LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.975	11	15	35	rVB	2465370	3105969	22.78%	2.084%
2	4.275	232	236	245	rVB	54568	80586	0.59%	0.054%
3	6.816	661	668	682	rBV	833420	1347649	9.89%	0.904%
4	6.981	689	696	712	rVB	675410	1028624	7.55%	0.690%
5	7.175	722	729	738	rBV	881504	1376505	10.10%	0.923%
6	7.640	801	808	815	rVB	690203	1050087	7.70%	0.704%
7	8.339	920	927	934	rBV	1051716	1633404	11.98%	1.096%
8	8.781	994	1002	1014	rVB	814098	1339415	9.83%	0.899%
9	9.492	1116	1123	1131	rBV	661901	1083766	7.95%	0.727%
10	10.028	1203	1214	1225	rVB	1129305	1841391	13.51%	1.235%
11	10.404	1272	1278	1284	rBV	977726	1601104	11.74%	1.074%
12	10.539	1294	1301	1314	rBV	643450	1157573	8.49%	0.777%
13	13.686	1830	1836	1840	rBV	1983117	2654733	19.47%	1.781%
14	13.733	1840	1844	1850	rVB	767263	1069247	7.84%	0.717%
15	13.957	1873	1882	1898	rBV2	2369900	4139380	30.36%	2.777%
16	14.269	1928	1935	1942	rBV	1548540	2191727	16.08%	1.470%
17	14.469	1962	1969	1980	rBV	694959	1003295	7.36%	0.673%
18	14.692	2000	2007	2014	rVB6	40353	113650	0.83%	0.076%
19	15.145	2080	2084	2091	rVB3	53057	82627	0.61%	0.055%
20	15.268	2097	2105	2110	rBV	2921046	4139329	30.36%	2.777%
21	15.386	2120	2125	2133	rVV	613258	863498	6.33%	0.579%
22	15.510	2140	2146	2160	rVB7	43738	128286	0.94%	0.086%
23	15.992	2225	2228	2235	rVV5	52738	116951	0.86%	0.078%
24	16.668	2339	2343	2352	rVB3	52833	108736	0.80%	0.073%
25	16.833	2363	2371	2374	rBV3	43857	98831	0.72%	0.066%
26	17.015	2395	2402	2405	rVV	1763181	2549103	18.70%	1.710%
27	17.057	2405	2409	2413	rVV	1067269	1482600	10.88%	0.995%
28	17.110	2413	2418	2423	rVV	3062607	4444555	32.60%	2.982%
29	17.145	2423	2424	2430	rVV	360443	319044	2.34%	0.214%
30	17.209	2430	2435	2441	rVB4	67565	112648	0.83%	0.076%
31	17.415	2461	2470	2474	rBV	103795	189181	1.39%	0.127%
32	17.539	2487	2491	2495	rVV2	79365	123261	0.90%	0.083%
33	17.592	2496	2500	2505	rVB	68173	102645	0.75%	0.069%
34	17.892	2544	2551	2554	rVV	262989	431080	3.16%	0.289%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

35	17.939	2554	2559	2567	rVV	1145960	1678723	12.31%	1.126%
36	18.015	2568	2572	2576	rVV	162956	271679	1.99%	0.182%
37	18.080	2577	2583	2587	rVV2	450712	846340	6.21%	0.568%
38	18.121	2587	2590	2595	rVB	219735	296782	2.18%	0.199%
39	18.239	2607	2610	2615	rVB5	73369	94286	0.69%	0.063%
40	18.392	2632	2636	2639	rBV	195382	240330	1.76%	0.161%
41	18.427	2639	2642	2649	rVB2	234718	326040	2.39%	0.219%
42	18.645	2676	2679	2683	rVV	101016	137571	1.01%	0.092%
43	18.692	2683	2687	2691	rVV	115249	178032	1.31%	0.119%
44	18.733	2691	2694	2698	rVB	94699	125409	0.92%	0.084%
45	18.815	2703	2708	2713	rBV2	331261	523763	3.84%	0.351%
46	18.874	2713	2718	2721	rVV2	220744	353425	2.59%	0.237%
47	18.904	2721	2723	2727	rVV	107429	149835	1.10%	0.101%
48	18.951	2727	2731	2739	rVB3	250076	438411	3.22%	0.294%
49	19.074	2747	2752	2758	rVB	4279457	5460889	40.06%	3.664%
50	19.174	2767	2769	2773	rVB3	72182	86530	0.63%	0.058%
51	19.221	2773	2777	2782	rBV2	721669	988762	7.25%	0.663%
52	19.321	2791	2794	2796	rBV	71400	93754	0.69%	0.063%
53	19.409	2804	2809	2812	rBV2	4105932	6226882	45.68%	4.178%
54	19.439	2812	2814	2821	rVV	4199795	4718044	34.61%	3.165%
55	19.515	2824	2827	2834	rVB3	174983	328277	2.41%	0.220%
56	19.621	2841	2845	2851	rBV	206238	285134	2.09%	0.191%
57	19.680	2851	2855	2861	rVB3	136417	237529	1.74%	0.159%
58	19.768	2864	2870	2876	rBV4	399221	925181	6.79%	0.621%
59	19.856	2882	2885	2888	rBV4	60269	80659	0.59%	0.054%
60	19.903	2888	2893	2895	rVV3	355754	579279	4.25%	0.389%
61	19.939	2895	2899	2904	rVB	702314	1023302	7.51%	0.687%
62	19.992	2905	2908	2912	rBV4	116886	153493	1.13%	0.103%
63	20.039	2912	2916	2920	rVB	424277	484364	3.55%	0.325%
64	20.092	2920	2925	2930	rBV2	555259	834707	6.12%	0.560%
65	20.192	2937	2942	2945	rBV3	115187	209694	1.54%	0.141%
66	20.233	2945	2949	2953	rVV	386308	456481	3.35%	0.306%
67	20.280	2953	2957	2962	rVV	330962	470495	3.45%	0.316%
68	20.492	2990	2993	2996	rBV3	230200	268260	1.97%	0.180%
69	20.603	3009	3012	3015	rBV4	83757	87100	0.64%	0.058%
70	20.686	3022	3026	3032	rVB	449826	703870	5.16%	0.472%
71	20.850	3048	3054	3057	rBV3	506871	865871	6.35%	0.581%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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\SOM-EPA-BM031420MA.M
Title : SVOA CALIBRATION

72	20.892	3057	3061	3064	rVV	495290	617735	4.53%	0.414%
73	20.945	3064	3070	3074	rVV3	1706297	2823878	20.71%	1.894%
74	20.980	3074	3076	3085	rVB	516130	691689	5.07%	0.464%
75	21.092	3092	3095	3101	rVB2	113010	149036	1.09%	0.100%
76	21.192	3107	3112	3117	rBV2	4284045	7972990	58.49%	5.349%
77	21.239	3117	3120	3128	rVB	2834719	4001323	29.35%	2.684%
78	21.327	3132	3135	3137	rBV2	157303	199478	1.46%	0.134%
79	21.356	3137	3140	3142	rBV2	286456	327032	2.40%	0.219%
80	21.392	3142	3146	3151	rVB2	682742	1086321	7.97%	0.729%
81	21.509	3163	3166	3172	rVB2	364990	550864	4.04%	0.370%
82	21.697	3194	3198	3200	rBV	232027	317715	2.33%	0.213%
83	21.750	3200	3207	3210	rVV	755528	1437703	10.55%	0.965%
84	21.815	3212	3218	3223	rVB2	1356035	2162031	15.86%	1.450%
85	21.939	3236	3239	3242	rBV	352605	480999	3.53%	0.323%
86	21.968	3242	3244	3250	rVB3	389914	518014	3.80%	0.348%
87	22.268	3289	3295	3301	rVB2	1872513	2971347	21.80%	1.993%
88	22.486	3329	3332	3344	rVB6	410649	929142	6.82%	0.623%
89	22.756	3369	3378	3393	rBV2	3852464	13632309	100.00%	9.146%
90	22.903	3398	3403	3409	rVB	765024	1238918	9.09%	0.831%
91	23.203	3448	3454	3458	rBV	1828266	3369224	24.71%	2.260%
92	23.250	3458	3462	3466	rVV	2819990	5025971	36.87%	3.372%
93	23.297	3466	3470	3478	rVV2	3688468	7572252	55.55%	5.080%
94	23.386	3479	3485	3489	rVV	1585098	3013244	22.10%	2.022%
95	23.433	3490	3493	3501	rVB2	800858	1467829	10.77%	0.985%
96	23.938	3573	3579	3585	rVB	1352941	2529670	18.56%	1.697%
97	24.015	3587	3592	3601	rVB5	504363	1065094	7.81%	0.715%
98	24.656	3696	3701	3710	rVB2	562643	1182244	8.67%	0.793%
99	25.550	3846	3853	3862	rVB	1635318	4411474	32.36%	2.960%
100	26.209	3957	3965	3980	rVB2	1047363	2971769	21.80%	1.994%

Sum of corrected areas: 149056958

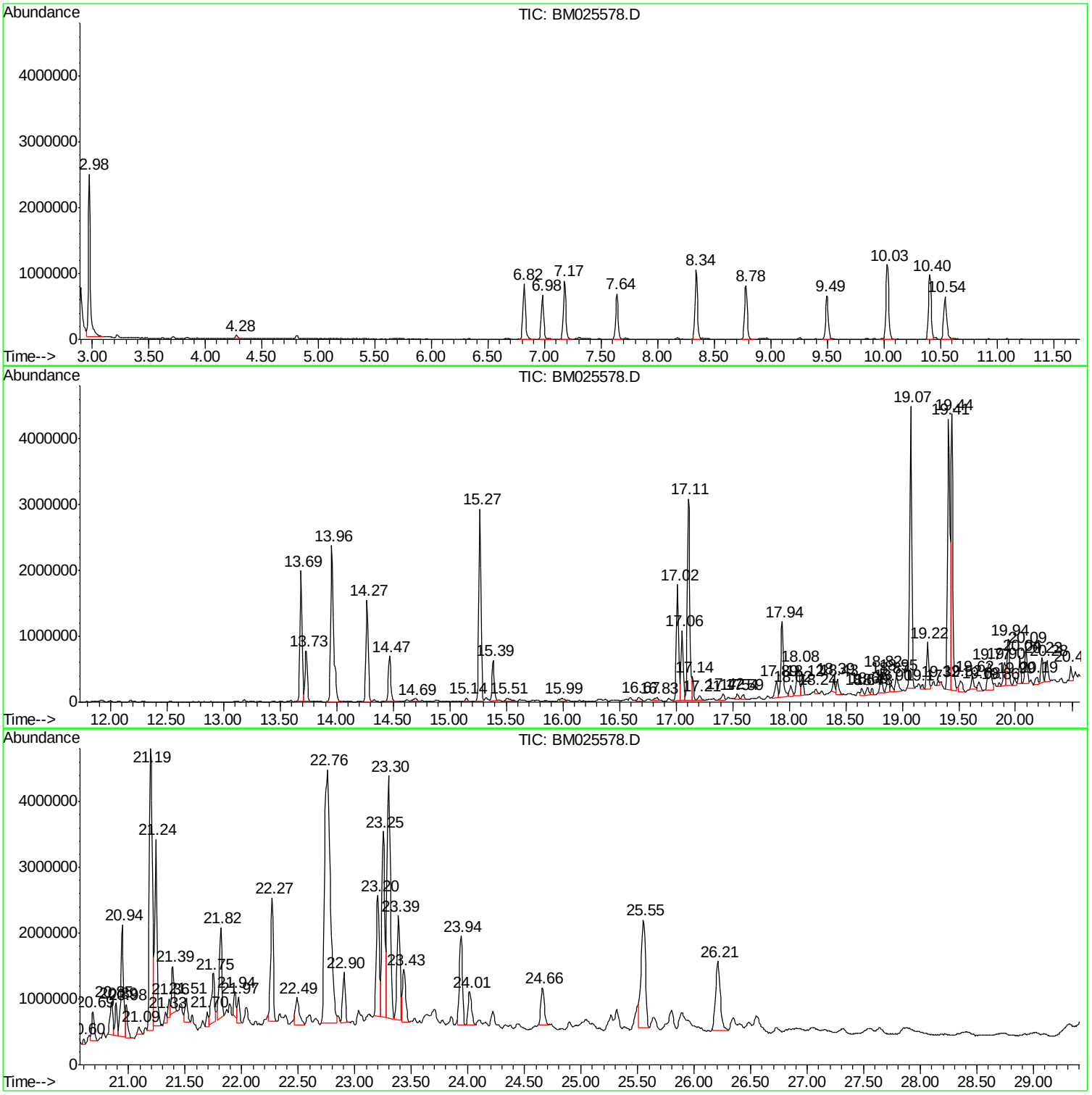
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

