LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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	29	rVB	1099285	1351810	14.76%	1.180%
2	6.816	662	668	680	rVB	413880	658666	7.19%	0.575%
3	6.981	690	696	703	rBV	314503	481259	5.26%	0.420%
4	7.175	723	729	738	rBV	437539	672969	7.35%	0.588%
5	7.640	800	808	817	rBV	763313	1183764	12.93%	1.034%
6	8.340	921	927	936	rBV2	530402	817266	8.93%	0.714%
7	8.781	995	1002	1009	rBV	388264	629486	6.87%	0.550%
8	9.498	1116	1124	1131	rBV	302099	508839	5.56%	0.444%
9	10.028	1208	1214	1226	rVB	543973	888890	9.71%	0.776%
10	10.404	1269	1278	1284	rBV	1070576	1730126	18.89%	1.511%
11	10.539	1294	1301	1317	rBV	406260	725770	7.93%	0.634%
12	13.686	1831	1836	1840	rVV	918968	1275613	13.93%	1.114%
13	13.733	1840	1844	1849	rVB	214470	299942	3.28%	0.262%
14	13.957	1875	1882	1897	rBV	1129277	1779128	19.43%	1.553%
15	14.269	1928	1935	1941	rVV	1609057	2333055	25.48%	2.037%
16	14.333	1941	1946	1954	rVV	249038	361605	3.95%	0.316%
17	14.469	1963	1969	1980	rVV	362842	569267	6.22%	0.497%
18	14.674	1994	2004	2013	rVV2	116894	220445	2.41%	0.192%
19	15.263	2098	2104	2109	rVV	1375405	1969111	21.50%	1.719%
20	15.321	2109	2114	2119	rVV	262669	377600	4.12%	0.330%
21	15.386	2119	2125	2132	rVV	280828	432887	4.73%	0.378%
22	15.621	2160	2165	2176	rVV	91938	154431	1.69%	0.135%
23	15.763	2176	2189	2198	rVV	95266	214833	2.35%	0.188%
24	16.327	2282	2285	2290	rVV3	62524	108782	1.19%	0.095%
25	16.563	2316	2325	2328	rBV4	65821	134746	1.47%	0.118%
26	16.668	2338	2343	2351	rVB	111458	196820	2.15%	0.172%
27	16.751	2351	2357	2363	rBV	66147	128799	1.41%	0.112%
28	16.833	2363	2371	2375	rVV	134974	219801	2.40%	0.192%
29	17.015	2392	2402	2405	rBV	1837107	2683665	29.31%	2.343%
30	17.057	2405	2409	2414	rVV	3635723	4812534	52.56%	4.202%
31	17.110	2414	2418	2422	rVV2	1498833	2242004	24.48%	1.957%
32	17.145	2422	2424	2430	rVB	925579	1043567	11.40%	0.911%
33	17.204	2430	2434	2440	rVB3	68672	112183	1.23%	0.098%
34	17.415	2460	2470	2474	rBV2	157527	293330	3.20%	0.256%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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	17.539	2487	2491	2495	rVV	90812	126526	1.38%	0.110%
36	17.892	2542	2551	2554	rVV	371693	548040	5.99%	0.478%
37	17.933	2554	2558	2565	rVB	599147	863240	9.43%	0.754%
38	18.015	2566	2572	2577	rBV	212669	309738	3.38%	0.270%
39	18.080	2577	2583	2587	rVV2	645790	1106058	12.08%	0.966%
40	18.121	2587	2590	2597	rVB	255782	343422	3.75%	0.300%
41	18.392	2631	2636	2639	rVV	345997	473611	5.17%	0.414%
42	18.427	2639	2642	2649	rVB	232862	306516	3.35%	0.268%
43	18.645	2675	2679	2683	rVV3	98282	134470	1.47%	0.117%
44	18.692	2683	2687	2690	rVV	92199	112780	1.23%	0.098%
45	18.733	2690	2694	2698	rVB2	99503	130343	1.42%	0.114%
46	18.815	2702	2708	2713	rBV	250121	421971	4.61%	0.368%
47	18.874	2713	2718	2722	rVV2	145436	277696	3.03%	0.242%
48	18.951	2727	2731	2740	rVB2	260267	430341	4.70%	0.376%
49	19.074	2744	2752	2759	rBV	6789633	9156736	100.00%	7.995%
50	19.174	2766	2769	2773	rVB2	93132	128753	1.41%	0.112%
51	19.221	2773	2777	2781	rVB2	107003	144265	1.58%	0.126%
52	19.274	2781	2786	2789	rBV4	76913	158985	1.74%	0.139%
53	19.315	2789	2793	2798	rVB	150016	215148	2.35%	0.188%
54	19.409	2804	2809	2811	rBV2	2793098	3844548	41.99%	3.357%
55	19.439	2811	2814	2822	rVV	5677963	7458493	81.45%	6.512%
56	19.509	2822	2826	2834	rVB2	201606	368748	4.03%	0.322%
57	19.621	2840	2845	2850	rBV	287945	395346	4.32%	0.345%
58	19.680	2850	2855	2861	rVB	234603	374753	4.09%	0.327%
59	19.774	2863	2871	2876	rBV2	312404	800900	8.75%	0.699%
60	19.815	2876	2878	2882	rVB2	98149	109886	1.20%	0.096%
61	19.904	2889	2893	2895	rBV3	249612	376416	4.11%	0.329%
62	19.939	2895	2899	2904	rVB	606720	849037	9.27%	0.741%
63	19.992	2904	2908	2912	rBV4	82745	129522	1.41%	0.113%
64	20.039	2912	2916	2920	rBV	360753	428030	4.67%	0.374%
65	20.092	2920	2925	2930	rBV2	446579	698710	7.63%	0.610%
66	20.139	2930	2933	2937	rVB2	96199	117854	1.29%	0.103%
67	20.180	2937	2940	2946	rBV4	102404	139939	1.53%	0.122%
68	20.233	2946	2949	2953	rBV	225622	278705	3.04%	0.243%
69	20.280	2953	2957	2961	rBV2	251078	366027	4.00%	0.320%
70	20.392	2973	2976	2982	rVB5	79896	147301	1.61%	0.129%
71	20.492	2990	2993	2996	rBV3	129763	184632	2.02%	0.161%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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	20.686	3022	3026	3032	rVB	433904	626502	6.84%	0.547%
73	20.851	3048	3054	3058	rBV2	434133	766203	8.37%	0.669%
74	20.892	3058	3061	3064	rVV	476930	574859	6.28%	0.502%
75	20.939	3064	3069	3073	rVV3	629156	1310517	14.31%	1.144%
76	20.980	3073	3076	3085	rVB	570353	856301	9.35%	0.748%
77	21.198	3107	3113	3118	rBV3	4026897	7839778	85.62%	6.845%
78	21.245	3118	3121	3128	rVB	2724666	3464082	37.83%	3.024%
79	21.356	3137	3140	3144	rBV	485287	677601	7.40%	0.592%
80	21.462	3155	3158	3162	rVB2	233794	318147	3.47%	0.278%
81	21.515	3162	3167	3172	rBV2	370491	599480	6.55%	0.523%
82	21.698	3195	3198	3201	rBV2	128965	173180	1.89%	0.151%
83	21.750	3203	3207	3211	rVV	449567	621879	6.79%	0.543%
84	21.815	3212	3218	3223	rVB3	326693	642435	7.02%	0.561%
85	21.939	3236	3239	3242	rBV	242696	327022	3.57%	0.286%
86	21.974	3243	3245	3250	rVB3	271673	300563	3.28%	0.262%
87	22.268	3292	3295	3301	rVB2	453719	606212	6.62%	0.529%
88	22.392	3313	3316	3320	rVB	206510	259120	2.83%	0.226%
89	22.745	3369	3376	3392	rBV	2591318	8433098	92.10%	7.363%
90	22.903	3399	3403	3409	rVB	489080	785084	8.57%	0.685%
91	23.033	3421	3425	3434	rBV4	171843	469794	5.13%	0.410%
92	23.203	3448	3454	3458	rBV	1373407	2494399	27.24%	2.178%
93	23.250	3458	3462	3465	rVV	1399391	2340432	25.56%	2.043%
94	23.297	3465	3470	3478	rVB	2253383	4650944	50.79%	4.061%
95	23.386	3479	3485	3490	rVV	1734582	3291842	35.95%	2.874%
96	23.433	3490	3493	3501	rVB2	654816	1203326	13.14%	1.051%
97	23.939	3575	3579	3586	rVB	521473	932789	10.19%	0.814%
98	24.656	3697	3701	3708	rVB	271783	514000	5.61%	0.449%
99	25.550	3847	3853	3862	rVB2	1193578	3147065	34.37%	2.748%
100	26.209	3957	3965	3980	rVB	742885	2237180	24.43%	1.953%

Sum of corrected areas: 114534313

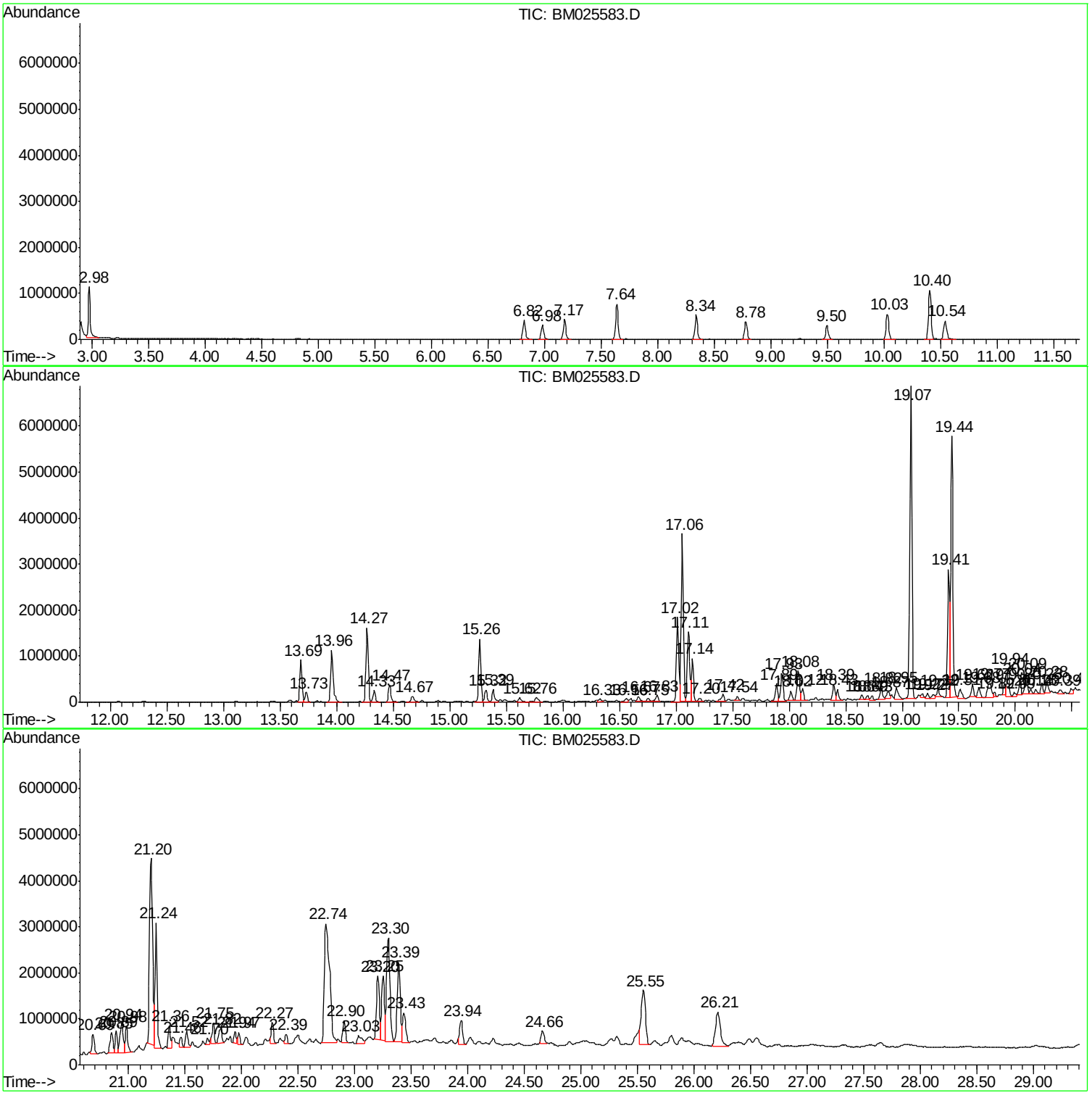
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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 : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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

