2676	rVB3	158048	340077	6.36%	0.382%
73	19.192	2716	2721	2727	rBV2	187352	412481	7.72%	0.463%
74	19.363	2747	2750	2753	rBV2	74895	89873	1.68%	0.101%
75	19.398	2753	2756	2757	rVV2	130552	134534	2.52%	0.151%
76	19.457	2758	2766	2773	rVV	2526358	3804797	71.17%	4.274%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

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-BP062623.MA.M
Title : SVOA CALIBRATION

77	19.534	2775	2779	2790	rVB2	734861	1064923	19.92%	1.196%
78	19.739	2812	2814	2817	rVB	111375	93037	1.74%	0.105%
79	19.786	2817	2822	2825	rBV	3424171	5346078	100.00%	6.005%
80	19.816	2825	2827	2834	rVV	1825991	2043059	38.22%	2.295%
81	19.881	2836	2838	2843	rVB	119311	145633	2.72%	0.164%
82	20.257	2899	2902	2906	rBV2	271055	430124	8.05%	0.483%
83	20.392	2923	2925	2928	rBV	86854	88961	1.66%	0.100%
84	20.586	2954	2958	2962	rBV3	202741	328652	6.15%	0.369%
85	20.739	2981	2984	2987	rBV	161701	163968	3.07%	0.184%
86	21.039	3032	3035	3043	rVB	267420	381098	7.13%	0.428%
87	21.192	3058	3061	3063	rBV	649811	684573	12.81%	0.769%
88	21.228	3063	3067	3072	rVB2	978733	1399585	26.18%	1.572%
89	21.333	3083	3085	3090	rVB	240542	315075	5.89%	0.354%
90	21.545	3112	3121	3125	rBV2	2073684	4361598	81.59%	4.899%
91	21.586	3125	3128	3133	rVB	819532	1185760	22.18%	1.332%
92	22.116	3215	3218	3221	rBV	491648	540851	10.12%	0.608%
93	23.216	3400	3405	3413	rVB	1165370	1957571	36.62%	2.199%
94	23.316	3415	3422	3436	rVV	1039414	3733013	69.83%	4.193%
95	23.869	3510	3516	3520	rBV2	622420	1498550	28.03%	1.683%
96	23.922	3520	3525	3530	rVB	1299449	2354967	44.05%	2.645%
97	24.086	3548	3553	3560	rBV	838630	1689114	31.60%	1.897%
98	24.645	3642	3648	3657	rVB	1692673	3724867	69.67%	4.184%
99	24.822	3674	3678	3697	rVB4	669807	1992083	37.26%	2.238%
100	26.592	3974	3979	3989	rVB	757434	2003776	37.48%	2.251%

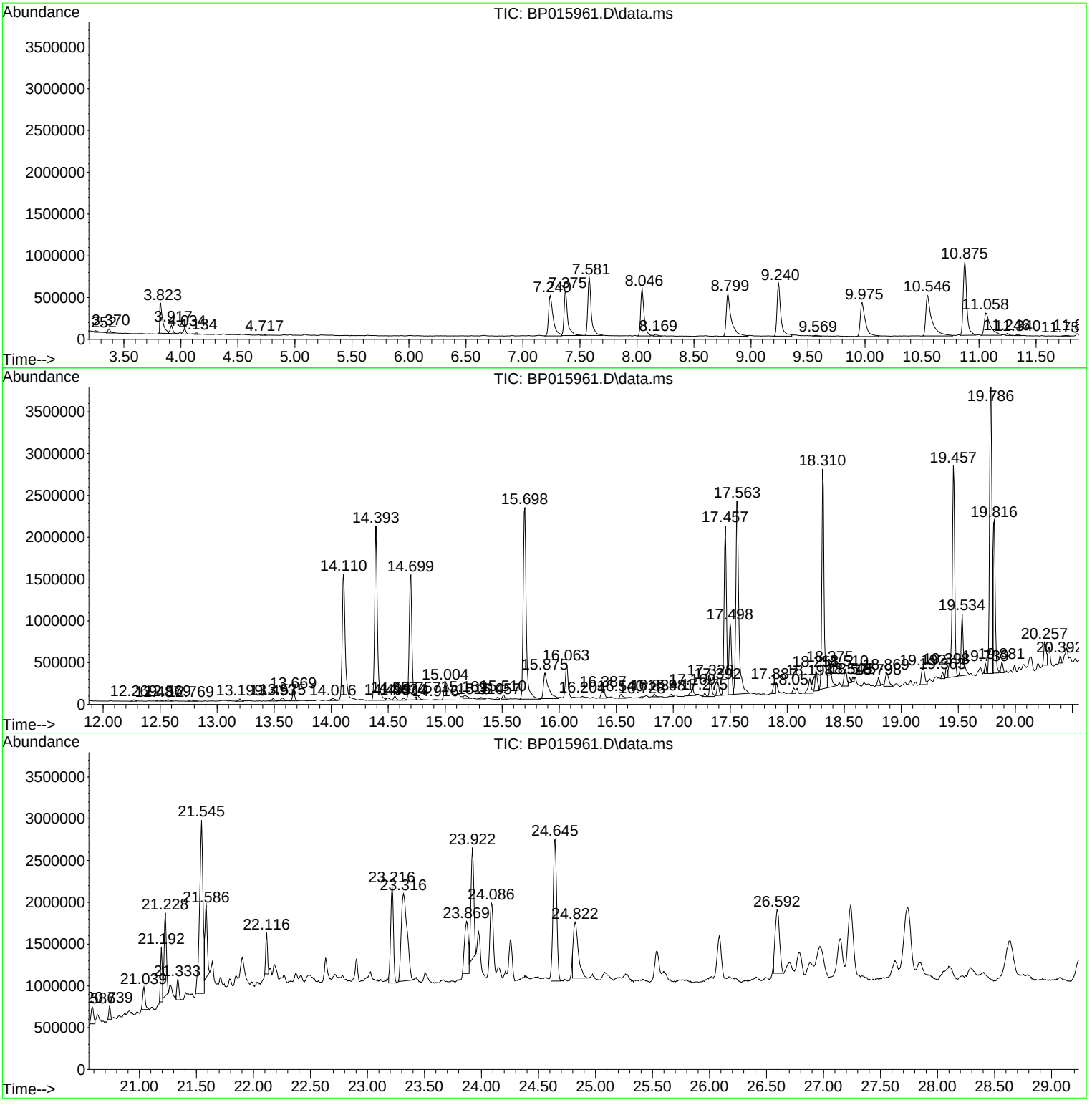
Sum of corrected areas: 89024882

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

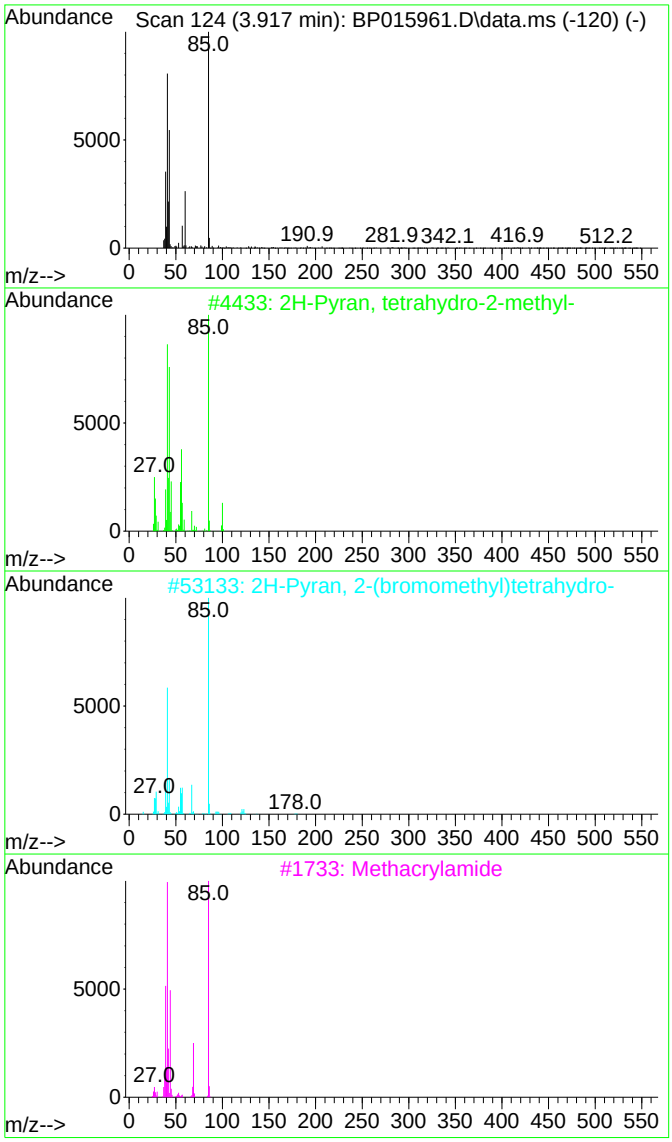
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

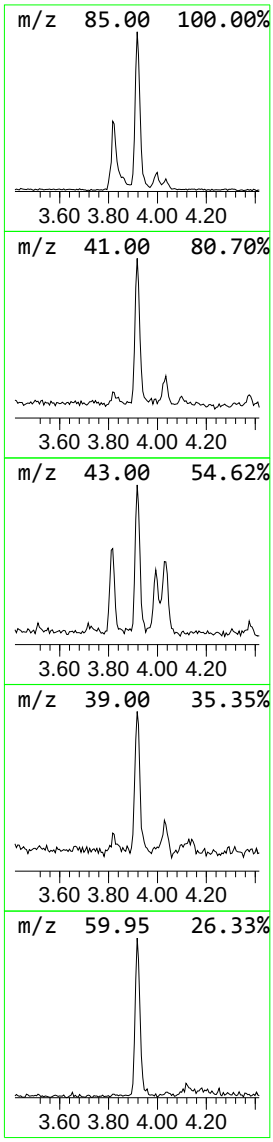
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.917	2.58 ng/ul	151514	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	64
2	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	50
3	Methacrylamide	85	C4H7NO	000079-39-0	45
4	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	40
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

