LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM048055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	39	43	47	rBV	33227	46591	0.64%	0.052%
2	3.658	110	114	128	rBV	307660	481550	6.58%	0.539%
3	5.775	467	474	484	rBV	83973	140632	1.92%	0.157%
4	6.963	665	676	687	rBV	490494	853345	11.65%	0.954%
5	7.116	695	702	713	rBV	412202	667096	9.11%	0.746%
6	7.322	729	737	747	rBV	540466	895968	12.24%	1.002%
7	7.781	808	815	825	rBV	922393	1519532	20.75%	1.699%
8	8.498	930	937	948	rBV	585540	1011460	13.81%	1.131%
9	8.940	1005	1012	1024	rVV	451190	774733	10.58%	0.866%
10	9.663	1127	1135	1142	rBV	371141	666482	9.10%	0.745%
11	10.204	1219	1227	1239	rBV	617972	1117092	15.25%	1.249%
12	10.575	1282	1290	1297	rBV	1259084	2144206	29.28%	2.398%
13	10.716	1305	1314	1330	rBV	384058	789467	10.78%	0.883%
14	13.745	1823	1829	1833	rBV2	75418	126759	1.73%	0.142%
15	13.827	1833	1843	1848	rVV	1111635	1611331	22.00%	1.802%
16	13.875	1848	1851	1860	rVB	53924	101987	1.39%	0.114%
17	13.980	1864	1869	1873	rBV2	36363	60116	0.82%	0.067%
18	14.116	1881	1892	1907	rBV	1378904	2419834	33.04%	2.706%
19	14.422	1933	1944	1950	rBV	1842146	2766005	37.77%	3.093%
20	14.486	1950	1955	1963	rVB	96164	165348	2.26%	0.185%
21	14.639	1974	1981	1989	rBV2	258176	531961	7.26%	0.595%
22	14.822	2002	2012	2019	rVB	98108	199514	2.72%	0.223%
23	14.898	2019	2025	2030	rVB	72010	103236	1.41%	0.115%
24	15.033	2041	2048	2054	rBV5	59252	150019	2.05%	0.168%
25	15.092	2054	2058	2062	rVB	45346	62014	0.85%	0.069%
26	15.216	2076	2079	2081	rVV3	40978	56286	0.77%	0.063%
27	15.286	2087	2091	2097	rVB2	39848	69837	0.95%	0.078%
28	15.416	2105	2113	2118	rVV	1884223	2767571	37.79%	3.095%
29	15.469	2118	2122	2129	rVV	187994	327902	4.48%	0.367%
30	15.539	2129	2134	2141	rVV	172536	296157	4.04%	0.331%
31	15.592	2141	2143	2146	rVV3	42596	50293	0.69%	0.056%
32	15.633	2146	2150	2153	rVV4	38439	63915	0.87%	0.071%
33	15.674	2153	2157	2162	rVB2	65389	103772	1.42%	0.116%
34	15.774	2167	2174	2182	rVB2	423010	672310	9.18%	0.752%
35	15.910	2194	2197	2204	rVB2	64667	120951	1.65%	0.135%
36	16.145	2229	2237	2242	rVB7	59707	132487	1.81%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4F00

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

37	16.280	2255	2260	2263	rBV3	29024	45290	0.62%	0.051%
38	16.398	2275	2280	2284	rBV4	33258	51436	0.70%	0.058%
39	16.468	2285	2292	2297	rVV2	93246	213637	2.92%	0.239%
40	16.515	2297	2300	2306	rVV3	102632	154439	2.11%	0.173%
41	16.621	2314	2318	2323	rVB2	55917	80686	1.10%	0.090%
42	16.698	2323	2331	2335	rBV4	68523	142508	1.95%	0.159%
43	16.739	2335	2338	2342	rVB2	41028	50489	0.69%	0.056%
44	16.821	2348	2352	2359	rVB3	46853	89983	1.23%	0.101%
45	16.892	2361	2364	2372	rVV3	41409	98569	1.35%	0.110%
46	16.980	2375	2379	2385	rVB	140686	198418	2.71%	0.222%
47	17.039	2386	2389	2392	rBV2	54398	63796	0.87%	0.071%
48	17.074	2392	2395	2400	rVB	71128	92748	1.27%	0.104%
49	17.163	2404	2410	2414	rBV	2257453	3404585	46.49%	3.807%
50	17.204	2414	2417	2422	rVV	2335589	3217303	43.94%	3.598%
51	17.263	2422	2427	2430	rVV	2191162	3202141	43.73%	3.581%
52	17.292	2430	2432	2437	rVV	648792	883506	12.07%	0.988%
53	17.339	2437	2440	2448	rVB5	108465	225524	3.08%	0.252%
54	17.439	2453	2457	2461	rBV4	28062	46817	0.64%	0.052%
55	17.568	2475	2479	2482	rBV	66767	90408	1.23%	0.101%
56	17.610	2483	2486	2490	rVV3	46838	62203	0.85%	0.070%
57	17.680	2495	2498	2502	rVB	68923	83343	1.14%	0.093%
58	17.745	2504	2509	2510	rBV	181466	221441	3.02%	0.248%
59	17.886	2528	2533	2540	rVB3	109098	203806	2.78%	0.228%
60	18.057	2551	2562	2564	rBV2	560894	1314261	17.95%	1.470%
61	18.086	2564	2567	2572	rVV	604494	853897	11.66%	0.955%
62	18.168	2576	2581	2586	rVV	236729	364312	4.98%	0.407%
63	18.233	2586	2592	2596	rVV2	803269	1459824	19.94%	1.632%
64	18.268	2596	2598	2605	rVB2	327638	486394	6.64%	0.544%
65	18.339	2606	2610	2614	rBV4	68605	109309	1.49%	0.122%
66	18.539	2636	2644	2647	rBV	324840	550886	7.52%	0.616%
67	18.657	2661	2664	2667	rBV2	51847	64819	0.89%	0.072%
68	18.692	2667	2670	2673	rVB2	57119	65845	0.90%	0.074%
69	18.786	2683	2686	2690	rVB	98471	119356	1.63%	0.133%
70	18.833	2691	2694	2697	rVV	101572	117849	1.61%	0.132%
71	18.874	2698	2701	2704	rVB	79035	97541	1.33%	0.109%
72	18.957	2710	2715	2719	rBV	248483	452107	6.17%	0.506%
73	19.021	2720	2726	2728	rVV3	171569	369706	5.05%	0.413%
74	19.051	2728	2731	2734	rVV2	151228	185007	2.53%	0.207%
75	19.092	2734	2738	2747	rVV4	175530	383778	5.24%	0.429%
76	19.215	2754	2759	2766	rVB	4043490	5569913	76.06%	6.229%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

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_M\Methods\SFAM-EPA-BM092724.MA.M
Title : SVOA CALIBRATION

77	19.280	2767	2770	2773	rBV	86601	110290	1.51%	0.123%
78	19.327	2774	2778	2781	rBV4	117034	187671	2.56%	0.210%
79	19.462	2797	2801	2810	rVB2	160327	312834	4.27%	0.350%
80	19.551	2811	2816	2819	rVV2	3478459	5448825	74.41%	6.093%
81	19.580	2819	2821	2829	rVV	3630096	4399718	60.08%	4.920%
82	19.651	2830	2833	2840	rVB2	159972	262737	3.59%	0.294%
83	19.756	2848	2851	2856	rVB	173057	202047	2.76%	0.226%
84	19.904	2871	2876	2882	rBV3	252451	606351	8.28%	0.678%
85	20.074	2901	2905	2910	rVB2	785112	1084381	14.81%	1.213%
86	20.174	2918	2922	2926	rBV2	647164	845415	11.54%	0.945%
87	20.233	2929	2932	2935	rVB	316400	400625	5.47%	0.448%
88	20.374	2952	2956	2959	rBV	214611	271718	3.71%	0.304%
89	20.415	2960	2963	2967	rVB	248743	318383	4.35%	0.356%
90	20.998	3059	3062	3065	rVB	211680	251468	3.43%	0.281%
91	21.068	3065	3074	3081	rBV5	542536	1634747	22.32%	1.828%
92	21.292	3109	3112	3116	rVB	281165	334541	4.57%	0.374%
93	21.392	3121	3129	3133	rVV3	3080907	7322845	100.00%	8.189%
94	21.433	3133	3136	3148	rVB	1461977	2312183	31.57%	2.586%
95	21.580	3157	3161	3168	rVB2	397074	589561	8.05%	0.659%
96	23.444	3472	3478	3485	rBV	930729	2699070	36.86%	3.018%
97	24.115	3588	3592	3597	rVV	381419	714222	9.75%	0.799%
98	24.186	3598	3604	3610	rVV	1472874	3538662	48.32%	3.957%
99	24.250	3611	3615	3626	rVB	1027549	2277037	31.09%	2.546%
100	24.391	3632	3639	3647	rBV	1554818	3742995	51.11%	4.186%

