LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022758.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.593	100	103	119	rBV	110927	186705	5.94%	0.443%
2	6.834	648	654	667	rVV	202713	363742	11.57%	0.863%
3	6.981	673	679	688	rBV	148556	238136	7.58%	0.565%
4	7.181	704	713	724	rBV	216547	349813	11.13%	0.830%
5	7.634	782	790	800	rBV	327825	543117	17.28%	1.289%
6	8.346	904	911	925	rBV	261961	474679	15.10%	1.127%
7	8.775	977	984	997	rBV	217486	366223	11.65%	0.869%
8	9.487	1097	1105	1119	rBV	182946	333149	10.60%	0.791%
9	10.034	1191	1198	1212	rBV	281654	530194	16.87%	1.258%
10	10.392	1250	1259	1263	rBV	459728	766616	24.39%	1.819%
11	10.434	1263	1266	1276	rVV	115418	182530	5.81%	0.433%
12	10.534	1276	1283	1301	rVV	236942	461909	14.70%	1.096%
13	12.051	1536	1541	1549	rBV	86112	138236	4.40%	0.328%
14	12.275	1572	1579	1588	rVB2	43738	79594	2.53%	0.189%
15	13.081	1709	1716	1722	rBV	29148	50646	1.61%	0.120%
16	13.275	1744	1749	1758	rVB	16012	28039	0.89%	0.067%
17	13.422	1766	1774	1783	rBV4	22596	62514	1.99%	0.148%
18	13.569	1793	1799	1804	rBV	38901	64556	2.05%	0.153%
19	13.622	1804	1808	1809	rVV	27136	30656	0.98%	0.073%
20	13.657	1809	1814	1826	rVB	497292	812164	25.84%	1.927%
21	13.816	1832	1841	1845	rBV3	15220	28780	0.92%	0.068%
22	13.945	1853	1863	1874	rBV	664543	997537	31.74%	2.367%
23	14.257	1905	1916	1921	rBV	929498	1192704	37.95%	2.831%
24	14.316	1921	1926	1935	rVB	353883	498900	15.87%	1.184%
25	14.510	1948	1959	1967	rBV	150302	324886	10.34%	0.771%
26	14.657	1978	1984	1995	rVV	166545	278007	8.85%	0.660%
27	15.275	2081	2089	2094	rVV	982508	1282263	40.80%	3.043%
28	15.322	2094	2097	2107	rVV	365592	491581	15.64%	1.167%
29	15.422	2107	2114	2122	rVV2	105319	231826	7.38%	0.550%
30	15.492	2122	2126	2131	rVV3	33813	68445	2.18%	0.162%
31	15.551	2133	2136	2139	rVV2	15033	23943	0.76%	0.057%
32	15.592	2139	2143	2146	rVV	25752	41152	1.31%	0.098%
33	15.639	2146	2151	2162	rVV2	234647	384577	12.24%	0.913%
34	15.775	2165	2174	2183	rVV2	47211	124604	3.96%	0.296%
35	15.880	2185	2192	2196	rVB4	9796	22089	0.70%	0.052%
36	15.998	2203	2212	2221	rBV7	14763	39552	1.26%	0.094%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	16.227	2244	2251	2255	rBV5	17821	33592	1.07%	0.080%
38	16.351	2261	2272	2277	rBV4	48812	125284	3.99%	0.297%
39	16.398	2277	2280	2286	rVB2	18138	28179	0.90%	0.067%
40	16.639	2317	2321	2324	rVB3	20471	25639	0.82%	0.061%
41	16.716	2330	2334	2340	rVB2	36389	61799	1.97%	0.147%
42	16.780	2340	2345	2347	rBV3	29368	41036	1.31%	0.097%
43	16.875	2356	2361	2372	rVB	94601	163860	5.21%	0.389%
44	17.069	2385	2394	2397	rBV	1038715	1534435	48.82%	3.642%
45	17.110	2397	2401	2405	rVV	2127117	2716327	86.43%	6.446%
46	17.163	2405	2410	2413	rVV	1051640	1454702	46.28%	3.452%
47	17.192	2413	2415	2423	rVV	424450	502964	16.00%	1.194%
48	17.280	2423	2430	2434	rVB5	24756	49570	1.58%	0.118%
49	17.480	2458	2464	2479	rBV	140933	239905	7.63%	0.569%
