LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

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-BM011621MA.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	4.375	195	202	209	rVB	44095	60590	3.83%	0.410%
2	4.810	270	276	283	rBV	37477	52457	3.31%	0.355%
3	7.234	679	688	697	rVV2	109338	212811	13.44%	1.440%
4	7.404	712	717	724	rBV	74400	113973	7.20%	0.771%
5	7.610	746	752	759	rBV	110810	169771	10.72%	1.149%
6	7.722	768	771	777	rVB	7527	11073	0.70%	0.075%
7	8.087	821	833	840	rBV	114097	180231	11.38%	1.220%
8	8.634	919	926	931	rVV2	5465	10006	0.63%	0.068%
9	8.728	935	942	947	rVV	10918	16364	1.03%	0.111%
10	8.792	947	953	960	rVV	121671	192823	12.18%	1.305%
11	9.263	1027	1033	1039	rVV	90541	150661	9.51%	1.020%
12	9.728	1107	1112	1116	rBV	7070	9633	0.61%	0.065%
13	9.786	1116	1122	1127	rBV	11956	17519	1.11%	0.119%
14	9.986	1150	1156	1161	rBV	78105	125678	7.94%	0.850%
15	10.298	1204	1209	1216	rVB4	8045	12955	0.82%	0.088%
16	10.522	1242	1247	1256	rVB	124547	197132	12.45%	1.334%
17	10.910	1306	1313	1318	rVV	144619	246469	15.56%	1.668%
18	10.963	1318	1322	1327	rVB2	9943	17083	1.08%	0.116%
19	11.039	1327	1335	1344	rBV	75718	132634	8.37%	0.898%
20	12.304	1544	1550	1557	rVB2	8272	12601	0.80%	0.085%
21	12.580	1588	1597	1604	rVB2	11799	28967	1.83%	0.196%
22	12.780	1626	1631	1636	rVB2	8096	11494	0.73%	0.078%
23	13.539	1755	1760	1762	rBV	7939	10838	0.68%	0.073%
24	14.045	1841	1846	1852	rBV	8789	12786	0.81%	0.087%
25	14.127	1852	1860	1865	rVV	195998	262904	16.60%	1.779%
26	14.174	1865	1868	1874	rVB	16008	23070	1.46%	0.156%
27	14.363	1895	1900	1904	rBV2	6707	10699	0.68%	0.072%
28	14.421	1904	1910	1921	rVB	219423	350828	22.15%	2.374%
29	14.604	1936	1941	1947	rVB	7381	9302	0.59%	0.063%
30	14.727	1949	1962	1968	rVV2	197494	294606	18.60%	1.994%
31	14.786	1968	1972	1978	rVB	10832	16907	1.07%	0.114%
32	14.904	1987	1992	2005	rBV	76420	113365	7.16%	0.767%
33	15.115	2023	2028	2033	rVV	13774	21467	1.36%	0.145%
34	15.333	2061	2065	2070	rBV4	5162	9651	0.61%	0.065%

LSC Area Percent Report

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Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

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-BM011621MA.M
Title : SVOA CALIBRATION

35	15.504	2087	2094	2097	rBV3	8752	14635	0.92%	0.099%
36	15.710	2123	2129	2135	rBV	271154	366662	23.15%	2.481%
37	15.762	2135	2138	2144	rVB2	10627	15466	0.98%	0.105%
38	15.827	2144	2149	2157	rBV	74276	104232	6.58%	0.705%
39	16.057	2183	2188	2193	rVV4	9136	13448	0.85%	0.091%
40	16.198	2209	2212	2218	rVV2	6122	11021	0.70%	0.075%
41	16.404	2239	2247	2249	rBV4	9366	16163	1.02%	0.109%
42	16.427	2249	2251	2256	rVB3	13602	18131	1.14%	0.123%
43	16.762	2299	2308	2312	rBV10	6565	16685	1.05%	0.113%
44	16.980	2339	2345	2349	rBV6	7271	15064	0.95%	0.102%
45	17.109	2363	2367	2372	rBV	16261	24420	1.54%	0.165%
46	17.186	2375	2380	2385	rBV5	13722	27235	1.72%	0.184%
47	17.274	2391	2395	2401	rVB	15734	25426	1.61%	0.172%
48	17.351	2405	2408	2412	rVB3	7840	10850	0.69%	0.073%
49	17.451	2419	2425	2429	rBV	226090	332235	20.98%	2.248%
50	17.492	2429	2432	2437	rVV	283721	387274	24.45%	2.621%
51	17.551	2437	2442	2446	rVV	277110	399802	25.24%	2.706%
52	17.586	2446	2448	2452	rVV	58894	62437	3.94%	0.423%
53	17.633	2452	2456	2467	rVB8	7356	17097	1.08%	0.116%
54	17.715	2467	2470	2473	rBV	12013	16196	1.02%	0.110%
55	17.845	2485	2492	2497	rBV	27745	47658	3.01%	0.323%
56	17.921	2503	2505	2509	rVB3	8609	9840	0.62%	0.067%
57	17.962	2509	2512	2516	rBV2	11019	12145	0.77%	0.082%
58	18.027	2519	2523	2530	rVB3	18399	29702	1.88%	0.201%
59	18.321	2568	2573	2577	rBV	109972	155489	9.82%	1.052%
60	18.362	2577	2580	2589	rVB2	69105	113544	7.17%	0.768%
61	18.445	2591	2594	2599	rVB	22482	29904	1.89%	0.202%
62	18.503	2599	2604	2609	rBV2	85709	158349	10.00%	1.072%
63	18.545	2609	2611	2617	rVB	40902	56720	3.58%	0.384%
64	18.609	2620	2622	2627	rVB4	14122	17647	1.11%	0.119%
65	18.656	2627	2630	2634	rBV4	11416	16052	1.01%	0.109%
66	18.809	2650	2656	2660	rBV2	46569	77830	4.91%	0.527%
67	18.851	2660	2663	2672	rVB3	41831	64301	4.06%	0.435%
68	19.074	2695	2701	2704	rBV	87604	115981	7.32%	0.785%
69	19.162	2714	2716	2721	rVB	30879	33558	2.12%	0.227%
70	19.227	2722	2727	2731	rBV2	59383	93807	5.92%	0.635%
71	19.315	2739	2742	2744	rBV	27499	33165	2.09%	0.224%

LSC Area Percent Report

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Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Title : SVOA CALIBRATION

72	19.339	2744	2746	2748	rBV	18480	21196	1.34%	0.143%
73	19.486	2766	2771	2777	rVB	563444	727402	45.93%	4.923%
74	19.545	2778	2781	2784	rBV	17061	20170	1.27%	0.136%
75	19.580	2784	2787	2790	rBV2	35879	42946	2.71%	0.291%
76	19.615	2790	2793	2799	rVB3	61222	86233	5.45%	0.584%
77	19.680	2801	2804	2806	rBV3	21009	27739	1.75%	0.188%
78	19.815	2822	2827	2829	rBV3	372128	514134	32.46%	3.479%
79	19.845	2829	2832	2840	rVV	563672	741316	46.81%	5.017%
80	19.909	2840	2843	2848	rVV2	36352	55343	3.49%	0.375%
81	19.950	2848	2850	2854	rVB3	21951	25166	1.59%	0.170%
82	20.062	2866	2869	2877	rVB3	56163	101952	6.44%	0.690%
83	20.368	2918	2921	2924	rBV2	39329	45035	2.84%	0.305%
84	20.621	2962	2964	2969	rBV	42630	64963	4.10%	0.440%
85	20.668	2970	2972	2975	rVB	40387	40262	2.54%	0.272%
86	20.903	3009	3012	3016	rBV	178542	202836	12.81%	1.373%
87	21.062	3036	3039	3046	rVB	91055	114948	7.26%	0.778%
88	21.274	3071	3075	3078	rBV2	241912	278666	17.60%	1.886%
89	21.356	3086	3089	3093	rBV	58956	67889	4.29%	0.459%
90	21.568	3120	3125	3130	rBV3	382868	794841	50.19%	5.379%
91	21.609	3130	3132	3140	rVB	285611	356397	22.50%	2.412%
92	22.150	3221	3224	3227	rVB2	151757	166379	10.51%	1.126%
93	22.633	3303	3306	3310	rVB	85666	98799	6.24%	0.669%
94	22.868	3343	3346	3351	rVB	177763	227045	14.34%	1.536%
95	23.156	3391	3395	3398	rBV	233369	332801	21.01%	2.252%
96	23.209	3398	3404	3415	rVB2	692597	1583706	100.00%	10.717%
97	23.750	3492	3496	3500	rBV	207433	329732	20.82%	2.231%
98	23.797	3501	3504	3512	rVB	208596	370761	23.41%	2.509%
99	24.080	3547	3552	3563	rVB	362650	699366	44.16%	4.733%
100	24.527	3623	3628	3638	rVB	261801	559413	35.32%	3.786%

