LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.270	44	48	59	rVB	45620	69327	1.64%	0.095%
2	3.540	91	94	103	rBV	78575	118029	2.80%	0.161%
3	3.781	131	135	143	rVB	72073	96557	2.29%	0.132%
4	4.540	260	264	269	rVV	46081	63336	1.50%	0.087%
5	4.893	318	324	332	rVB	146964	213187	5.05%	0.292%
6	6.922	660	669	683	rBV	823245	1394773	33.04%	1.908%
7	7.081	689	696	707	rBV	715068	1066421	25.27%	1.459%
8	7.275	722	729	737	rBV	884662	1428373	33.84%	1.954%
9	7.352	738	742	751	rVB4	30599	58579	1.39%	0.080%
10	7.734	794	807	815	rBV	750244	1229037	29.12%	1.681%
11	8.440	920	927	941	rBV	1046470	1672057	39.61%	2.288%
12	8.552	941	946	952	rVB2	44556	76488	1.81%	0.105%
13	8.881	996	1002	1009	rBV	787585	1311059	31.06%	1.794%
14	9.440	1087	1097	1104	rBV	85817	144617	3.43%	0.198%
15	9.593	1116	1123	1138	rBV	696481	1116874	26.46%	1.528%
16	10.134	1207	1215	1237	rBV	926045	1693678	40.13%	2.317%
17	10.504	1266	1278	1285	rBV	881032	1636777	38.78%	2.239%
18	10.652	1296	1303	1317	rVB	107141	237111	5.62%	0.324%
19	11.040	1362	1369	1375	rBV4	33477	61134	1.45%	0.084%
20	11.251	1397	1405	1412	rBV	91330	206245	4.89%	0.282%
21	12.393	1593	1599	1607	rVB	32408	57804	1.37%	0.079%
22	13.175	1725	1732	1740	rBV2	28750	55375	1.31%	0.076%
23	13.528	1785	1792	1798	rBV4	42067	104542	2.48%	0.143%
24	13.675	1810	1817	1822	rBV	86398	155796	3.69%	0.213%
25	13.728	1822	1826	1828	rVV	45425	60411	1.43%	0.083%
26	13.775	1828	1834	1842	rVB	1510535	2227122	52.76%	3.047%
27	13.910	1853	1857	1861	rBV	46049	65778	1.56%	0.090%
28	14.051	1869	1881	1894	rBV	1628637	2805889	66.48%	3.839%
29	14.363	1925	1934	1941	rVV	1193019	1967643	46.62%	2.692%
30	14.428	1941	1945	1952	rVV	81612	147097	3.48%	0.201%
31	14.592	1964	1973	1983	rBV2	535157	1076959	25.51%	1.473%
32	14.669	1983	1986	1991	rVV4	42270	90562	2.15%	0.124%
33	14.763	1994	2002	2011	rVV3	105467	266004	6.30%	0.364%
34	14.845	2011	2016	2021	rVV	55616	98542	2.33%	0.135%
35	14.998	2033	2042	2046	rBV2	66563	118201	2.80%	0.162%
36	15.045	2046	2050	2055	rVB	57053	71260	1.69%	0.097%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	15.163	2063	2070	2073	rBV3	53699	98637	2.34%	0.135%
38	15.381	2097	2107	2112	rVV	2066018	3169546	75.09%	4.336%
39	15.434	2112	2116	2120	rVV2	101043	169591	4.02%	0.232%
40	15.504	2123	2128	2134	rVV	577784	804035	19.05%	1.100%
41	15.551	2134	2136	2140	rVV4	47052	64289	1.52%	0.088%
42	15.592	2140	2143	2149	rVV5	31019	59078	1.40%	0.081%
43	15.734	2162	2167	2174	rVB2	66335	132092	3.13%	0.181%
44	15.881	2185	2192	2200	rVB3	59710	142879	3.39%	0.195%
45	15.951	2200	2204	2217	rVB6	23762	71987	1.71%	0.098%
46	16.128	2228	2234	2240	rVB3	71753	140100	3.32%	0.192%
47	16.463	2281	2291	2295	rBV3	50776	139433	3.30%	0.191%
48	16.510	2295	2299	2305	rVB3	39910	69070	1.64%	0.094%
49	16.569	2305	2309	2315	rBV6	33241	68031	1.61%	0.093%
50	16.692	2322	2330	2334	rBV4	45437	119371	2.83%	0.163%
51	16.739	2335	2338	2342	rVB3	40710	62953	1.49%	0.086%
52	16.828	2348	2353	2360	rVB2	112155	186922	4.43%	0.256%
53	16.898	2360	2365	2368	rBV2	63518	112475	2.66%	0.154%
54	16.986	2376	2380	2388	rVB	121212	205138	4.86%	0.281%
55	17.181	2407	2413	2416	rVV	1345437	1932991	45.80%	2.645%
56	17.228	2416	2421	2425	rVV	1635897	2463389	58.36%	3.370%
57	17.275	2425	2429	2433	rVV2	2120183	3065107	72.62%	4.193%
58	17.310	2433	2435	2441	rVV	411600	515263	12.21%	0.705%
59	17.369	2441	2445	2452	rVV5	36844	70258	1.66%	0.096%
60	17.592	2479	2483	2488	rBV2	55146	112590	2.67%	0.154%
61	17.722	2502	2505	2510	rVB	53384	66237	1.57%	0.091%
62	17.781	2510	2515	2525	rVB2	114612	212184	5.03%	0.290%
63	17.928	2536	2540	2546	rVB	51479	84892	2.01%	0.116%
64	17.998	2549	2552	2556	rVB	54061	76989	1.82%	0.105%
65	18.092	2562	2568	2569	rBV	343156	514132	12.18%	0.703%
66	18.110	2569	2571	2574	rVV2	502799	767511	18.18%	1.050%
67	18.139	2574	2576	2582	rVB	480526	593235	14.05%	0.812%
68	18.222	2587	2590	2594	rVB	171200	205925	4.88%	0.282%
69	18.281	2595	2600	2605	rBV2	415467	805032	19.07%	1.101%
70	18.322	2605	2607	2616	rVB	284054	385544	9.13%	0.527%
71	18.416	2620	2623	2627	rVB3	56470	69250	1.64%	0.095%
72	18.610	2651	2656	2660	rBV	209157	319340	7.57%	0.437%
73	18.657	2660	2664	2670	rVB2	154462	249072	5.90%	0.341%
74	18.863	2696	2699	2703	rVB2	96984	119132	2.82%	0.163%
75	18.916	2705	2708	2711	rVV	77683	103499	2.45%	0.142%
76	18.957	2712	2715	2719	rVB2	86201	119244	2.83%	0.163%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	19.045	2725	2730	2734	rBV	271347	471141	11.16%	0.645%
78	19.110	2735	2741	2744	rVV3	127740	289966	6.87%	0.397%
79	19.139	2744	2746	2750	rVB	113020	125101	2.96%	0.171%
80	19.192	2750	2755	2760	rBV2	253981	474094	11.23%	0.649%
81	19.316	2770	2776	2782	rVB	2216695	3378180	80.03%	4.622%
82	19.457	2796	2800	2807	rVB3	257901	403057	9.55%	0.551%
83	19.663	2830	2835	2838	rBV	2534796	3752354	88.90%	5.134%
84	19.692	2838	2840	2849	rVB	1795451	2367465	56.09%	3.239%
85	19.775	2851	2854	2860	rVB3	132093	219406	5.20%	0.300%
86	20.033	2894	2898	2905	rVB4	167921	390214	9.24%	0.534%
87	20.175	2919	2922	2924	rBV3	123102	168720	4.00%	0.231%
88	20.251	2933	2935	2939	rVB	116507	108271	2.57%	0.148%
89	20.380	2952	2957	2961	rVB2	277926	382276	9.06%	0.523%
90	20.569	2987	2989	2996	rVB2	152029	235951	5.59%	0.323%
91	21.016	3062	3065	3069	rVB	279945	373772	8.86%	0.511%
92	21.310	3110	3115	3120	rVB2	831835	1306861	30.96%	1.788%
93	21.633	3162	3170	3175	rBV3	1636760	4220934	100.00%	5.775%
94	21.686	3175	3179	3189	rVB	1038682	1876399	44.45%	2.567%
95	22.557	3324	3327	3340	rVB3	793857	1615959	38.28%	2.211%
96	23.933	3556	3561	3570	rBV2	520368	1533293	36.33%	2.098%
97	24.133	3590	3595	3601	rVV2	443408	921003	21.82%	1.260%
98	24.216	3602	3609	3619	rVB2	888537	2283499	54.10%	3.124%
99	24.780	3697	3705	3711	rBV3	745943	2006644	47.54%	2.745%
100	24.998	3735	3742	3752	rVB	856285	2258498	53.51%	3.090%

Sum of corrected areas: 73092145

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
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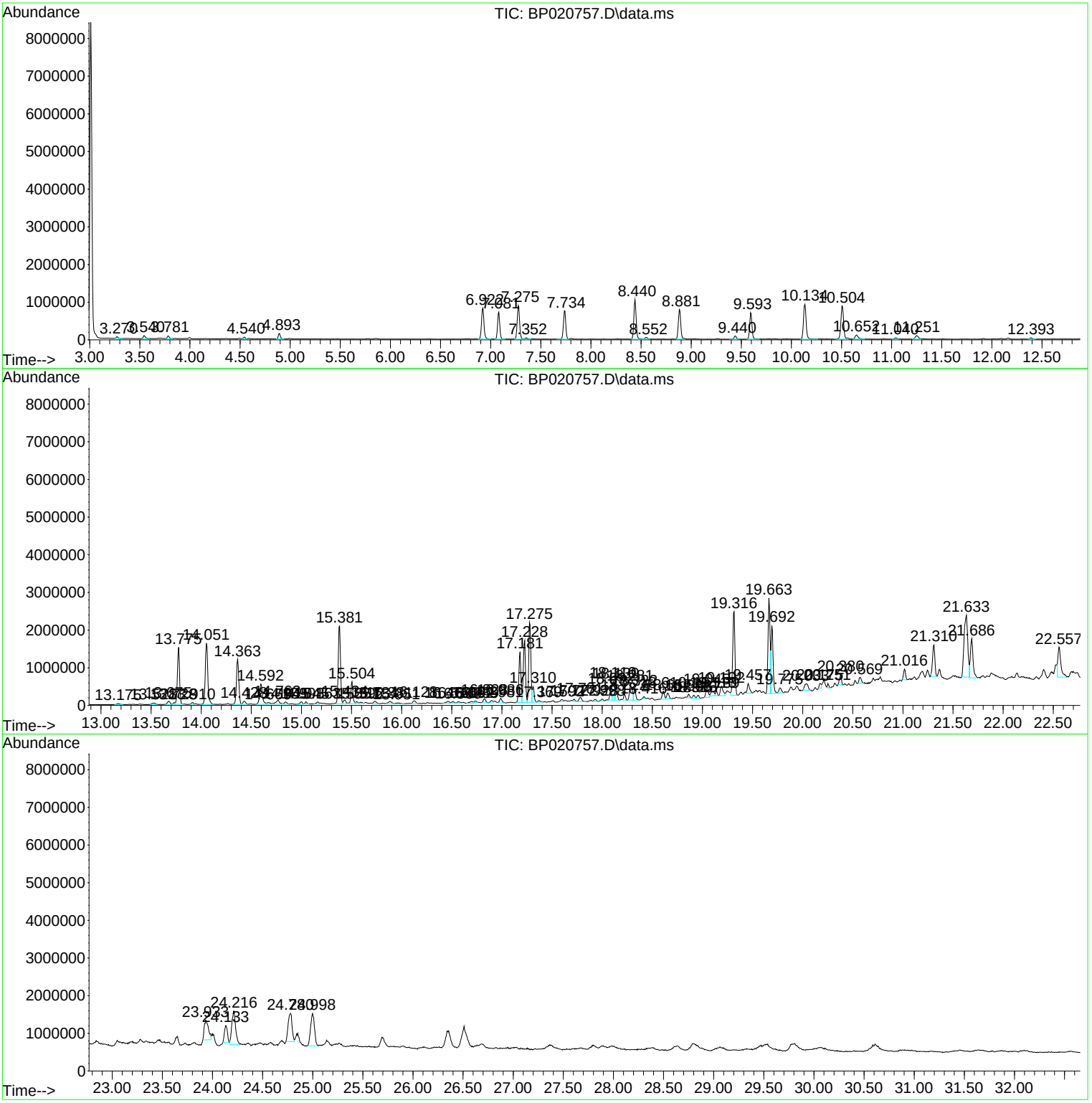
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
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Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

