LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A48Q2

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-BP081423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.828	88	92	106	rBV	928445	1407468	9.21%	0.701%
2	7.187	655	663	679	rBV	1453570	2421845	15.86%	1.206%
3	7.387	690	697	711	rVB	1178490	1798734	11.78%	0.896%
4	7.569	721	728	736	rBV	1405598	2202226	14.42%	1.097%
5	8.052	803	810	821	rBV	1122047	1815882	11.89%	0.905%
6	8.752	920	929	937	rBV	1794090	2844044	18.62%	1.417%
7	8.899	947	954	963	rVB	431985	687550	4.50%	0.342%
8	9.246	1003	1013	1025	rBV	1394367	2289746	14.99%	1.141%
9	9.963	1121	1135	1143	rBV	1124964	1825638	11.95%	0.909%
10	10.487	1217	1224	1243	rBV	1742291	2841097	18.60%	1.415%
11	10.881	1282	1291	1296	rBV	1664814	2797602	18.32%	1.394%
12	10.934	1296	1300	1308	rVB	409864	672830	4.40%	0.335%
13	11.034	1310	1317	1337	rBV	1427133	2558820	16.75%	1.275%
14	12.528	1565	1571	1577	rBV	306464	489201	3.20%	0.244%
15	12.751	1600	1609	1614	rBV	239601	367403	2.41%	0.183%
16	13.540	1737	1743	1753	rBV3	197578	398405	2.61%	0.198%
17	13.722	1770	1774	1786	rVB	90164	174051	1.14%	0.087%
18	14.016	1817	1824	1829	rBV2	203546	383363	2.51%	0.191%
19	14.069	1829	1833	1835	rVV	135990	196056	1.28%	0.098%
20	14.110	1835	1840	1847	rVB	3103462	4114107	26.93%	2.049%
21	14.251	1856	1864	1867	rBV2	107801	188785	1.24%	0.094%
22	14.398	1882	1889	1899	rBV2	3542076	5300385	34.70%	2.640%
23	14.698	1935	1940	1946	rVV	2462232	3586662	23.48%	1.787%
24	14.763	1946	1951	1957	rVB	1455473	2066599	13.53%	1.029%
25	14.898	1969	1974	1983	rVB	1262566	1934897	12.67%	0.964%
26	15.004	1984	1992	1997	rVB	165322	274337	1.80%	0.137%
27	15.098	2000	2008	2012	rBV	795578	1299424	8.51%	0.647%
28	15.304	2037	2043	2048	rBV3	86779	165029	1.08%	0.082%
29	15.475	2064	2072	2075	rBV3	83535	187589	1.23%	0.093%
30	15.692	2099	2109	2114	rVV	4375046	6464348	42.32%	3.220%
31	15.751	2114	2119	2125	rVV	1318959	2004319	13.12%	0.998%
32	15.816	2125	2130	2136	rVV2	1052935	1670930	10.94%	0.832%
33	15.869	2136	2139	2142	rVV	213331	332641	2.18%	0.166%
34	15.910	2142	2146	2150	rVV2	243796	417555	2.73%	0.208%
35	15.951	2150	2153	2157	rVV2	185793	305550	2.00%	0.152%
36	15.998	2157	2161	2164	rVV	167048	275230	1.80%	0.137%

LSC Area Percent Report

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Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

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-BP081423.MA.M
Title : SVOA CALIBRATION

37	16.034	2164	2167	2176	rVB	341041	505992	3.31%	0.252%
38	16.186	2188	2193	2200	rVB	378094	712299	4.66%	0.355%
39	16.275	2204	2208	2214	rVB2	115974	193970	1.27%	0.097%
40	16.728	2279	2285	2287	rBV2	239843	398311	2.61%	0.198%
41	16.751	2287	2289	2293	rVB	292730	348440	2.28%	0.174%
42	16.804	2293	2298	2302	rBV2	166743	245985	1.61%	0.123%
43	16.904	2311	2315	2319	rVB2	125745	175942	1.15%	0.088%
44	16.975	2320	2327	2331	rBV3	261581	528575	3.46%	0.263%
45	17.016	2331	2334	2337	rVB3	158604	197491	1.29%	0.098%
46	17.122	2346	2352	2356	rBV	243512	352093	2.31%	0.175%
47	17.181	2357	2362	2364	rBV	175700	287295	1.88%	0.143%
48	17.286	2375	2380	2385	rVB	746138	1046186	6.85%	0.521%
49	17.469	2404	2411	2414	rBV	3219244	4565578	29.89%	2.274%
50	17.510	2414	2418	2423	rVV	10285322	15274364	100.00%	7.608%
51	17.569	2423	2428	2431	rVV	5020991	7072996	46.31%	3.523%
52	17.604	2431	2434	2441	rVV	2830558	3903657	25.56%	1.944%
53	17.663	2441	2444	2450	rVB	253102	387115	2.53%	0.193%
54	17.881	2472	2481	2492	rBV2	1464020	2636786	17.26%	1.313%
55	17.981	2493	2498	2504	rBV4	223384	460406	3.01%	0.229%
56	18.039	2504	2508	2512	rBV3	171200	232680	1.52%	0.116%
57	18.316	2549	2555	2560	rBV2	1595407	3222803	21.10%	1.605%
58	18.369	2560	2564	2572	rVV	1632789	2501739	16.38%	1.246%
59	18.451	2573	2578	2582	rVB	747936	978698	6.41%	0.487%
60	18.516	2582	2589	2593	rBV3	1771786	3317393	21.72%	1.652%
61	18.551	2593	2595	2600	rVV	803568	895078	5.86%	0.446%
62	18.622	2604	2607	2611	rVB	182685	219107	1.43%	0.109%
63	18.669	2611	2615	2618	rBV	217982	306655	2.01%	0.153%
64	18.757	2627	2630	2634	rBV	135419	160791	1.05%	0.080%
65	18.810	2634	2639	2643	rVV	879190	1139766	7.46%	0.568%
66	18.863	2643	2648	2652	rBV	544223	716749	4.69%	0.357%
67	19.039	2675	2678	2682	rVB2	245577	271207	1.78%	0.135%
68	19.086	2683	2686	2689	rVB	204044	229398	1.50%	0.114%
69	19.122	2689	2692	2696	rBV3	286909	361382	2.37%	0.180%
70	19.198	2700	2705	2711	rBV	557410	1137135	7.44%	0.566%
71	19.363	2725	2733	2738	rBV4	419875	1075183	7.04%	0.536%
72	19.475	2746	2752	2757	rVB	10071748	13369146	87.53%	6.659%
73	19.539	2760	2763	2765	rBV3	229903	307960	2.02%	0.153%
74	19.716	2790	2793	2801	rVB2	411705	785611	5.14%	0.391%
75	19.798	2801	2807	2810	rBV3	7032649	11435022	74.86%	5.696%
76	19.827	2810	2812	2818	rVV	8884384	10899665	71.36%	5.429%

LSC Area Percent Report

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Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

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-BP081423.MA.M
Title : SVOA CALIBRATION

77	19.886	2818	2822	2827	rVB2	559679	762968	5.00%	0.380%
78	19.998	2837	2841	2844	rVB	555000	656806	4.30%	0.327%
79	20.069	2850	2853	2857	rVB	377835	459752	3.01%	0.229%
80	20.127	2859	2863	2871	rVB4	696801	1526920	10.00%	0.761%
81	20.204	2873	2876	2880	rVB	282997	330892	2.17%	0.165%
82	20.269	2882	2887	2889	rVV4	679340	1206078	7.90%	0.601%
83	20.304	2889	2893	2898	rVB	1306161	1896713	12.42%	0.945%
84	20.398	2905	2909	2913	rBV	1074127	1454142	9.52%	0.724%
85	20.457	2917	2919	2923	rVB	730631	794810	5.20%	0.396%
86	20.592	2939	2942	2947	rBV2	505662	743173	4.87%	0.370%
87	20.639	2947	2950	2958	rVB2	646327	964391	6.31%	0.480%
88	21.039	3015	3018	3023	rVB	493349	633321	4.15%	0.315%
89	21.222	3042	3049	3051	rBV3	1020509	2314105	15.15%	1.153%
90	21.280	3056	3059	3064	rVV2	544600	806858	5.28%	0.402%
91	21.422	3081	3083	3091	rVB2	335540	521918	3.42%	0.260%
92	21.551	3100	3105	3111	rBV3	4543577	10082483	66.01%	5.022%
93	21.604	3111	3114	3119	rVB	3521156	4450416	29.14%	2.217%
94	21.727	3132	3135	3142	rBV	584455	774819	5.07%	0.386%
95	22.163	3203	3209	3216	rVB3	536633	1174822	7.69%	0.585%
96	23.345	3404	3410	3416	rBV	1621377	4292350	28.10%	2.138%
97	23.916	3502	3507	3511	rBV	852123	1764609	11.55%	0.879%
98	23.980	3512	3518	3523	rVV2	2481458	5708851	37.38%	2.844%
99	24.033	3523	3527	3534	rVB	1583260	3081135	20.17%	1.535%
100	24.151	3541	3547	3552	rBV	1413070	2741241	17.95%	1.365%

Sum of corrected areas: 200760570

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
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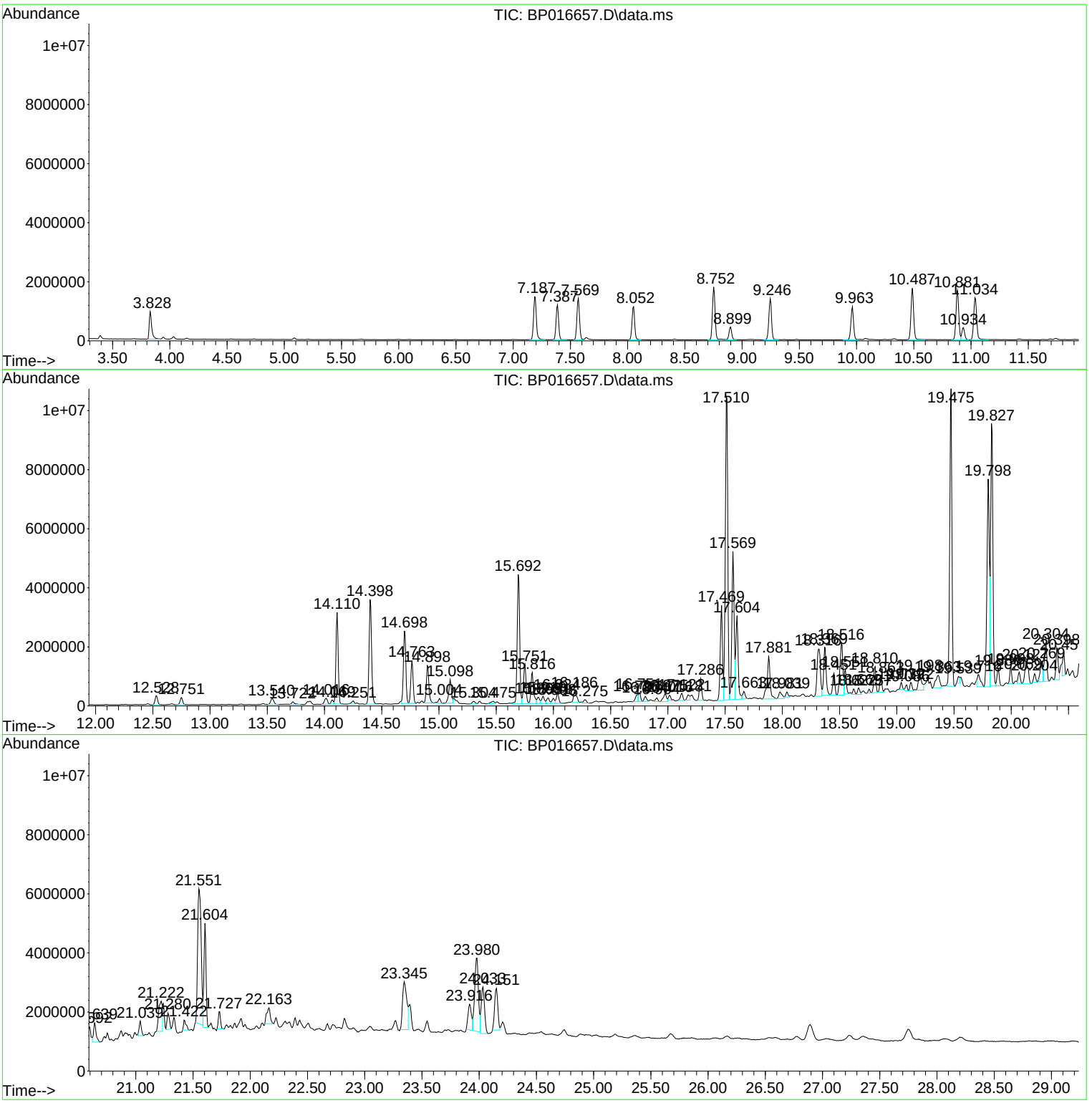
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.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\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