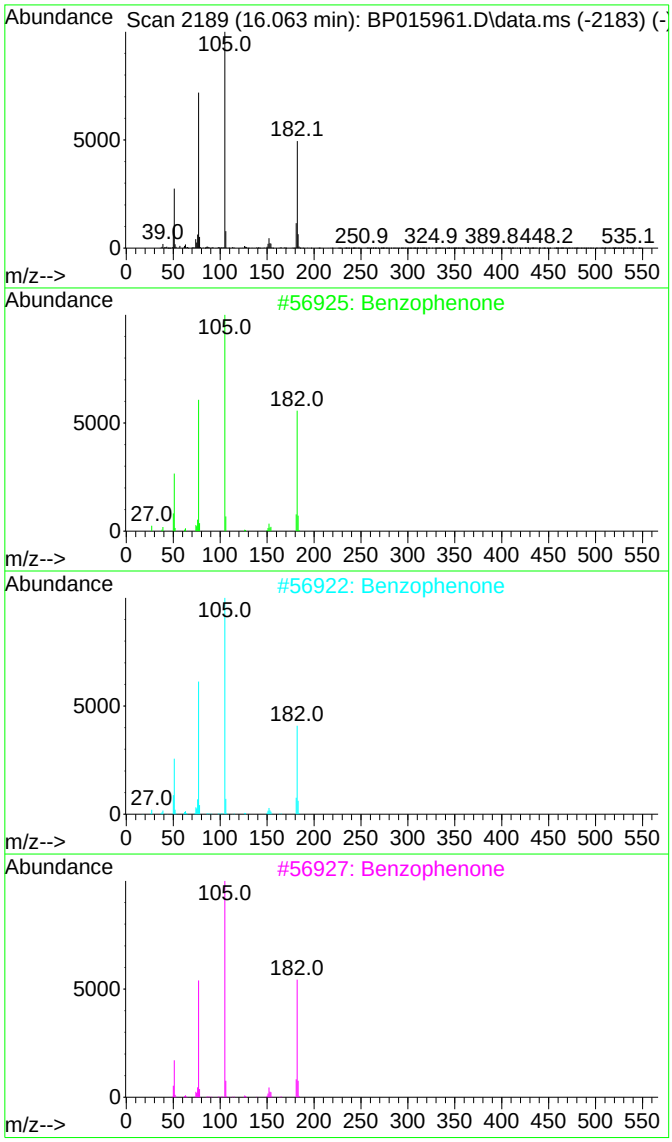
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

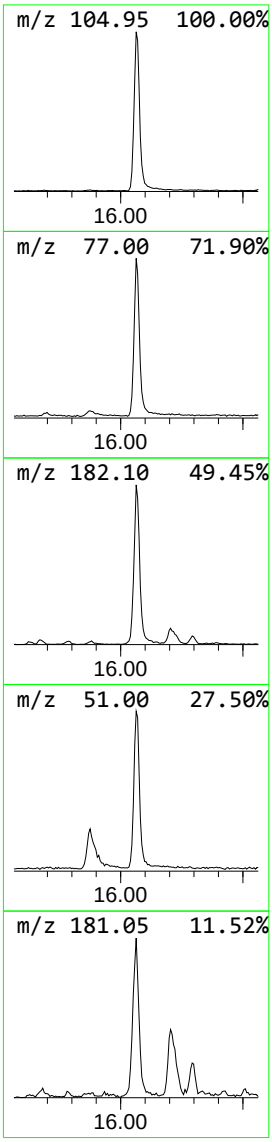
****

Peak Number 2 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	5.21 ng/ul	647334	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

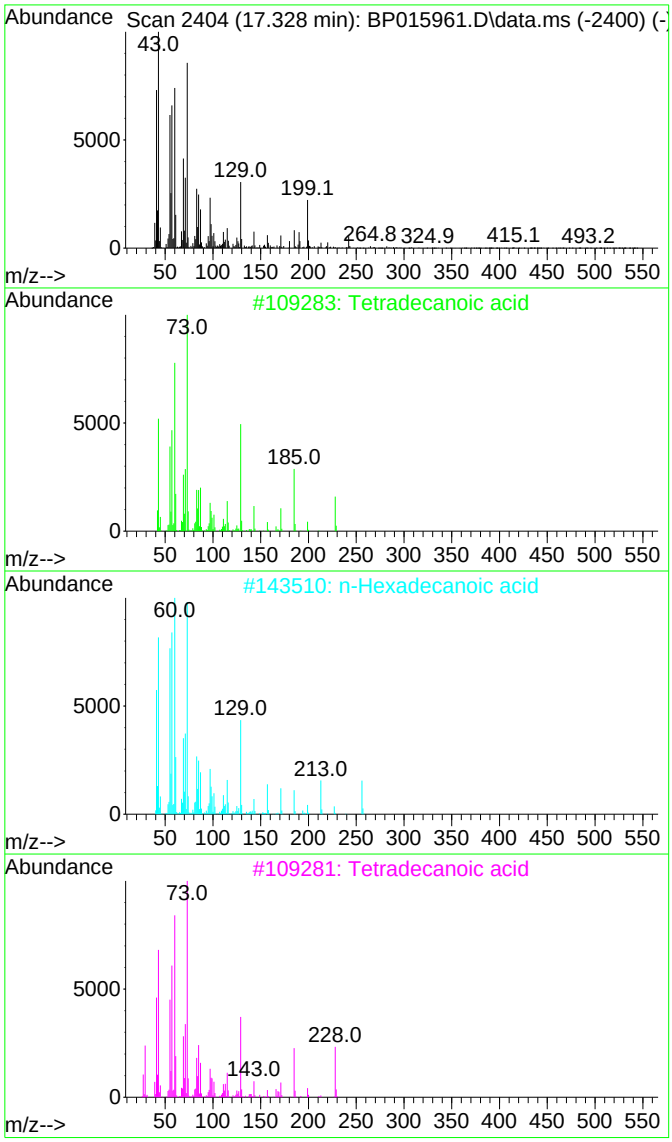
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

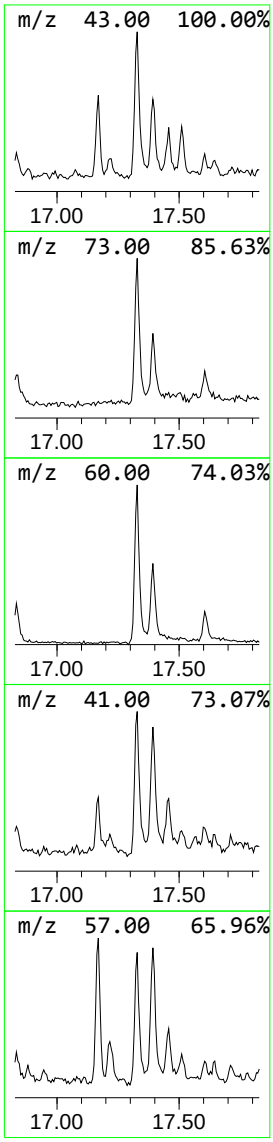
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetradecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.328	2.03 ng/ul	296798	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

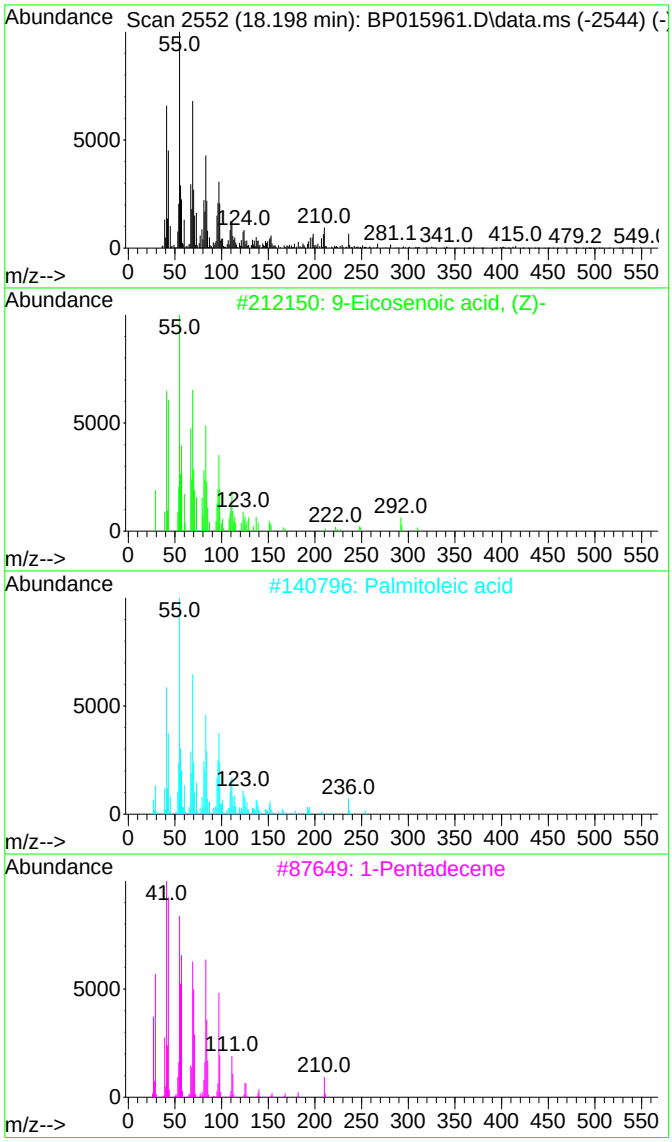
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

