LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

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-BM011325.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM049413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.528	89	92	102	rVB3	22222	43379	0.46%	0.052%
2	6.716	624	634	647	rVB2	113863	267239	2.83%	0.319%
3	6.869	655	660	667	rVB	108682	166230	1.76%	0.198%
4	7.057	687	692	704	rVB	130054	219765	2.33%	0.262%
5	7.516	763	770	779	rBV	944044	1447305	15.32%	1.727%
6	8.051	855	861	866	rBV	35971	65159	0.69%	0.078%
7	8.234	886	892	900	rBV	124729	220146	2.33%	0.263%
8	8.334	903	909	919	rVB	129543	226575	2.40%	0.270%
9	8.663	959	965	977	rBV	108458	191923	2.03%	0.229%
10	9.375	1079	1086	1095	rBV	67703	126159	1.34%	0.151%
11	9.916	1172	1178	1187	rBV	108943	210926	2.23%	0.252%
12	10.280	1232	1240	1245	rBV	1072971	1802115	19.07%	2.151%
13	10.328	1245	1248	1255	rVV	92582	146529	1.55%	0.175%
14	10.433	1257	1266	1275	rBV5	24947	62346	0.66%	0.074%
15	11.804	1493	1499	1504	rBV2	20578	44037	0.47%	0.053%
16	11.951	1517	1524	1531	rBV	35160	62775	0.66%	0.075%
17	13.580	1795	1801	1812	rVV	220260	349933	3.70%	0.418%
18	13.845	1840	1846	1849	rBV	252168	413535	4.38%	0.494%
19	13.874	1849	1851	1864	rVB	191644	262466	2.78%	0.313%
20	14.157	1892	1899	1907	rVV	1539763	2207175	23.36%	2.634%
21	14.563	1963	1968	1977	rVB	51740	91491	0.97%	0.109%
22	15.157	2062	2069	2074	rBV	315734	460072	4.87%	0.549%
23	15.215	2074	2079	2084	rVV	61615	99011	1.05%	0.118%
24	15.286	2086	2091	2098	rVV3	36602	57704	0.61%	0.069%
25	15.533	2124	2133	2141	rVV2	147055	269657	2.85%	0.322%
26	15.657	2151	2154	2163	rVB	22813	48294	0.51%	0.058%
27	15.892	2188	2194	2198	rBV4	45274	97576	1.03%	0.116%
28	15.933	2198	2201	2209	rVB2	38451	58366	0.62%	0.070%
29	16.098	2222	2229	2240	rBV5	29796	58869	0.62%	0.070%
30	16.221	2240	2250	2256	rBV5	18511	65190	0.69%	0.078%
31	16.492	2292	2296	2301	rVB2	29066	42948	0.45%	0.051%
32	16.568	2304	2309	2318	rVB	96280	157621	1.67%	0.188%
33	16.698	2327	2331	2334	rBV4	27697	42217	0.45%	0.050%
34	16.827	2349	2353	2357	rBV	44928	58013	0.61%	0.069%
35	16.909	2361	2367	2371	rBV	1779960	2451946	25.95%	2.926%
36	16.951	2371	2374	2379	rVV	528215	673205	7.12%	0.803%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

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-BM011325.MA.M
Title : SVOA CALIBRATION

37	17.004	2379	2383	2386	rVV	322402	504638	5.34%	0.602%
38	17.039	2386	2389	2395	rVV	1042529	1425183	15.08%	1.701%
39	17.104	2395	2400	2411	rVB	154711	246091	2.60%	0.294%
40	17.315	2426	2436	2441	rBV	410675	664328	7.03%	0.793%
41	17.439	2452	2457	2461	rVB3	50676	78153	0.83%	0.093%
42	17.492	2462	2466	2470	rBV4	29746	45638	0.48%	0.054%
43	17.574	2475	2480	2486	rBV7	28984	55634	0.59%	0.066%
44	17.786	2511	2516	2520	rBV2	82697	123306	1.31%	0.147%
45	17.833	2520	2524	2532	rVB	197119	276621	2.93%	0.330%
46	17.915	2533	2538	2542	rBV	151981	216349	2.29%	0.258%
47	17.980	2543	2549	2554	rBV2	317645	605911	6.41%	0.723%
48	18.092	2564	2568	2572	rBV2	55796	94163	1.00%	0.112%
49	18.133	2572	2575	2579	rVV2	59069	81695	0.86%	0.098%
50	18.180	2580	2583	2588	rVB3	73833	107058	1.13%	0.128%
51	18.262	2594	2597	2599	rBV3	53694	60890	0.64%	0.073%
52	18.292	2599	2602	2605	rVV	95598	108164	1.14%	0.129%
53	18.333	2605	2609	2615	rVB	268064	363680	3.85%	0.434%
54	18.392	2616	2619	2621	rBV2	42705	59914	0.63%	0.072%
55	18.545	2637	2645	2649	rBV4	98860	202389	2.14%	0.242%
56	18.592	2650	2653	2656	rVV	76795	96918	1.03%	0.116%
57	18.627	2656	2659	2663	rVB2	93709	126321	1.34%	0.151%
58	18.715	2670	2674	2679	rBV2	166155	258749	2.74%	0.309%
59	18.774	2680	2684	2688	rBV4	93254	151094	1.60%	0.180%
60	18.851	2693	2697	2706	rBV3	141061	290391	3.07%	0.347%
61	18.980	2713	2719	2725	rVB	4661668	6095223	64.51%	7.275%
62	19.045	2726	2730	2734	rBV2	274389	390186	4.13%	0.466%
63	19.127	2740	2744	2748	rVB2	161991	211306	2.24%	0.252%
64	19.180	2749	2753	2756	rBV3	81568	136743	1.45%	0.163%
65	19.315	2771	2776	2777	rBV	966289	1256398	13.30%	1.500%
66	19.339	2777	2780	2785	rVB	2895087	3837810	40.62%	4.581%
67	19.415	2790	2793	2800	rVB2	204591	363611	3.85%	0.434%
68	19.527	2808	2812	2817	rBV	206150	318078	3.37%	0.380%
69	19.674	2832	2837	2844	rBV3	463939	976705	10.34%	1.166%
70	19.809	2855	2860	2862	rBV2	482550	815829	8.63%	0.974%
71	19.845	2863	2866	2871	rVB	967710	1231763	13.04%	1.470%
72	19.945	2879	2883	2887	rBV	662176	825671	8.74%	0.985%
73	19.998	2887	2892	2897	rVV3	692285	1177644	12.46%	1.406%
74	20.086	2904	2907	2912	rVB	149528	190745	2.02%	0.228%
75	20.145	2913	2917	2920	rBV	297505	387150	4.10%	0.462%
76	20.186	2920	2924	2929	rBV3	238260	446154	4.72%	0.532%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

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-BM011325.MA.M
Title : SVOA CALIBRATION

77	20.403	2958	2961	2964	rBV3	158501	285866	3.03%	0.341%
78	20.509	2977	2979	2983	rVB3	142231	151175	1.60%	0.180%
79	20.556	2984	2987	2990	rVV3	152499	235534	2.49%	0.281%
80	20.597	2990	2994	3000	rVB	788828	1131641	11.98%	1.351%
81	20.762	3016	3022	3025	rBV3	899604	1354329	14.33%	1.616%
82	20.803	3025	3029	3032	rVV	792041	1009844	10.69%	1.205%
83	20.839	3032	3035	3041	rVV2	643209	1057732	11.19%	1.262%
84	20.897	3041	3045	3050	rVB2	571391	790477	8.37%	0.943%
85	21.133	3074	3085	3090	rBV3	3433159	9245113	97.85%	11.034%
86	21.180	3090	3093	3101	rVB	3932798	5850549	61.92%	6.983%
87	21.492	3142	3146	3153	rBV2	241375	446700	4.73%	0.533%
88	21.562	3154	3158	3162	rVV2	222564	313342	3.32%	0.374%
89	21.786	3189	3196	3201	rVB	521788	1043498	11.04%	1.245%
90	21.850	3202	3207	3215	rVV2	477949	851479	9.01%	1.016%
91	22.021	3232	3236	3240	rBV2	356457	571228	6.05%	0.682%
92	22.062	3240	3243	3251	rVB	286701	470397	4.98%	0.561%
93	22.868	3377	3380	3387	rVB2	252575	458014	4.85%	0.547%
94	23.056	3403	3412	3418	rBV	3611793	9448591	100.00%	11.277%
95	23.268	3444	3448	3456	rVB	308078	546483	5.78%	0.652%
96	23.668	3510	3516	3522	rBV	467096	959124	10.15%	1.145%
97	23.791	3531	3537	3550	rVB2	416499	1092425	11.56%	1.304%
98	23.921	3551	3559	3571	rBV	1366712	3500265	37.05%	4.178%
99	26.997	4076	4082	4101	rVB2	326158	1494101	15.81%	1.783%
100	27.591	4175	4183	4197	rVB3	927484	3305721	34.99%	3.945%