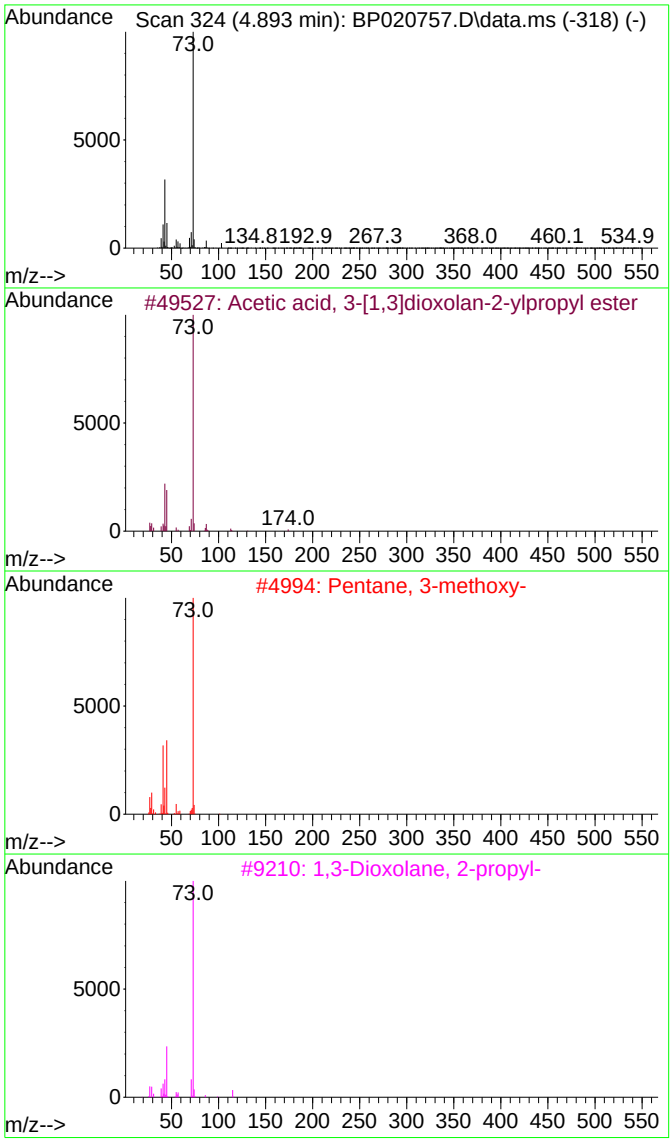
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

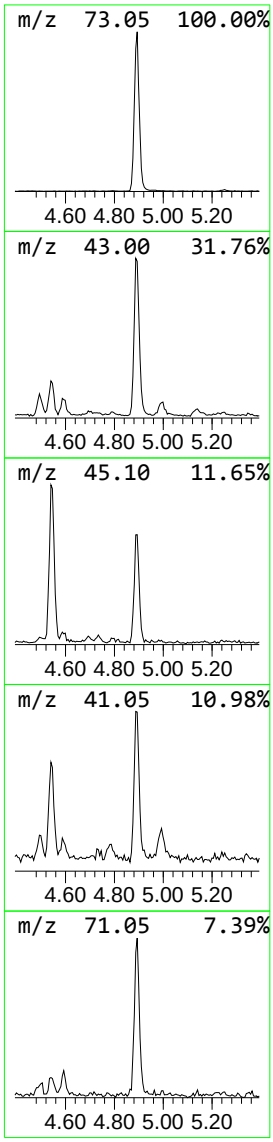
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	3.47 ng/ul	213187	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
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Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

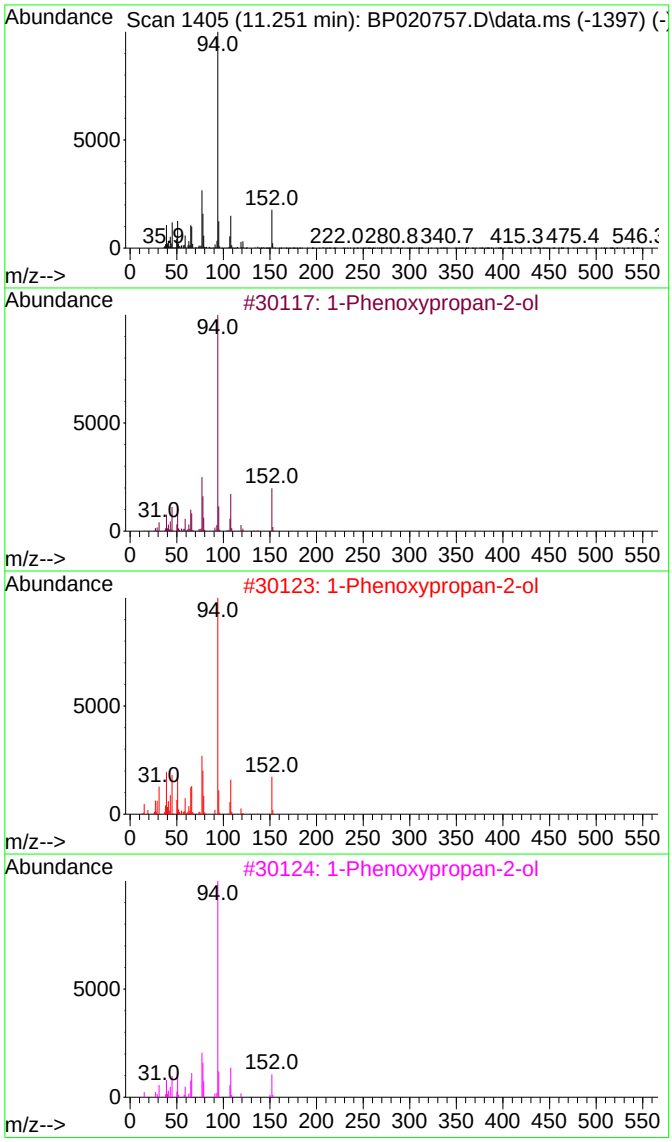
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

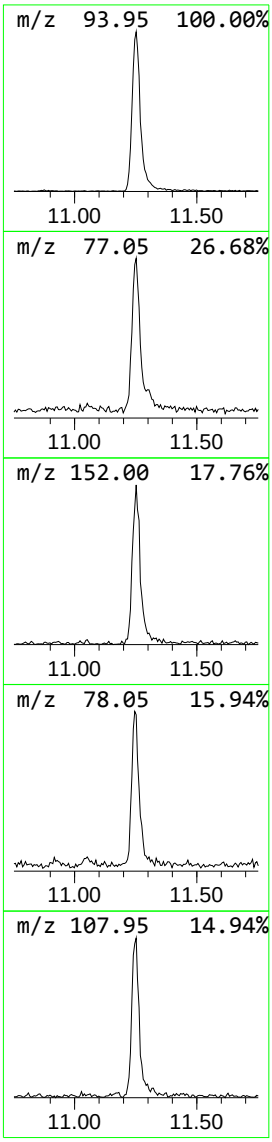
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.252	2.52 ng/ul	206245	Naphthalene-d8	10.505

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
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Sample : P2963-12
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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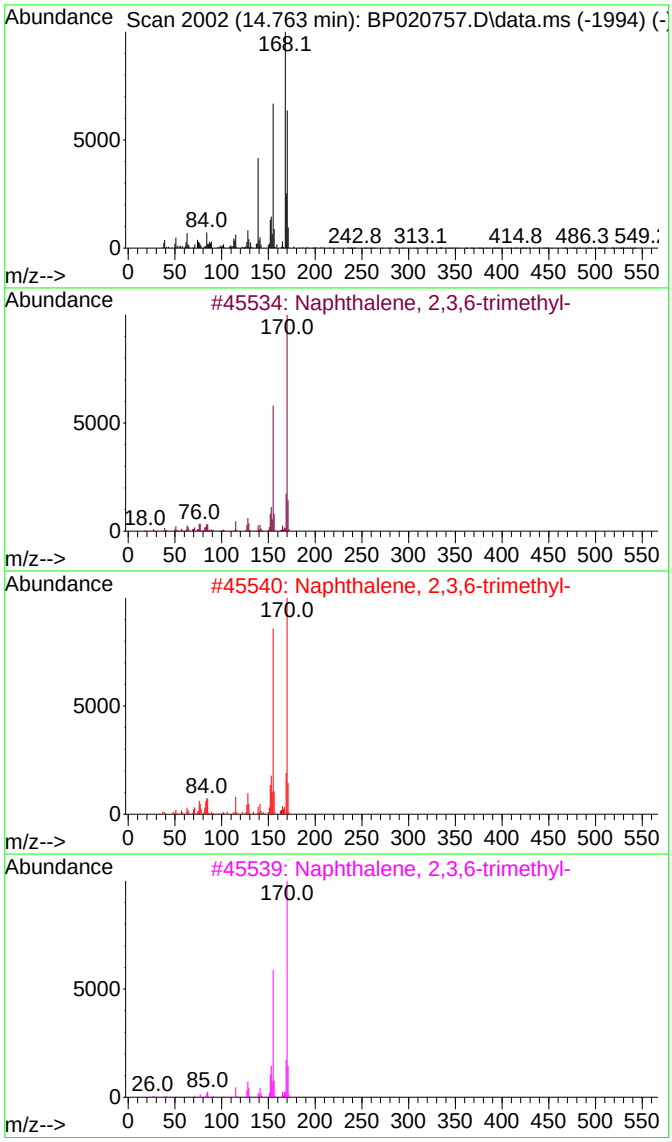
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