Sum of corrected areas: 14776955

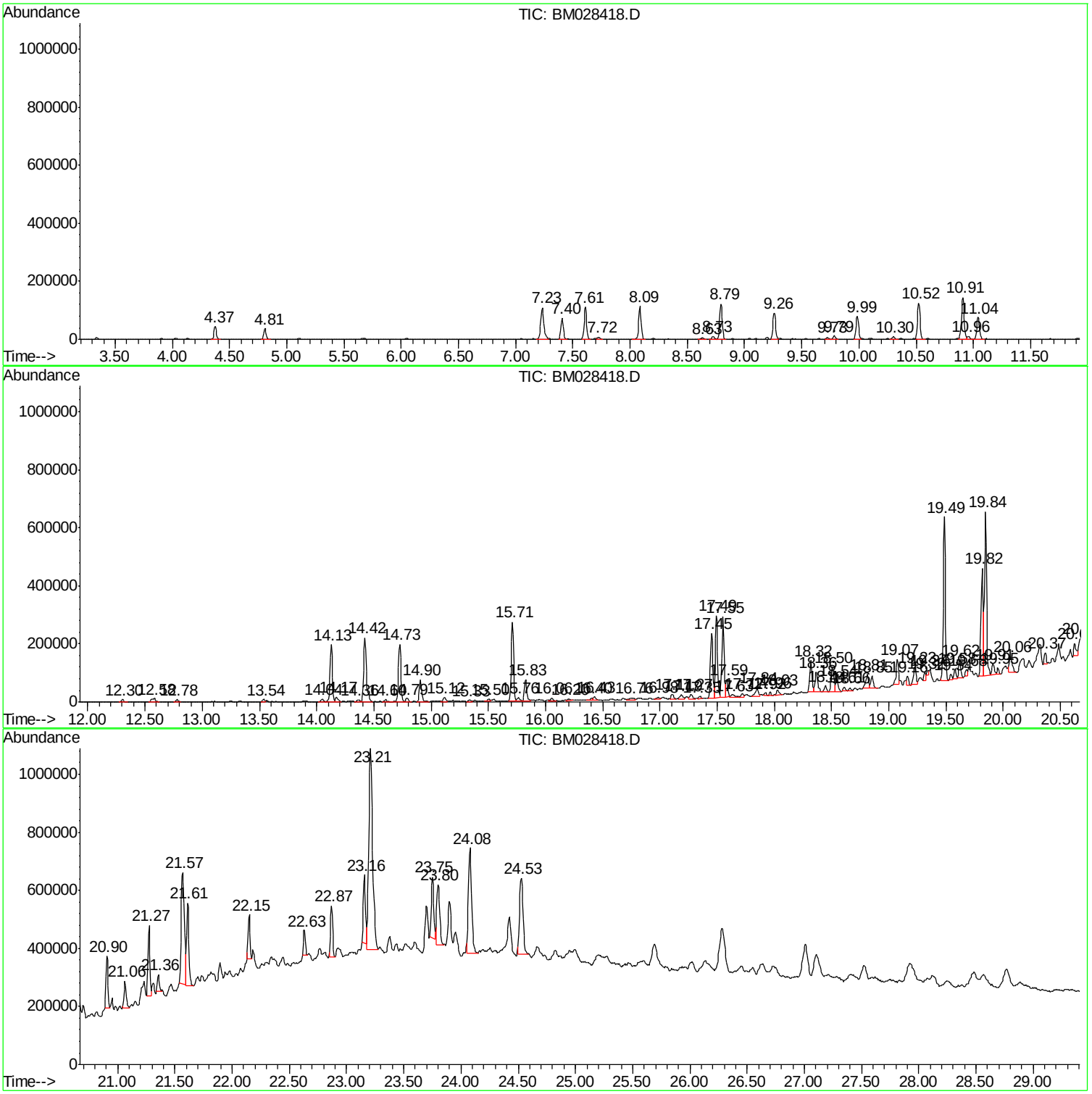
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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\BM011821\
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Acq On : 18 Jan 2021 09:54
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

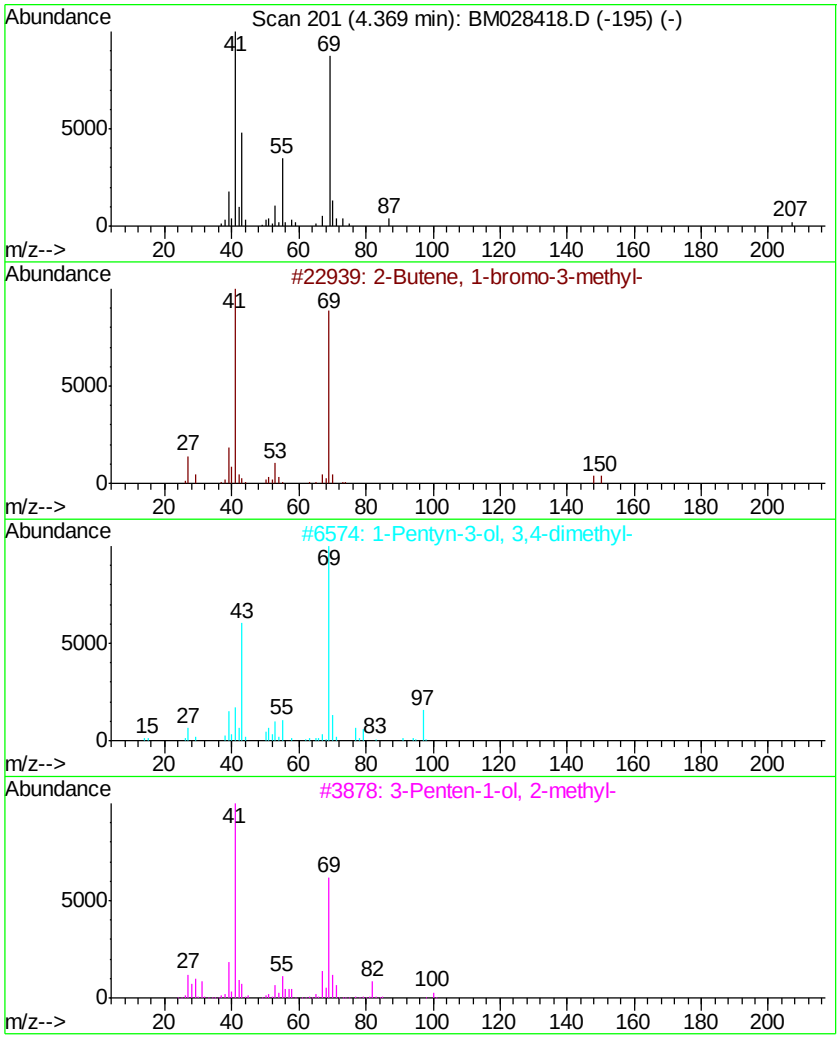
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

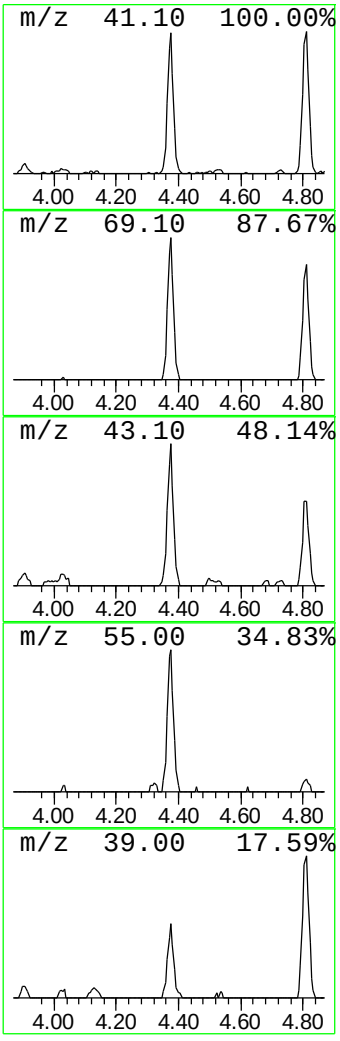
****

Peak Number 1 2-Butene, 1-bromo-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	6.72 ng/ul	60590	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
2	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	42
3	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	40
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
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Operator : CG/JU
Sample : M1117-02
Misc :
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Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