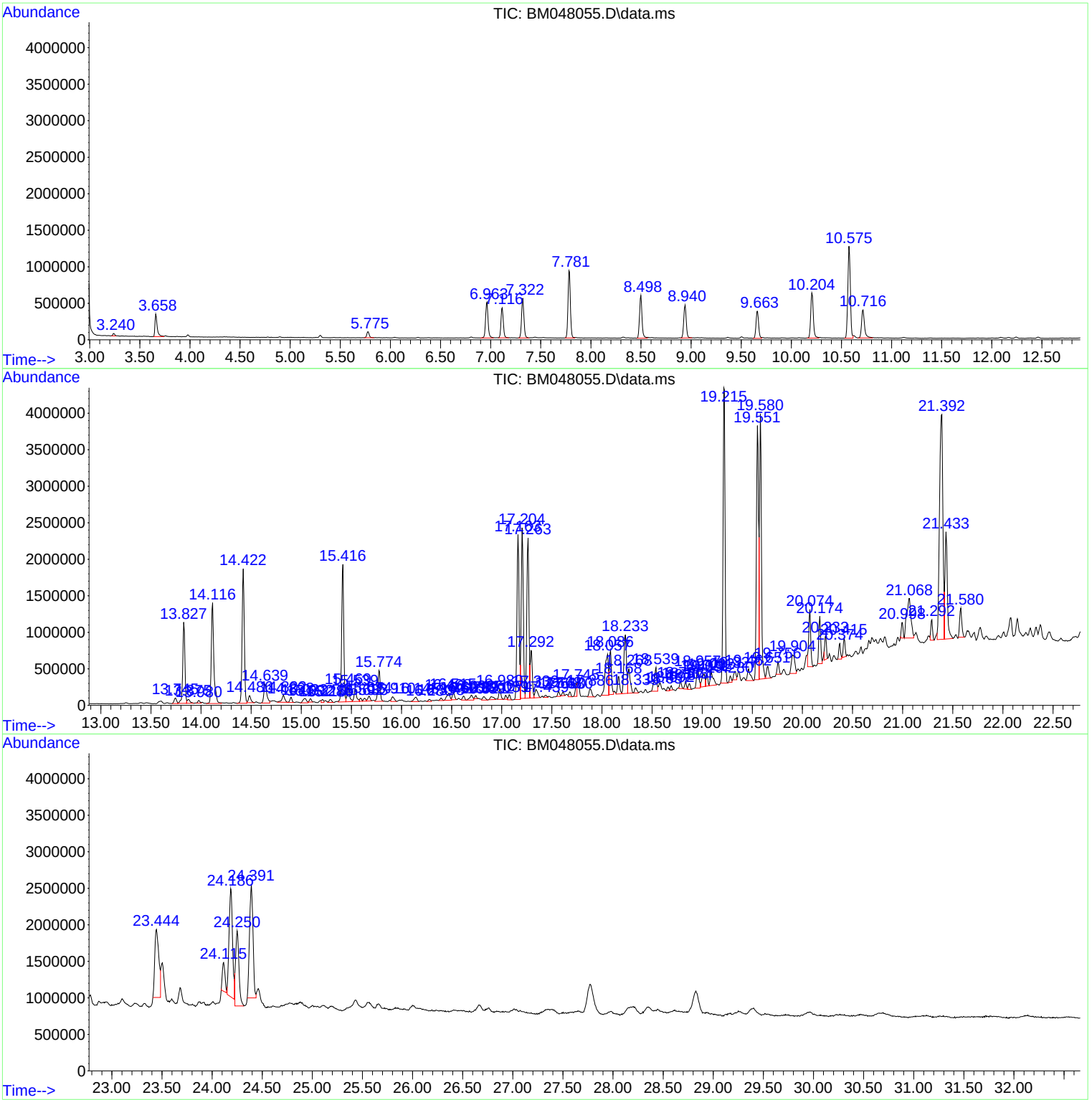
Sum of corrected areas: 89423965

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

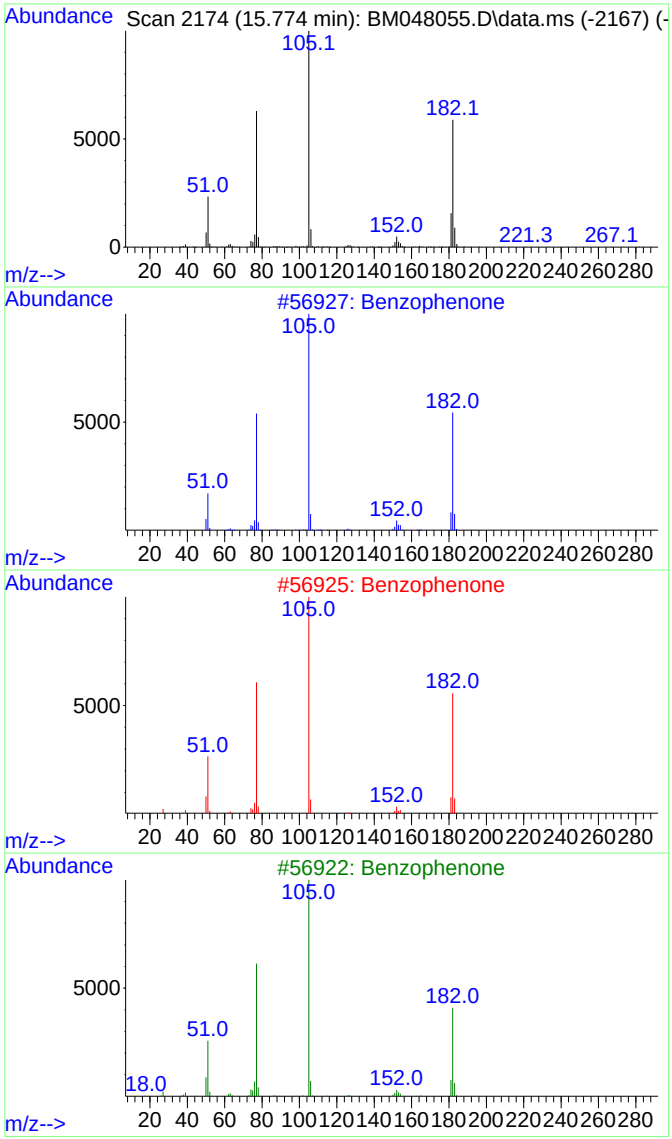
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

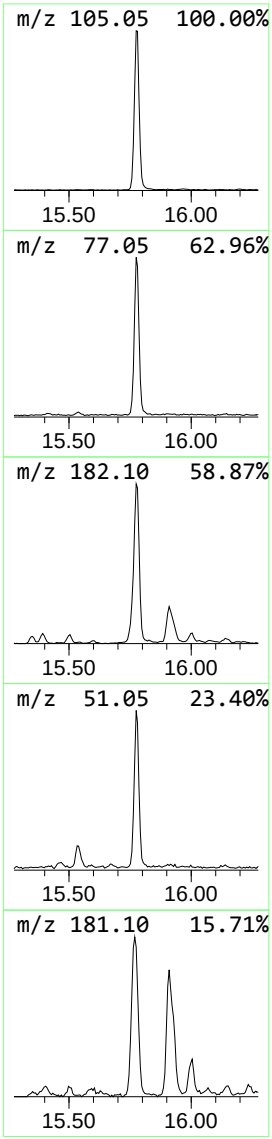
****

Peak Number 1 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.774	4.86 ng/ul	672310	Acenaphthene-d10	14.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Benzophenone	182	C13H10O	000119-61-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