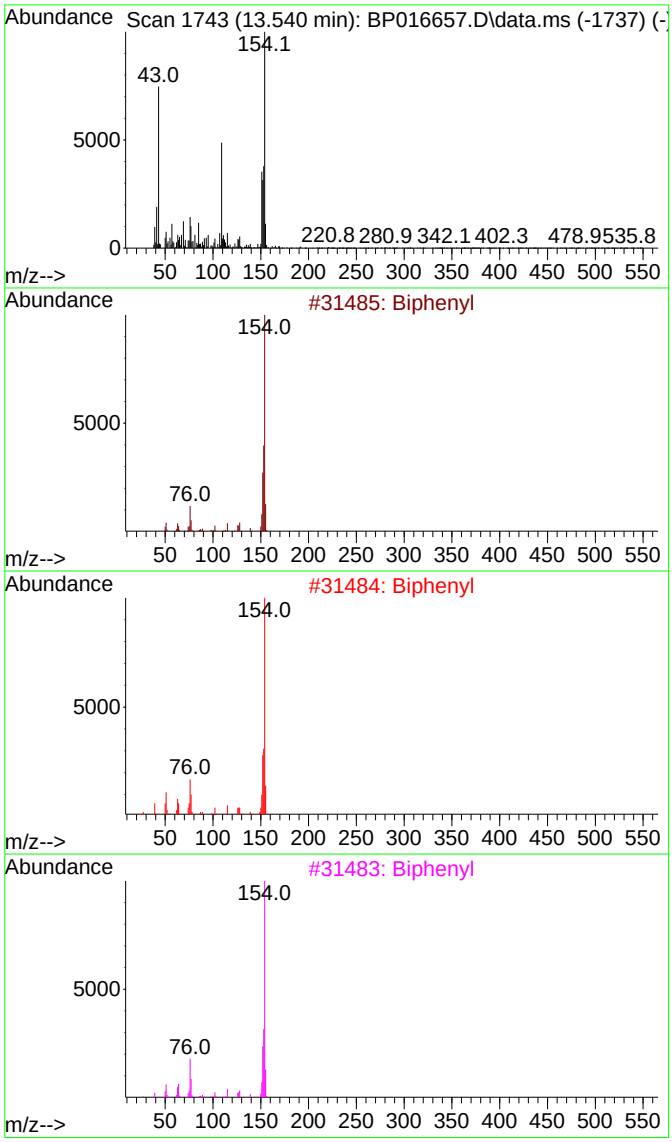
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

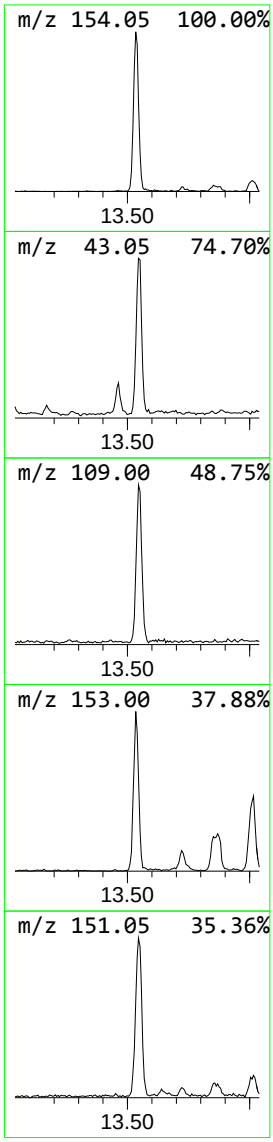
****

Peak Number 1 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.540	2.22 ng/ul	398405	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	90
2	Biphenyl	154	C12H10	000092-52-4	60
3	Biphenyl	154	C12H10	000092-52-4	60
4	Biphenyl	154	C12H10	000092-52-4	60
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

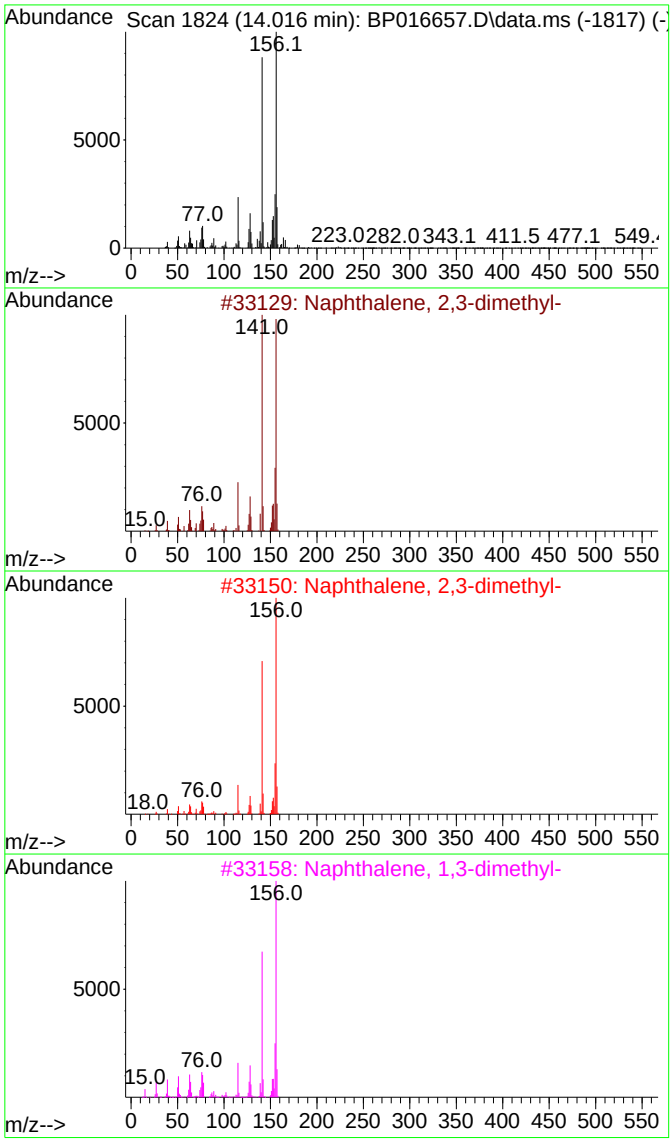
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

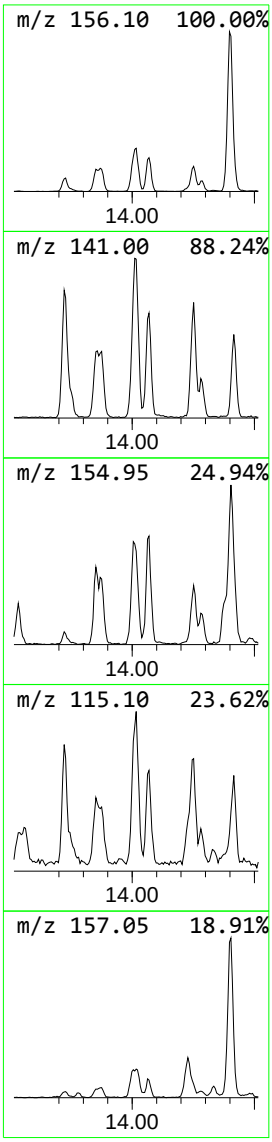
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.016	2.14 ng/ul	383363	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

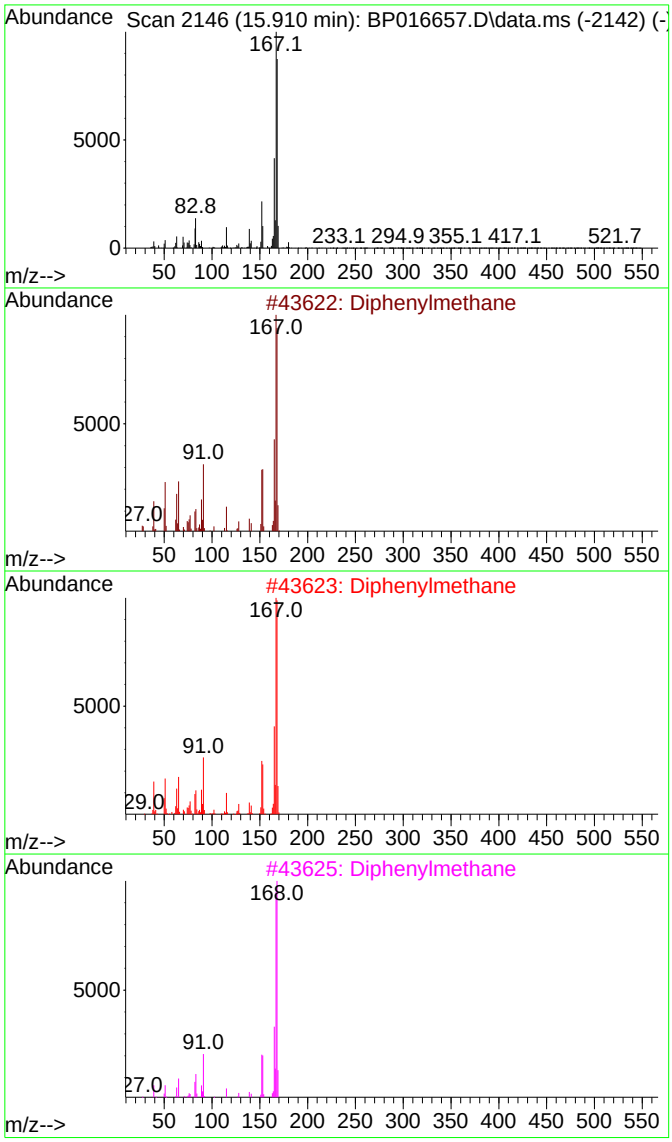
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

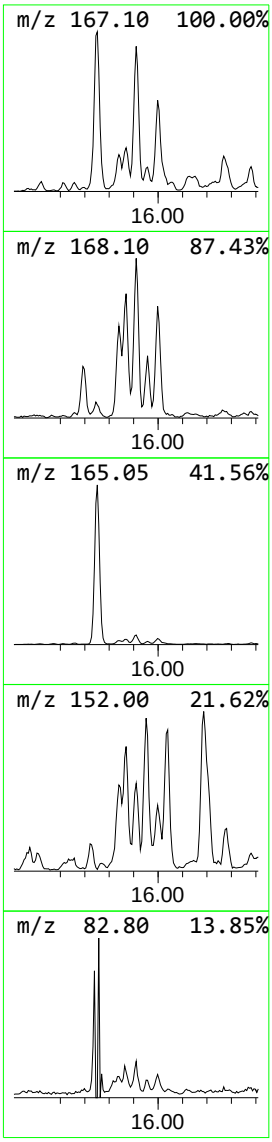
****

Peak Number 3 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.910	2.33 ng/ul	417555	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	81
2	Diphenylmethane	168	C13H12	000101-81-5	81
3	Diphenylmethane	168	C13H12	000101-81-5	81
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62





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Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
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Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

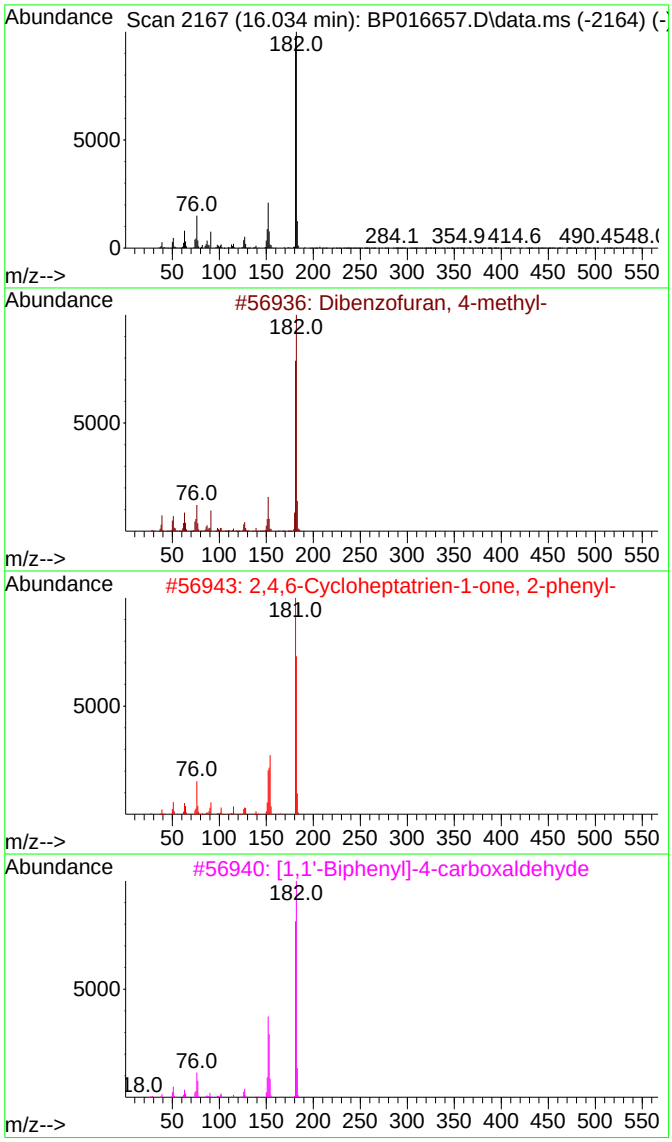
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