50	17.592	2479	2483	2489	rBV3	21453	39840	1.27%	0.095%
51	17.669	2492	2496	2505	rVB6	15511	38741	1.23%	0.092%
52	17.810	2517	2520	2528	rVB2	16827	28028	0.89%	0.067%
53	17.963	2540	2546	2549	rBV	112646	195304	6.21%	0.463%
54	17.998	2549	2552	2555	rBV	194151	274374	8.73%	0.651%
55	18.116	2567	2572	2576	rVB	66261	92869	2.95%	0.220%
56	18.174	2576	2582	2585	rBV3	272086	424815	13.52%	1.008%
57	18.292	2597	2602	2606	rBV5	16233	34631	1.10%	0.082%
58	18.339	2608	2610	2614	rVV4	18933	27534	0.88%	0.065%
59	18.392	2615	2619	2624	rVV8	17773	34734	1.11%	0.082%
60	18.439	2624	2627	2632	rVV7	13303	31135	0.99%	0.074%
61	18.492	2632	2636	2641	rVV	127971	180069	5.73%	0.427%
62	18.539	2641	2644	2651	rVV2	47868	66110	2.10%	0.157%
63	18.751	2676	2680	2685	rVB4	24878	41003	1.30%	0.097%
64	18.810	2687	2690	2693	rVB2	22401	24878	0.79%	0.059%
65	18.851	2693	2697	2700	rBV2	29505	44852	1.43%	0.106%
66	18.921	2705	2709	2713	rBV	58527	82338	2.62%	0.195%
67	18.986	2714	2720	2723	rVV3	24026	43291	1.38%	0.103%
68	19.080	2730	2736	2743	rBV4	50226	111516	3.55%	0.265%
69	19.204	2749	2757	2763	rBV	2517991	3107572	98.87%	7.375%
70	19.263	2764	2767	2770	rVV	27302	33841	1.08%	0.080%
71	19.298	2770	2773	2776	rVV	39116	44827	1.43%	0.106%
72	19.339	2776	2780	2786	rVB3	70465	112253	3.57%	0.266%
73	19.457	2796	2800	2805	rVB	53181	76868	2.45%	0.182%
74	19.551	2810	2816	2818	rBV	1727858	2328894	74.10%	5.527%
75	19.580	2818	2821	2829	rVV	1677988	2267523	72.15%	5.381%
76	19.651	2829	2833	2841	rVB2	72539	108924	3.47%	0.258%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.768	2849	2853	2861	rVB	68941	103385	3.29%	0.245%
78	19.845	2861	2866	2874	rVB	41223	78547	2.50%	0.186%
79	19.927	2874	2880	2886	rBV3	110306	259502	8.26%	0.616%
80	19.980	2886	2889	2892	rVB	24741	28731	0.91%	0.068%
81	20.057	2897	2902	2904	rVV4	76326	131432	4.18%	0.312%
82	20.098	2905	2909	2916	rVB	195130	322214	10.25%	0.765%
83	20.210	2924	2928	2932	rBV	185323	253483	8.07%	0.602%
84	20.268	2932	2938	2942	rVV2	115578	231184	7.36%	0.549%
85	20.304	2942	2944	2948	rVV2	51135	60996	1.94%	0.145%
86	20.345	2949	2951	2955	rVB2	32699	35365	1.13%	0.084%
87	20.410	2958	2962	2965	rVV	66481	87352	2.78%	0.207%
88	20.457	2966	2970	2975	rVV3	70171	110973	3.53%	0.263%
89	20.892	3041	3044	3050	rVB	90462	118075	3.76%	0.280%
90	21.068	3070	3074	3078	rBV2	154632	226146	7.20%	0.537%
91	21.110	3078	3081	3085	rVV	92956	132331	4.21%	0.314%
92	21.174	3085	3092	3099	rVV4	152620	395953	12.60%	0.940%
93	21.492	3138	3146	3151	rBV2	1478123	3142931	100.00%	7.459%
94	21.539	3151	3154	3168	rVB	530271	973046	30.96%	2.309%
95	21.704	3179	3182	3189	rBV	94143	157957	5.03%	0.375%
96	23.727	3519	3526	3534	rBV	428109	1164225	37.04%	2.763%
97	24.462	3644	3651	3654	rBV	155937	355453	11.31%	0.844%
98	24.533	3655	3663	3670	rVV	808166	2073965	65.99%	4.922%
99	24.598	3670	3674	3685	rVB	264236	597713	19.02%	1.419%
100	24.745	3691	3699	3708	rBV	791152	2127875	67.70%	5.050%