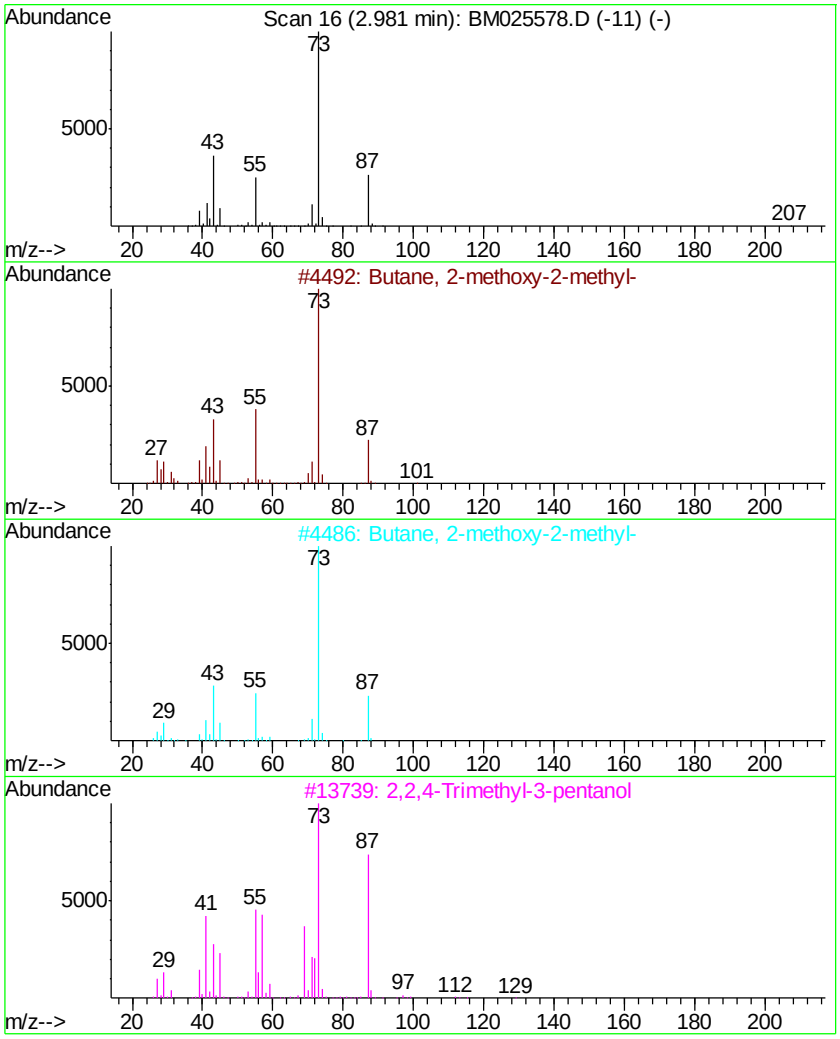
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

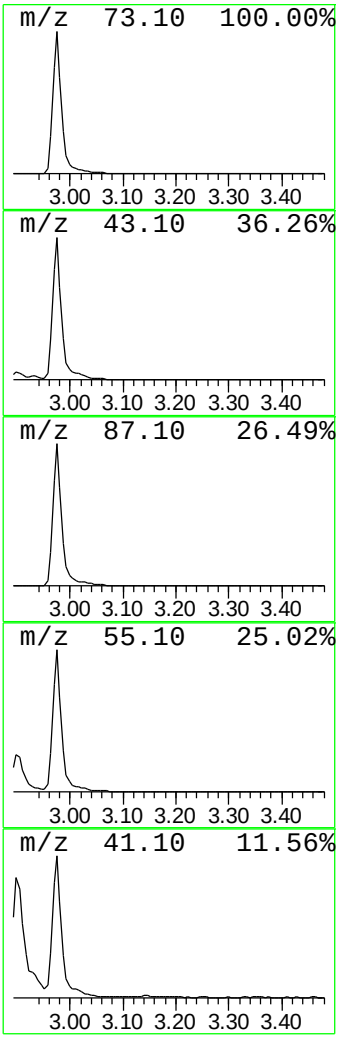
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	59.16 ng/ul	3105970	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

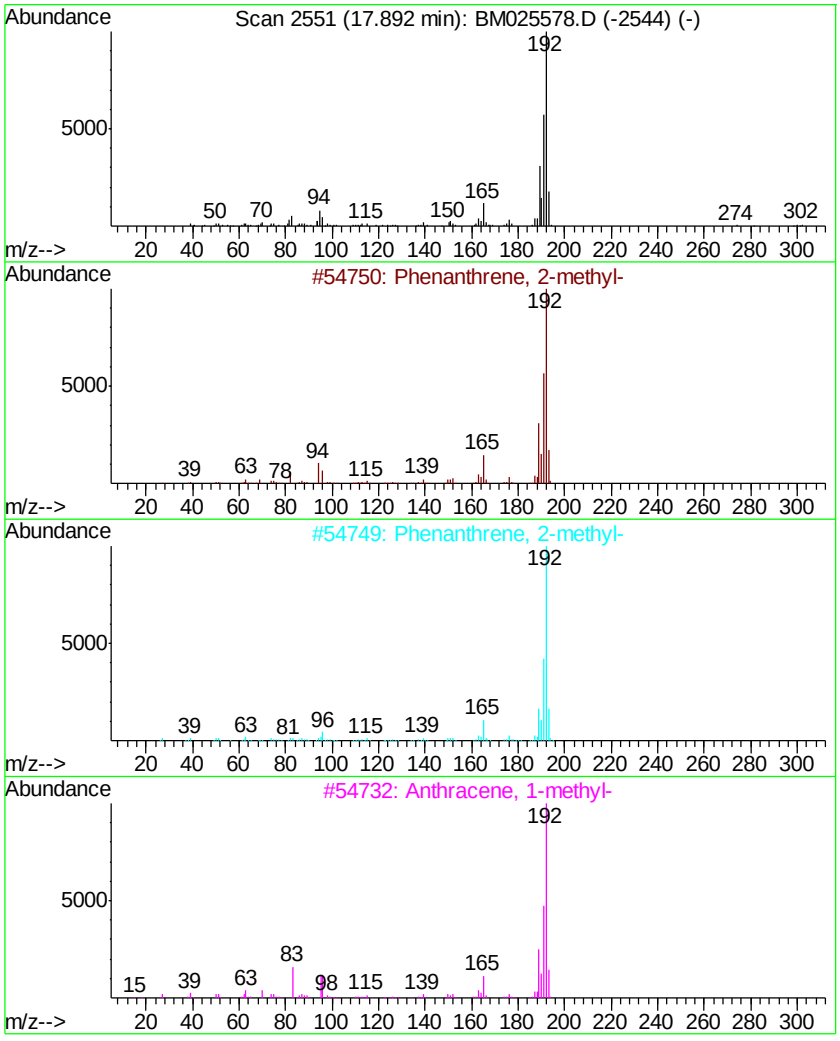
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

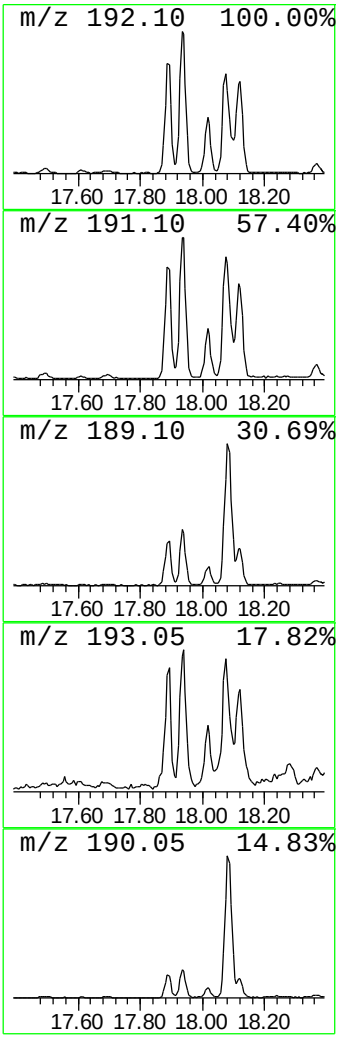
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.38 ng/ul	431080	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

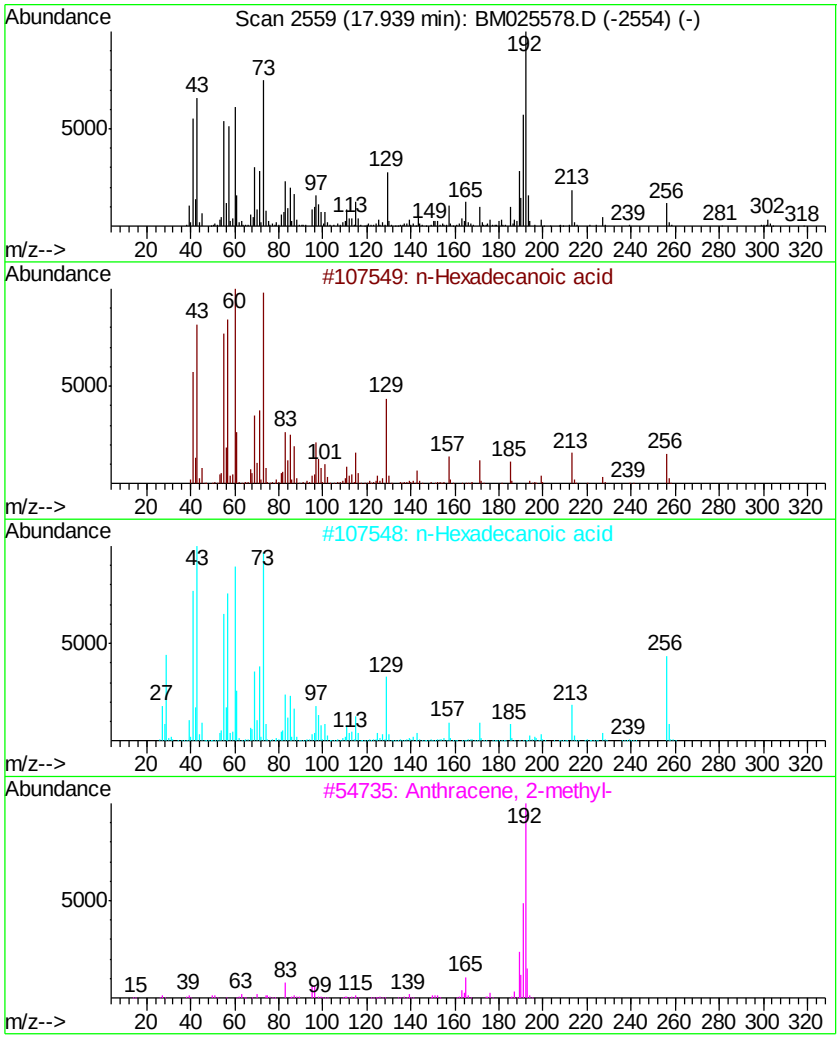
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

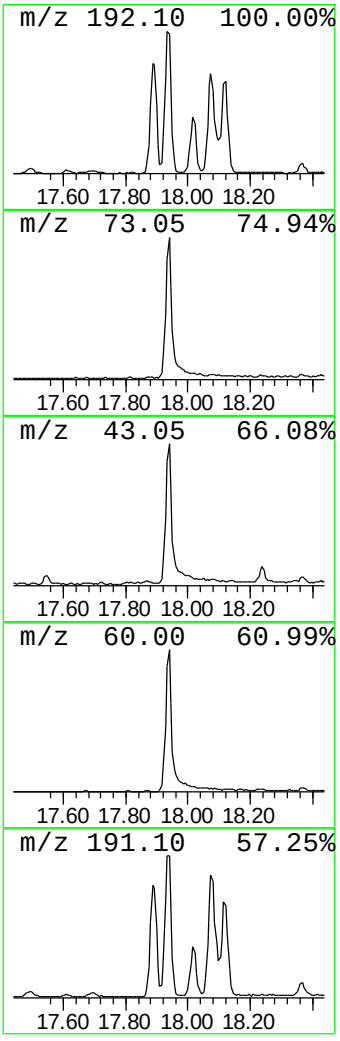
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	13.17 ng/ul	1678720	Phenanthrene-d10	17.02

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	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

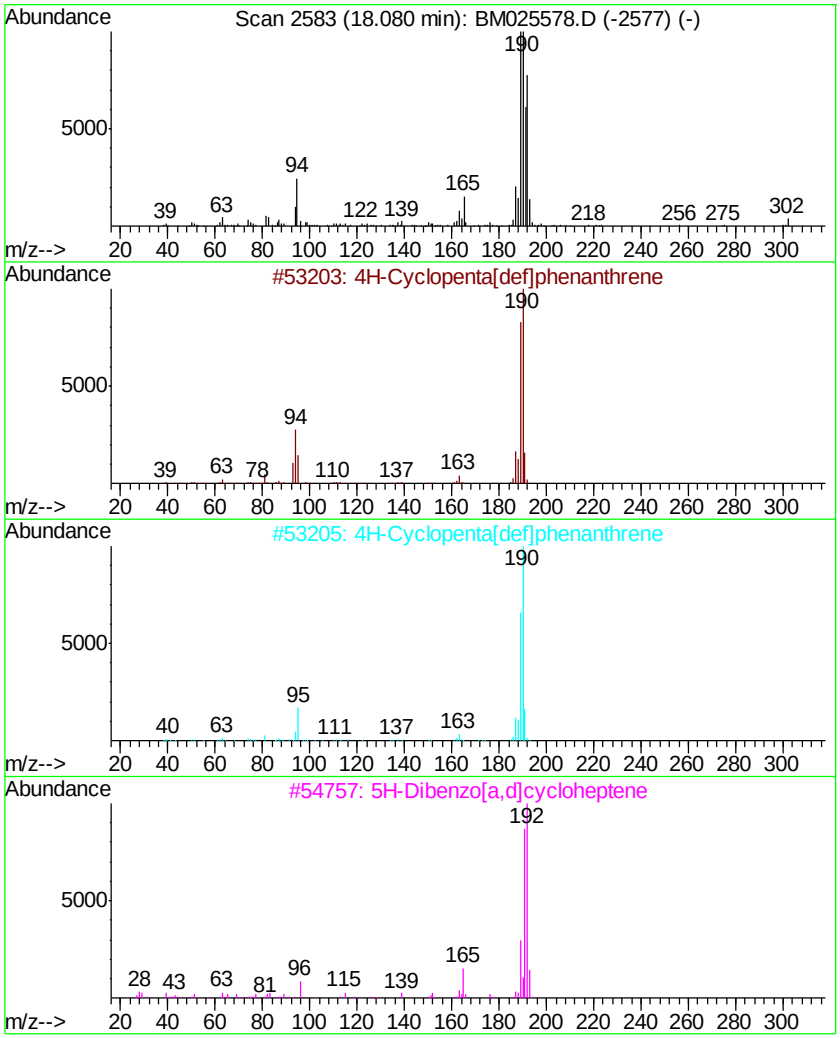
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