Sum of corrected areas: 83785819

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
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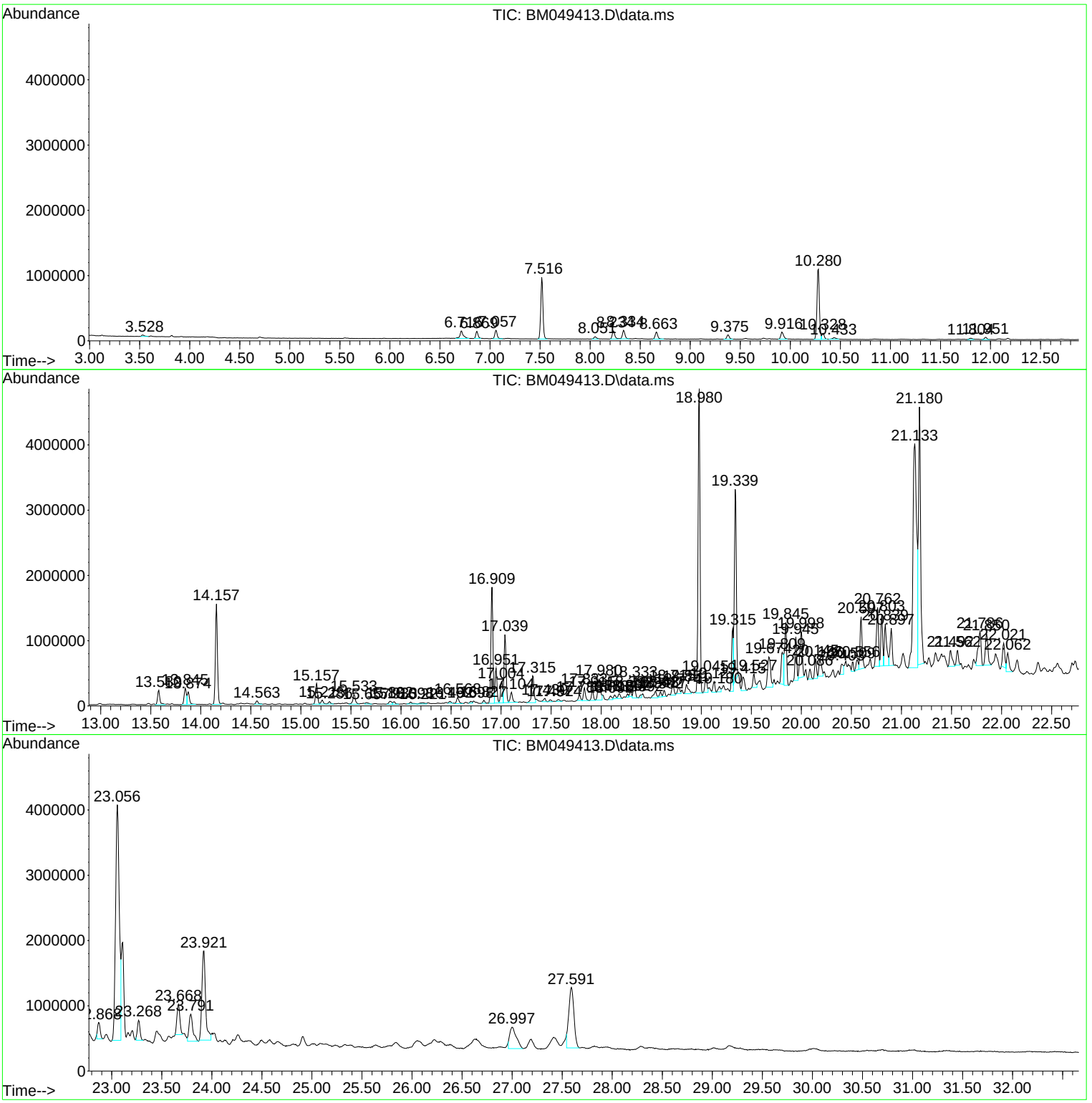
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

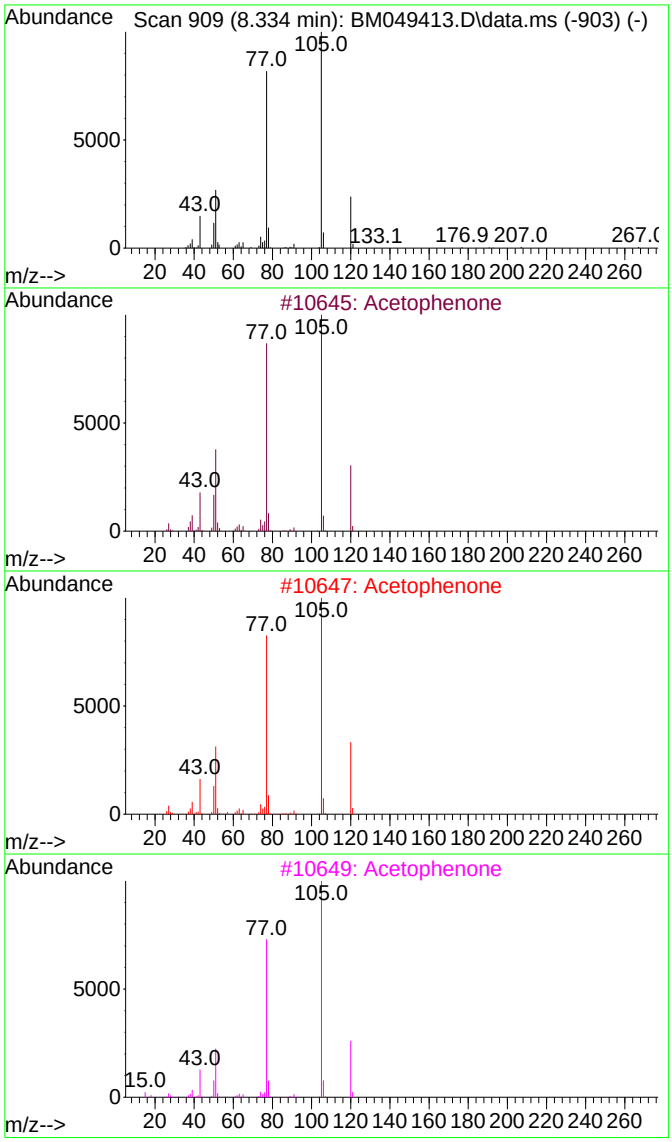
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

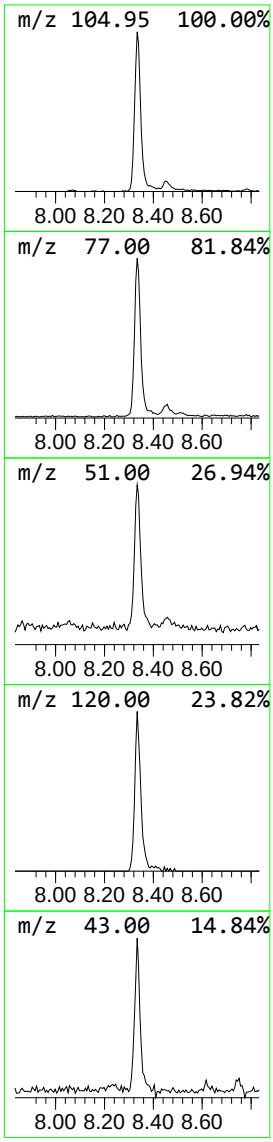
****

Peak Number 1 Aceto phenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	3.13 ng/ul	226575	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	97
2	Acetophenone	120	C8H8O	000098-86-2	94
3	Acetophenone	120	C8H8O	000098-86-2	94
4	Acetophenone	120	C8H8O	000098-86-2	91
5	Acetophenone	120	C8H8O	000098-86-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

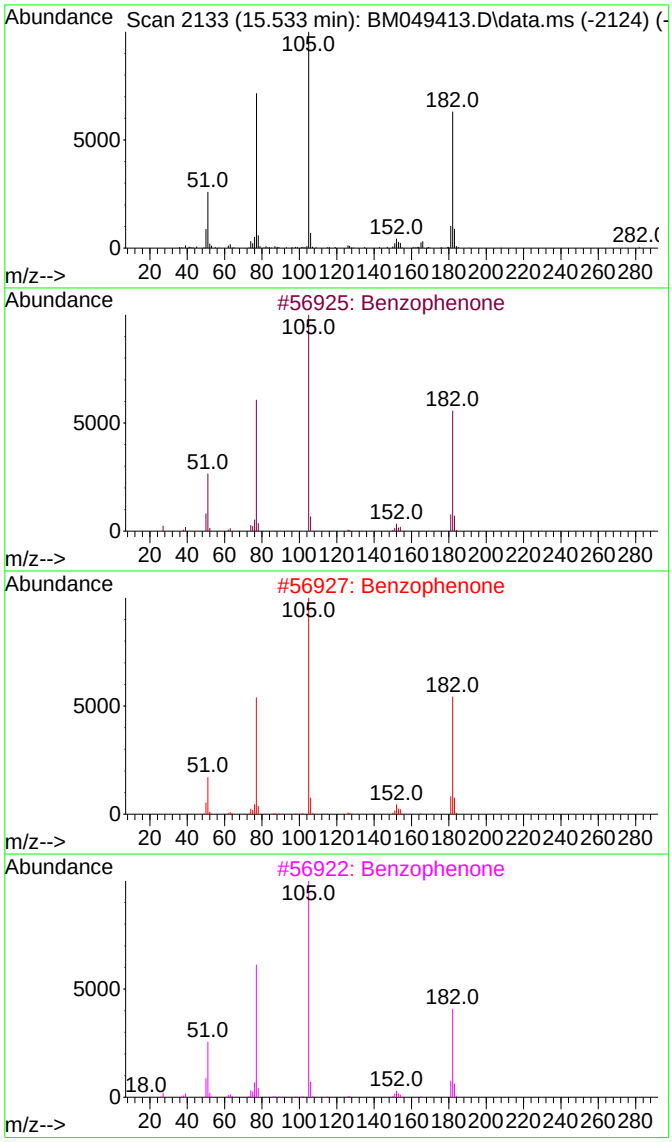
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

