LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F34

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: BP022748.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.664	110	115	116	rVV	12918	19210	0.56%	0.055%
2	3.687	116	119	124	rVB	30182	41695	1.22%	0.120%
3	4.452	244	249	254	rVV	32993	49606	1.45%	0.143%
4	4.499	254	257	263	rVB	14358	20339	0.60%	0.059%
5	5.481	417	424	428	rBV	49204	77622	2.28%	0.224%
6	5.693	451	460	465	rBV4	14476	27825	0.82%	0.080%
7	5.799	473	478	484	rVB	15768	23341	0.68%	0.067%
8	6.011	508	514	519	rVV	117879	178286	5.23%	0.514%
9	6.058	519	522	527	rVB3	17146	26921	0.79%	0.078%
10	6.246	547	554	564	rVB4	29380	80211	2.35%	0.231%
11	6.411	577	582	586	rBV4	9885	18647	0.55%	0.054%
12	6.458	586	590	594	rVV	48467	73492	2.15%	0.212%
13	6.511	594	599	605	rVB	76146	120882	3.54%	0.348%
14	6.834	646	654	673	rVV2	115258	269320	7.90%	0.776%
15	6.981	673	679	691	rVV	92354	155928	4.57%	0.449%
16	7.181	706	713	731	rVB	115938	204003	5.98%	0.588%
17	7.634	784	790	800	rBV	303641	463047	13.58%	1.334%
18	8.281	889	900	904	rBV2	14161	26218	0.77%	0.076%
19	8.346	904	911	919	rBV	95951	182593	5.35%	0.526%
20	8.452	924	929	938	rVV	83691	146925	4.31%	0.423%
21	8.546	940	945	953	rVV10	6448	20636	0.61%	0.059%
22	8.775	977	984	993	rBV	107785	201788	5.92%	0.581%
23	9.346	1067	1081	1091	rBV8	7098	25617	0.75%	0.074%
24	9.493	1099	1106	1112	rBV	102701	176687	5.18%	0.509%
25	9.699	1129	1141	1149	rBV5	11427	39647	1.16%	0.114%
26	10.040	1191	1199	1213	rBV	127132	284116	8.33%	0.818%
27	10.387	1249	1258	1264	rBV	359215	674056	19.76%	1.942%
28	10.440	1264	1267	1278	rVB	40837	72219	2.12%	0.208%
29	10.546	1278	1285	1300	rBV5	17685	49009	1.44%	0.141%
30	12.046	1533	1540	1548	rBV	18206	33498	0.98%	0.096%
31	12.275	1575	1579	1587	rVB	16000	24856	0.73%	0.072%
32	13.081	1708	1716	1729	rBV5	12149	31505	0.92%	0.091%
33	13.428	1768	1775	1783	rVB5	8592	21435	0.63%	0.062%
34	13.569	1793	1799	1804	rBV3	11249	24186	0.71%	0.070%
35	13.669	1810	1816	1829	rVB	304244	464459	13.62%	1.338%
36	13.940	1854	1862	1874	rBV	300551	532810	15.62%	1.535%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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	14.251	1906	1915	1923	rBV	587300	1028373	30.15%	2.962%
38	14.328	1923	1928	1935	rVV	90717	158389	4.64%	0.456%
39	14.522	1954	1961	1976	rVV3	58583	168134	4.93%	0.484%
40	14.675	1980	1987	1996	rVV	81065	150691	4.42%	0.434%
41	15.263	2081	2087	2092	rBV	497361	705779	20.69%	2.033%
42	15.322	2092	2097	2104	rVB	129368	209441	6.14%	0.603%
43	15.422	2109	2114	2118	rBV3	43564	71108	2.08%	0.205%
44	15.651	2143	2153	2159	rVB2	128277	256138	7.51%	0.738%
45	15.787	2171	2176	2183	rVV	39571	75205	2.21%	0.217%
46	16.016	2209	2215	2224	rVB	9430	22753	0.67%	0.066%
47	16.351	2261	2272	2277	rBV4	22118	55913	1.64%	0.161%
48	16.587	2308	2312	2315	rVV	20607	27146	0.80%	0.078%
49	16.622	2315	2318	2322	rVB3	13839	18400	0.54%	0.053%
50	16.710	2328	2333	2341	rVB	49383	82325	2.41%	0.237%
