LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CG2

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: BP020816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	44	47	53	rVB	33889	45525	0.75%	0.050%
2	3.540	91	94	106	rVB	25782	44200	0.73%	0.048%
3	3.781	130	135	141	rVB	68233	90744	1.50%	0.099%
4	3.993	166	171	177	rVB	26472	39071	0.64%	0.043%
5	4.534	259	263	268	rVV2	26037	35944	0.59%	0.039%
6	4.887	318	323	331	rVB	71415	110978	1.83%	0.121%
7	5.763	466	472	479	rBV4	17499	32888	0.54%	0.036%
8	6.428	579	585	592	rVB	264307	410199	6.77%	0.447%
9	6.928	660	670	682	rBV	671358	1140932	18.83%	1.243%
10	7.075	689	695	706	rBV	523051	821988	13.57%	0.895%
11	7.169	706	711	722	rVB	251437	402508	6.64%	0.438%
12	7.281	722	730	737	rBV	687394	1155773	19.08%	1.259%
13	7.346	737	741	746	rBV2	25043	36085	0.60%	0.039%
14	7.734	796	807	814	rBV	729414	1135460	18.74%	1.237%
15	8.440	918	927	937	rBV	826690	1431963	23.64%	1.560%
16	8.551	941	946	951	rVB	29428	49646	0.82%	0.054%
17	8.881	995	1002	1015	rBV	692898	1145642	18.91%	1.248%
18	9.434	1086	1096	1104	rBV	69027	123331	2.04%	0.134%
19	9.593	1115	1123	1136	rBV	604379	967516	15.97%	1.054%
20	9.810	1147	1160	1170	rBV9	44892	137418	2.27%	0.150%
21	9.922	1173	1179	1188	rVV2	59738	115606	1.91%	0.126%
22	10.134	1207	1215	1226	rBV	762753	1484607	24.51%	1.617%
23	10.504	1265	1278	1284	rBV	921914	1644429	27.14%	1.791%
24	10.557	1284	1287	1291	rVV	49197	74728	1.23%	0.081%
25	10.651	1296	1303	1316	rVB	162850	355028	5.86%	0.387%
26	11.040	1360	1369	1375	rBV5	27548	61451	1.01%	0.067%
27	11.245	1396	1404	1412	rBV	97554	215632	3.56%	0.235%
28	12.010	1528	1534	1539	rVV8	15475	34679	0.57%	0.038%
29	12.157	1554	1559	1566	rVB2	32538	54772	0.90%	0.060%
30	12.387	1592	1598	1603	rVV	19619	35887	0.59%	0.039%
31	13.169	1726	1731	1738	rVV3	27327	53400	0.88%	0.058%
32	13.528	1782	1792	1797	rBV5	19560	55421	0.91%	0.060%
33	13.675	1812	1817	1822	rBV2	29493	53223	0.88%	0.058%
34	13.775	1828	1834	1848	rVB	1512354	2148698	35.47%	2.341%
35	14.057	1869	1882	1898	rBV2	1544683	3123572	51.56%	3.402%
36	14.257	1914	1916	1920	rVB	28219	33052	0.55%	0.036%

LSC Area Percent Report

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Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

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	14.363	1925	1934	1941	rVV	1346367	2181215	36.01%	2.376%
38	14.434	1941	1946	1953	rVB2	45540	83346	1.38%	0.091%
39	14.604	1964	1975	1985	rBV5	541544	1595823	26.34%	1.738%
40	14.739	1994	1998	2000	rBV2	54646	74506	1.23%	0.081%
41	14.769	2000	2003	2011	rVV2	70585	125521	2.07%	0.137%
42	14.845	2012	2016	2021	rVB2	28513	43840	0.72%	0.048%
43	14.992	2035	2041	2045	rBV4	32815	68238	1.13%	0.074%
44	15.045	2046	2050	2053	rVB	35730	50277	0.83%	0.055%
45	15.375	2097	2106	2112	rVV	2389235	3276562	54.09%	3.569%
46	15.428	2112	2115	2124	rVB2	71361	155061	2.56%	0.169%
47	15.510	2124	2129	2134	rBV	370142	486092	8.02%	0.529%
48	15.633	2148	2150	2158	rVB6	22508	38671	0.64%	0.042%
49	15.728	2162	2166	2172	rBV	46793	81232	1.34%	0.088%
50	15.880	2188	2192	2199	rVB3	41452	84035	1.39%	0.092%
51	16.122	2227	2233	2241	rBV3	84123	178846	2.95%	0.195%
52	16.457	2284	2290	2295	rBV4	57419	128303	2.12%	0.140%
53	16.504	2296	2298	2304	rVV2	38474	62959	1.04%	0.069%
54	16.563	2304	2308	2312	rVV4	50267	72774	1.20%	0.079%
55	16.610	2314	2316	2322	rVB3	34680	43474	0.72%	0.047%
56	16.692	2327	2330	2334	rBV2	39850	55599	0.92%	0.061%
57	16.739	2335	2338	2341	rVB3	40985	44607	0.74%	0.049%
58	16.822	2348	2352	2358	rVB2	96585	160590	2.65%	0.175%
59	16.892	2360	2364	2366	rBV2	47806	73897	1.22%	0.080%
60	16.986	2376	2380	2388	rVB	82173	156026	2.58%	0.170%
61	17.104	2393	2400	2403	rVV7	43268	120490	1.99%	0.131%
62	17.175	2406	2412	2416	rVV	1668530	2577435	42.55%	2.808%
63	17.222	2416	2420	2424	rVV	1320934	1828807	30.19%	1.992%
64	17.275	2424	2429	2433	rVV2	2350863	3500270	57.78%	3.813%
65	17.310	2433	2435	2441	rVV	573783	702852	11.60%	0.766%
66	17.363	2441	2444	2451	rVB4	58809	115267	1.90%	0.126%
67	17.598	2479	2484	2493	rVB2	75416	189062	3.12%	0.206%
68	17.692	2497	2500	2501	rVV2	48359	52960	0.87%	0.058%
69	17.716	2502	2504	2509	rVB	93803	105264	1.74%	0.115%
70	17.786	2511	2516	2522	rBV	114732	190466	3.14%	0.207%
71	17.874	2528	2531	2534	rVB3	54797	56465	0.93%	0.062%
72	18.116	2562	2572	2574	rBV2	746497	1808662	29.86%	1.970%
73	18.216	2585	2589	2593	rVB	210904	258111	4.26%	0.281%
74	18.280	2594	2600	2603	rVV2	534128	952158	15.72%	1.037%
75	18.316	2603	2606	2613	rVB	271199	448602	7.41%	0.489%
76	18.410	2619	2622	2626	rBV4	105705	149869	2.47%	0.163%

LSC Area Percent Report

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Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

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	18.604	2651	2655	2659	rBV	196440	311961	5.15%	0.340%
78	18.651	2659	2663	2668	rVB2	229413	349740	5.77%	0.381%
79	18.857	2695	2698	2702	rBV2	128154	161865	2.67%	0.176%
80	18.904	2702	2706	2711	rVV	178785	296636	4.90%	0.323%
81	19.033	2724	2728	2732	rBV	259424	452780	7.47%	0.493%
82	19.186	2749	2754	2760	rBV3	309754	678321	11.20%	0.739%
83	19.239	2761	2763	2768	rBV5	109997	113541	1.87%	0.124%
84	19.310	2769	2775	2780	rBV	3877687	5472482	90.33%	5.961%
85	19.439	2794	2797	2799	rBV	383681	456192	7.53%	0.497%
86	19.657	2829	2834	2837	rBV	2886412	4318916	71.29%	4.704%
87	19.686	2837	2839	2848	rVB	2648596	3517534	58.06%	3.832%
88	20.210	2924	2928	2930	rBV	547149	665428	10.98%	0.725%
89	20.310	2942	2945	2950	rVB	453711	613642	10.13%	0.668%
90	21.292	3107	3112	3119	rVB3	1512149	2520427	41.60%	2.745%
91	21.627	3161	3169	3174	rBV3	2203927	6057996	100.00%	6.599%
92	21.680	3174	3178	3189	rVB	2075385	3747163	61.85%	4.082%
93	22.510	3315	3319	3320	rBV	742515	911755	15.05%	0.993%
94	22.545	3322	3325	3333	rVB3	1501495	2565643	42.35%	2.795%
95	23.933	3555	3561	3567	rBV	998262	2623905	43.31%	2.858%
96	24.098	3583	3589	3596	rVB	1258936	2832309	46.75%	3.085%
97	24.174	3596	3602	3612	rVB2	2008907	4879096	80.54%	5.315%
98	24.992	3736	3741	3749	rVB	1109384	2448407	40.42%	2.667%
99	26.303	3958	3964	3965	rBV	1081595	1540772	25.43%	1.678%
100	26.451	3987	3989	4003	rVB	1209247	2987653	49.32%	3.254%

Sum of corrected areas: 91804394

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
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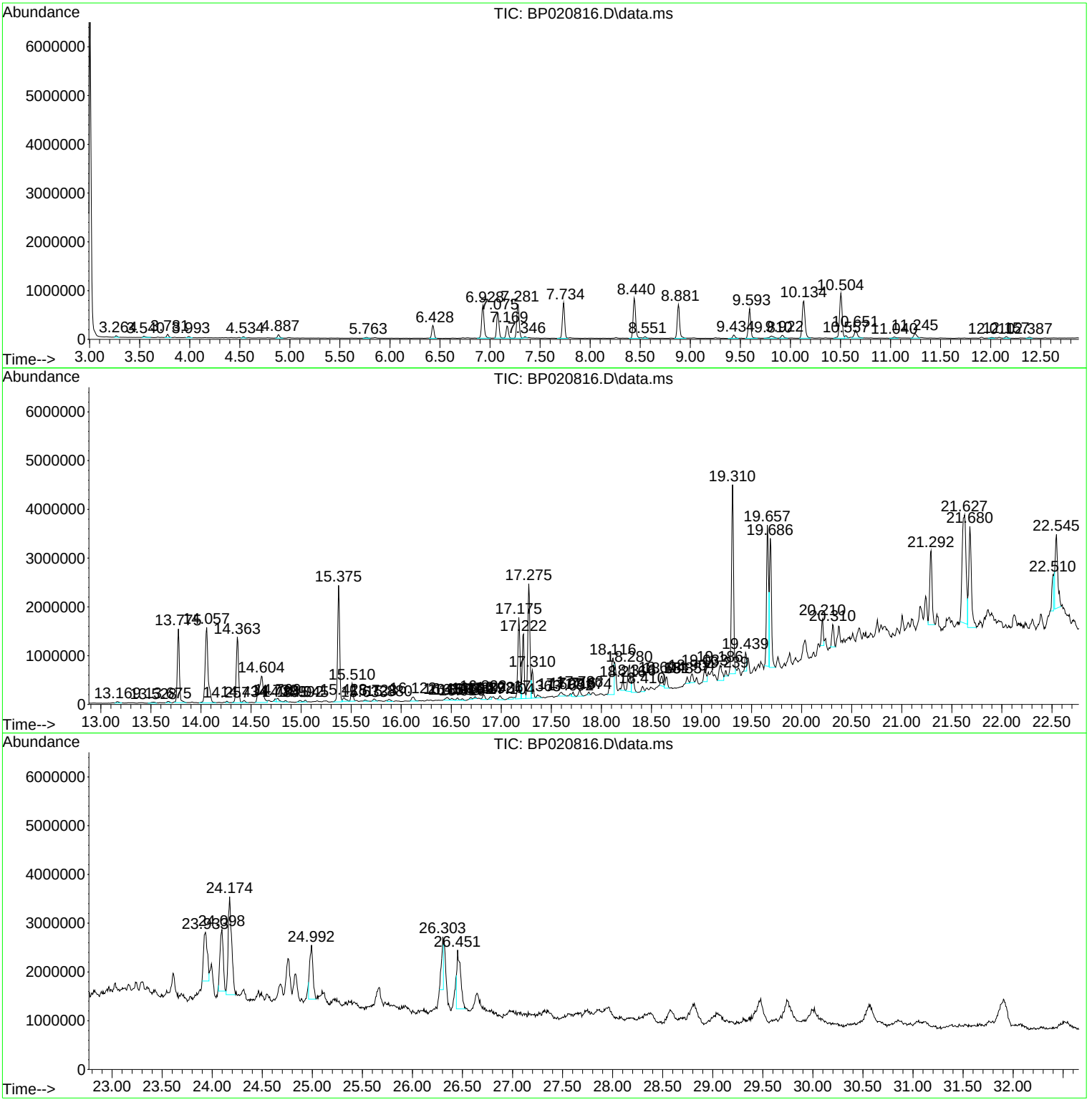
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