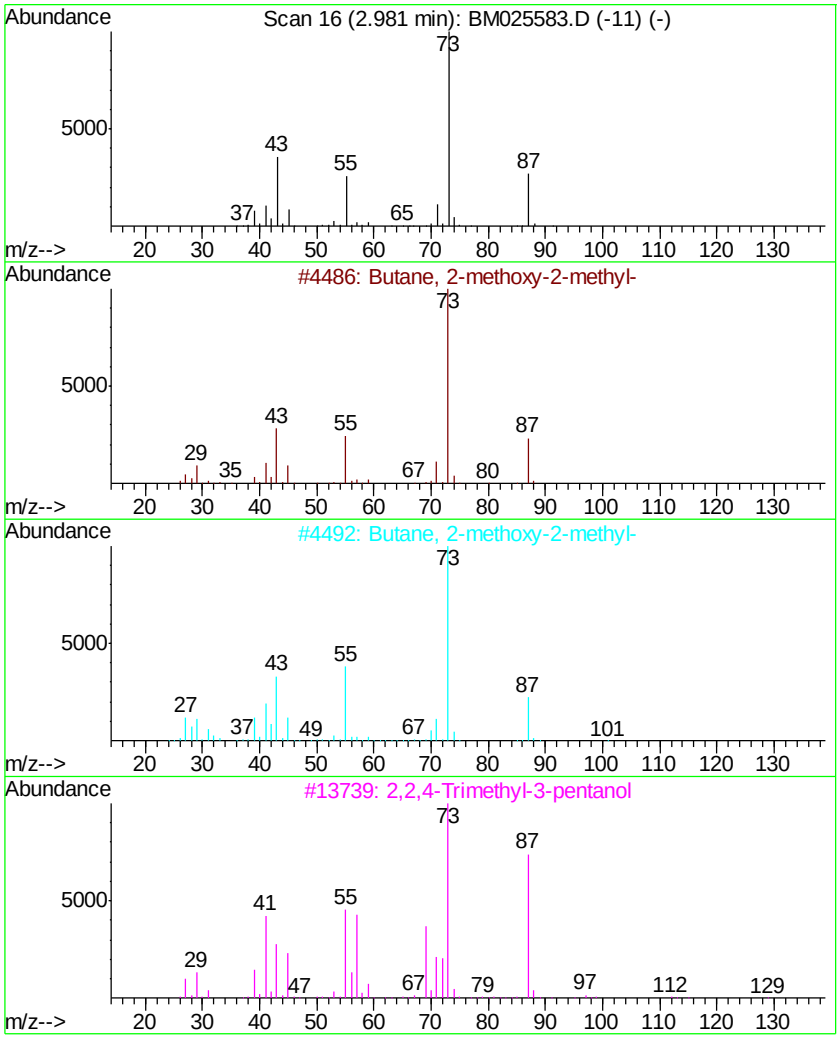
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

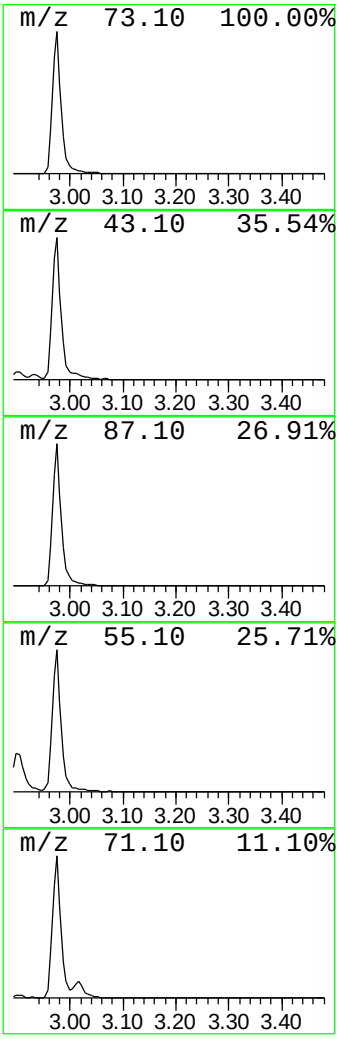
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	22.84 ng/ul	1351810	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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

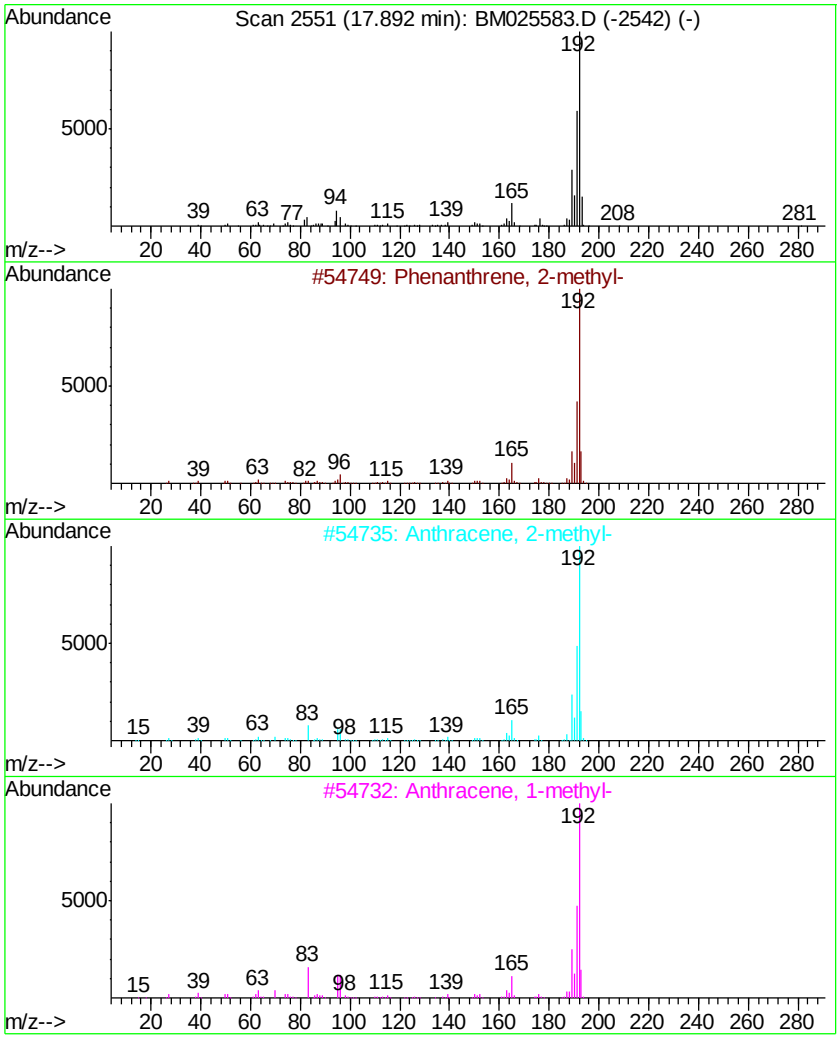
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

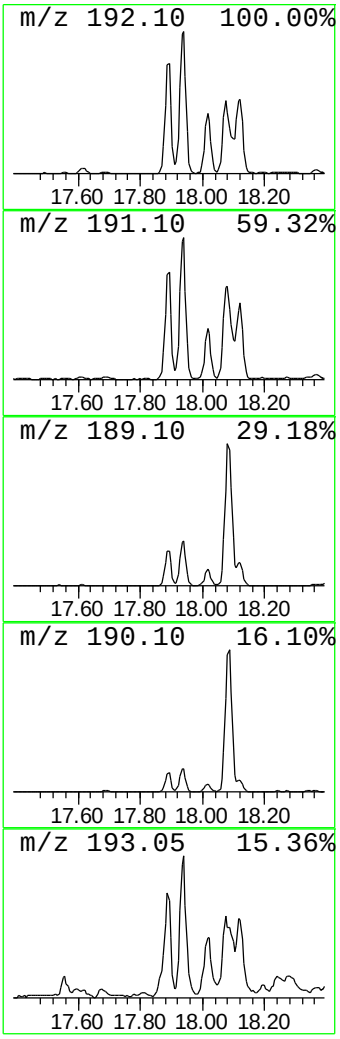
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.08 ng/ul	548040	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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

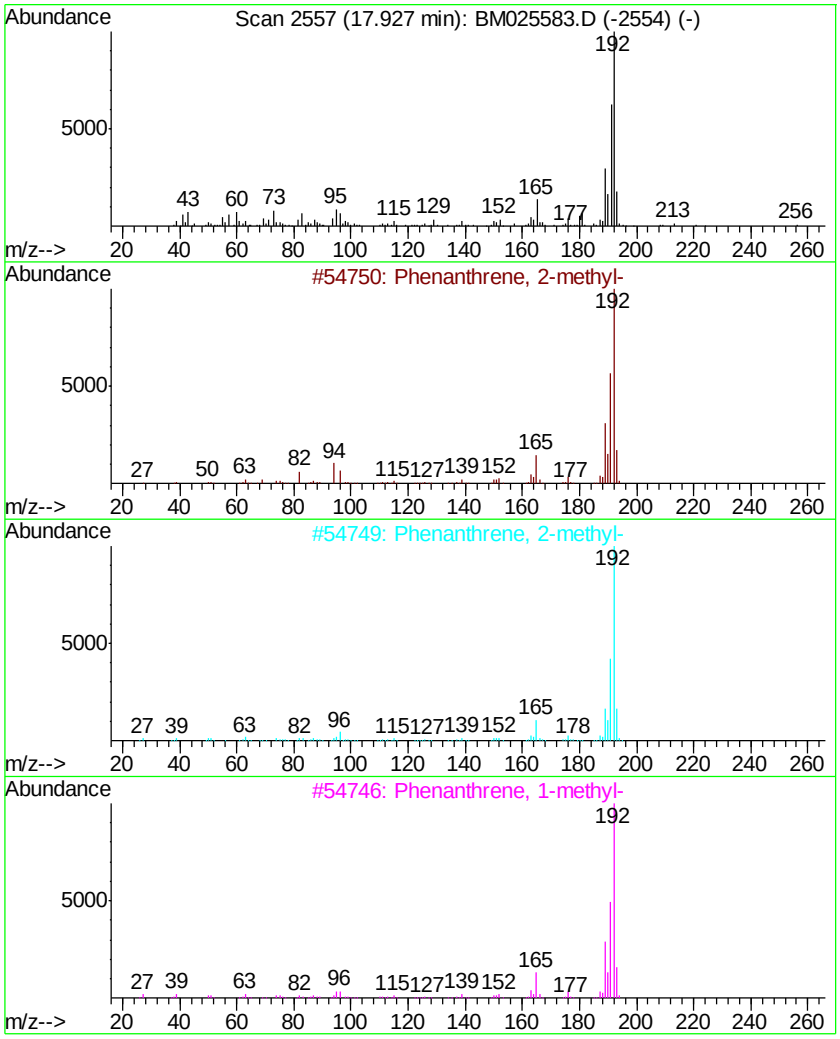
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