51	16.810	2341	2350	2354	rBV3	41879	87928	2.58%	0.253%
52	16.875	2356	2361	2368	rVB	90047	139621	4.09%	0.402%
53	17.057	2386	2392	2396	rBV	929546	1342740	39.37%	3.868%
54	17.104	2396	2400	2406	rVV	1577312	2489227	72.99%	7.170%
55	17.169	2406	2411	2414	rVV	500777	755871	22.16%	2.177%
56	17.204	2414	2417	2422	rVB	334572	466204	13.67%	1.343%
57	17.492	2460	2466	2478	rBV	108754	197439	5.79%	0.569%
58	17.604	2480	2485	2488	rVV	31866	51784	1.52%	0.149%
59	17.663	2491	2495	2502	rVB3	27919	57223	1.68%	0.165%
60	17.810	2516	2520	2526	rVB2	14601	26174	0.77%	0.075%
61	17.969	2542	2547	2550	rBV	147321	223527	6.55%	0.644%
62	18.010	2550	2554	2563	rVV2	250726	464813	13.63%	1.339%
63	18.098	2564	2569	2575	rVB	48303	75515	2.21%	0.218%
64	18.175	2575	2582	2586	rBV2	217635	420284	12.32%	1.211%
65	18.210	2586	2588	2597	rVB	78104	112640	3.30%	0.324%
66	18.298	2599	2603	2606	rBV4	19559	29040	0.85%	0.084%
67	18.339	2606	2610	2613	rBV5	23692	31569	0.93%	0.091%
68	18.481	2629	2634	2639	rBV	106917	175728	5.15%	0.506%
69	18.539	2639	2644	2650	rVB	101939	155430	4.56%	0.448%
70	18.745	2675	2679	2684	rVB2	38973	43522	1.28%	0.125%
71	18.792	2684	2687	2690	rBV	28946	33256	0.98%	0.096%
72	18.828	2690	2693	2697	rVB3	24695	34187	1.00%	0.098%
73	18.928	2705	2710	2714	rBV2	36685	63604	1.86%	0.183%
74	19.081	2731	2736	2741	rBV4	57863	121476	3.56%	0.350%
75	19.192	2749	2755	2762	rVB	2519935	3410557	100.00%	9.824%
76	19.322	2775	2777	2782	rVB5	27698	34777	1.02%	0.100%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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	19.457	2796	2800	2803	rBV2	48438	68835	2.02%	0.198%
78	19.545	2809	2815	2817	rBV3	1059216	1616849	47.41%	4.657%
79	19.575	2817	2820	2829	rVV	1626627	2116076	62.04%	6.096%
80	19.657	2830	2834	2841	rVB2	71416	120802	3.54%	0.348%
81	19.769	2849	2853	2857	rVB	107290	140570	4.12%	0.405%
82	19.916	2872	2878	2885	rBV3	98393	268351	7.87%	0.773%
83	19.969	2885	2887	2892	rVB5	23113	23586	0.69%	0.068%
84	20.098	2899	2909	2914	rVB	285379	481444	14.12%	1.387%
85	20.198	2922	2926	2931	rVB	259743	338897	9.94%	0.976%
86	20.257	2931	2936	2940	rBV2	148112	248361	7.28%	0.715%
87	20.298	2940	2943	2948	rVB	66990	98133	2.88%	0.283%
88	20.457	2967	2970	2974	rVB	74503	98208	2.88%	0.283%
89	20.886	3040	3043	3049	rVB	108208	154669	4.54%	0.446%
90	21.075	3071	3075	3079	rBV2	170882	233717	6.85%	0.673%
91	21.122	3079	3083	3086	rVB	114725	152608	4.47%	0.440%
92	21.175	3087	3092	3097	rBV2	160531	334425	9.81%	0.963%
93	21.492	3139	3146	3152	rBV2	1327015	3280714	96.19%	9.450%
94	21.545	3152	3155	3170	rVB	878259	1363534	39.98%	3.928%
95	21.704	3178	3182	3190	rVB2	115737	188271	5.52%	0.542%
96	23.727	3518	3526	3533	rBV	539027	1654027	48.50%	4.765%
97	24.445	3645	3648	3649	rBV3	72701	88478	2.59%	0.255%
98	24.521	3656	3661	3668	rBV	206464	486777	14.27%	1.402%
99	24.604	3670	3675	3690	rVB	249755	644112	18.89%	1.855%
100	24.757	3694	3701	3712	rBV	575816	1557322	45.66%	4.486%