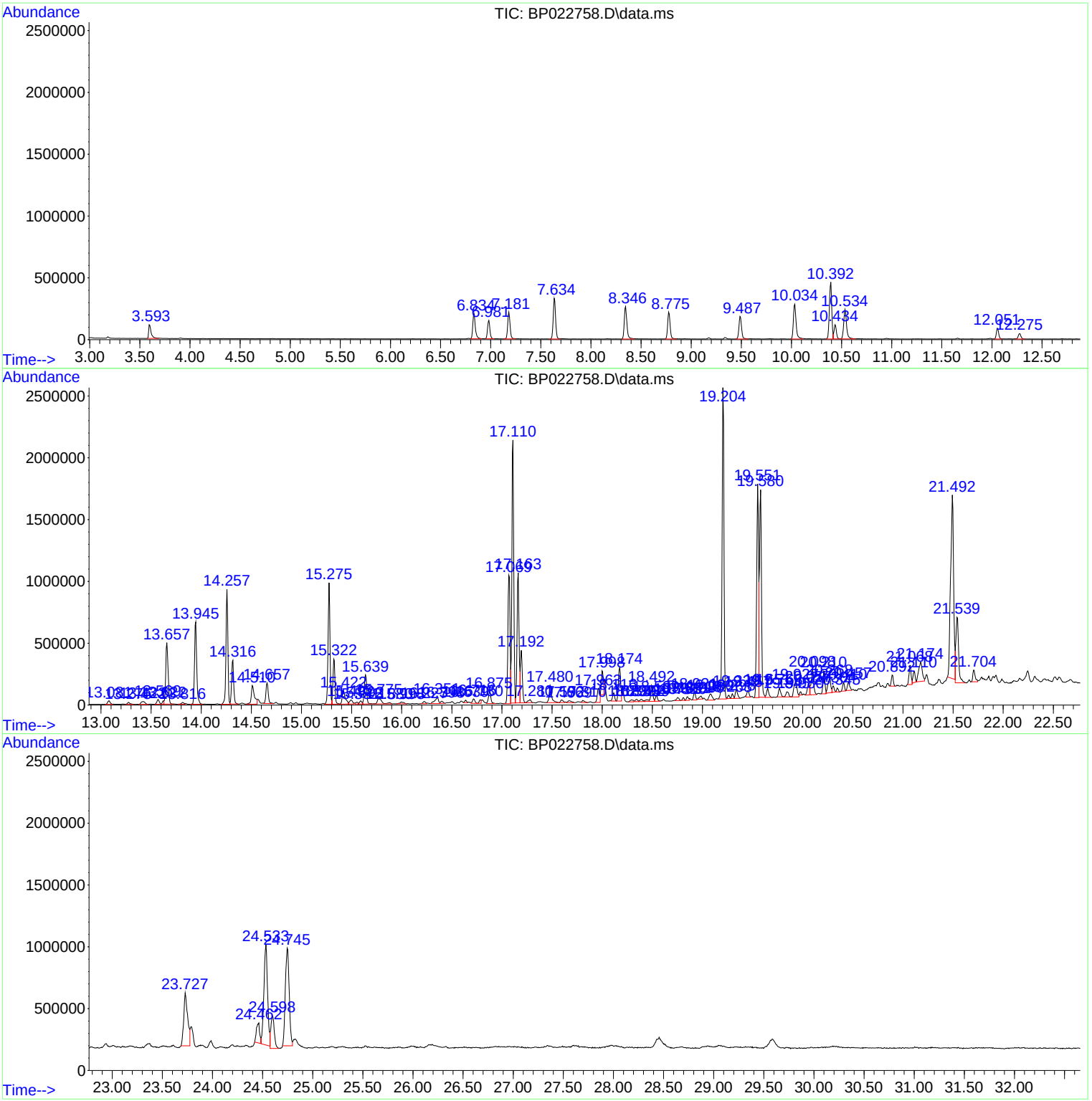
Sum of corrected areas: 42136954

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

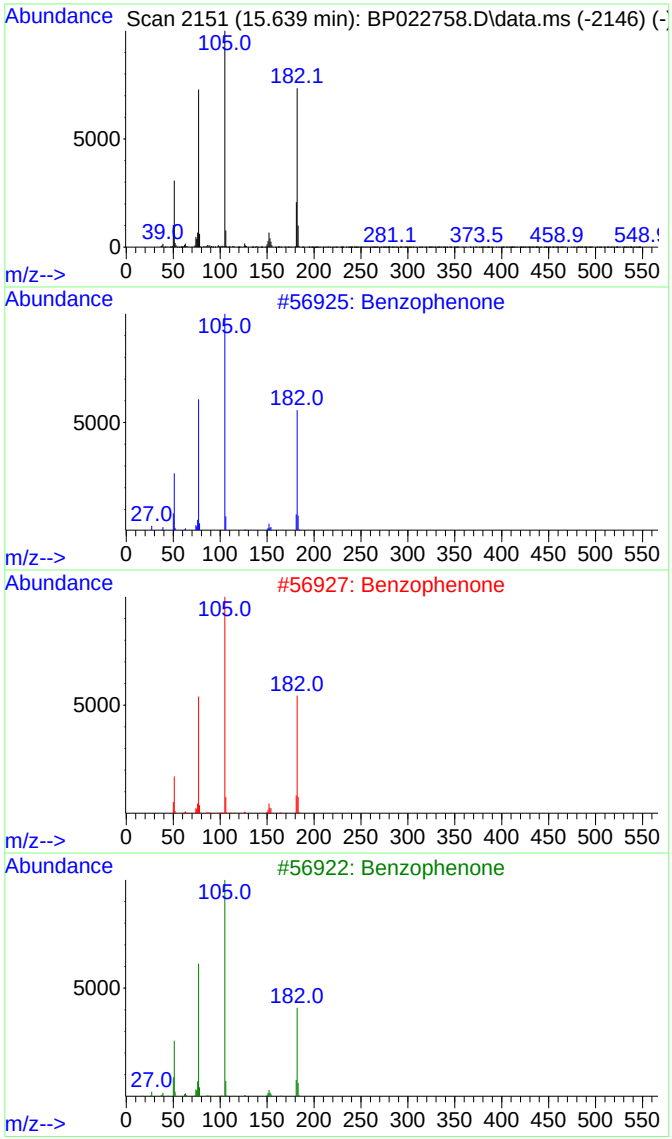
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

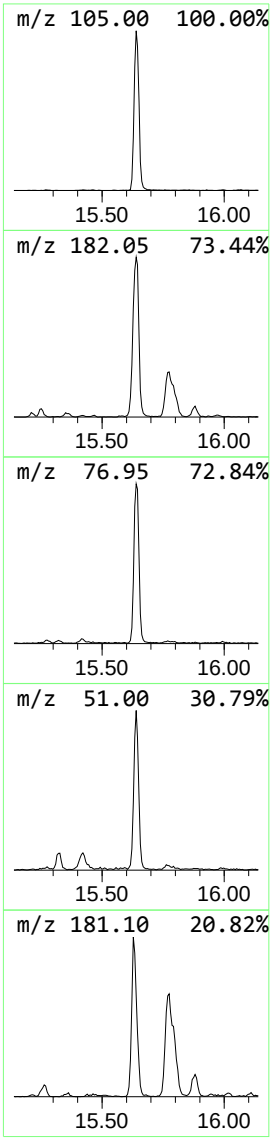
****

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	6.45 ng/ul	384577	Acenaphthene-d10	14.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