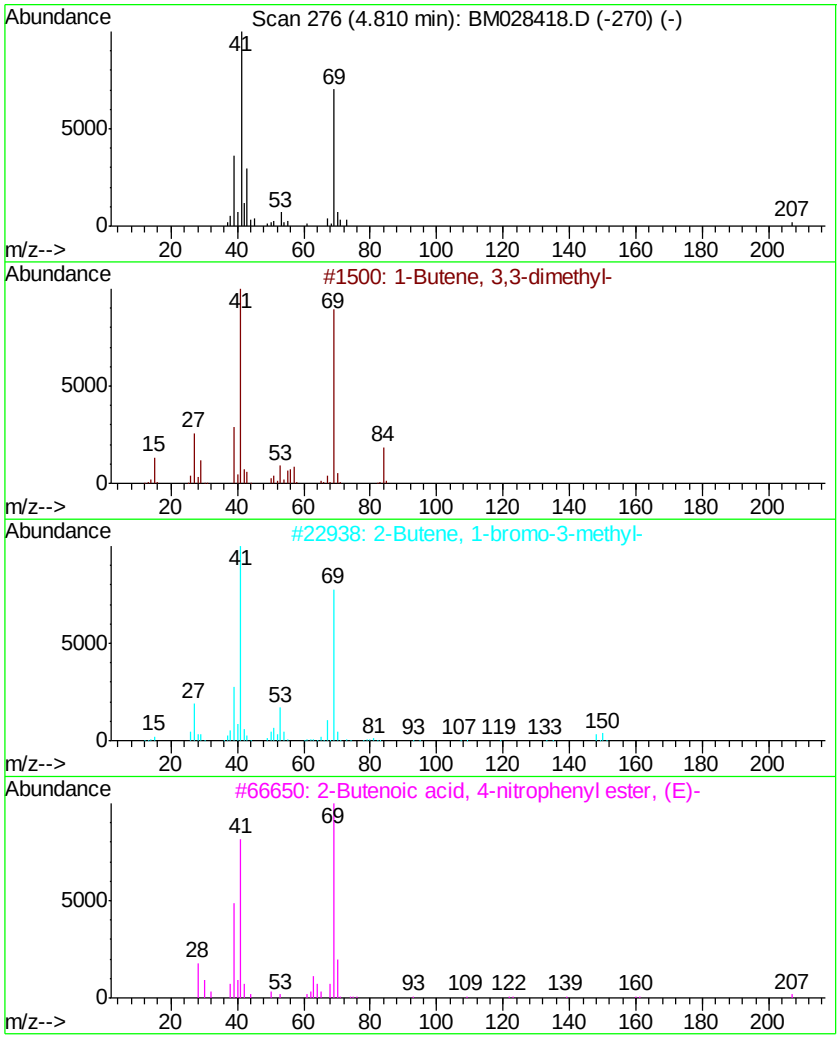
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

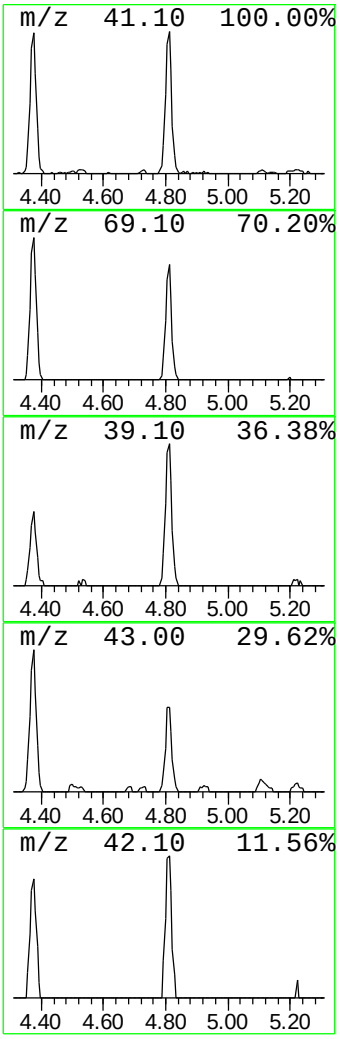
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	5.82 ng/ul	52457	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	38
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	36
3	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	35
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	33
5	Cyclopentanemethanol	100	C6H12O	003637-61-4	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
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Quant Title : SVOA CALIBRATION

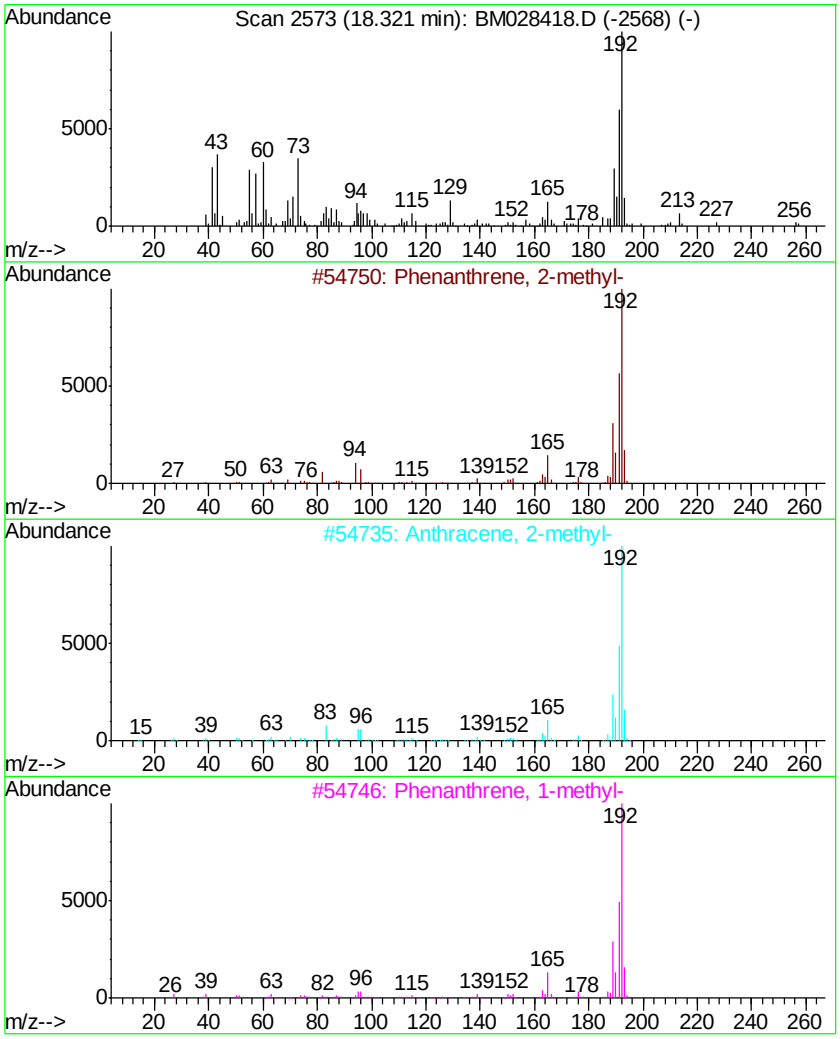
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

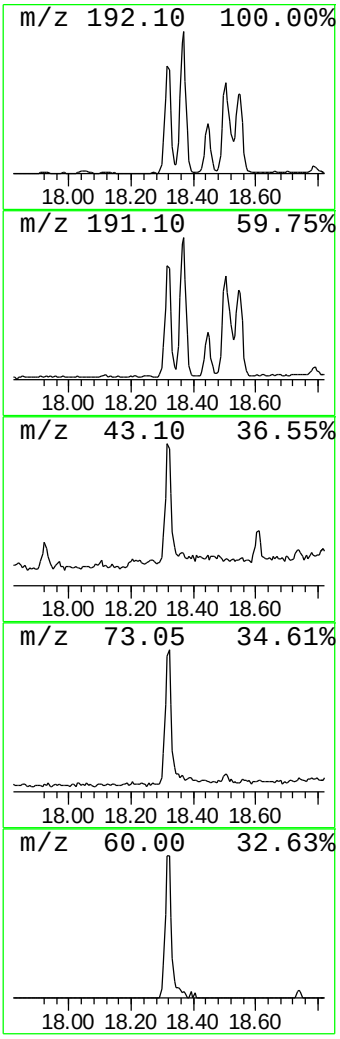
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	9.36 ng/ul	155489	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
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Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