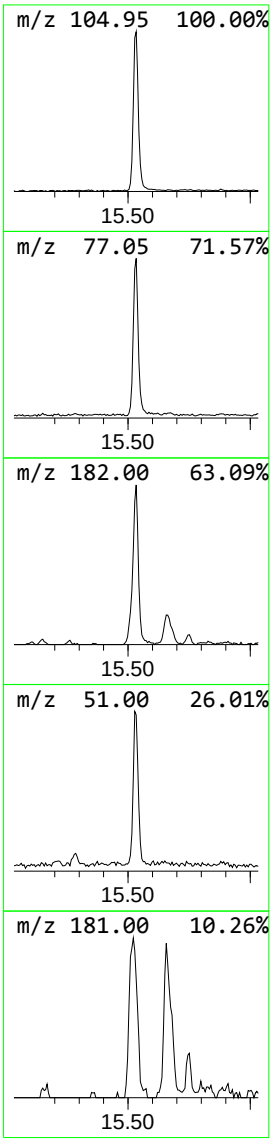
****

Peak Number 2 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	2.20 ng/ul	269657	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	81
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

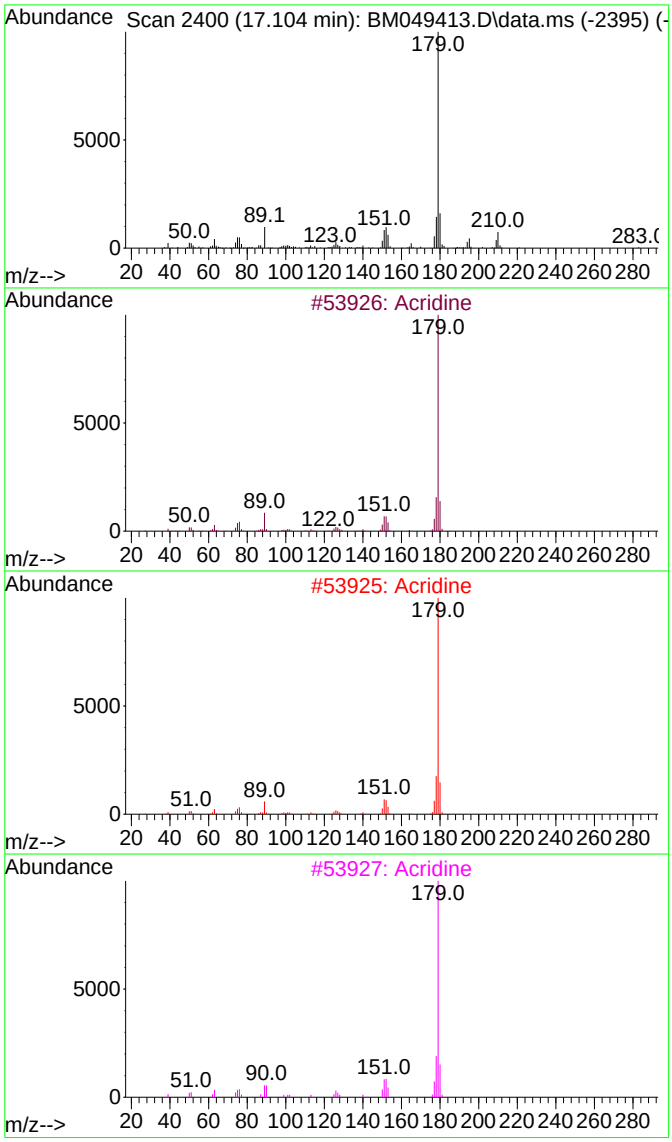
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

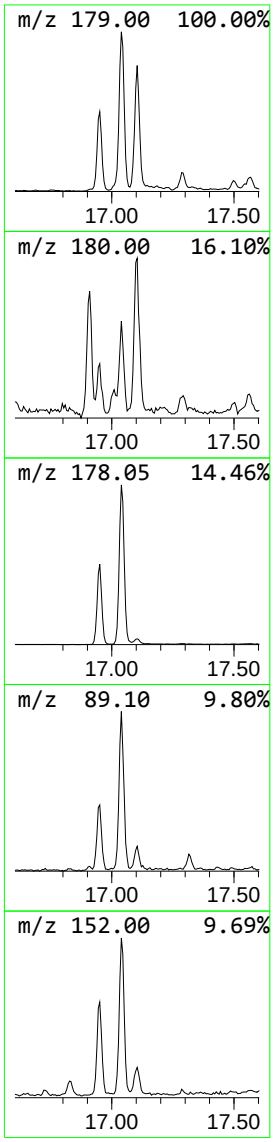
****

Peak Number 3 Acridine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	2.01 ng/ul	246091	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	96
2	Acridine	179	C13H9N	000260-94-6	93
3	Acridine	179	C13H9N	000260-94-6	93
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	90
5	Phenanthridine	179	C13H9N	000229-87-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

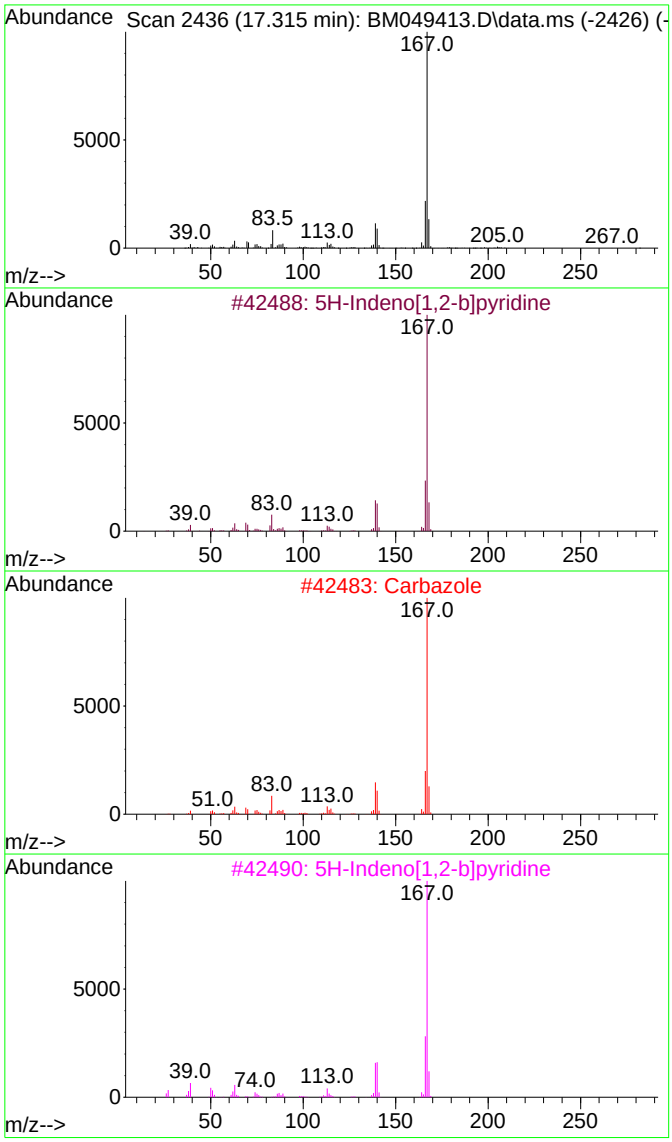
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

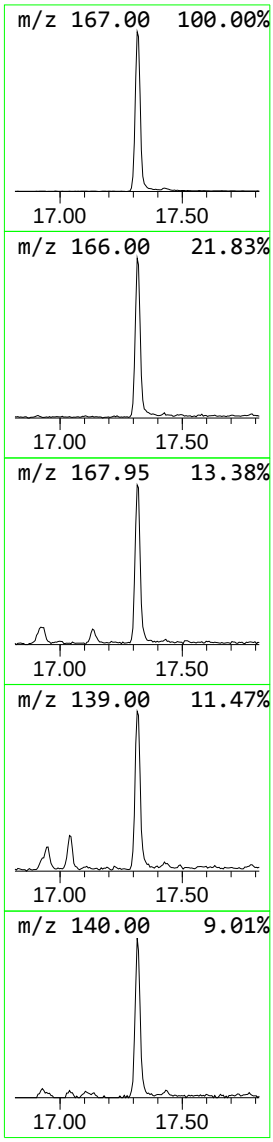
****

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	5.42 ng/ul	664328	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	94
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