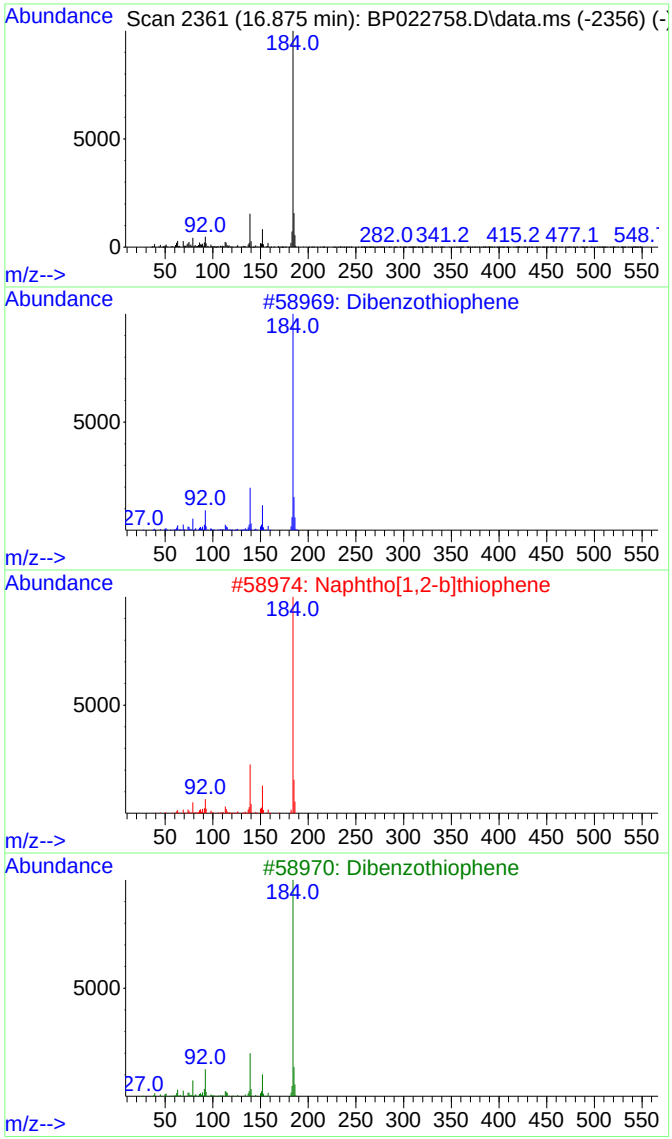
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

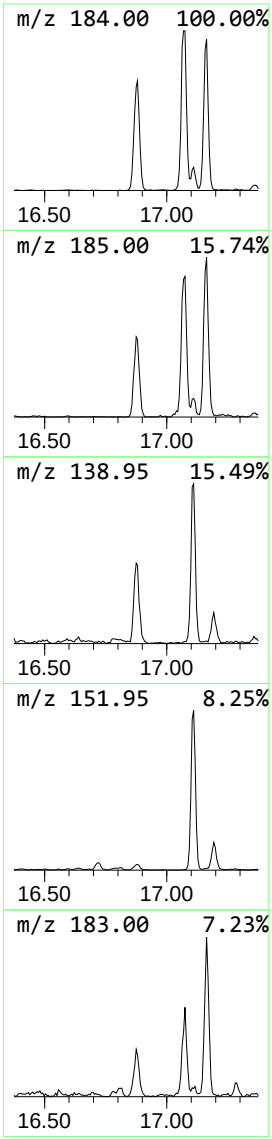
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	2.14 ng/ul	163860	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