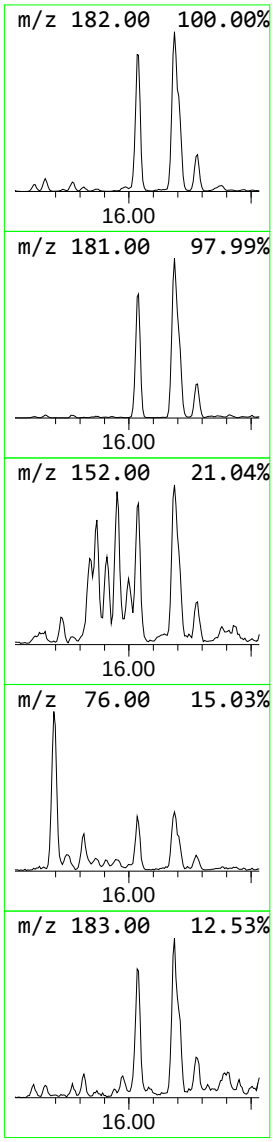
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.034	2.82 ng/ul	505992	Acenaphthene-d10	14.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

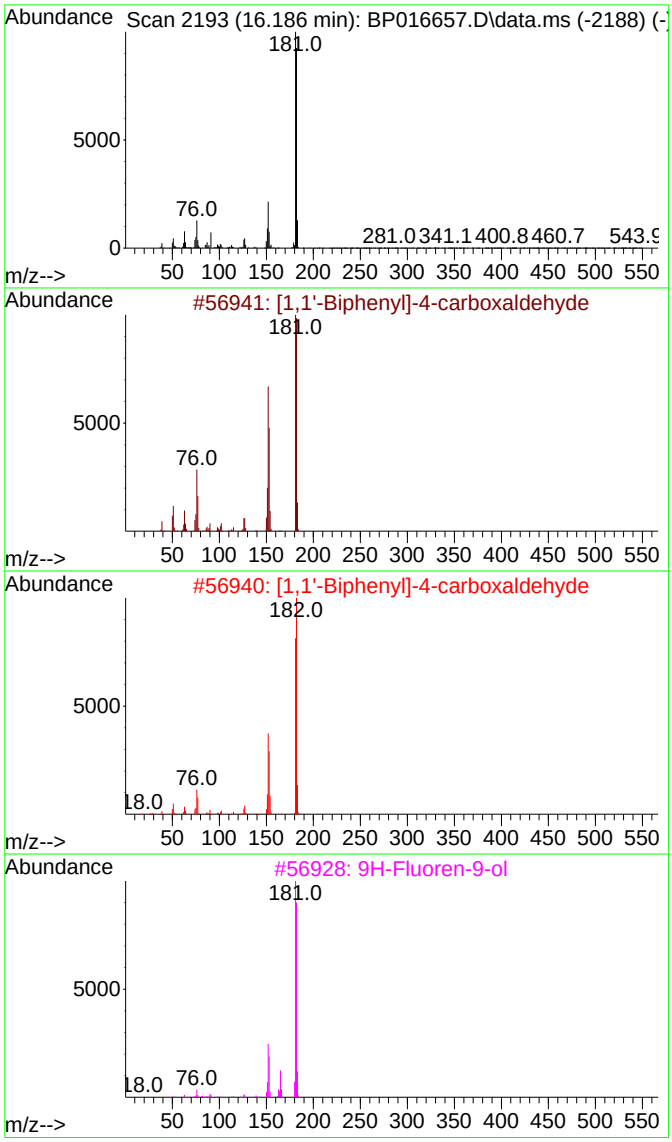
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

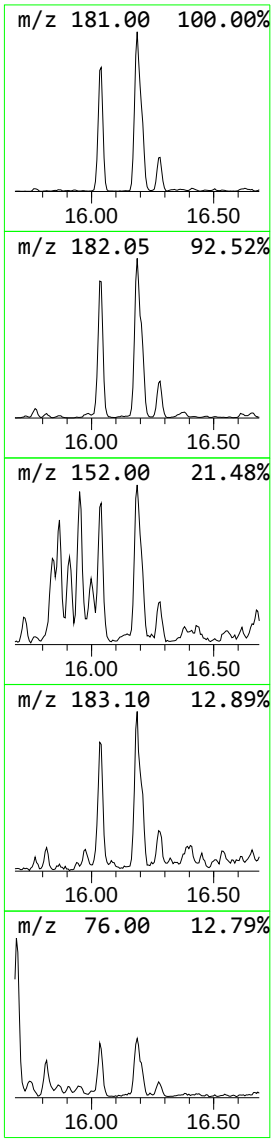
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	3.12 ng/ul	712299	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

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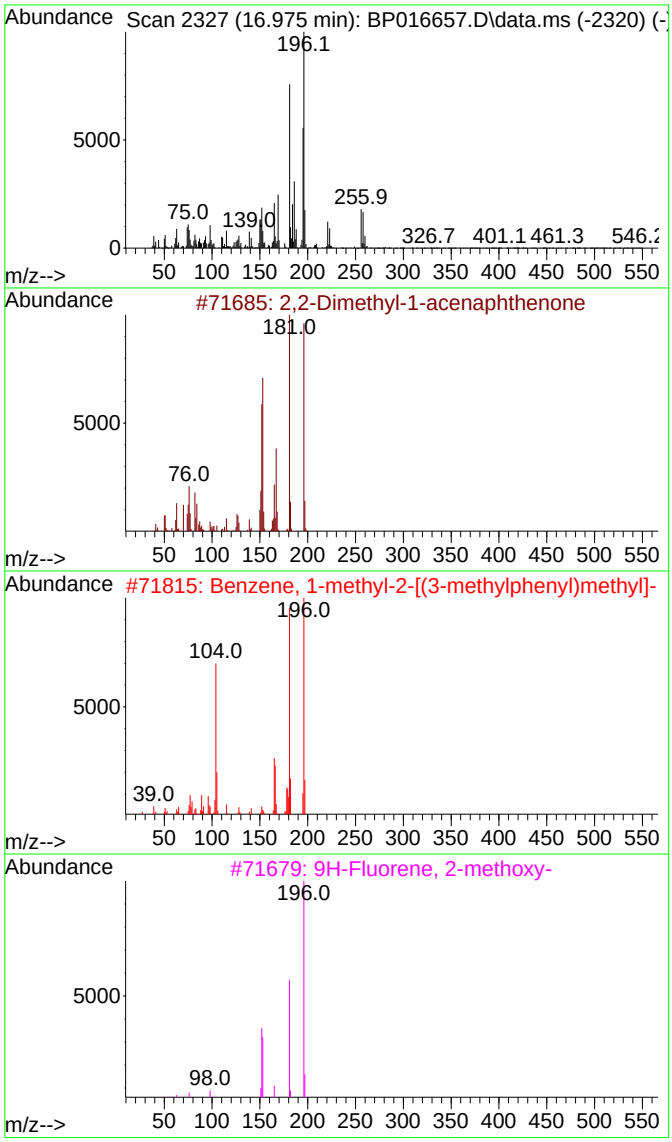
Quant Title : SVOA CALIBRATION

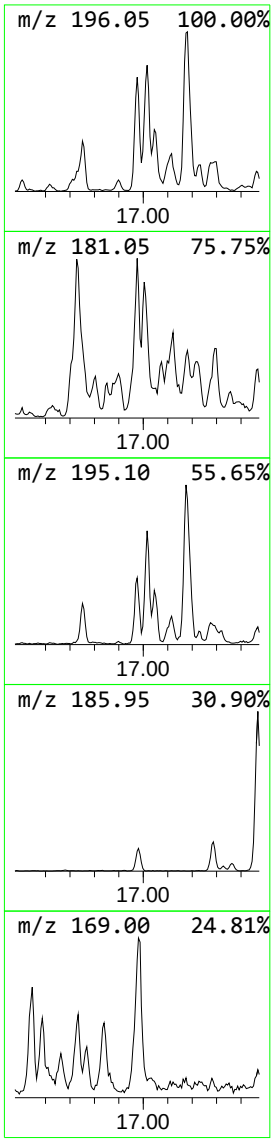
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2,2-Dimethyl-1-acenaphthenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	2.32 ng/ul	528575	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	55
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	49
3	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	49
4	Pentamethylmelamine	196	C8H16N6	035832-09-8	46
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	43





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Sample : 03968-34
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Instrument :
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ClientSampleId :
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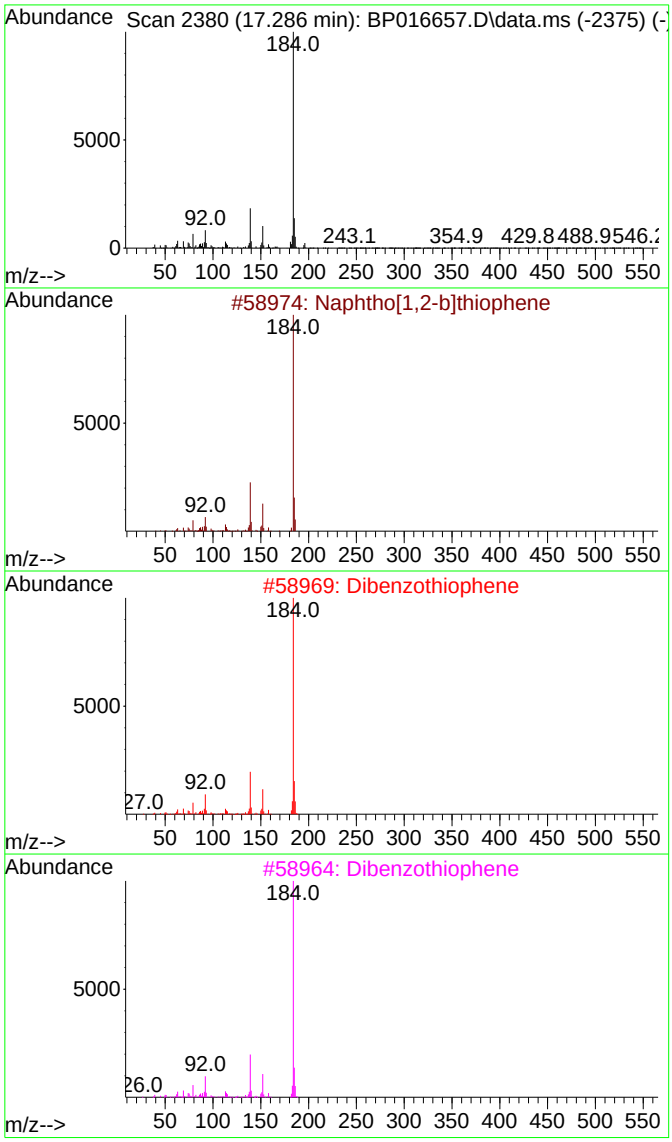
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