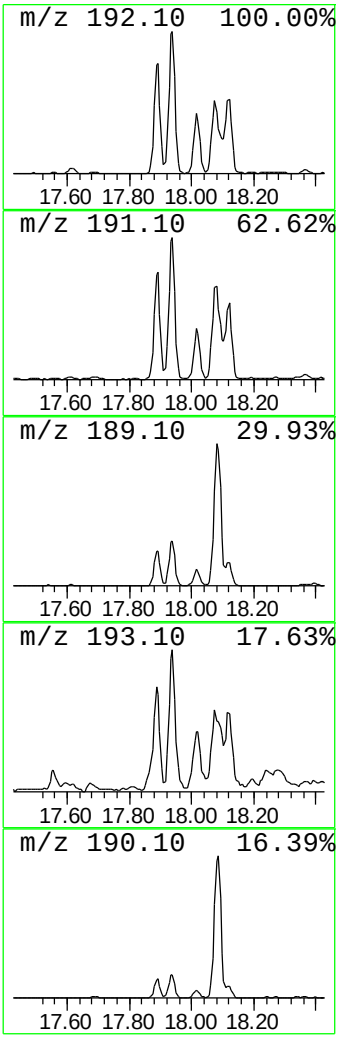
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.43 ng/ul	863240	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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

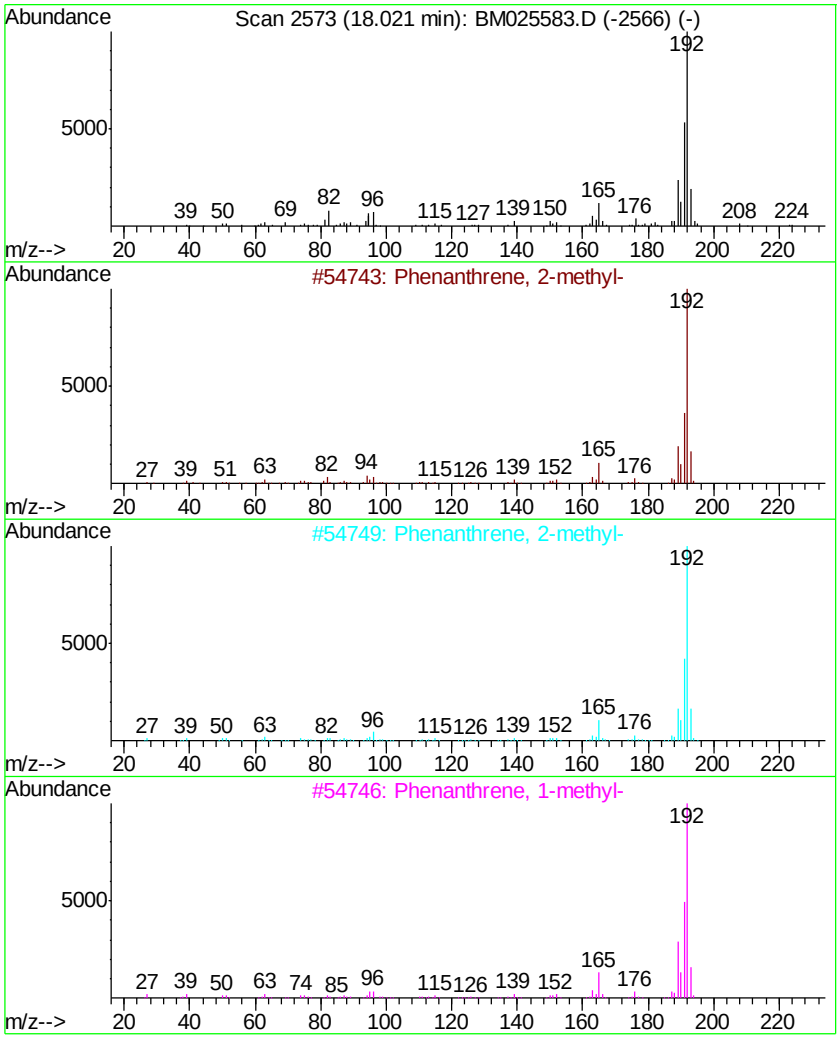
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

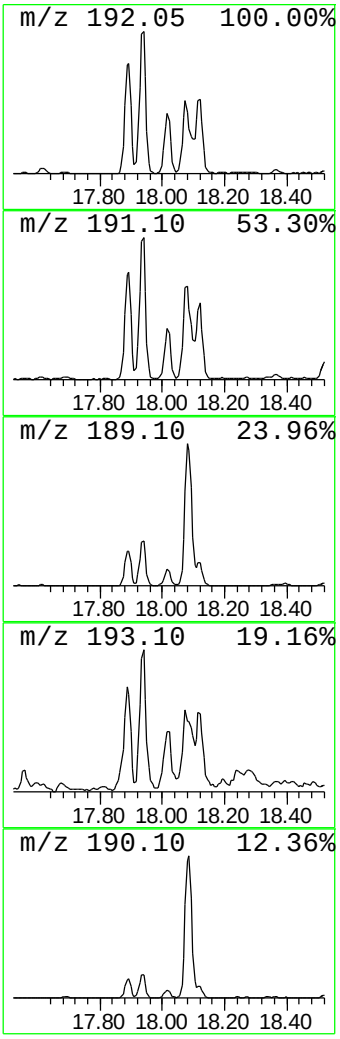
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.31 ng/ul	309738	Phenanthrene-d10	17.02

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, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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

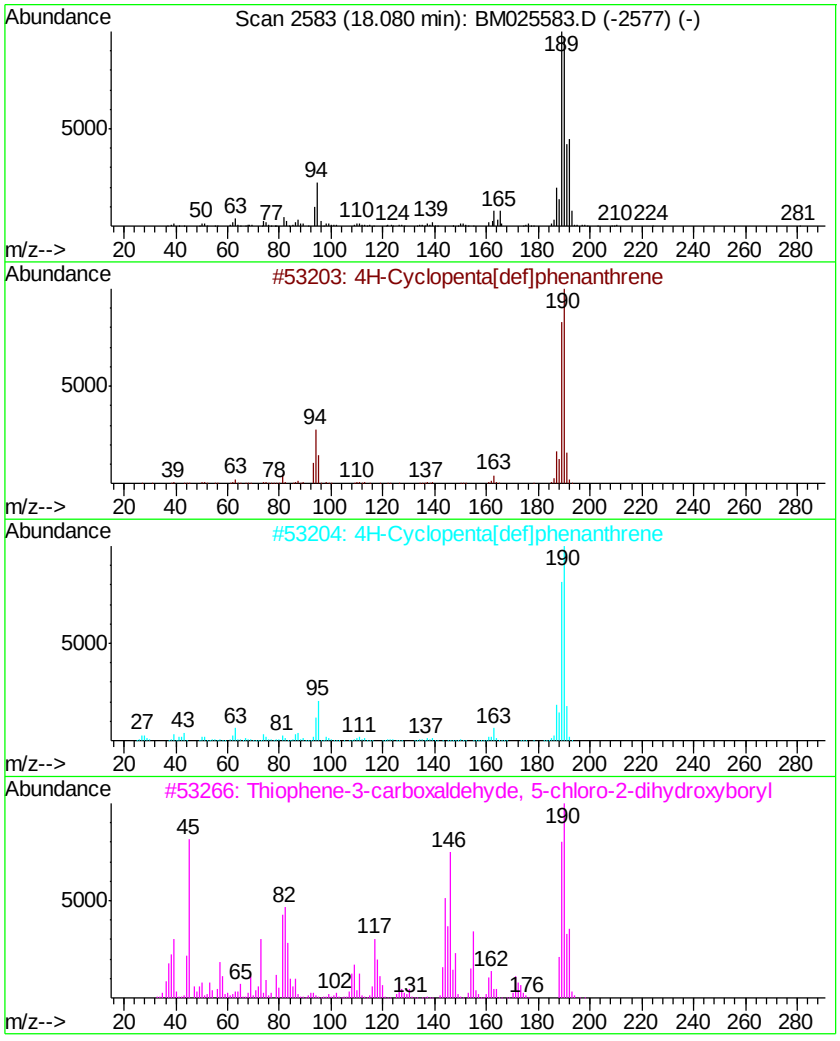
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

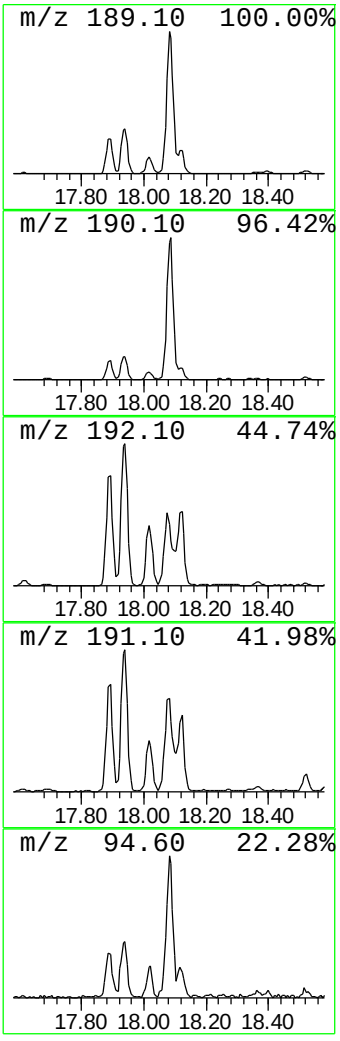
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	8.24 ng/ul	1106060	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42