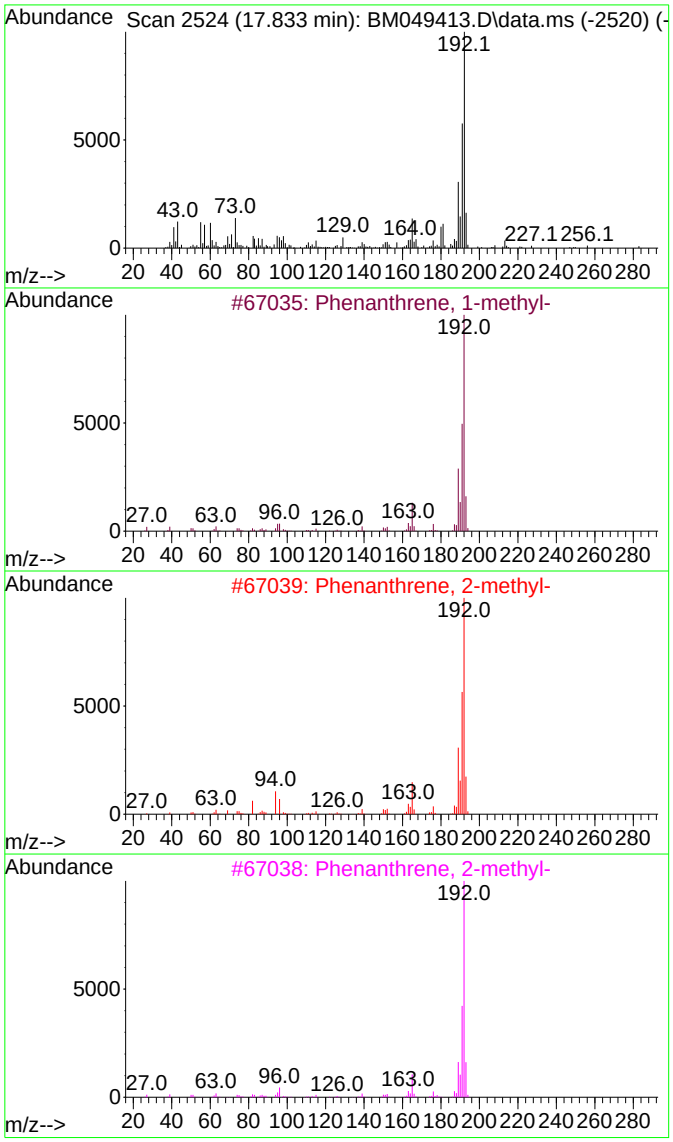
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

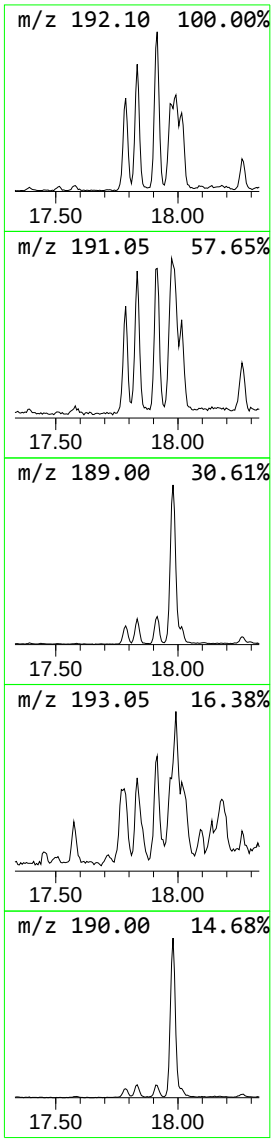
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	2.26 ng/ul	276621	Phenanthrene-d10	16.910

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	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

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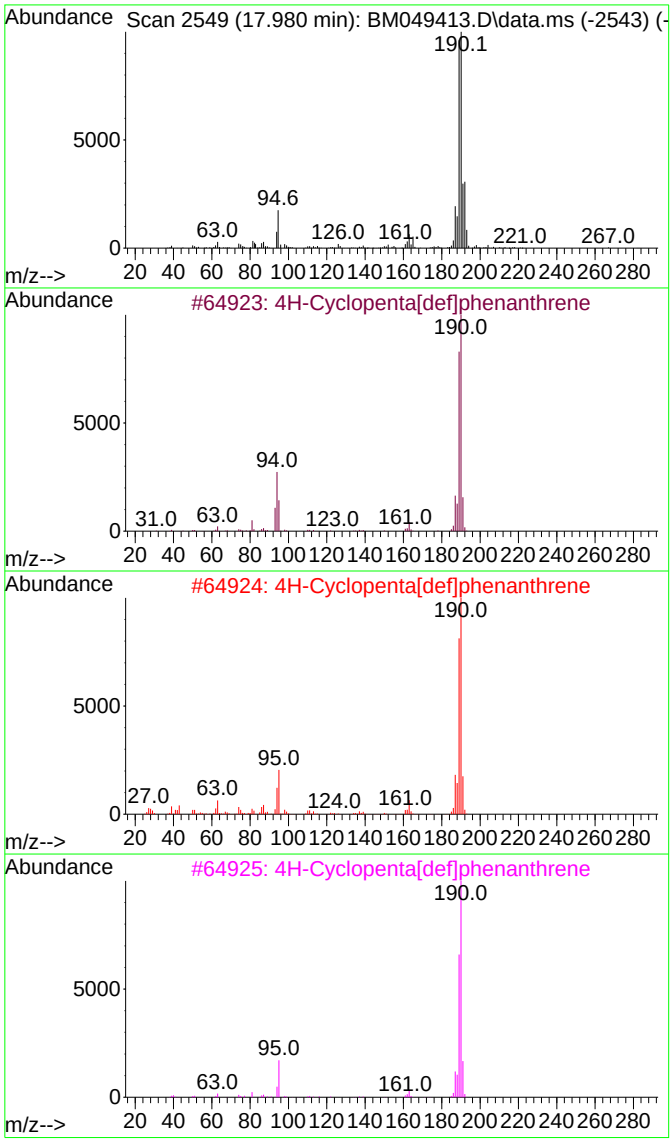
Quant Title : SVOA CALIBRATION

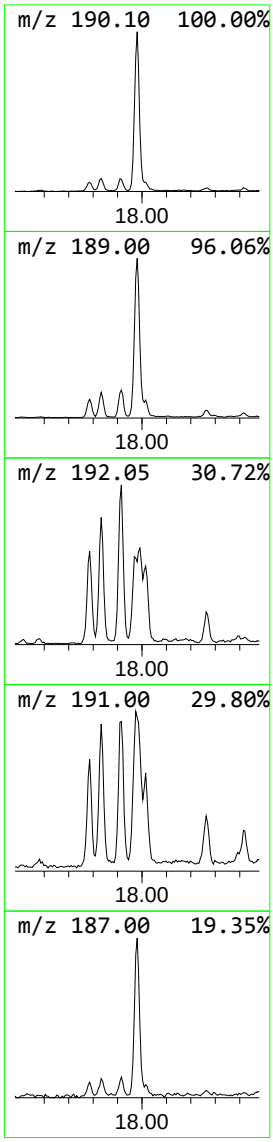
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	4.94 ng/ul	605911	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

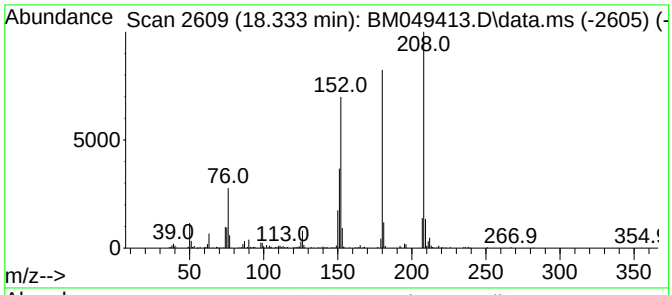
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

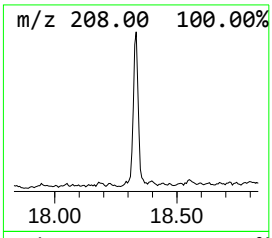
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

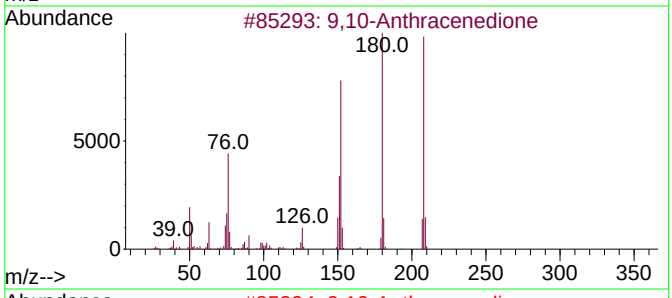
****
Peak Number 7 9,10-Anthracenedione Concentration Rank 7