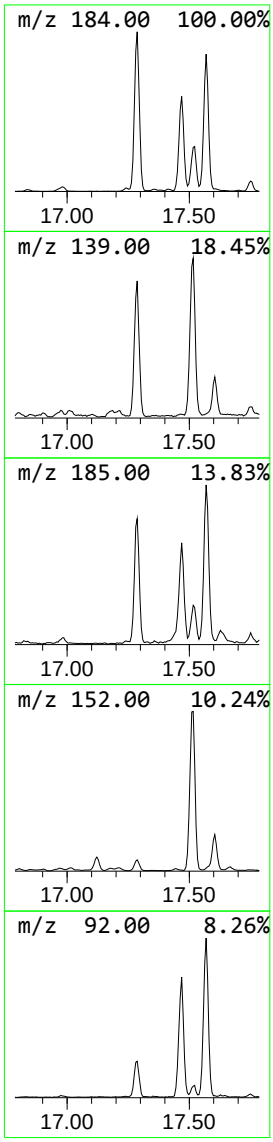
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	4.58 ng/ul	1046190	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Sample : 03968-34
Misc :
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Instrument :
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ClientSampleId :
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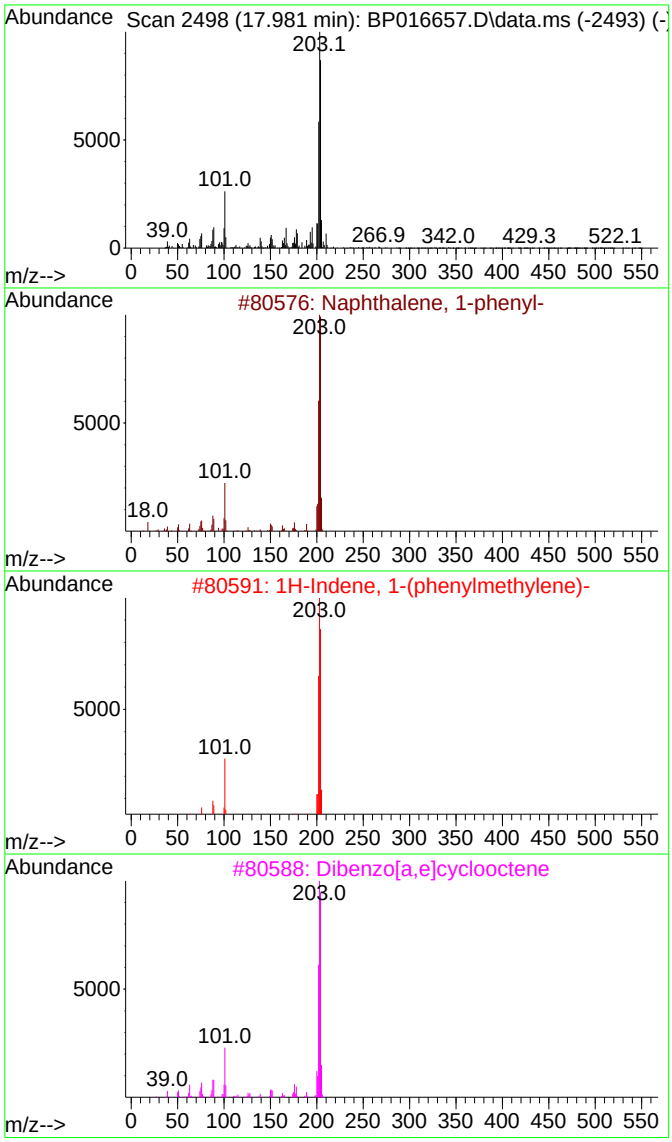
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

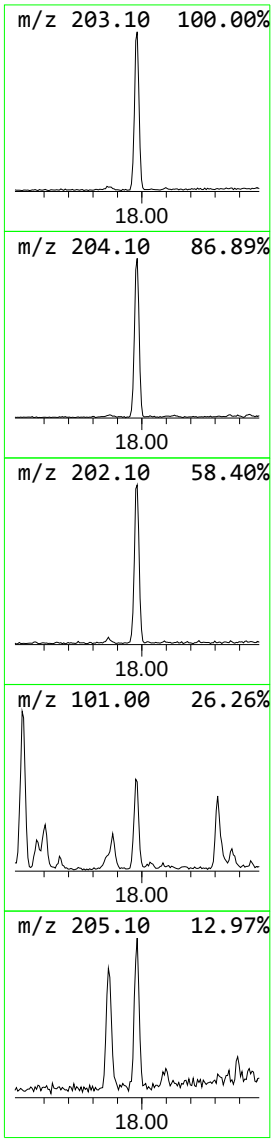
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	2.02 ng/ul	460406	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	95
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	93
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	92





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Misc :
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Instrument :
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ClientSampleId :
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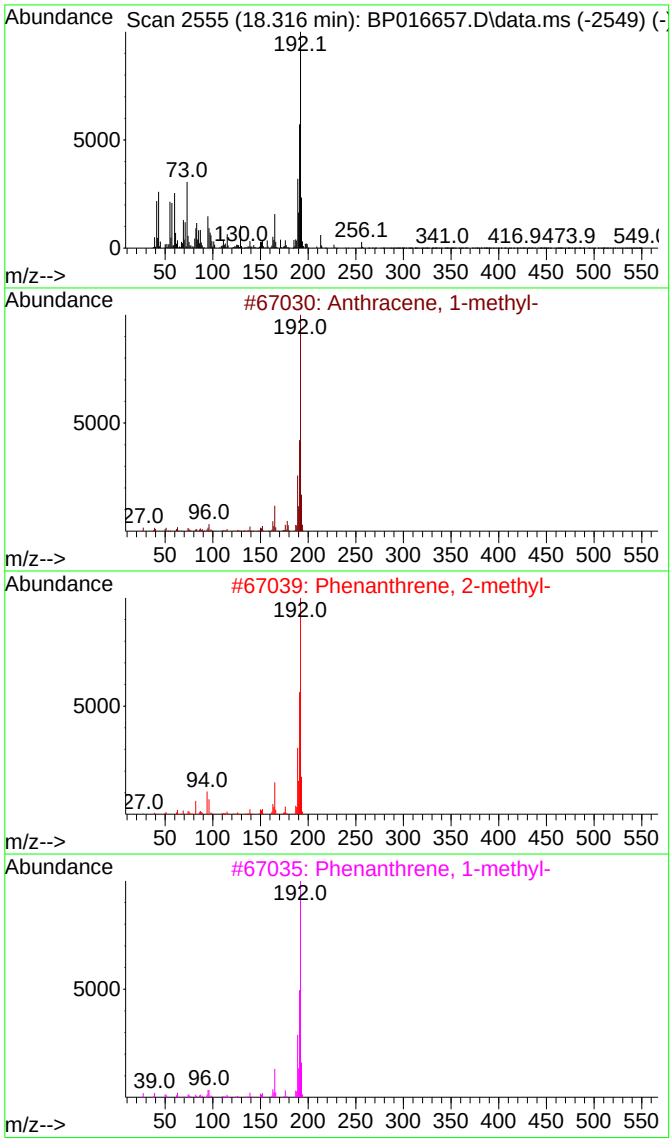
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

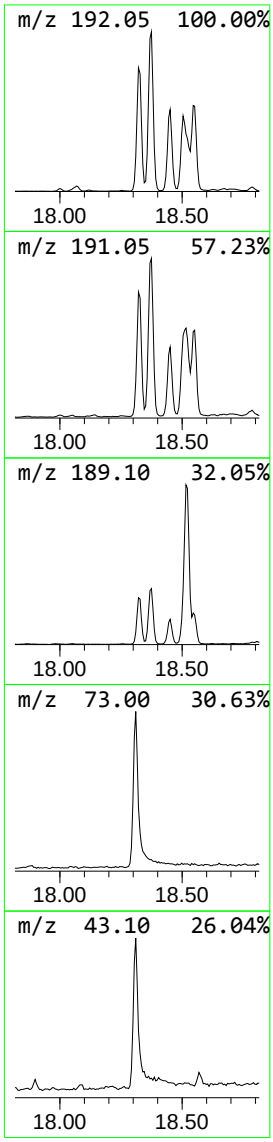
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	14.12 ng/ul	3222800	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : 03968-34
Misc :
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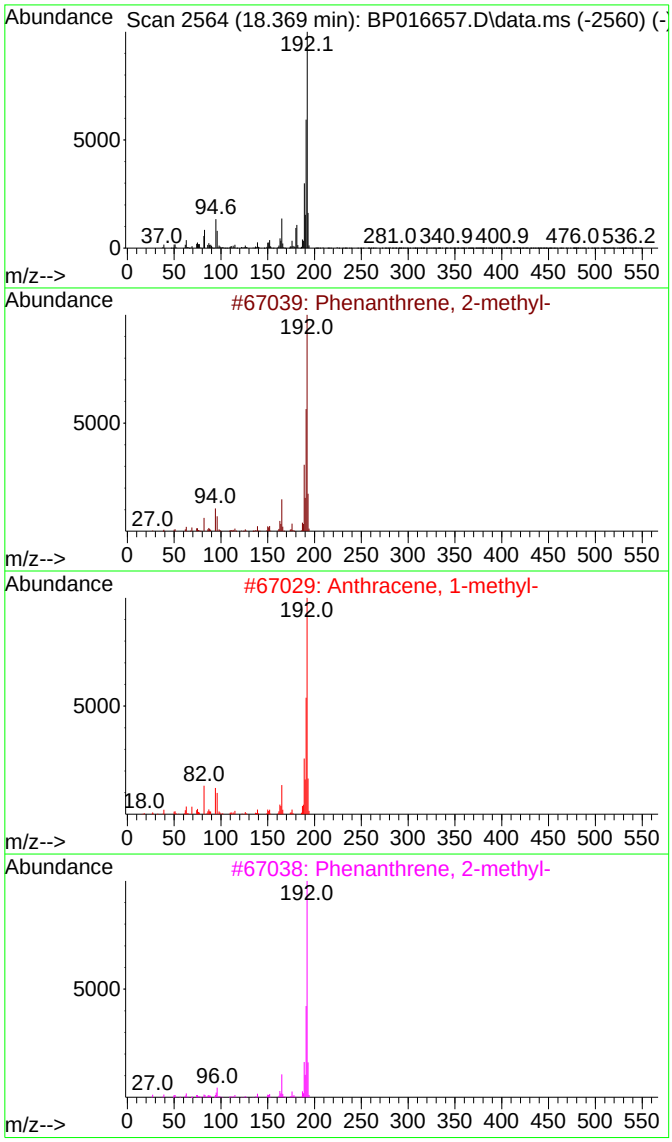
Quant Title : SVOA CALIBRATION

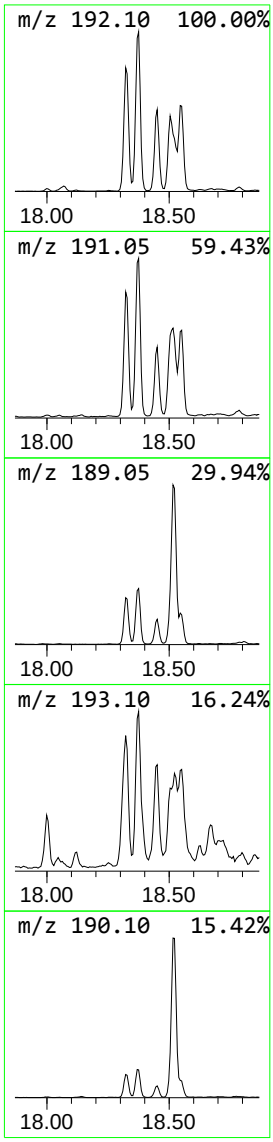
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	10.96 ng/ul	2501740	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





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Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

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

****
Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	4.29 ng/ul	978698	Phenanthrene-d10	17.469

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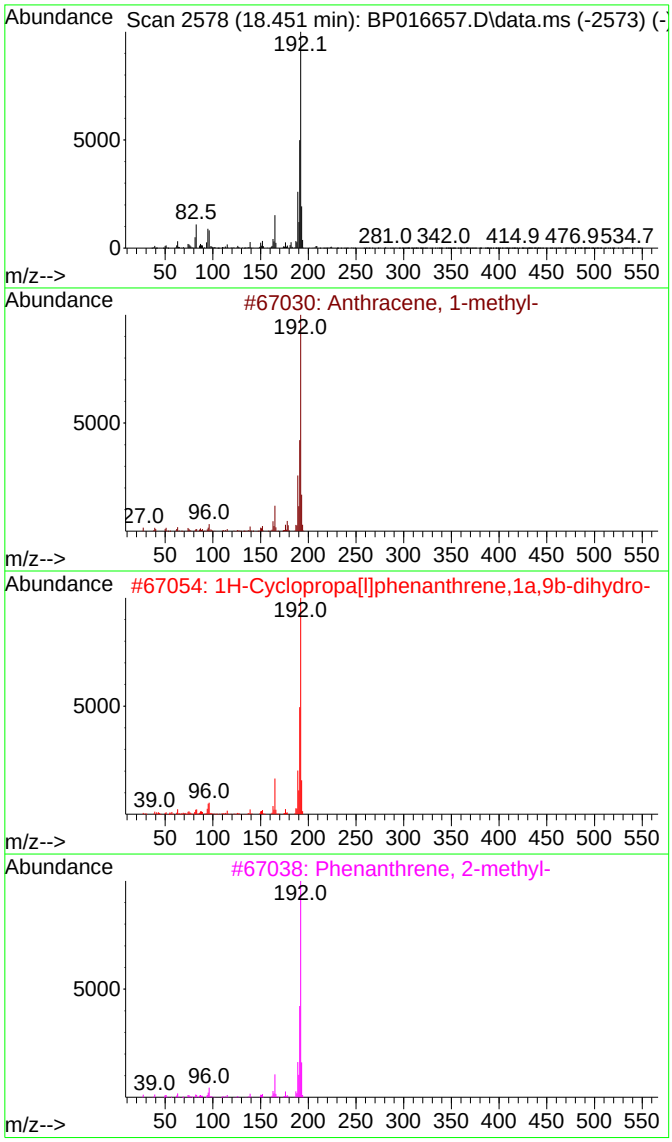

