LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

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-BP101823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.811	120	123	130	rVB	19338	31365	1.35%	0.101%
2	3.887	130	136	142	rVB3	18167	35103	1.51%	0.113%
3	4.381	218	220	227	rVB8	4642	6225	0.27%	0.020%
4	4.928	308	313	317	rBV	18023	32142	1.39%	0.104%
5	5.834	465	467	473	rVB7	6065	9707	0.42%	0.031%
6	7.046	666	673	689	rBV2	182337	396915	17.12%	1.282%
7	7.228	696	704	712	rVV	142877	244401	10.54%	0.789%
8	7.399	727	733	746	rBV	204466	351058	15.14%	1.133%
9	7.875	804	814	822	rBV	590667	960054	41.40%	3.100%
10	7.969	825	830	834	rVB8	3664	8074	0.35%	0.026%
11	8.410	900	905	911	rVB2	16157	30201	1.30%	0.098%
12	8.604	932	938	945	rBV	170792	304453	13.13%	0.983%
13	8.657	945	947	953	rVB7	10544	18686	0.81%	0.060%
14	8.734	955	960	970	rVB	191448	324204	13.98%	1.047%
15	8.887	977	986	988	rBV9	7441	16522	0.71%	0.053%
16	9.087	1011	1020	1031	rBV	181963	326875	14.10%	1.055%
17	9.799	1133	1141	1155	rBV	159037	289313	12.48%	0.934%
18	9.969	1164	1170	1183	rBV2	34549	98080	4.23%	0.317%
19	10.169	1200	1204	1211	rBV2	21651	39110	1.69%	0.126%
20	10.287	1218	1224	1226	rBV7	3411	6362	0.27%	0.021%
21	10.334	1226	1232	1244	rVV	204144	388878	16.77%	1.256%
22	10.704	1288	1295	1302	rBV	739790	1228504	52.98%	3.966%
23	10.757	1302	1304	1313	rVB3	18002	31347	1.35%	0.101%
24	10.893	1320	1327	1342	rBV	81496	179612	7.75%	0.580%
25	11.287	1384	1394	1398	rBV	10222	27377	1.18%	0.088%
26	11.493	1425	1429	1433	rBV7	4691	7564	0.33%	0.024%
27	11.563	1433	1441	1444	rBV4	8182	17715	0.76%	0.057%
28	11.763	1471	1475	1482	rVB9	5249	9785	0.42%	0.032%
29	12.275	1557	1562	1564	rVV6	6788	12674	0.55%	0.041%
30	12.304	1566	1567	1572	rVB5	7032	6736	0.29%	0.022%
31	12.375	1576	1579	1585	rBV	12258	18338	0.79%	0.059%
32	12.598	1612	1617	1621	rVV8	8381	16186	0.70%	0.052%
33	13.304	1734	1737	1743	rVB7	4447	6812	0.29%	0.022%
34	13.410	1745	1755	1761	rBV	48117	85190	3.67%	0.275%
35	13.522	1770	1774	1778	rVV6	5739	12914	0.56%	0.042%
36	13.575	1780	1783	1794	rVB6	5826	14848	0.64%	0.048%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

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-BP101823.MA.M
Title : SVOA CALIBRATION

37	13.734	1808	1810	1815	rVV6	4096	7327	0.32%	0.024%
38	13.875	1831	1834	1841	rBV8	6497	13053	0.56%	0.042%
39	13.939	1841	1845	1847	rBV4	5199	7537	0.33%	0.024%
40	13.992	1848	1854	1859	rBV	393173	556209	23.99%	1.796%
41	14.116	1871	1875	1879	rBV7	6198	7265	0.31%	0.023%
42	14.269	1894	1901	1912	rBV2	451598	788047	33.99%	2.544%
43	14.345	1912	1914	1919	rVV5	13743	19086	0.82%	0.062%
44	14.404	1920	1924	1932	rVB9	13918	21356	0.92%	0.069%
45	14.575	1944	1953	1960	rVV	1008803	1480944	63.87%	4.781%
46	14.639	1960	1964	1971	rVV4	15015	29753	1.28%	0.096%
47	14.851	1994	2000	2009	rBV	52778	134809	5.81%	0.435%
48	14.975	2016	2021	2026	rBV3	20870	36245	1.56%	0.117%
49	15.363	2082	2087	2090	rBV7	8923	11925	0.51%	0.039%
50	15.457	2098	2103	2105	rBV6	4653	7147	0.31%	0.023%
51	15.581	2116	2124	2130	rBV	568669	811042	34.98%	2.619%
52	15.639	2130	2134	2141	rVB3	31280	57527	2.48%	0.186%
53	15.734	2146	2150	2157	rBV	62303	103390	4.46%	0.334%
54	15.922	2180	2182	2187	rVB6	7088	10156	0.44%	0.033%
55	16.069	2202	2207	2212	rBV10	8369	17142	0.74%	0.055%
56	16.245	2232	2237	2241	rBV2	26367	38831	1.67%	0.125%
57	16.351	2251	2255	2261	rVB2	23277	39180	1.69%	0.126%
58	16.622	2295	2301	2302	rBV6	8611	15831	0.68%	0.051%
59	16.716	2314	2317	2321	rBV5	14883	18100	0.78%	0.058%
60	16.933	2351	2354	2359	rVB	14827	20193	0.87%	0.065%
61	17.004	2362	2366	2368	rVV4	22086	33520	1.45%	0.108%
62	17.028	2368	2370	2375	rVV3	25444	41065	1.77%	0.133%
63	17.080	2375	2379	2385	rVB4	17399	28024	1.21%	0.090%
64	17.180	2393	2396	2400	rBV2	12083	16653	0.72%	0.054%
65	17.286	2410	2414	2417	rBV5	11216	16273	0.70%	0.053%
66	17.369	2422	2428	2432	rVV	1180176	1624889	70.08%	5.246%
67	17.410	2432	2435	2439	rVV	138511	185459	8.00%	0.599%
68	17.469	2439	2445	2448	rVV	591528	854467	36.85%	2.759%
69	17.504	2448	2451	2460	rVV	501284	701304	30.25%	2.264%
70	17.580	2460	2464	2470	rVB	27124	45550	1.96%	0.147%
71	17.798	2497	2501	2506	rVB2	47029	68047	2.93%	0.220%
72	18.098	2549	2552	2556	rBV5	21700	31659	1.37%	0.102%
73	18.163	2560	2563	2569	rBV	189932	251852	10.86%	0.813%
74	18.222	2569	2573	2580	rVV2	432395	579379	24.99%	1.871%
75	18.363	2593	2597	2603	rBV	64968	89876	3.88%	0.290%
76	18.433	2603	2609	2613	rBV	129489	218174	9.41%	0.704%