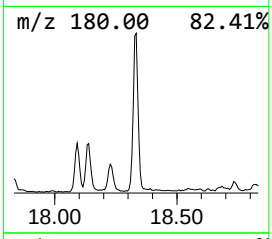
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.97 ng/ul	363680	Phenanthrene-d10	16.910

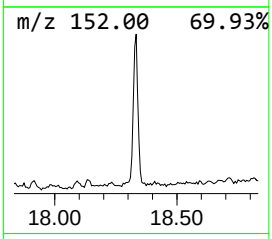
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78

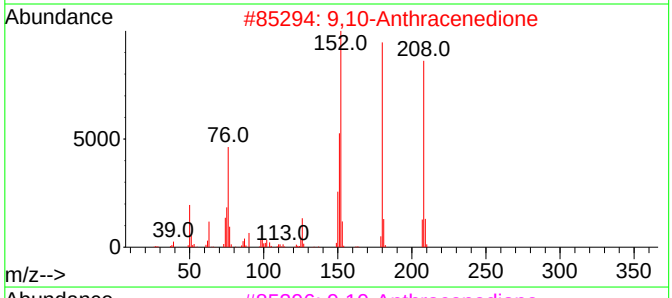


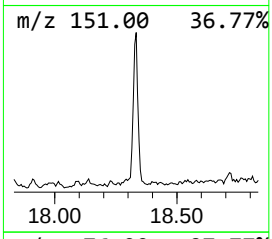


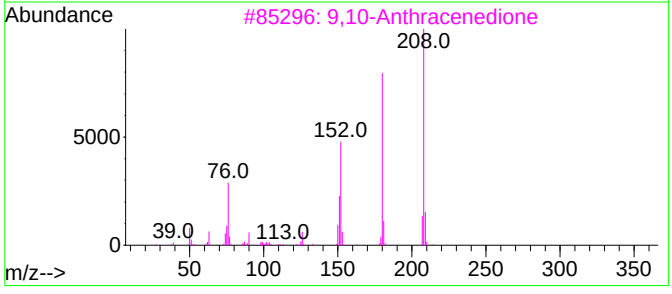


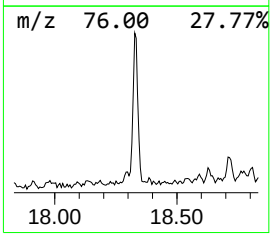












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Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

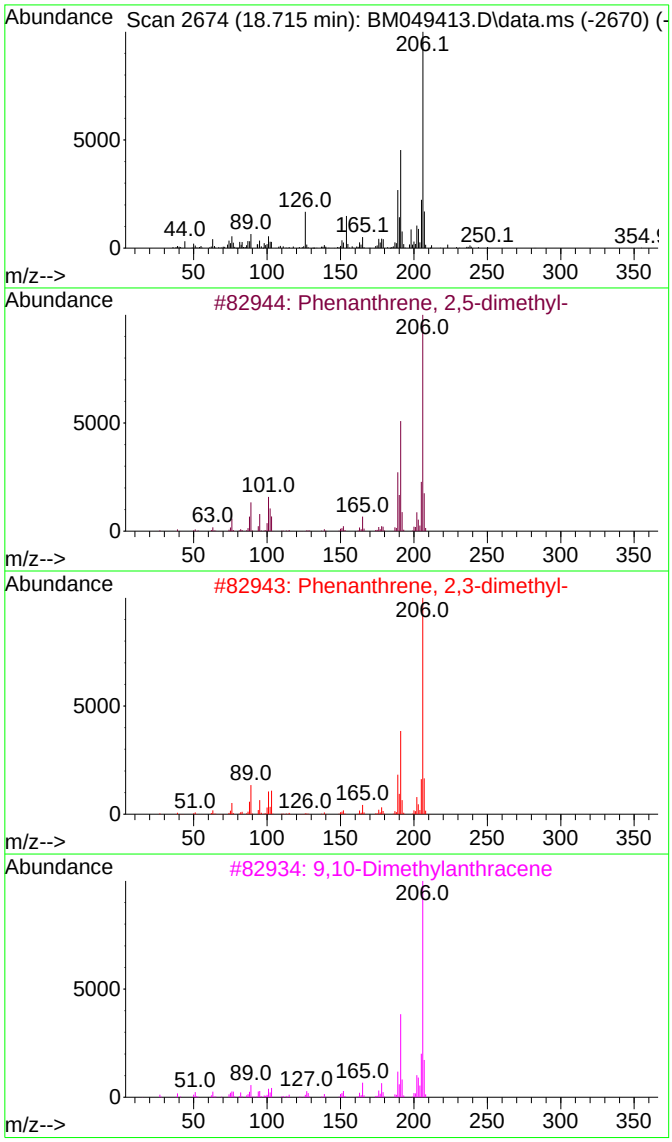
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

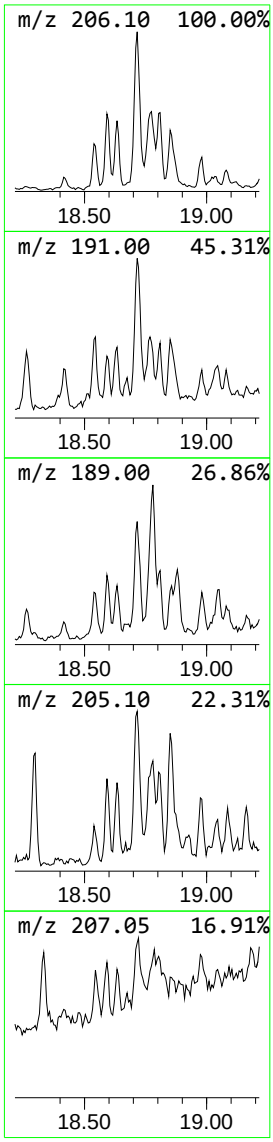
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	2.11 ng/ul	258749	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

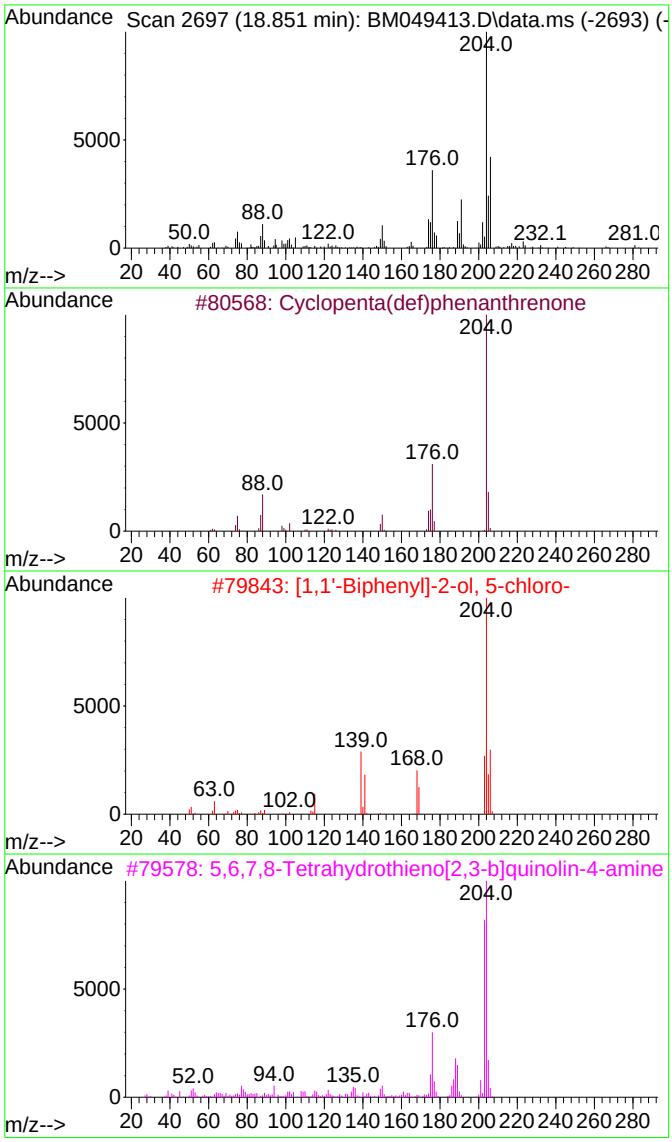
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

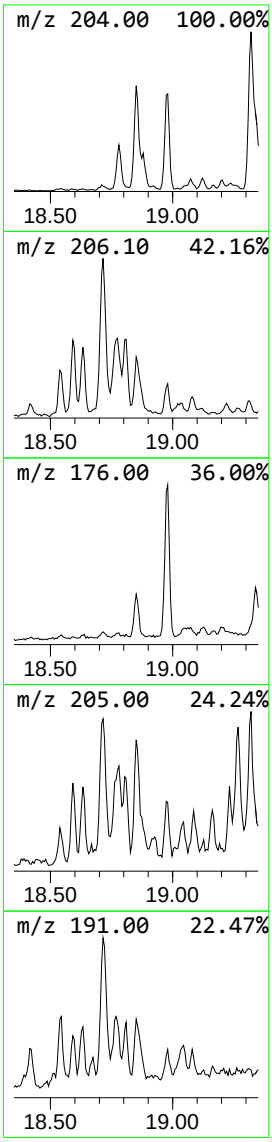
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	2.37 ng/ul	290391	Phenanthrene-d10	16.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