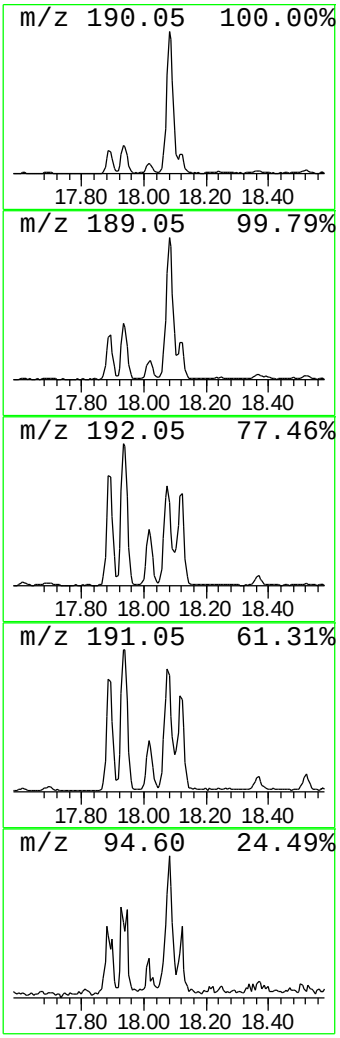
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.64 ng/ul	846340	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

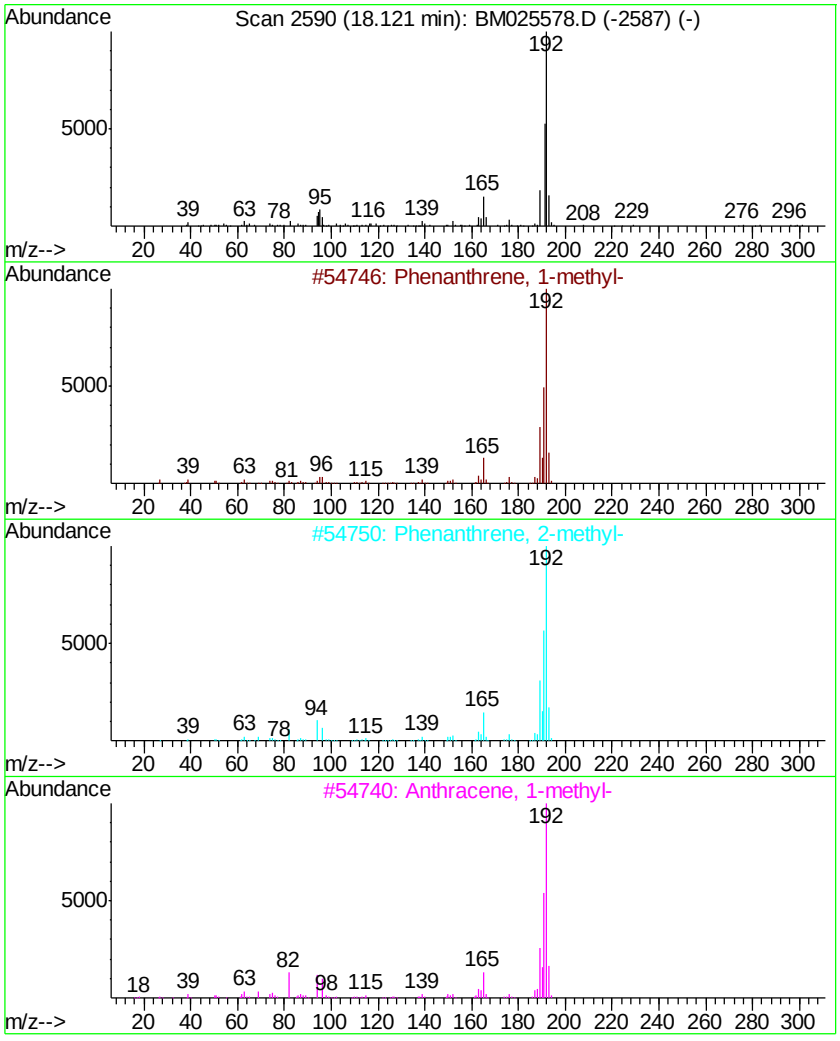
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

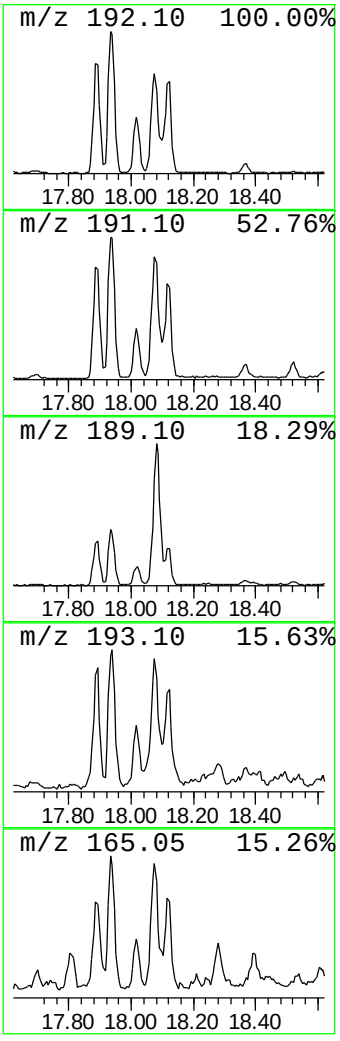
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.33 ng/ul	296782	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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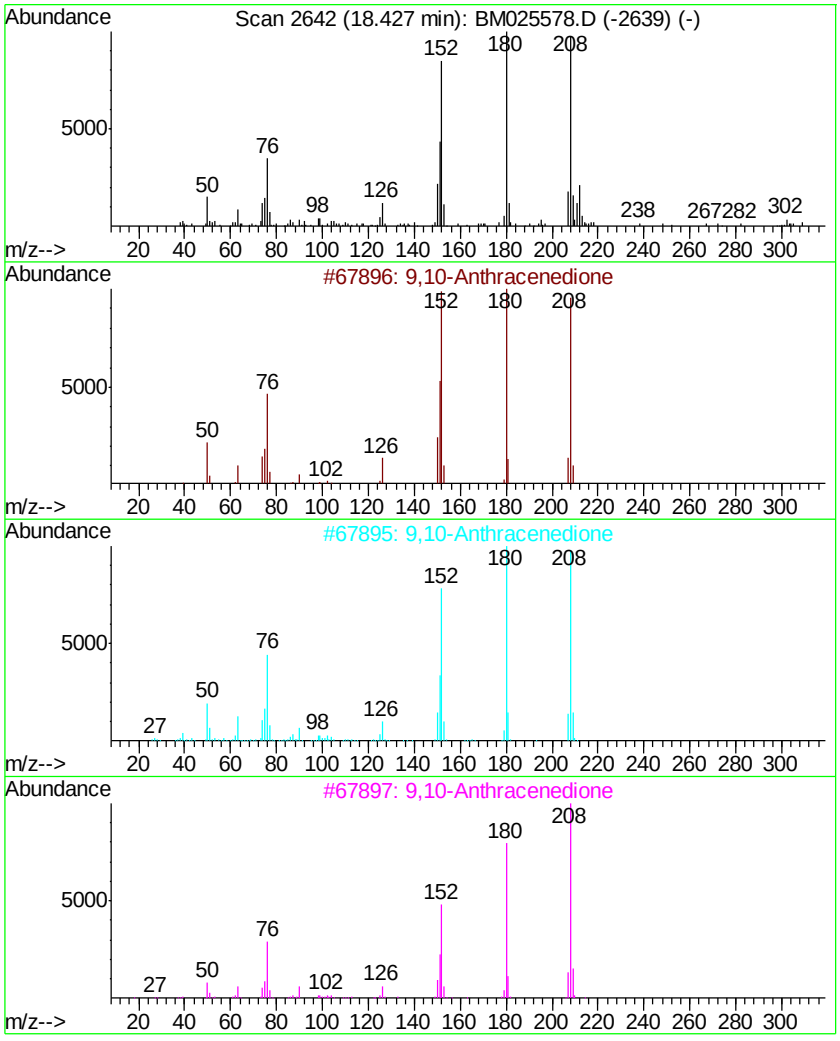
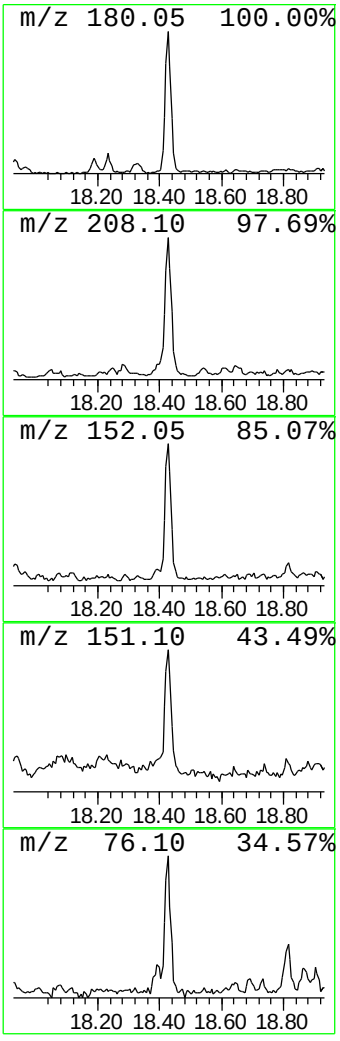
Peak Number 7 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.56 ng/ul	326040	Phenanthrene-d10	17.02