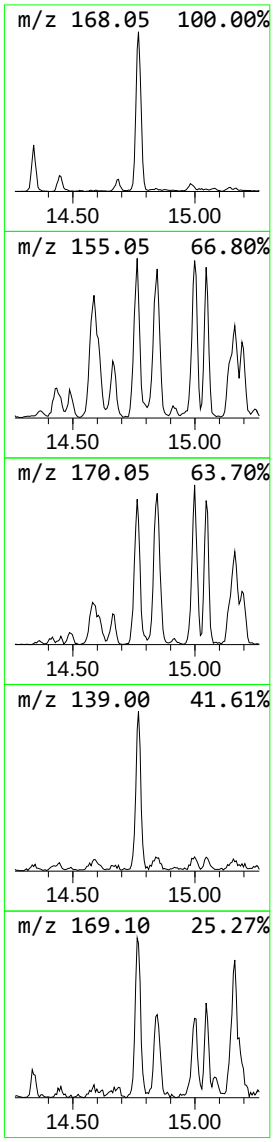
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	2.70 ng/ul	266004	Acenaphthene-d10	14.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	52
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	52
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

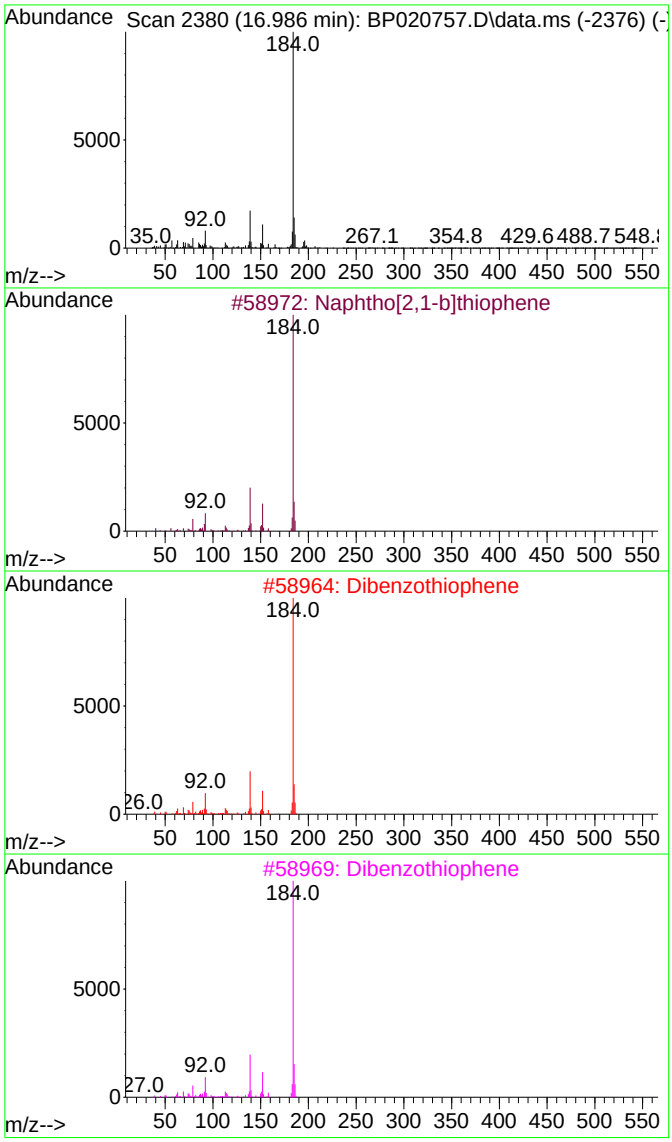
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

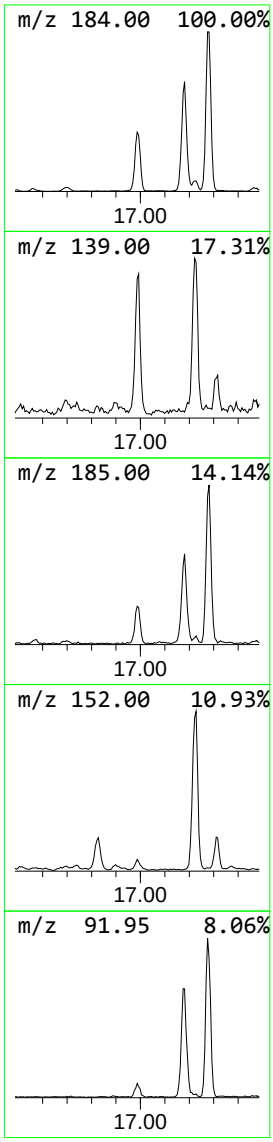
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	2.12 ng/ul	205138	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	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	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

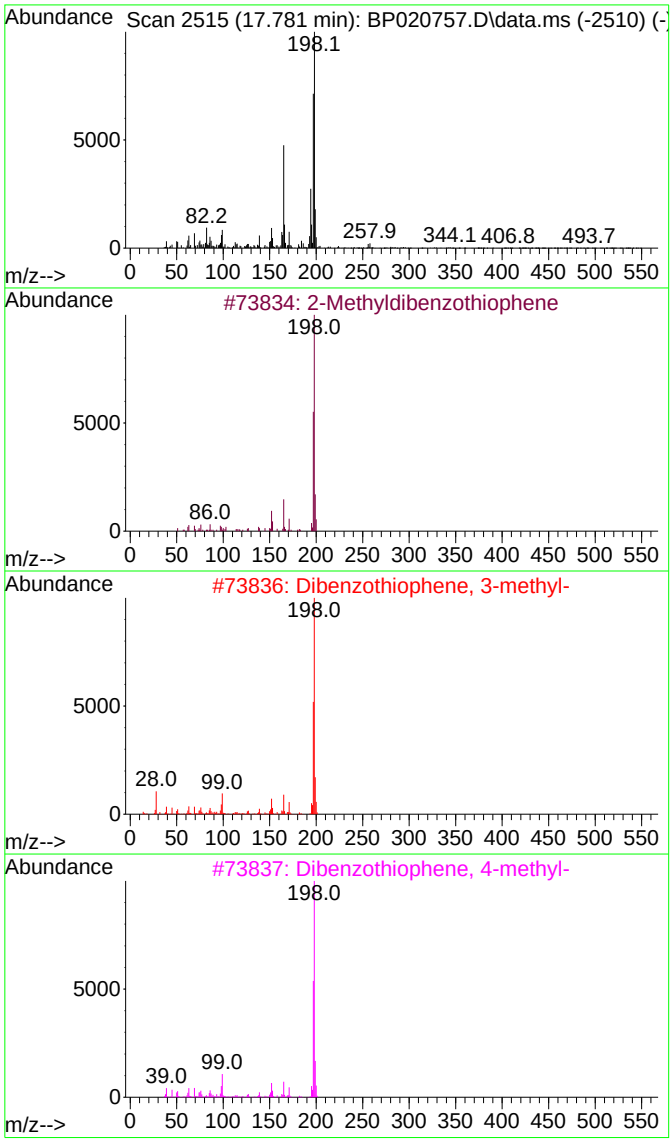
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

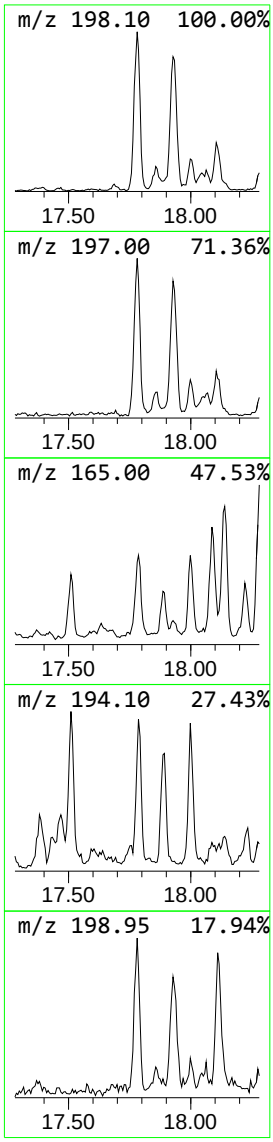
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	2.20 ng/ul	212184	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	70
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	58
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	52
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	50





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Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

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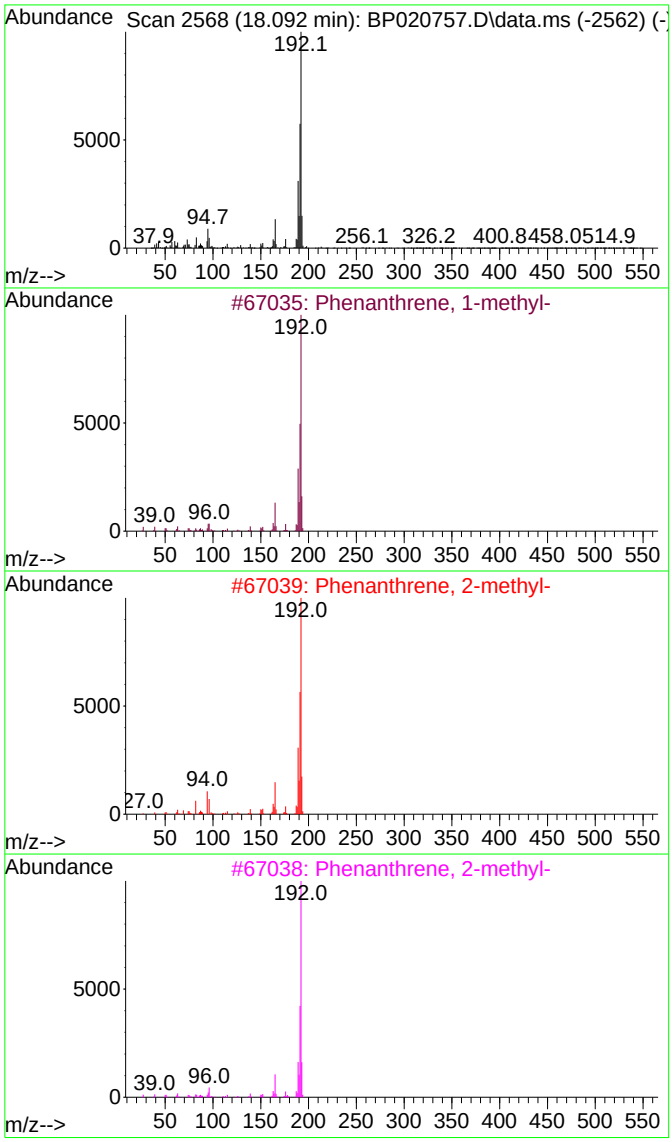
Quant Title : SVOA CALIBRATION