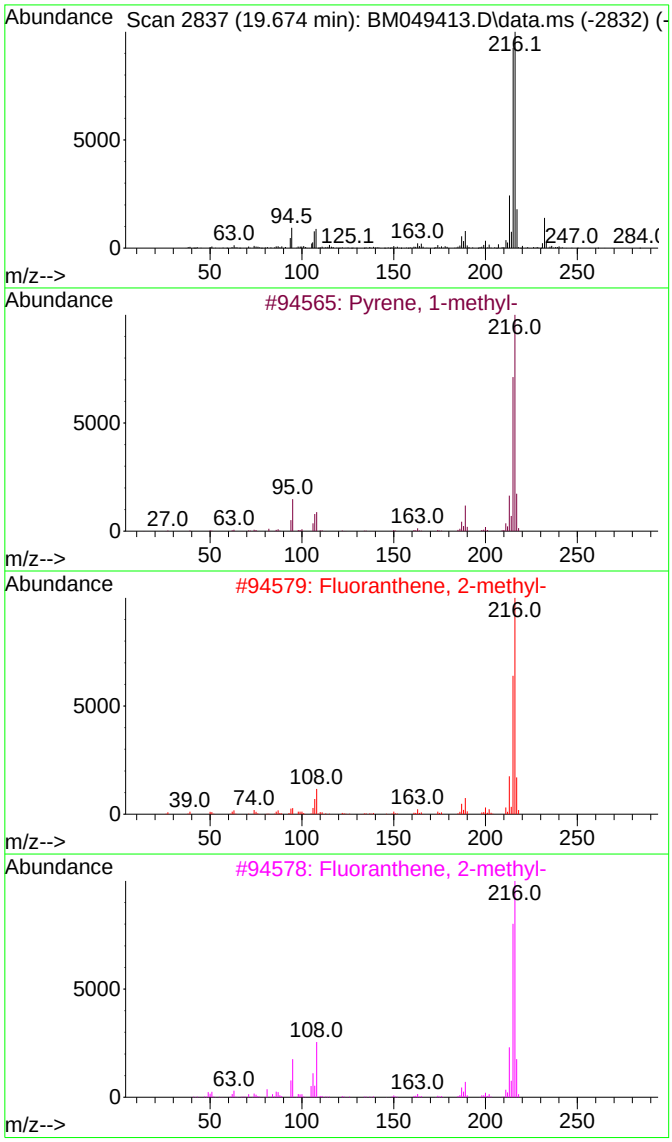
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

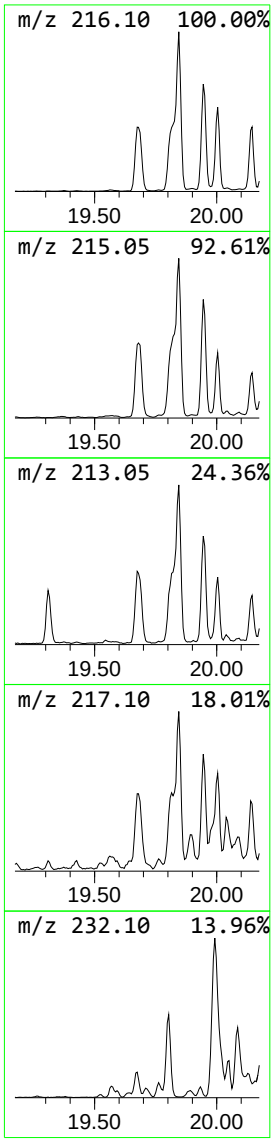
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.674	2.11 ng/ul	976705	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

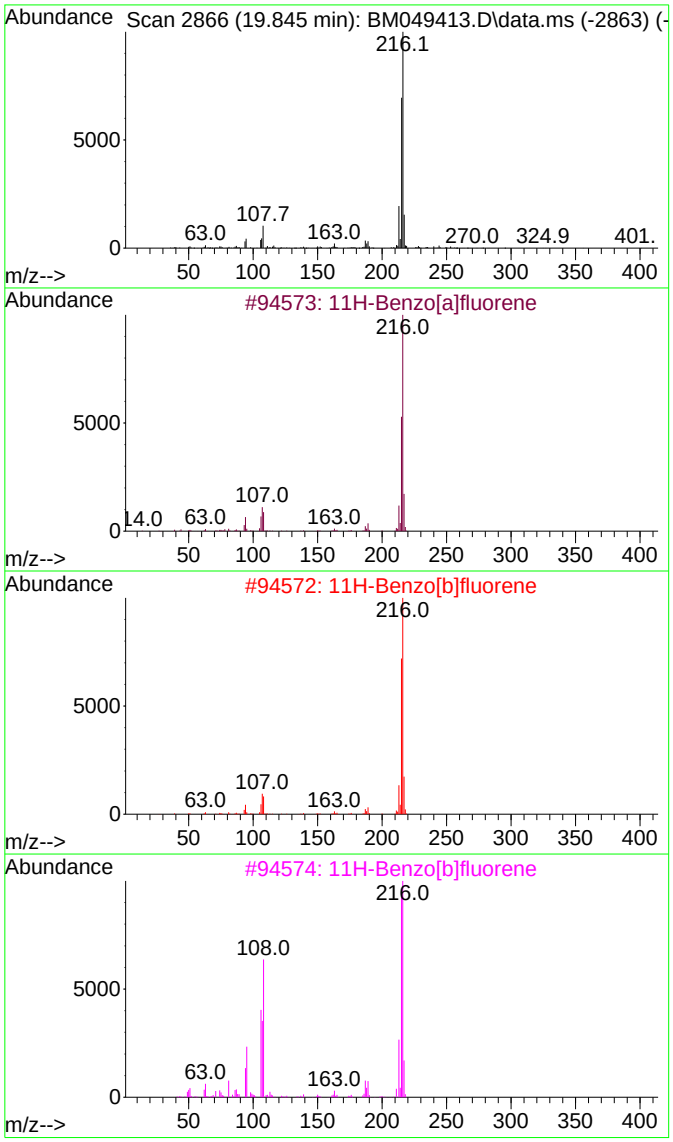
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

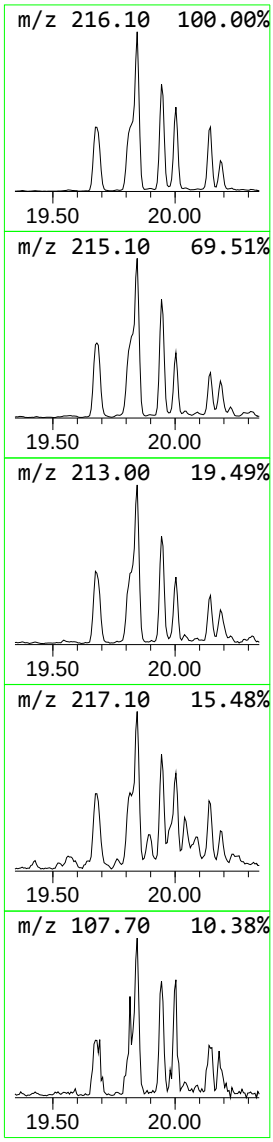
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.66 ng/ul	1231760	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

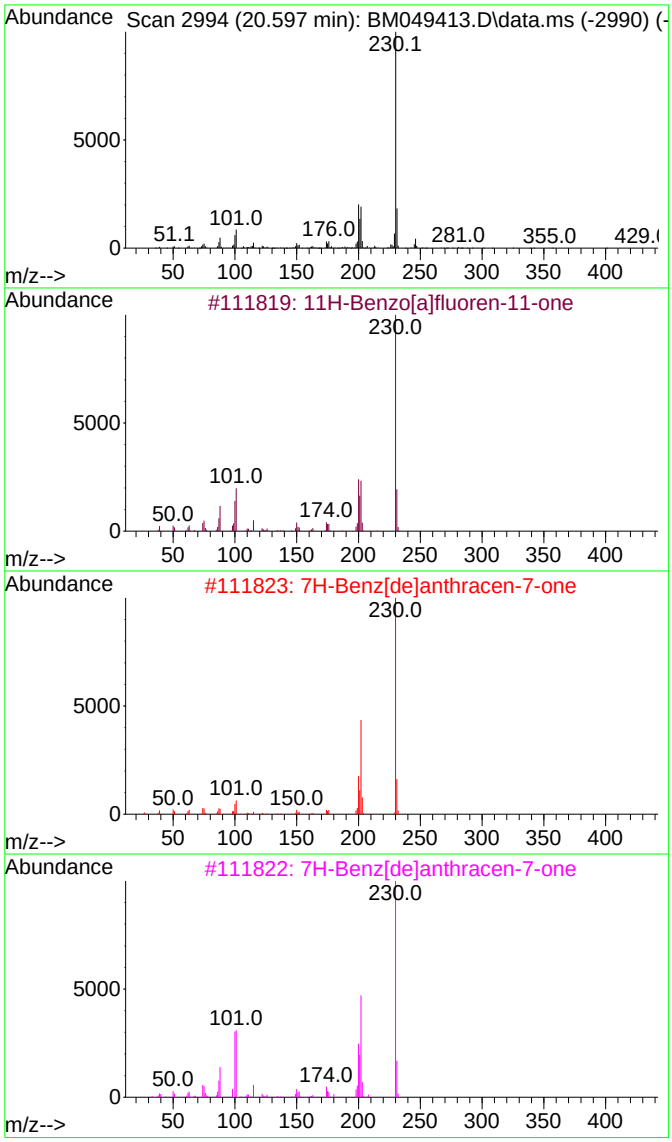
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