LSC Area Percent Report

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Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Title : SVOA CALIBRATION

77	18.769	2663	2666	2668	rBV4	51850	65756	2.84%	0.212%
78	18.927	2690	2693	2697	rVB	91919	103447	4.46%	0.334%
79	19.045	2710	2713	2717	rBV2	64929	90037	3.88%	0.291%
80	19.122	2723	2726	2732	rVB5	37052	66016	2.85%	0.213%
81	19.286	2751	2754	2763	rVB2	91380	147163	6.35%	0.475%
82	19.398	2768	2773	2781	rVB	1478082	1998235	86.18%	6.452%
83	19.469	2781	2785	2795	rBV4	119488	224989	9.70%	0.726%
84	19.604	2805	2808	2811	rBV2	60777	78168	3.37%	0.252%
85	19.727	2823	2829	2831	rBV2	922191	1292969	55.76%	4.175%
86	19.757	2831	2834	2841	rVB	1244803	1606352	69.28%	5.186%
87	19.933	2861	2864	2868	rVB	70271	84207	3.63%	0.272%
88	20.239	2914	2916	2920	rVB	189322	214908	9.27%	0.694%
89	20.339	2930	2933	2936	rBV2	156889	191566	8.26%	0.619%
90	20.533	2963	2966	2970	rBV	108834	142761	6.16%	0.461%
91	21.151	3068	3071	3074	rBV	150795	229340	9.89%	0.740%
92	21.516	3126	3133	3137	rBV2	1239709	2318722	100.00%	7.486%
93	21.551	3137	3139	3144	rVB	564019	667244	28.78%	2.154%
94	22.145	3236	3240	3250	rVB2	380465	790146	34.08%	2.551%
95	22.757	3340	3344	3352	rVB	252653	396969	17.12%	1.282%
96	23.280	3428	3433	3439	rBV	443295	1159029	49.99%	3.742%
97	23.839	3524	3528	3533	rBV	255126	469192	20.23%	1.515%
98	23.898	3534	3538	3543	rVB2	369694	694286	29.94%	2.242%
99	24.074	3562	3568	3574	rVB	656163	1277470	55.09%	4.125%
100	27.556	4152	4160	4170	rVB3	683232	2031855	87.63%	6.560%