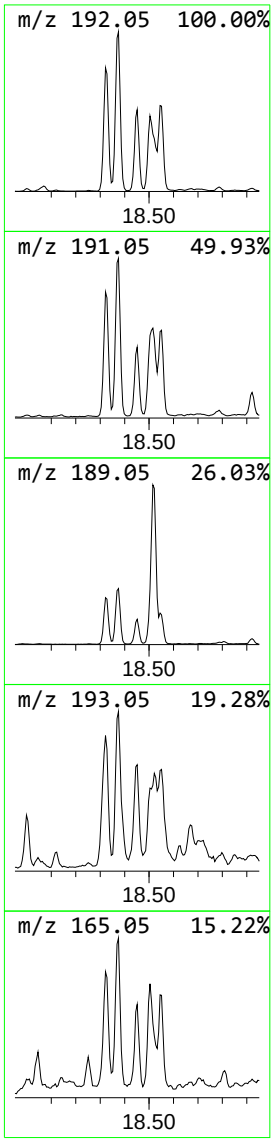

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Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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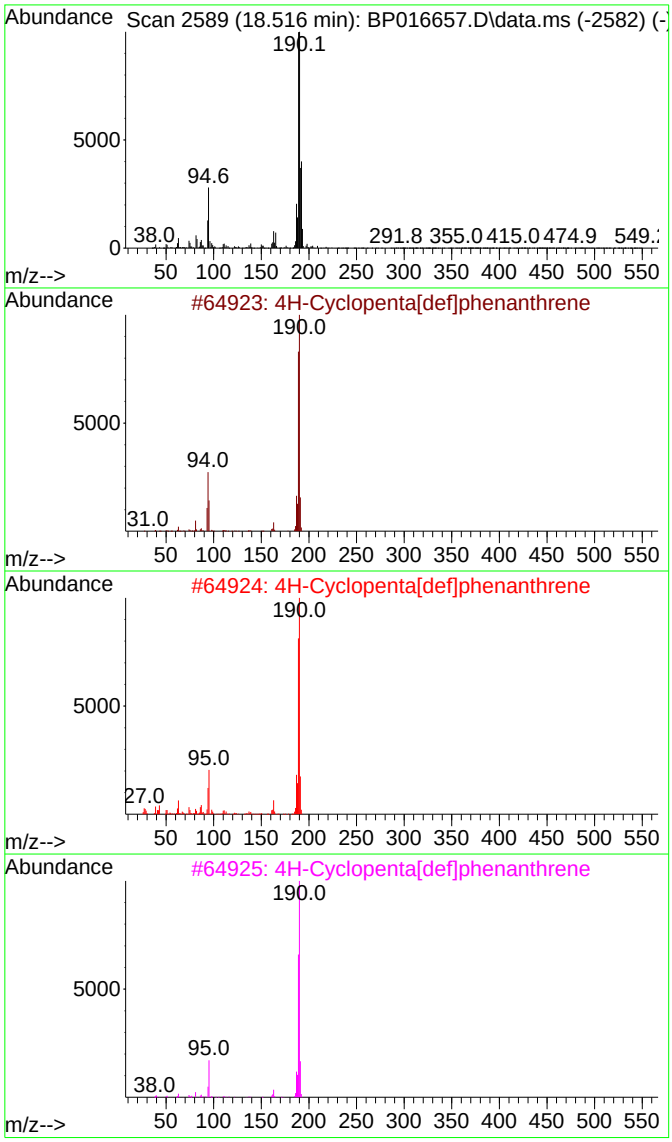
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

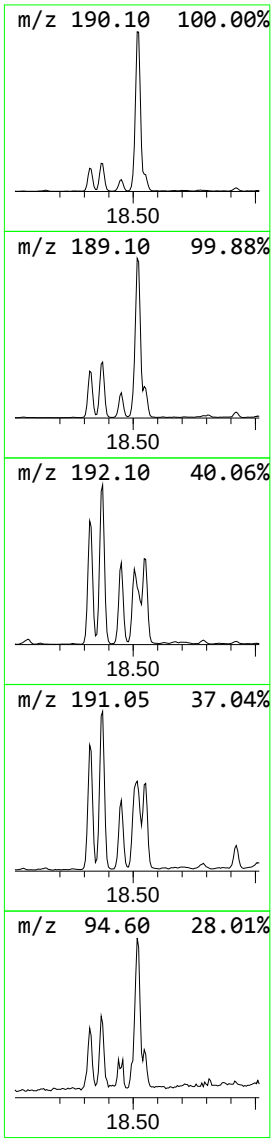
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	14.53 ng/ul	3317390	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





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ClientSampleId :
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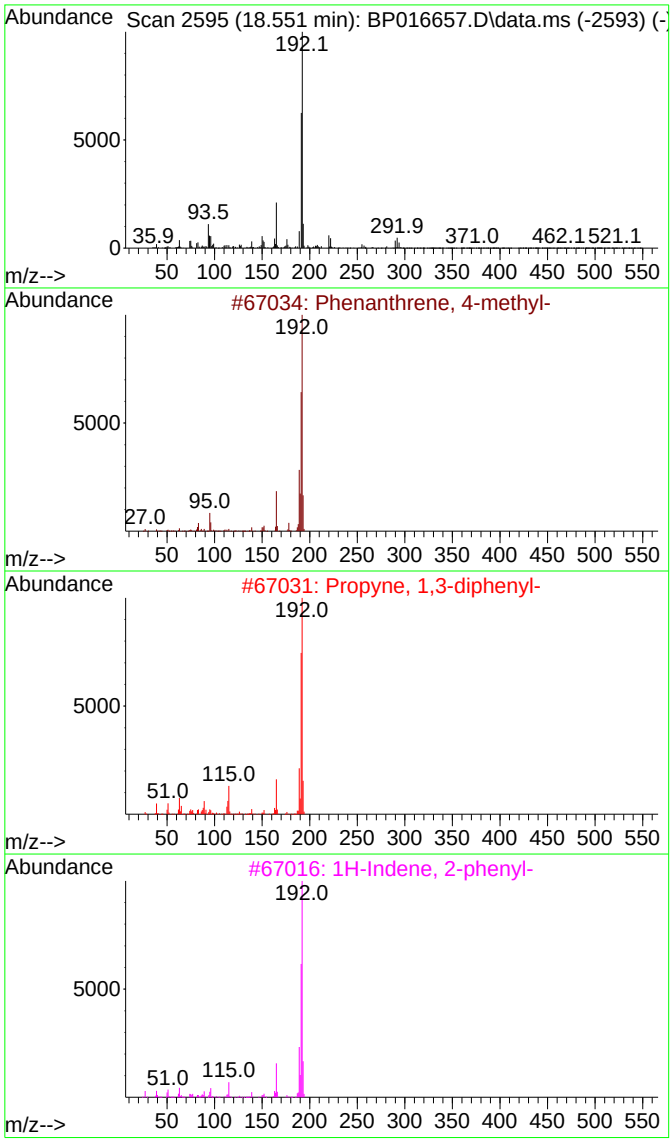
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

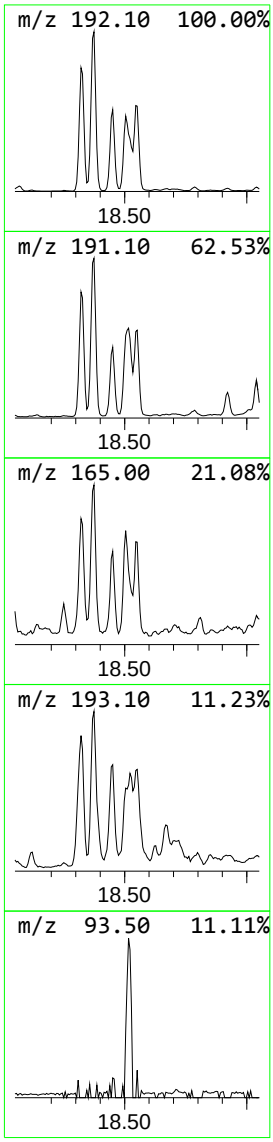
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	3.92 ng/ul	895078	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	72
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72





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Sample : 03968-34
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ClientSampleId :
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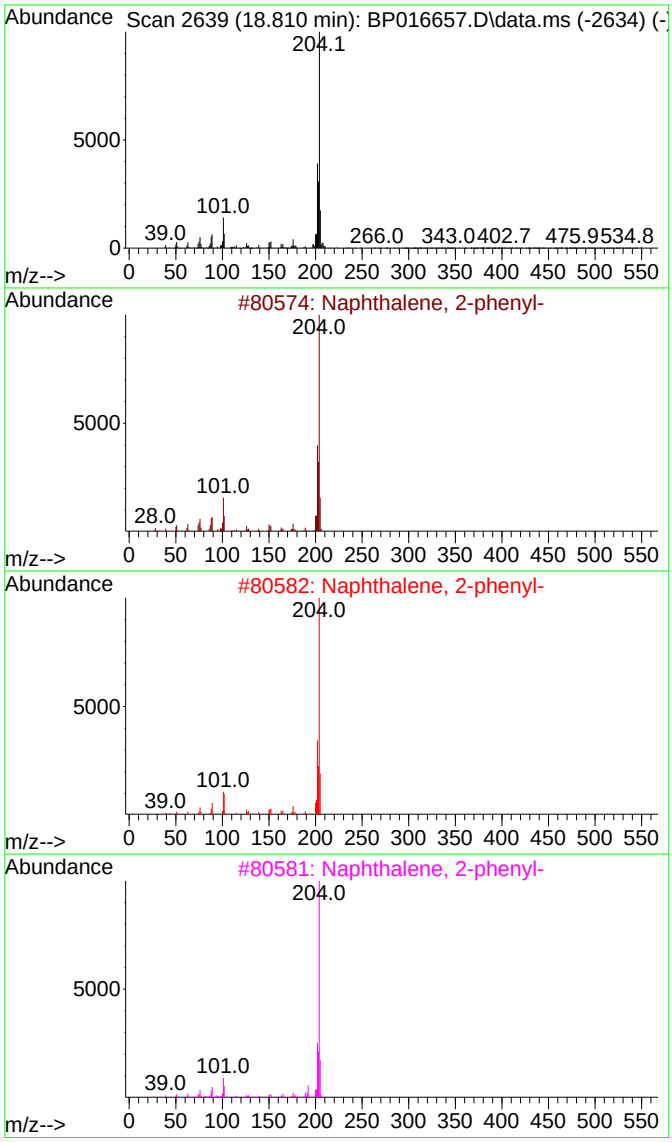
Quant Title : SVOA CALIBRATION

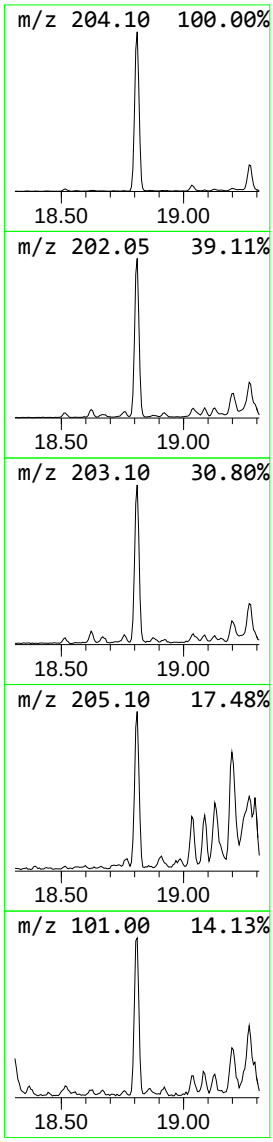
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	4.99 ng/ul	1139770	Phenanthrene-d10	17.469

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	96
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83