Library Search Compound Report

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Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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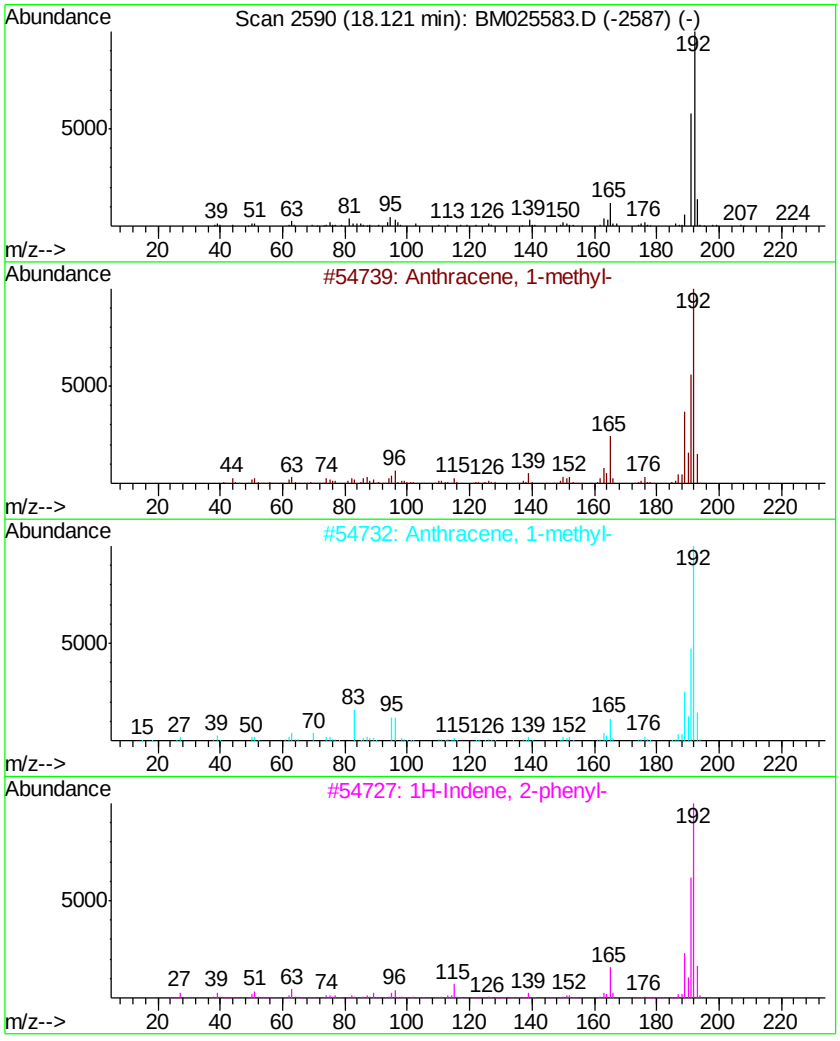
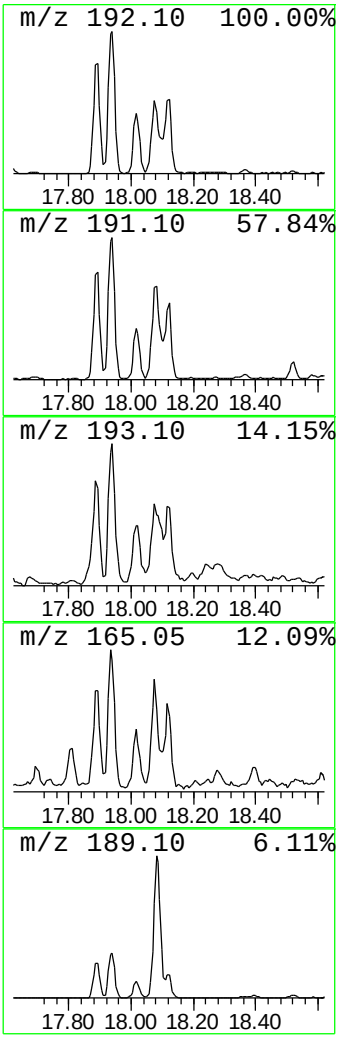
Peak Number 6 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.56 ng/ul	343422	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Sample : L1906-03DL 2X
Misc :
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Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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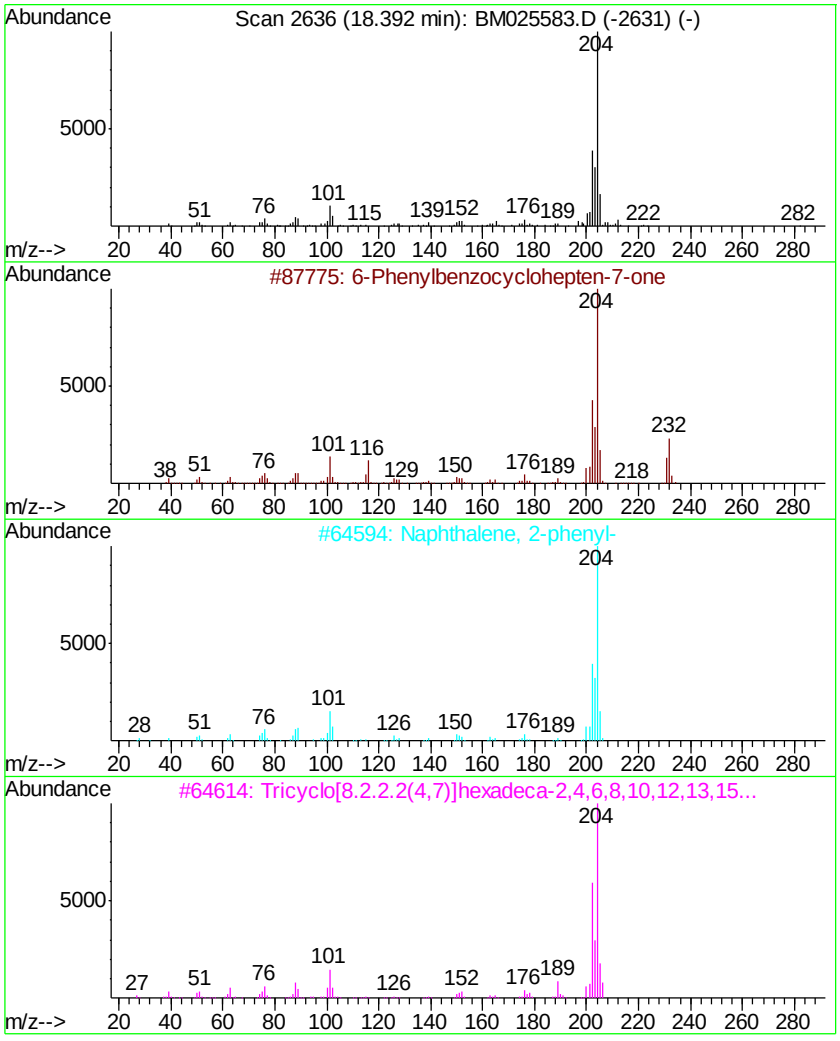
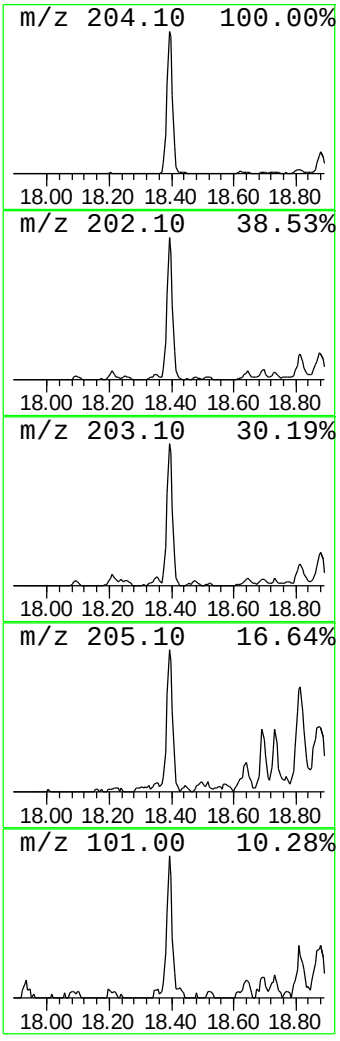
Peak Number 7 6-Phenylbenzocyclohepten-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	3.53 ng/ul	473611	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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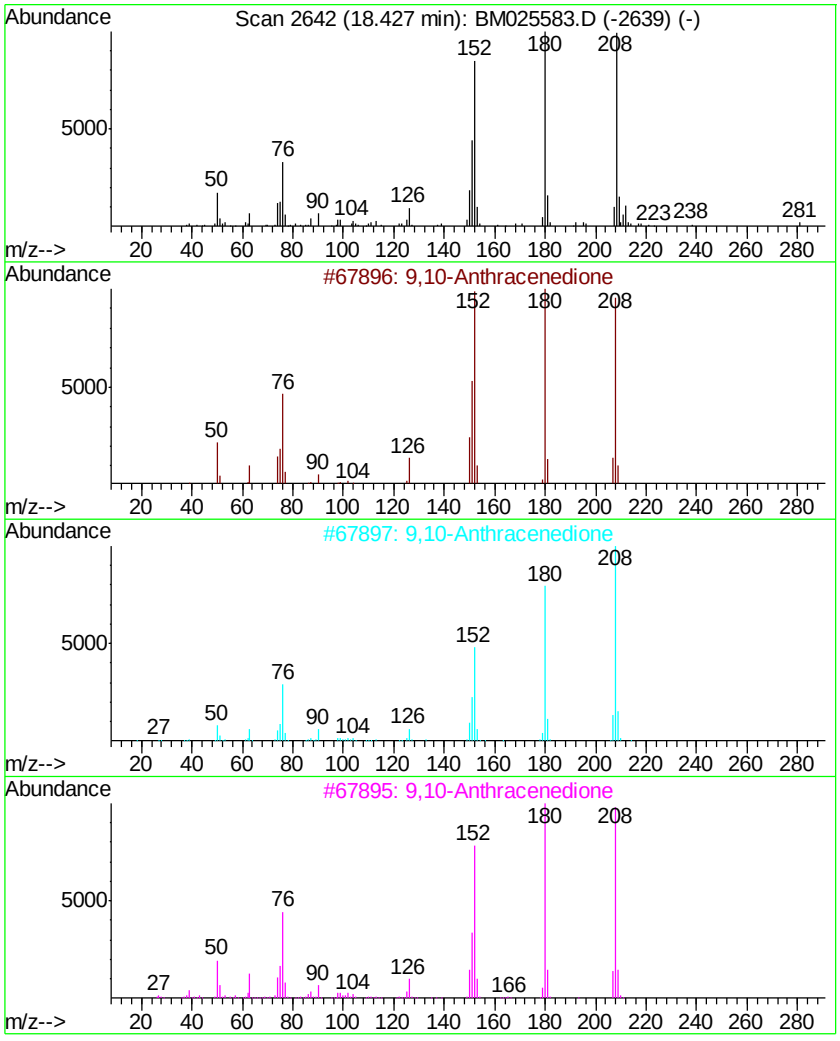
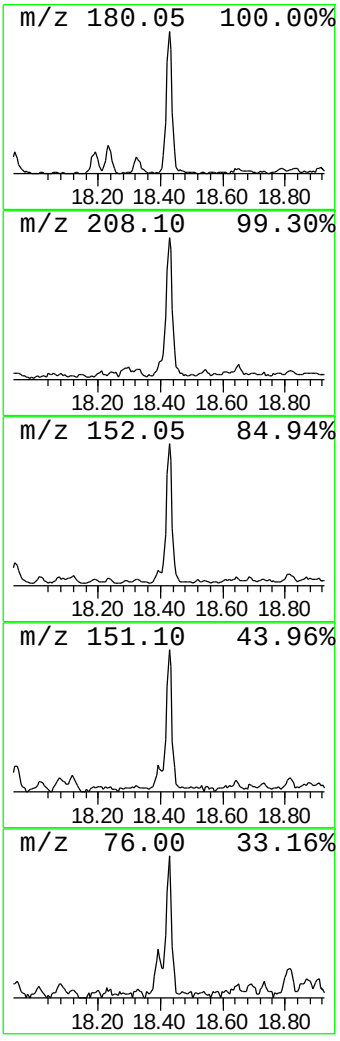
Peak Number 8 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.28 ng/ul	306516	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