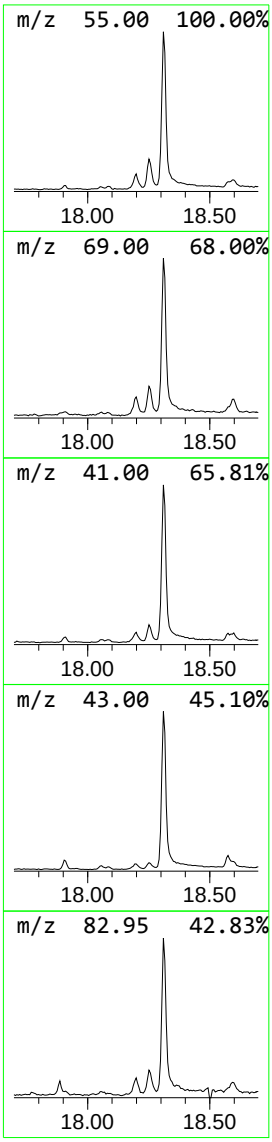
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9-Eicosenoic acid, (Z)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	2.16 ng/ul	316247	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosenoic acid, (Z)-	310	C20H38O2	029204-02-2	91
2	Palmitoleic acid	254	C16H30O2	000373-49-9	83
3	1-Pentadecene	210	C15H30	013360-61-7	83
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81
5	Heptadecanolide	268	C17H32O2	005637-97-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

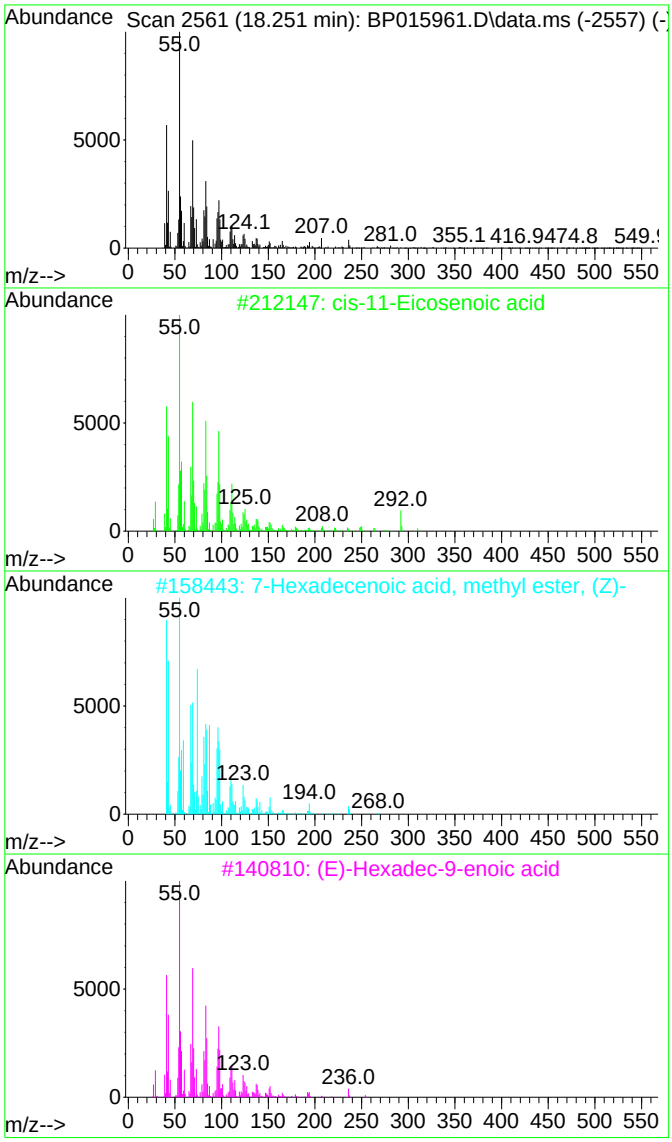
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

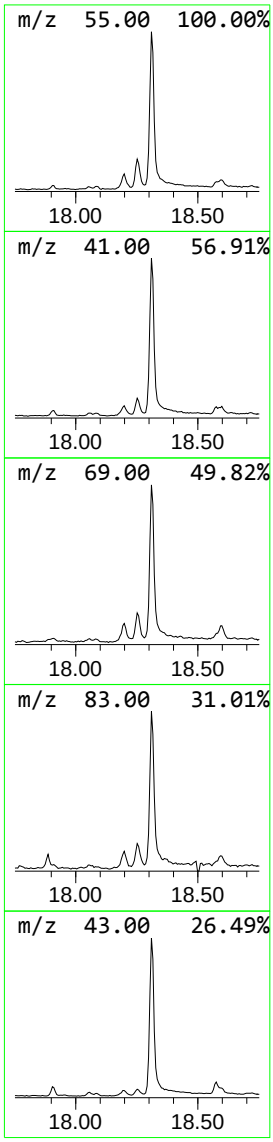
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 cis-11-Eicosenoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.251	2.47 ng/ul	361191	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	93
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	91
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	Myristoleic acid	226	C14H26O2	000544-64-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

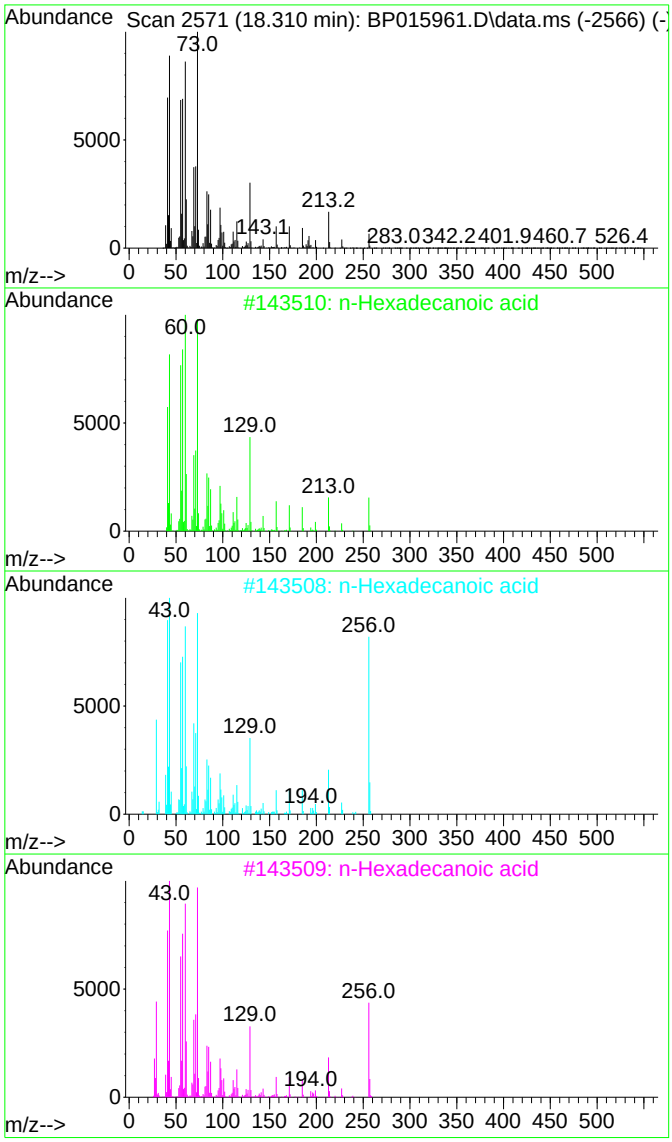
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

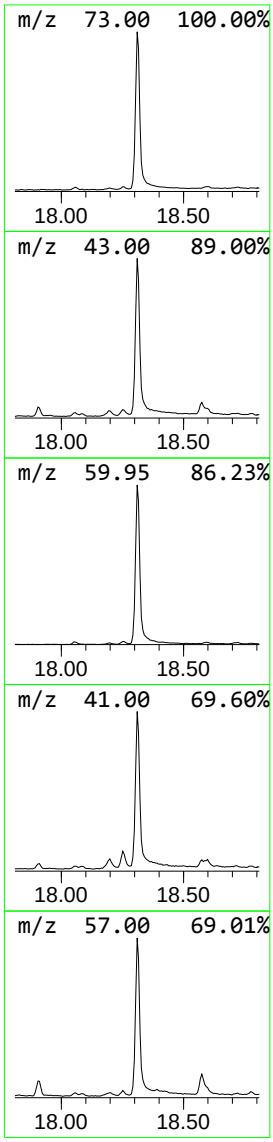
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	24.47 ng/ul	3585020	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