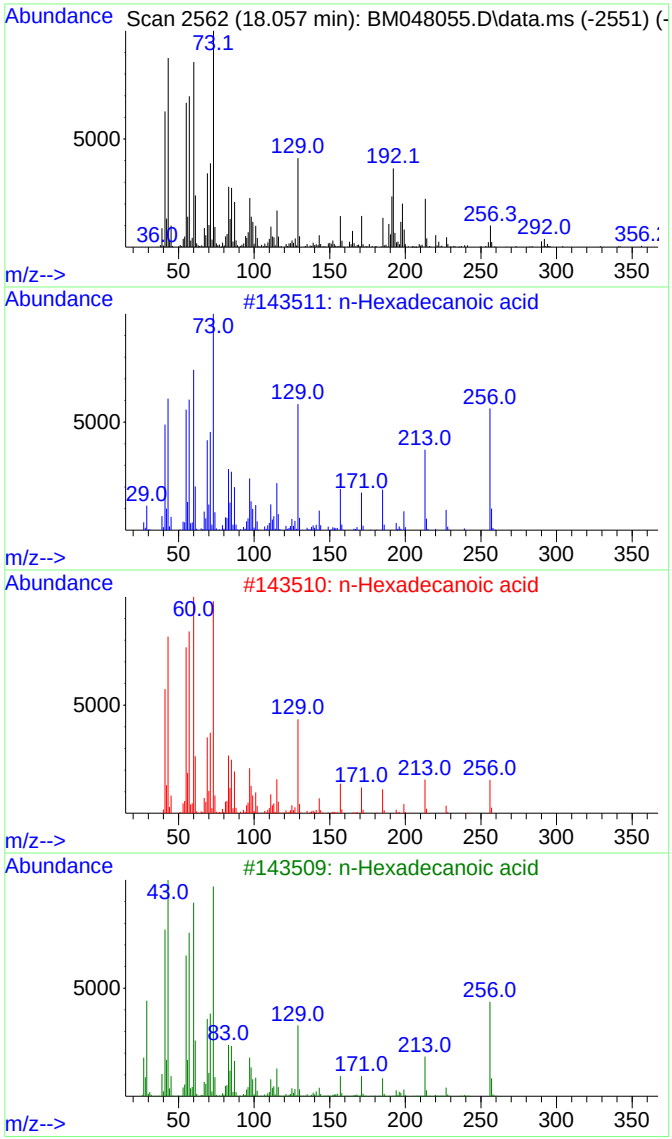
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

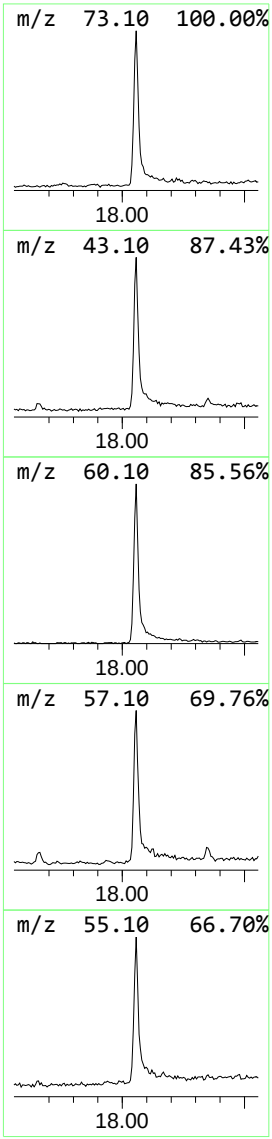
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	7.72 ng/ul	1314260	Phenanthrene-d10	17.163

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	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

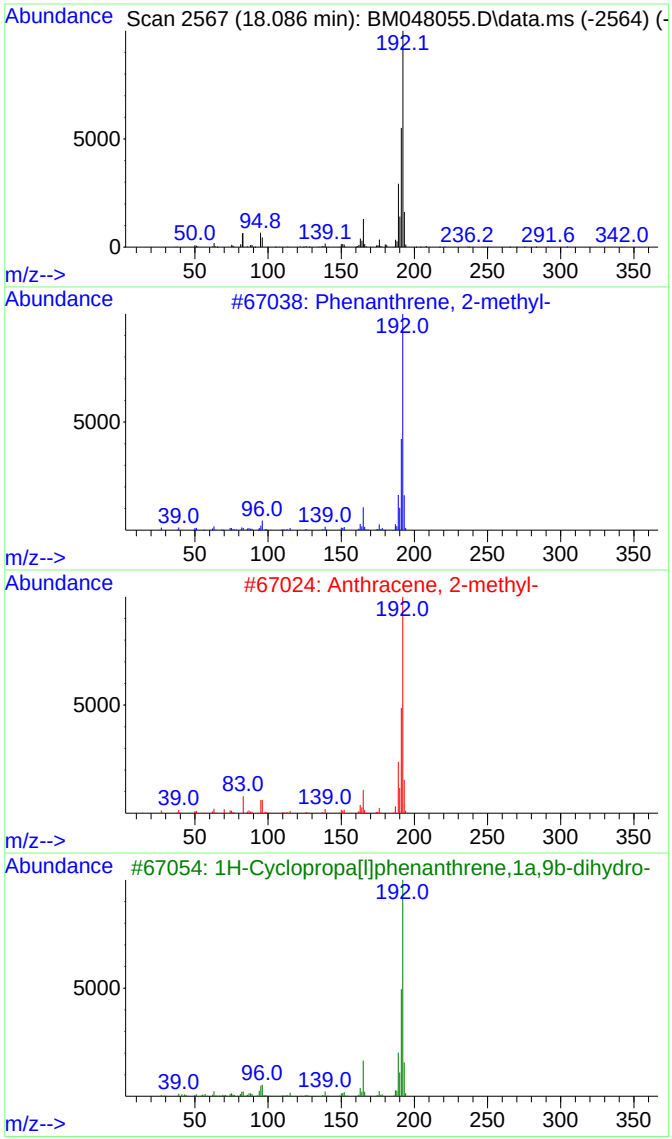
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

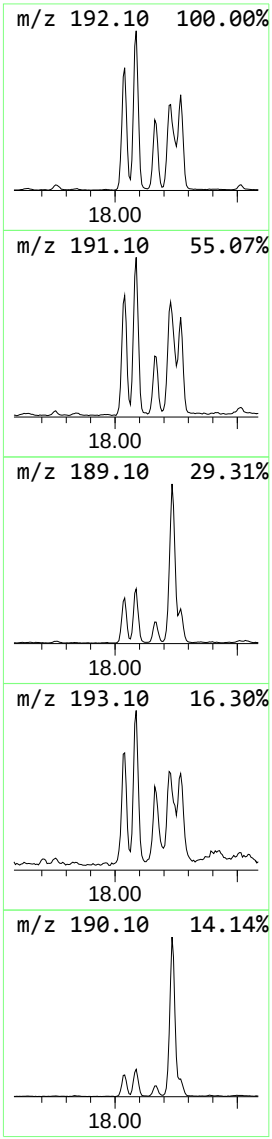
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	5.02 ng/ul	853897	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