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	91
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	86
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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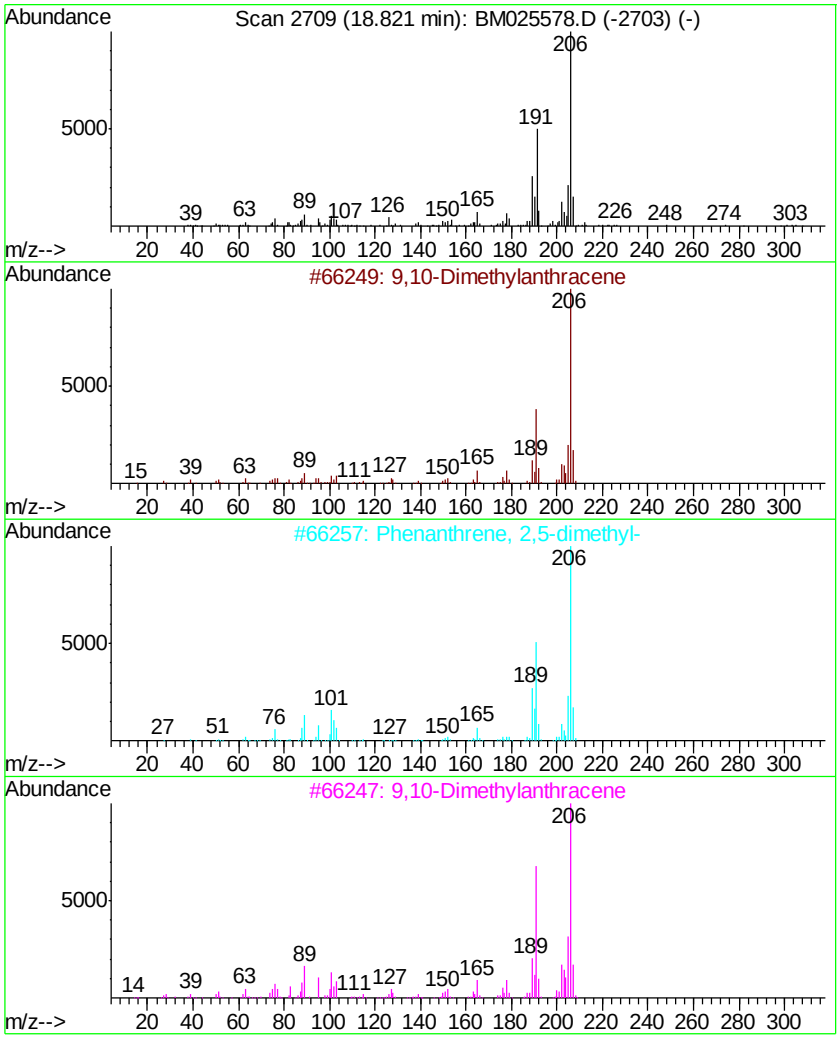
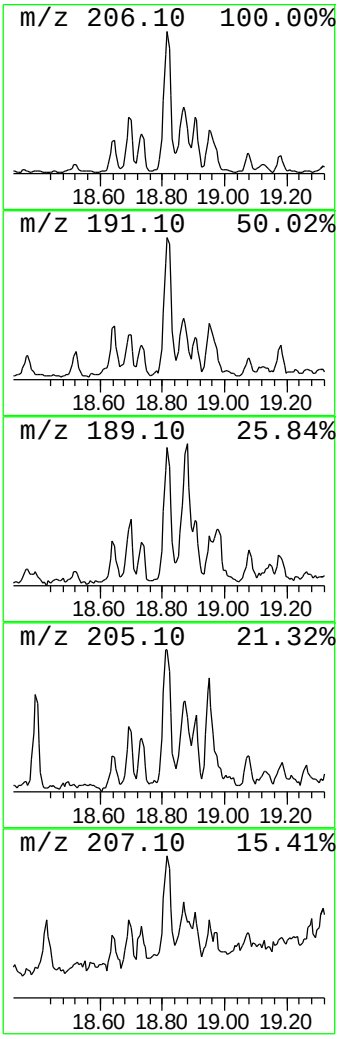
Peak Number 8 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.11 ng/ul	523763	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Misc :
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Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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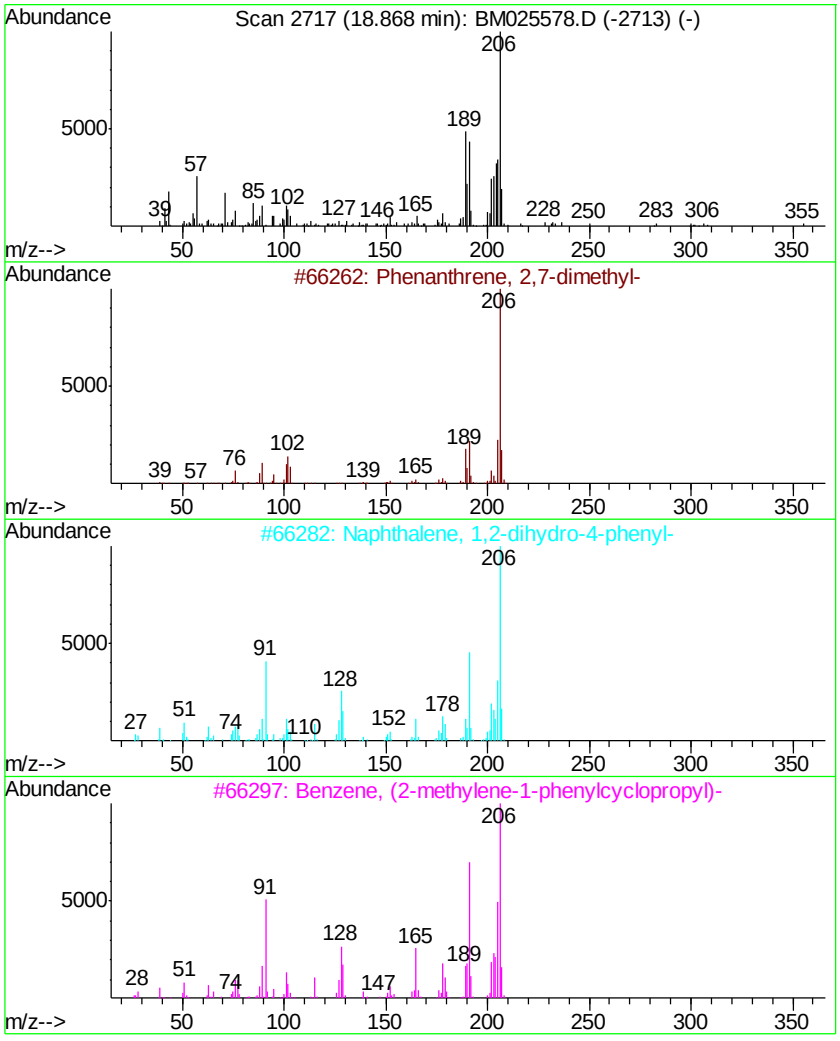
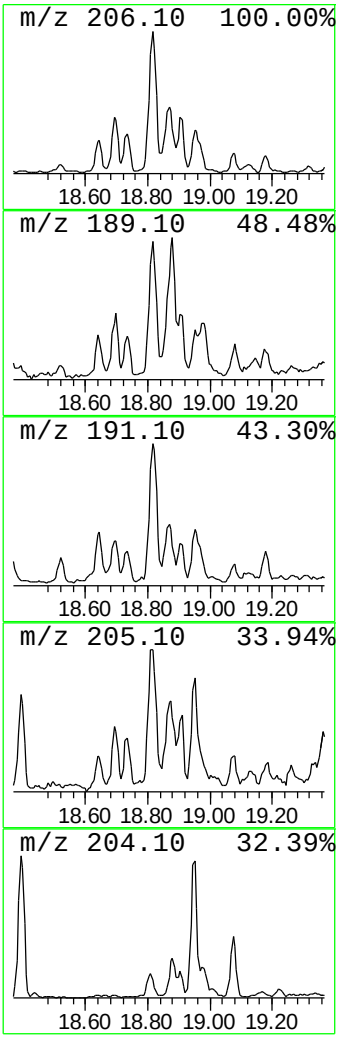
Peak Number 9 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.77 ng/ul	353425	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	46
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	46
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	44





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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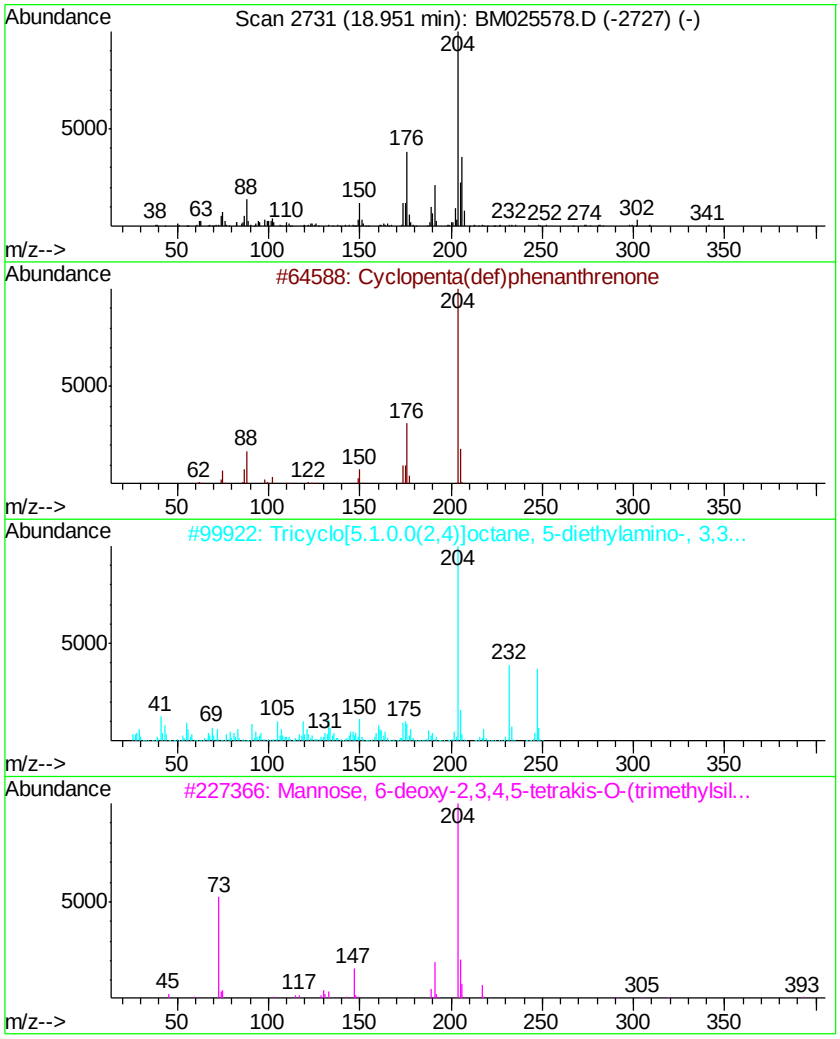
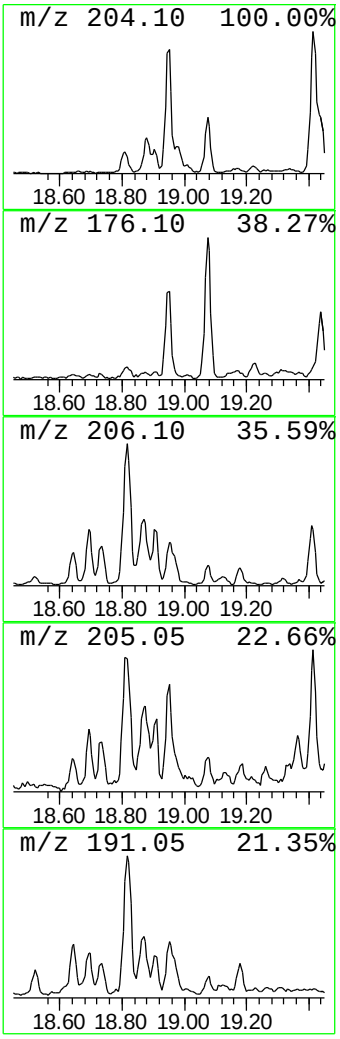
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.44 ng/ul	438411	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	47
3	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	37





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Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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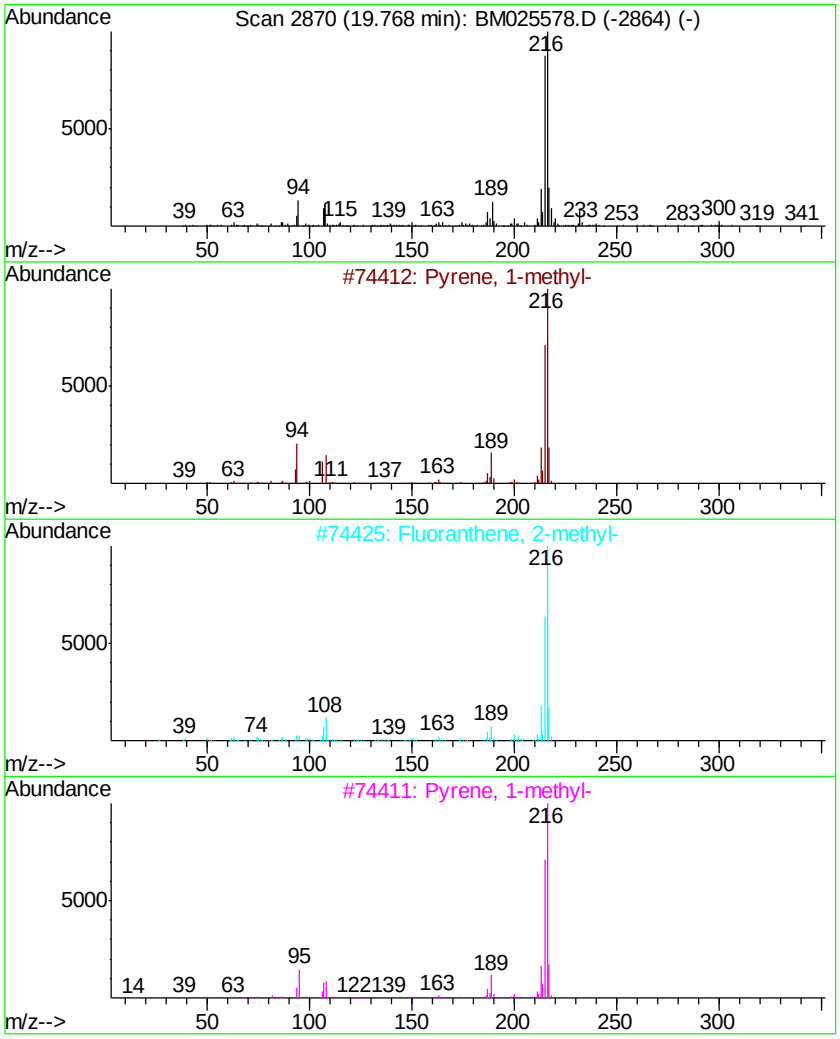
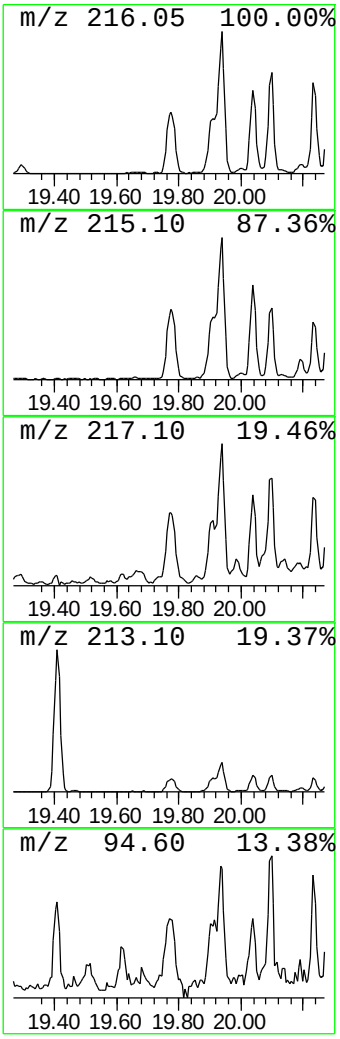
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.32 ng/ul	925181	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94