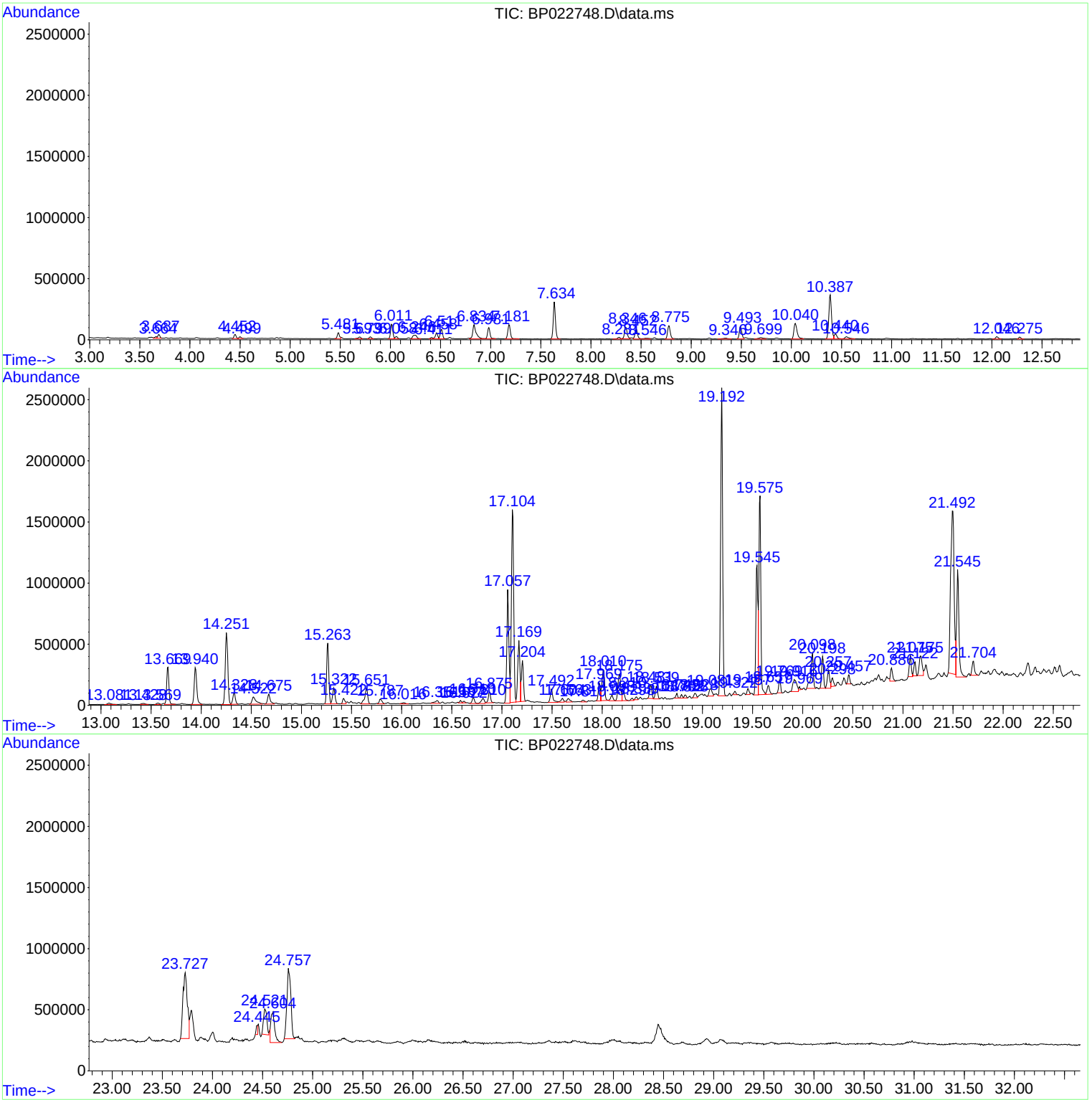
Sum of corrected areas: 34715332

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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 : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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

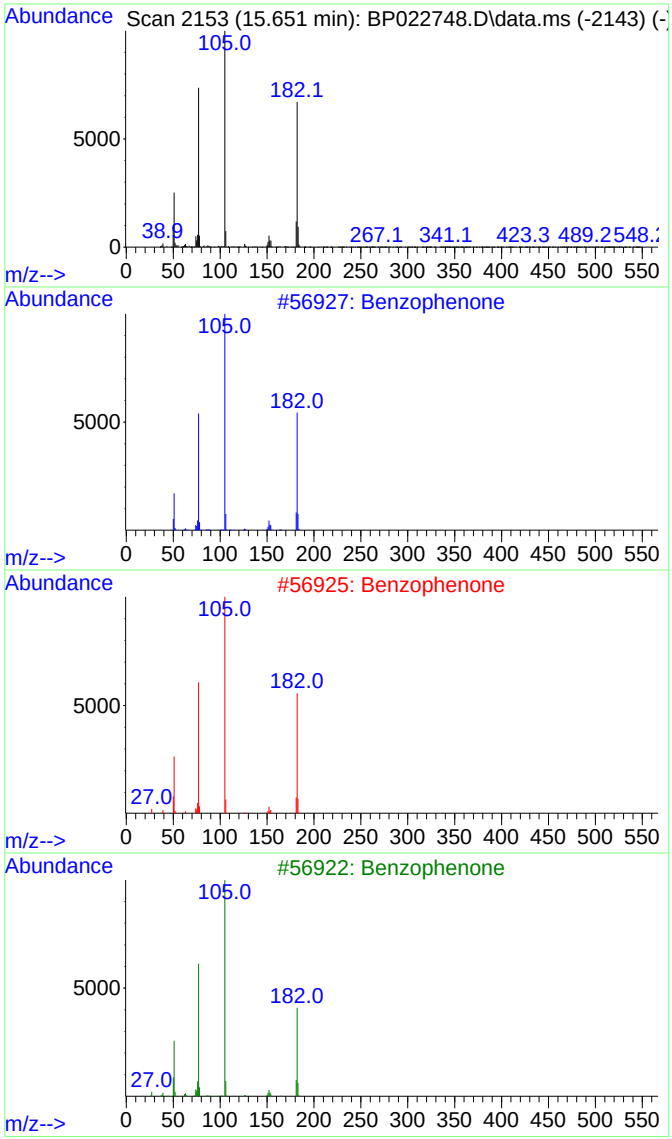
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

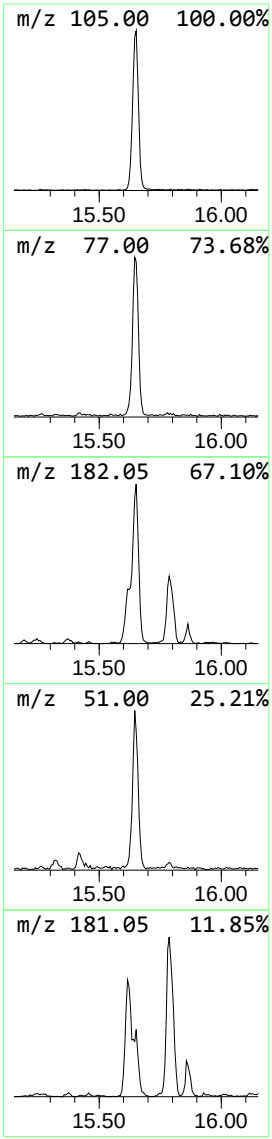
****

Peak Number 7 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	4.98 ng/ul	256138	Acenaphthene-d10	14.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Azobenzene	182	C12H10N2	000103-33-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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