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ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId :
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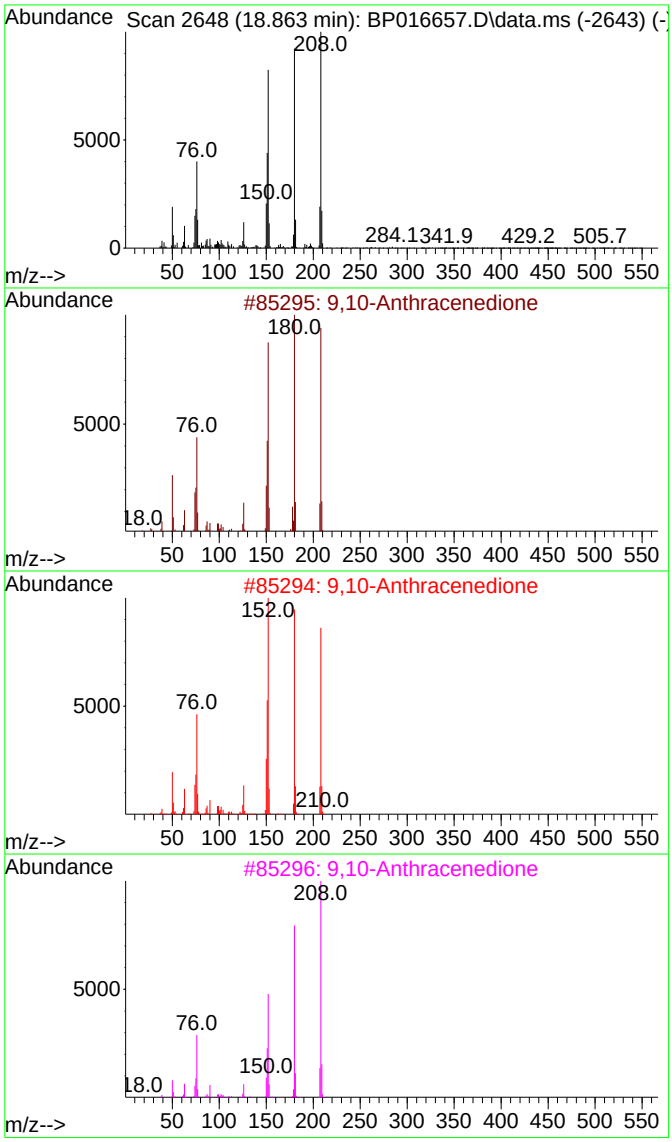
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

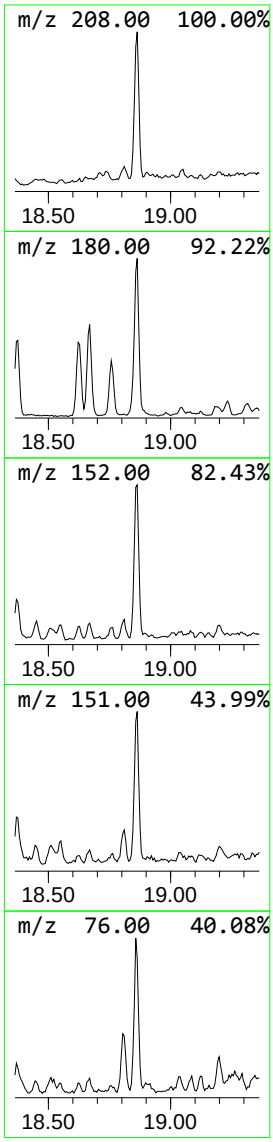
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.863	3.14 ng/ul	716749	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





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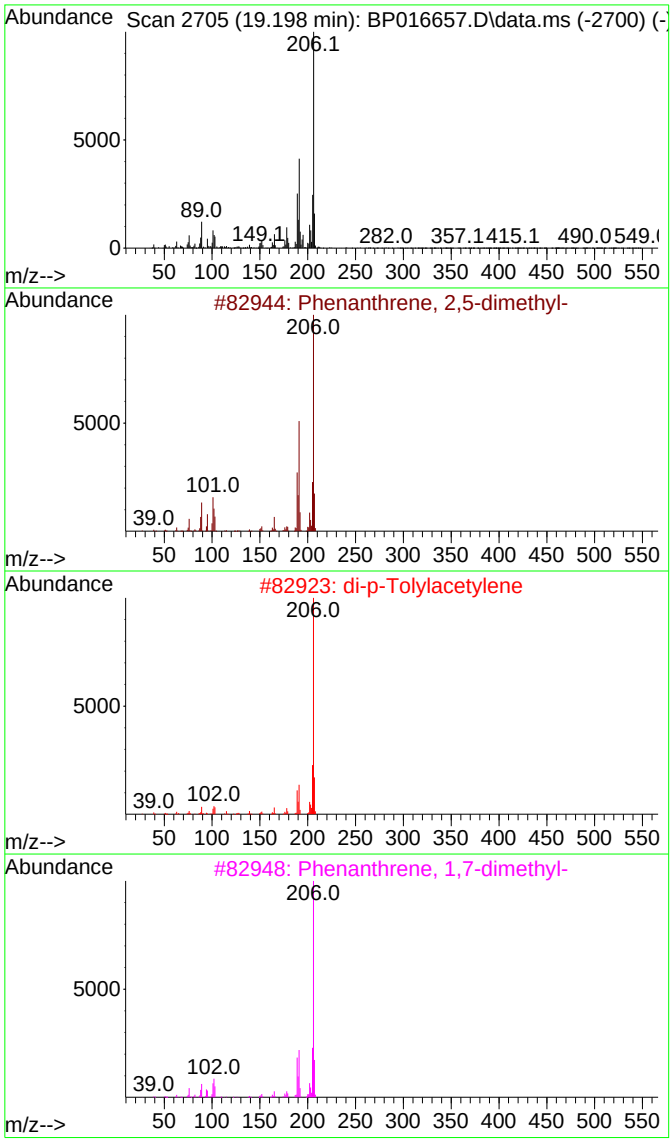
Quant Title : SVOA CALIBRATION

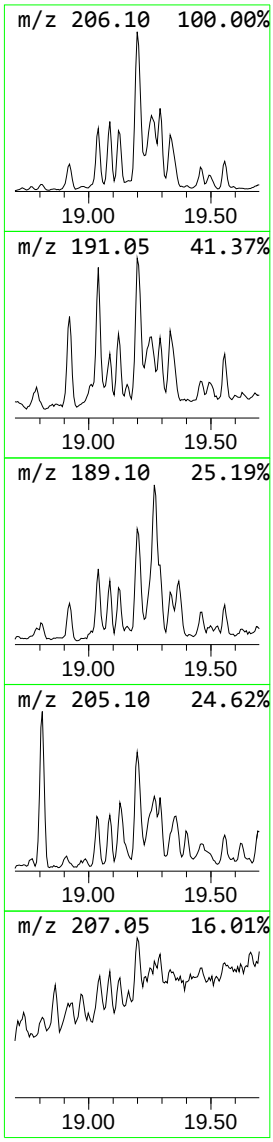
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	4.98 ng/ul	1137140	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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ClientSampleId :
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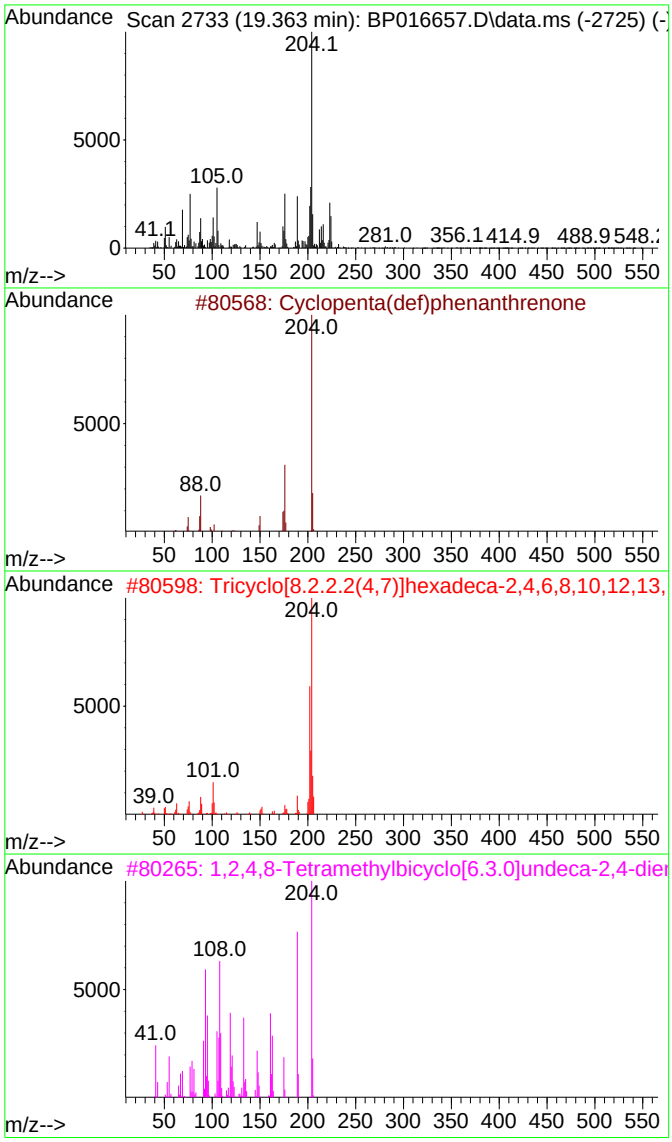
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

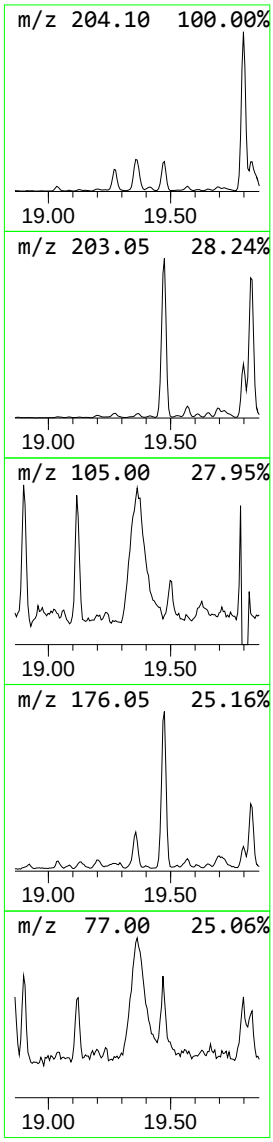
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	4.71 ng/ul	1075180	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41





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Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

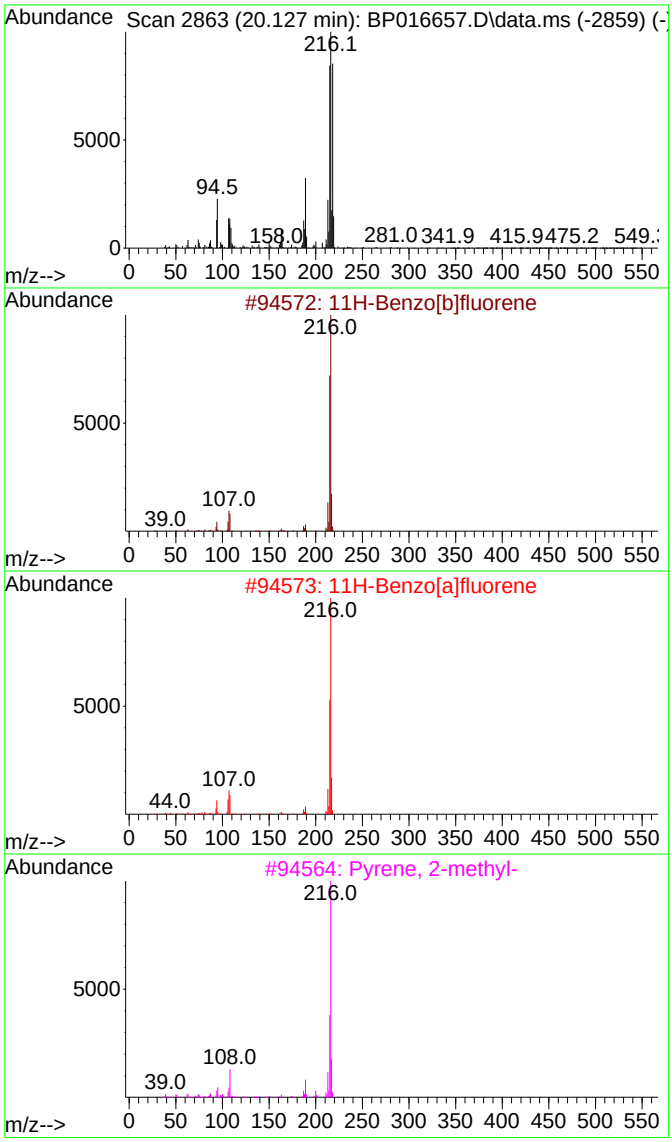
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