Sum of corrected areas: 30972443

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
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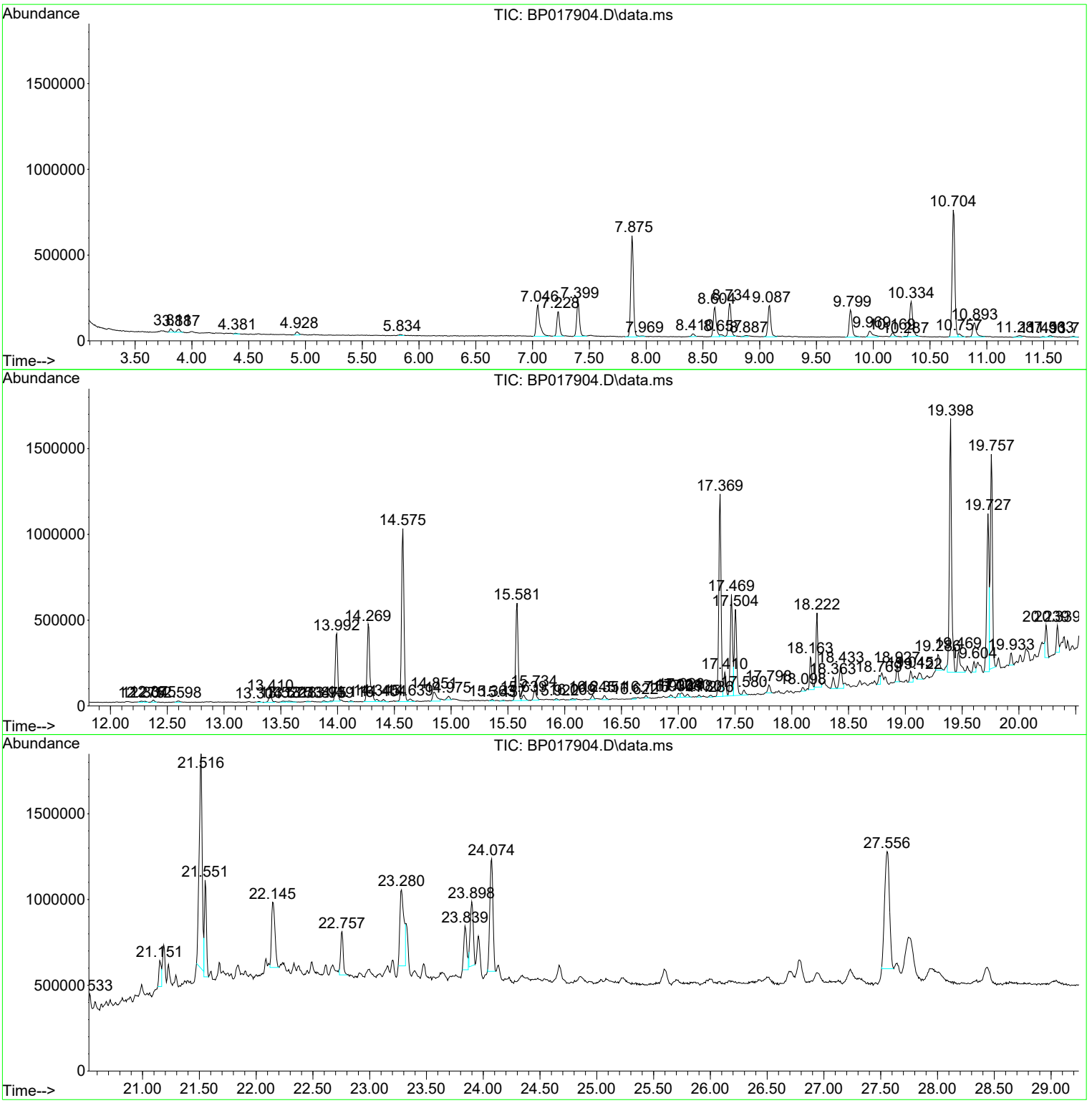
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
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ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

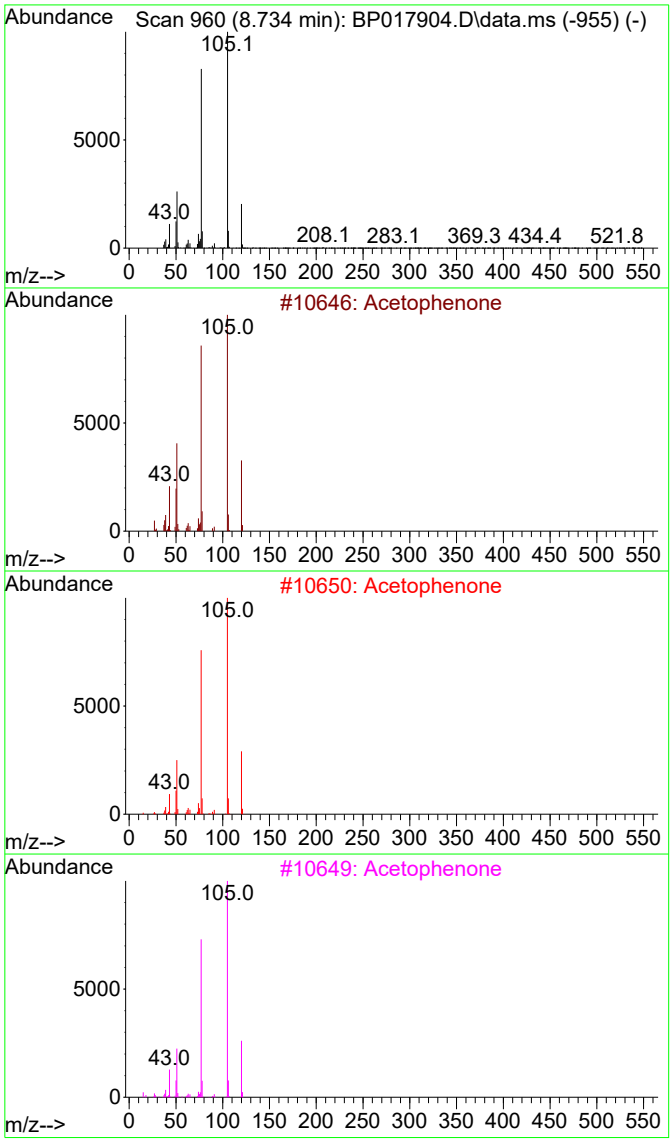
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

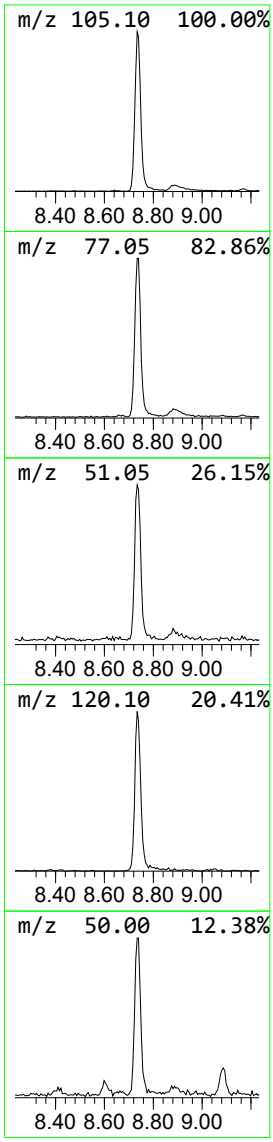
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Aceto phenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.734	6.75 ng/ul	324204	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	95
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	91
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