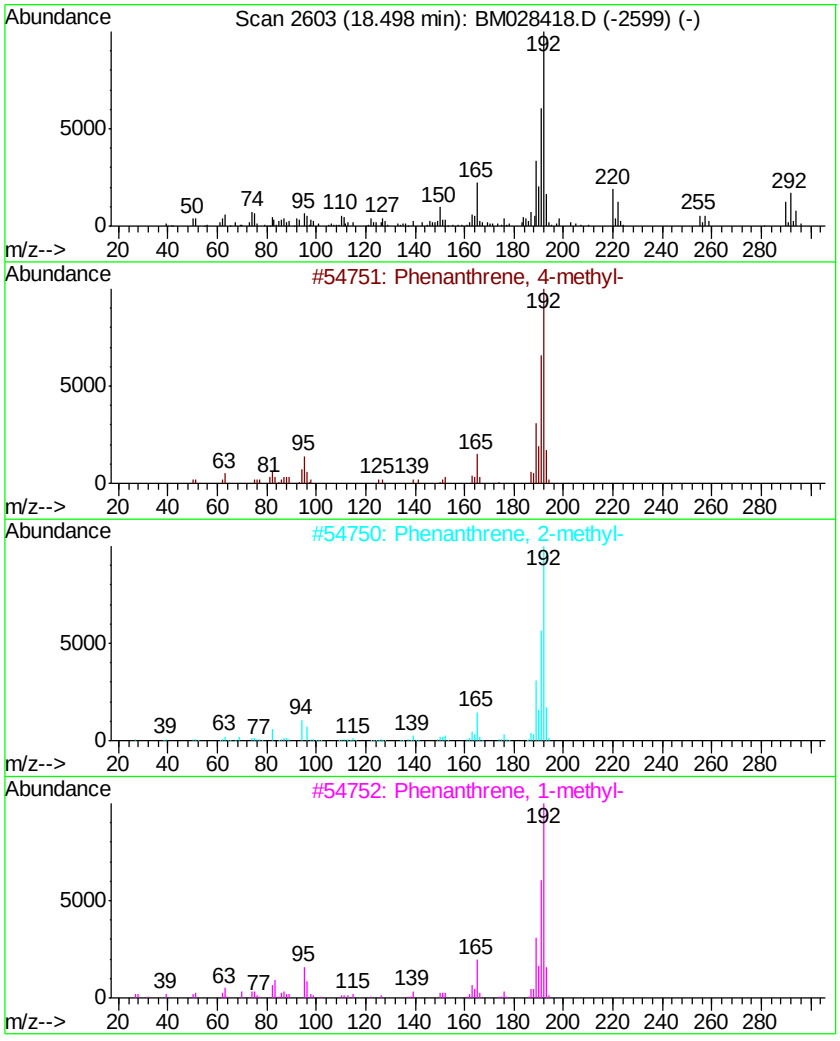
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

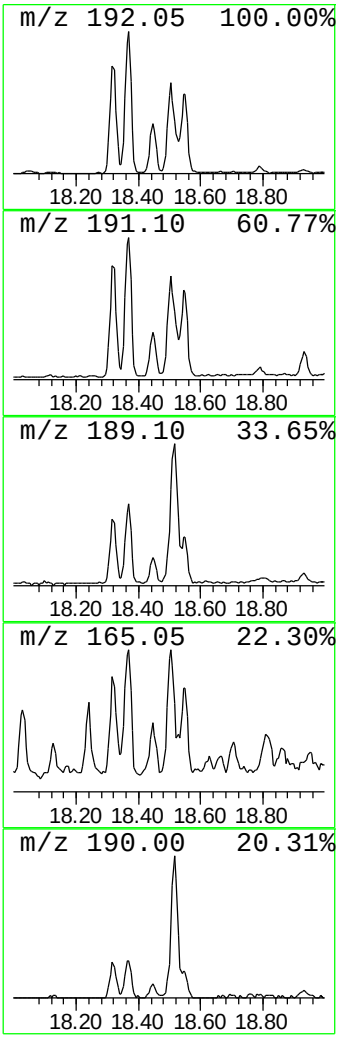
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	9.53 ng/ul	158349	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

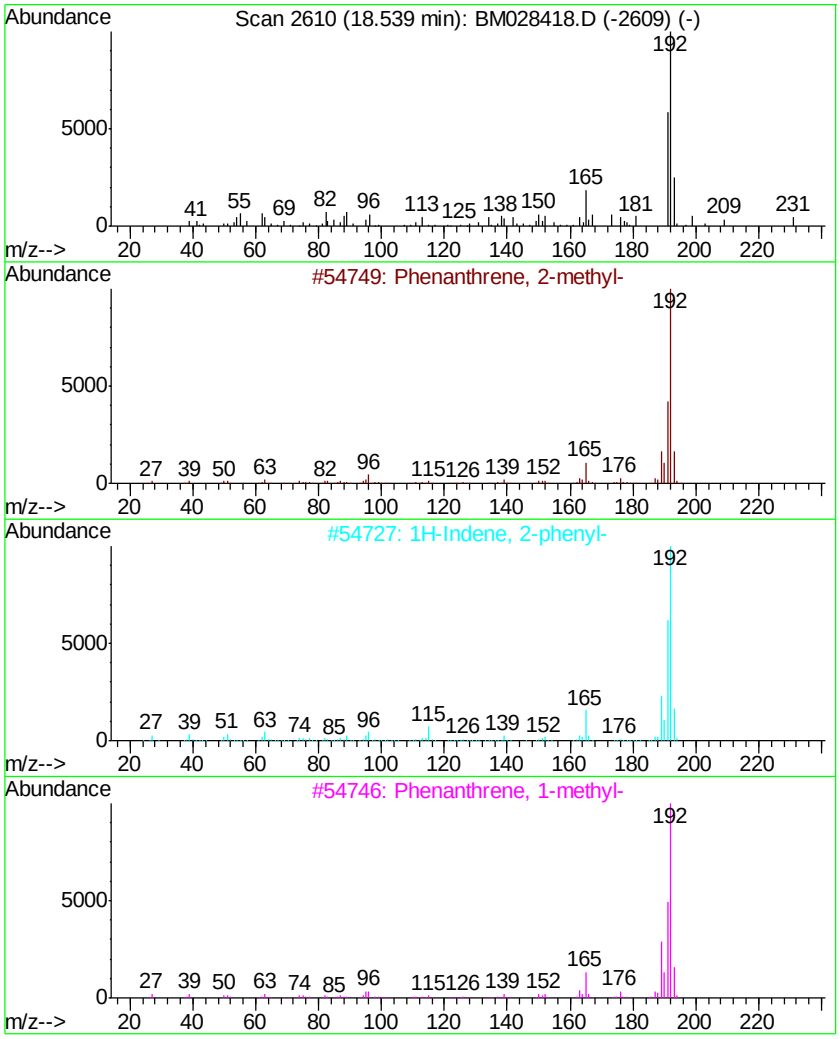
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