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\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

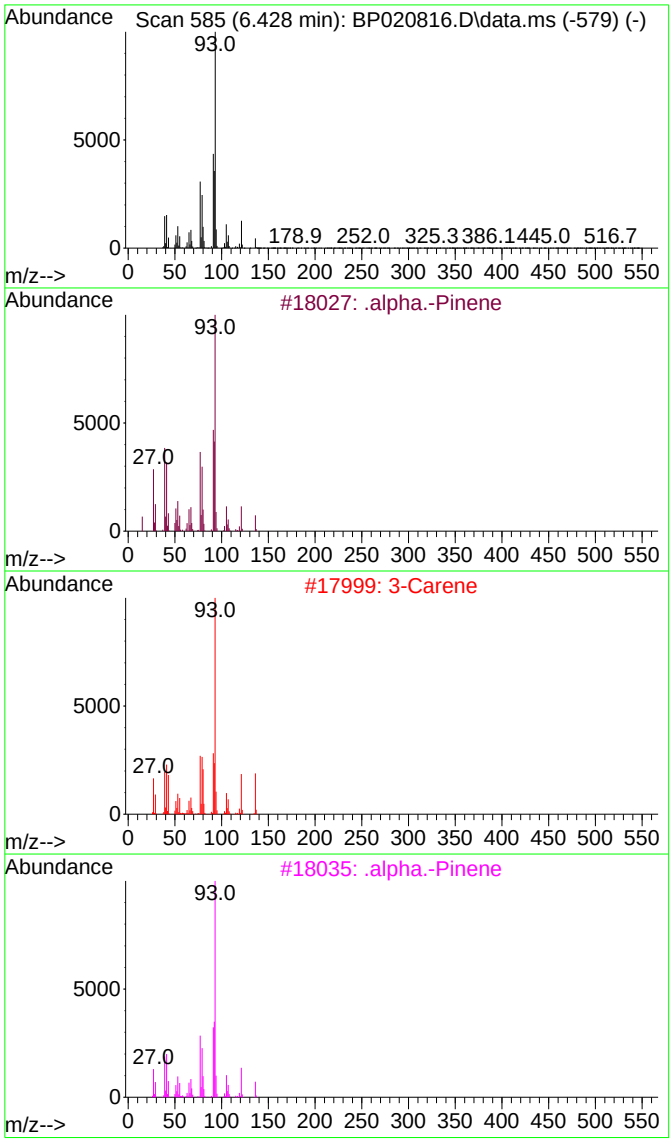
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

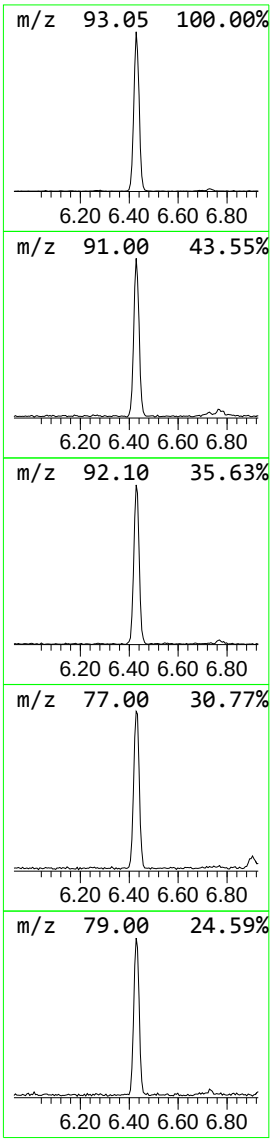
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 .alpha.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	7.23 ng/ul	410199	1,4-Dichlorobenzene-d4	7.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	3-Carene	136	C10H16	013466-78-9	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

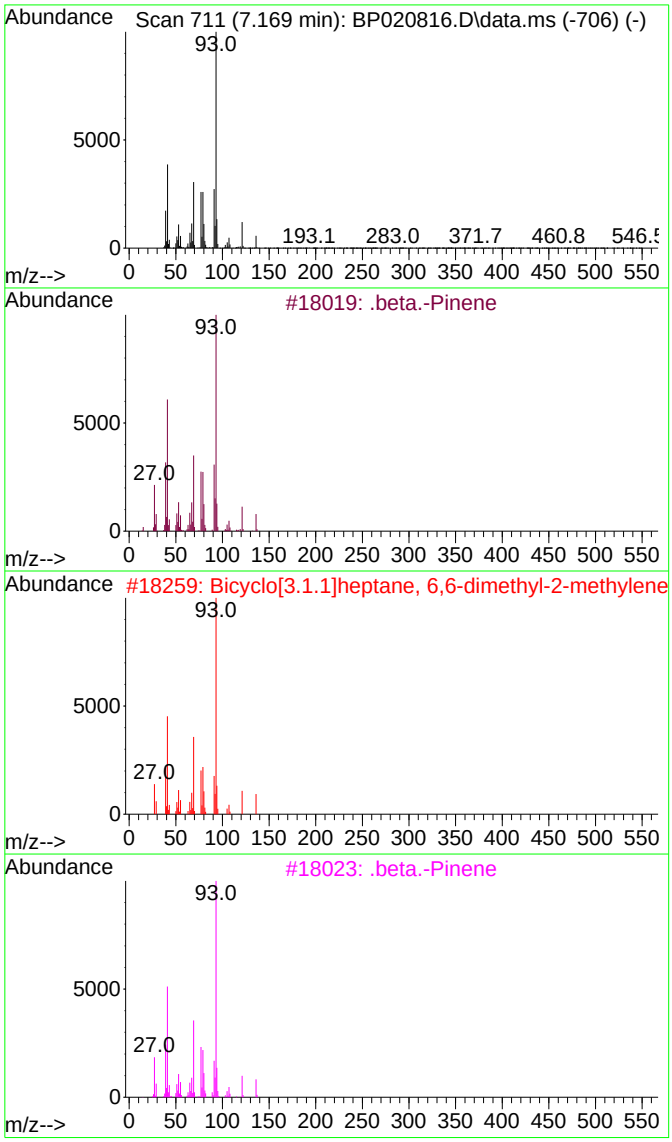
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

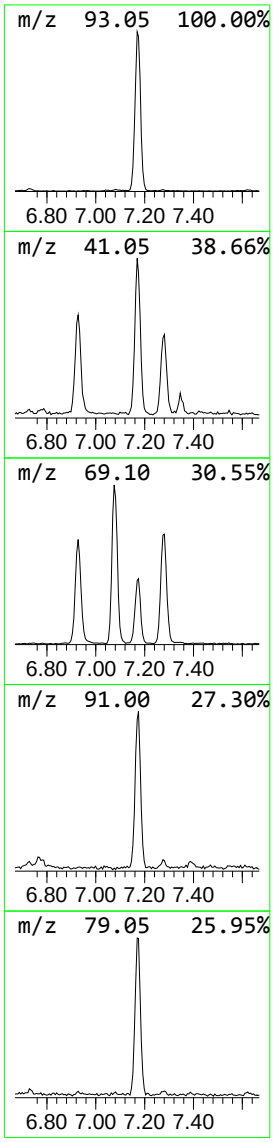
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 .beta.-Pinene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.169	7.09 ng/ul	402508	1,4-Dichlorobenzene-d4	7.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91





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Data File : BP020816.D
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Sample : P3010-01
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ALS Vial : 36 Sample Multiplier: 1

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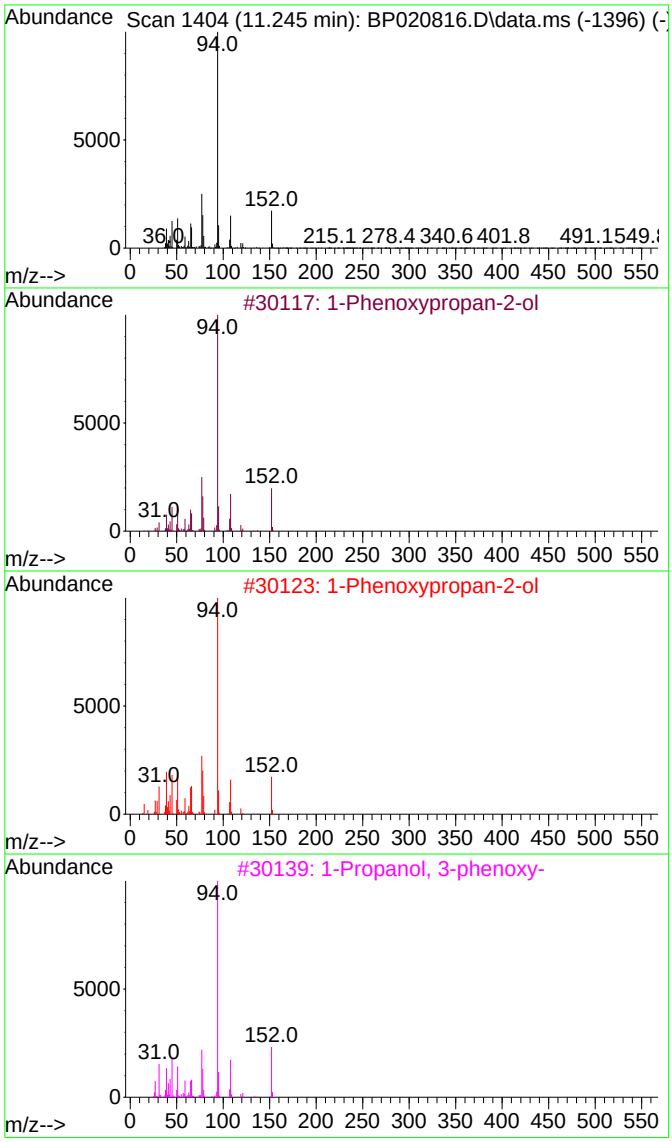
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