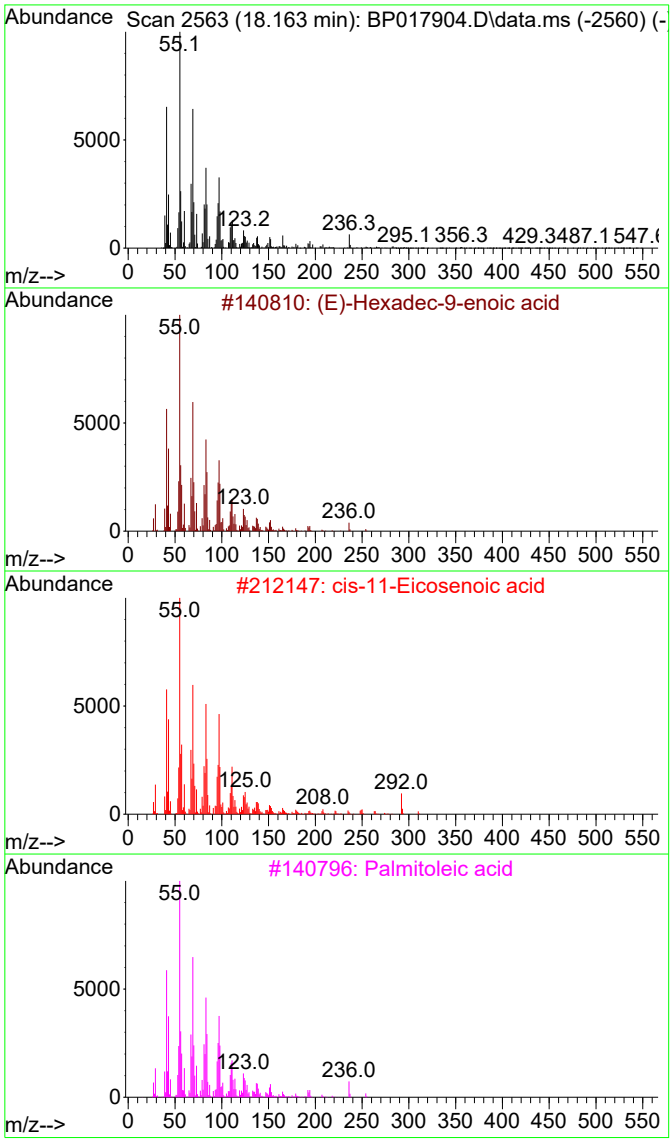
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

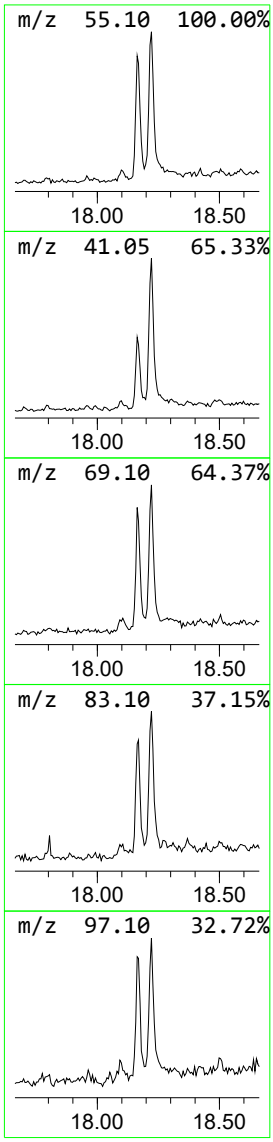
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (E)-Hexadec-9-enoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.10 ng/ul	251852	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	96
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	91
3	Palmitoleic acid	254	C16H30O2	000373-49-9	91
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	91
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

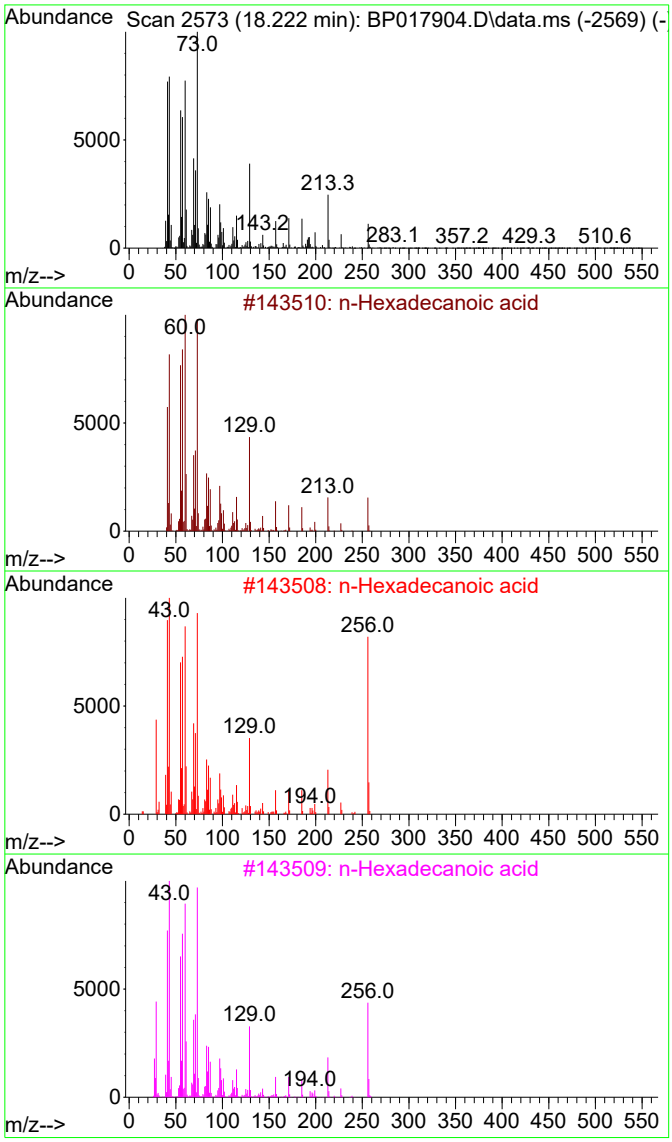
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