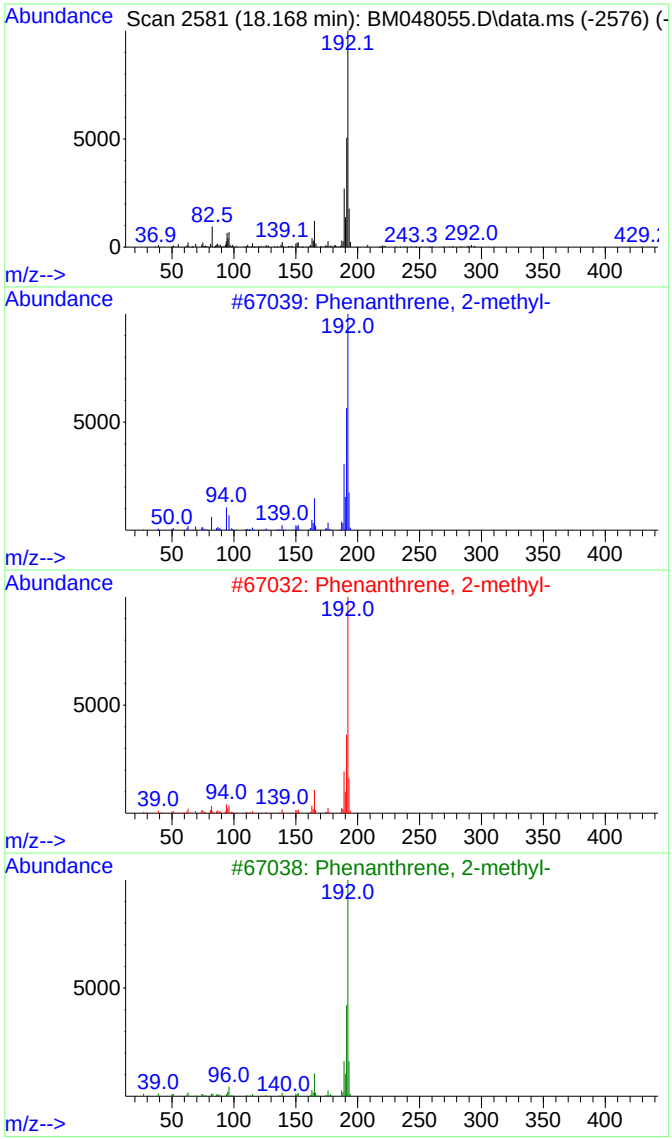
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

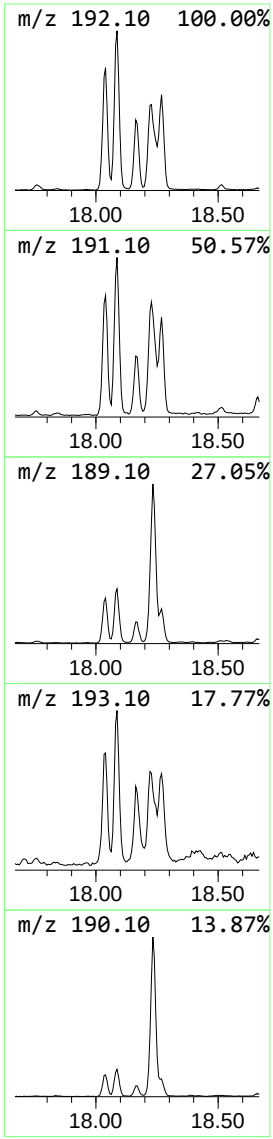
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	2.14 ng/ul	364312	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

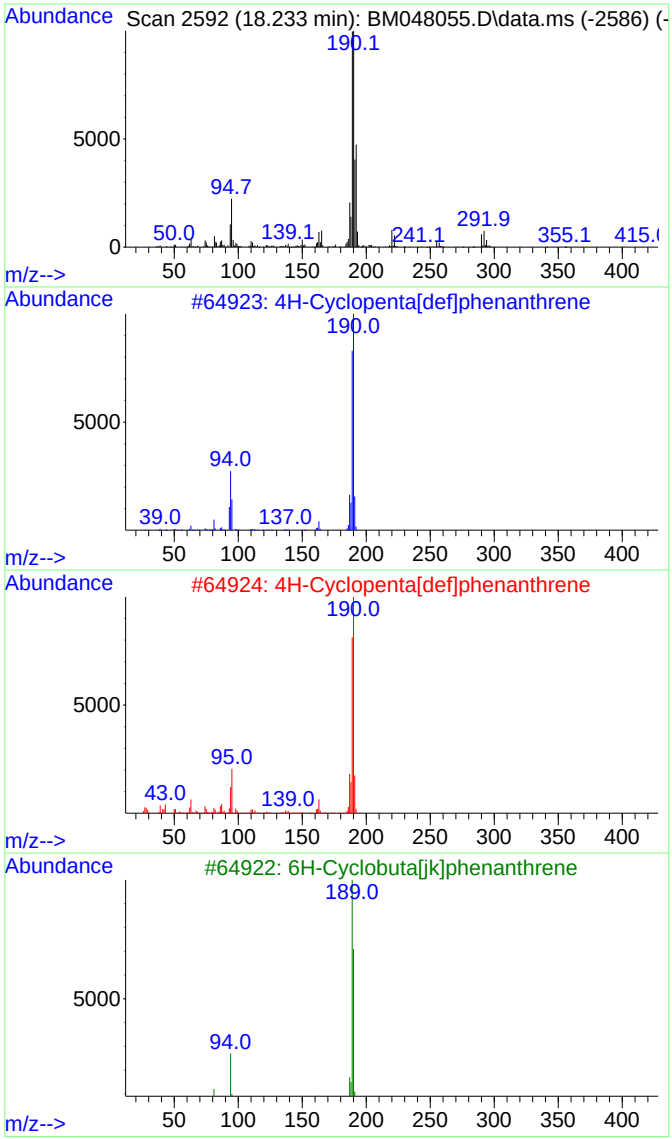
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

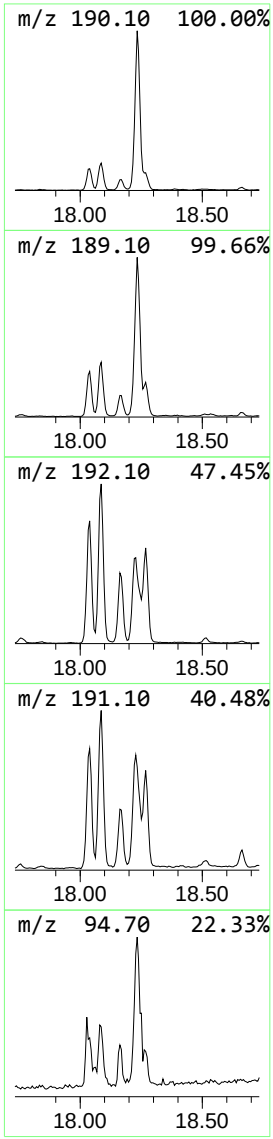
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	8.58 ng/ul	1459820	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

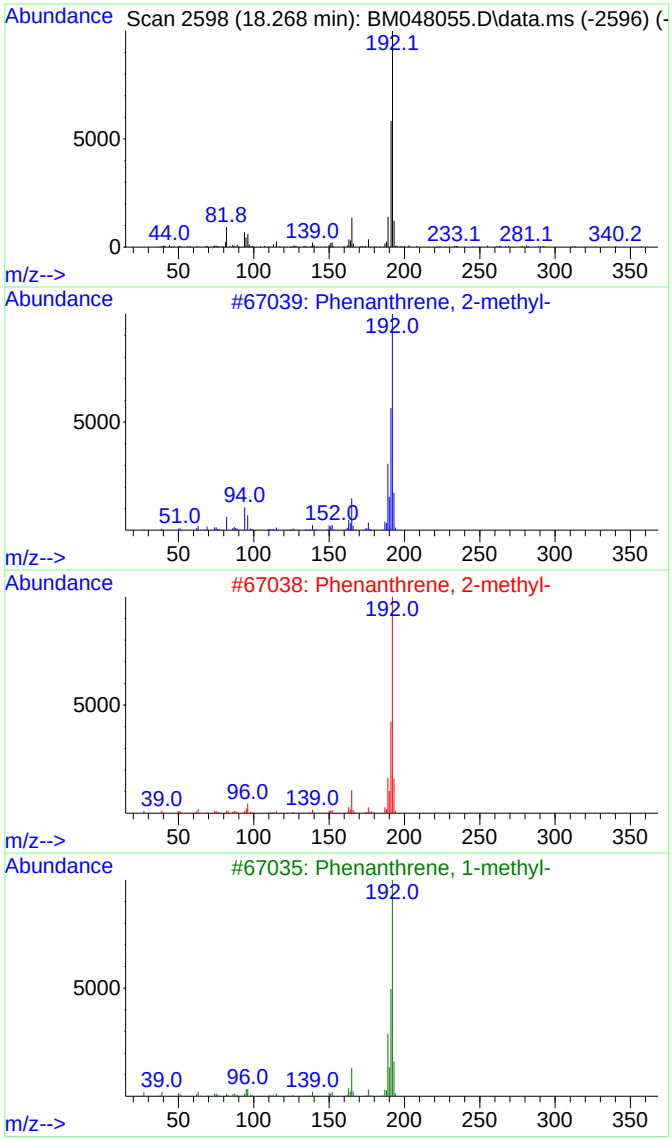
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