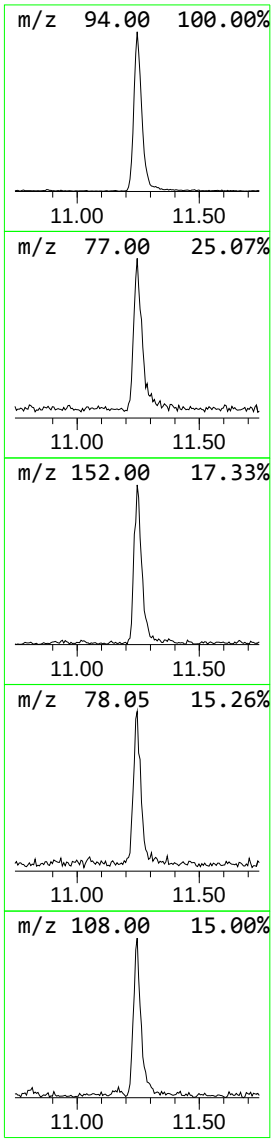
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	2.62 ng/ul	215632	Naphthalene-d8	10.504

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	96
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	93
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87





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Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

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

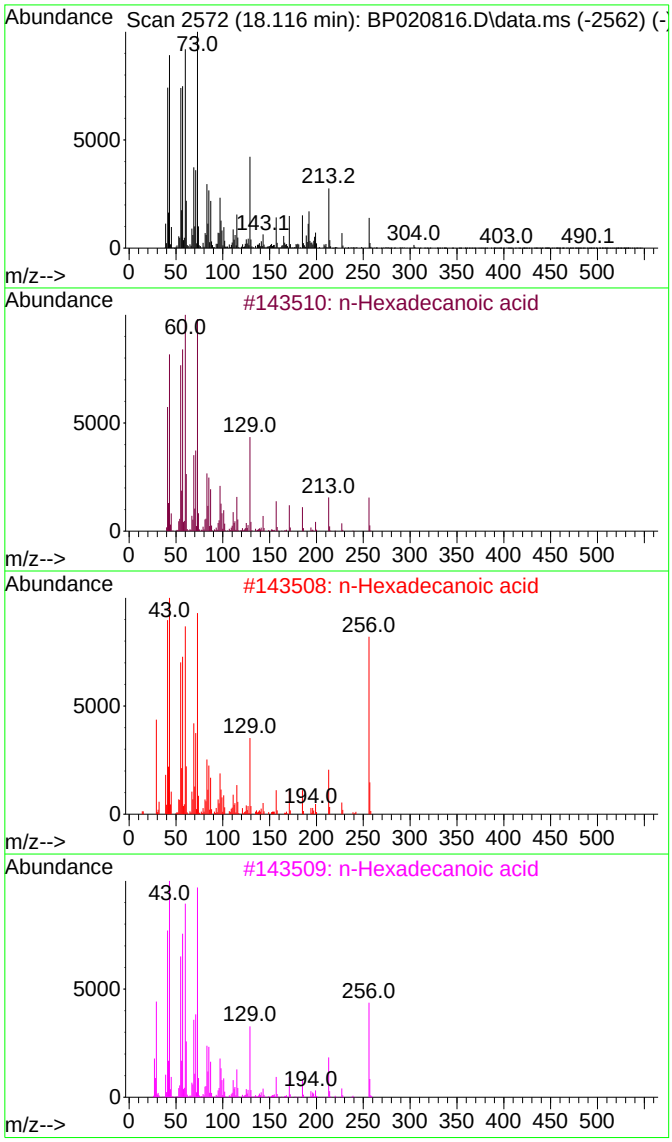
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

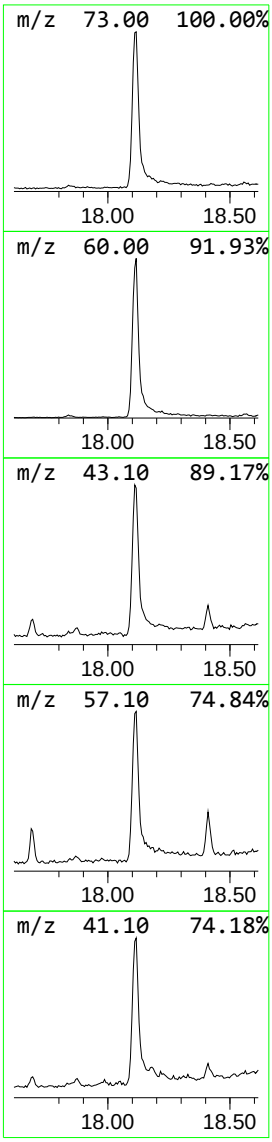
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	14.03 ng/ul	1808660	Phenanthrene-d10	17.174

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

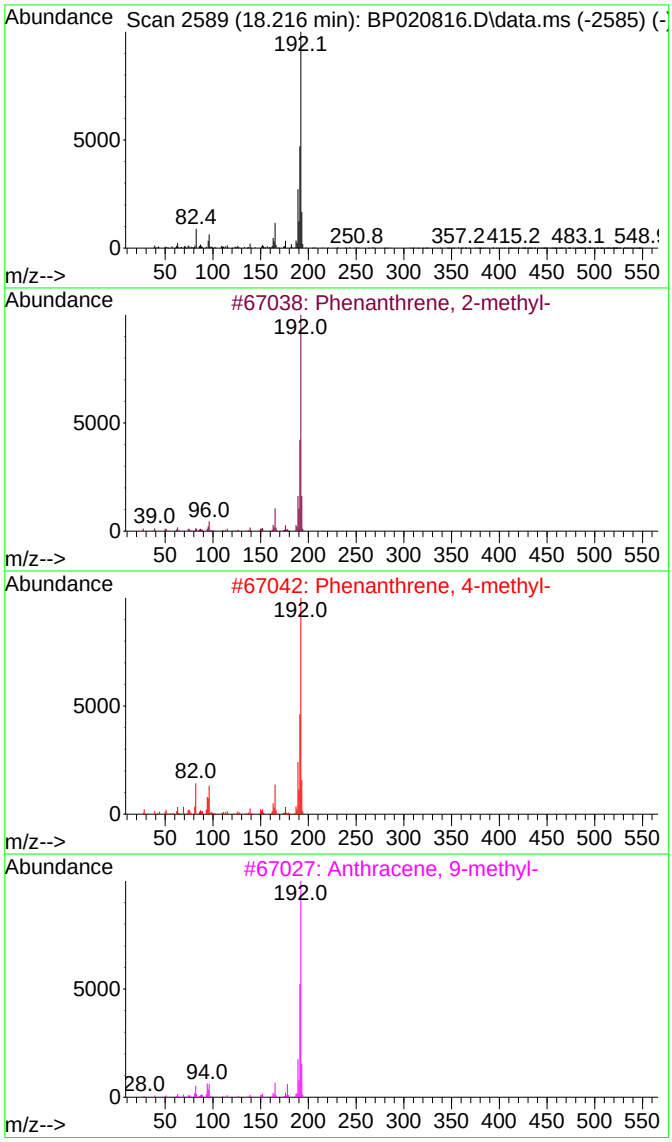
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

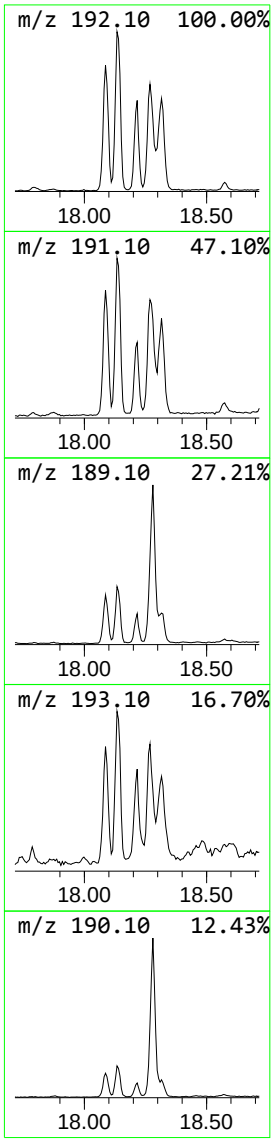
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.00 ng/ul	258111	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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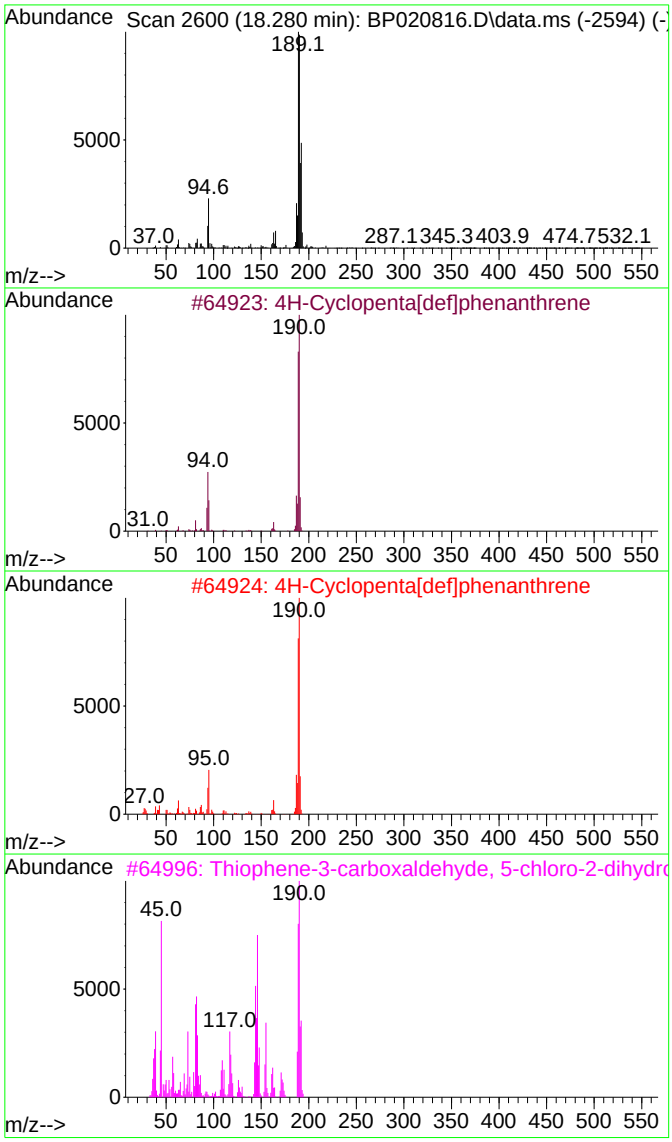
Quant Title : SVOA CALIBRATION

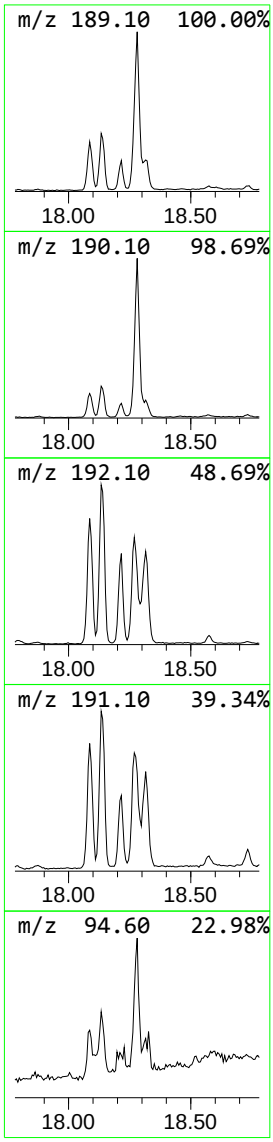
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	7.39 ng/ul	952158	Phenanthrene-d10	17.174