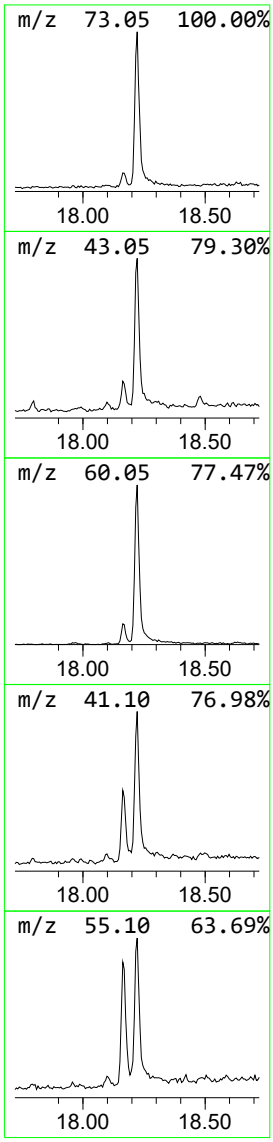
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	7.13 ng/ul	579379	Phenanthrene-d10	17.369

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	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Instrument :
BNA_P
ClientSampleId :
DCKH0

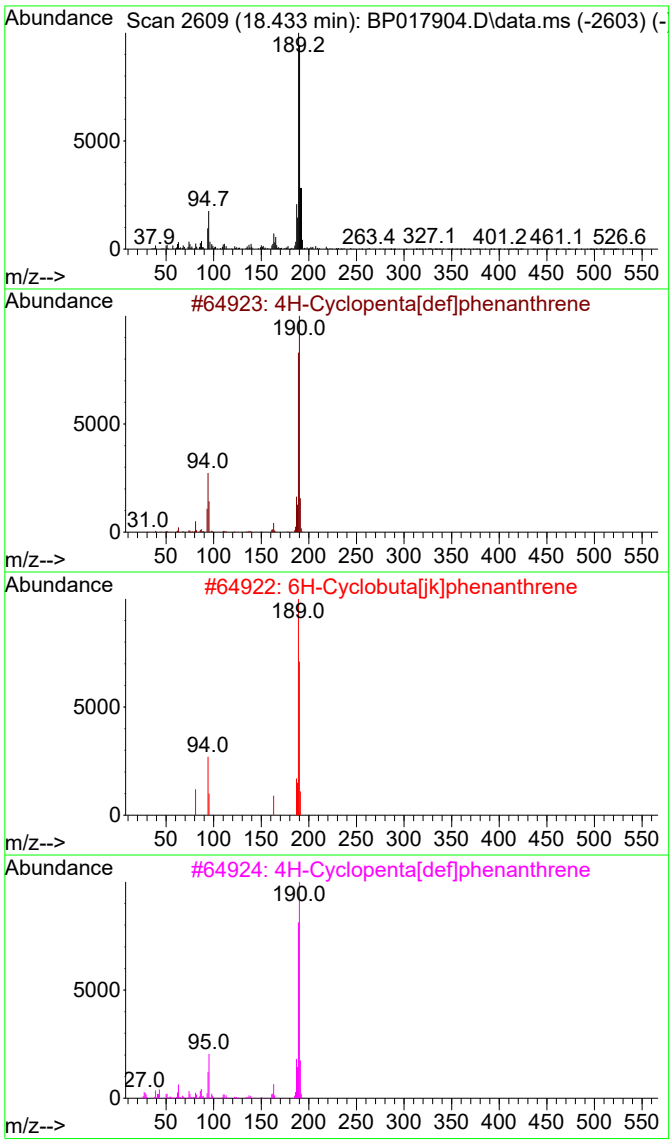
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

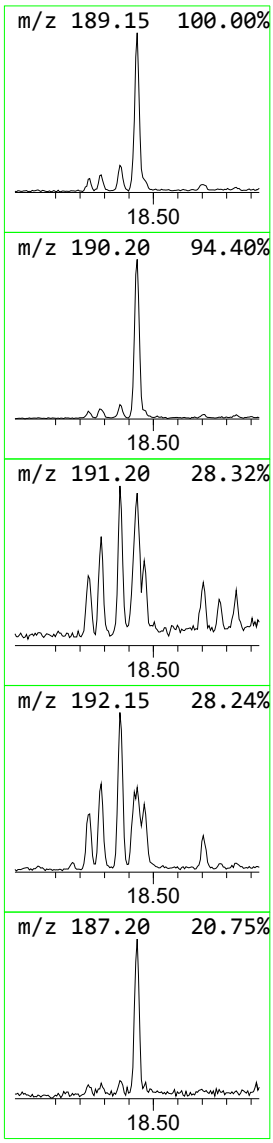
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	2.69 ng/ul	218174	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