Library Search Compound Report

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Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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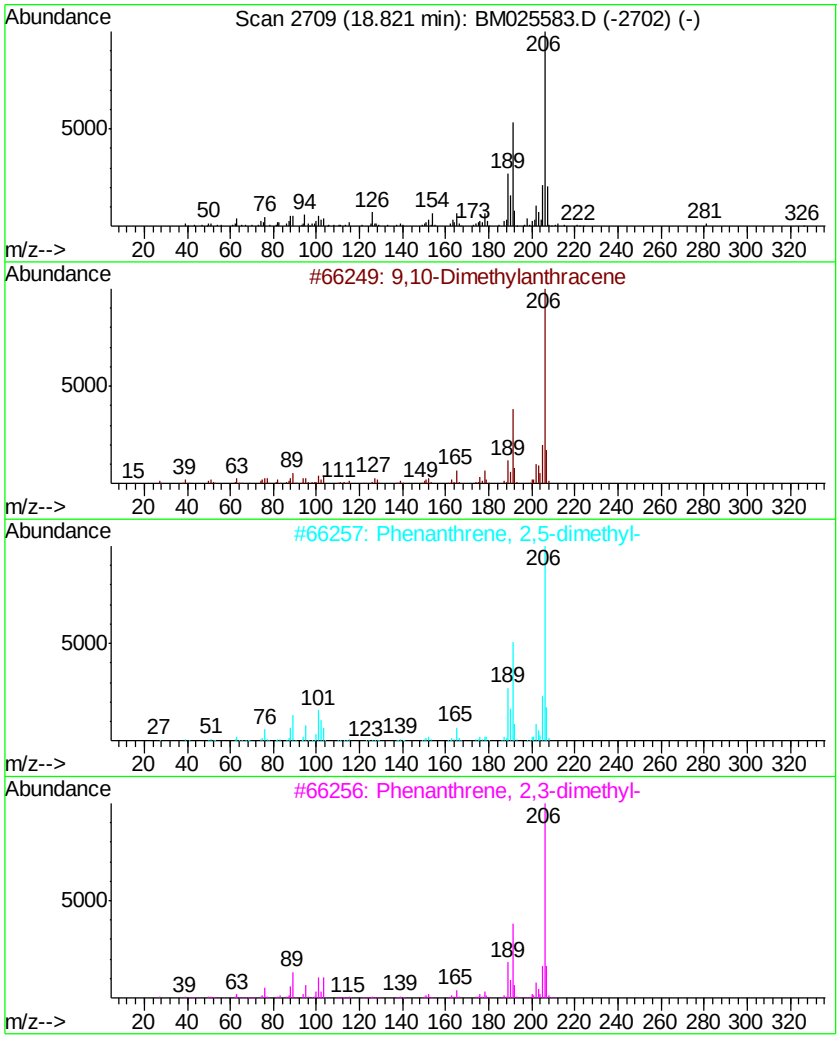
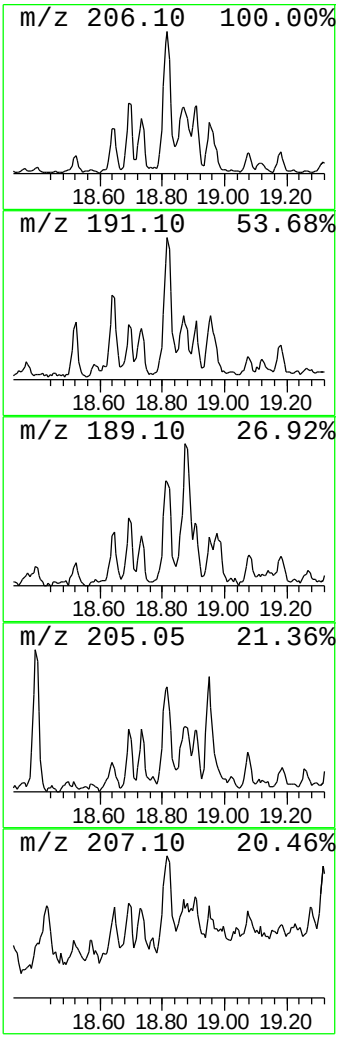
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.14 ng/ul	421971	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





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Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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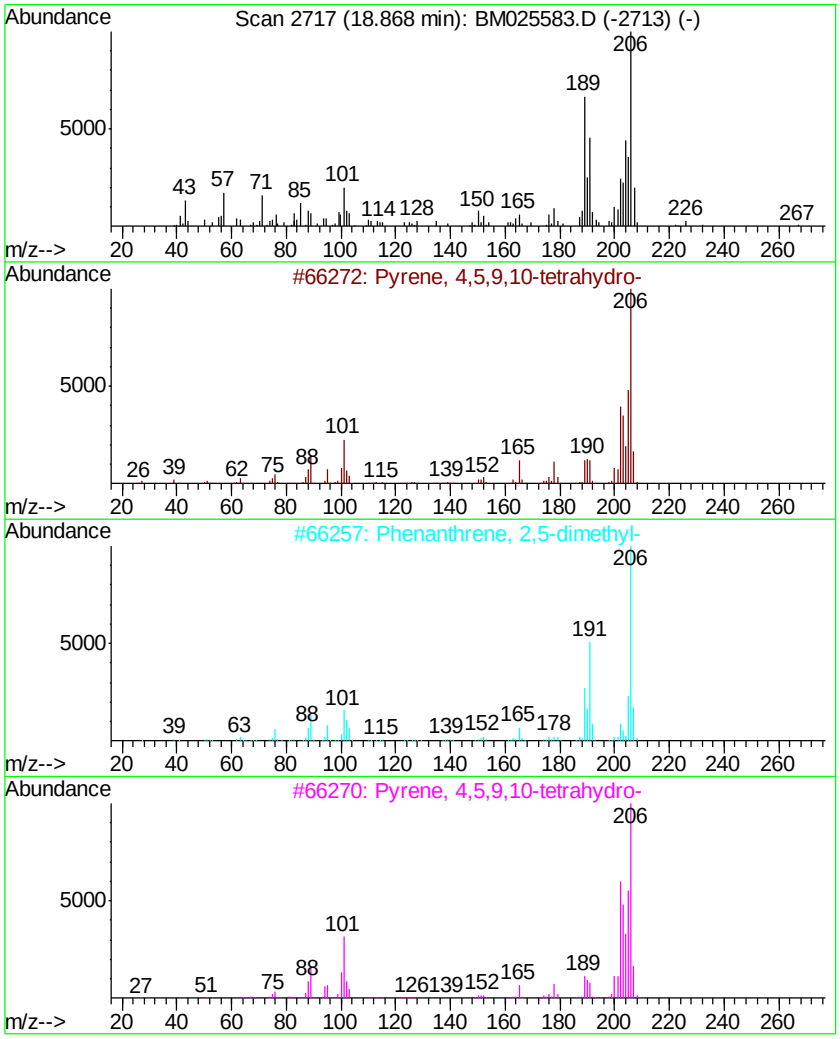
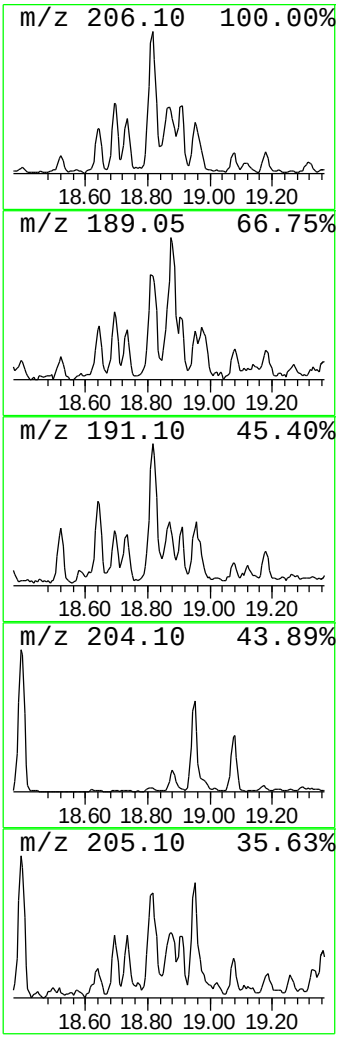
Peak Number 10 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	2.07 ng/ul	277696	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35





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Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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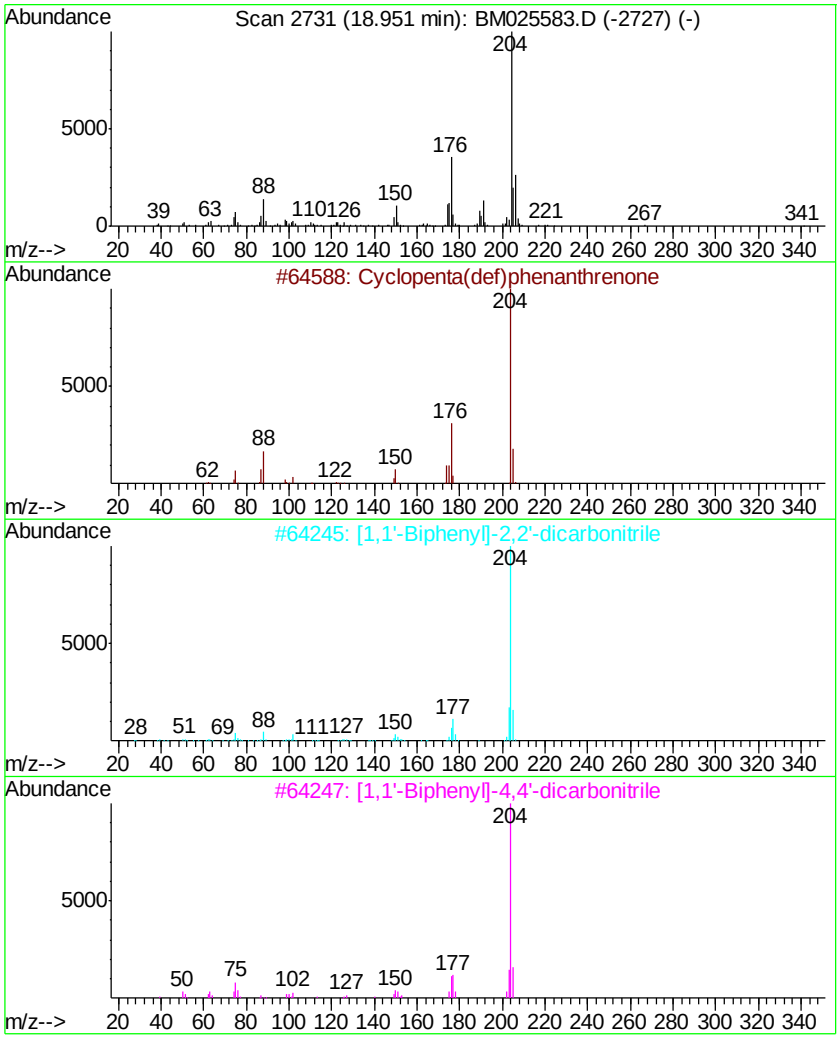
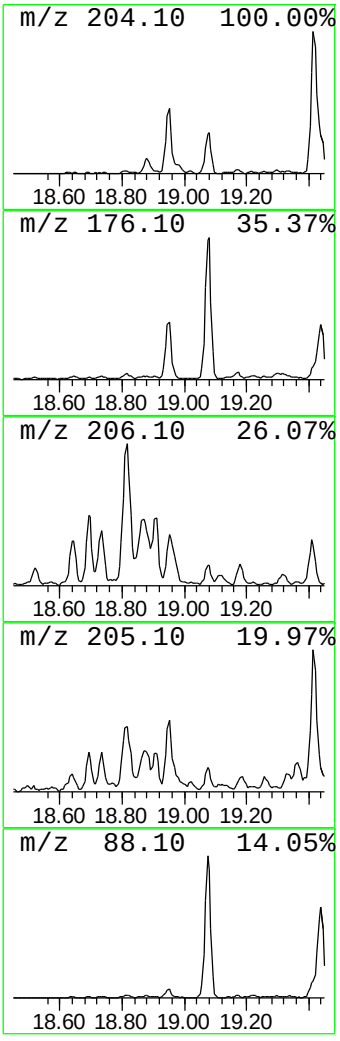
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	3.21 ng/ul	430341	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47