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Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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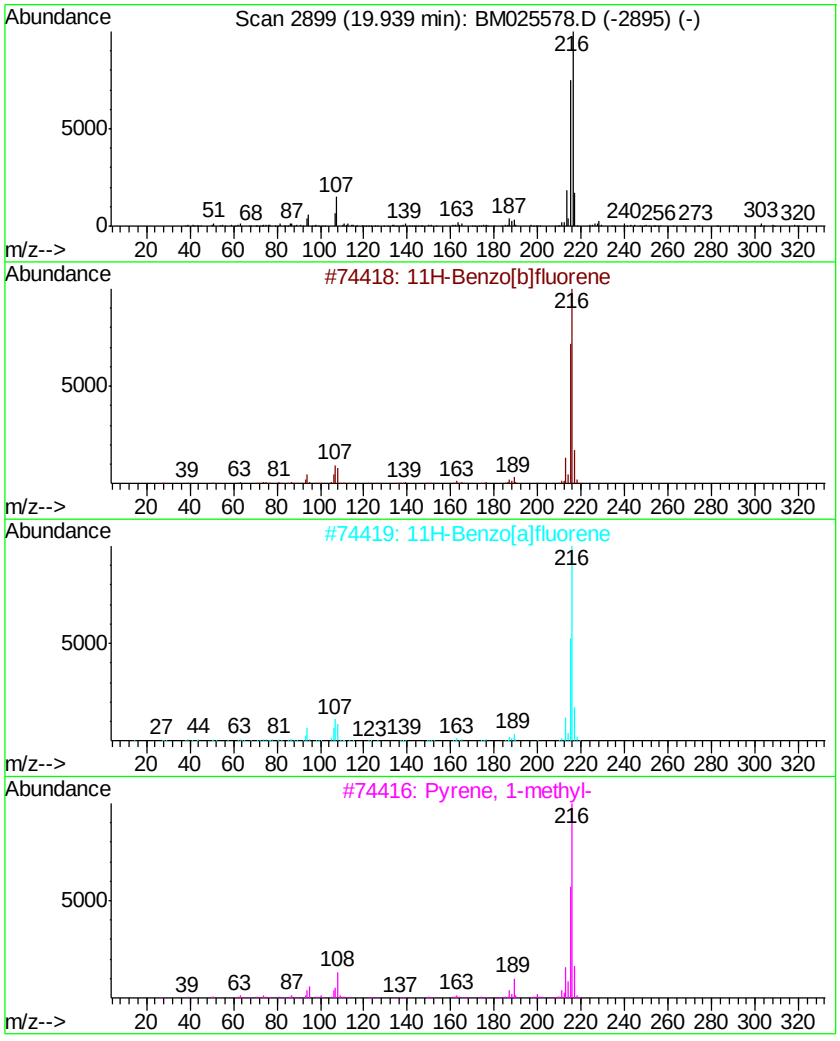
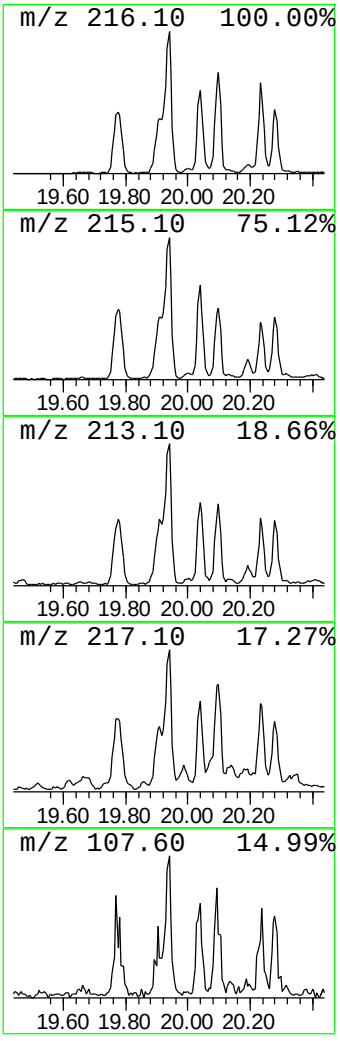
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.57 ng/ul	1023300	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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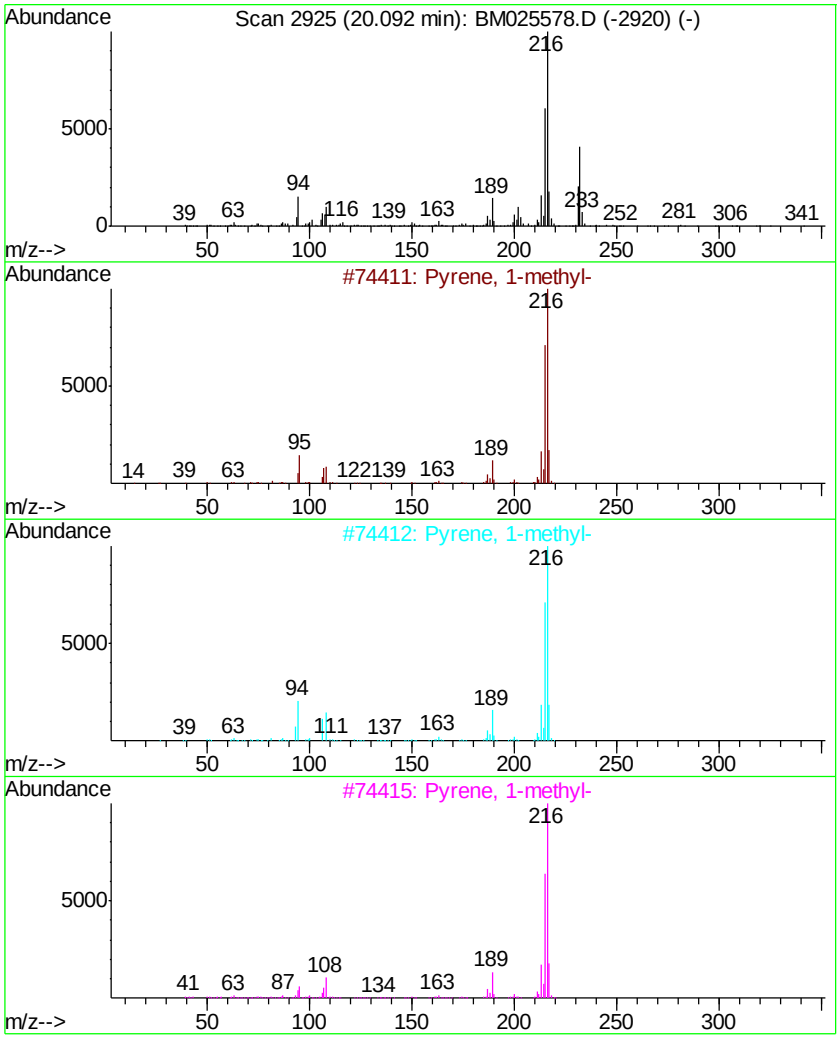
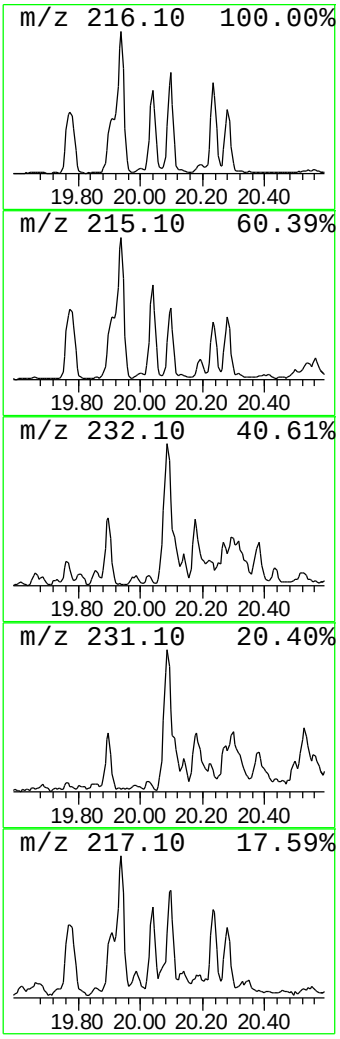
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.09 ng/ul	834707	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90





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Misc :
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Instrument : BNA_M
ClientSampleId : B0AG5