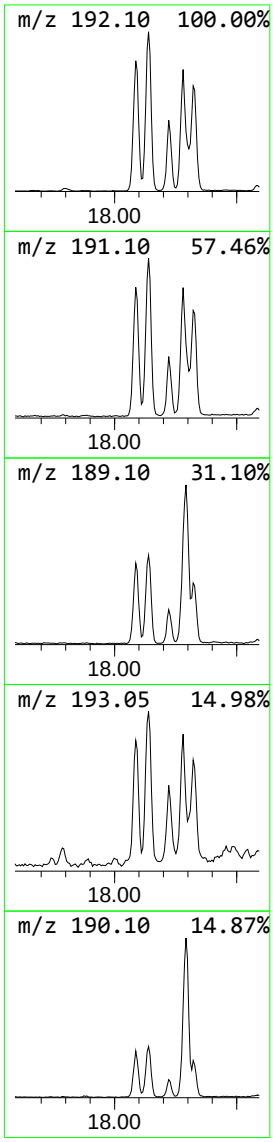
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	5.32 ng/ul	514132	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

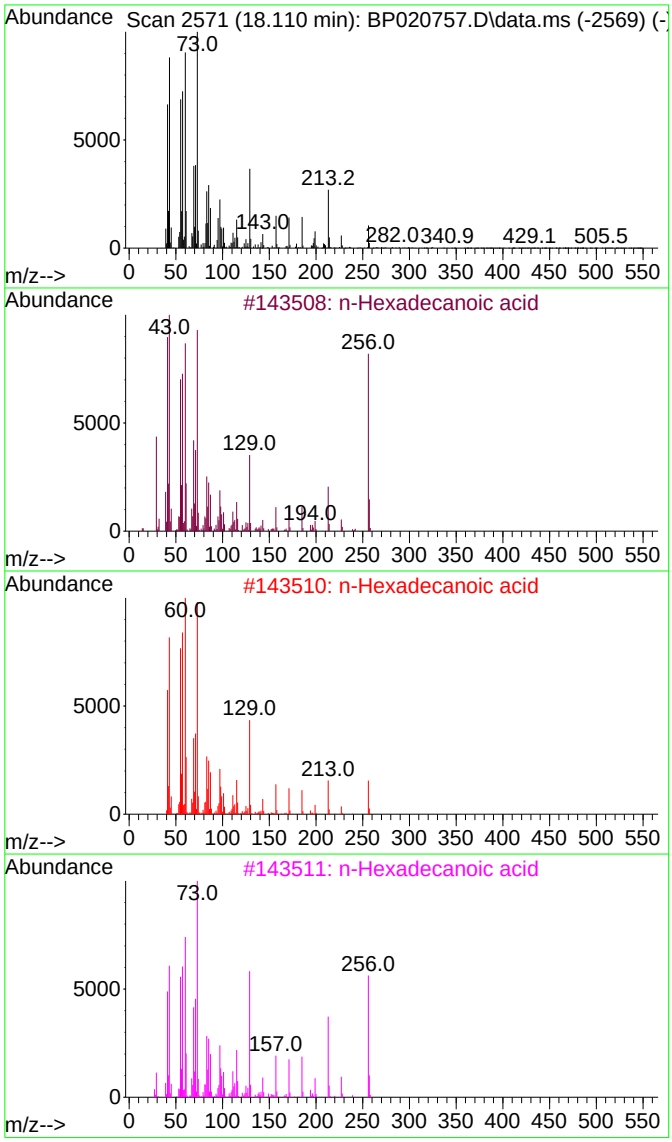
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

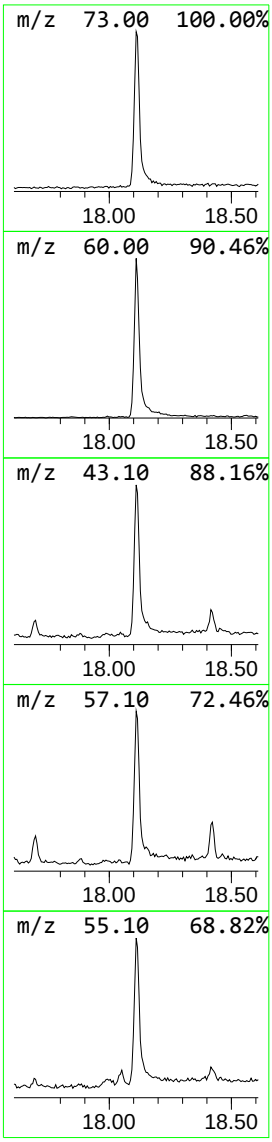
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	7.94 ng/ul	767511	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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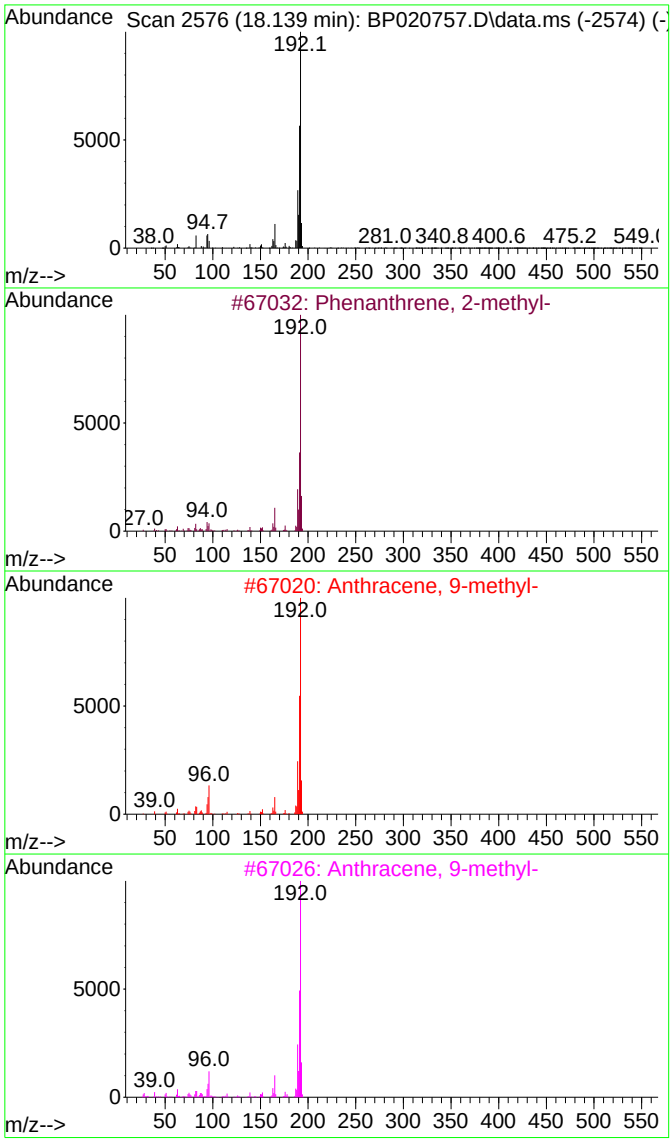
Quant Title : SVOA CALIBRATION

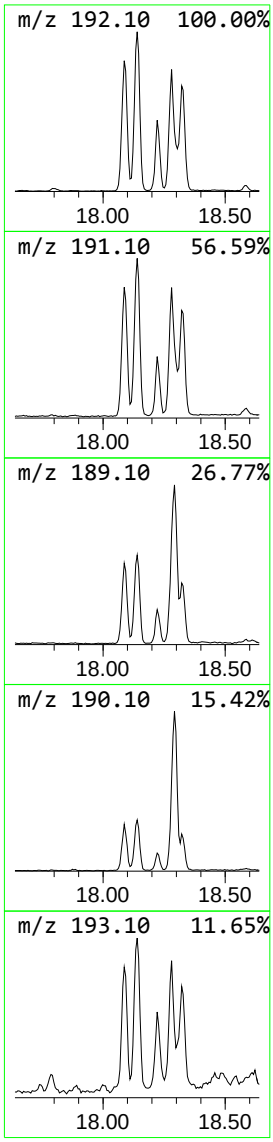
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	6.14 ng/ul	593235	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

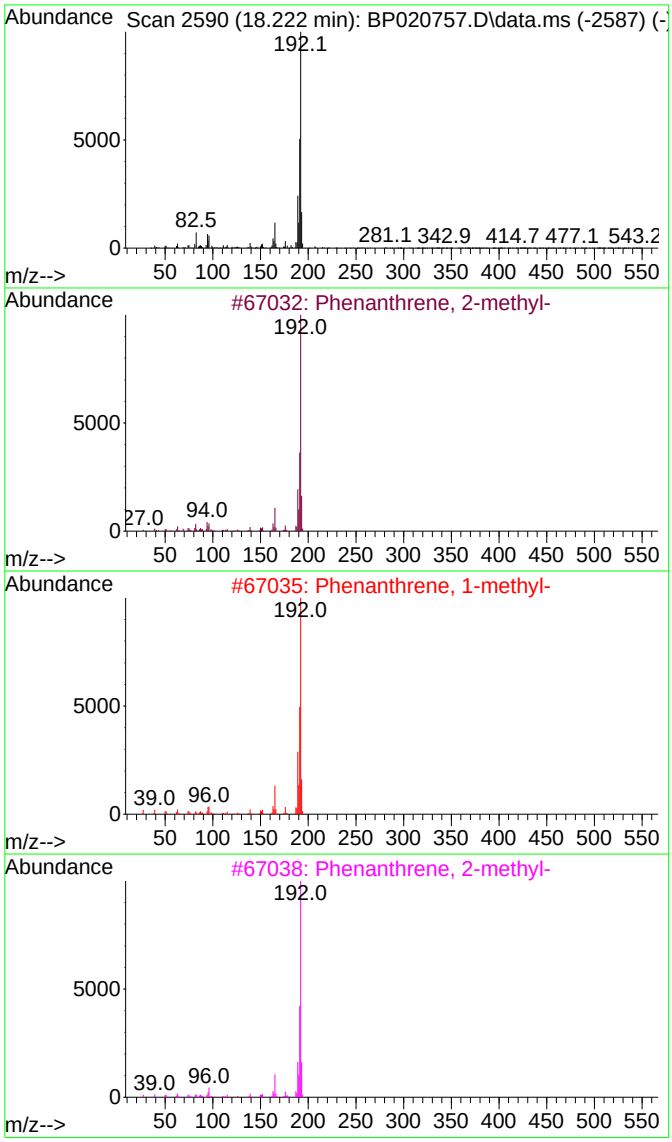
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