Library Search Compound Report

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Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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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 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.04 ng/ul	800900	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	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
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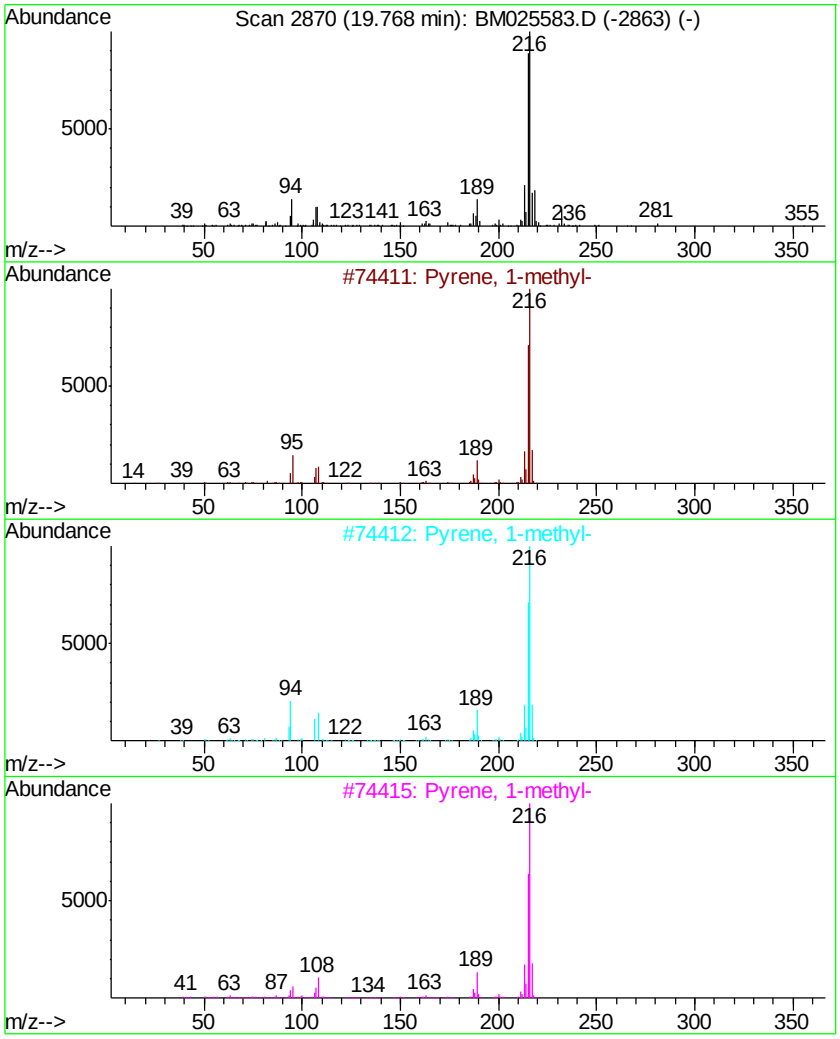

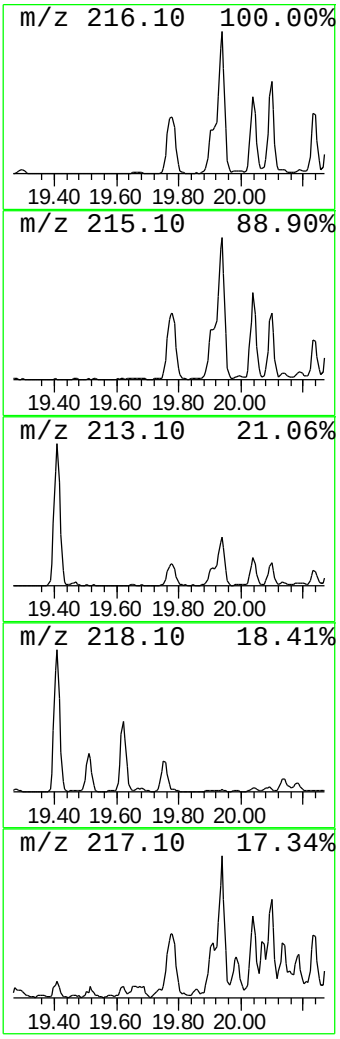

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Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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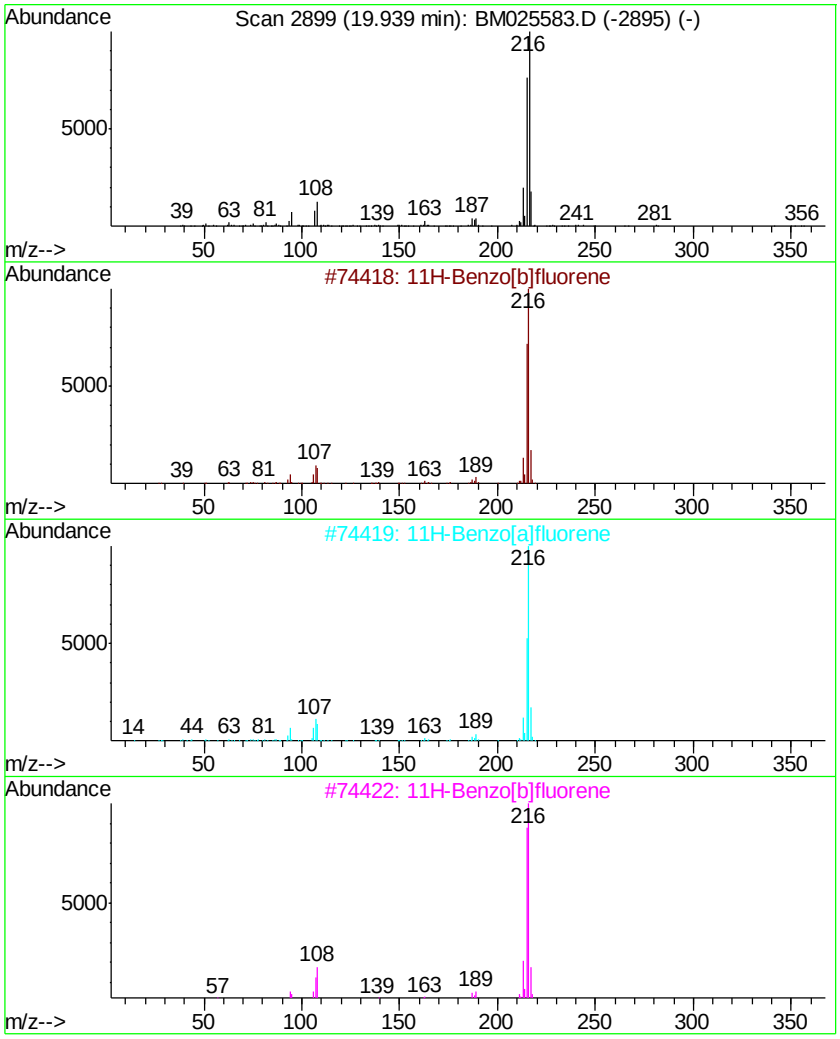
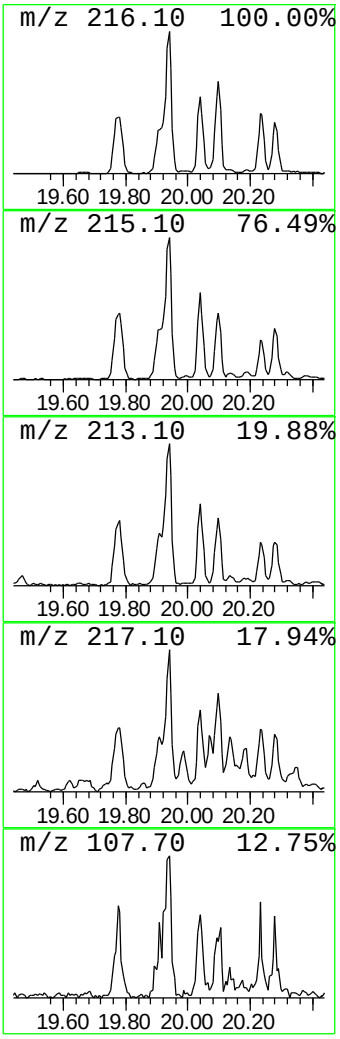
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.17 ng/ul	849037	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	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Misc :
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Instrument : BNA_M
ClientSampleId : B0AG2DL

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Quant Title : SVOA CALIBRATION

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

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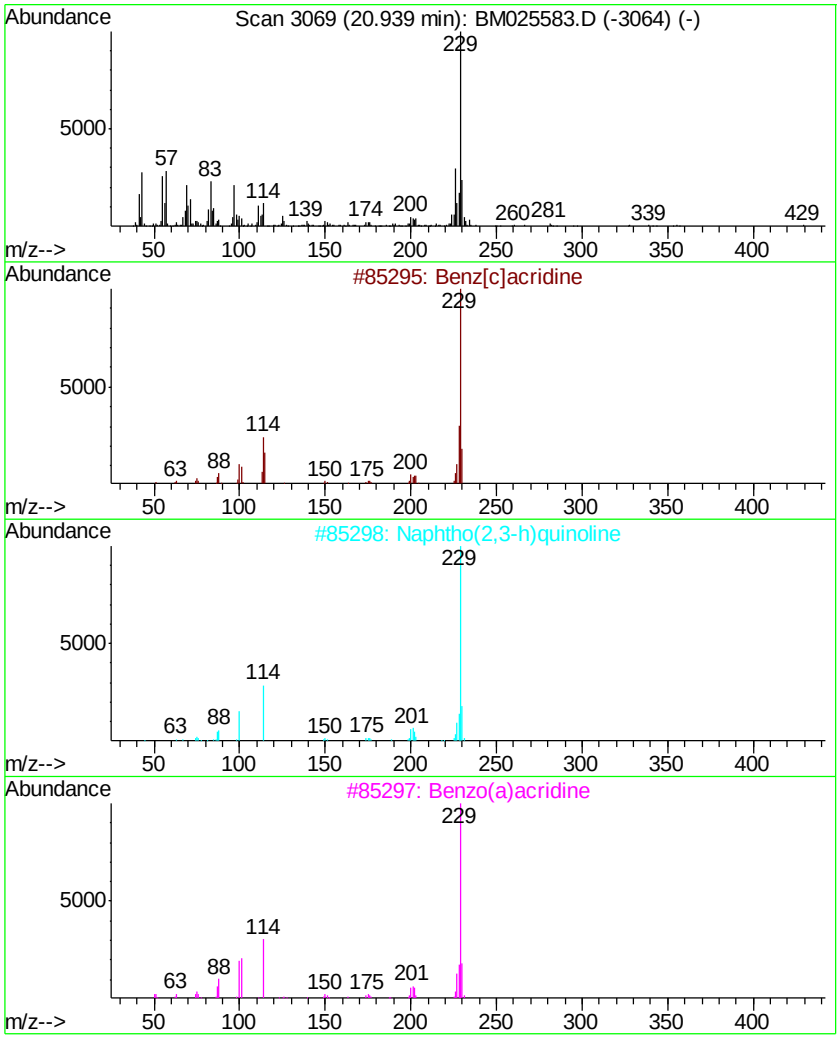
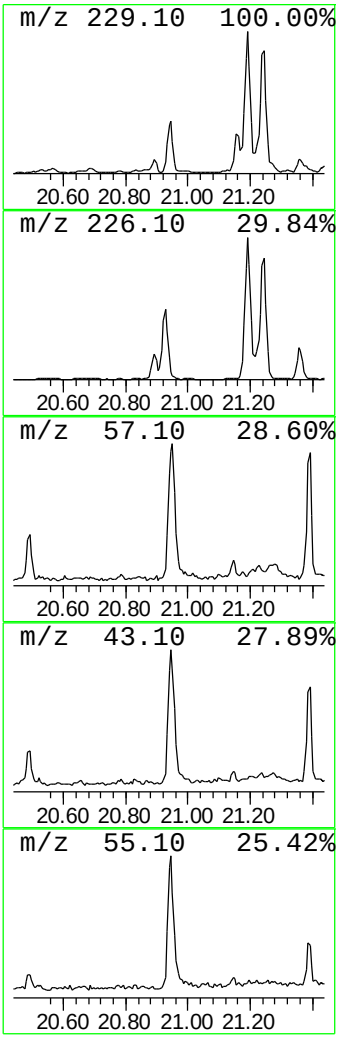
Peak Number 14 Benz[c]acridine Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.34 ng/ul	1310520	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	64
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	64
3	Benzo(a)acridine	229	C17H11N	000225-11-6	53
4	Benzo(a)acridine	229	C17H11N	000225-11-6	52
5	Benzimidazole-5-amine, 1-methyl-...	229	C12H11N3S	021444-73-5	43