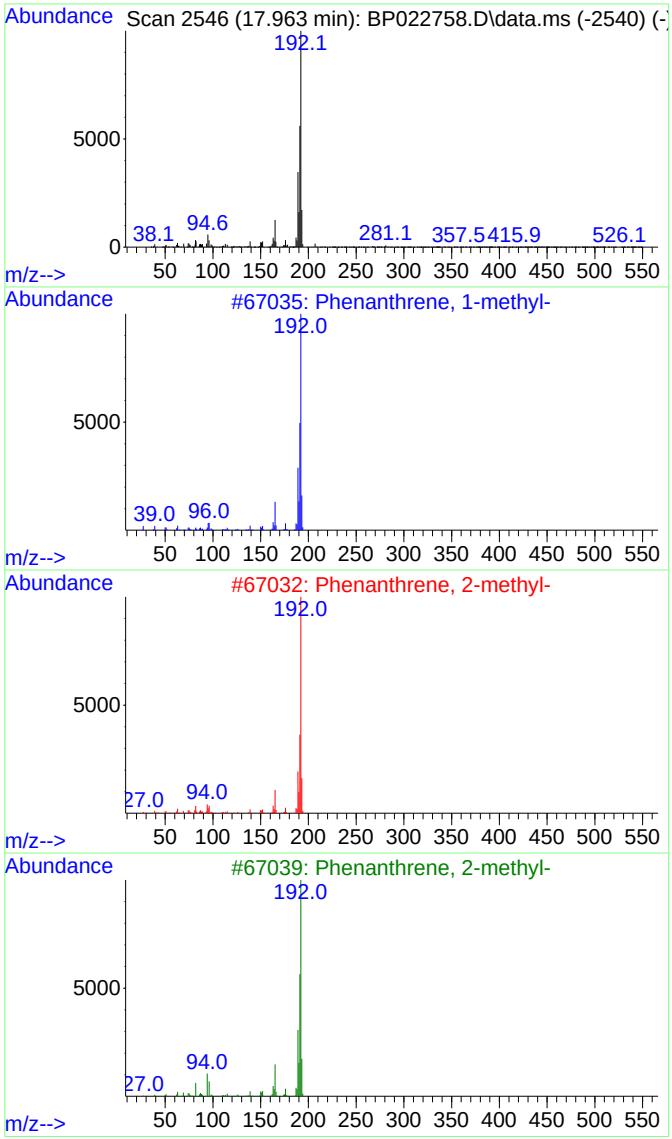
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

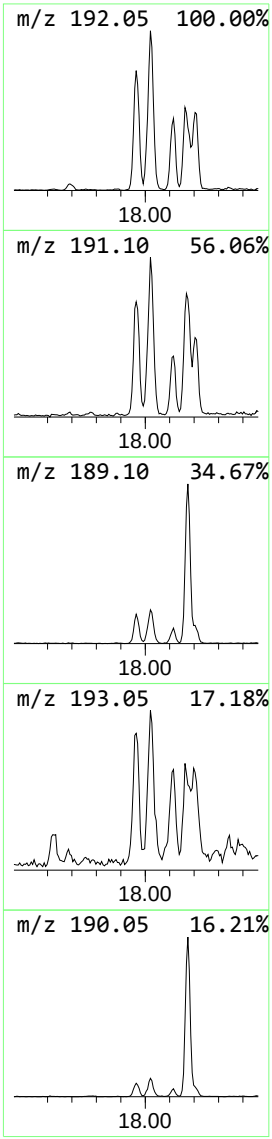
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	2.55 ng/ul	195304	Phenanthrene-d10	17.069

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	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

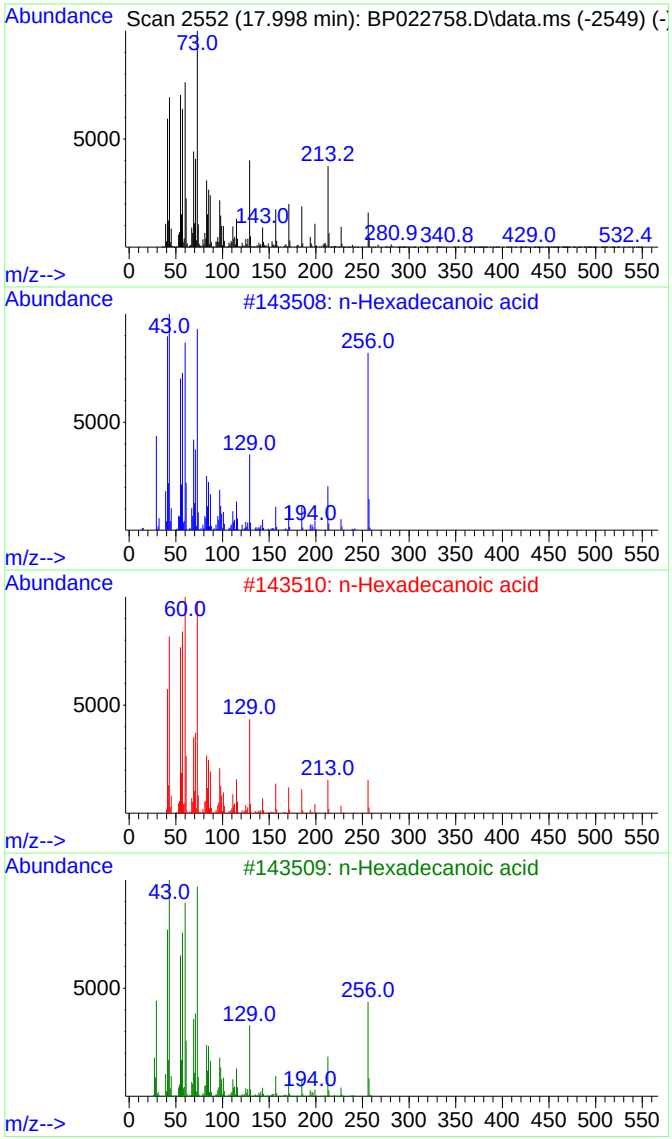
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