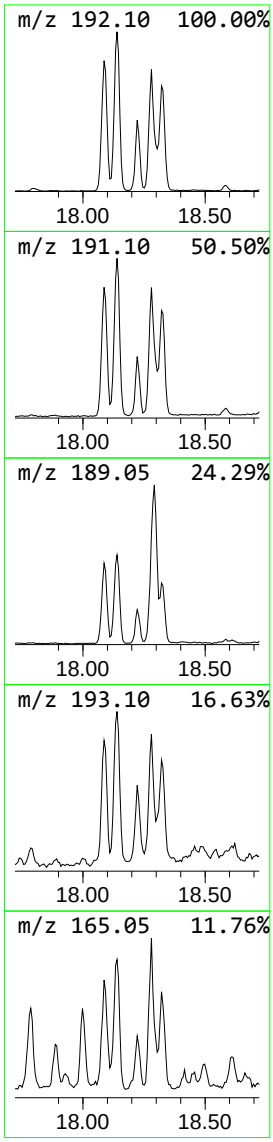
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	2.13 ng/ul	205925	Phenanthrene-d10	17.181

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
A4CR6

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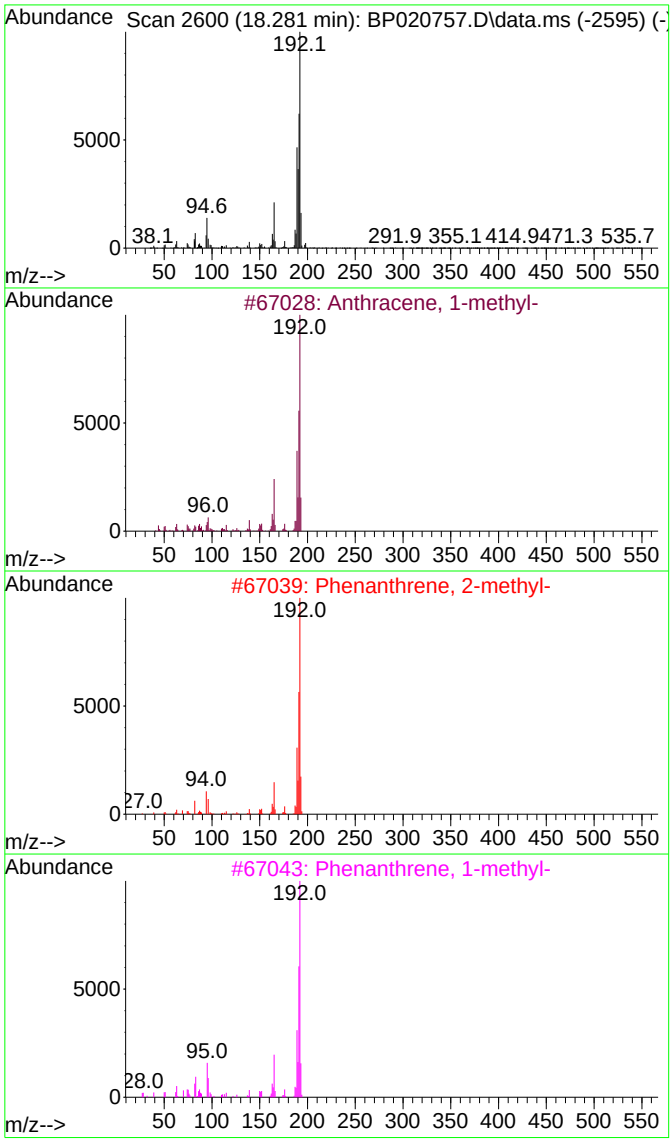
Quant Title : SVOA CALIBRATION

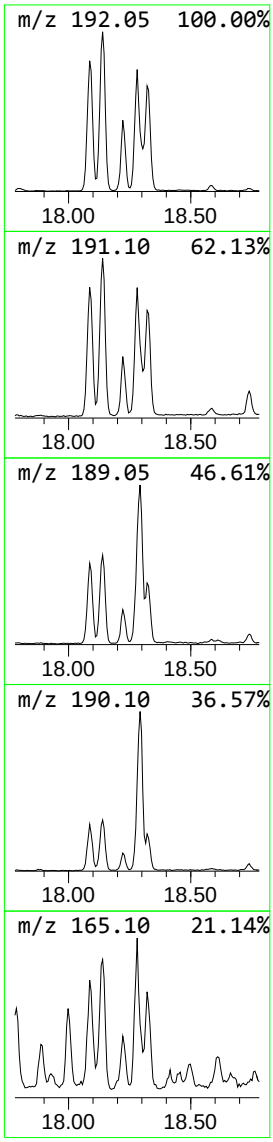
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	8.33 ng/ul	805032	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	64





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Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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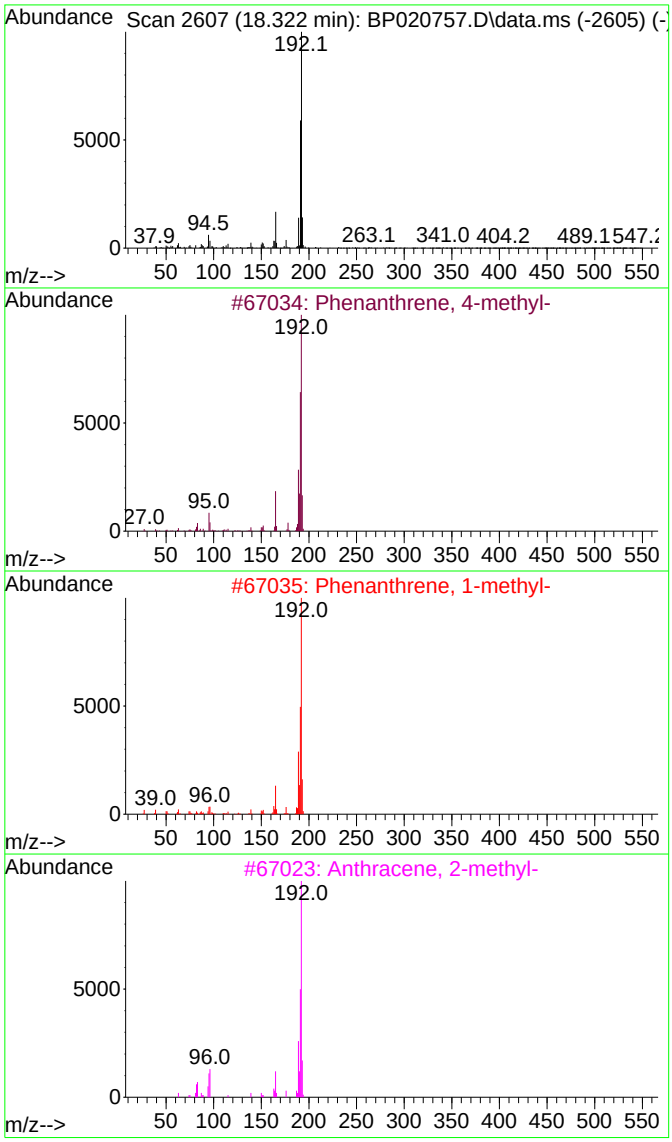
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

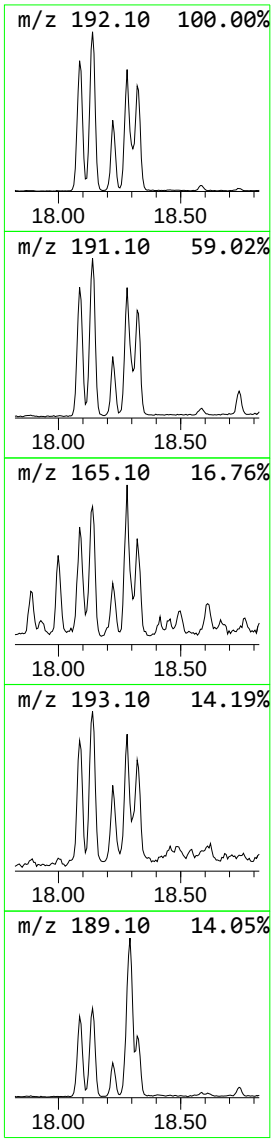
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	3.99 ng/ul	385544	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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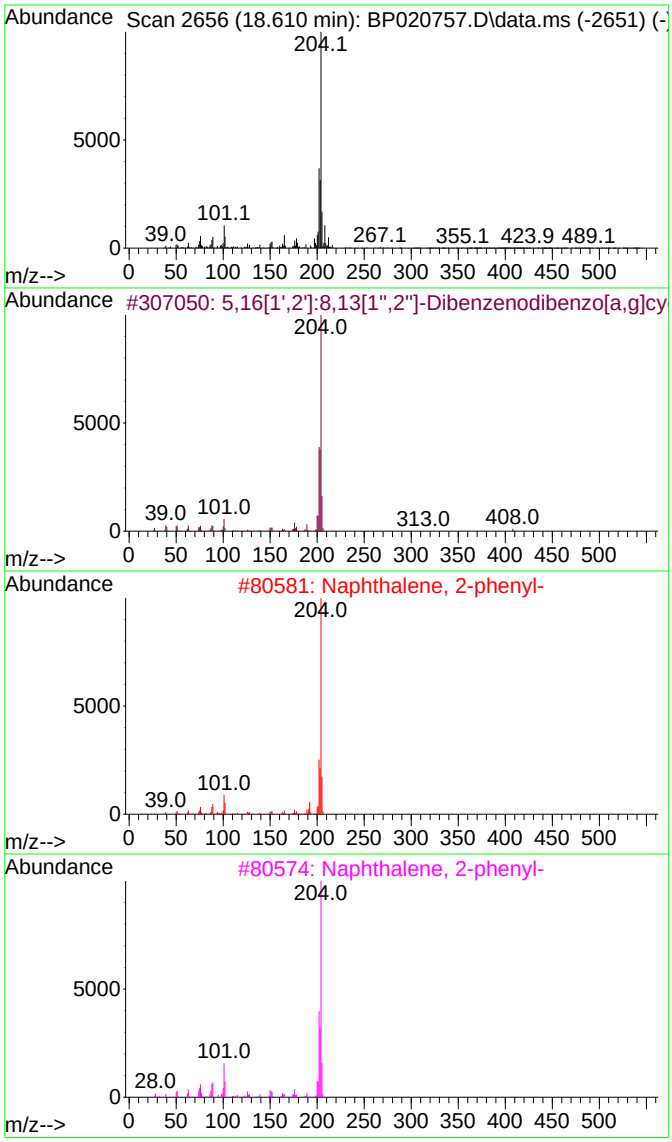
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