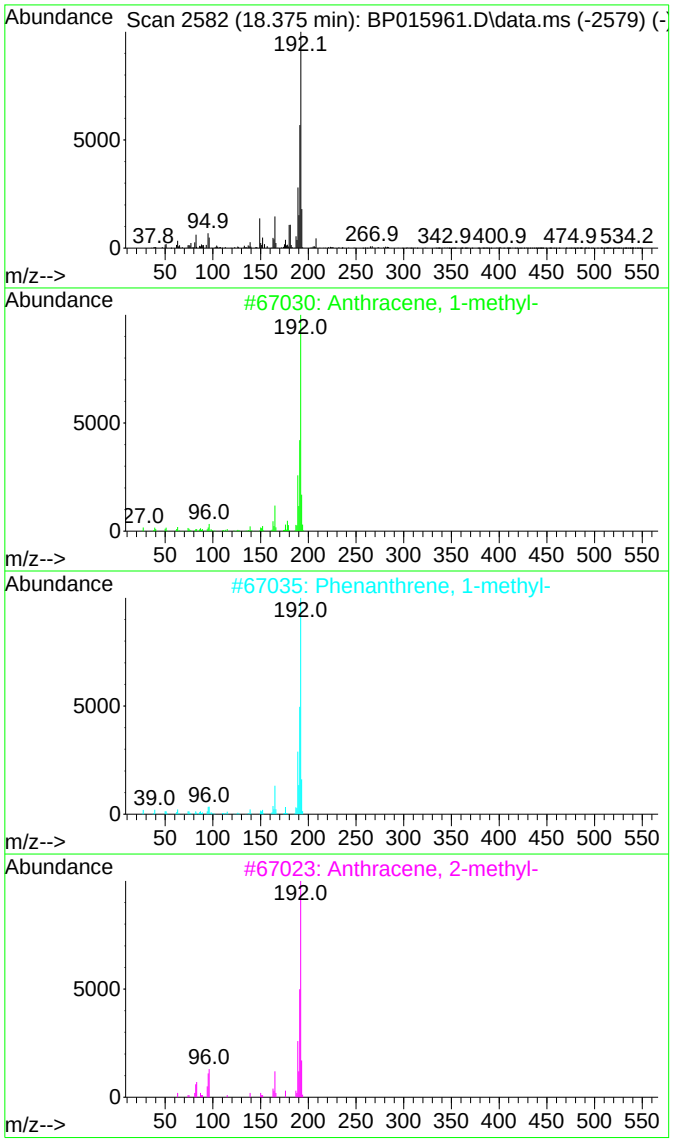
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

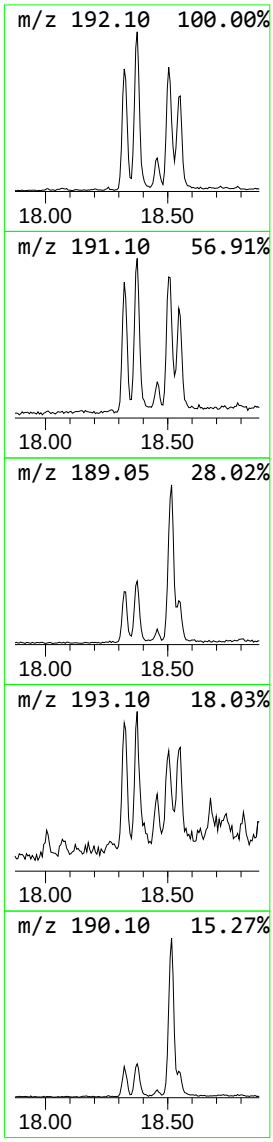
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	3.28 ng/ul	480369	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

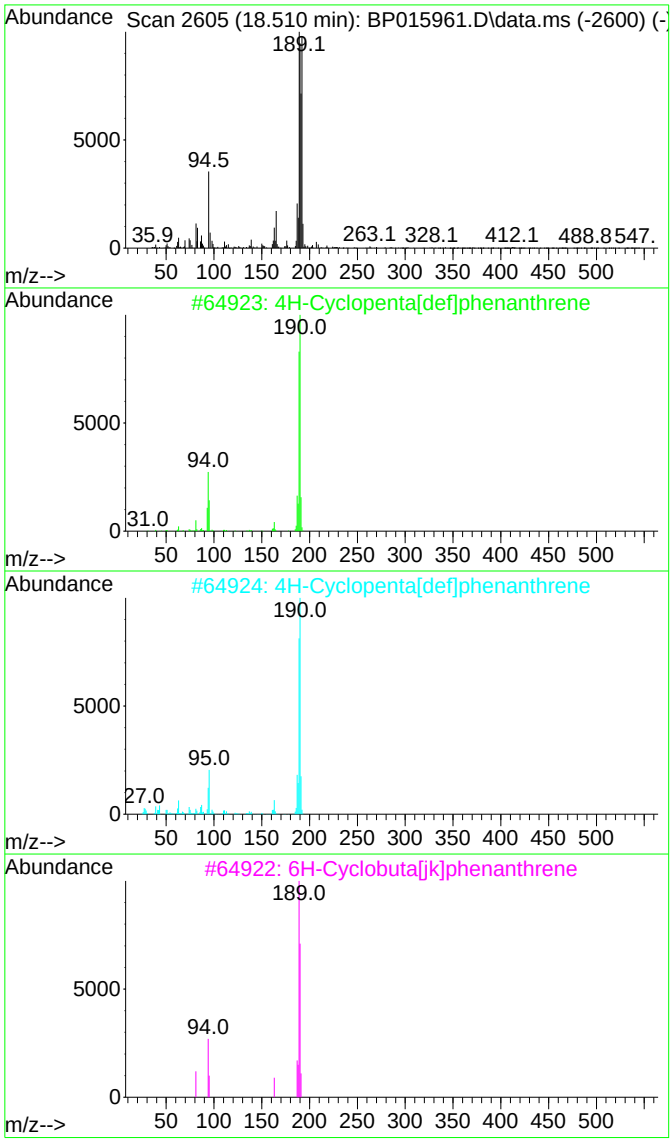
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

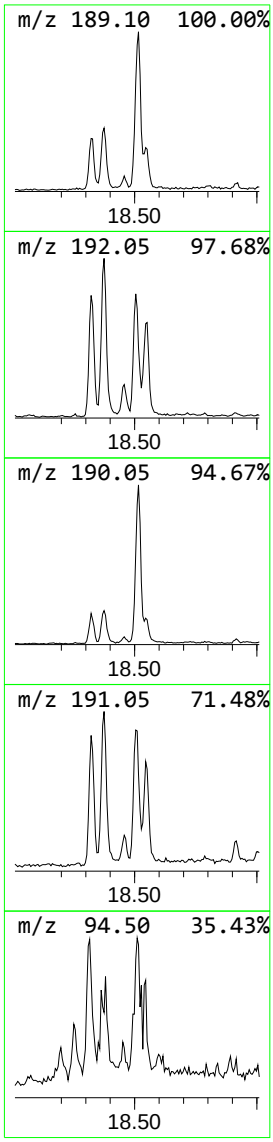
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	2.32 ng/ul	340547	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

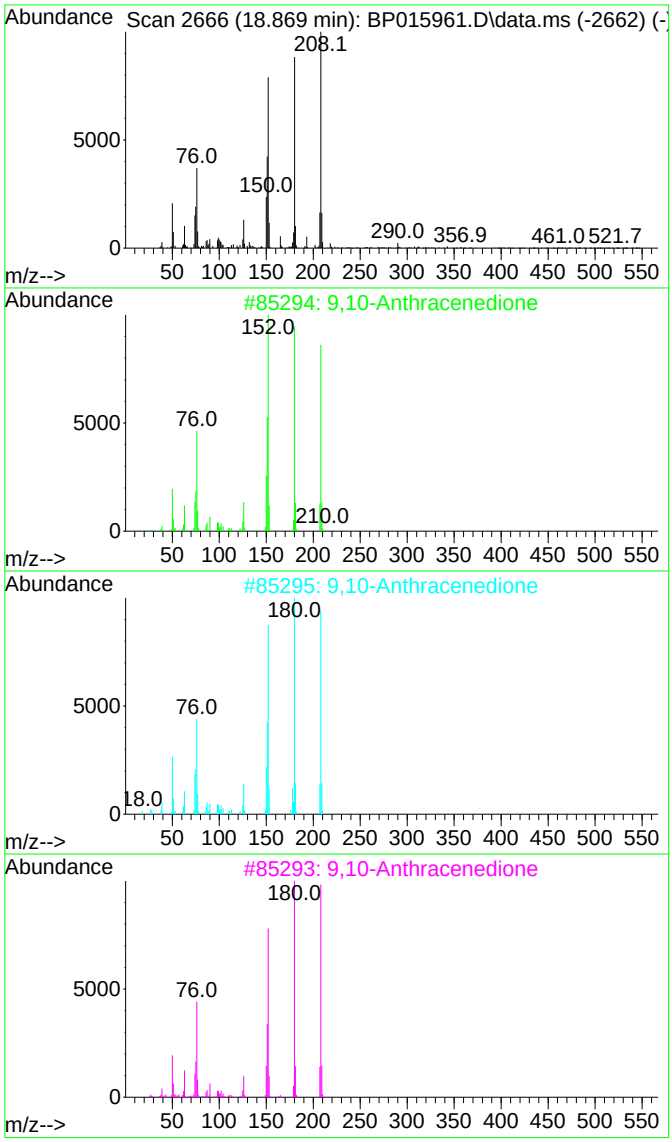
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

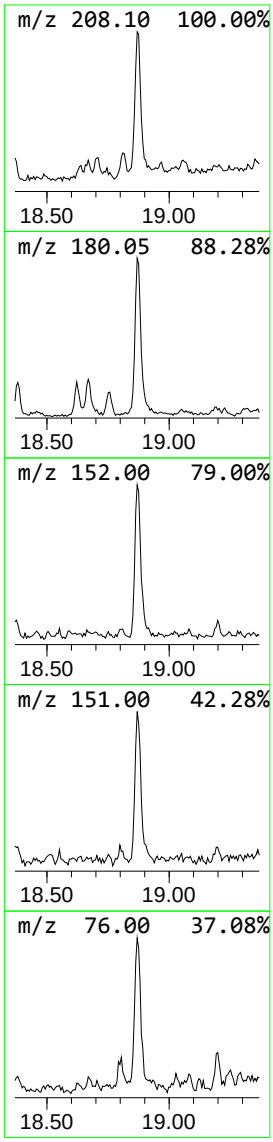
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.32 ng/ul	340077	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