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	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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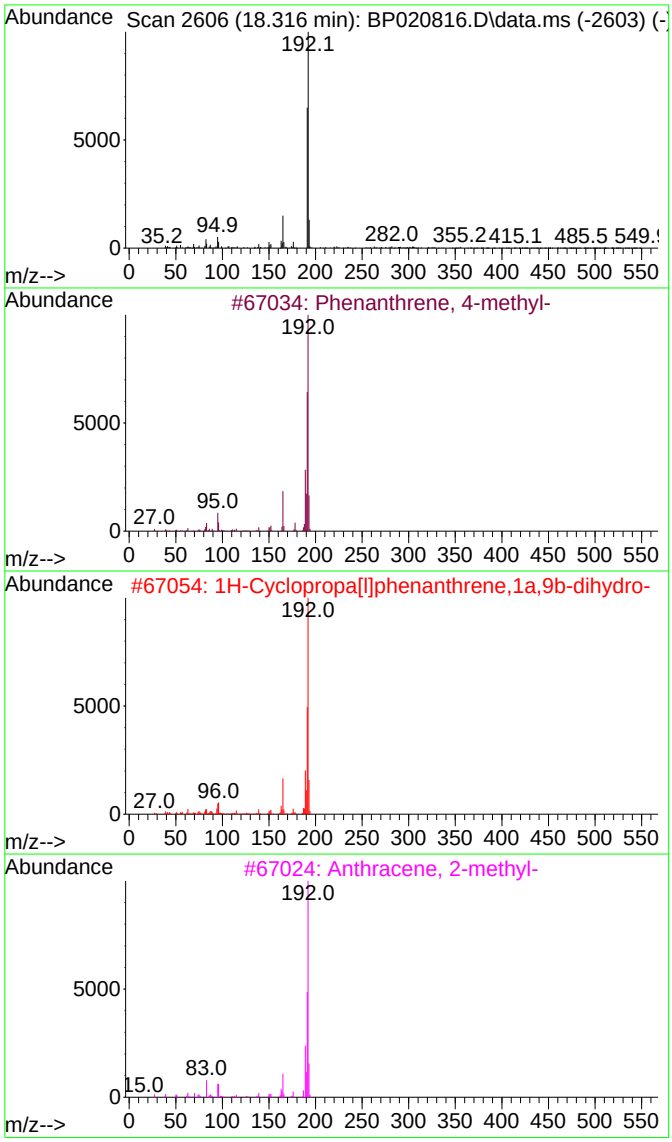
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

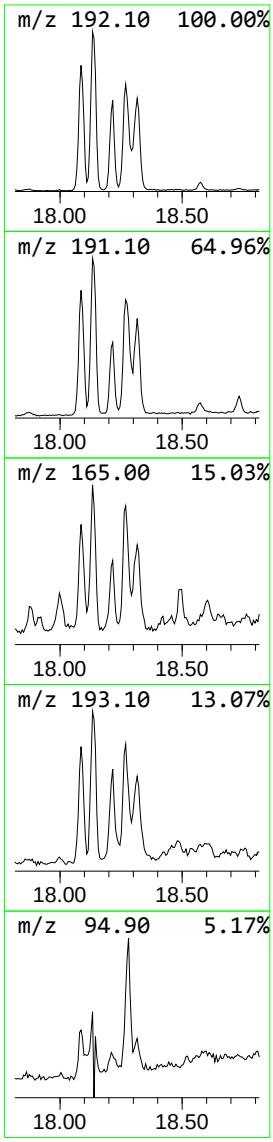
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.316	3.48 ng/ul	448602	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Sample : P3010-01
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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId :
A4CG2

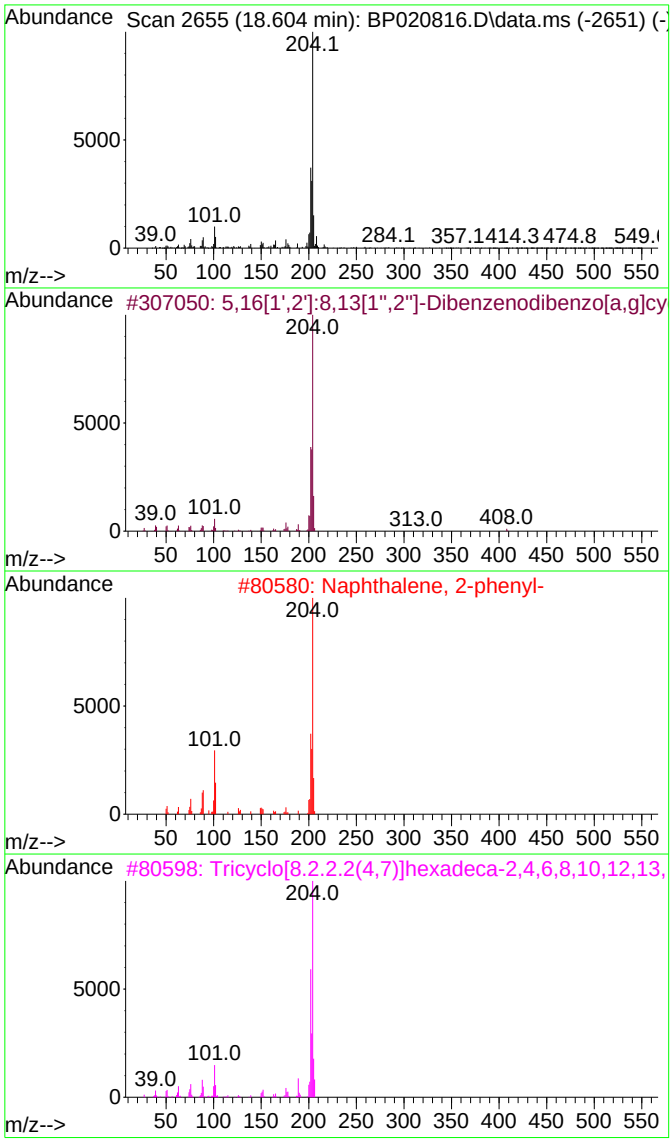
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

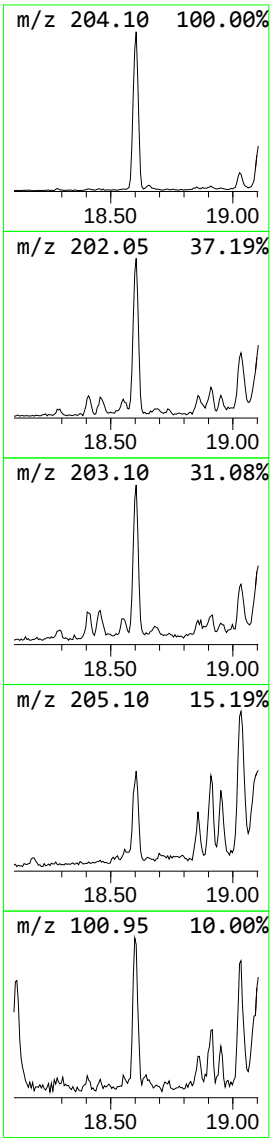
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	2.42 ng/ul	311961	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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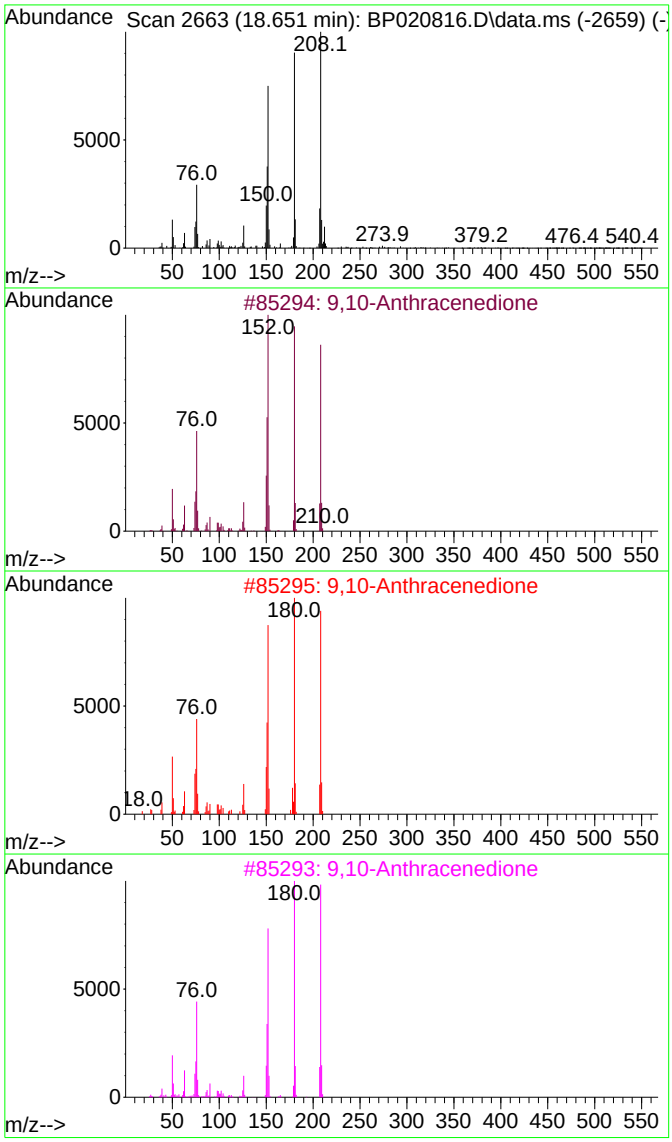
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

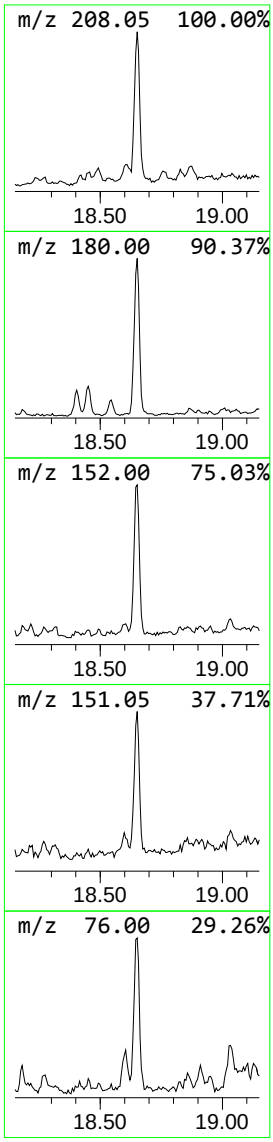
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	2.71 ng/ul	349740	Phenanthrene-d10	17.174