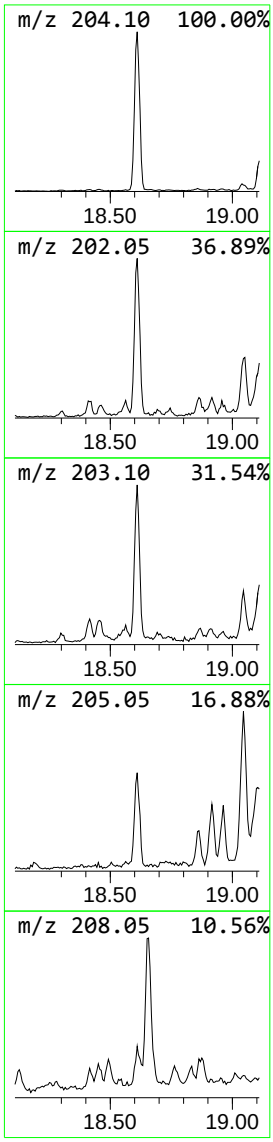
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	3.30 ng/ul	319340	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76





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Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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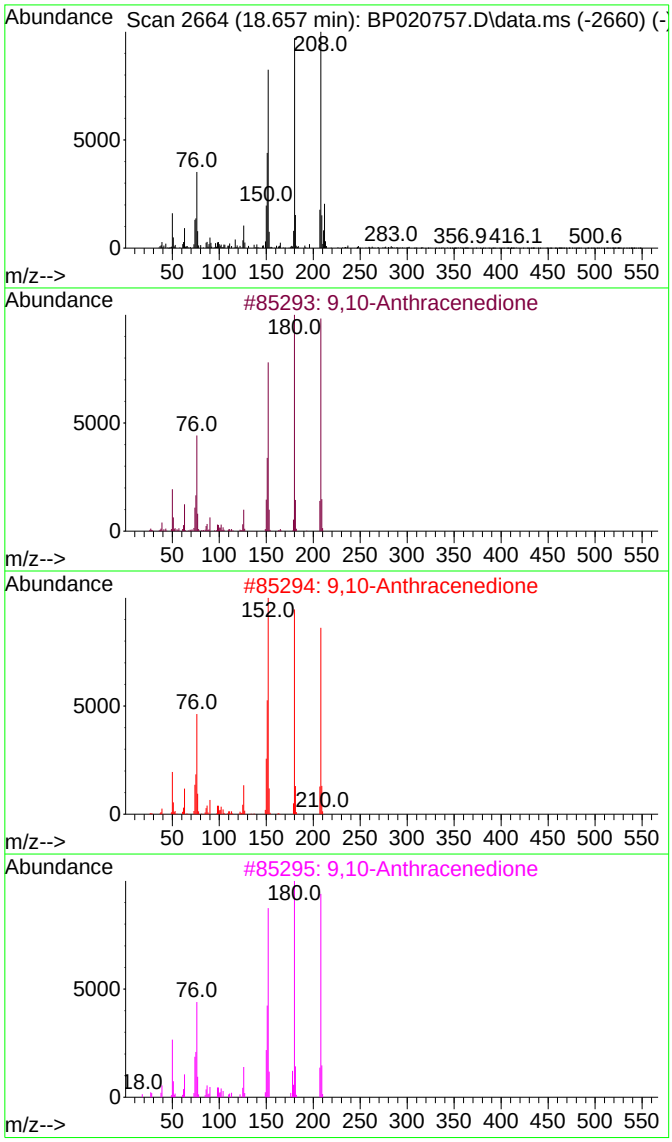
Quant Title : SVOA CALIBRATION

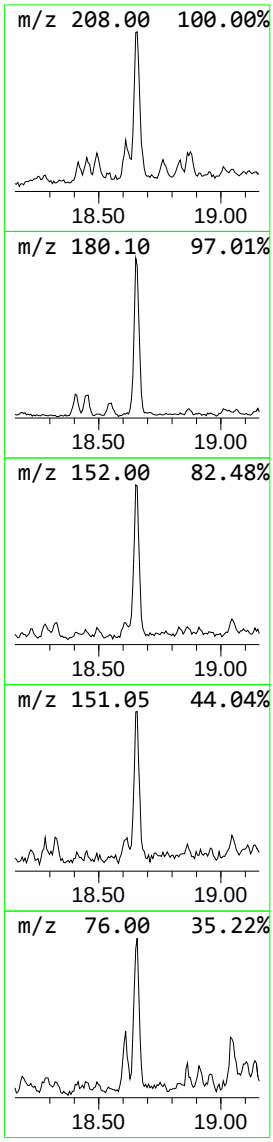
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	2.58 ng/ul	249072	Phenanthrene-d10	17.181

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	95
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	64





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Sample : P2963-12
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ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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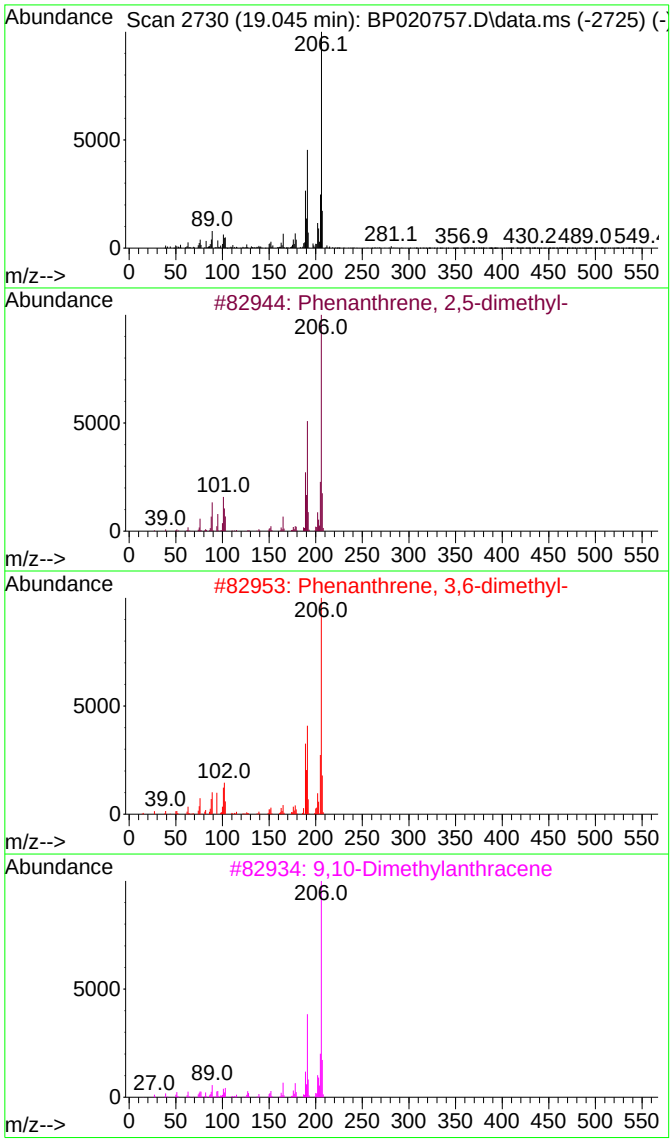
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

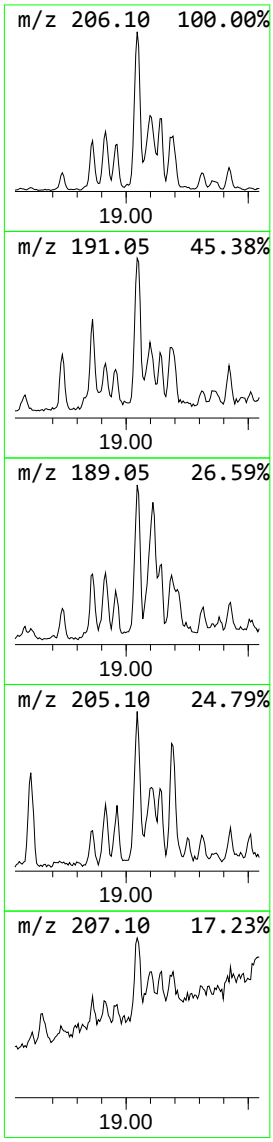
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	4.87 ng/ul	471141	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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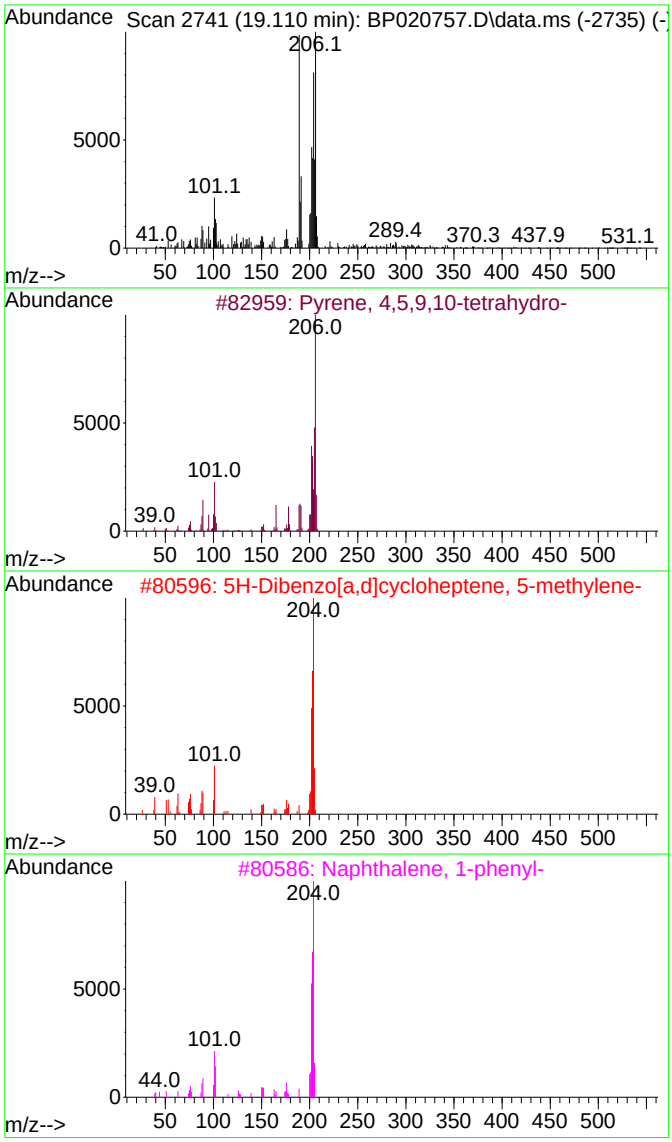
Quant Title : SVOA CALIBRATION