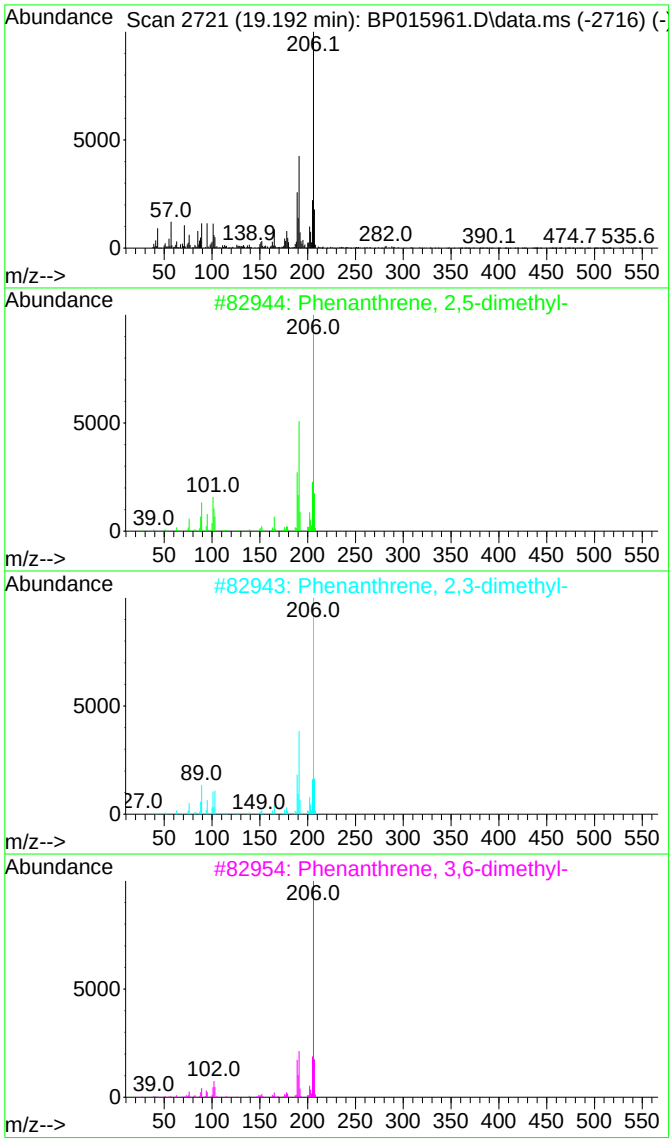
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

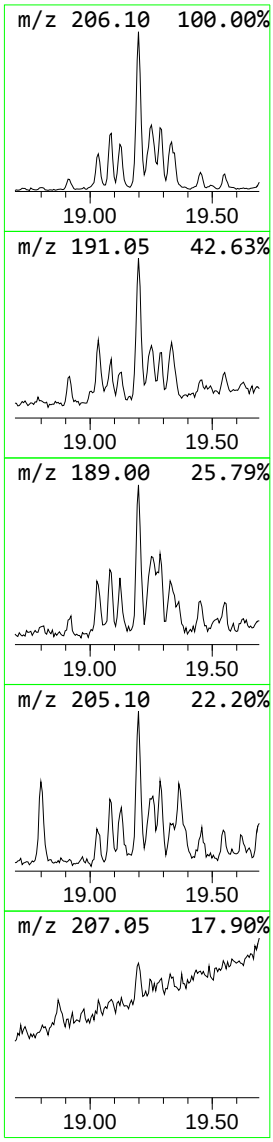
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	2.82 ng/ul	412481	Phenanthrene-d10	17.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

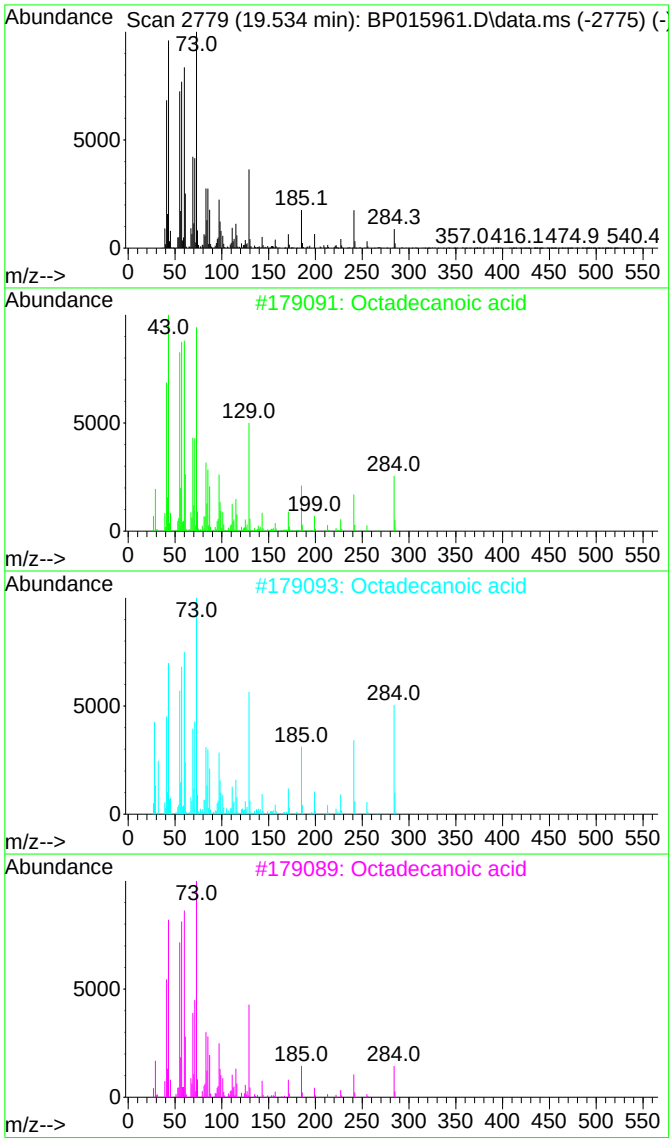
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

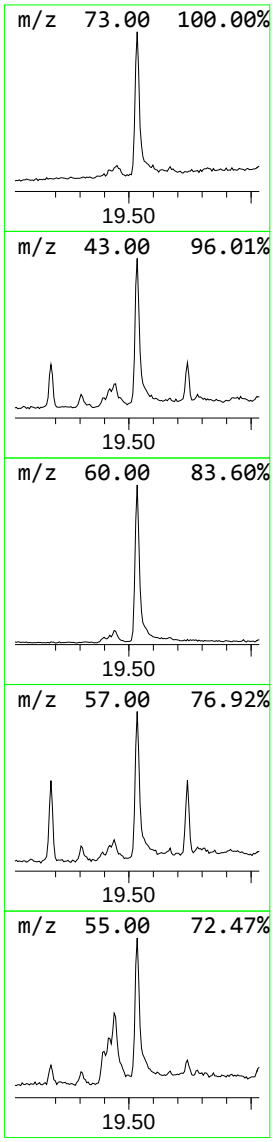
****

Peak Number 11 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.534	4.88 ng/ul	1064920	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

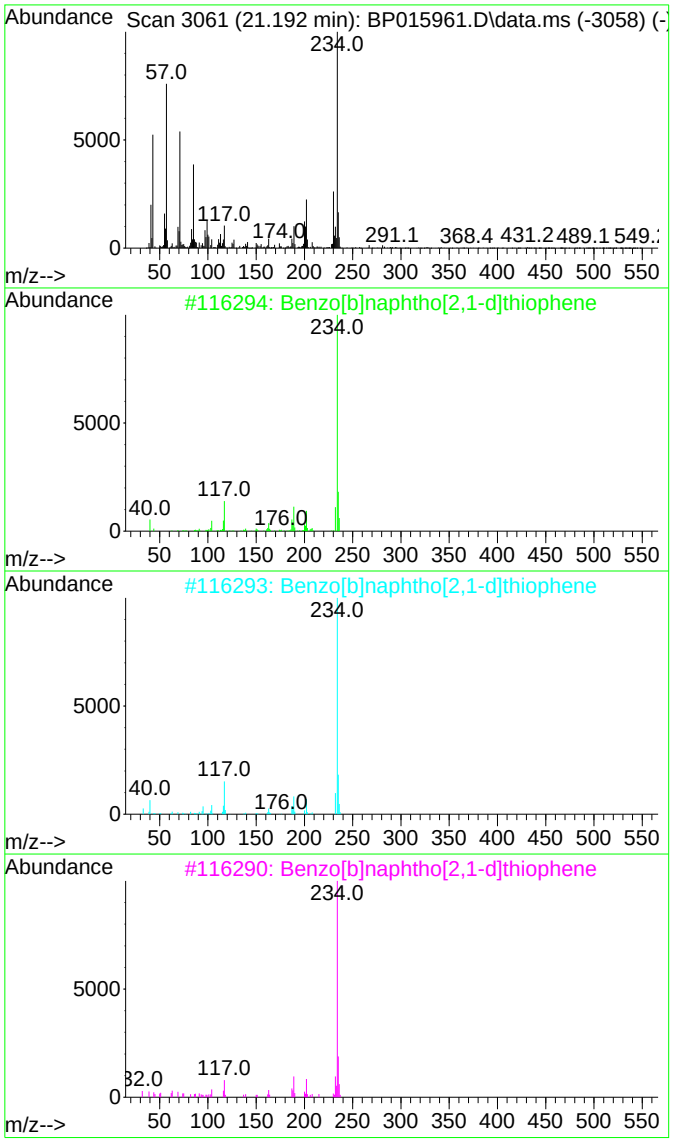
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