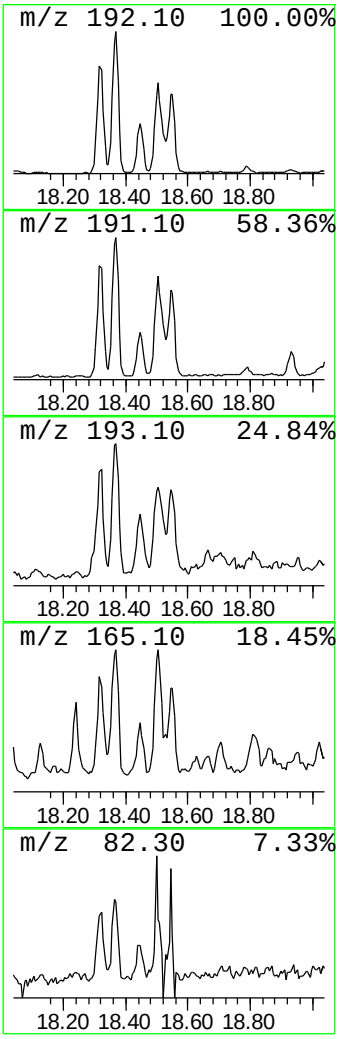
****

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.41 ng/ul	56720	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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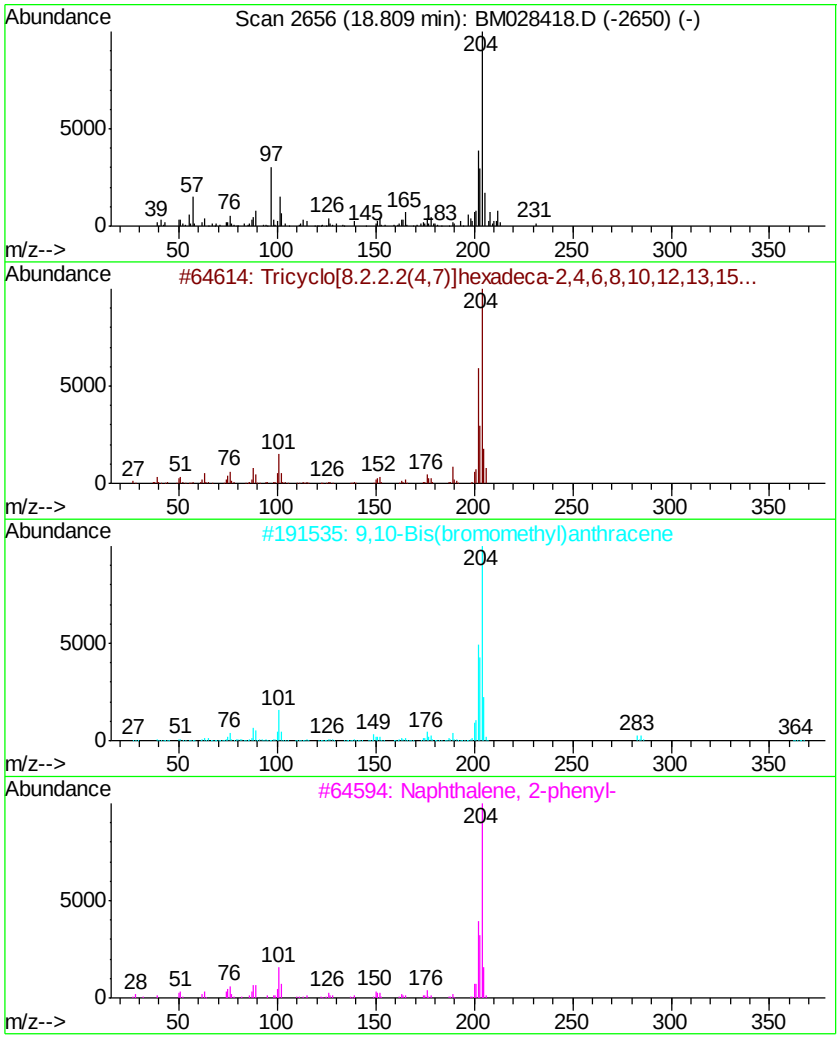
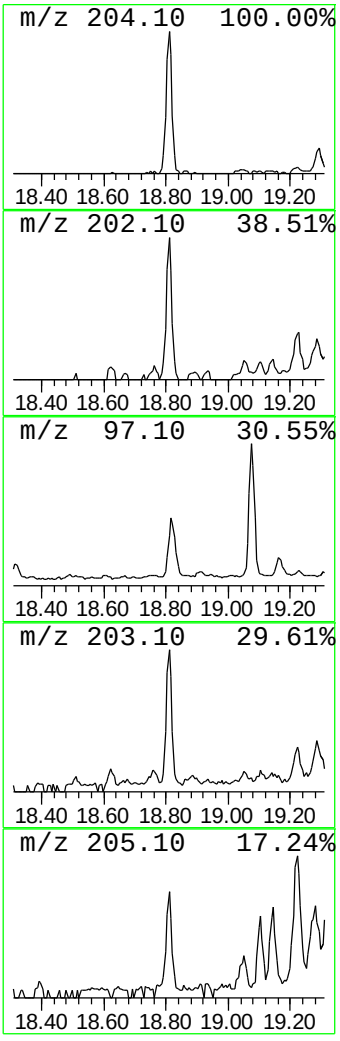
Peak Number 6 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	4.69 ng/ul	77830	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	78
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60





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ClientSampleId : BFN61

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Quant Title : SVOA CALIBRATION

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

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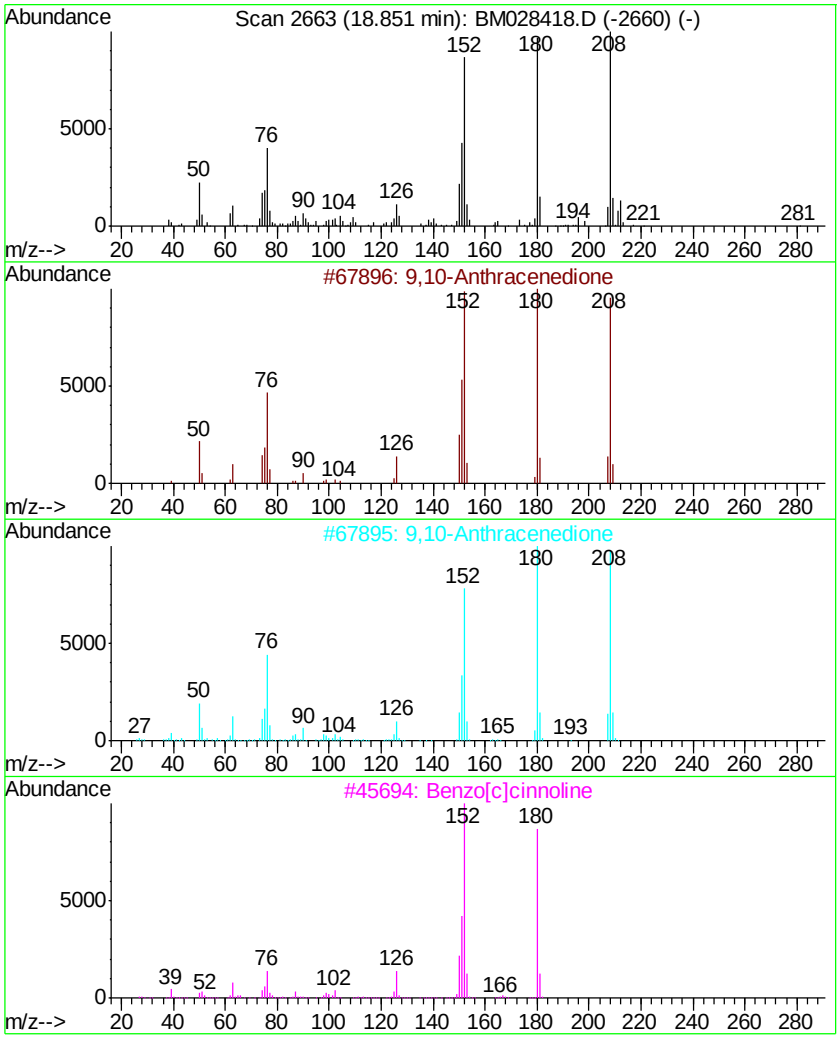
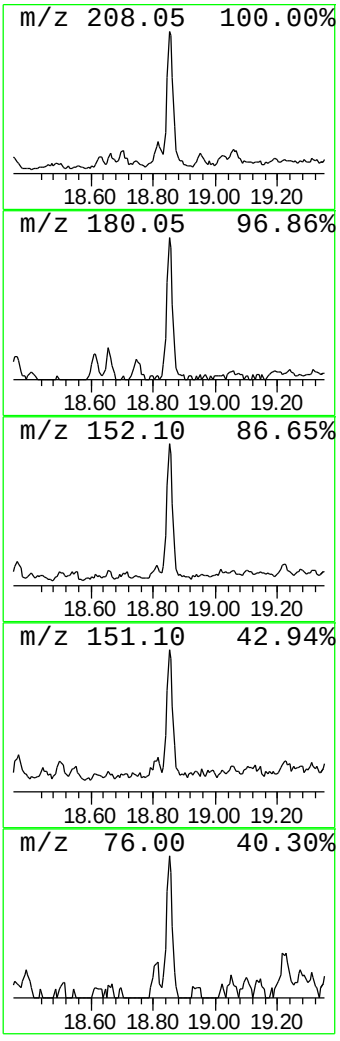
Peak Number 7 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.87 ng/ul	64301	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86





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Quant Title : SVOA CALIBRATION