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Sample : P3010-01
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ClientSampleId :
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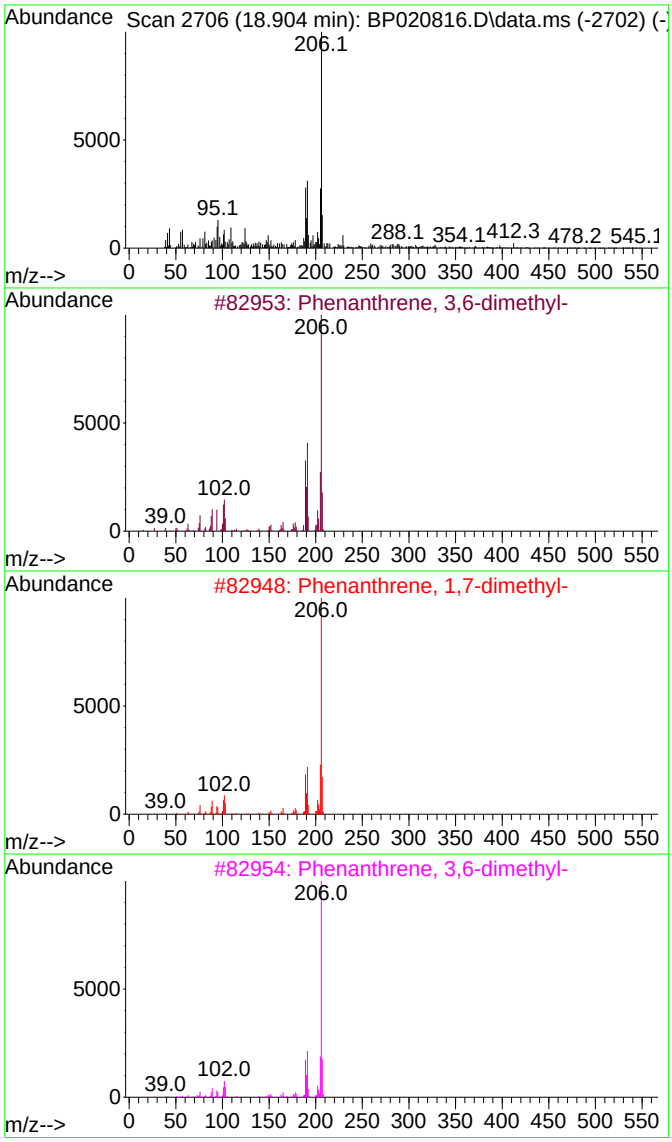
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

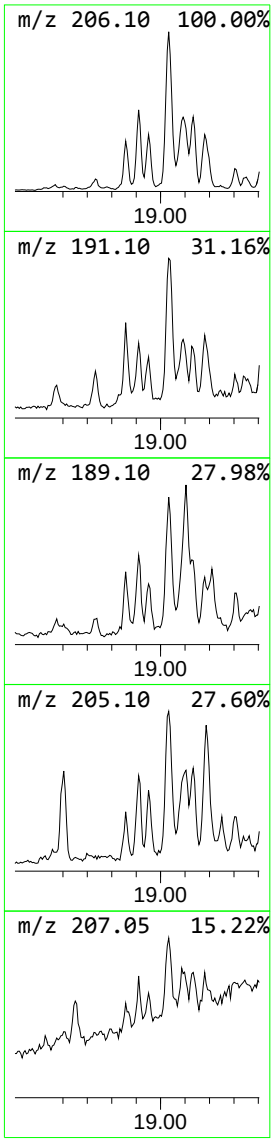
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	2.30 ng/ul	296636	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





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Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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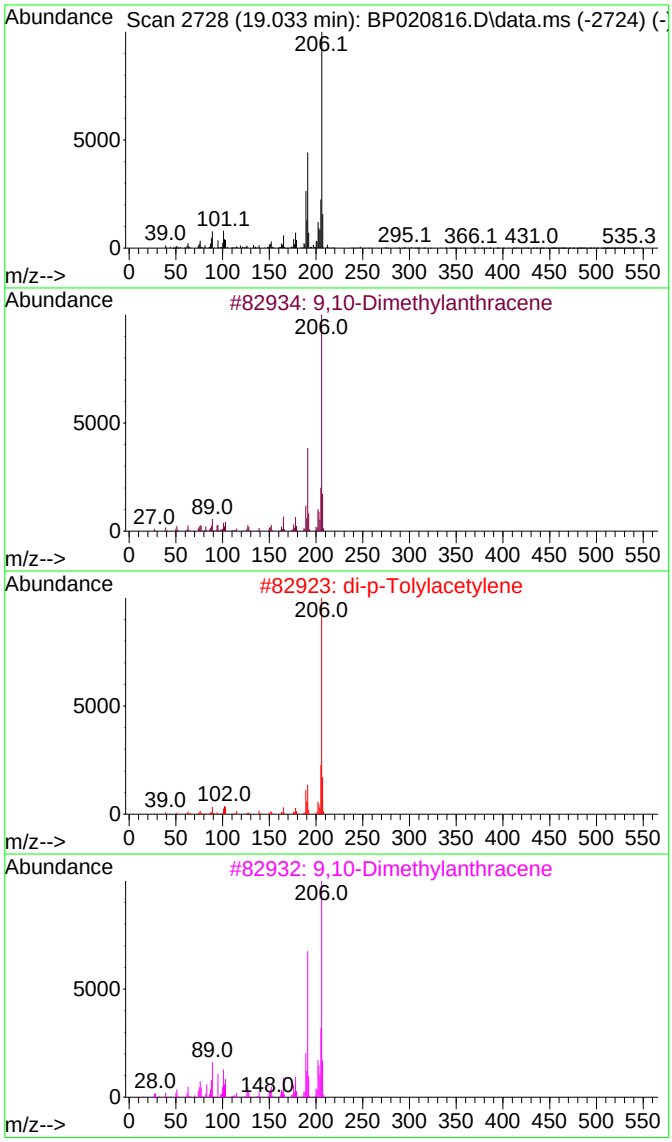
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

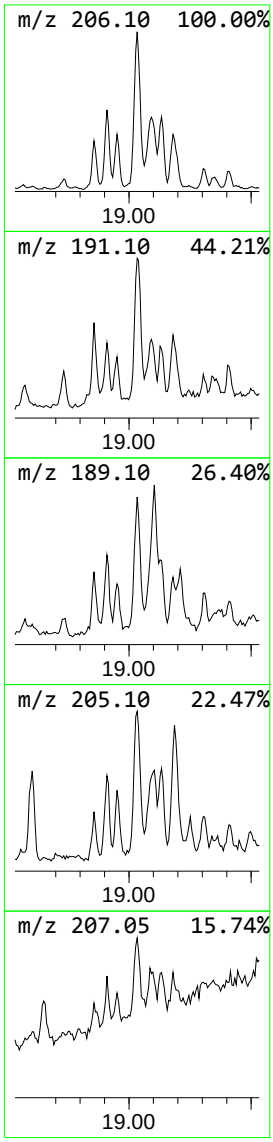
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	3.51 ng/ul	452780	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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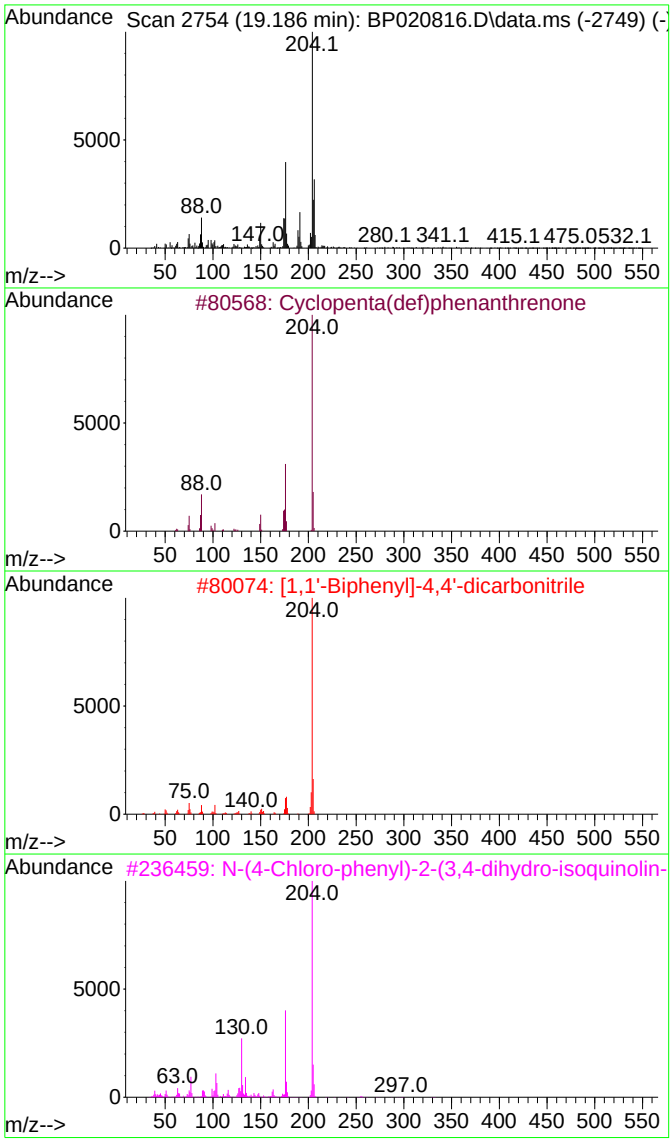
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

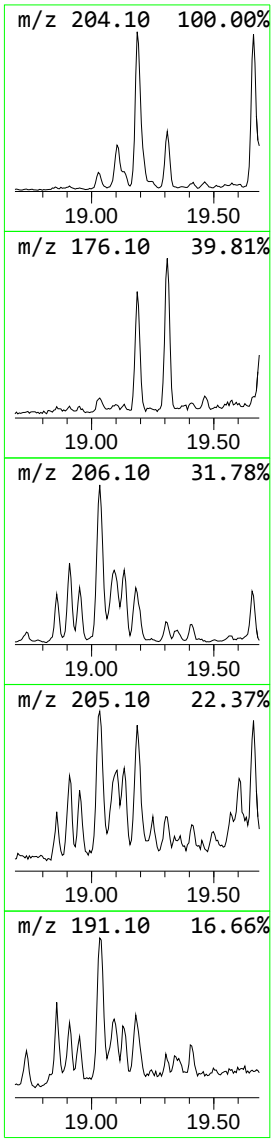
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	5.26 ng/ul	678321	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47