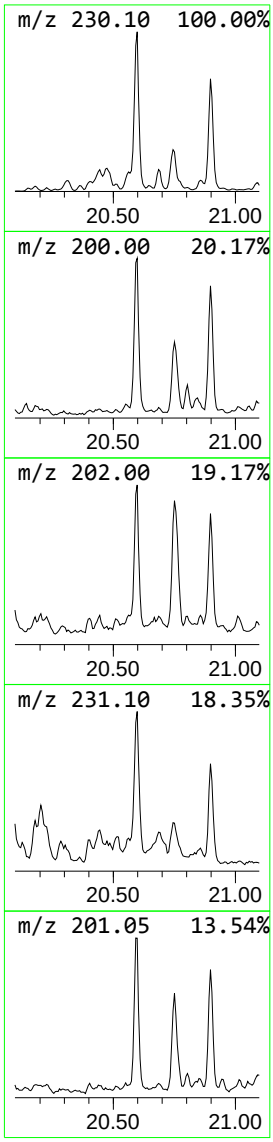
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.598	2.45 ng/ul	1131640	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59
5	Benzo(a)phenazine	230	C16H10N2	000225-61-6	47





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Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

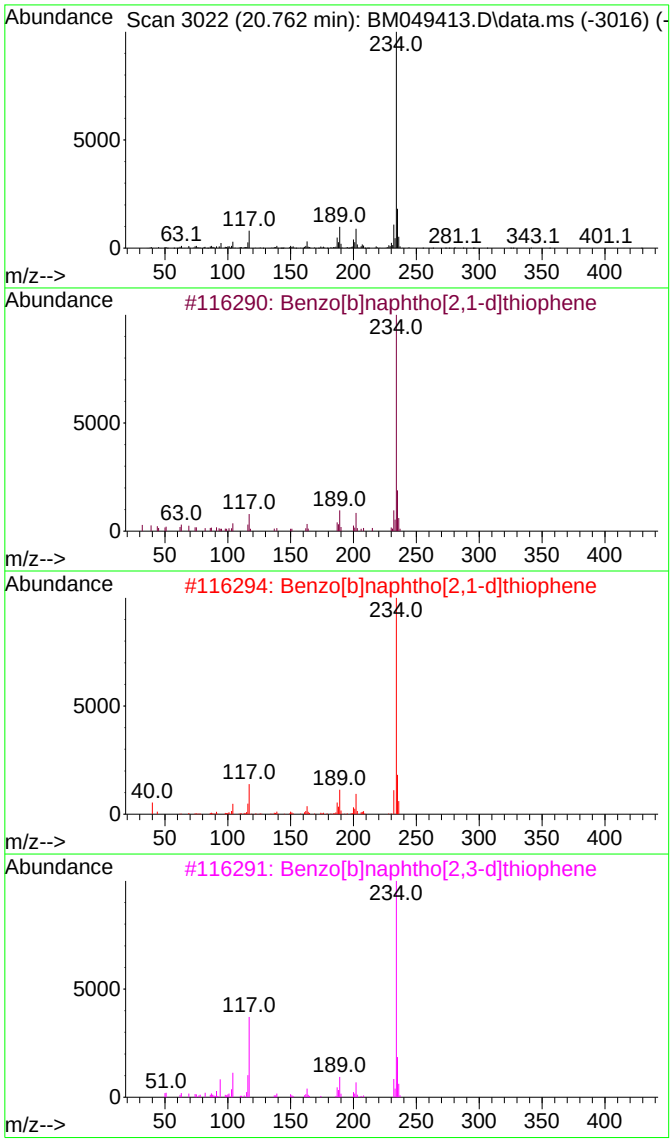
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

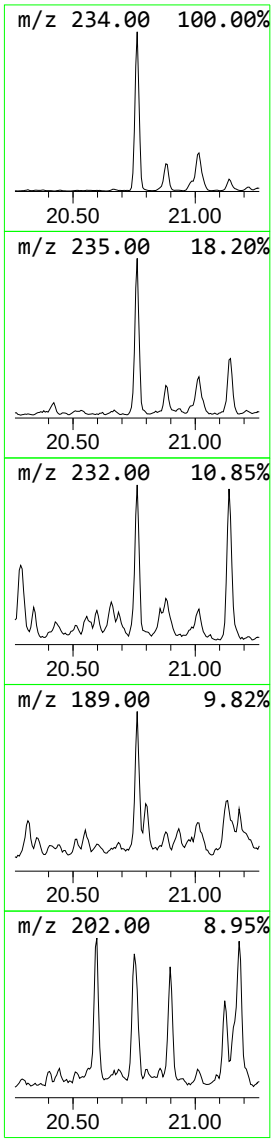
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.762	2.93 ng/ul	1354330	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





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Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

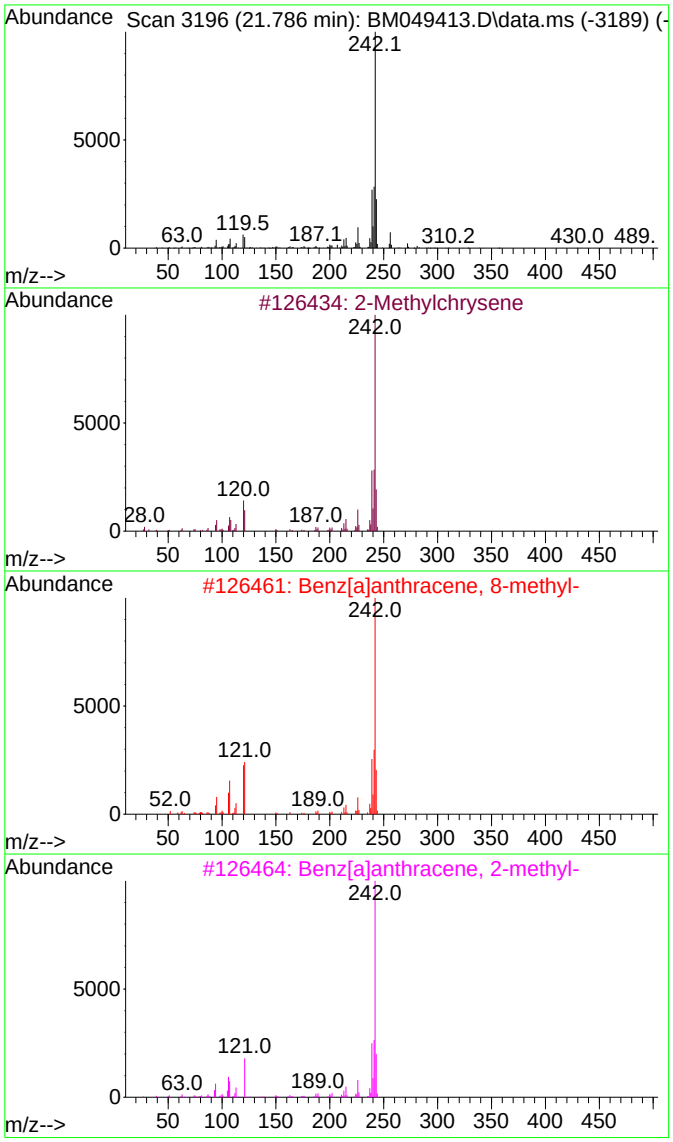
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

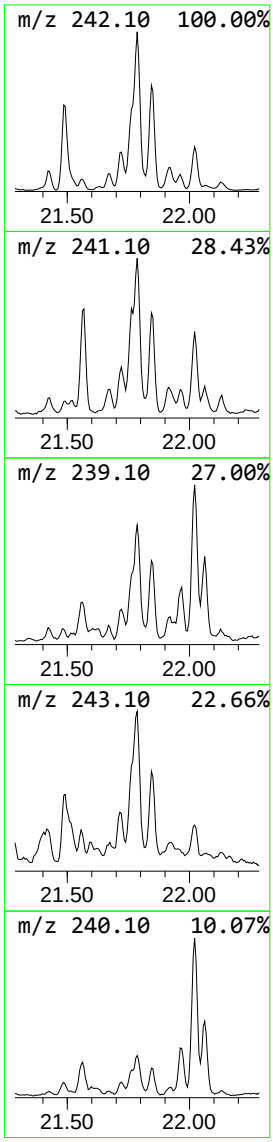
****

Peak Number 17 2-Methylchrysene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	2.26 ng/ul	1043500	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89