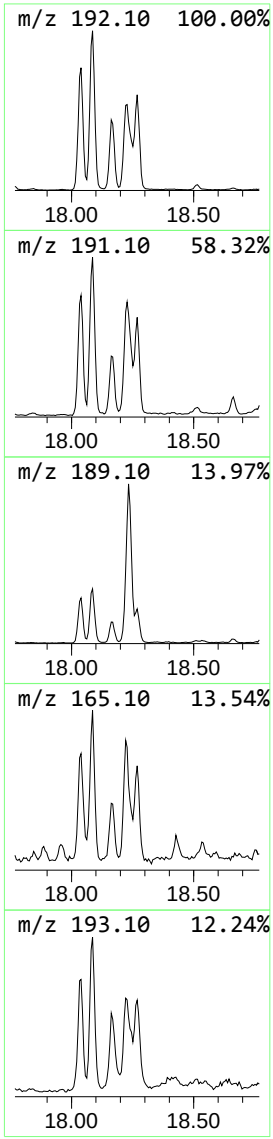
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	2.86 ng/ul	486394	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

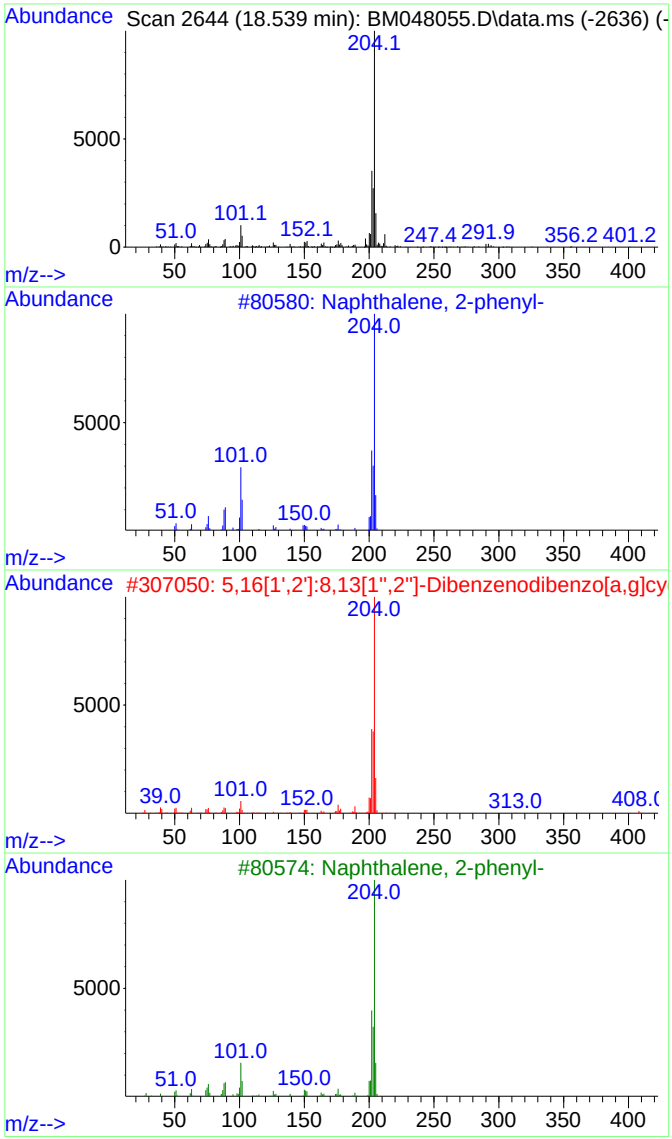
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

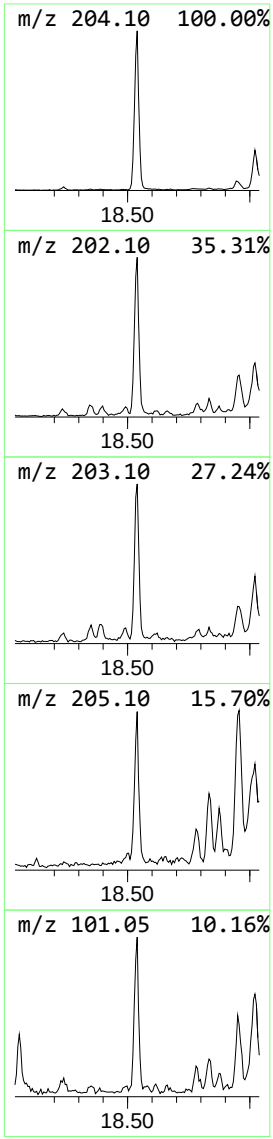
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	3.24 ng/ul	550886	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
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	70





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Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

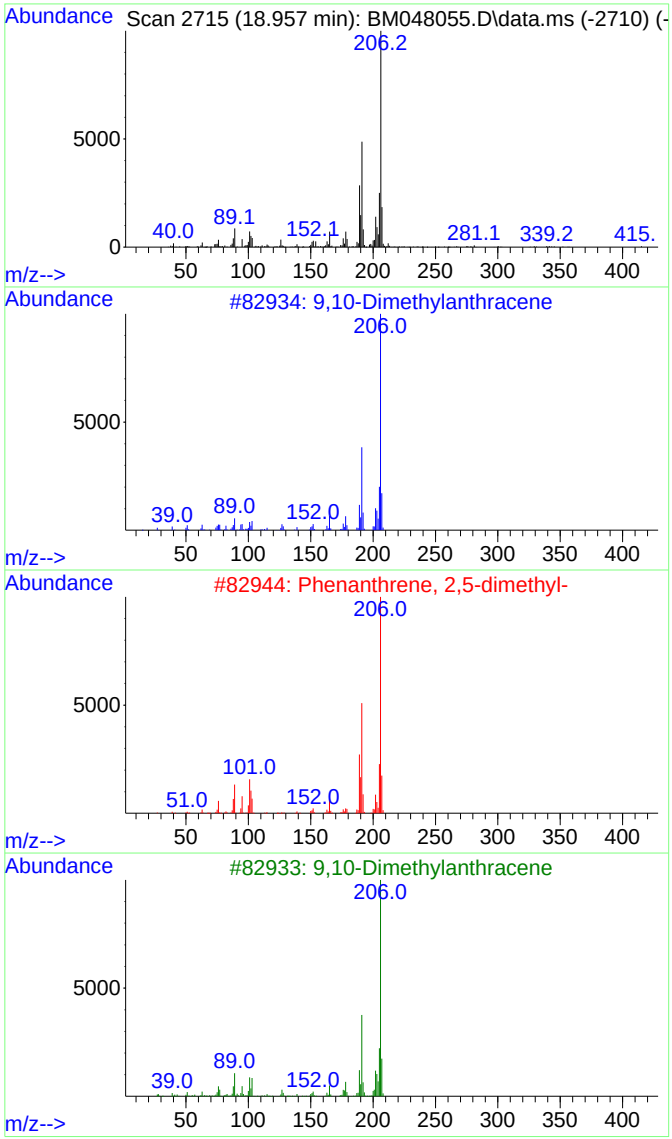
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