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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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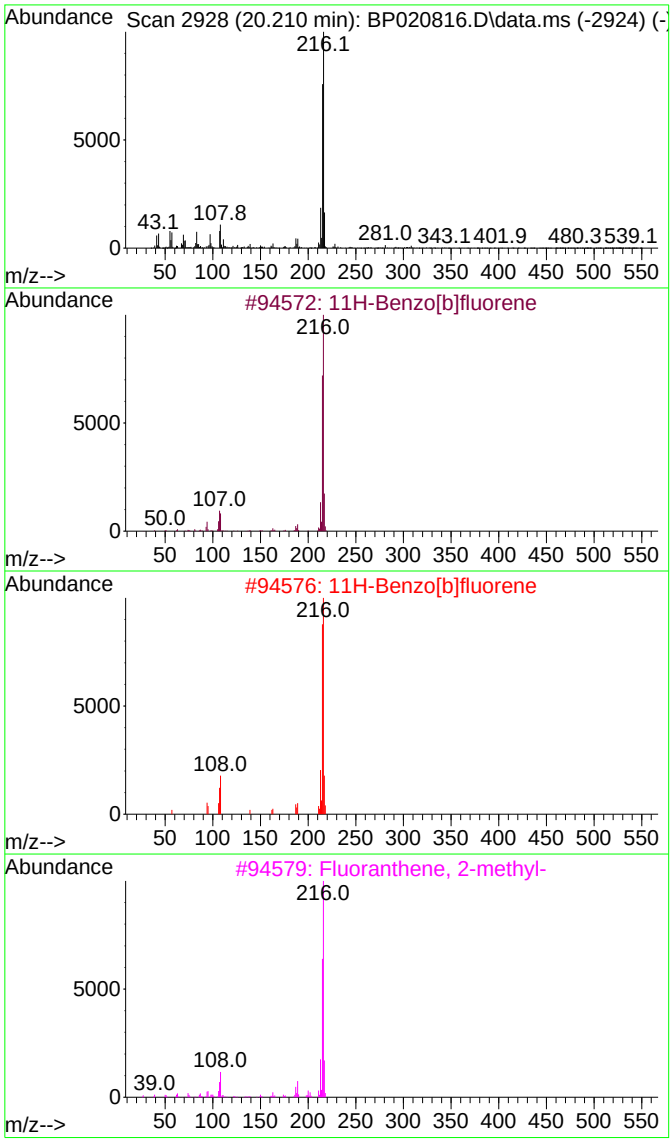
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

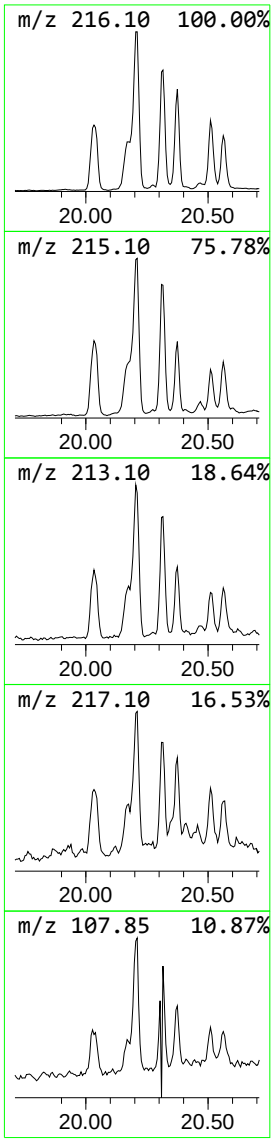
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	2.20 ng/ul	665428	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

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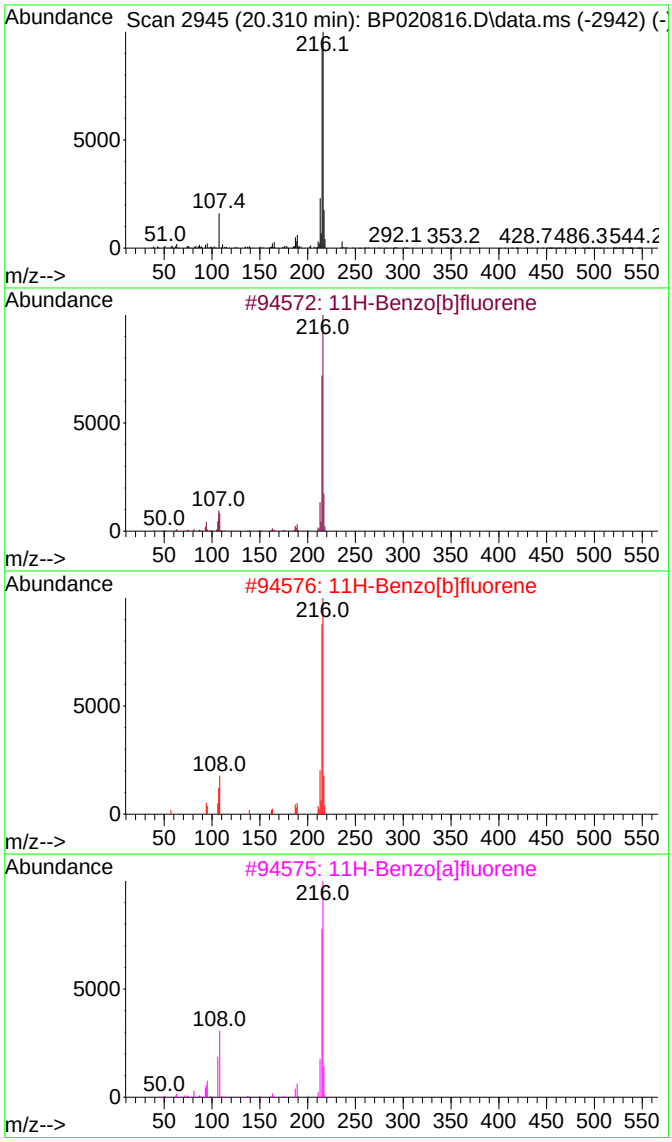
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

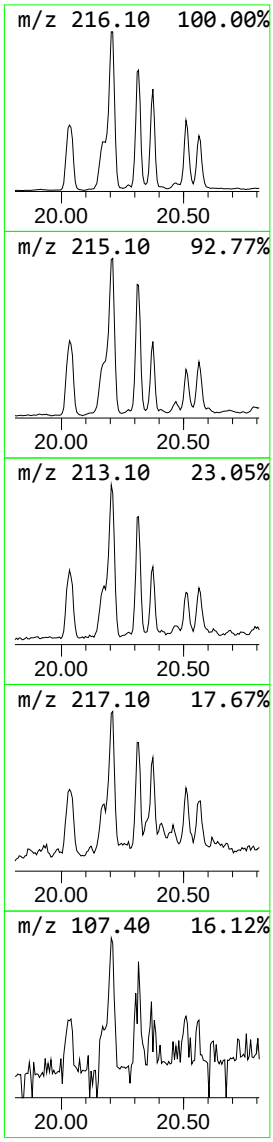
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	2.03 ng/ul	613642	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CG2

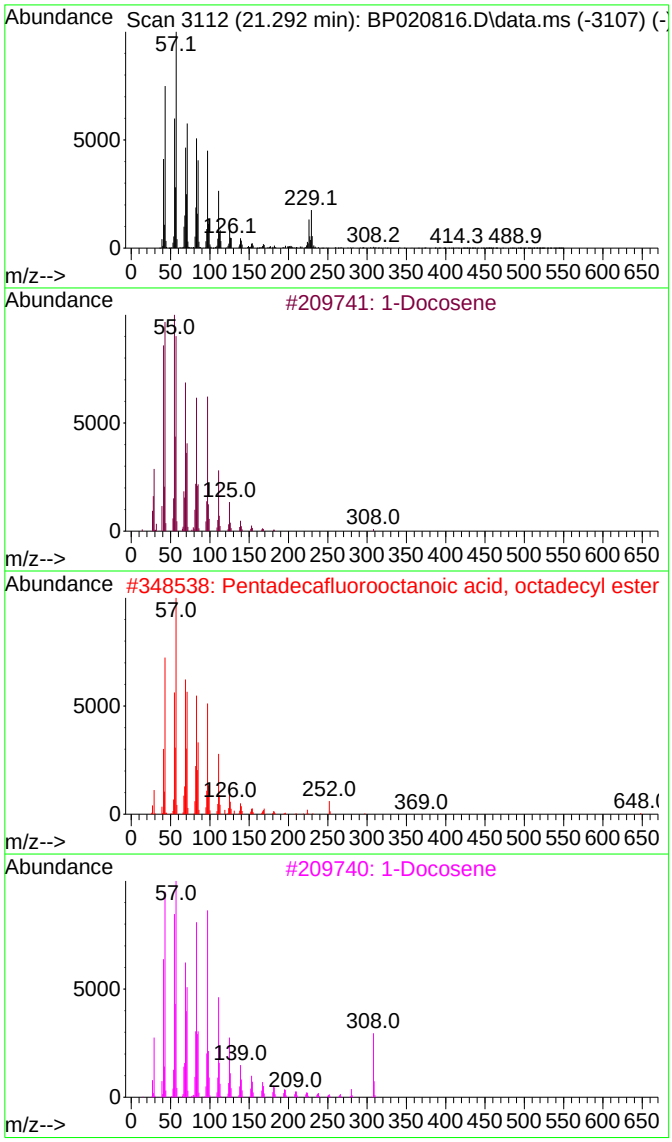
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

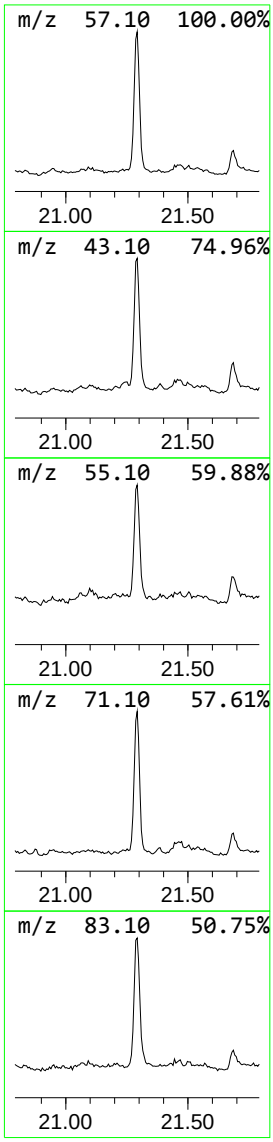
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	8.32 ng/ul	2520430	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	1-Docosene	308	C22H44	001599-67-3	92
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	86





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Sample : P3010-01
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CG2

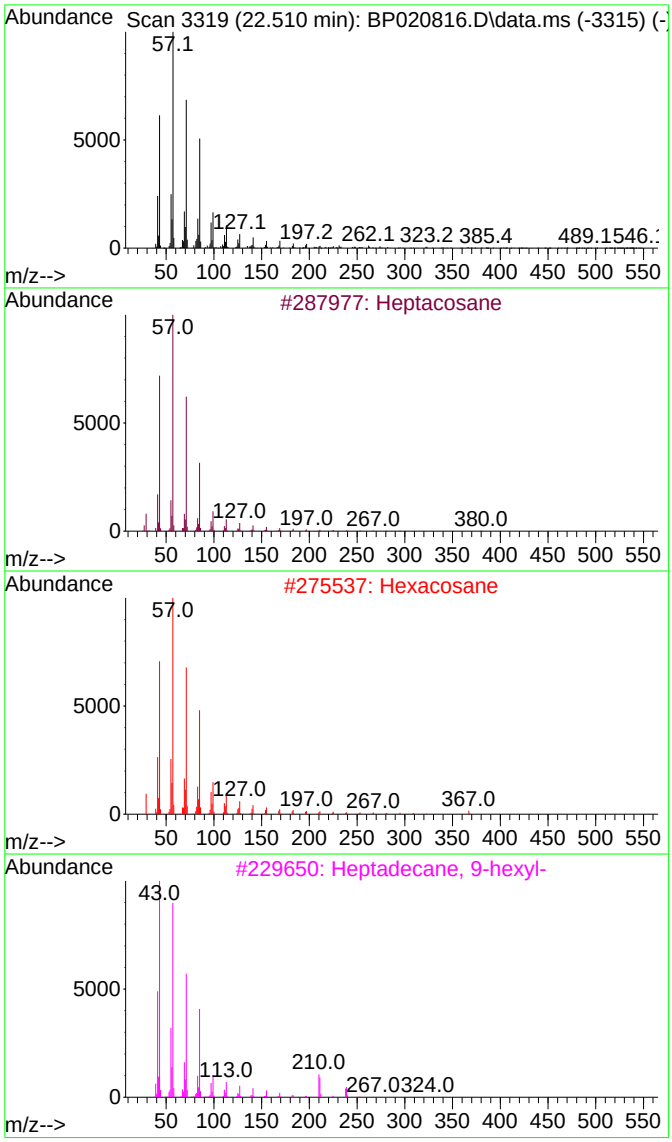
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