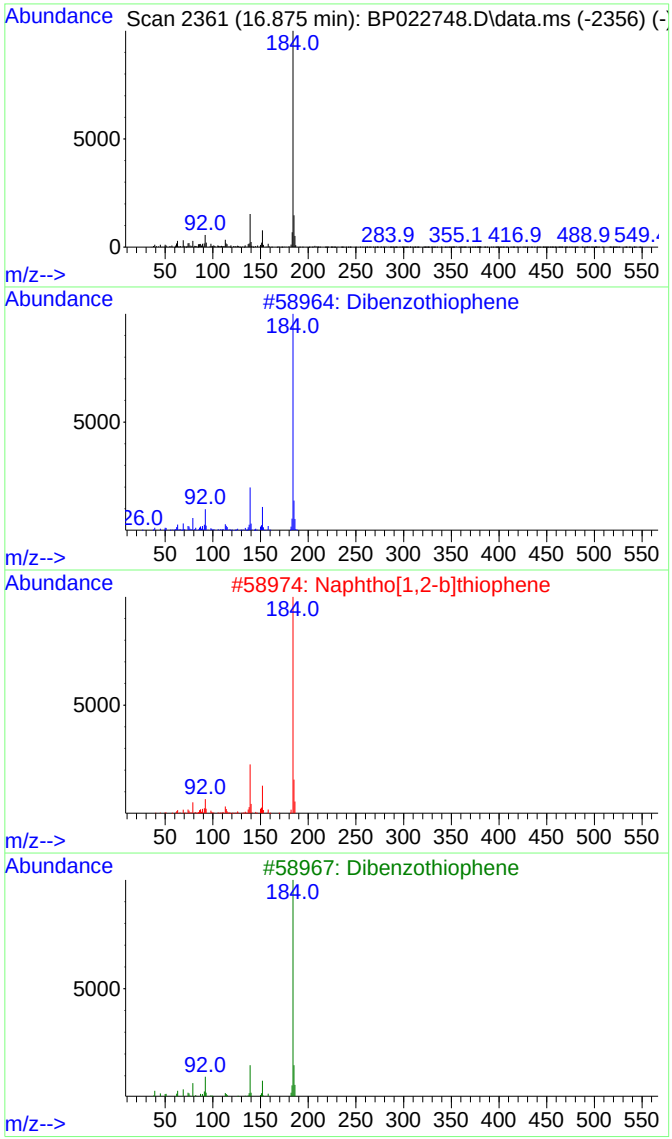
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

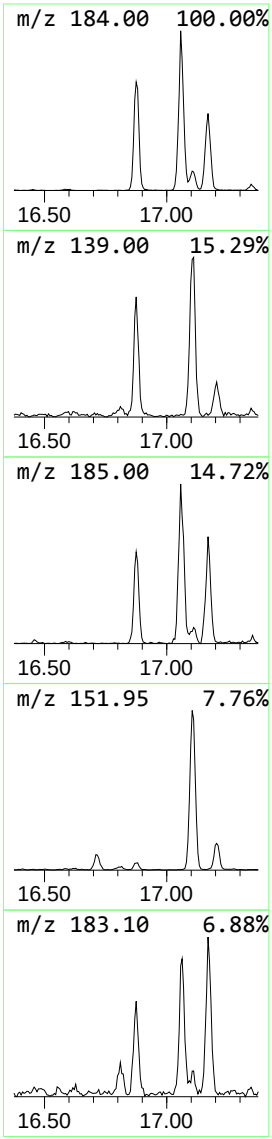
****

Peak Number 8 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	2.08 ng/ul	139621	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