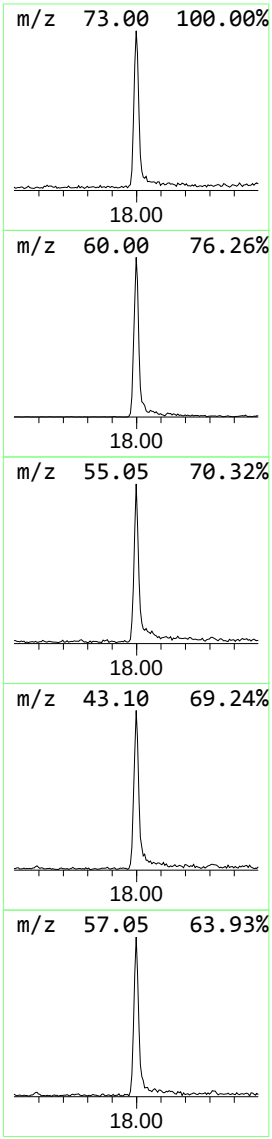
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.998	3.58 ng/ul	274374	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

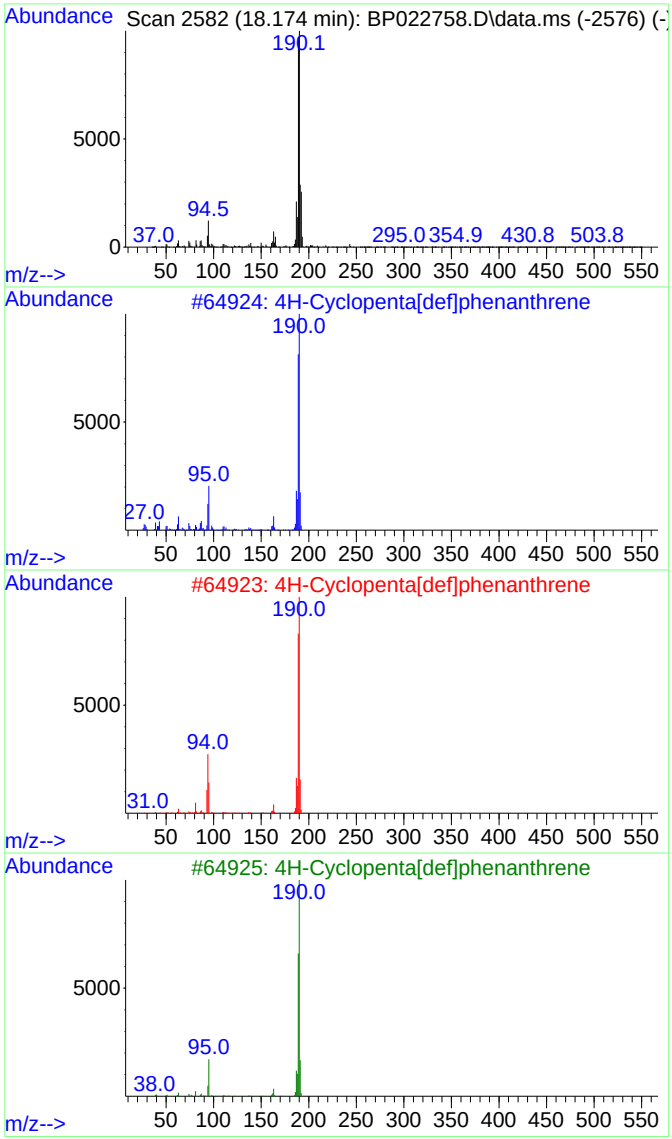
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