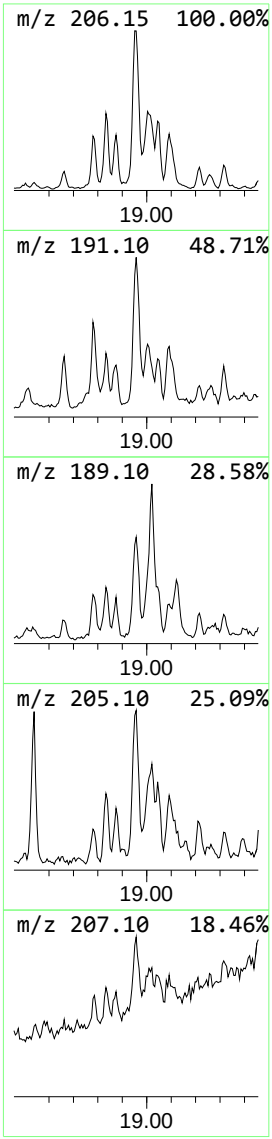
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.956	2.66 ng/ul	452107	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	98
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

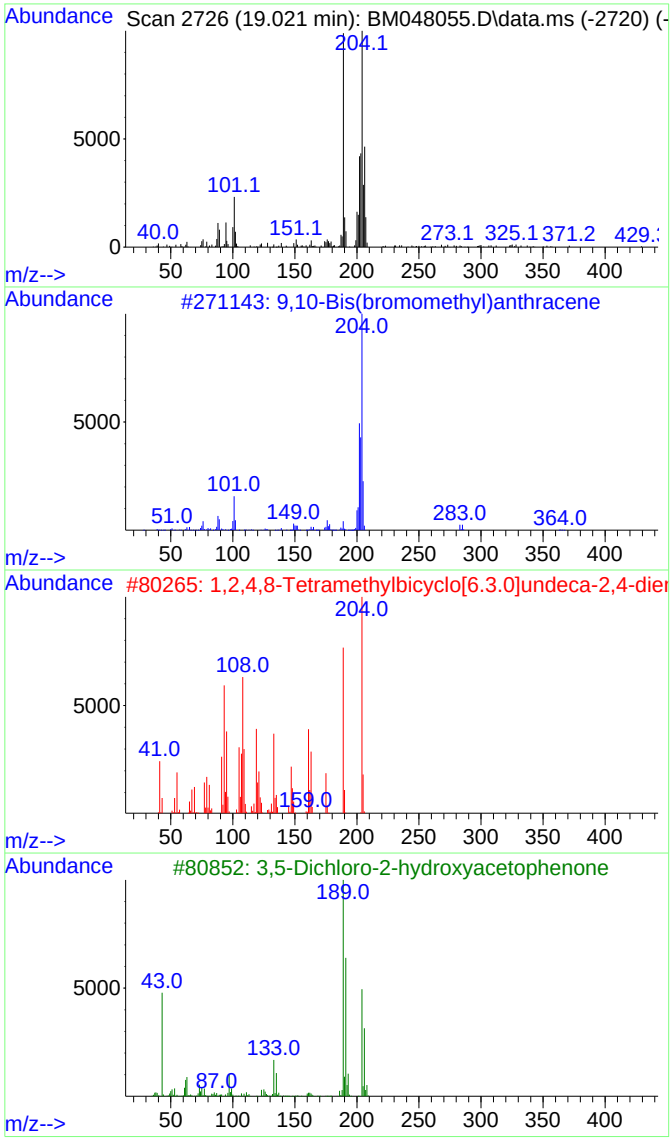
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

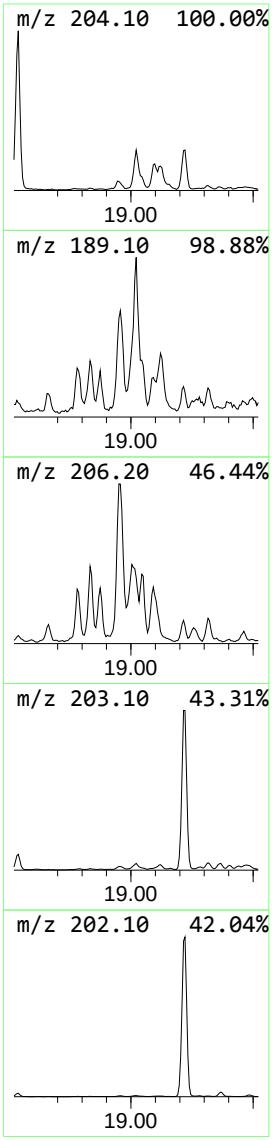
****

Peak Number 9 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	2.17 ng/ul	369706	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	43
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
5	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	38





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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

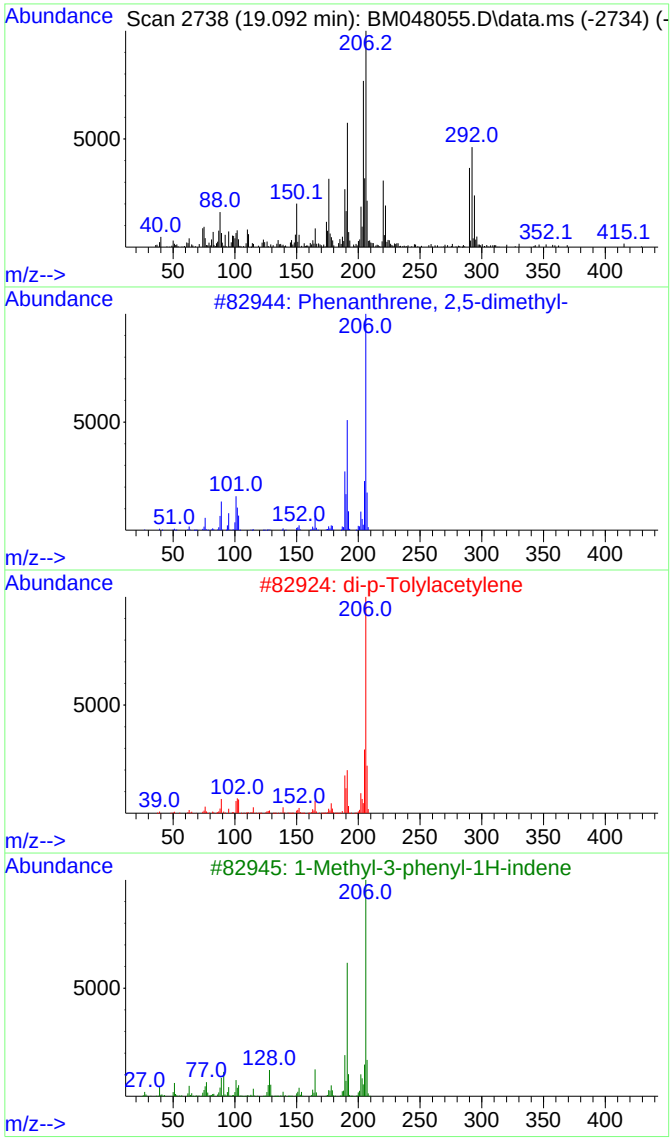
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

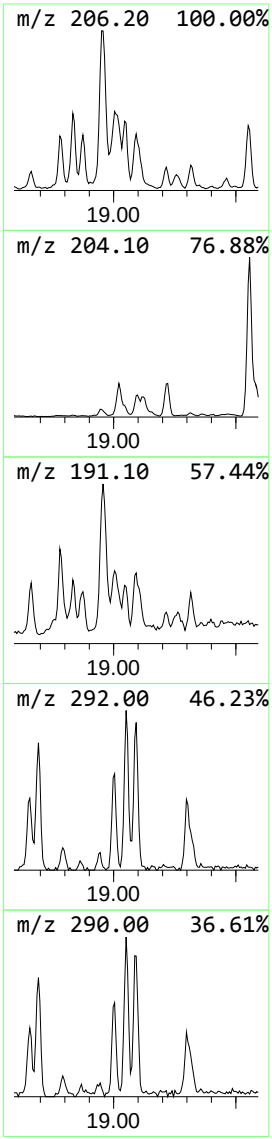
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.092	2.25 ng/ul	383778	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	59
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	42
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	41
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