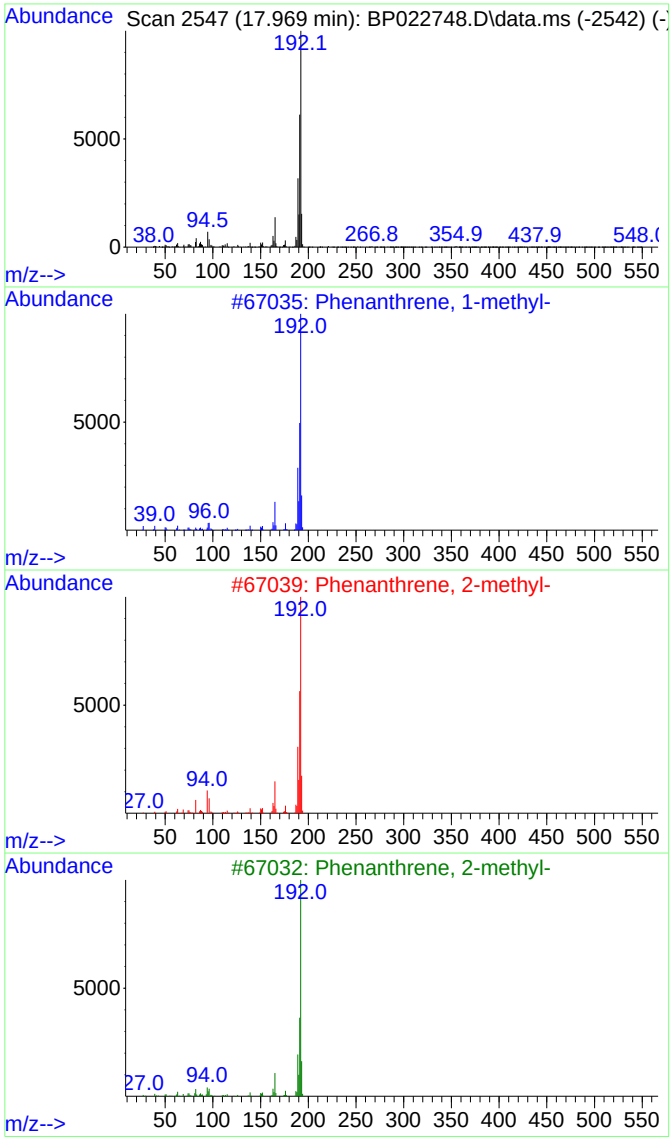
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

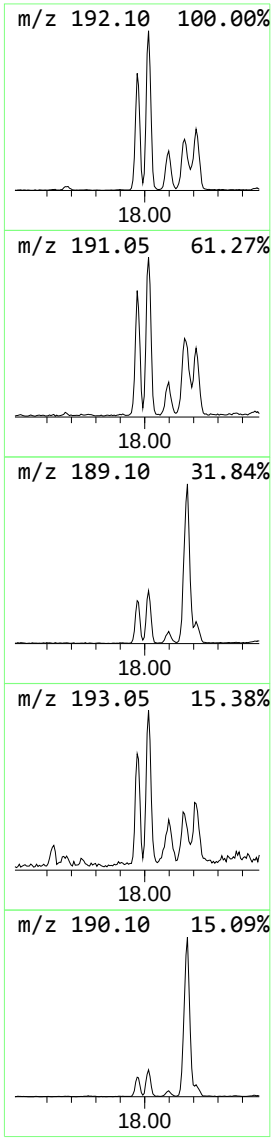
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	3.33 ng/ul	223527	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

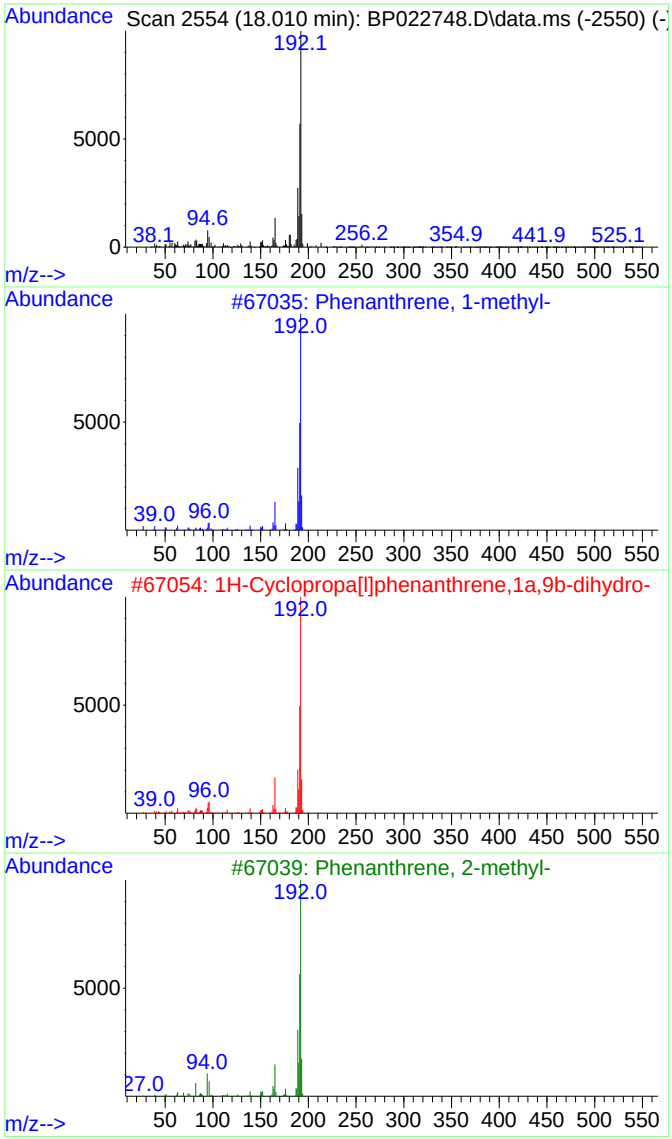
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