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Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

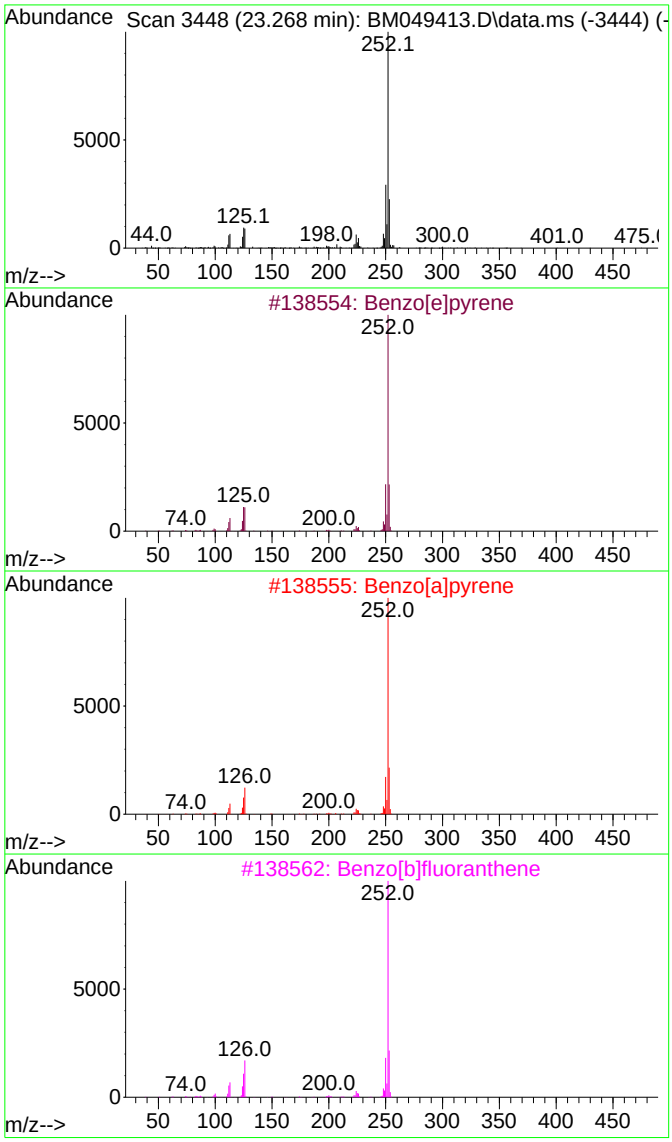
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

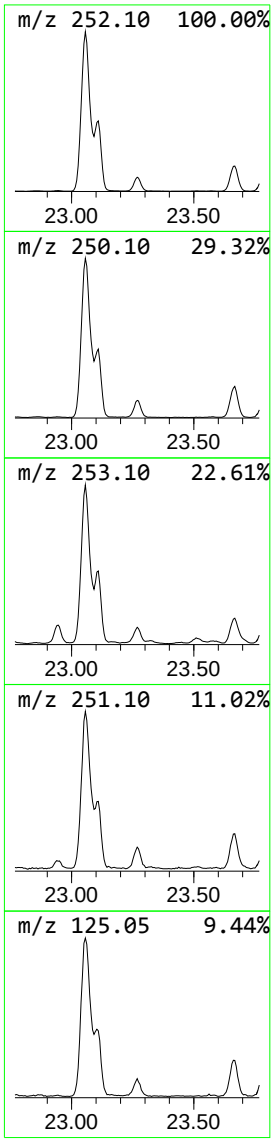
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.268	3.12 ng/ul	546483	Perylene-d12	23.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

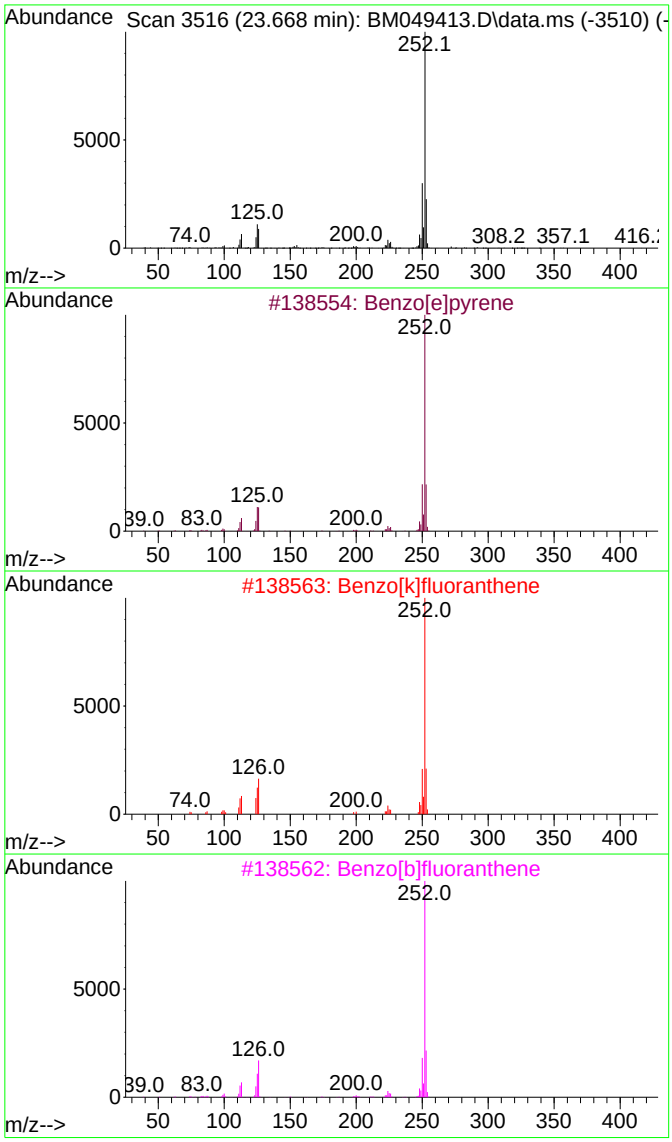
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

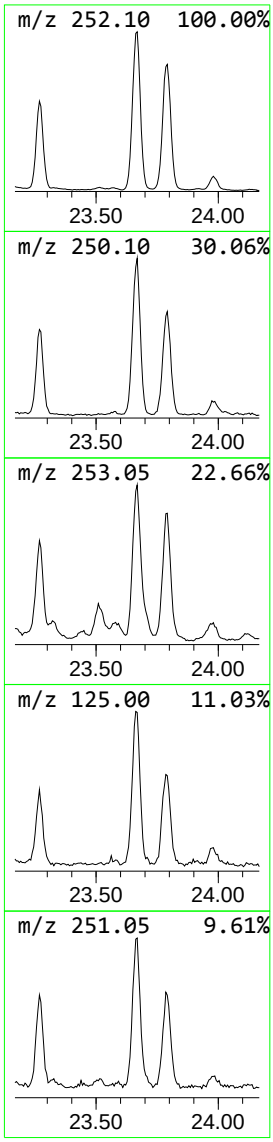
****

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.668	5.48 ng/ul	959124	Perylene-d12	23.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049413.D
Acq On : 23 Jan 2025 10:59
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.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	8.334	3.1	ng/ul	226575	1	7.516	1447310	20.0
Benzophenone	15.533	2.2	ng/ul	269657	4	16.910	2451950	20.0
Acridine	17.104	2.0	ng/ul	246091	4	16.910	2451950	20.0
5H-Indeno[1,2-b...	17.315	5.4	ng/ul	664328	4	16.910	2451950	20.0
Phenanthrene, 1...	17.833	2.3	ng/ul	276621	4	16.910	2451950	20.0
4H-Cyclopenta[d...	17.980	4.9	ng/ul	605911	4	16.910	2451950	20.0
9,10-Anthracene...	18.333	3.0	ng/ul	363680	4	16.910	2451950	20.0
Phenanthrene, 2...	18.715	2.1	ng/ul	258749	4	16.910	2451950	20.0
Cyclopenta(def)...	18.851	2.4	ng/ul	290391	4	16.910	2451950	20.0
Pyrene, 1-methyl-	19.674	2.1	ng/ul	976705	5	21.139	9245110	20.0
11H-Benzo[a]flu...	19.845	2.7	ng/ul	1231760	5	21.139	9245110	20.0
11H-Benzo[a]flu...	20.598	2.5	ng/ul	1131640	5	21.139	9245110	20.0
Benzo[b]naphtho...	20.762	2.9	ng/ul	1354330	5	21.139	9245110	20.0
2-Methylchrysene	21.786	2.3	ng/ul	1043500	5	21.139	9245110	20.0
Benzo[e]pyrene	23.268	3.1	ng/ul	546483	6	23.921	3500270	20.0
Benzo[j]fluoran...	23.668	5.5	ng/ul	959124	6	23.921	3500270	20.0