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

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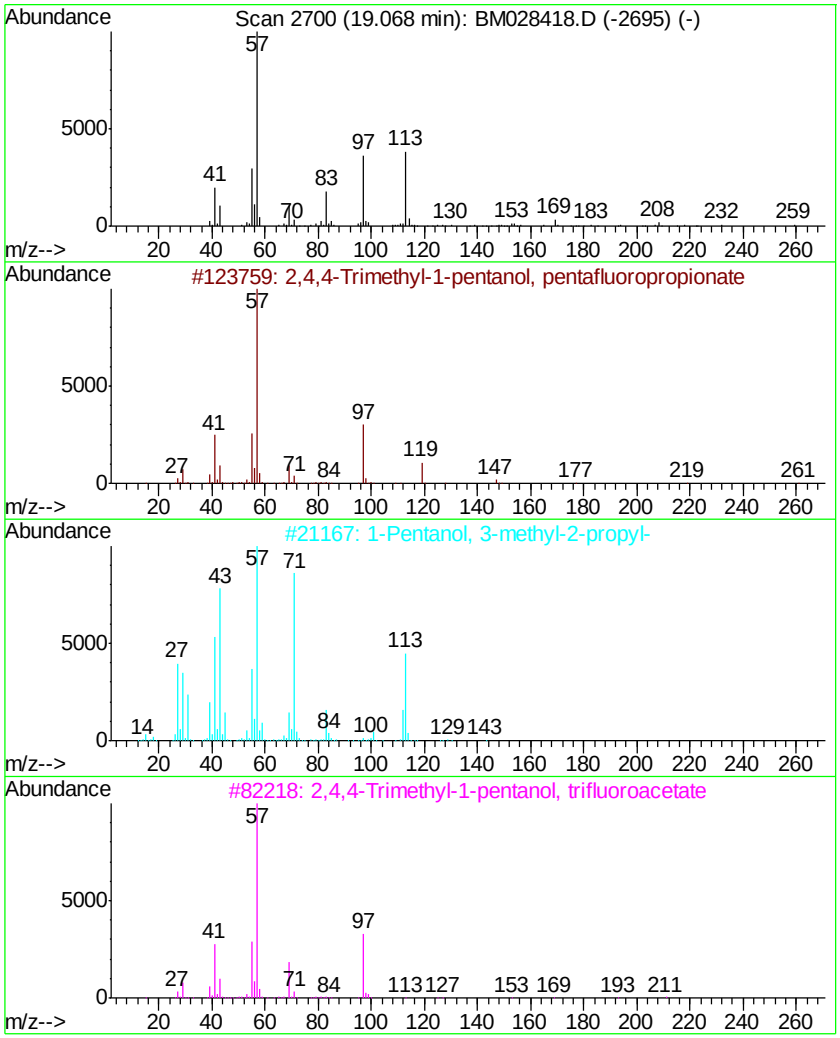
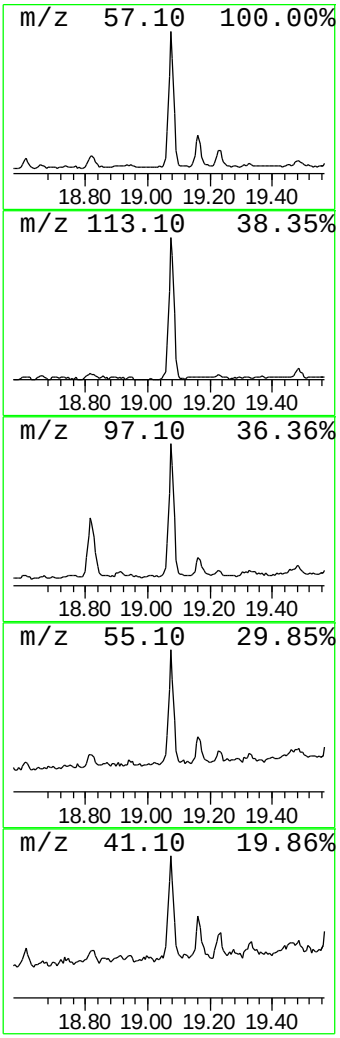
Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	6.98 ng/ul	115981	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	43
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	32
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	28
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25





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ClientSampleId : BFN61

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Quant Title : SVOA CALIBRATION

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

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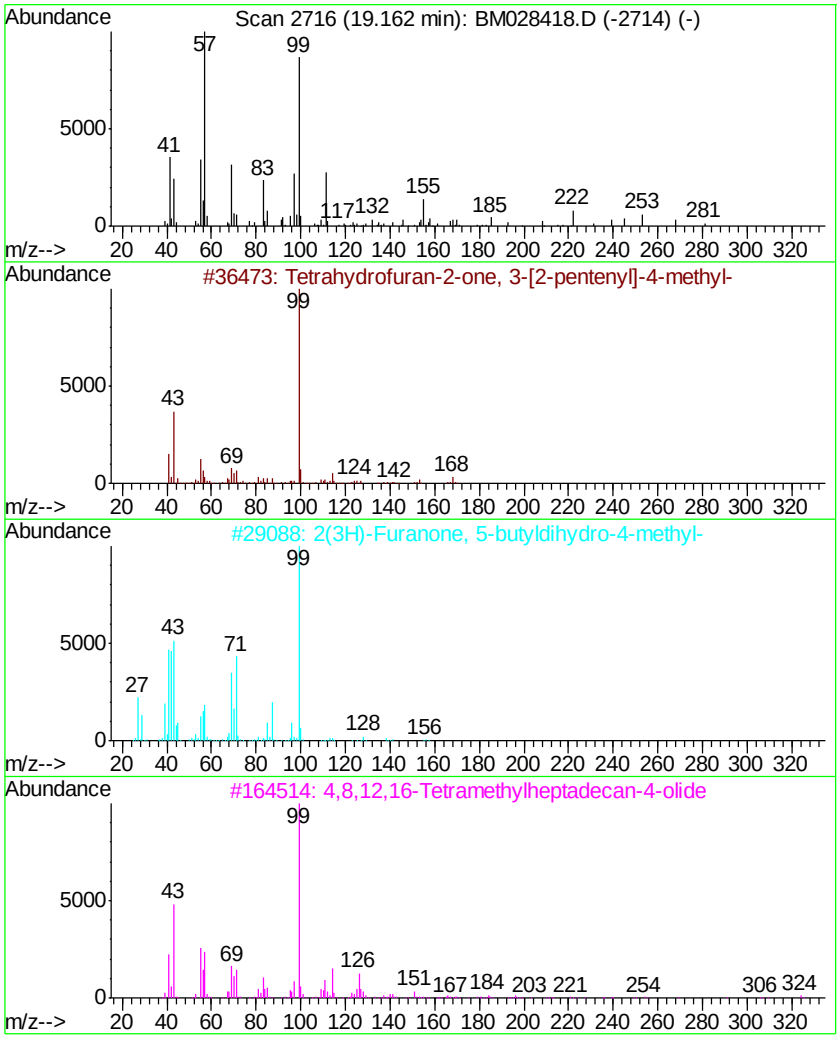
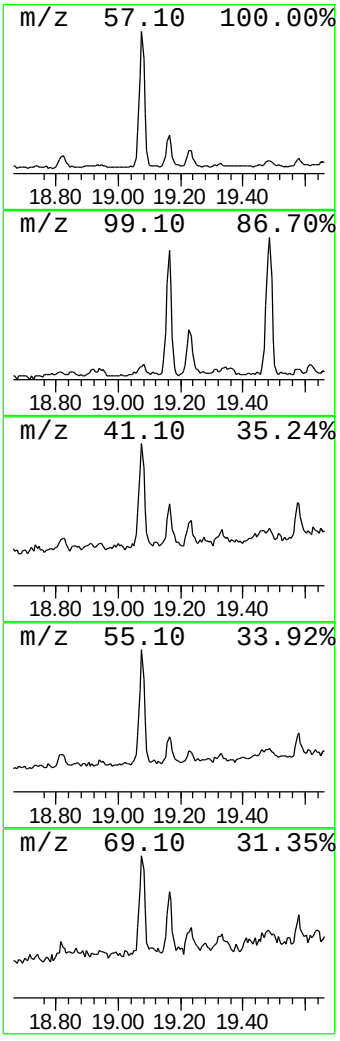
Peak Number 9 unknown-02 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.02 ng/ul	33558	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofuran-2-one, 3-[2-pent...	168	C10H16O2	1000132-08-6	38
2	2(3H)-Furanone, 5-butyldihydro-4...	156	C9H16O2	039212-23-2	35
3	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	32
4	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	32
5	4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	32





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Quant Title : SVOA CALIBRATION