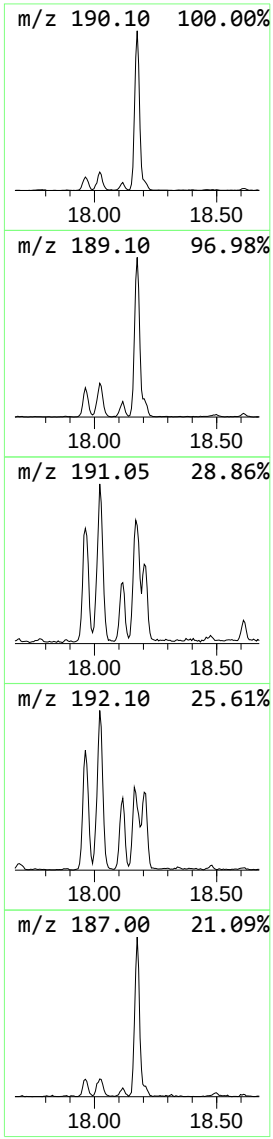
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	5.54 ng/ul	424815	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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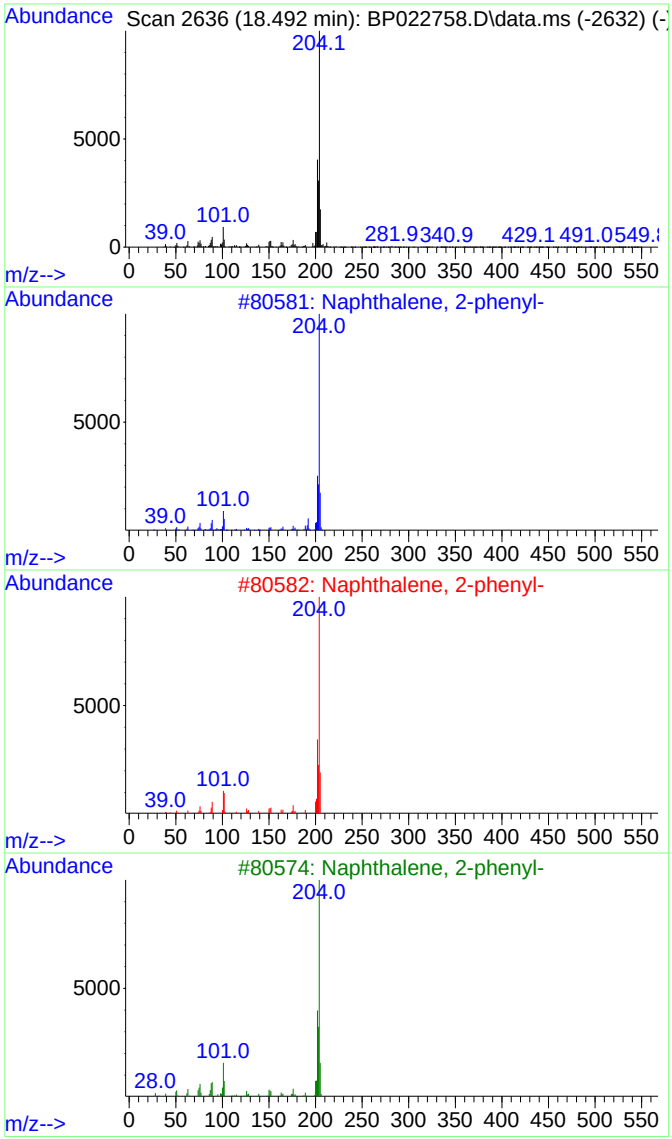
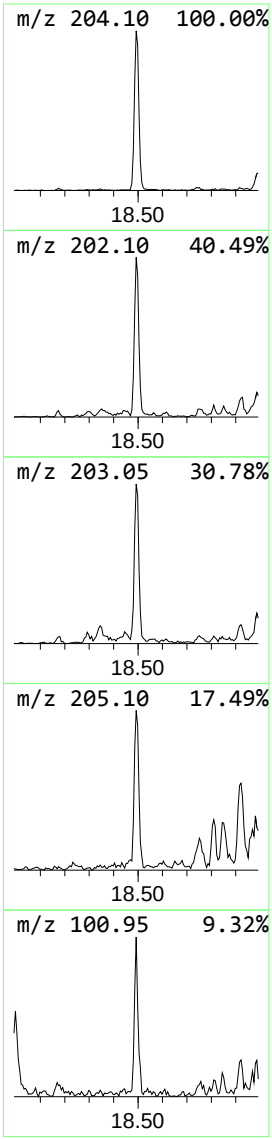
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.35 ng/ul	180069	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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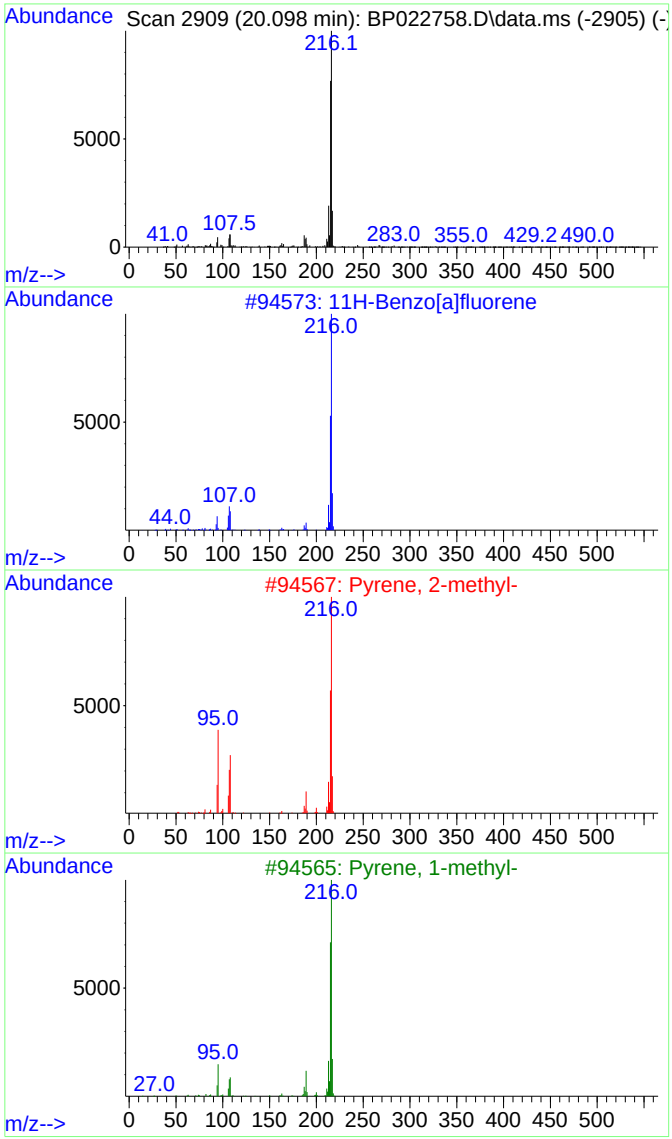
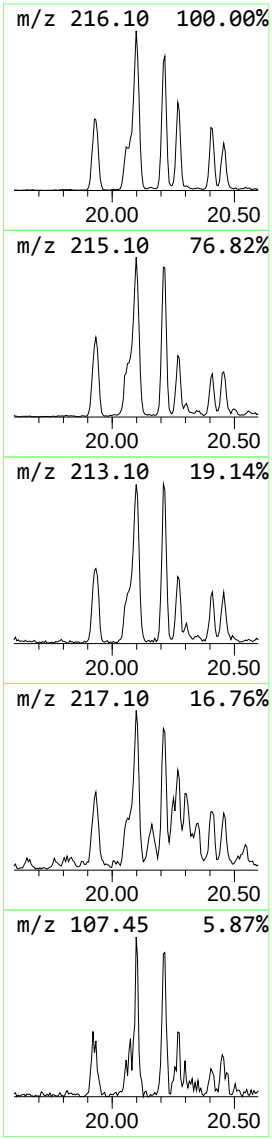
Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.098	2.05 ng/ul	322214	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