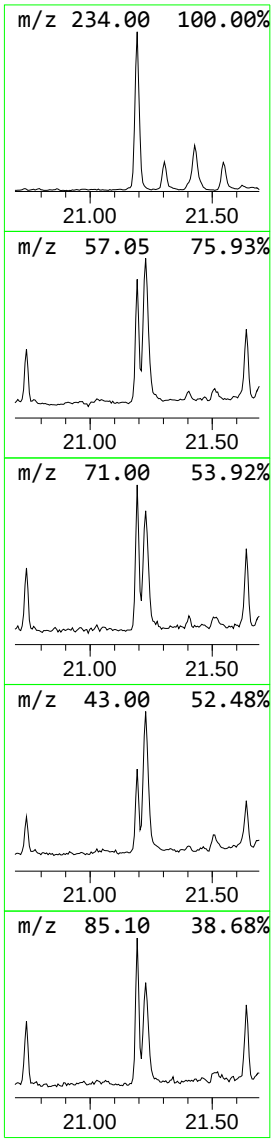
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	3.14 ng/ul	684573	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	80
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	50
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	38
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

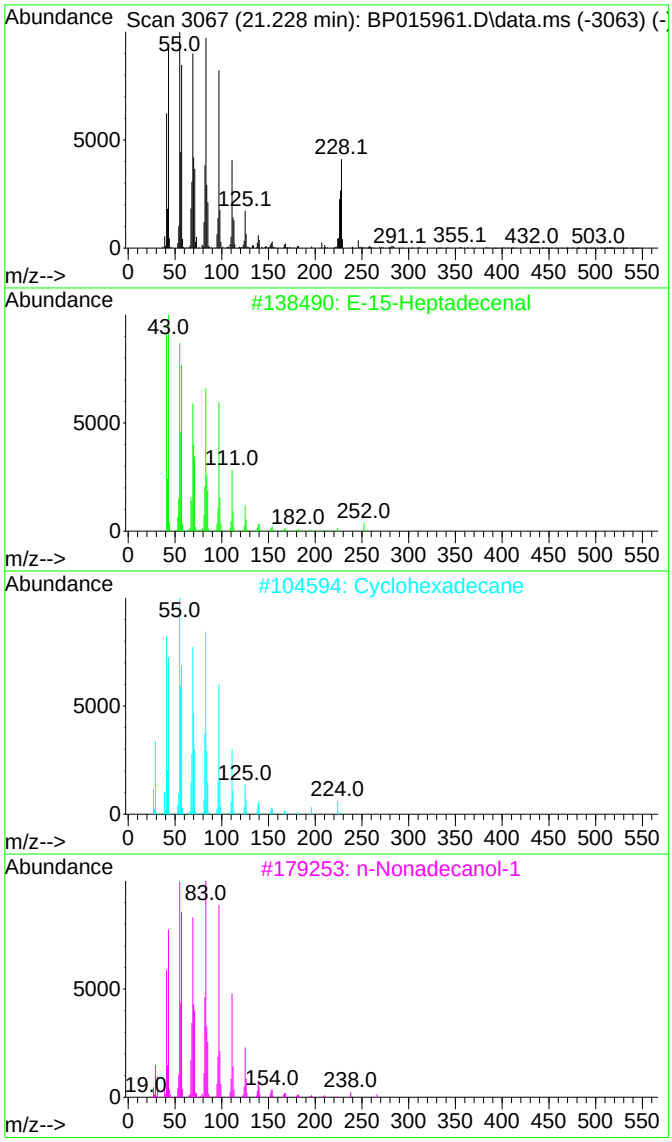
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

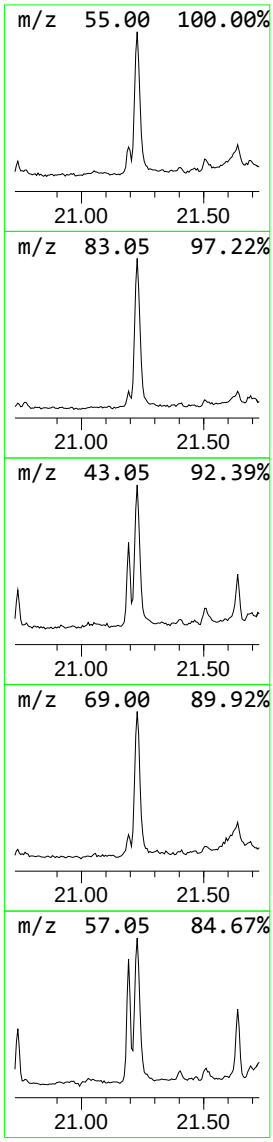
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 E-15-Heptadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.228	6.42 ng/ul	1399590	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	1-Octadecanol	270	C18H38O	000112-92-5	93
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

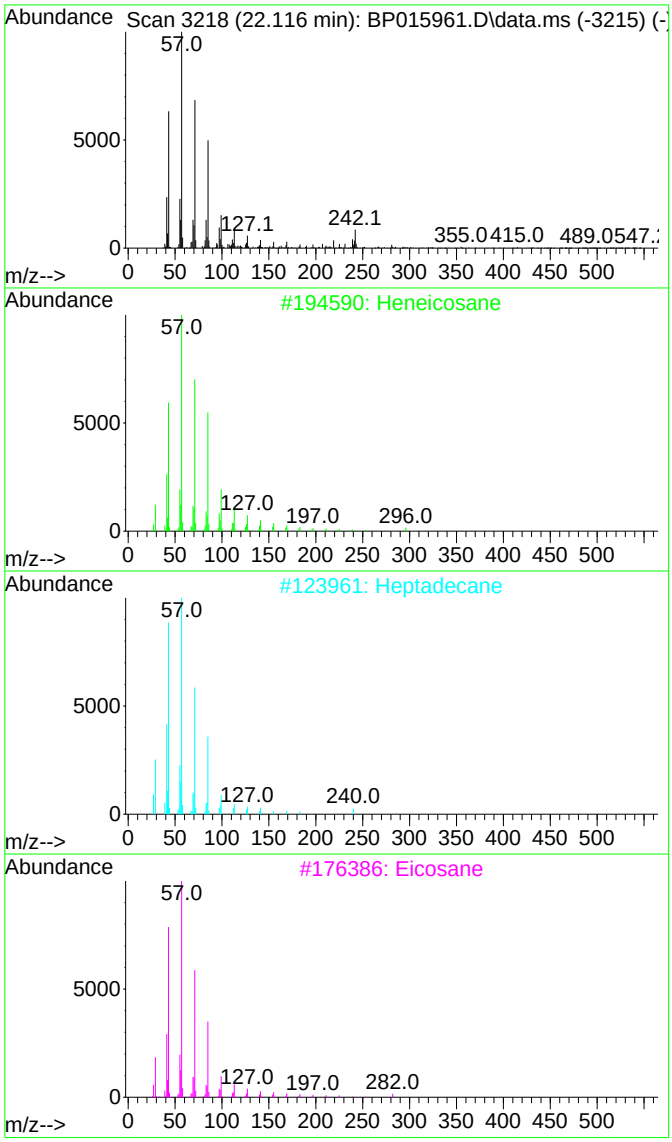
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

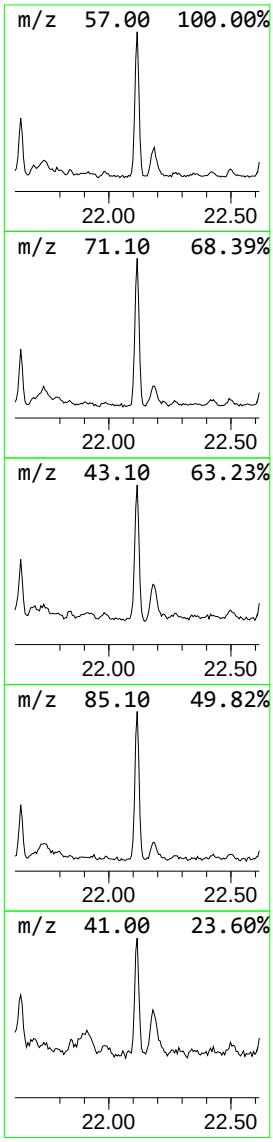
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.116	2.48 ng/ul	540851	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	94
3	Eicosane	282	C20H42	000112-95-8	90
4	9-Methylheneicosane	310	C22H46	070475-51-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