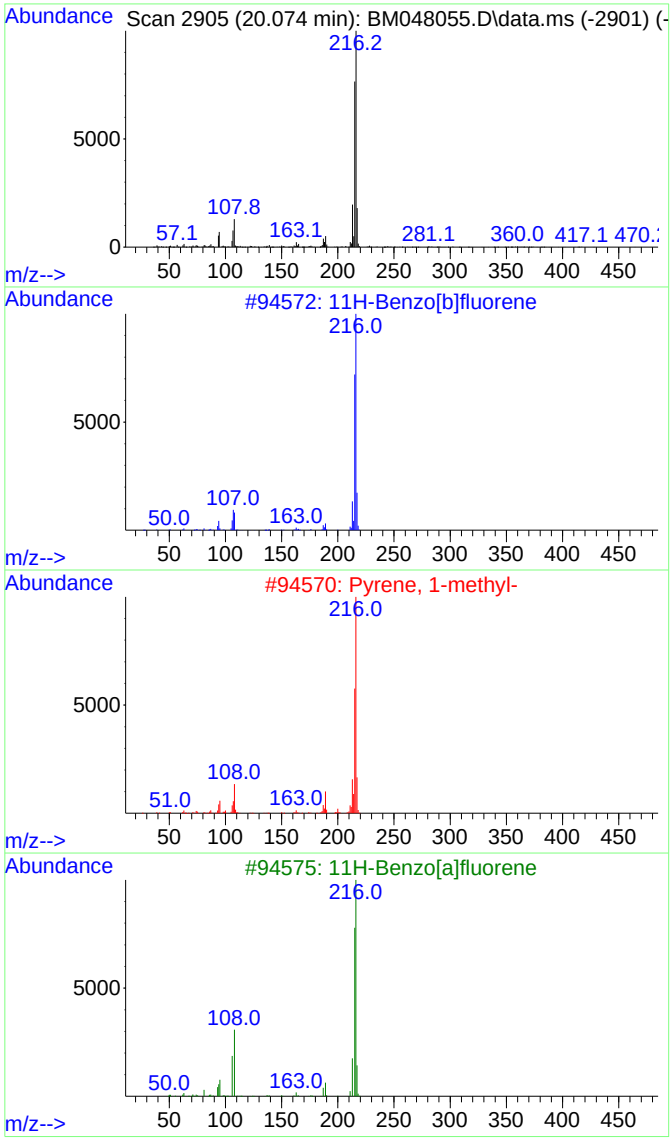
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

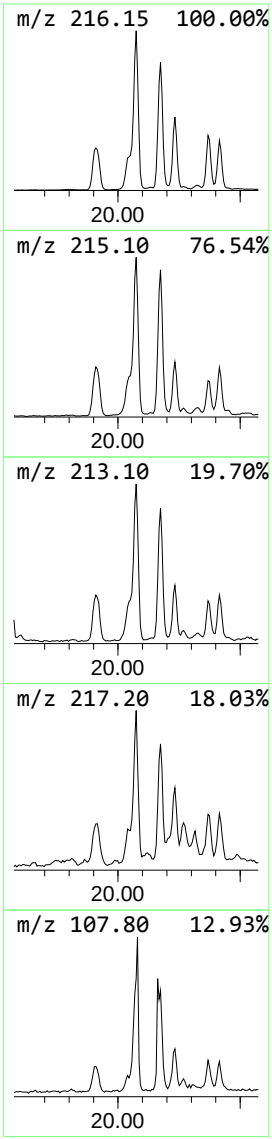
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.074	2.96 ng/ul	1084380	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

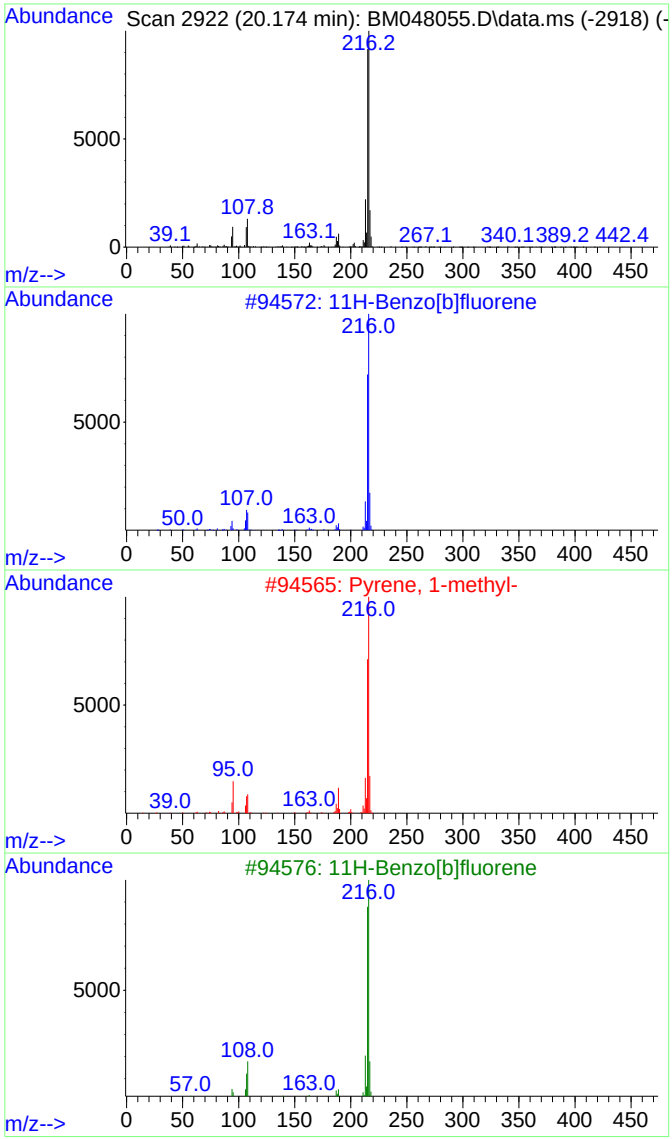
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

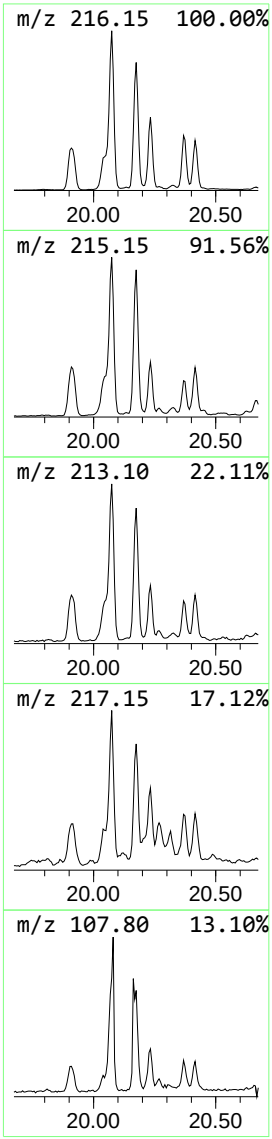
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.31 ng/ul	845415	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