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

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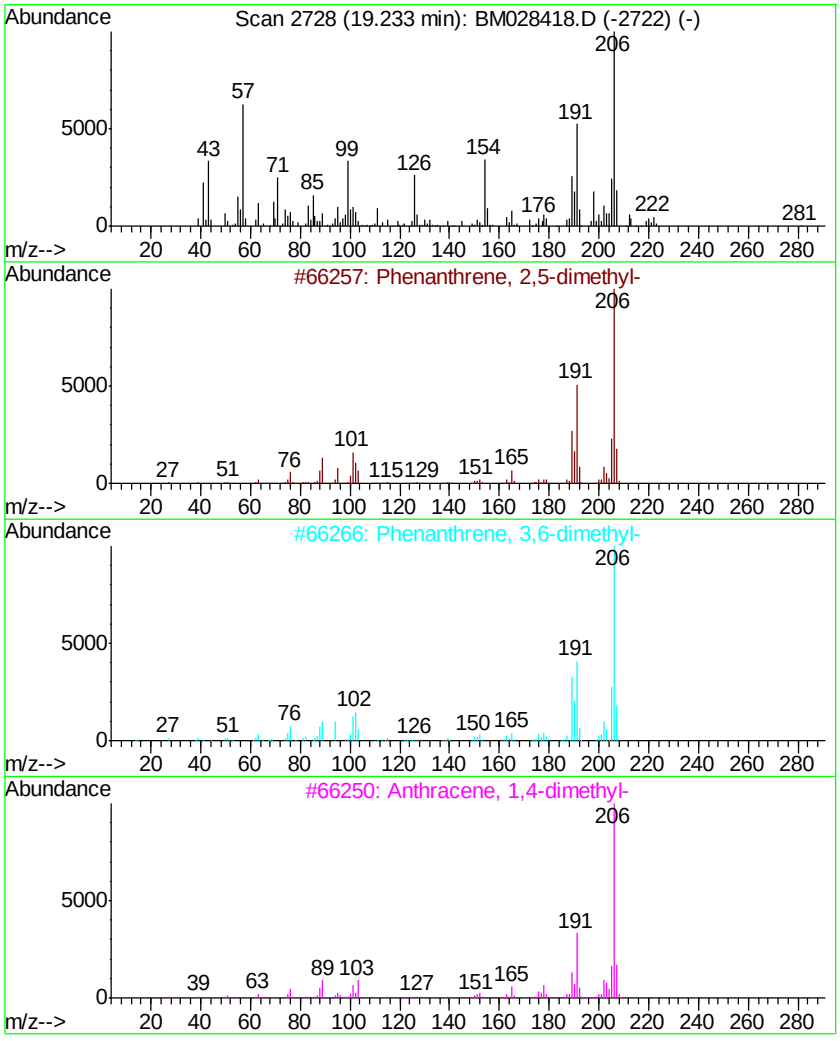
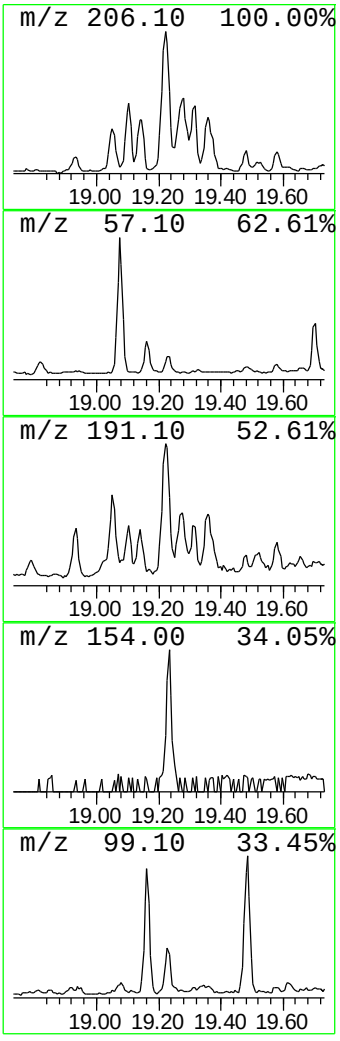
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	5.65 ng/ul	93807	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81





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Quant Title : SVOA CALIBRATION

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

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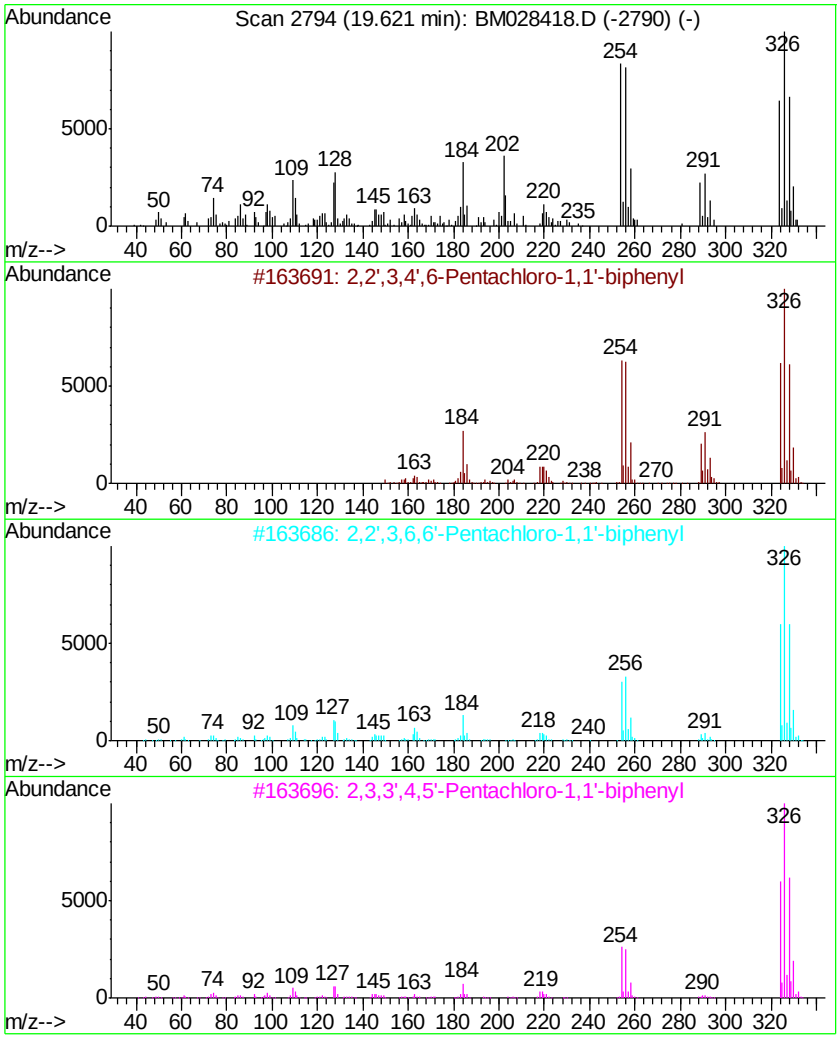
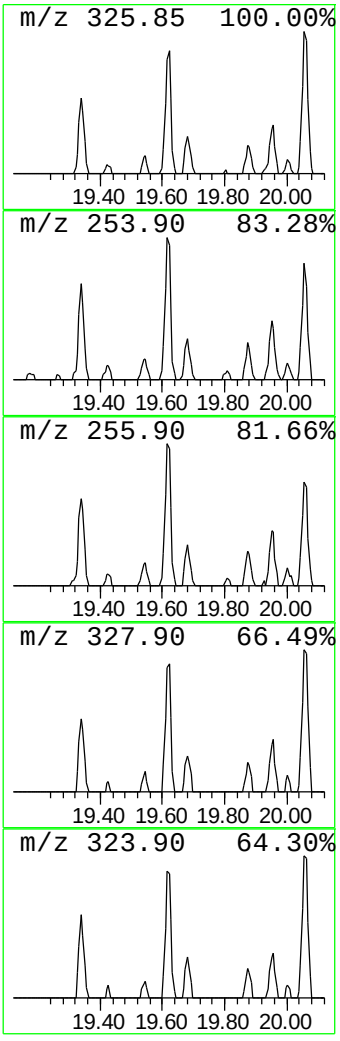
Peak Number 11 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.17 ng/ul	86233	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
2	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
3	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
4	2,2',3,6,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-54-9	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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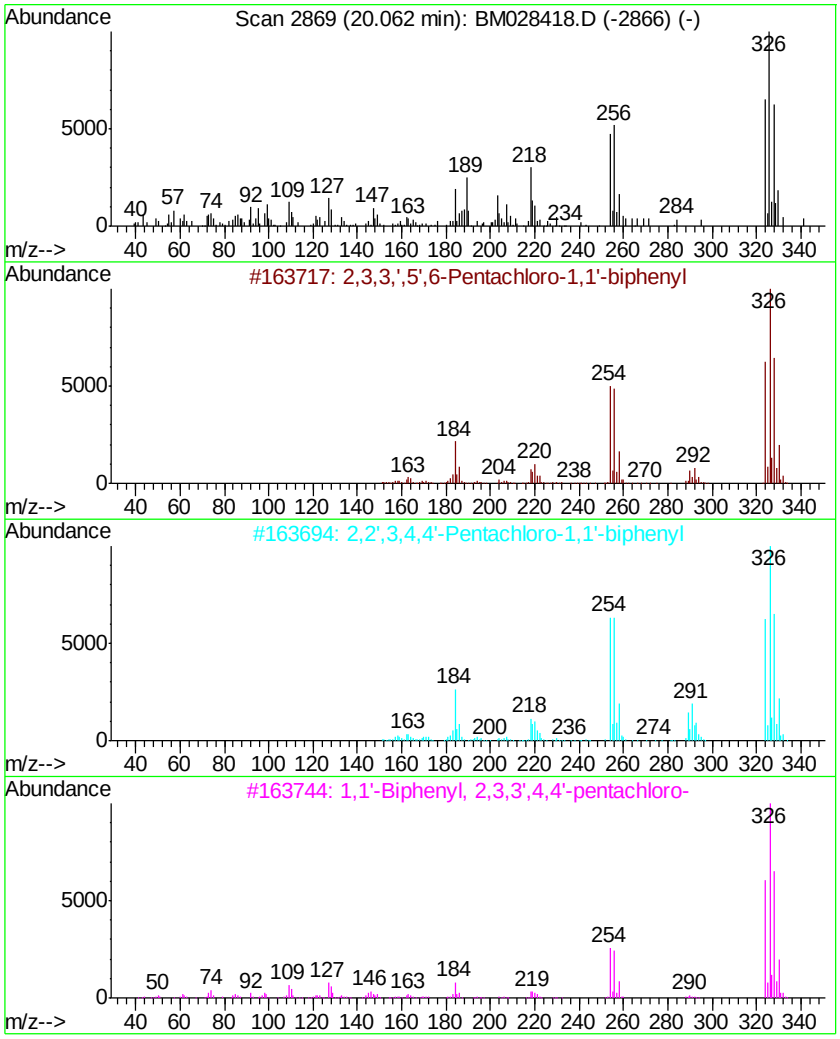
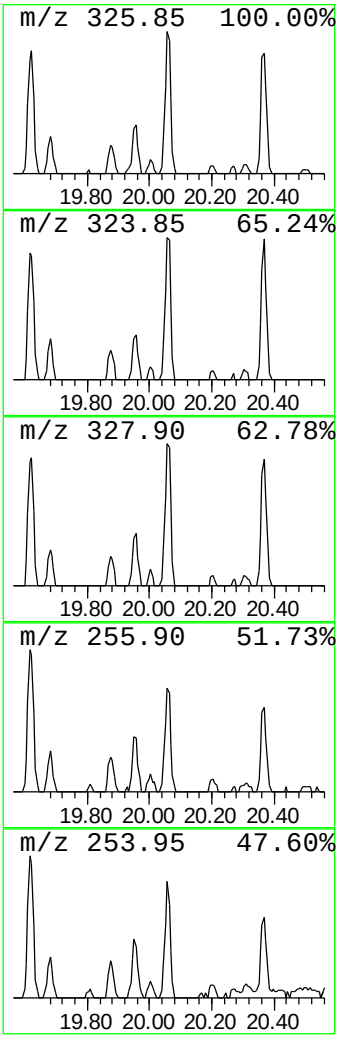
Peak Number 12 2,3,3',5',6-Pentachloro-1,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.57 ng/ul	101952	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	068194-10-5	99
2	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	99
5	1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99