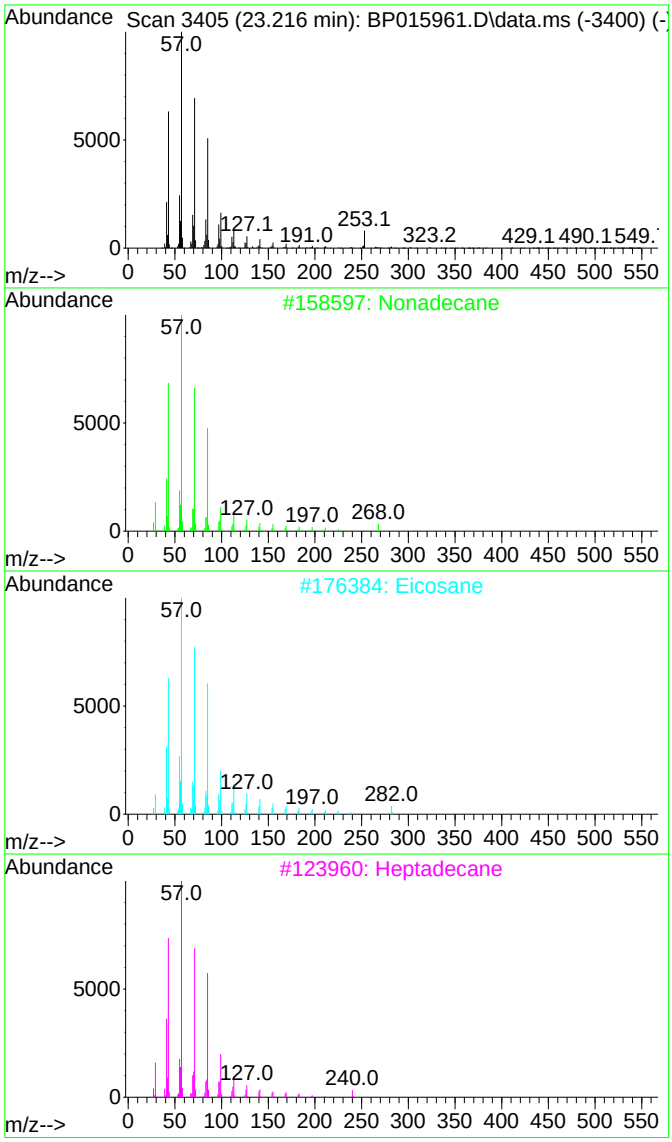
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

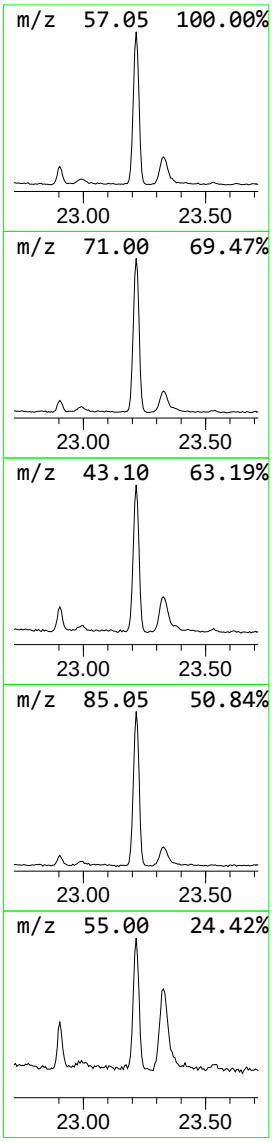
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.216	23.18 ng/ul	1957570	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

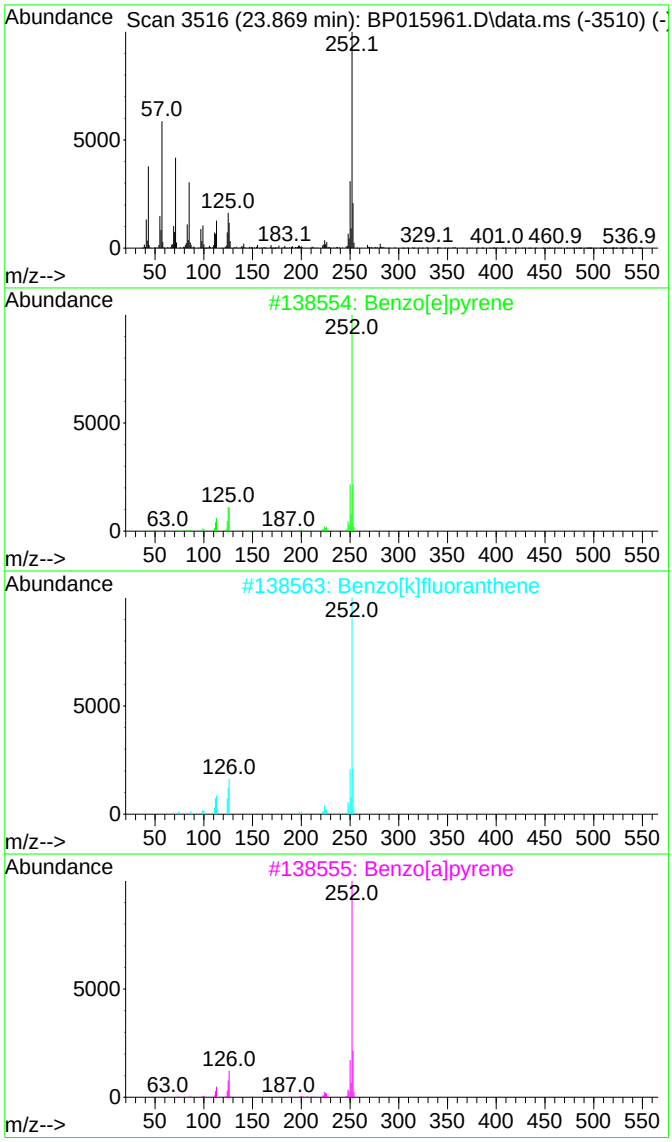
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

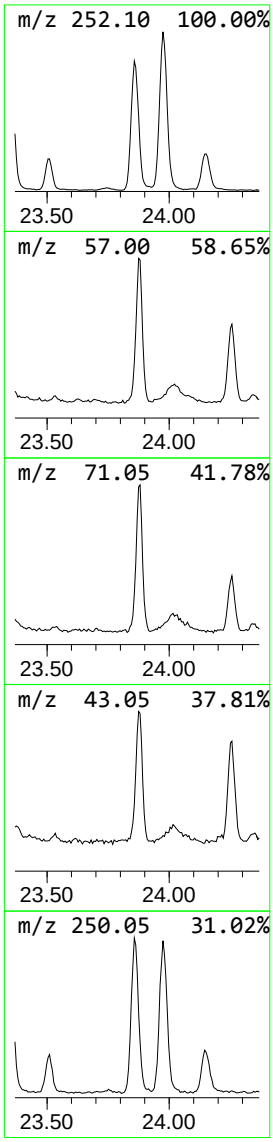
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.869	17.74 ng/ul	1498550	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

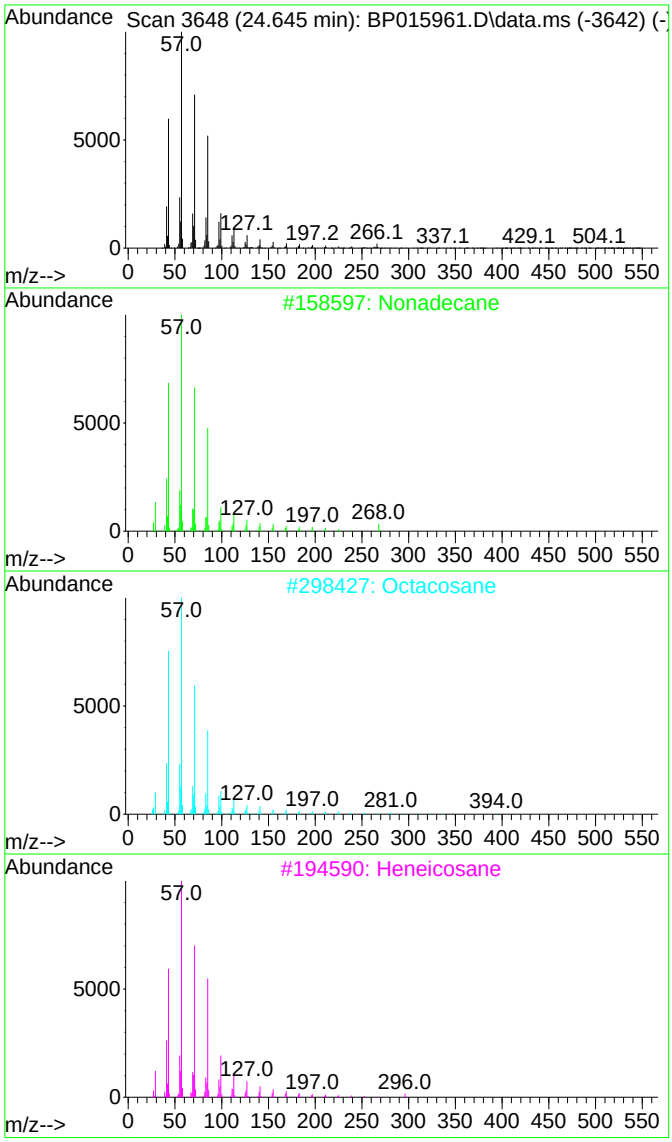
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

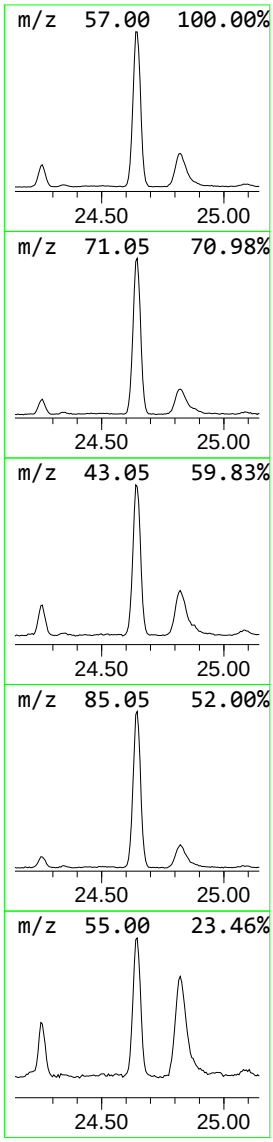
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	44.10 ng/ul	3724870	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