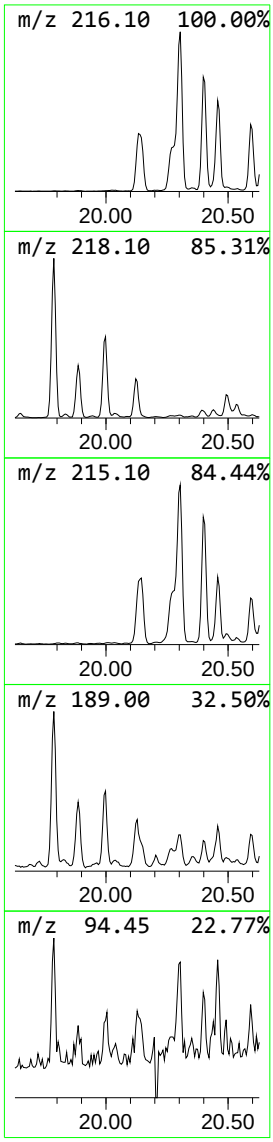
****

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.128	3.03 ng/ul	1526920	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

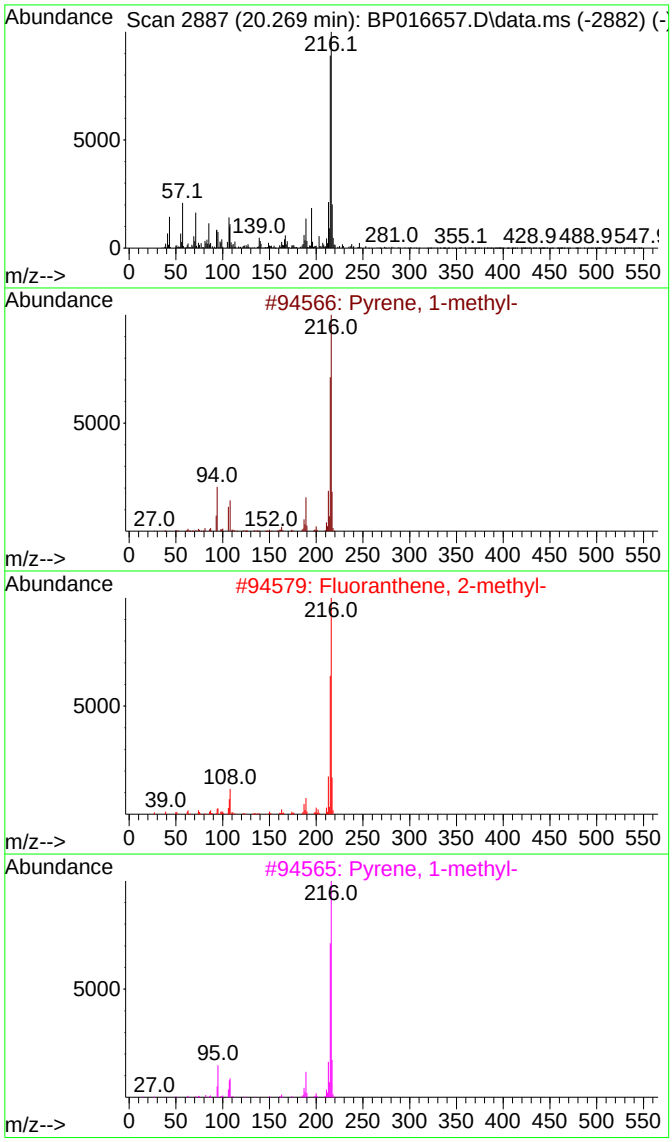
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

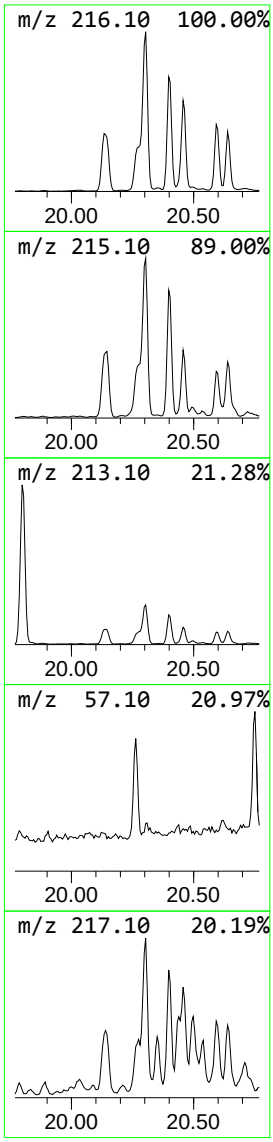
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.269	2.39 ng/ul	1206080	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93





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Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

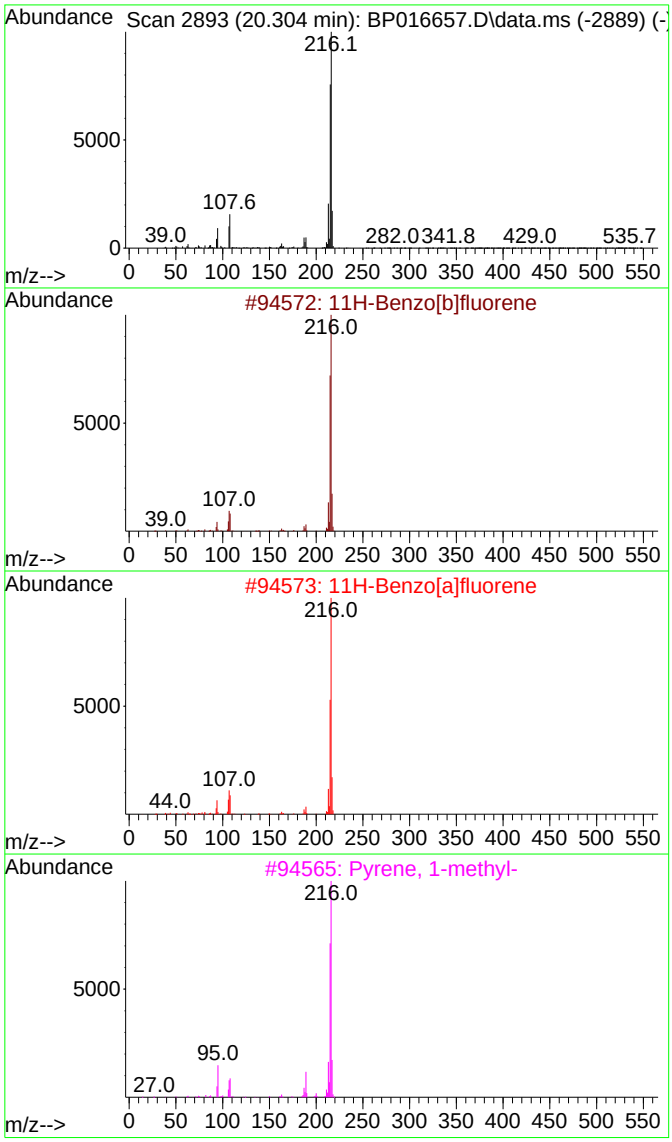
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

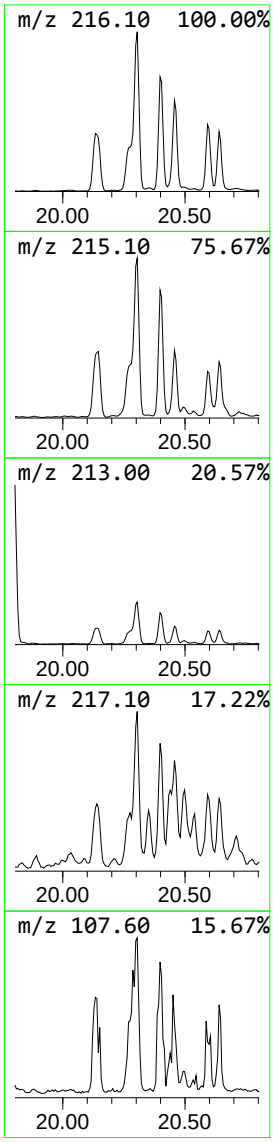
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	3.76 ng/ul	1896710	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BP016657.D
Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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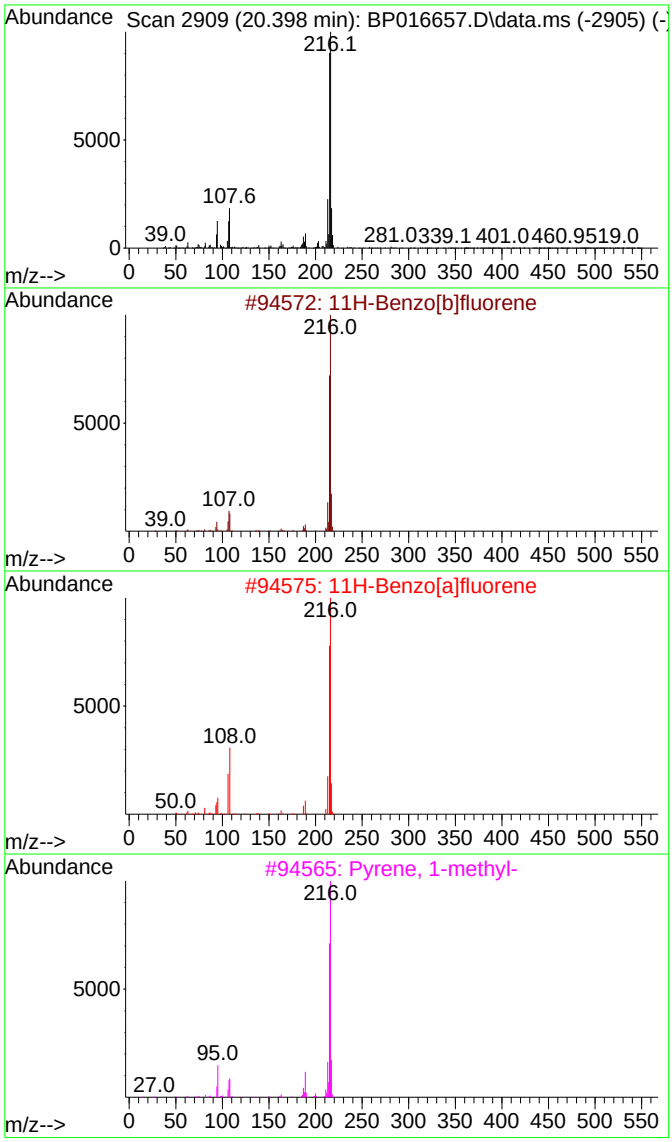
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

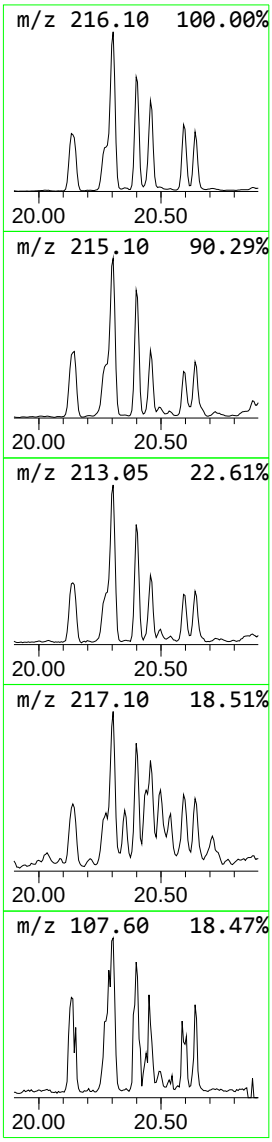
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	2.88 ng/ul	1454140	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Acq On : 19 Aug 2023 01:29
Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