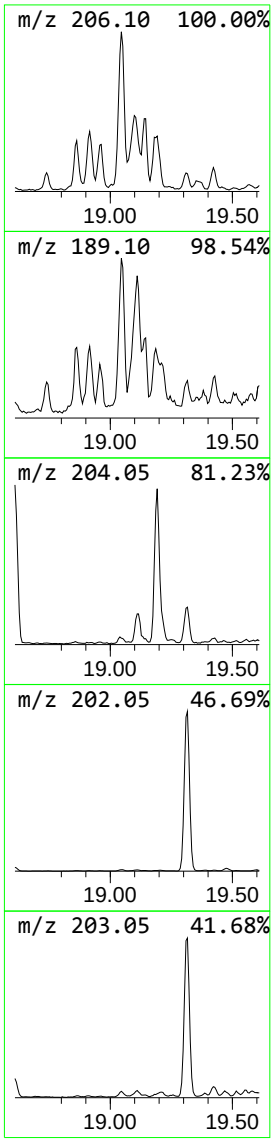
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	3.00 ng/ul	289966	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	38
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Sample : P2963-12
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ALS Vial : 47 Sample Multiplier: 1

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ClientSampleId :
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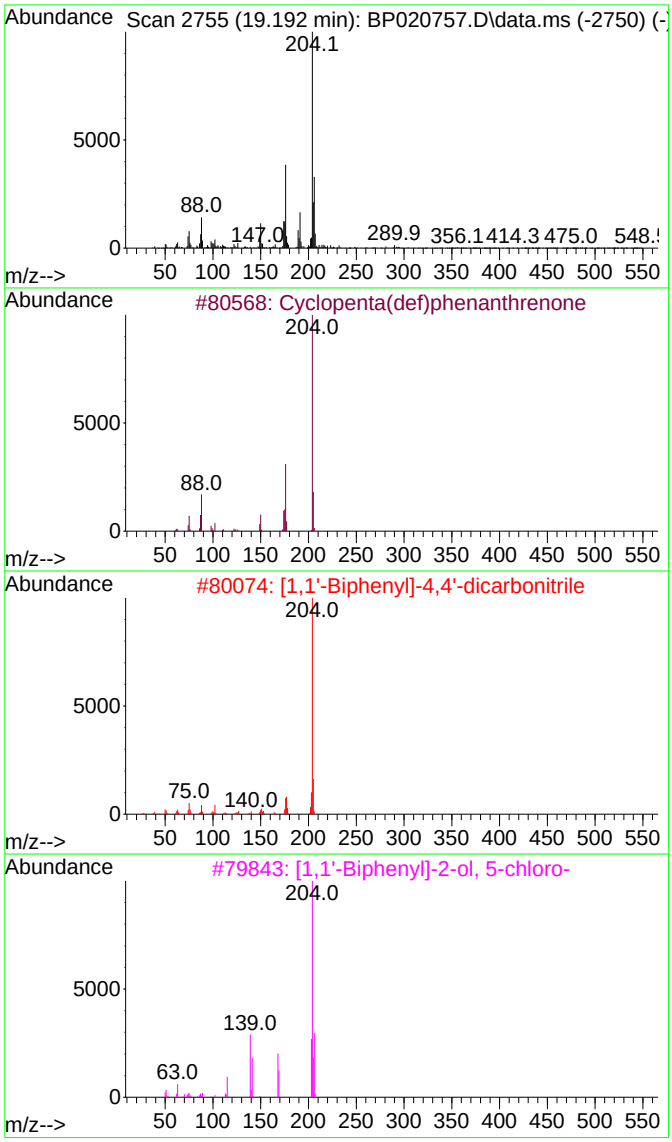
Quant Title : SVOA CALIBRATION

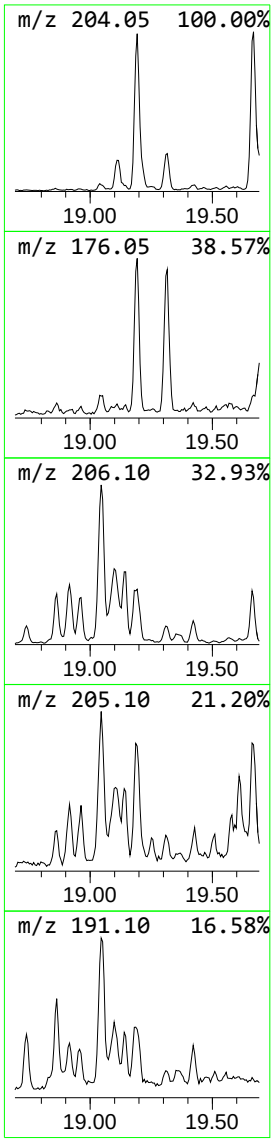
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	4.91 ng/ul	474094	Phenanthrene-d10	17.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

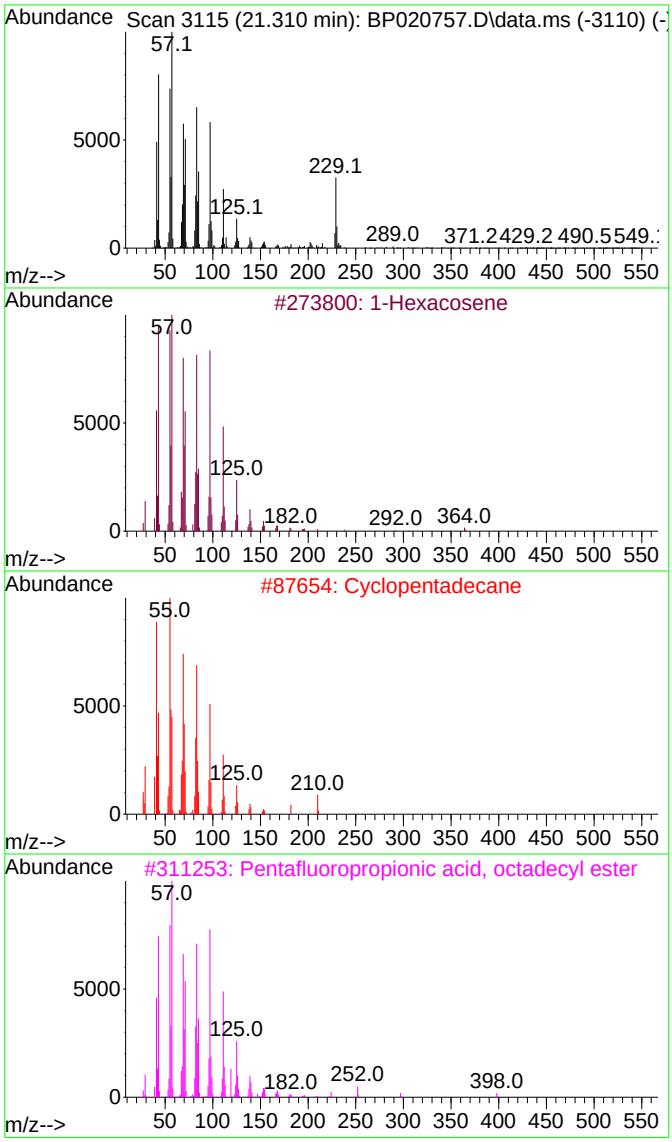
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

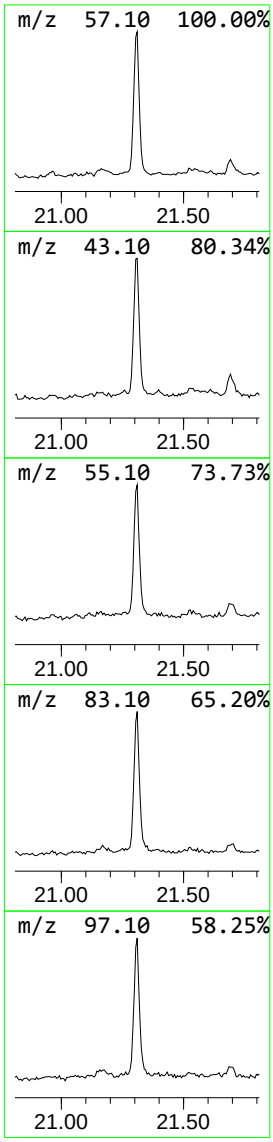
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.310	6.19 ng/ul	1306860	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	Cyclopentadecane	210	C15H30	000295-48-7	87
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	87
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	17-Pentatriacontene	491	C35H70	006971-40-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

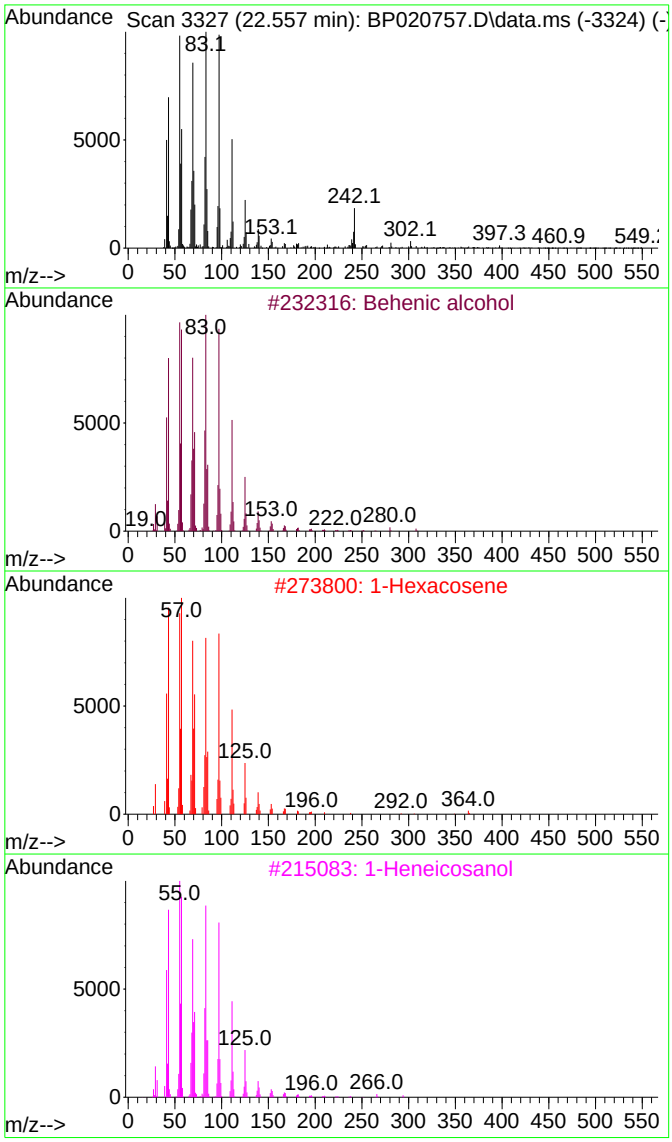
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