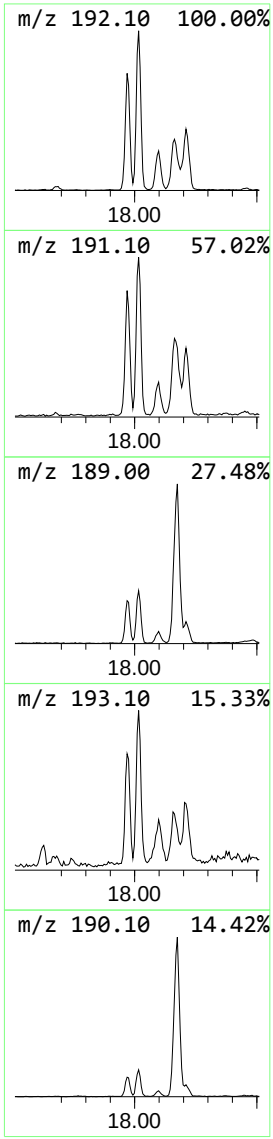
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	6.92 ng/ul	464813	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

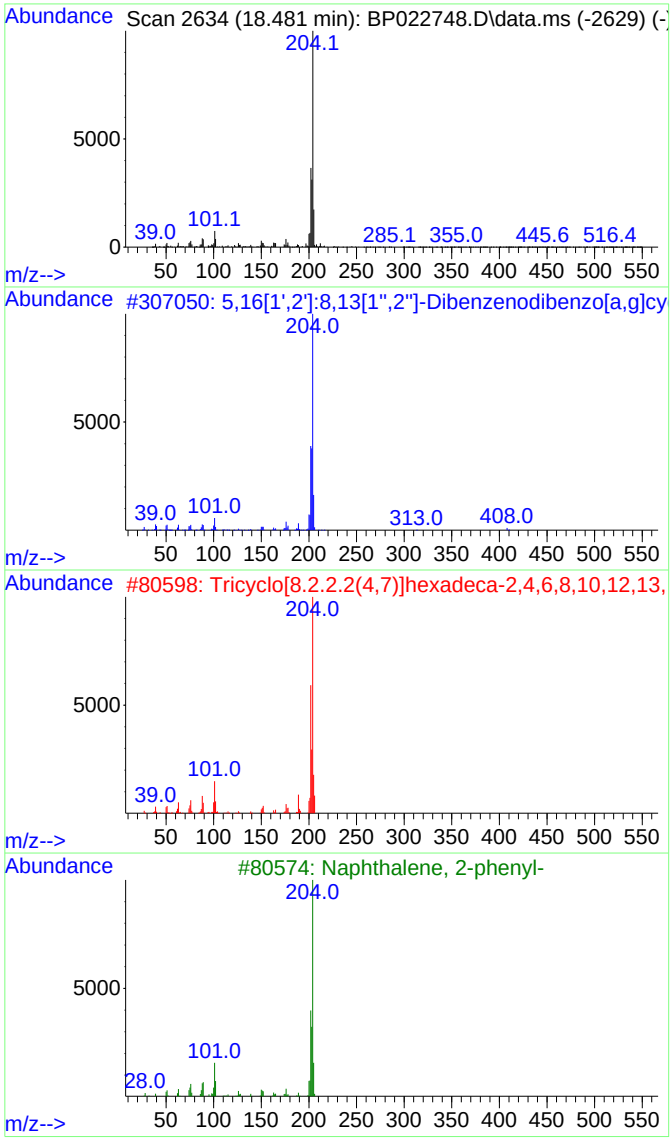
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

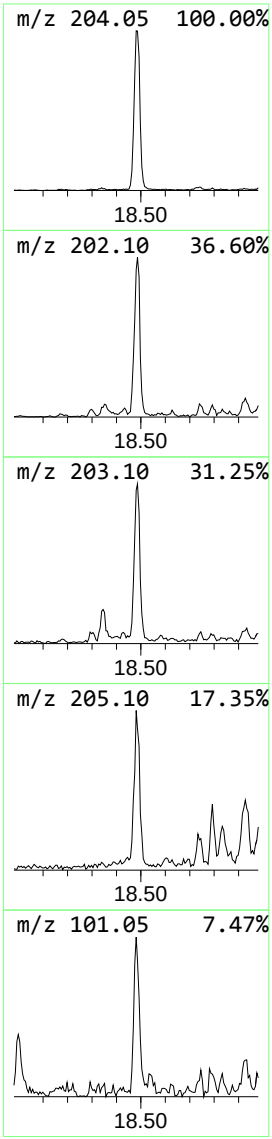
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	2.62 ng/ul	175728	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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