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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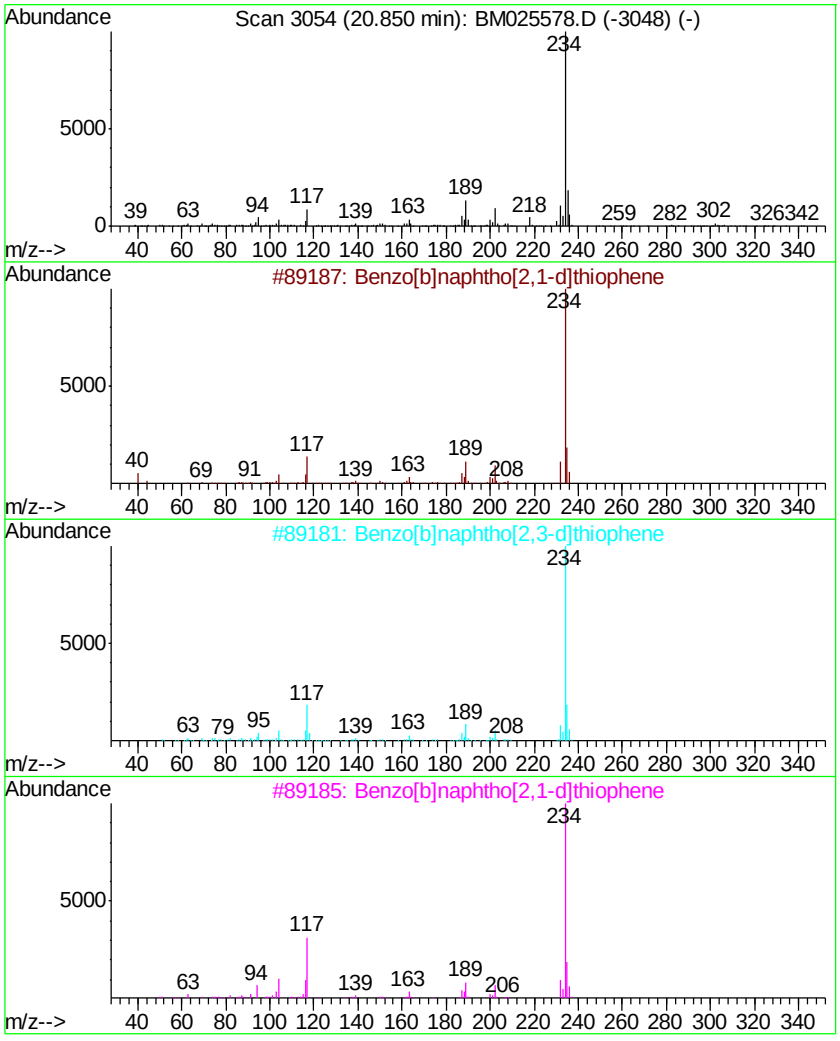
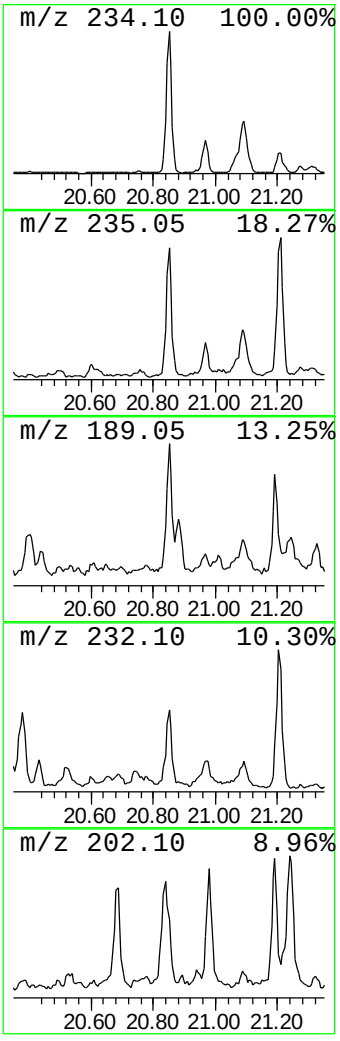
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.17 ng/ul	865871	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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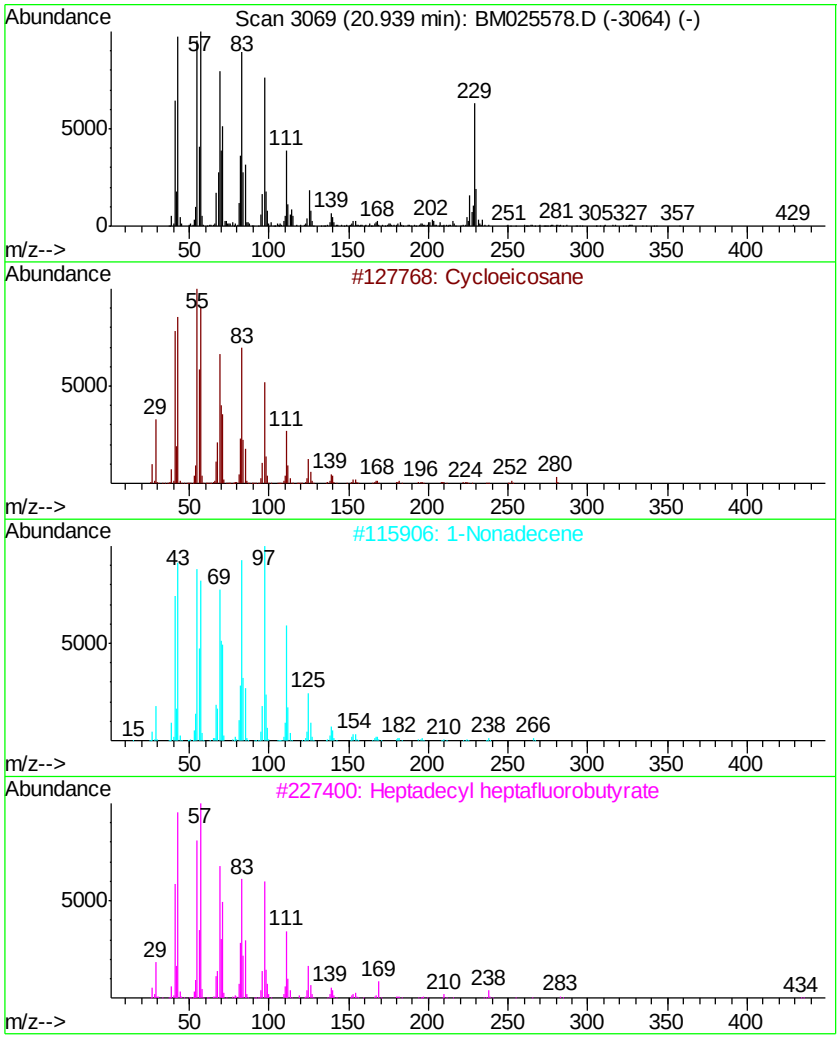
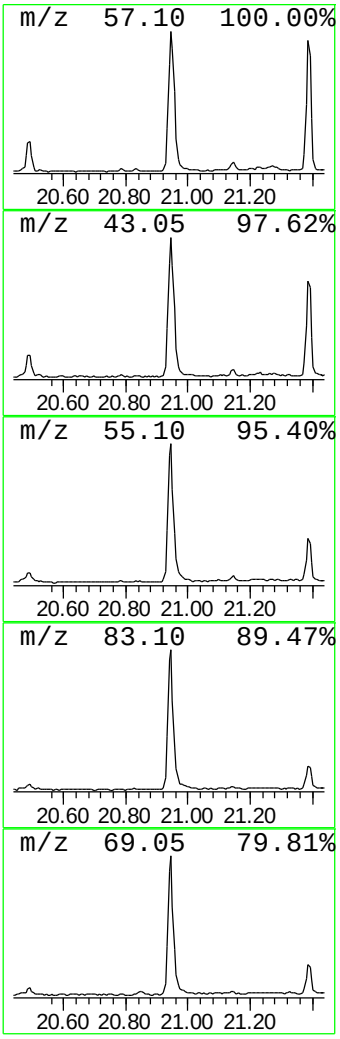
Peak Number 16 (DEL) Alkane: Cyclic20.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	7.08 ng/ul	2823880	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	1-Nonadecene	266	C19H38	018435-45-5	97
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	1-Heneicosanol	312	C21H44O	015594-90-8	86
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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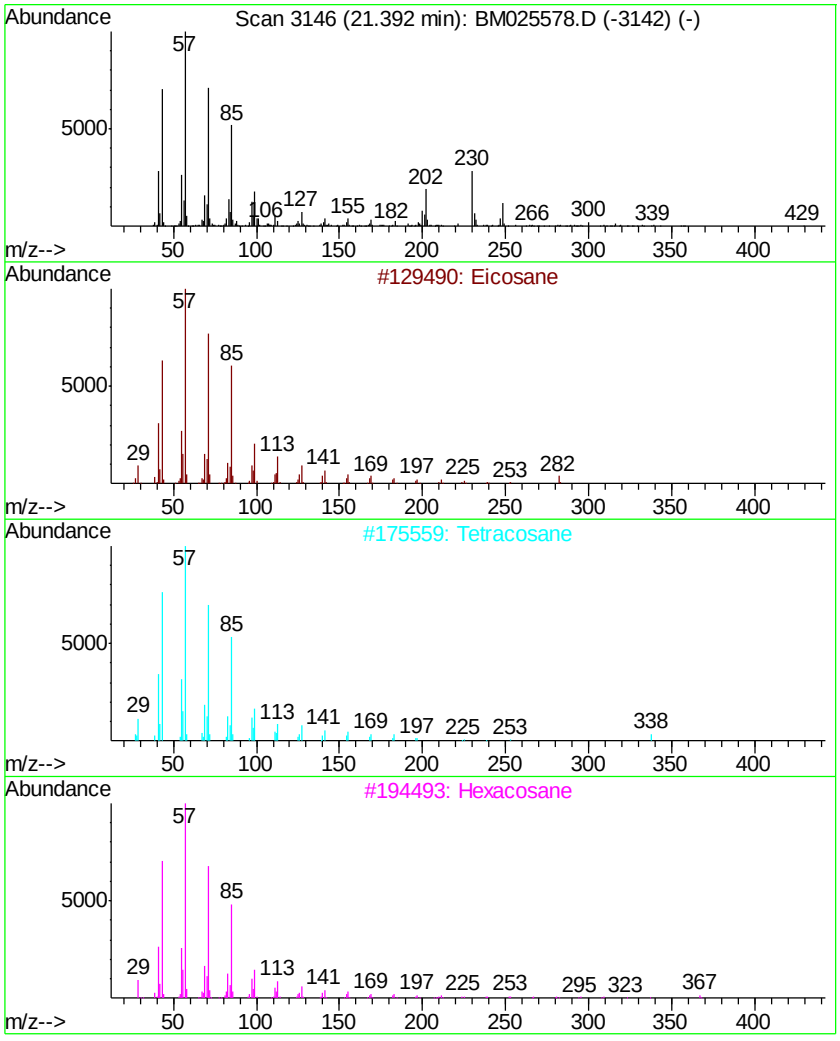
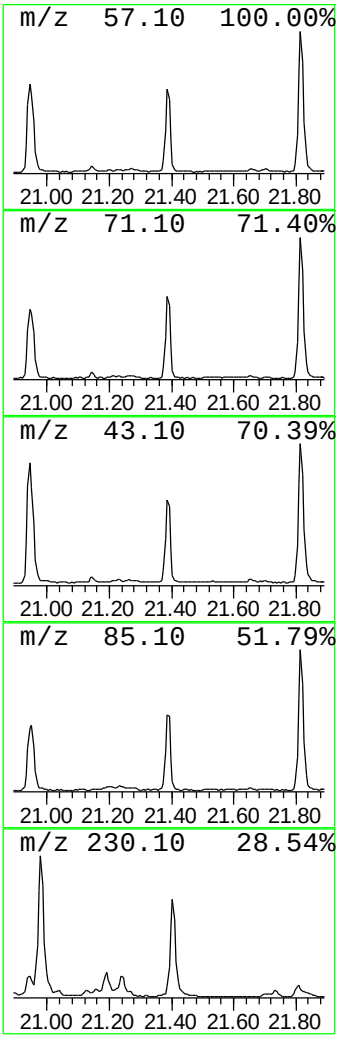
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.73 ng/ul	1086320	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetracosane	338	C24H50	000646-31-1	70
3	Hexacosane	366	C26H54	000630-01-3	70
4	Tetratetracontane	619	C44H90	007098-22-8	70
5	2-methyloctacosane	408	C29H60	1000376-72-8	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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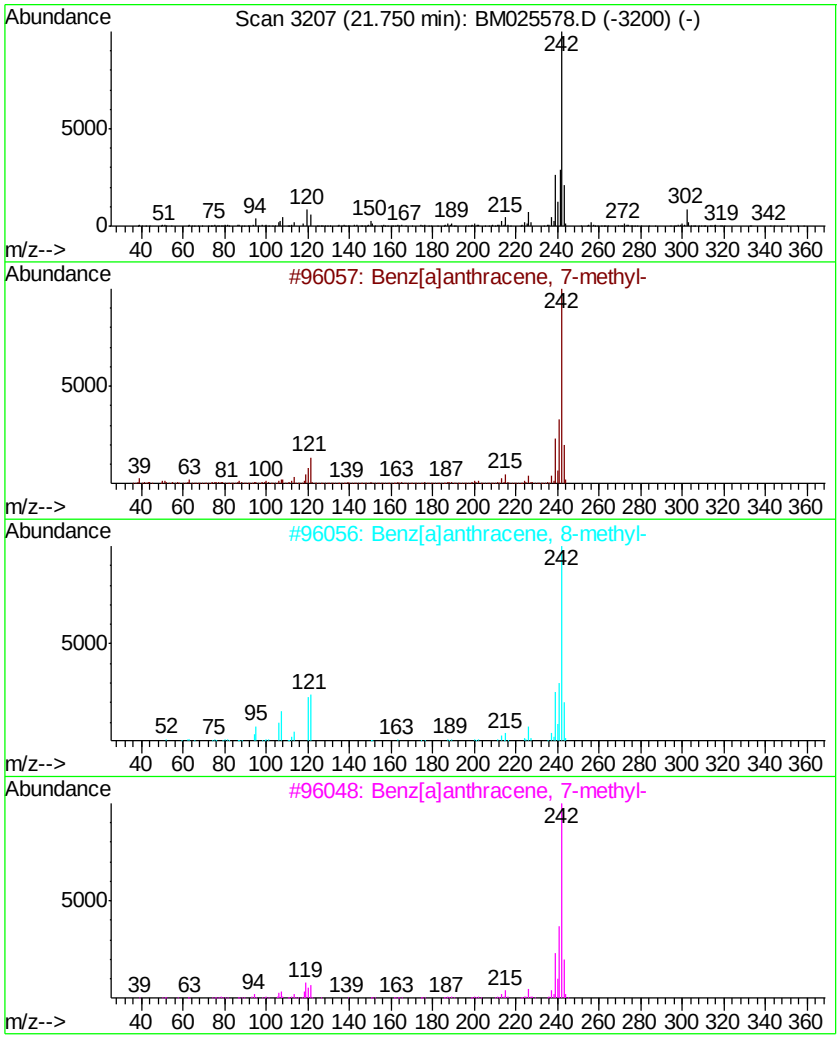
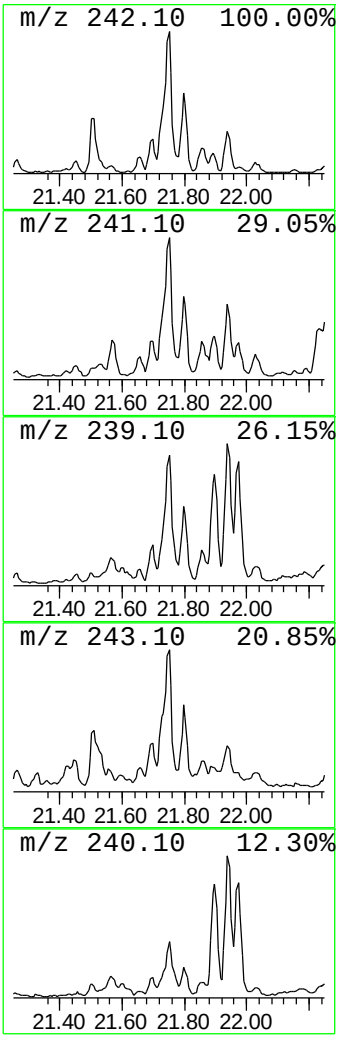
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	3.61 ng/ul	1437700	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90





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Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

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TIC Integration Parameters: LSCINT.P