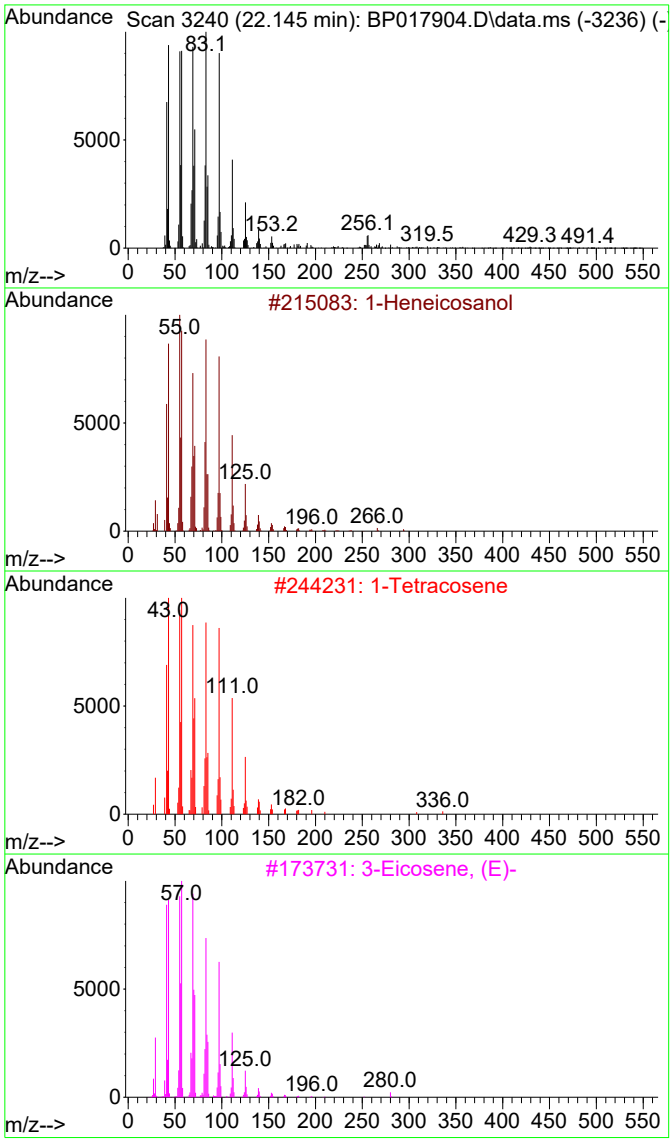
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

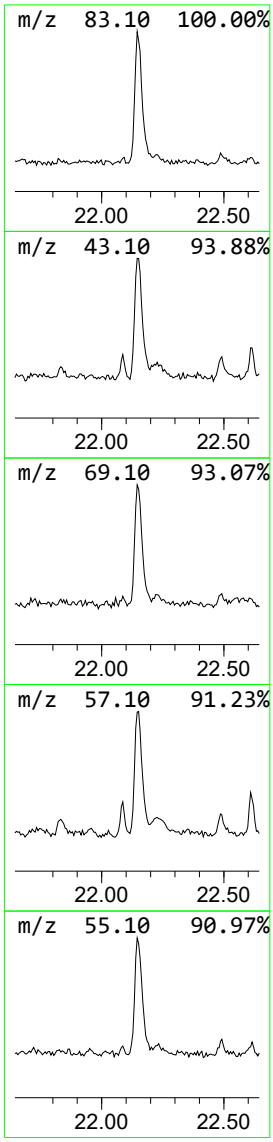
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.145	6.82 ng/ul	790146	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	1-Tetracosene	336	C24H48	010192-32-2	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5	Behenic alcohol	326	C22H46O	000661-19-8	81





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Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