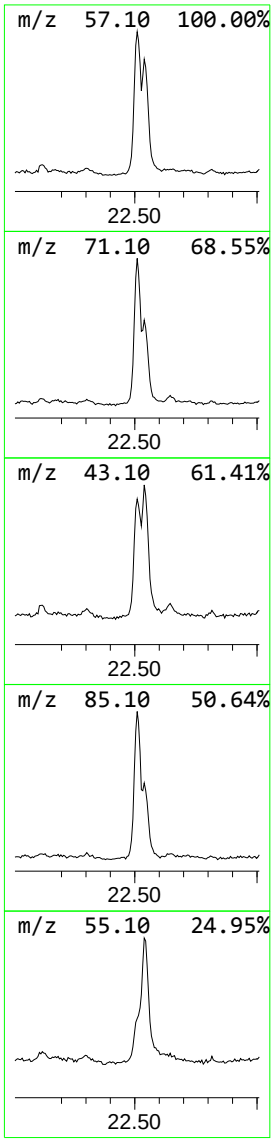
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.509	3.01 ng/ul	911755	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : P3010-01
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ClientSampleId :
A4CG2

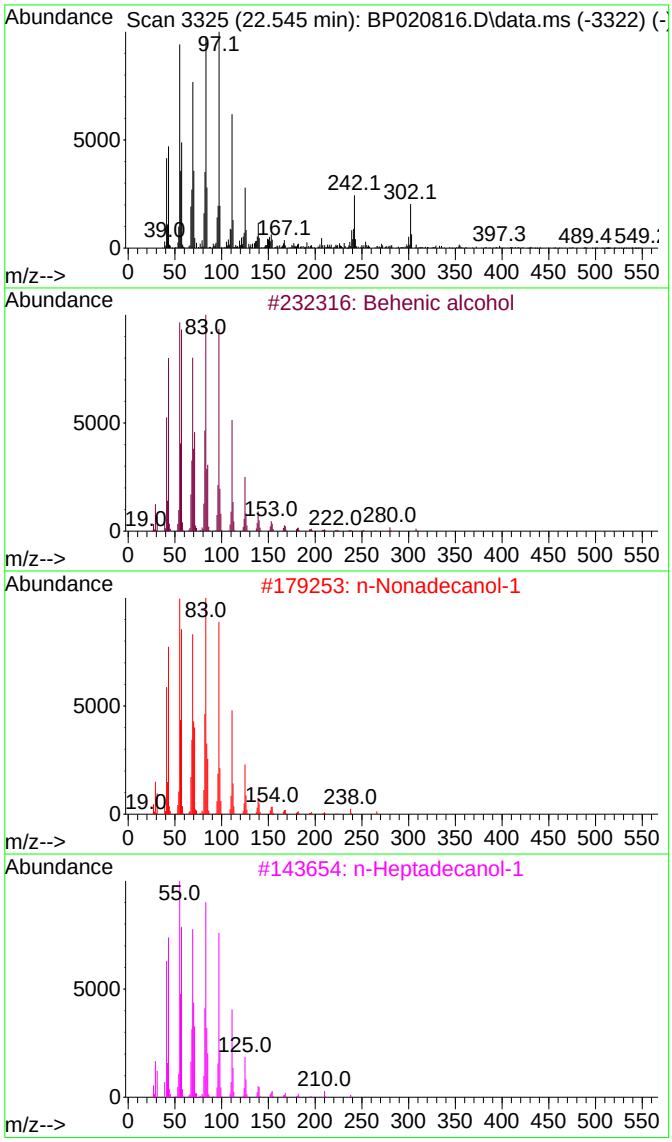
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

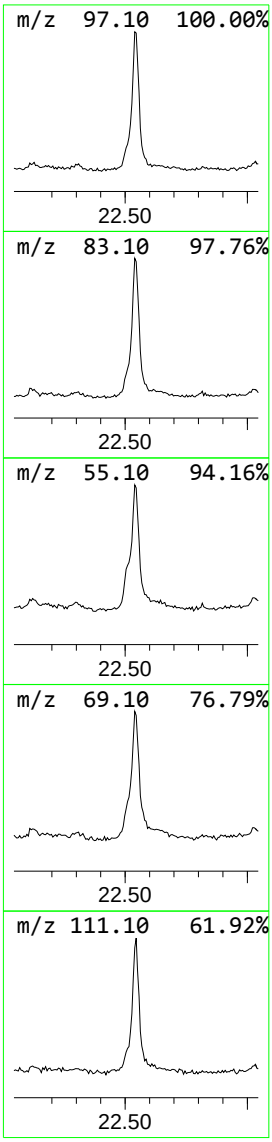
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.545	8.47 ng/ul	2565640	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	62
4	1-Docosene	308	C22H44	001599-67-3	62
5	1-Heneicosanol	312	C21H44O	015594-90-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

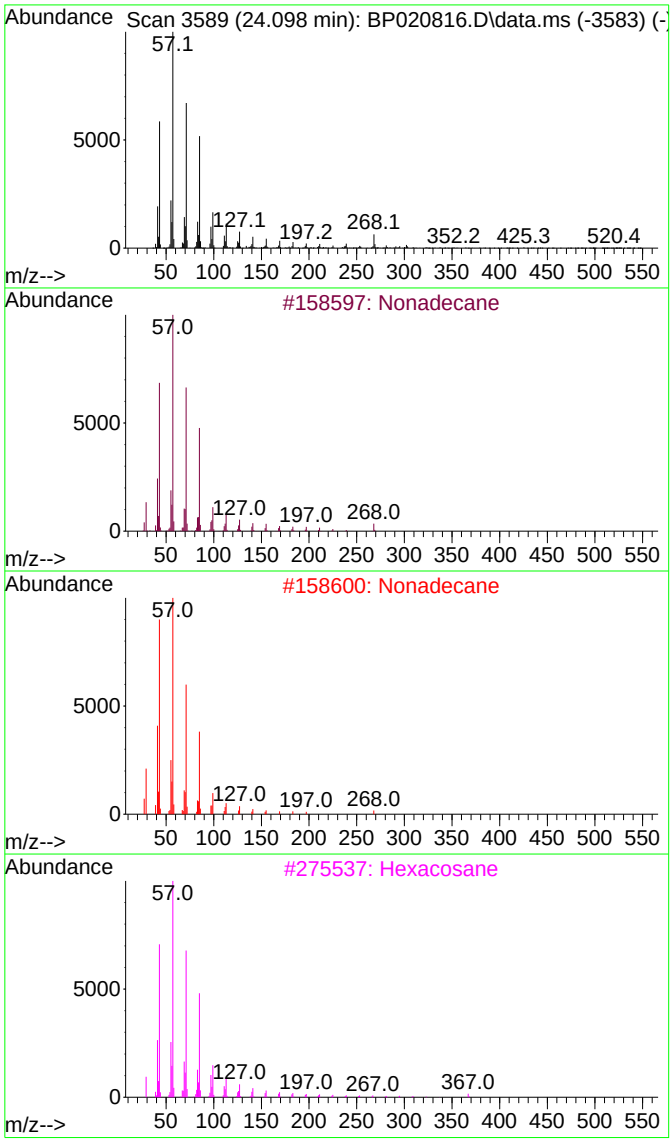
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

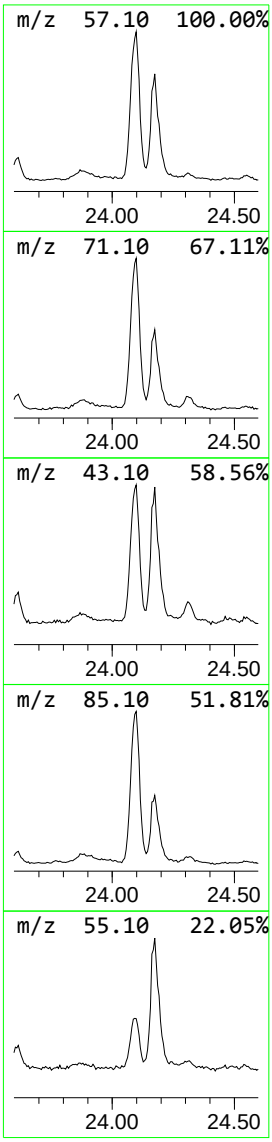
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.098	23.14 ng/ul	2832310	Perylene-d12	24.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Hexacosane	366	C26H54	000630-01-3	93
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

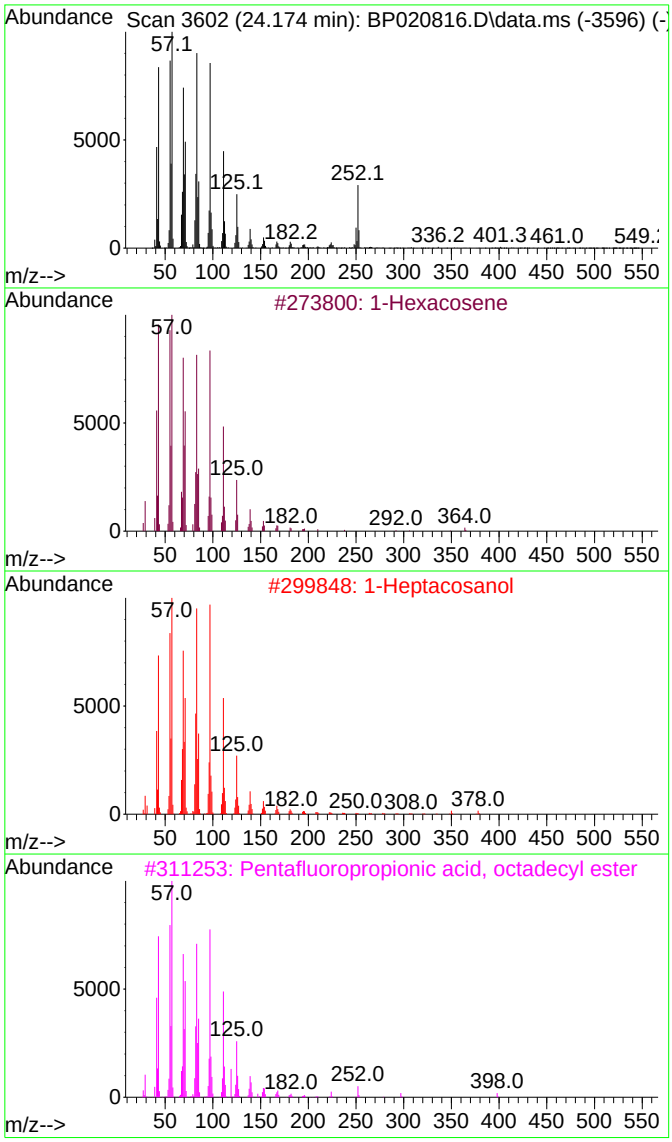
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