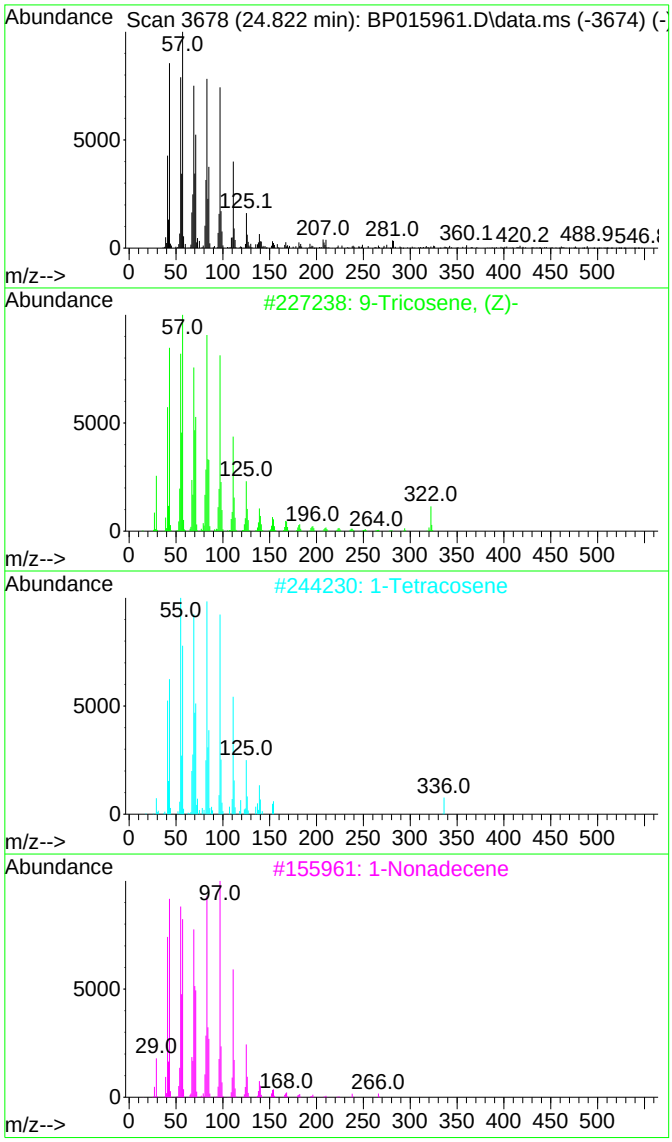
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

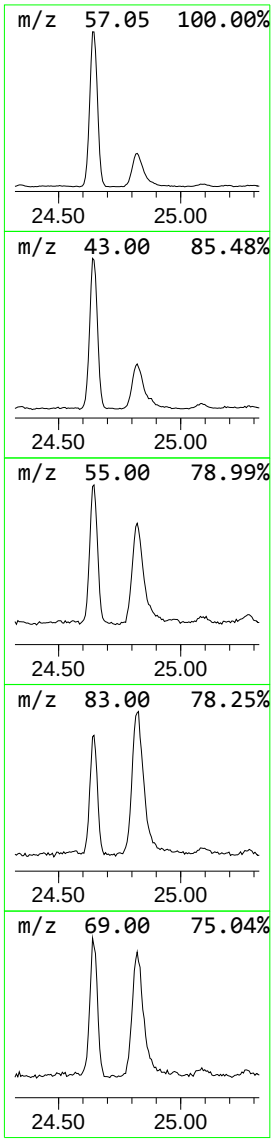
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.822	23.59 ng/ul	1992080	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	98
2	1-Tetracosene	336	C24H48	010192-32-2	98
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

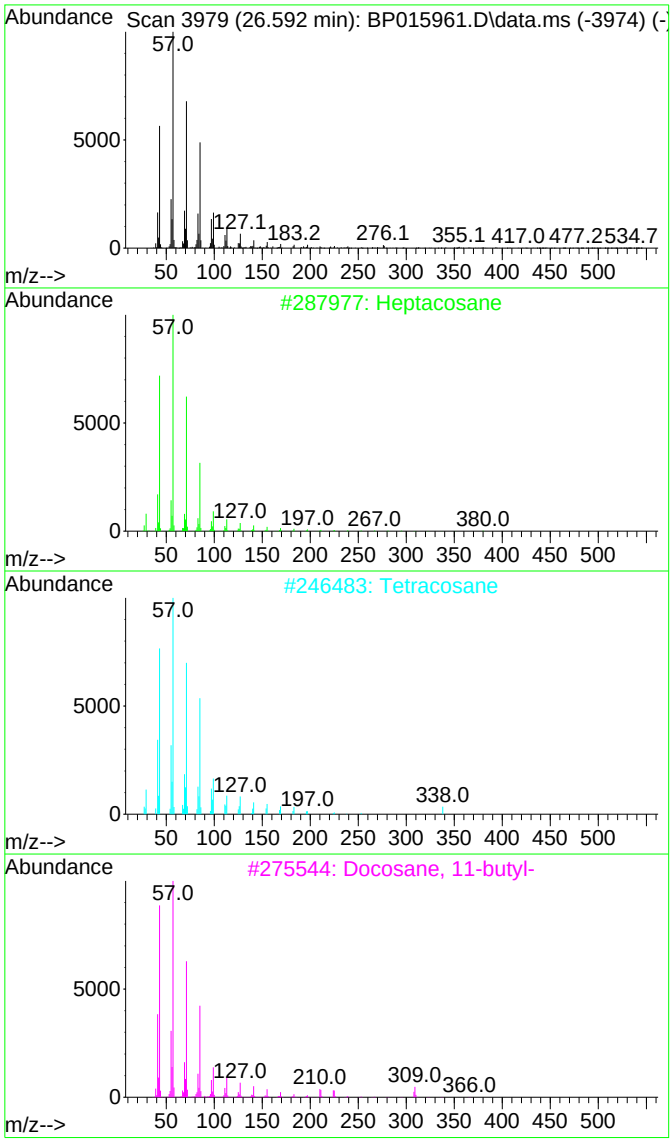
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

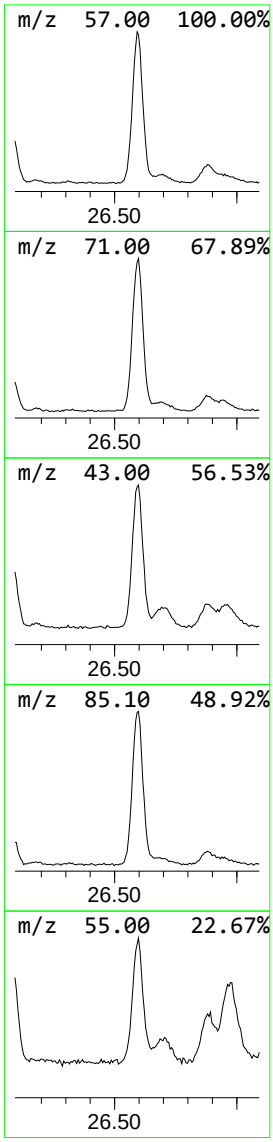
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.592	23.73 ng/ul	2003780	Perylene-d12	24.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
Data File : BP015961.D
Acq On : 03 Jul 2023 21:09
Operator : MA/JU
Sample : 03353-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCGK4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.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
2H-Pyran, tetra...	3.917	2.6	ng/ul	151514	1	8.046	1174510	20.0
Benzophenone	16.063	5.2	ng/ul	647334	3	14.698	2486500	20.0
Tetradecanoic acid	17.328	2.0	ng/ul	296798	4	17.457	2930020	20.0
9-Eicosenoic ac...	18.198	2.2	ng/ul	316247	4	17.457	2930020	20.0
cis-11-Eicoseno...	18.251	2.5	ng/ul	361191	4	17.457	2930020	20.0
n-Hexadecanoic ...	18.310	24.5	ng/ul	3585020	4	17.457	2930020	20.0
Anthracene, 1-m...	18.375	3.3	ng/ul	480369	4	17.457	2930020	20.0
4H-Cyclopenta[d...	18.510	2.3	ng/ul	340547	4	17.457	2930020	20.0
9,10-Anthracene...	18.869	2.3	ng/ul	340077	4	17.457	2930020	20.0
Phenanthrene, 2...	19.192	2.8	ng/ul	412481	4	17.457	2930020	20.0
Octadecanoic acid	19.534	4.9	ng/ul	1064920	5	21.545	4361600	20.0
Benzo[b]naphtho...	21.192	3.1	ng/ul	684573	5	21.545	4361600	20.0
E-15-Heptadecenal	21.228	6.4	ng/ul	1399590	5	21.545	4361600	20.0
(DEL) Alkane: S...	22.116	2.5	ng/ul	540851	5	21.545	4361600	20.0
(DEL) Alkane: S...	23.216	23.2	ng/ul	1957570	6	24.086	1689110	20.0
Benzo[e]pyrene	23.869	17.7	ng/ul	1498550	6	24.086	1689110	20.0
(DEL) Alkane: S...	24.645	44.1	ng/ul	3724870	6	24.086	1689110	20.0
(DEL) Alkane: S...	24.822	23.6	ng/ul	1992080	6	24.086	1689110	20.0
(DEL) Alkane: S...	26.592	23.7	ng/ul	2003780	6	24.086	1689110	20.0