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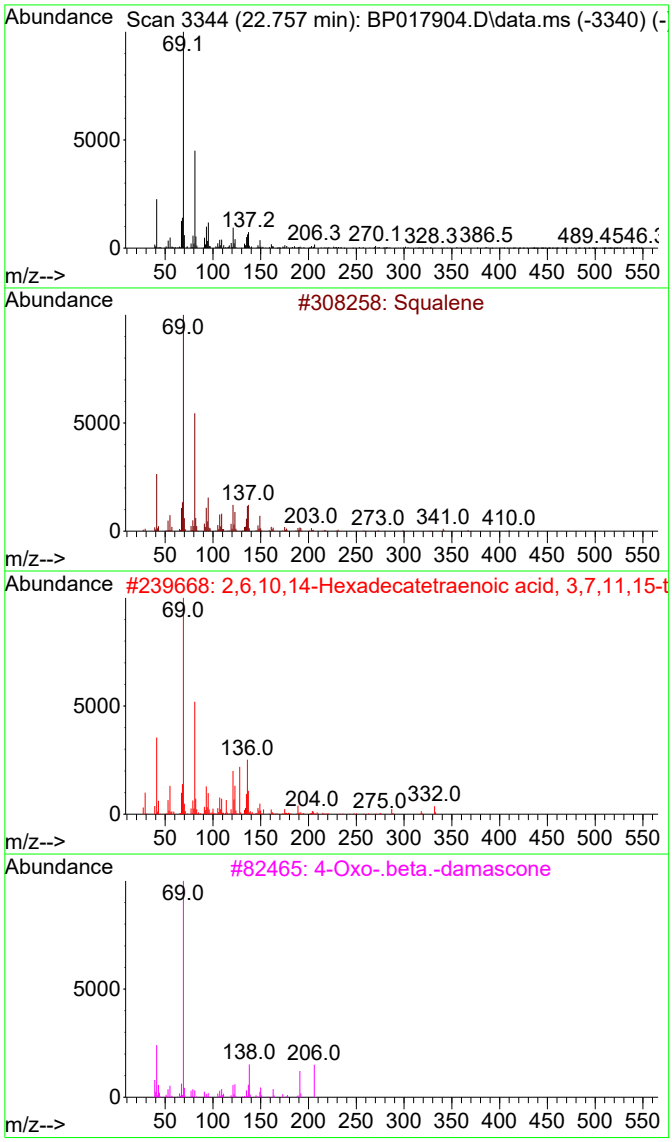
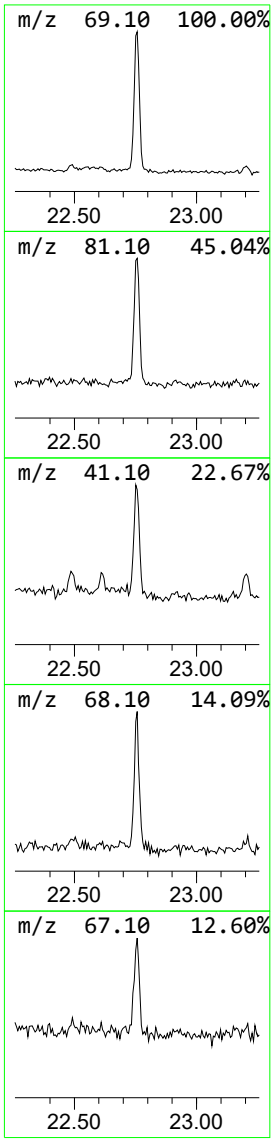
Peak Number 6 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.757	3.42 ng/ul	396969	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	83
2	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
3	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	59
4	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	59
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59





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Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

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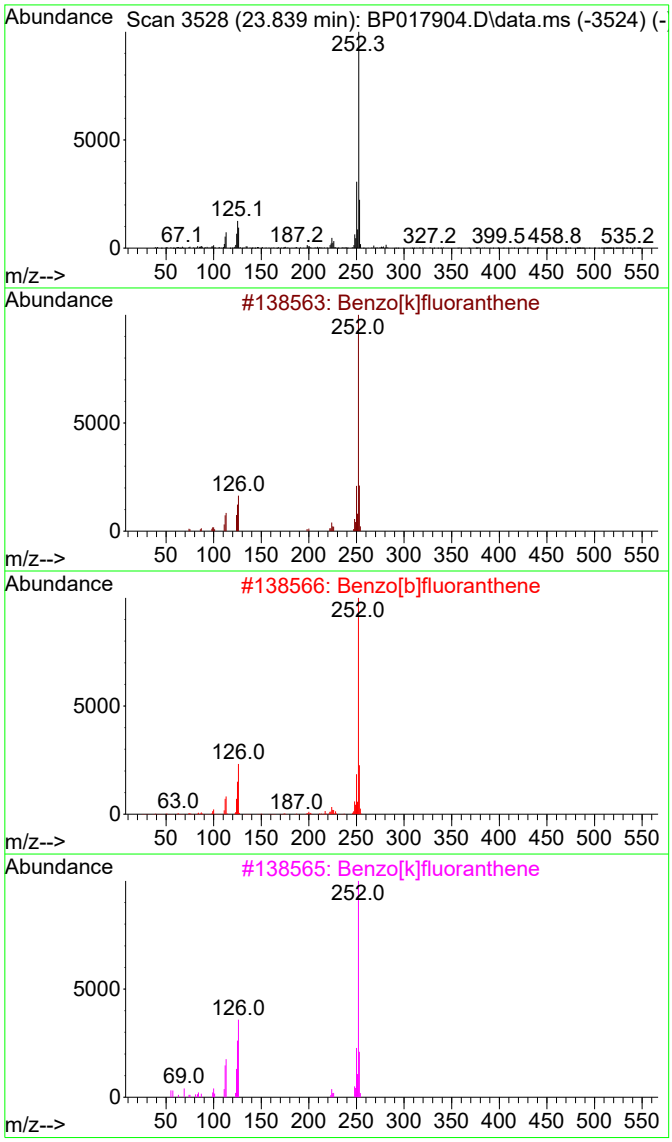
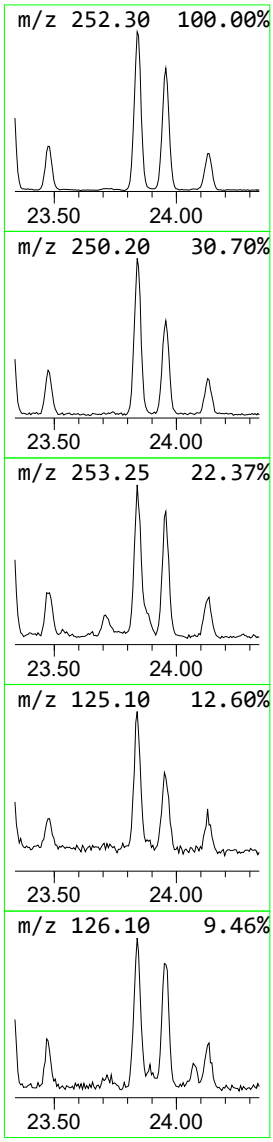
Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.839	7.35 ng/ul	469192	Perylene-d12	24.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[e]pyrene	252	C20H12	000192-97-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION