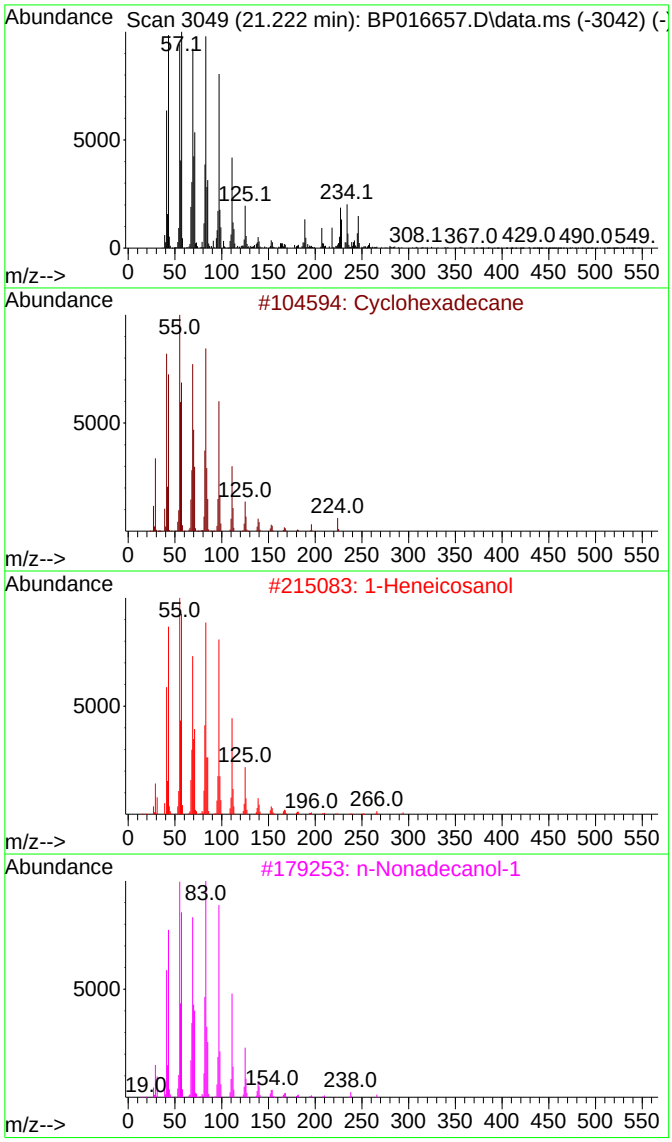
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

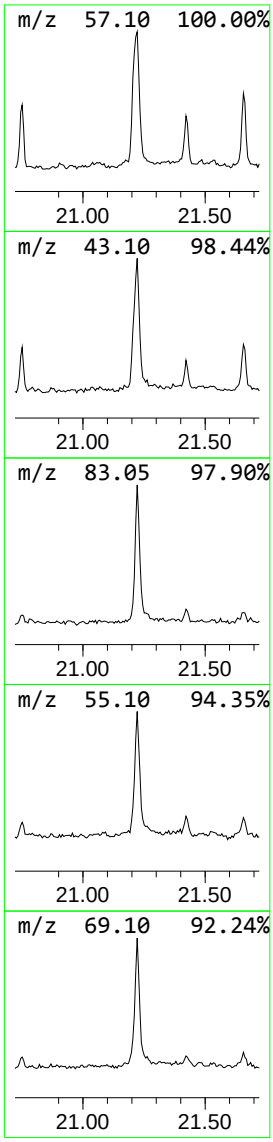
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic21.221 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	4.59 ng/ul	2314110	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





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Operator : MA/JU
Sample : 03968-34
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

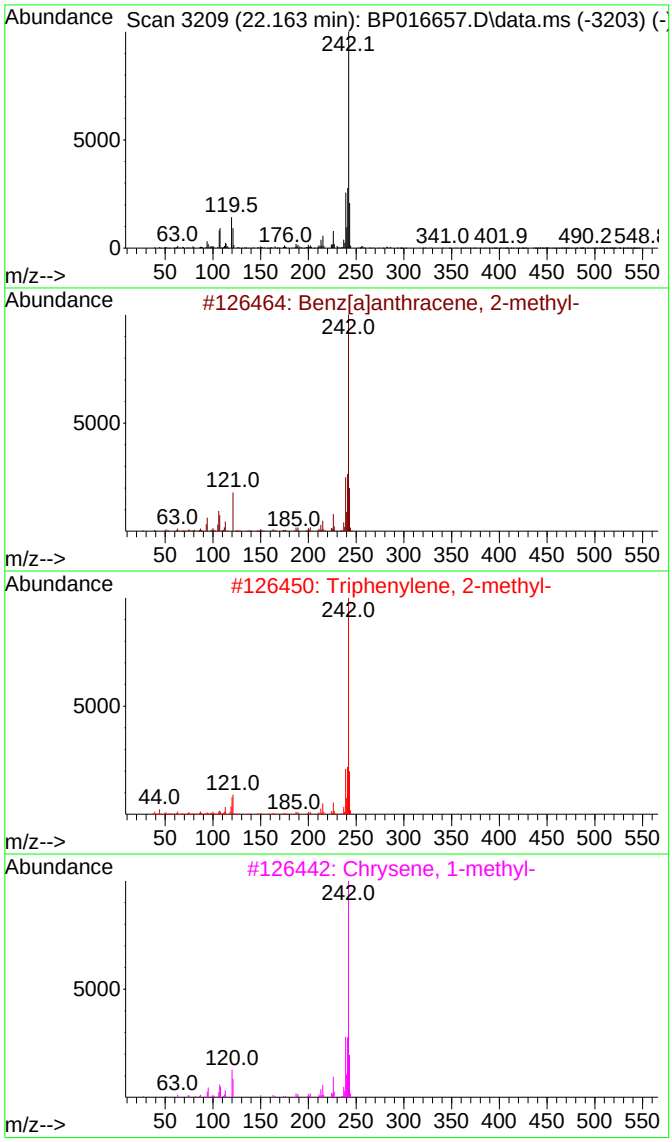
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION

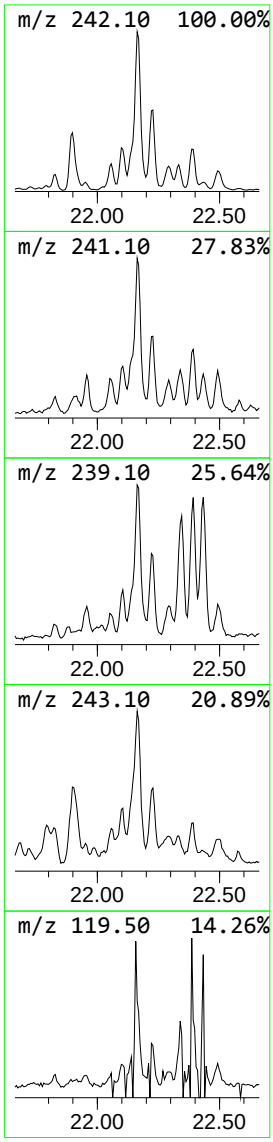
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benz[a]anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.163	2.33 ng/ul	1174820	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	92
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	86





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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q2

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Quant Title : SVOA CALIBRATION

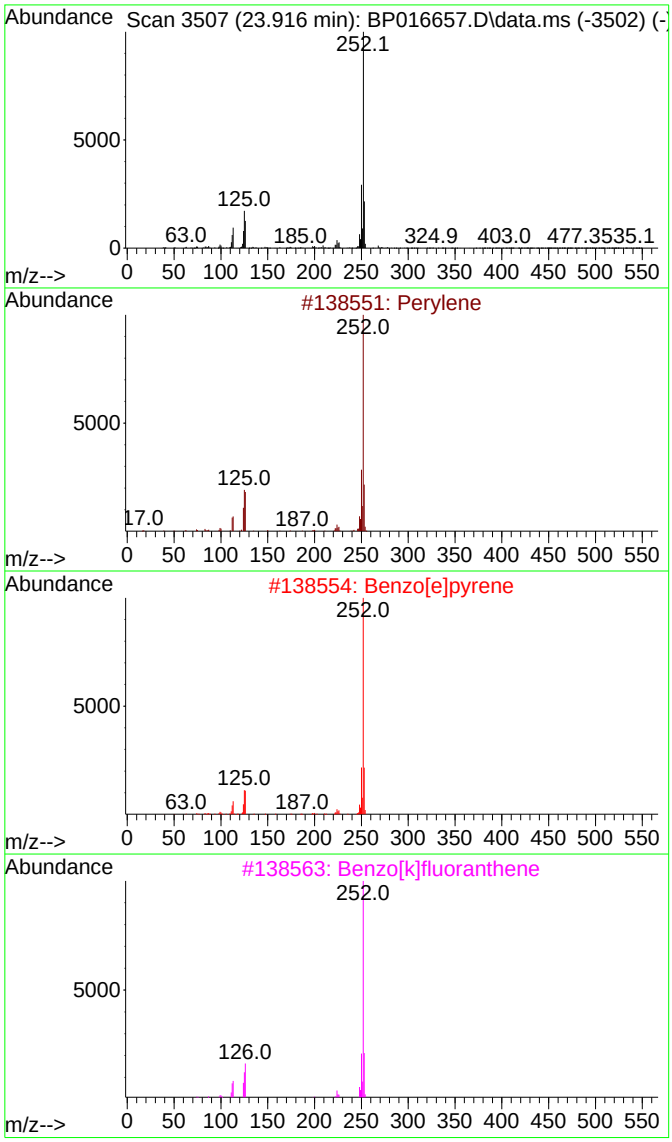
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

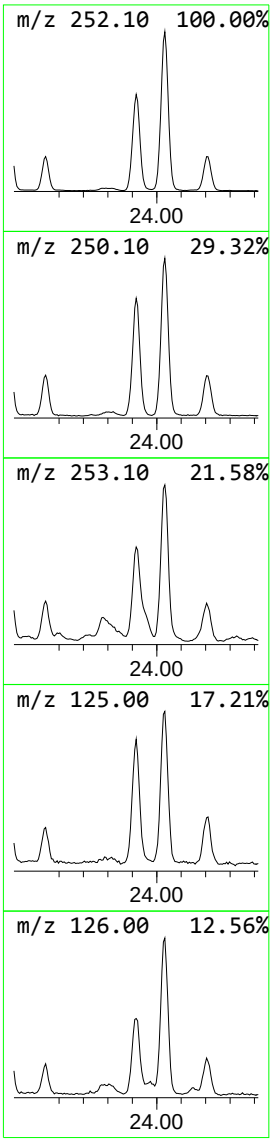
****

Peak Number 24 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.916	12.87 ng/ul	1764610	Perylene-d12	24.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

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Data File : BP016657.D
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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
unknown-01	13.540	2.2	ng/ul	398405	3	14.698	3586660	20.0
Naphthalene, 2,...	14.016	2.1	ng/ul	383363	3	14.698	3586660	20.0
Diphenylmethane	15.910	2.3	ng/ul	417555	3	14.698	3586660	20.0
Dibenzofuran, 4...	16.034	2.8	ng/ul	505992	3	14.698	3586660	20.0
[1,1'-Biphenyl]...	16.186	3.1	ng/ul	712299	4	17.469	4565580	20.0
2,2-Dimethyl-1-...	16.975	2.3	ng/ul	528575	4	17.469	4565580	20.0
Naphtho[1,2-b]t...	17.286	4.6	ng/ul	1046190	4	17.469	4565580	20.0
Naphthalene, 1-...	17.980	2.0	ng/ul	460406	4	17.469	4565580	20.0
Anthracene, 1-m...	18.316	14.1	ng/ul	3222800	4	17.469	4565580	20.0
Phenanthrene, 2...	18.369	11.0	ng/ul	2501740	4	17.469	4565580	20.0
1H-Cyclopropa[1...	18.451	4.3	ng/ul	978698	4	17.469	4565580	20.0
4H-Cyclopenta[d...	18.516	14.5	ng/ul	3317390	4	17.469	4565580	20.0
Phenanthrene, 4...	18.551	3.9	ng/ul	895078	4	17.469	4565580	20.0
Naphthalene, 2-...	18.810	5.0	ng/ul	1139770	4	17.469	4565580	20.0
9,10-Anthracene...	18.863	3.1	ng/ul	716749	4	17.469	4565580	20.0
Phenanthrene, 2...	19.198	5.0	ng/ul	1137140	4	17.469	4565580	20.0
Cyclopenta(def)...	19.363	4.7	ng/ul	1075180	4	17.469	4565580	20.0
11H-Benzo[b]flu...	20.128	3.0	ng/ul	1526920	5	21.563	10082500	20.0
Pyrene, 1-methyl-	20.269	2.4	ng/ul	1206080	5	21.563	10082500	20.0
11H-Benzo[a]flu...	20.304	3.8	ng/ul	1896710	5	21.563	10082500	20.0
Fluoranthene, 2...	20.398	2.9	ng/ul	1454140	5	21.563	10082500	20.0
(DEL) Alkane: C...	21.221	4.6	ng/ul	2314110	5	21.563	10082500	20.0
Benz[a]anthrace...	22.163	2.3	ng/ul	1174820	5	21.563	10082500	20.0
Perylene	23.916	12.9	ng/ul	1764610	6	24.151	2741240	20.0