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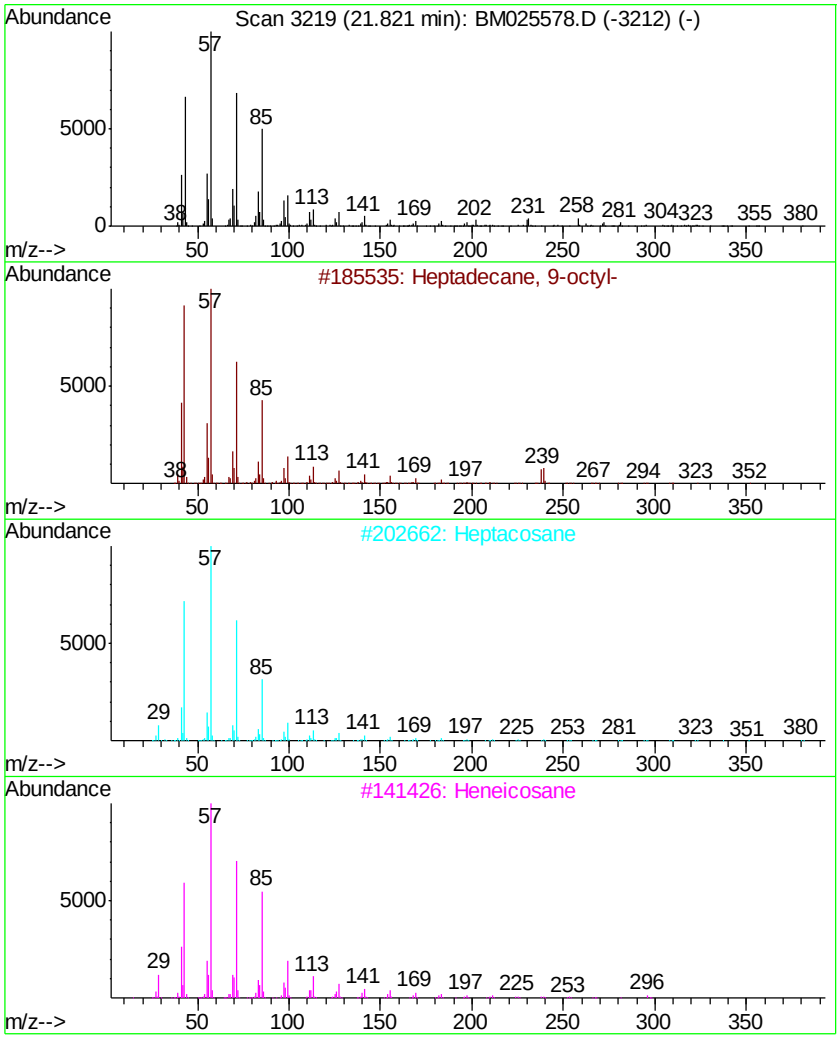
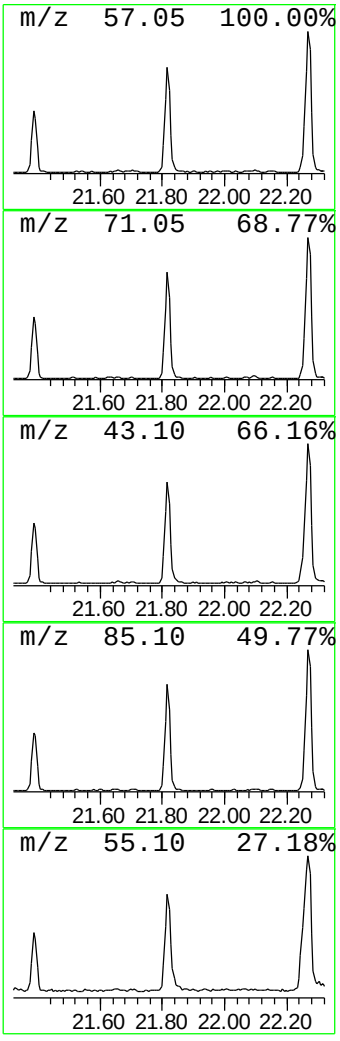
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	5.42 ng/ul	2162030	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Heptacosane	380	C27H56	000593-49-7	95
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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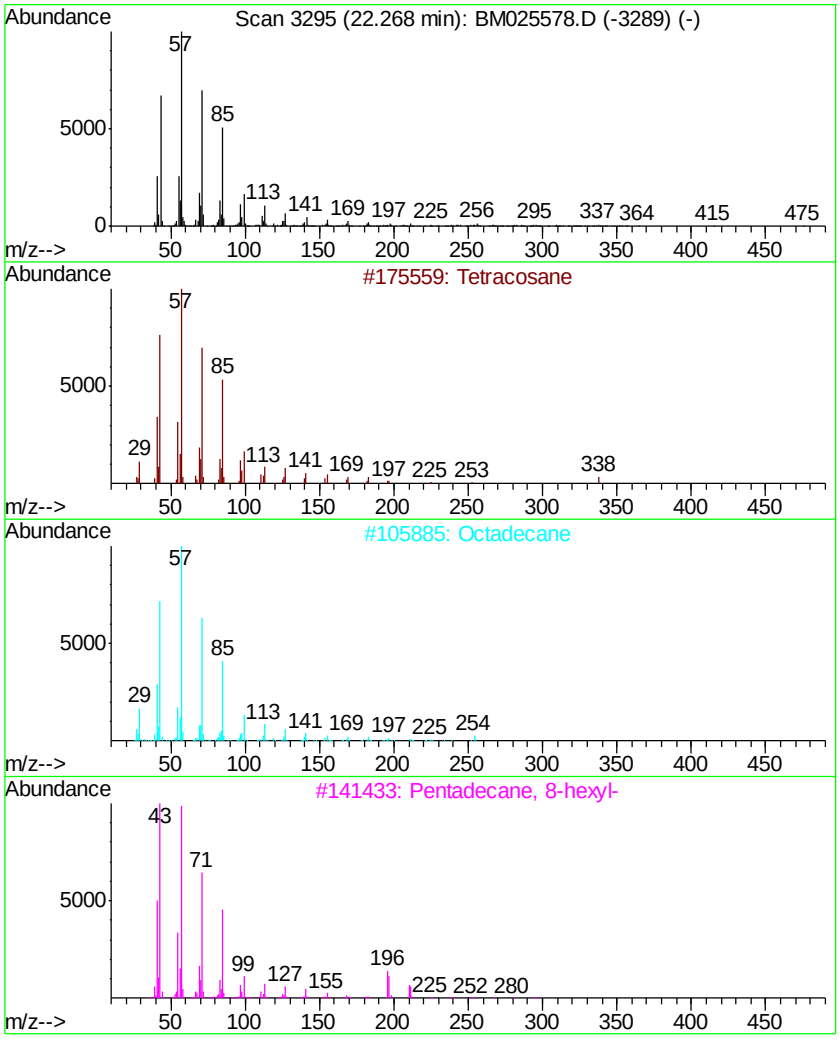
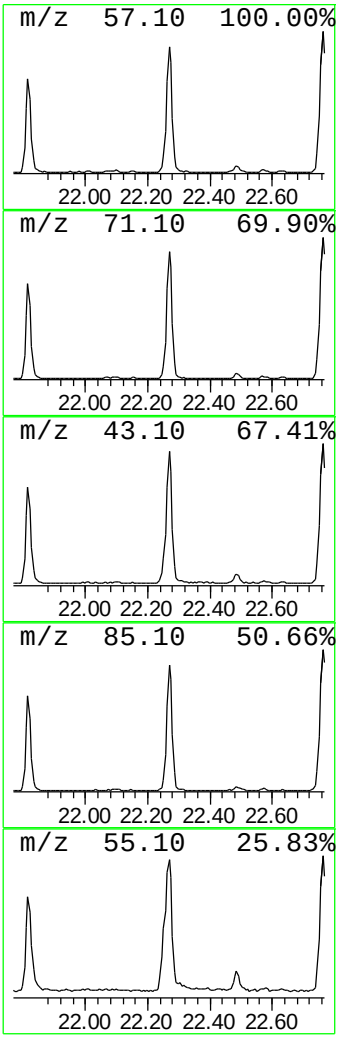
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	7.45 ng/ul	2971350	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	99
2	Octadecane	254	C18H38	000593-45-3	97
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Tetracosane	338	C24H50	000646-31-1	94
5	Tricosane	324	C23H48	000638-67-5	93





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Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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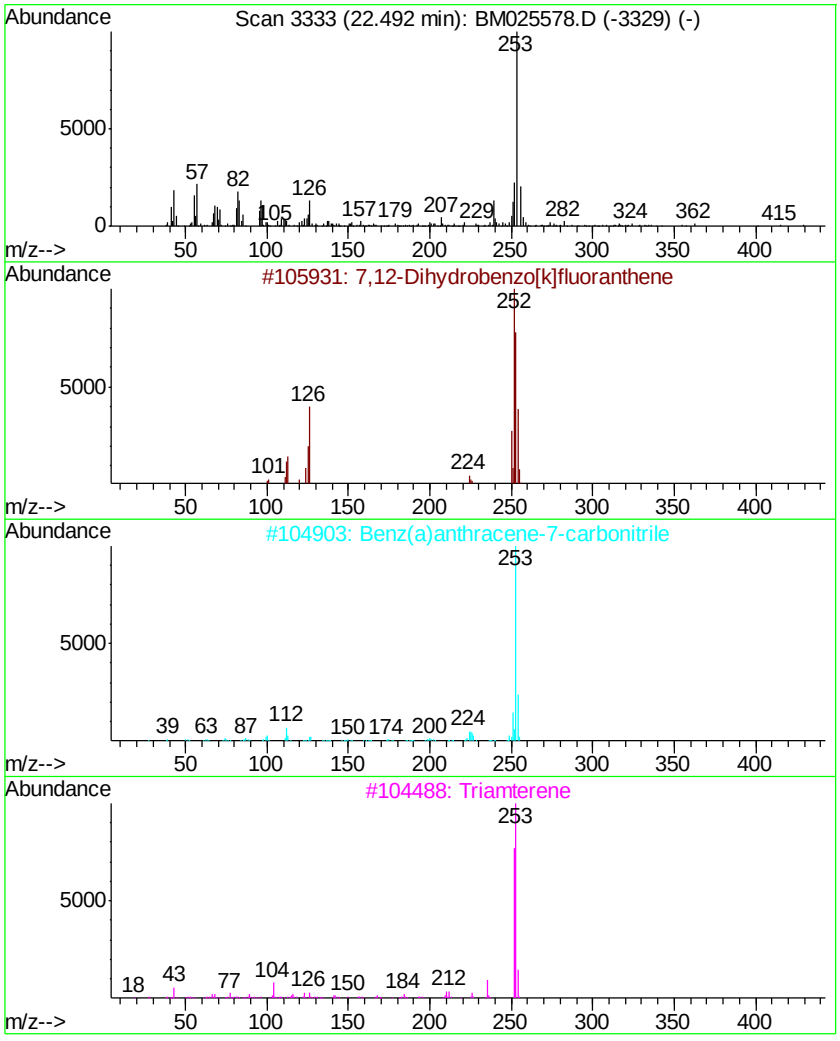
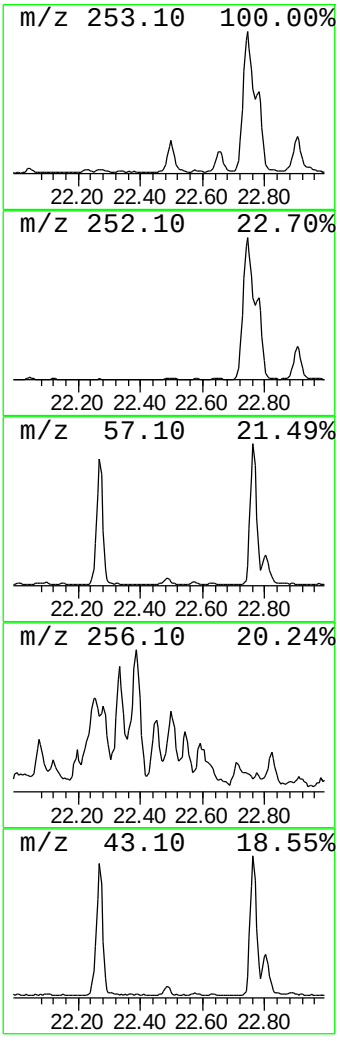
Peak Number 21 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	6.17 ng/ul	929142	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	32
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	27
3	Triamterene	253	C12H11N7	000396-01-0	22
4	Benzo[5,6][1,4]dioxino[2,3-c]pyr...	253	C11H5ClFNO3	1000302-85-2	22
5	Naphthalene, 1-(2-bromo-1-naphth...	332	C20H13Br	207611-58-3	17