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

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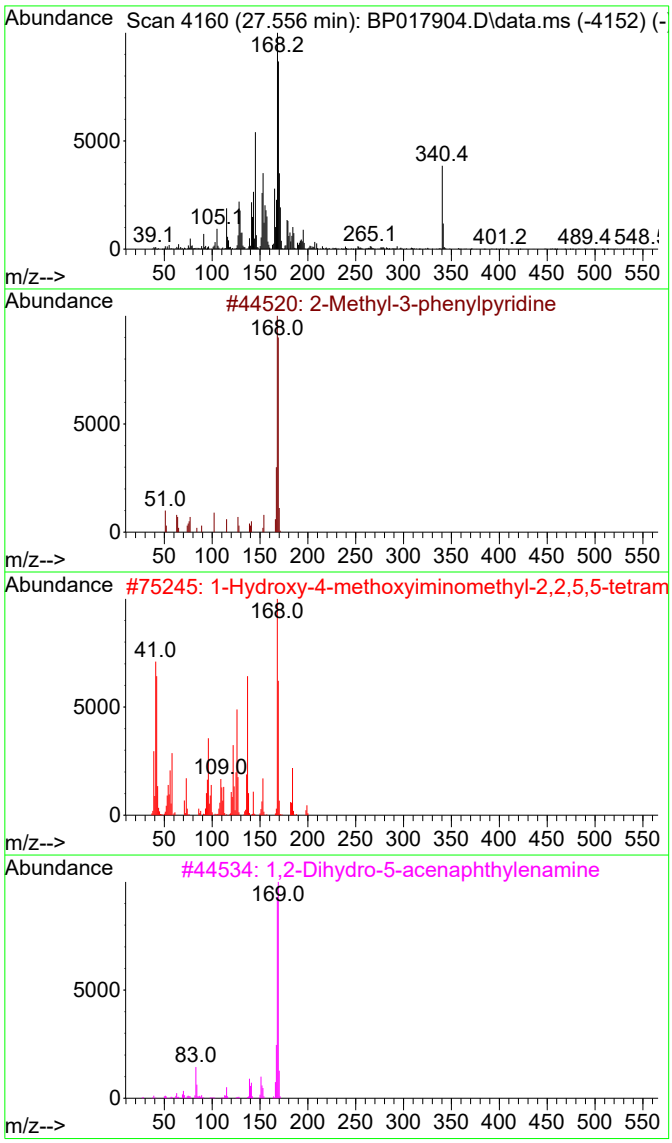
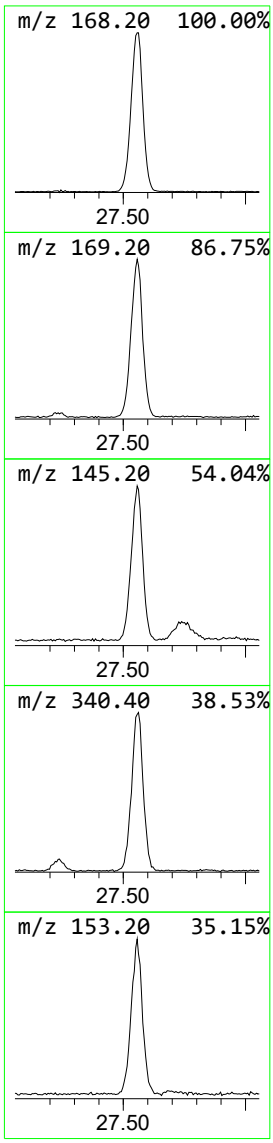
Peak Number 8 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.556	31.81 ng/ul	2031860	Perylene-d12	24.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	43
2	1-Hydroxy-4-methoxyiminomethyl-2...	199	C9H17N3O2	344411-55-8	38
3	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	38
4	2-Aminobiphenyl	169	C12H11N	000090-41-5	38
5	4-Allyl-3-(6-chloro-benzo[1,3]di...	375	C17H14ClN3O3S	1000296-30-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017904.D
Acq On : 03 Nov 2023 01:40
Operator : MA/JU
Sample : 05060-12
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCKH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.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
Aceto phenone	8.734	6.8	ng/ul	324204	1	7.875	960054	20.0
(E)-Hexadec-9-e...	18.163	3.1	ng/ul	251852	4	17.369	1624890	20.0
n-Hexadecanoic ...	18.222	7.1	ng/ul	579379	4	17.369	1624890	20.0
4H-Cyclopenta[d...	18.433	2.7	ng/ul	218174	4	17.369	1624890	20.0
1-Heneicosanol	22.145	6.8	ng/ul	790146	5	21.516	2318720	20.0
Squalene	22.757	3.4	ng/ul	396969	5	21.516	2318720	20.0
Benzo[e]pyrene	23.839	7.3	ng/ul	469192	6	24.074	1277470	20.0
unknown-01	27.556	31.8	ng/ul	2031860	6	24.074	1277470	20.0