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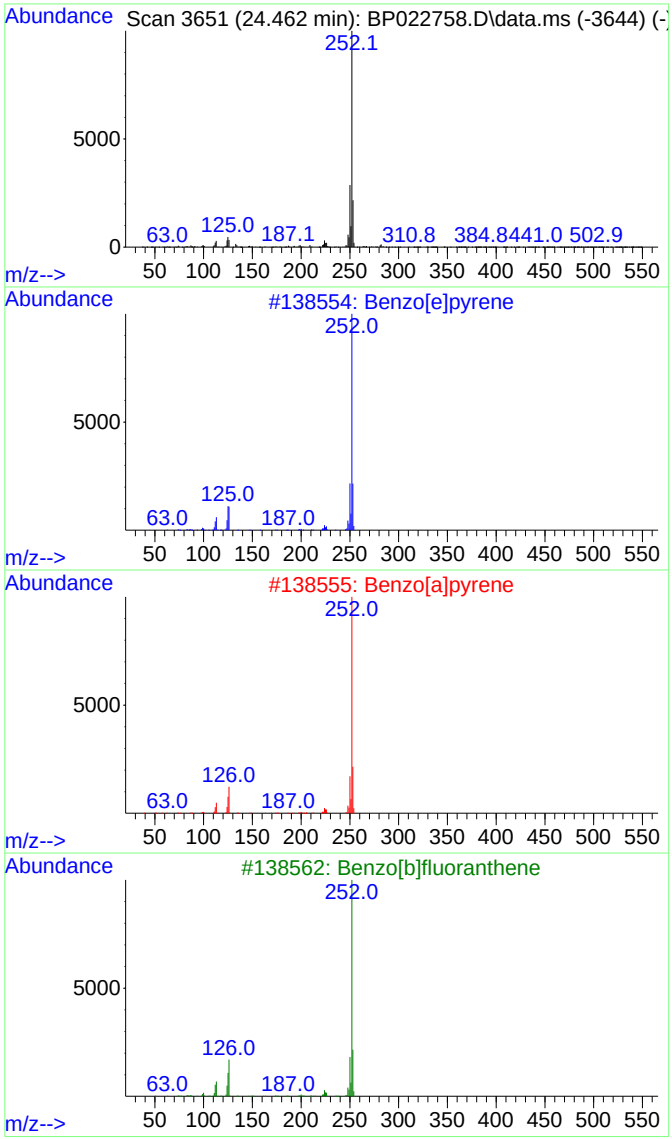
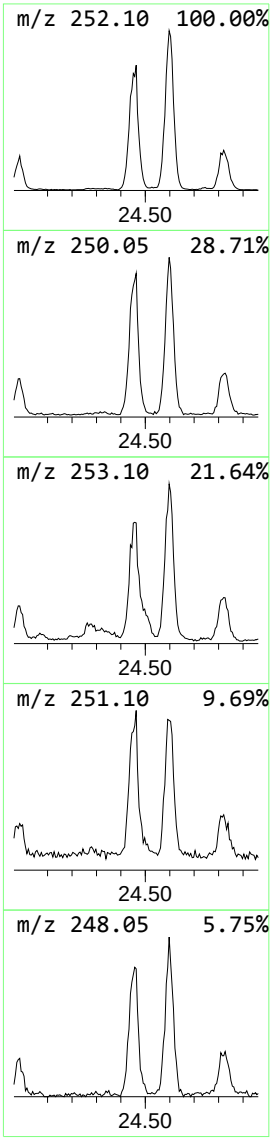
Peak Number 9 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.462	3.34 ng/ul	355453	Perylene-d12	24.745

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022758.D
Acq On : 31 Oct 2024 06:40
Operator : RC/JU
Sample : P4592-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F7H04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.639	6.5	ng/ul	384577	3	14.257	1192700	20.0
Dibenzothiophene	16.875	2.1	ng/ul	163860	4	17.069	1534440	20.0
Phenanthrene, 1...	17.963	2.5	ng/ul	195304	4	17.069	1534440	20.0
n-Hexadecanoic ...	17.998	3.6	ng/ul	274374	4	17.069	1534440	20.0
4H-Cyclopenta[d...	18.174	5.5	ng/ul	424815	4	17.069	1534440	20.0
Naphthalene, 2-...	18.492	2.4	ng/ul	180069	4	17.069	1534440	20.0
11H-Benzo[a]flu...	20.098	2.0	ng/ul	322214	5	21.492	3142930	20.0
Benzo[e]pyrene	24.462	3.3	ng/ul	355453	6	24.745	2127880	20.0