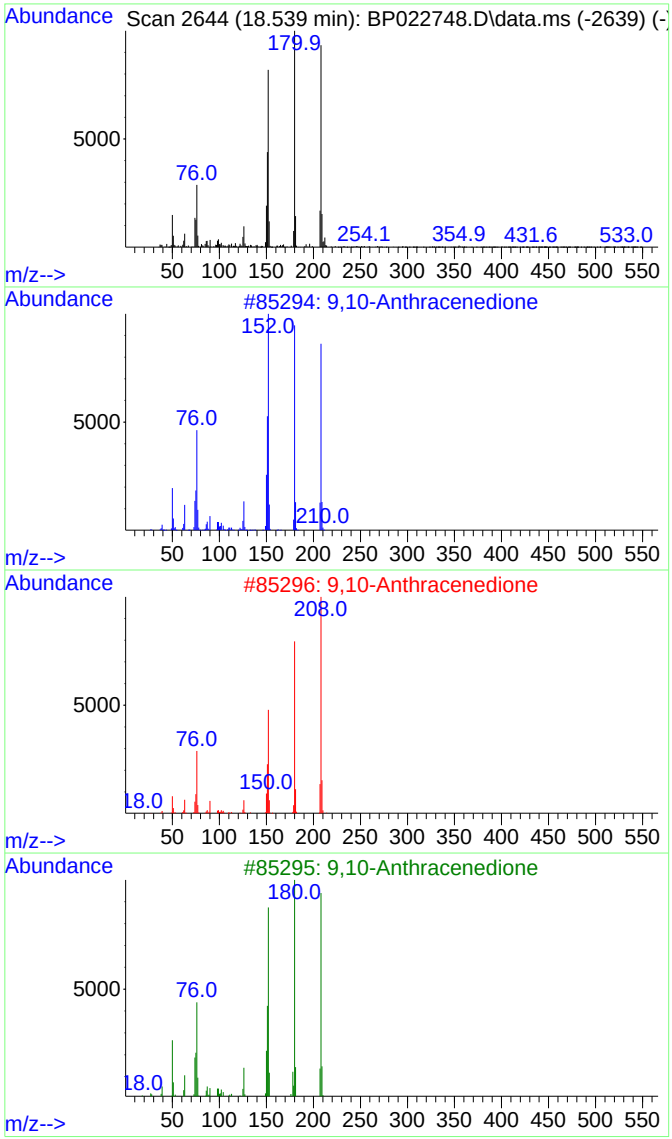
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

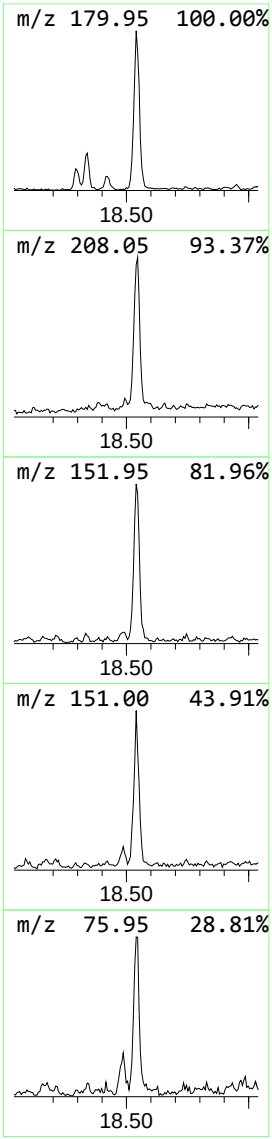
****

Peak Number 13 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	2.32 ng/ul	155430	Phenanthrene-d10	17.057

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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

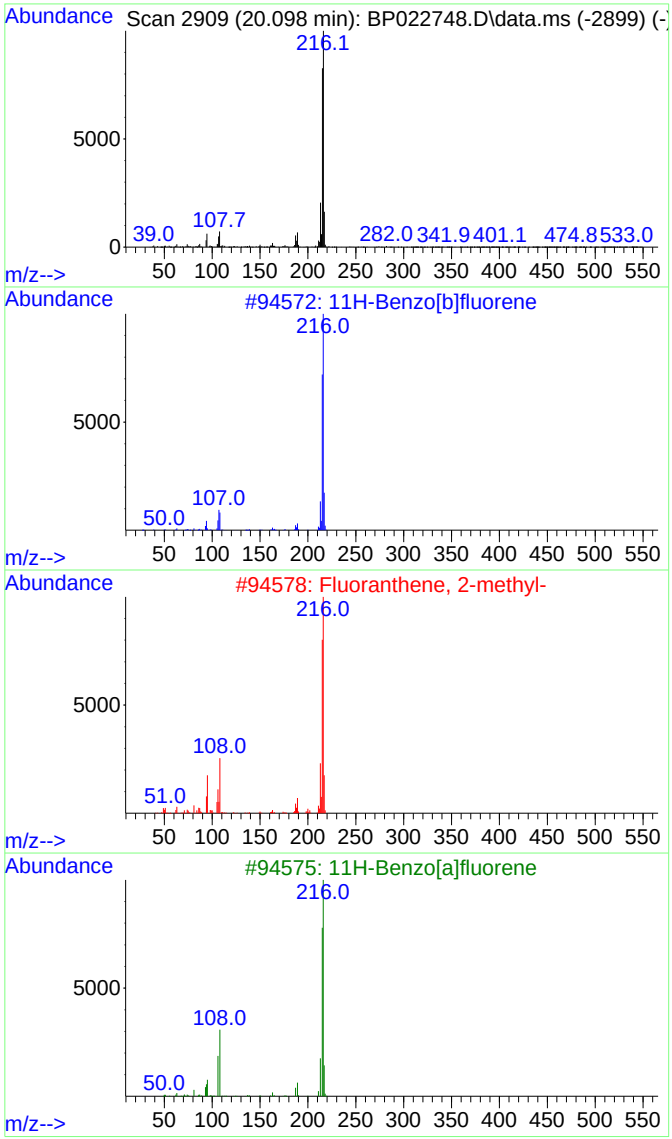
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