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Instrument : BNA_M
ClientSampleId : B0AG2DL

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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 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.18 ng/ul	856301	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
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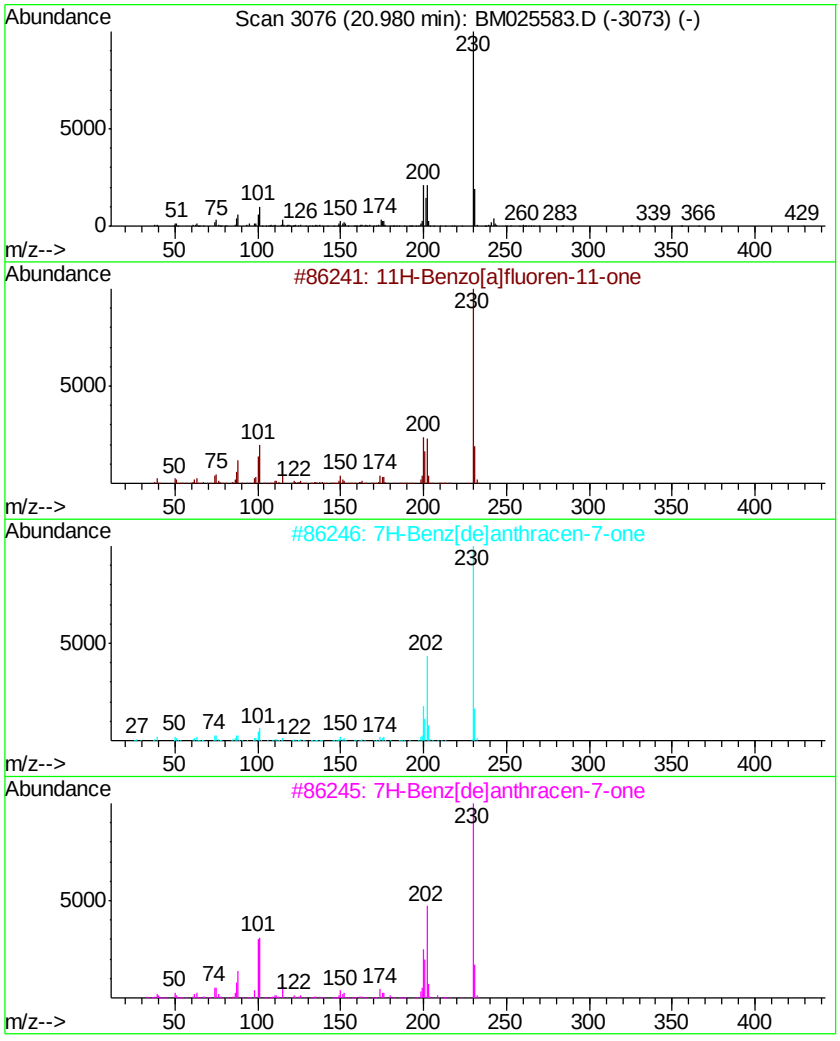

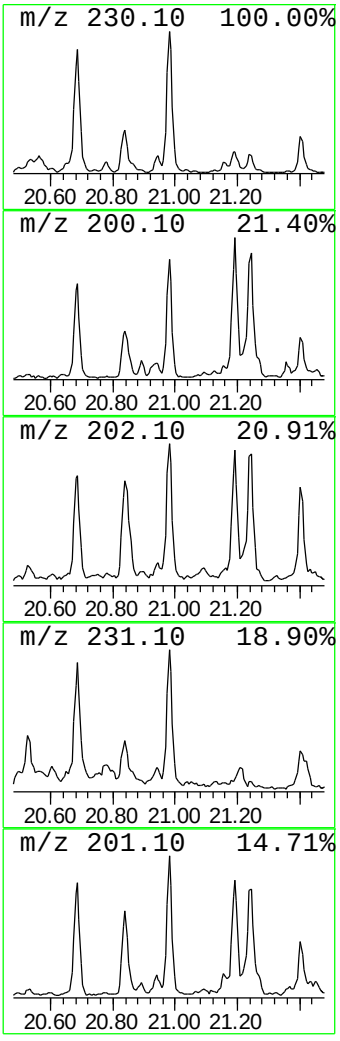

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Quant Title : SVOA CALIBRATION

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

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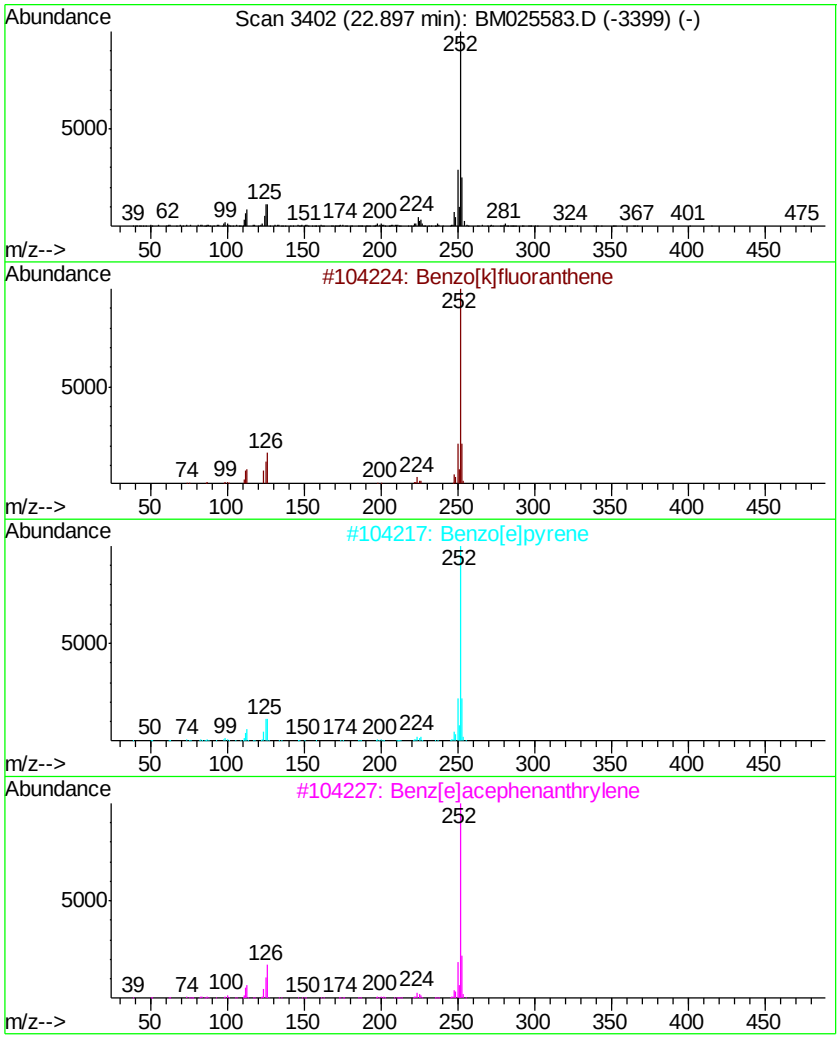
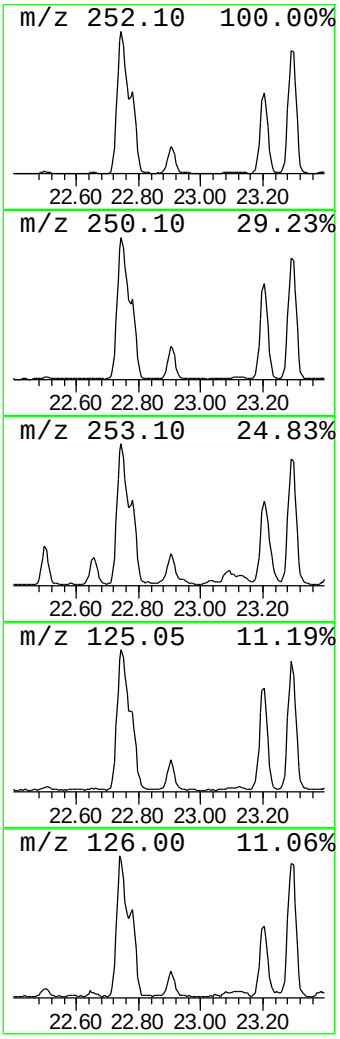
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	4.77 ng/ul	785084	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