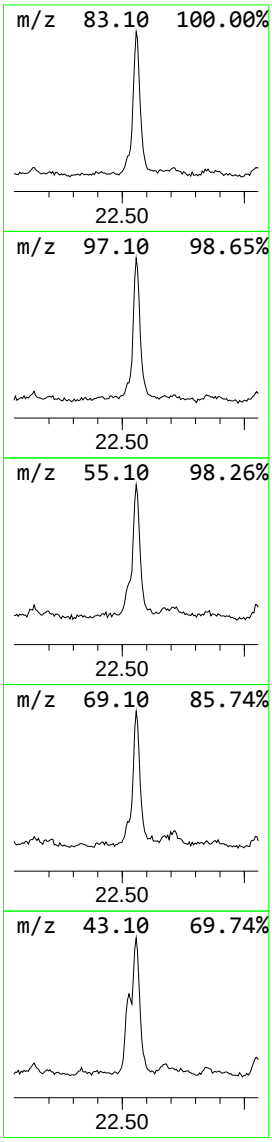
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.557	7.66 ng/ul	1615960	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

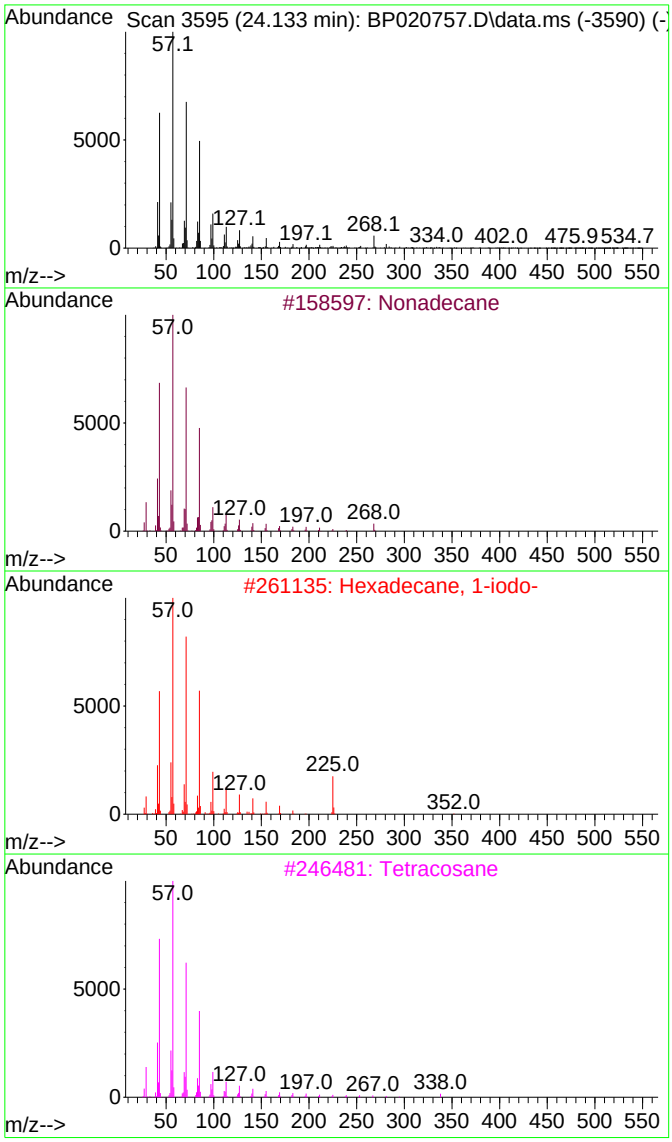
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

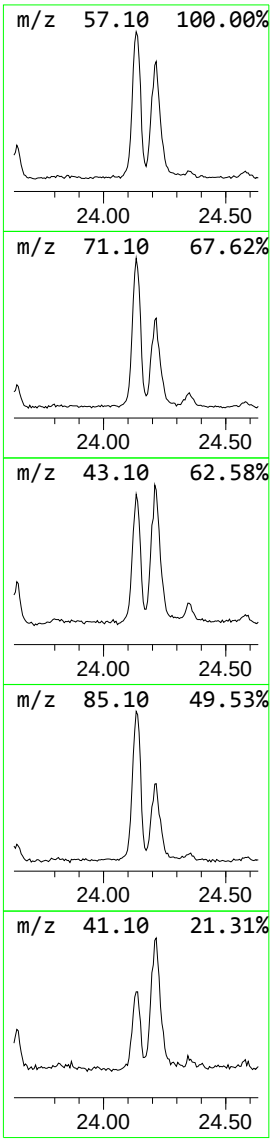
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.133	8.16 ng/ul	921003	Perylene-d12	24.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	98
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	97
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

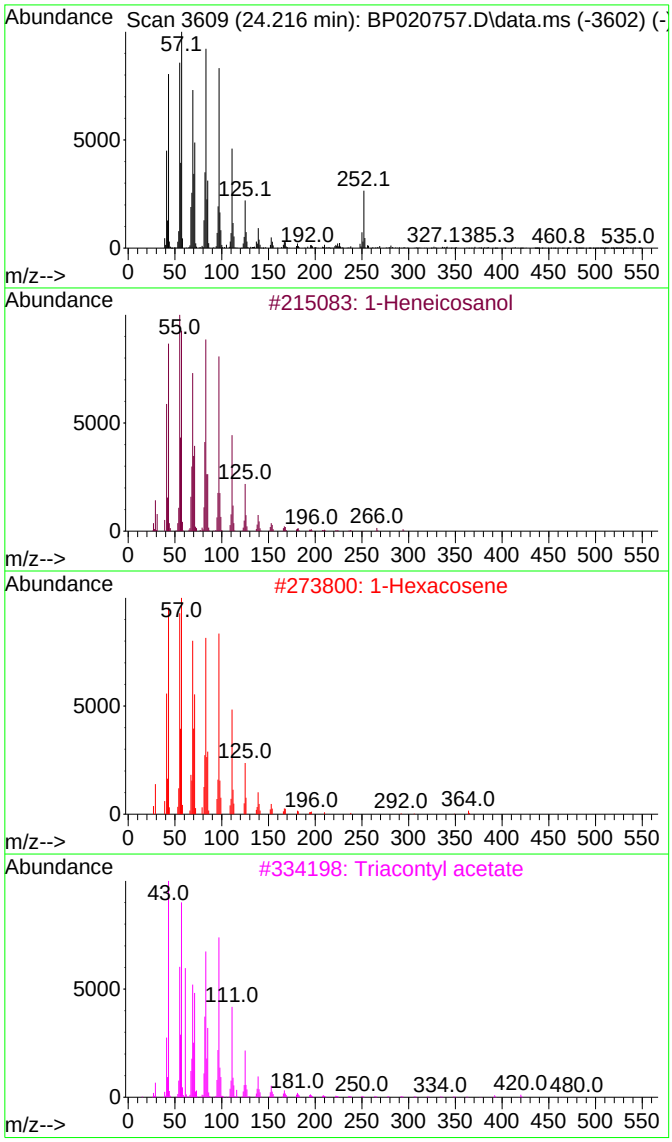
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

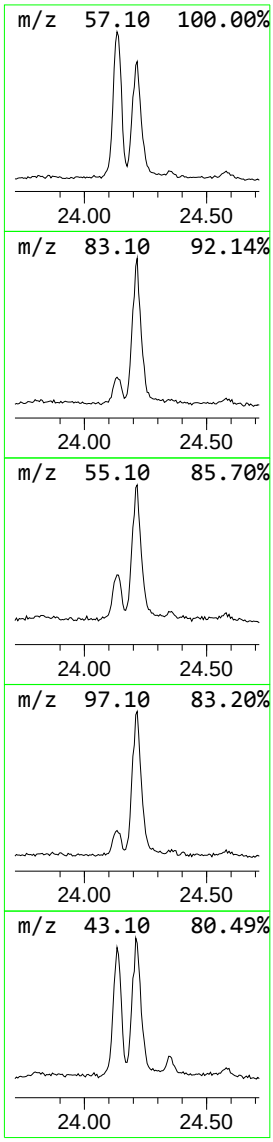
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.215	20.22 ng/ul	2283500	Perylene-d12	24.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	Triacontyl acetate	480	C32H64O2	041755-58-2	95
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
5	Octacosanol	410	C28H58O	000557-61-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020757.D
Acq On : 02 Jul 2024 19:24
Operator : MA/JU
Sample : P2963-12
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
unknown-01	4.893	3.5	ng/ul	213187	1	7.740	1229040	20.0
1-Phenoxypropan...	11.252	2.5	ng/ul	206245	2	10.505	1636780	20.0
Naphthalene, 2,...	14.763	2.7	ng/ul	266004	3	14.363	1967640	20.0
Naphtho[2,1-b]t...	16.986	2.1	ng/ul	205138	4	17.181	1932990	20.0
2-Methyldibenzo...	17.781	2.2	ng/ul	212184	4	17.181	1932990	20.0
Phenanthrene, 1...	18.092	5.3	ng/ul	514132	4	17.181	1932990	20.0
n-Hexadecanoic ...	18.110	7.9	ng/ul	767511	4	17.181	1932990	20.0
Phenanthrene, 2...	18.139	6.1	ng/ul	593235	4	17.181	1932990	20.0
Anthracene, 9-m...	18.222	2.1	ng/ul	205925	4	17.181	1932990	20.0
Anthracene, 1-m...	18.281	8.3	ng/ul	805032	4	17.181	1932990	20.0
Phenanthrene, 4...	18.322	4.0	ng/ul	385544	4	17.181	1932990	20.0
5,16[1',2']:8,1...	18.610	3.3	ng/ul	319340	4	17.181	1932990	20.0
9,10-Anthracene...	18.657	2.6	ng/ul	249072	4	17.181	1932990	20.0
Phenanthrene, 2...	19.045	4.9	ng/ul	471141	4	17.181	1932990	20.0
unknown-02	19.110	3.0	ng/ul	289966	4	17.181	1932990	20.0
Cyclopenta(def)...	19.192	4.9	ng/ul	474094	4	17.181	1932990	20.0
(DEL) Alkane: S...	21.310	6.2	ng/ul	1306860	5	21.633	4220930	20.0
Behenic alcohol	22.557	7.7	ng/ul	1615960	5	21.633	4220930	20.0
(DEL) Alkane: S...	24.133	8.2	ng/ul	921003	6	24.998	2258500	20.0
1-Heneicosanol	24.215	20.2	ng/ul	2283500	6	24.998	2258500	20.0