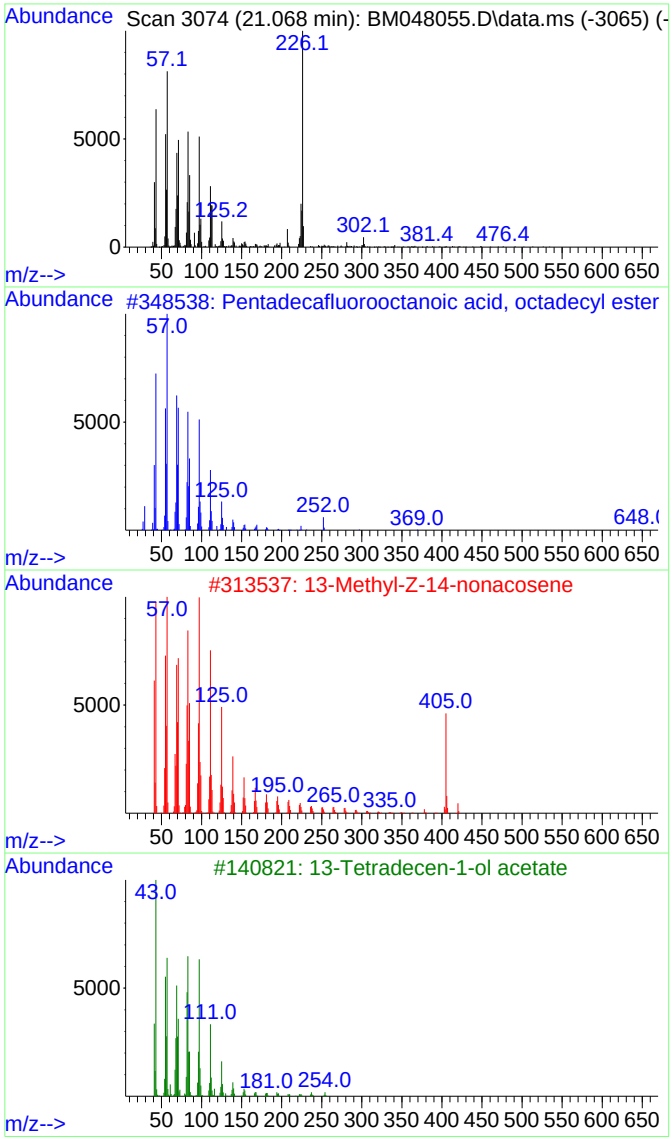
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

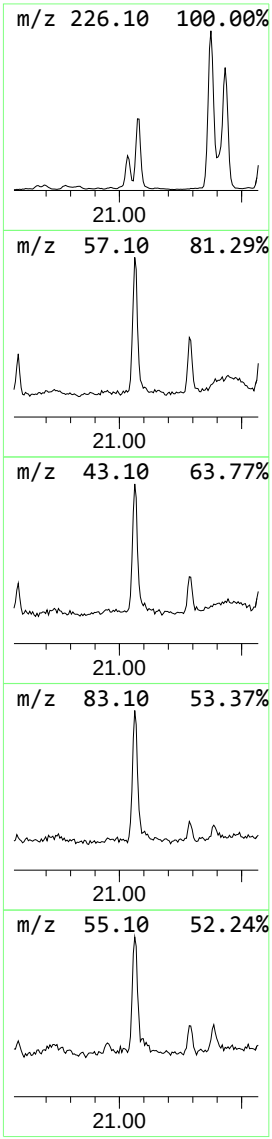
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pentadecafluorooctanoic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	4.46 ng/ul	1634750	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	89
2	13-Methyl-Z-14-nonacosene	420	C30H60	1010131-19-0	66
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	50
4	Trihexadecyl borate	735	C48H99BO3	002665-11-4	49
5	Octadecyl propyl ether	312	C21H44O	1000406-28-0	46





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Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION

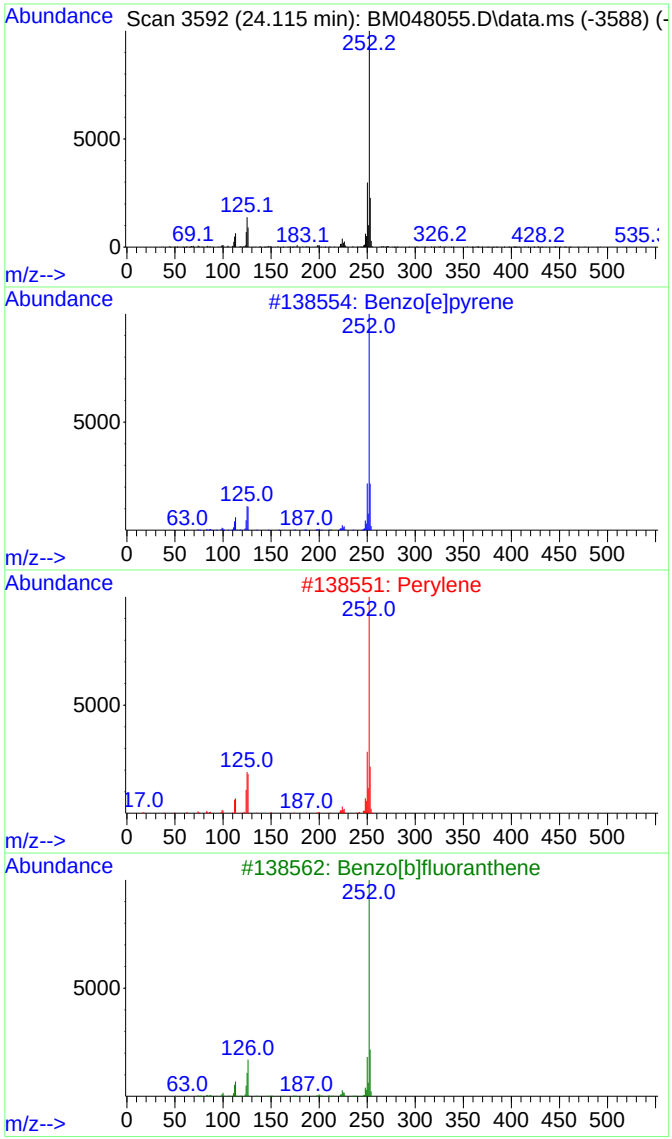
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

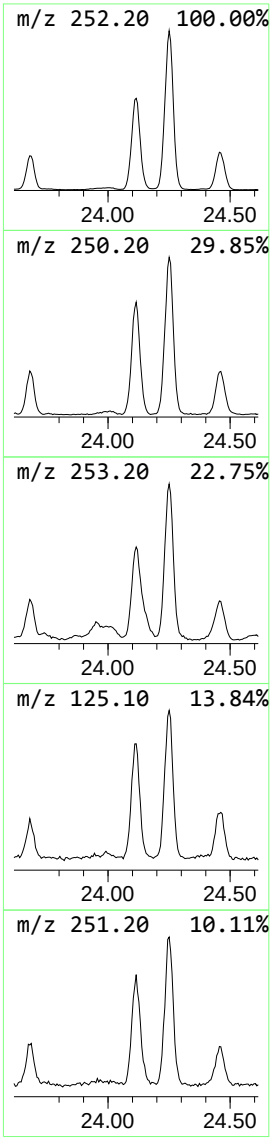
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.115	3.82 ng/ul	714222	Perylene-d12	24.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048055.D
Acq On : 15 Oct 2024 09:23
Operator : RC/JU
Sample : P4238-16
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4F00

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.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	15.774	4.9	ng/ul	672310	3	14.422	2766010	20.0
n-Hexadecanoic ...	18.057	7.7	ng/ul	1314260	4	17.163	3404590	20.0
Phenanthrene, 2...	18.086	5.0	ng/ul	853897	4	17.163	3404590	20.0
1H-Cyclopropa[l...	18.168	2.1	ng/ul	364312	4	17.163	3404590	20.0
4H-Cyclopenta[d...	18.233	8.6	ng/ul	1459820	4	17.163	3404590	20.0
Phenanthrene, 1...	18.268	2.9	ng/ul	486394	4	17.163	3404590	20.0
Naphthalene, 2-...	18.539	3.2	ng/ul	550886	4	17.163	3404590	20.0
9,10-Dimethylan...	18.956	2.7	ng/ul	452107	4	17.163	3404590	20.0
unknown-01	19.021	2.2	ng/ul	369706	4	17.163	3404590	20.0
Phenanthrene, 2...	19.092	2.3	ng/ul	383778	4	17.163	3404590	20.0
11H-Benzo[b]flu...	20.074	3.0	ng/ul	1084380	5	21.392	7322850	20.0
Pyrene, 1-methyl-	20.174	2.3	ng/ul	845415	5	21.392	7322850	20.0
Pentadecafluoro...	21.068	4.5	ng/ul	1634750	5	21.392	7322850	20.0
Benzo[e]pyrene	24.115	3.8	ng/ul	714222	6	24.392	3743000	20.0