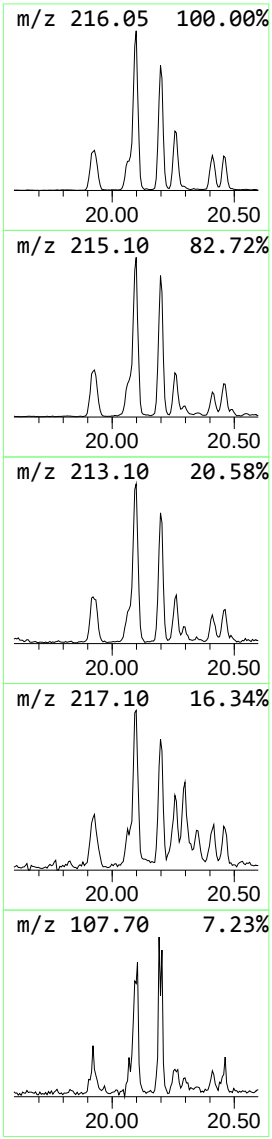
****

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.098	2.94 ng/ul	481444	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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

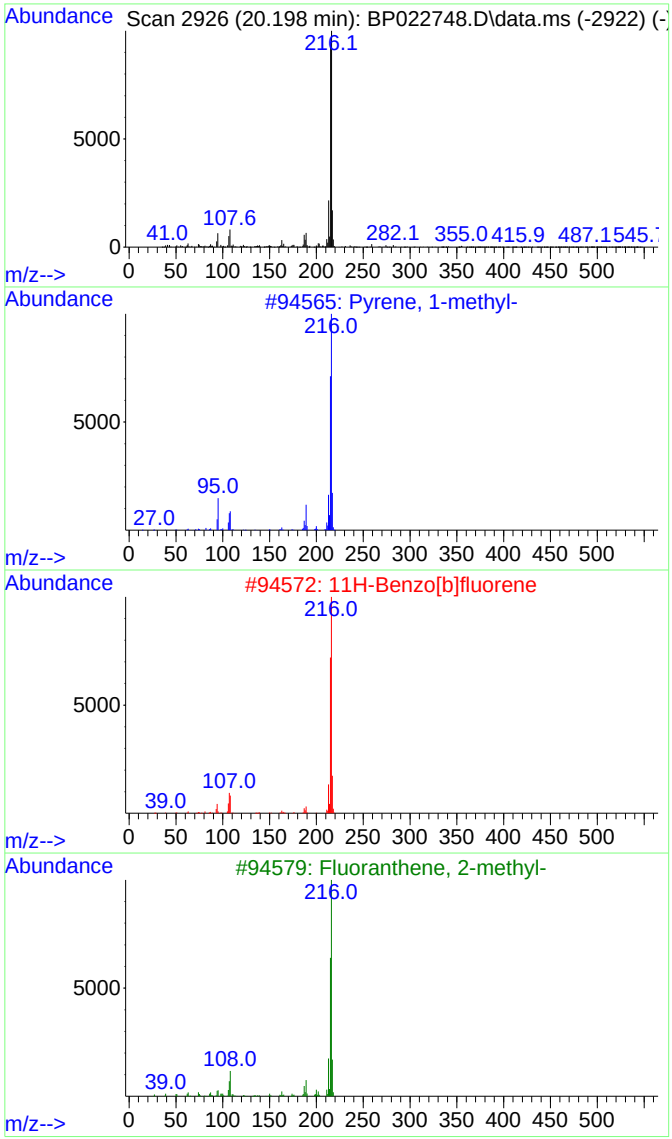
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

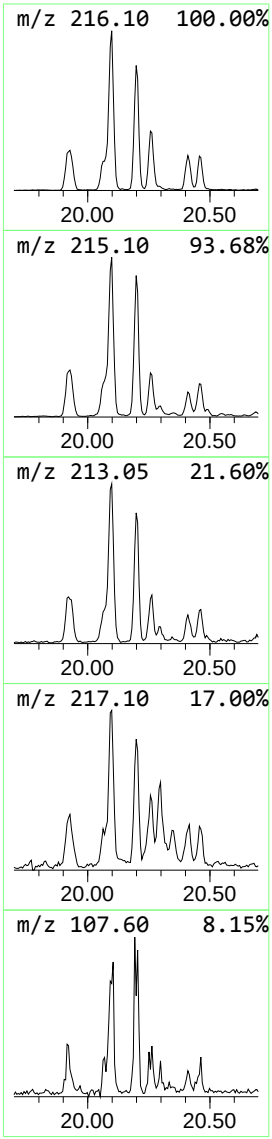
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	2.07 ng/ul	338897	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022748.D
Acq On : 30 Oct 2024 23:14
Operator : RC/JU
Sample : P4493-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F34

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	15.651	5.0	ng/ul	256138	3	14.251	1028370	20.0
Dibenzothiophene	16.875	2.1	ng/ul	139621	4	17.057	1342740	20.0
Phenanthrene, 1...	17.969	3.3	ng/ul	223527	4	17.057	1342740	20.0
1H-Cyclopropa[l...	18.010	6.9	ng/ul	464813	4	17.057	1342740	20.0
5,16[1',2']:8,1...	18.480	2.6	ng/ul	175728	4	17.057	1342740	20.0
9,10-Anthracene...	18.539	2.3	ng/ul	155430	4	17.057	1342740	20.0
11H-Benzo[b]flu...	20.098	2.9	ng/ul	481444	5	21.498	3280710	20.0
Pyrene, 1-methyl-	20.198	2.1	ng/ul	338897	5	21.498	3280710	20.0