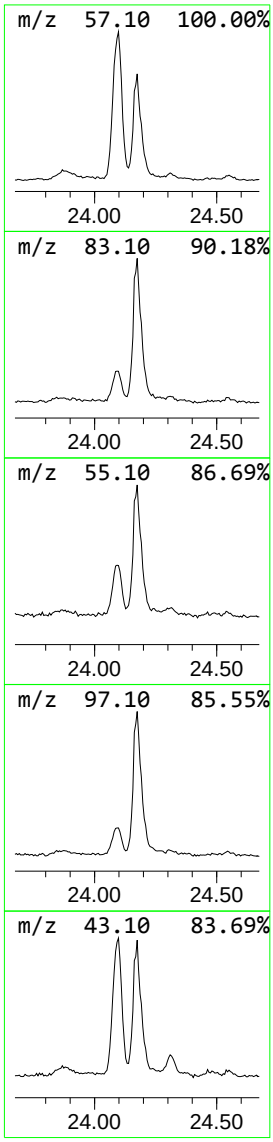
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.174	39.86 ng/ul	4879100	Perylene-d12	24.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Heptacos-1-ene	378	C27H54	015306-27-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

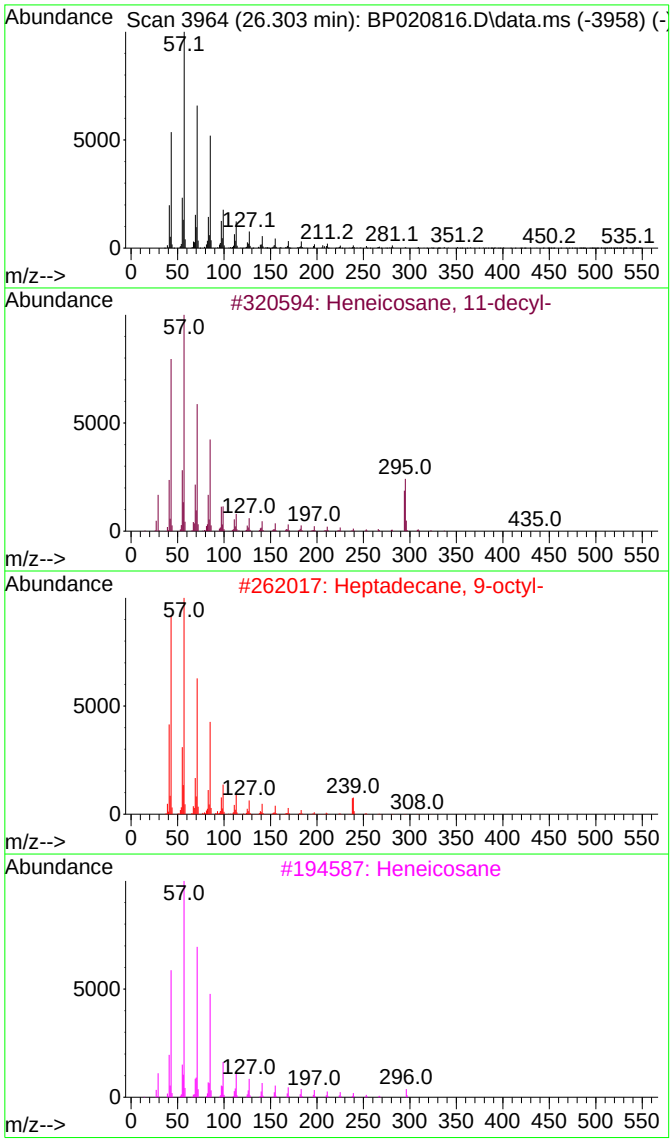
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

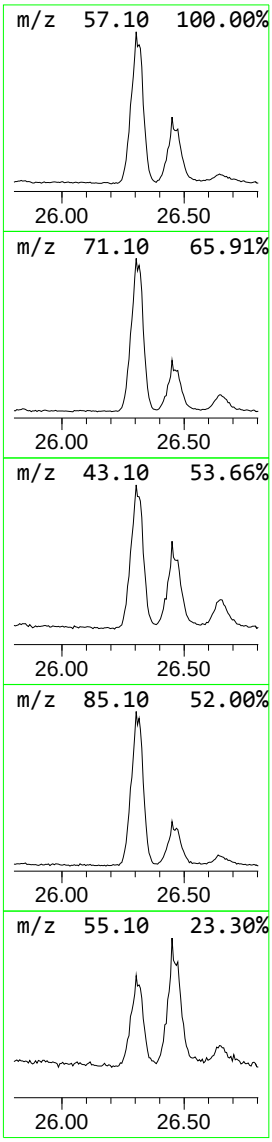
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.304	12.59 ng/ul	1540770	Perylene-d12	24.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heneicosane	296	C21H44	000629-94-7	95
4	Hexacosane	366	C26H54	000630-01-3	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

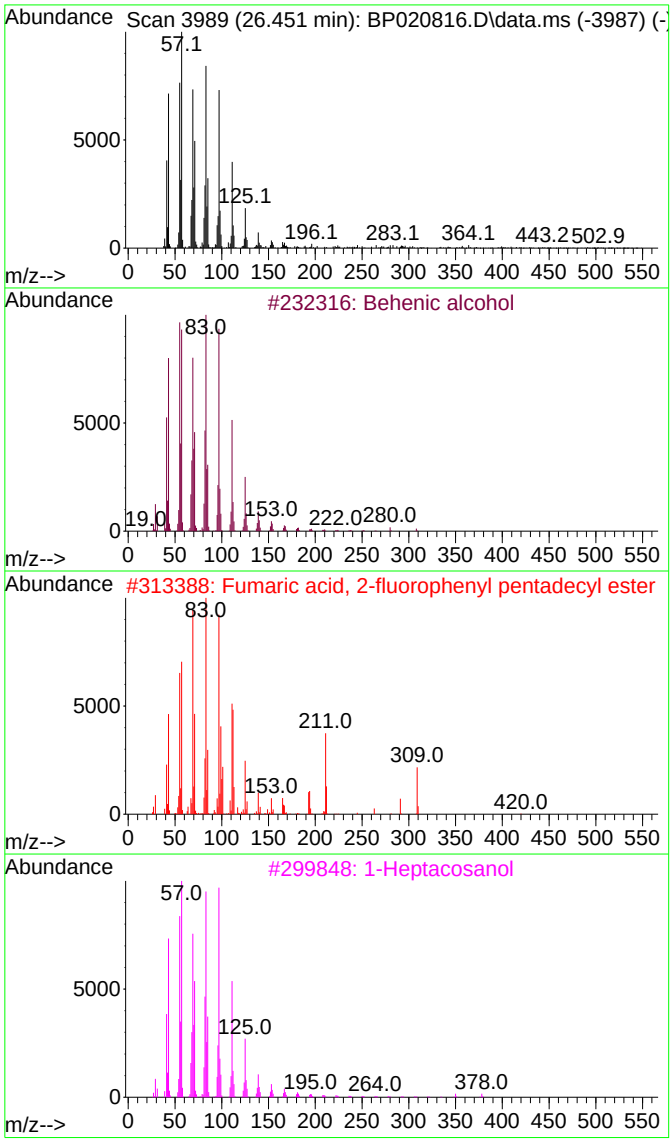
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

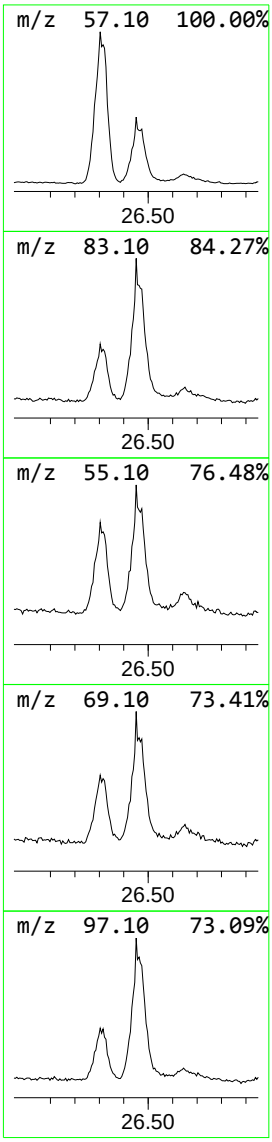
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Fumaric acid, 2-fluoropheny... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.451	24.40 ng/ul	2987650	Perylene-d12	24.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	93
2	Fumaric acid, 2-fluorophenyl pen...	420	C25H37FO4	1000345-22-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	1-Hexacosene	364	C26H52	018835-33-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020816.D
Acq On : 06 Jul 2024 11:55
Operator : MA/JU
Sample : P3010-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CG2

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
.alpha.-Pinene	6.428	7.2	ng/ul	410199	1	7.734	1135460	20.0
.beta.-Pinene	7.169	7.1	ng/ul	402508	1	7.734	1135460	20.0
1-Phenoxypropan...	11.245	2.6	ng/ul	215632	2	10.504	1644430	20.0
n-Hexadecanoic ...	18.116	14.0	ng/ul	1808660	4	17.174	2577440	20.0
Phenanthrene, 2...	18.216	2.0	ng/ul	258111	4	17.174	2577440	20.0
4H-Cyclopenta[d...	18.280	7.4	ng/ul	952158	4	17.174	2577440	20.0
Phenanthrene, 4...	18.316	3.5	ng/ul	448602	4	17.174	2577440	20.0
5,16[1',2']:8,1...	18.604	2.4	ng/ul	311961	4	17.174	2577440	20.0
9,10-Anthracene...	18.651	2.7	ng/ul	349740	4	17.174	2577440	20.0
Phenanthrene, 3...	18.904	2.3	ng/ul	296636	4	17.174	2577440	20.0
9,10-Dimethylan...	19.033	3.5	ng/ul	452780	4	17.174	2577440	20.0
Cyclopenta(def)...	19.186	5.3	ng/ul	678321	4	17.174	2577440	20.0
11H-Benzo[b]flu...	20.210	2.2	ng/ul	665428	5	21.633	6058000	20.0
11H-Benzo[a]flu...	20.310	2.0	ng/ul	613642	5	21.633	6058000	20.0
(DEL) Alkane: S...	21.292	8.3	ng/ul	2520430	5	21.633	6058000	20.0
(DEL) Alkane: S...	22.509	3.0	ng/ul	911755	5	21.633	6058000	20.0
Behenic alcohol	22.545	8.5	ng/ul	2565640	5	21.633	6058000	20.0
(DEL) Alkane: S...	24.098	23.1	ng/ul	2832310	6	24.992	2448410	20.0
(DEL) Alkane: S...	24.174	39.9	ng/ul	4879100	6	24.992	2448410	20.0
(DEL) Alkane: S...	26.304	12.6	ng/ul	1540770	6	24.992	2448410	20.0
Fumaric acid, 2...	26.451	24.4	ng/ul	2987650	6	24.992	2448410	20.0