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Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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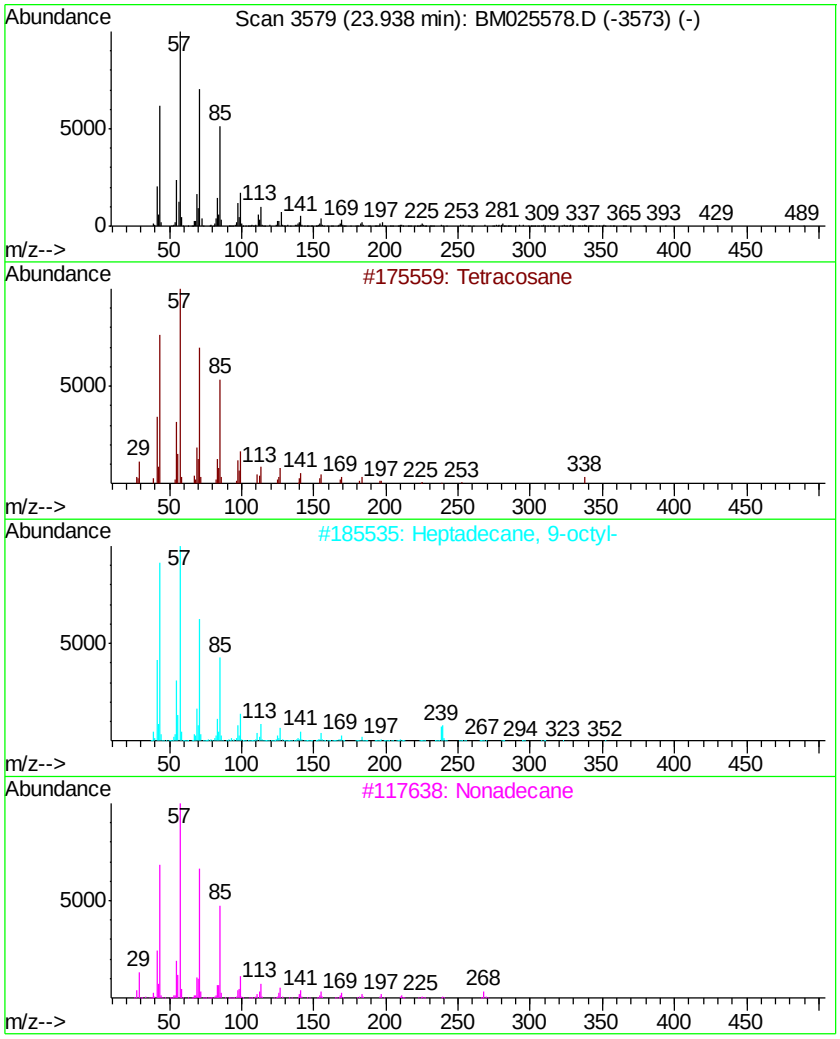
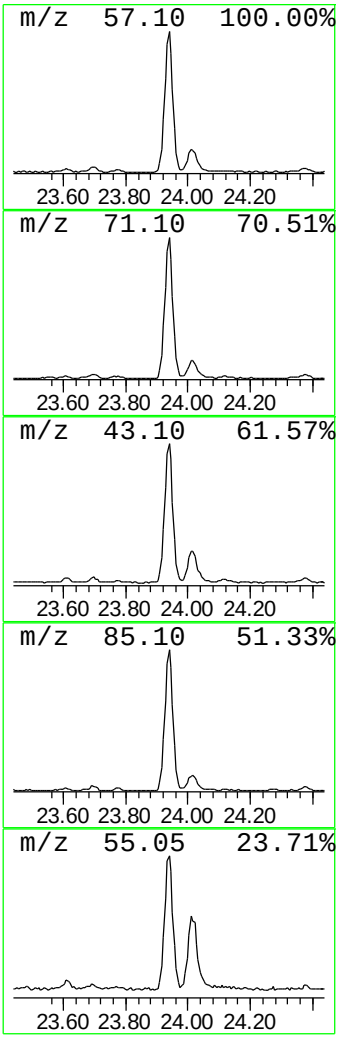
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	16.79 ng/ul	2529670	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Nonadecane	268	C19H40	000629-92-5	95
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94





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Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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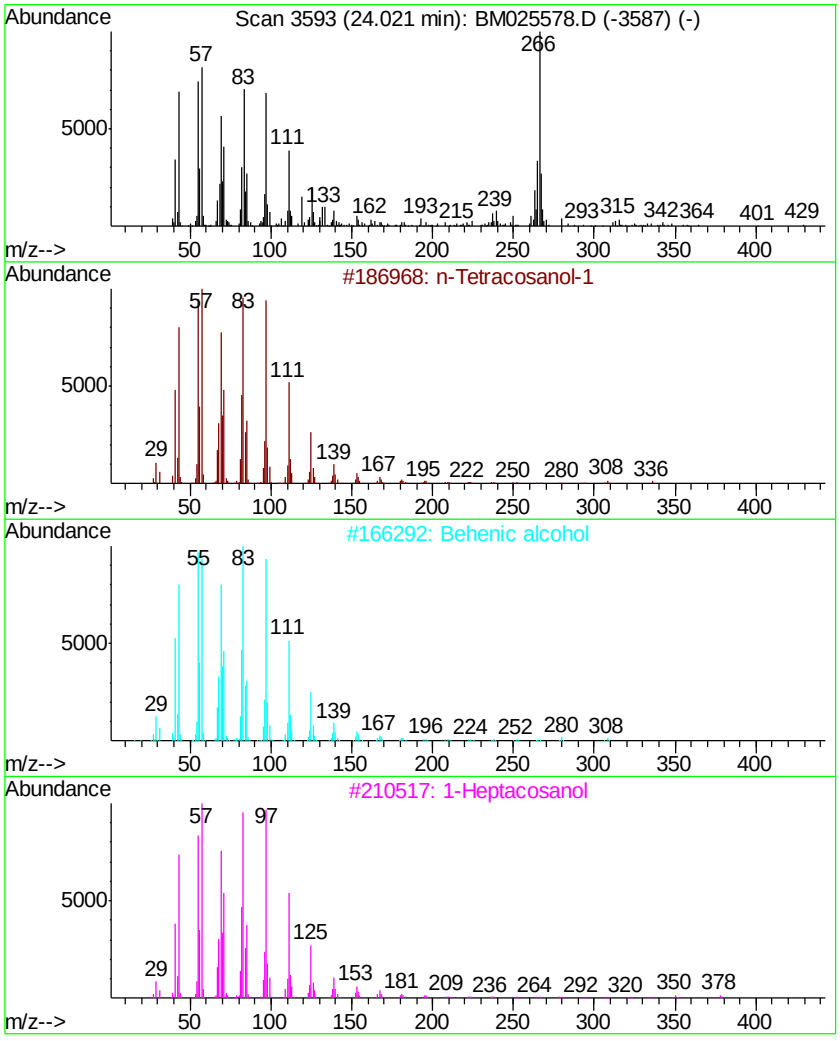
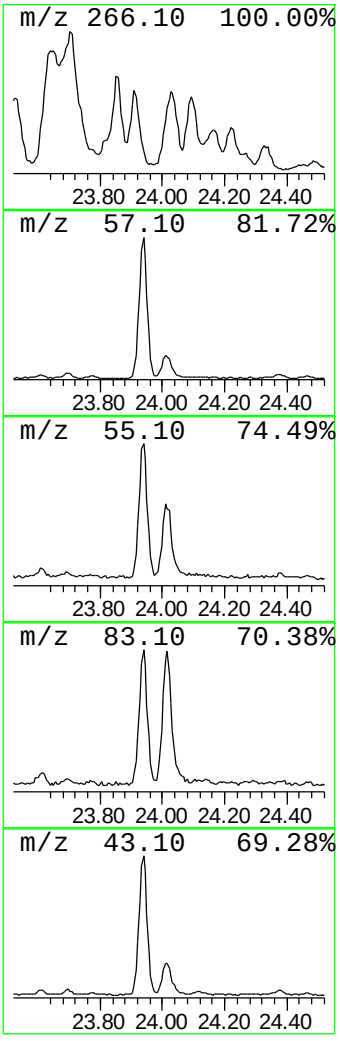
Peak Number 24 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	7.07 ng/ul	1065090	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	84
4	1-Heptadecene	238	C17H34	006765-39-5	78
5	1-Octadecene	252	C18H36	000112-88-9	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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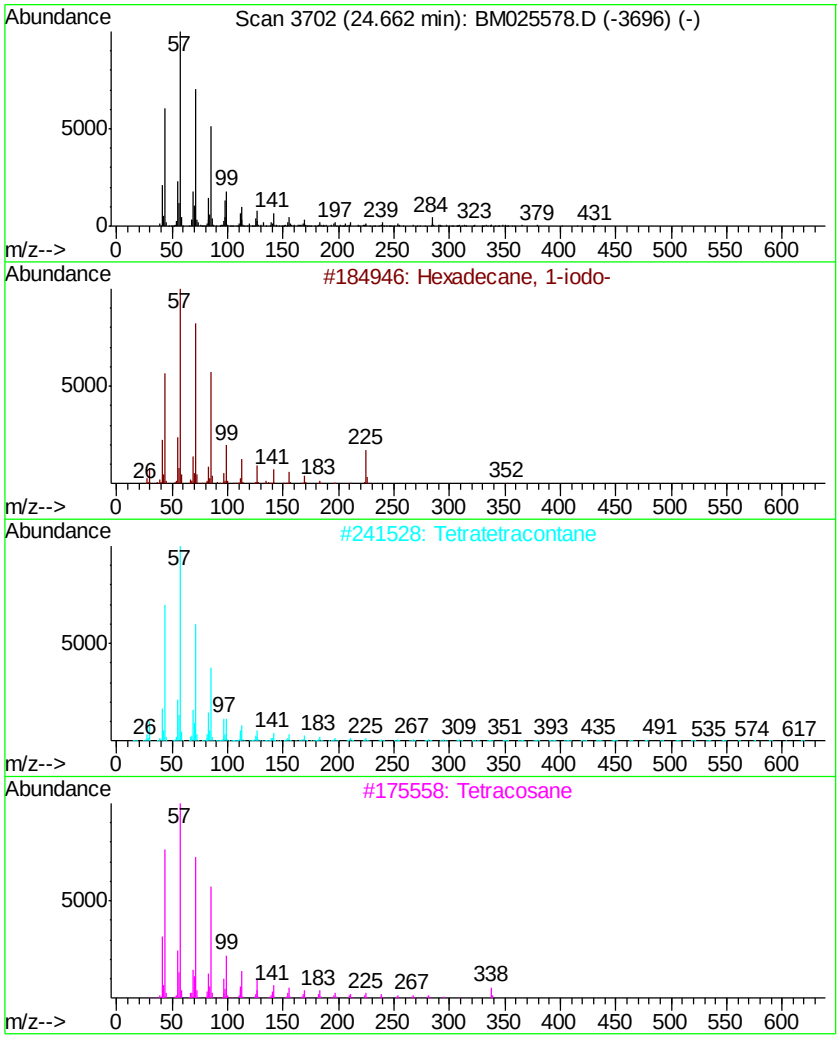
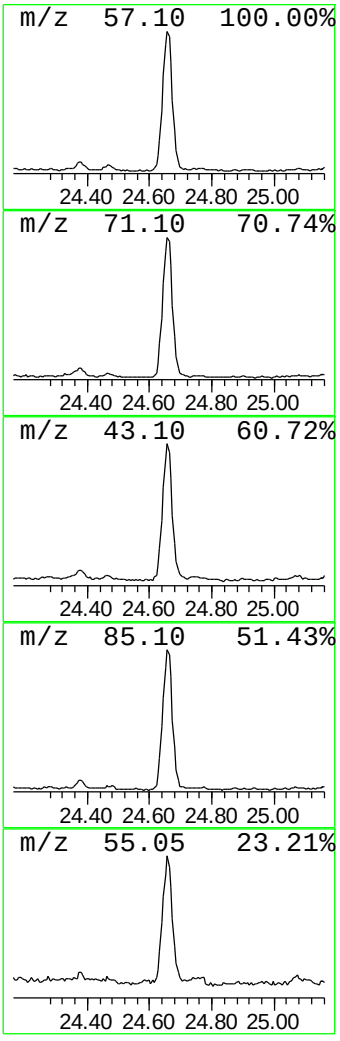
Peak Number 25 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	7.85 ng/ul	1182240	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Tetratetracontane	619	C44H90	007098-22-8	94
3	Tetracosane	338	C24H50	000646-31-1	93
4	Hexacosane	366	C26H54	000630-01-3	93
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025578.D
Acq On : 16 Mar 2020 13:57
Operator : CG/JU
Sample : L1906-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.98	59.2	ng/ul	3105970	1	7.64	1050090	20.0
Phenanthrene, 2-m...	17.89	3.4	ng/ul	431080	4	17.02	2549100	20.0
n-Hexadecanoic acid	17.94	13.2	ng/ul	1678720	4	17.02	2549100	20.0
4H-Cyclopenta[def...	18.08	6.6	ng/ul	846340	4	17.02	2549100	20.0
Phenanthrene, 1-m...	18.12	2.3	ng/ul	296782	4	17.02	2549100	20.0
9,10-Anthracenedione	18.43	2.6	ng/ul	326040	4	17.02	2549100	20.0
9,10-Dimethylanth...	18.82	4.1	ng/ul	523763	4	17.02	2549100	20.0
unknown-01	18.87	2.8	ng/ul	353425	4	17.02	2549100	20.0
Cyclopenta(def)ph...	18.95	3.4	ng/ul	438411	4	17.02	2549100	20.0
Pyrene, 1-methyl-	19.77	2.3	ng/ul	925181	5	21.20	7972990	20.0
11H-Benzo[b]fluorene	19.94	2.6	ng/ul	1023300	5	21.20	7972990	20.0
Fluoranthene, 2-m...	20.09	2.1	ng/ul	834707	5	21.20	7972990	20.0
Benzo[b]naphtho[2...	20.85	2.2	ng/ul	865871	5	21.20	7972990	20.0
(DEL) Alkane: Cyc...	20.94	7.1	ng/ul	2823880	5	21.20	7972990	20.0
(DEL) Alkane: Str...	21.39	2.7	ng/ul	1086320	5	21.20	7972990	20.0
Benz[a]anthracene...	21.75	3.6	ng/ul	1437700	5	21.20	7972990	20.0
(DEL) Alkane: Str...	21.82	5.4	ng/ul	2162030	5	21.20	7972990	20.0
(DEL) Alkane: Str...	22.27	7.5	ng/ul	2971350	5	21.20	7972990	20.0
unknown-02	22.49	6.2	ng/ul	929142	6	23.39	3013240	20.0
(DEL) Alkane: Str...	23.94	16.8	ng/ul	2529670	6	23.39	3013240	20.0
n-Tetracosanol-1	24.02	7.1	ng/ul	1065090	6	23.39	3013240	20.0
Hexadecane, 1-iodo-	24.66	7.8	ng/ul	1182240	6	23.39	3013240	20.0