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Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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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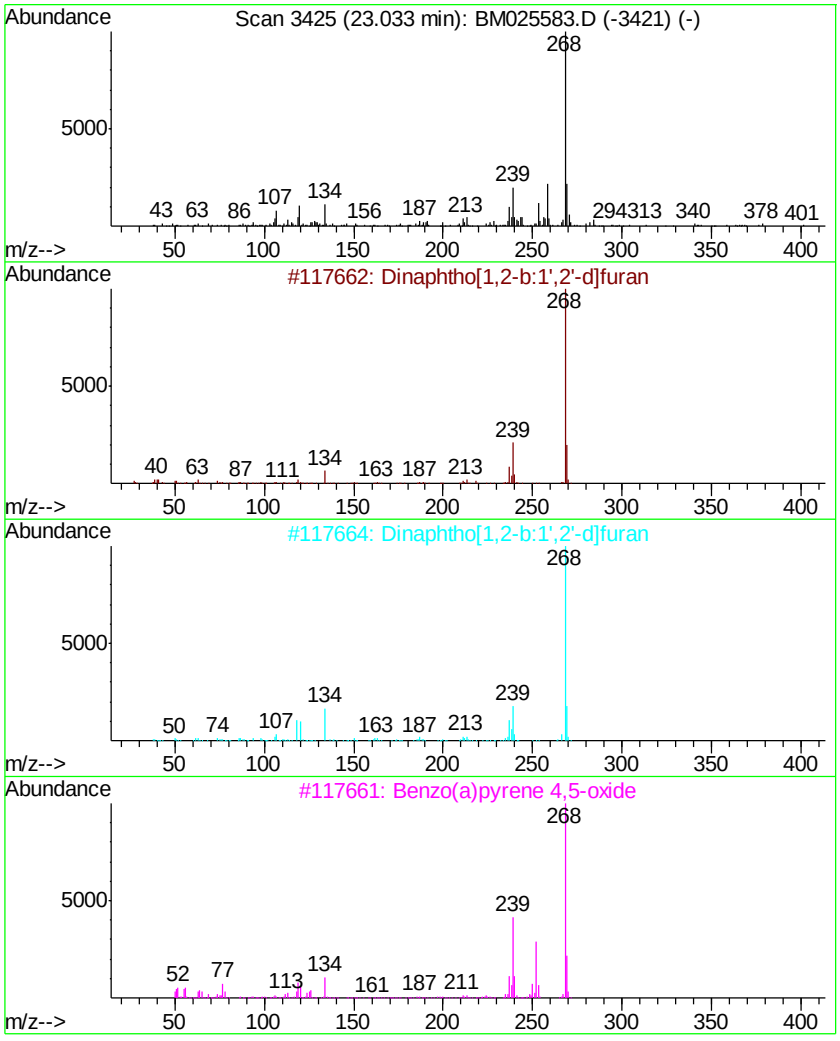
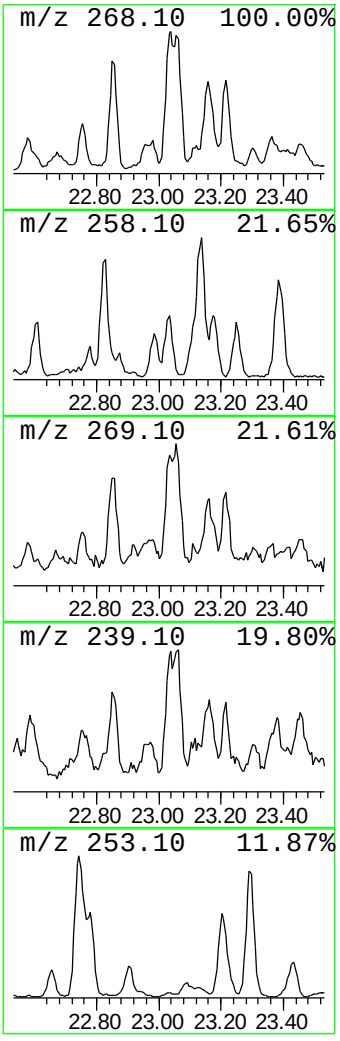
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.85 ng/ul	469794	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
4	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53
5	9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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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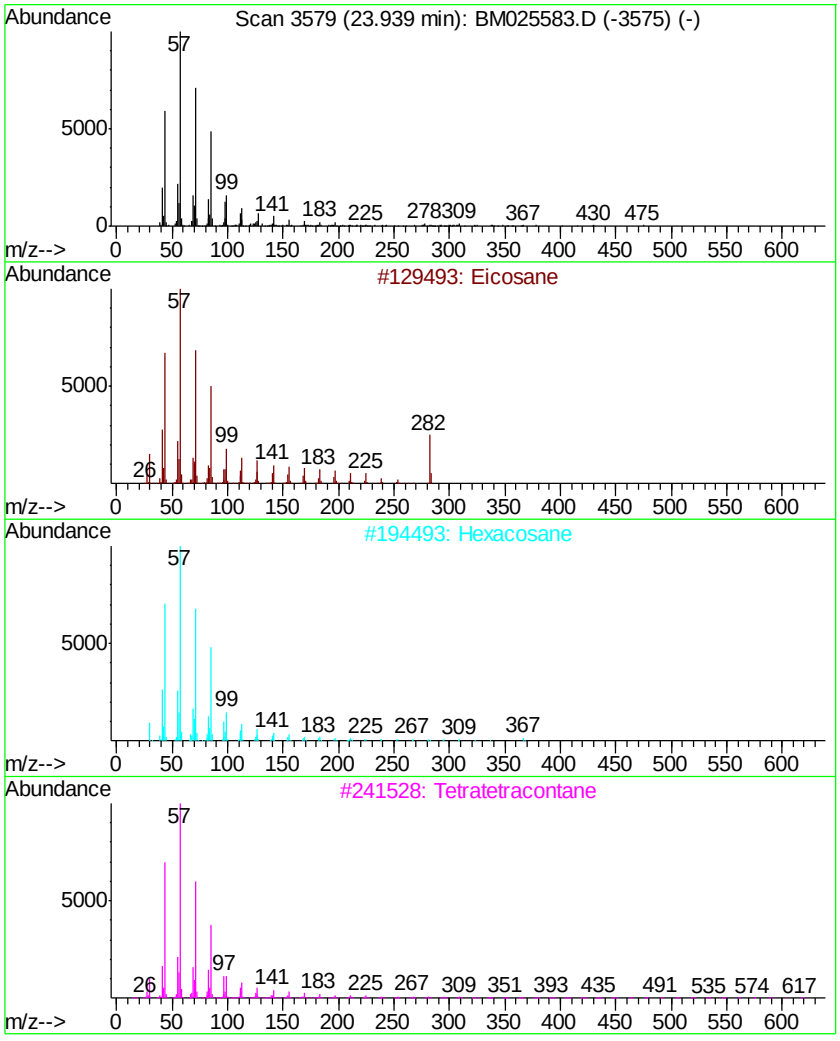
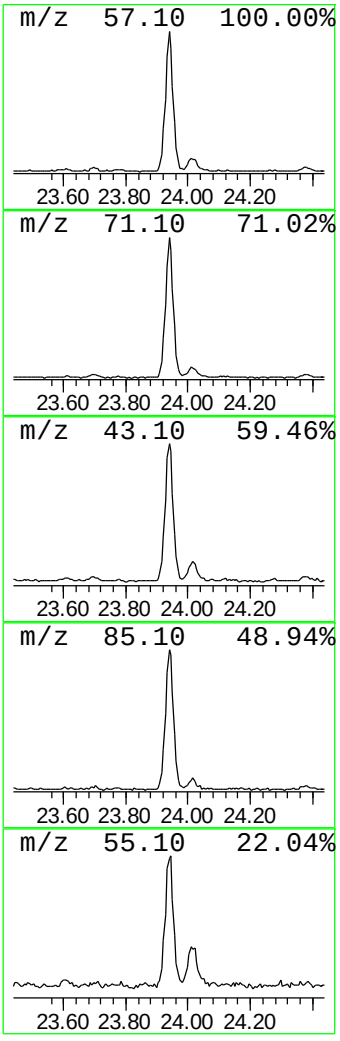
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	5.67 ng/ul	932789	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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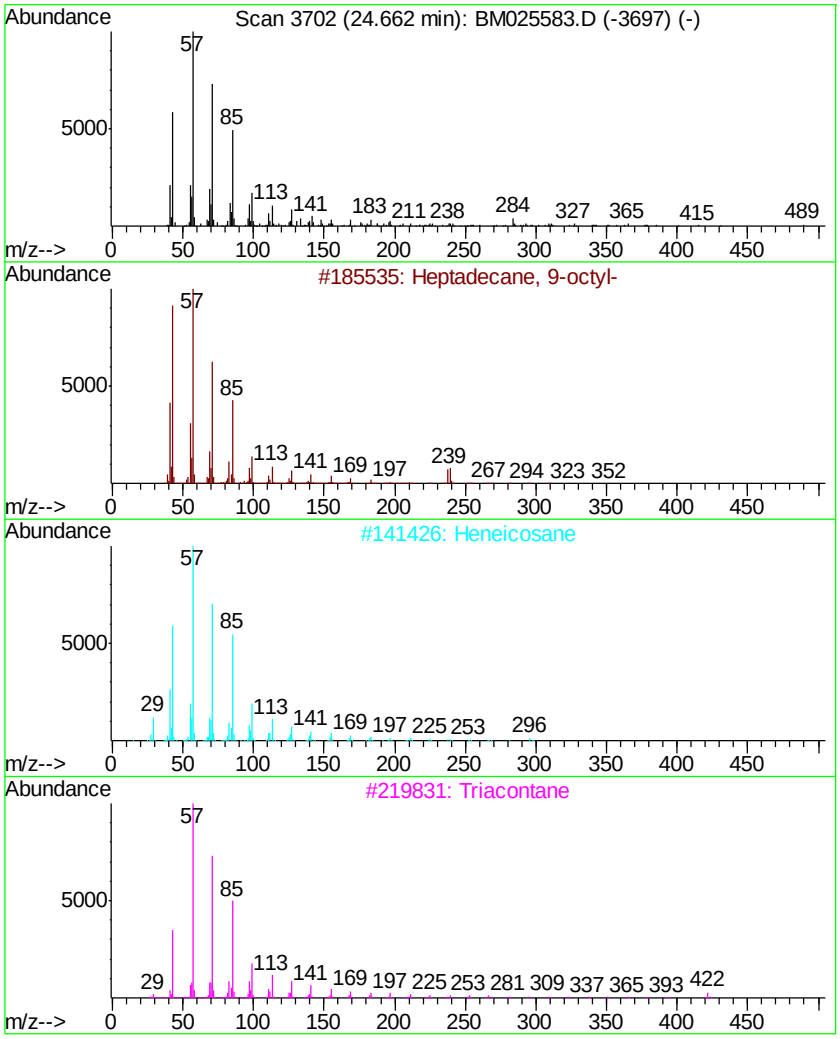
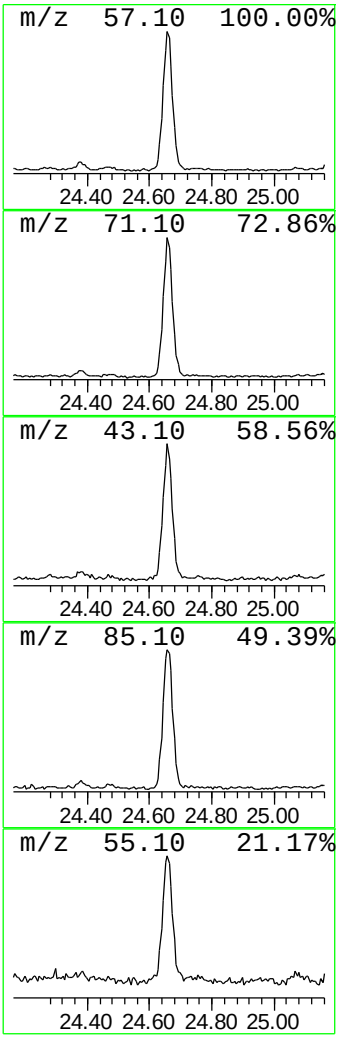
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	3.12 ng/ul	514000	Perylene-d12	23.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heneicosane	296	C21H44	000629-94-7	92
3	Triacontane	422	C30H62	000638-68-6	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031620\
Data File : BM025583.D
Acq On : 16 Mar 2020 16:57
Operator : CG/JU
Sample : L1906-03DL 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0AG2DL

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	22.8	ng/ul	1351810	1	7.64	1183760	20.0
Phenanthrene, 2-m...	17.89	4.1	ng/ul	548040	4	17.02	2683670	20.0
Phenanthrene, 1-m...	17.93	6.4	ng/ul	863240	4	17.02	2683670	20.0
1H-Cyclopropa[l]p...	18.02	2.3	ng/ul	309738	4	17.02	2683670	20.0
4H-Cyclopenta[def...	18.08	8.2	ng/ul	1106060	4	17.02	2683670	20.0
Anthracene, 1-met...	18.12	2.6	ng/ul	343422	4	17.02	2683670	20.0
6-Phenylbenzocycl...	18.39	3.5	ng/ul	473611	4	17.02	2683670	20.0
9,10-Anthracenedione	18.43	2.3	ng/ul	306516	4	17.02	2683670	20.0
9,10-Dimethylanth...	18.82	3.1	ng/ul	421971	4	17.02	2683670	20.0
unknown-01	18.87	2.1	ng/ul	277696	4	17.02	2683670	20.0
Cyclopenta(def)ph...	18.95	3.2	ng/ul	430341	4	17.02	2683670	20.0
Pyrene, 1-methyl-	19.77	2.0	ng/ul	800900	5	21.20	7839780	20.0
11H-Benzo[b]fluorene	19.94	2.2	ng/ul	849037	5	21.20	7839780	20.0
Benz[c]acridine	20.94	3.3	ng/ul	1310520	5	21.20	7839780	20.0
11H-Benzo[a]fluor...	20.98	2.2	ng/ul	856301	5	21.20	7839780	20.0
Benzo[e]pyrene	22.90	4.8	ng/ul	785084	6	23.39	3291840	20.0
Dinaphtho[1,2-b:1...	23.03	2.9	ng/ul	469794	6	23.39	3291840	20.0
(DEL) Alkane: Str...	23.94	5.7	ng/ul	932789	6	23.39	3291840	20.0
(DEL) Alkane: Str...	24.66	3.1	ng/ul	514000	6	23.39	3291840	20.0