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Quant Title : SVOA CALIBRATION

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

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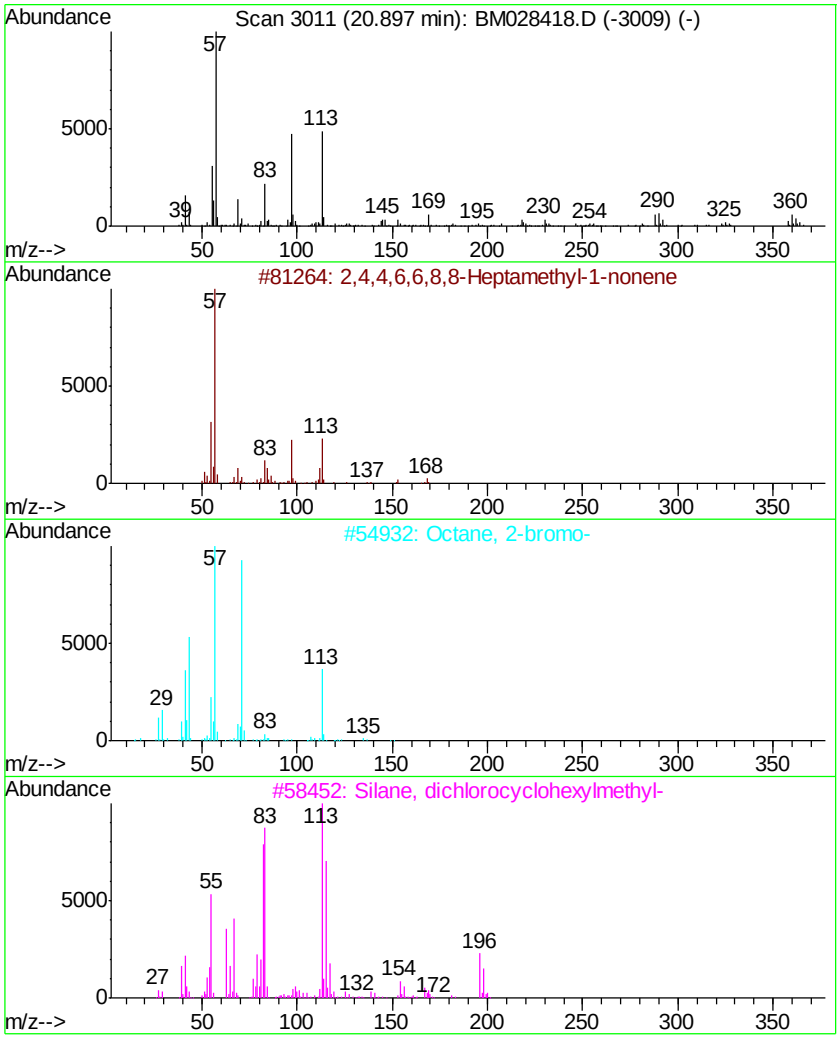
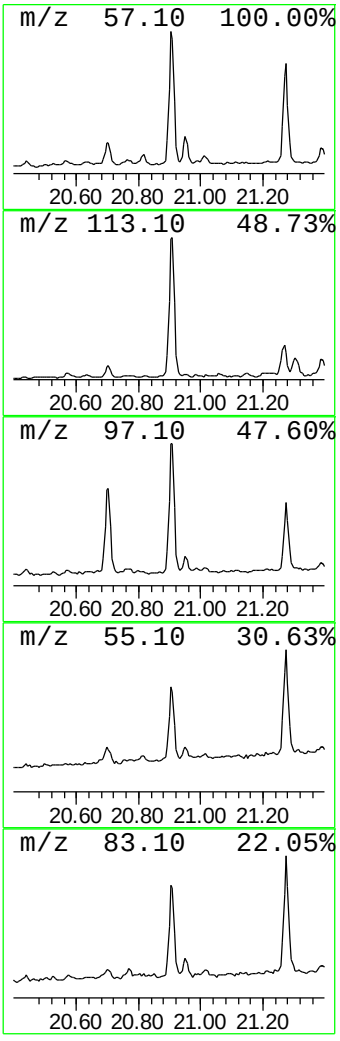
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.10 ng/ul	202836	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	25
3	Silane, dichlorocyclohexylmethyl-	196	C7H14Cl2Si	005578-42-7	18
4	Cyclohexanecarboxylic acid, 2-et...	184	C10H16O3	113122-03-5	18
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	16





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Quant Title : SVOA CALIBRATION

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

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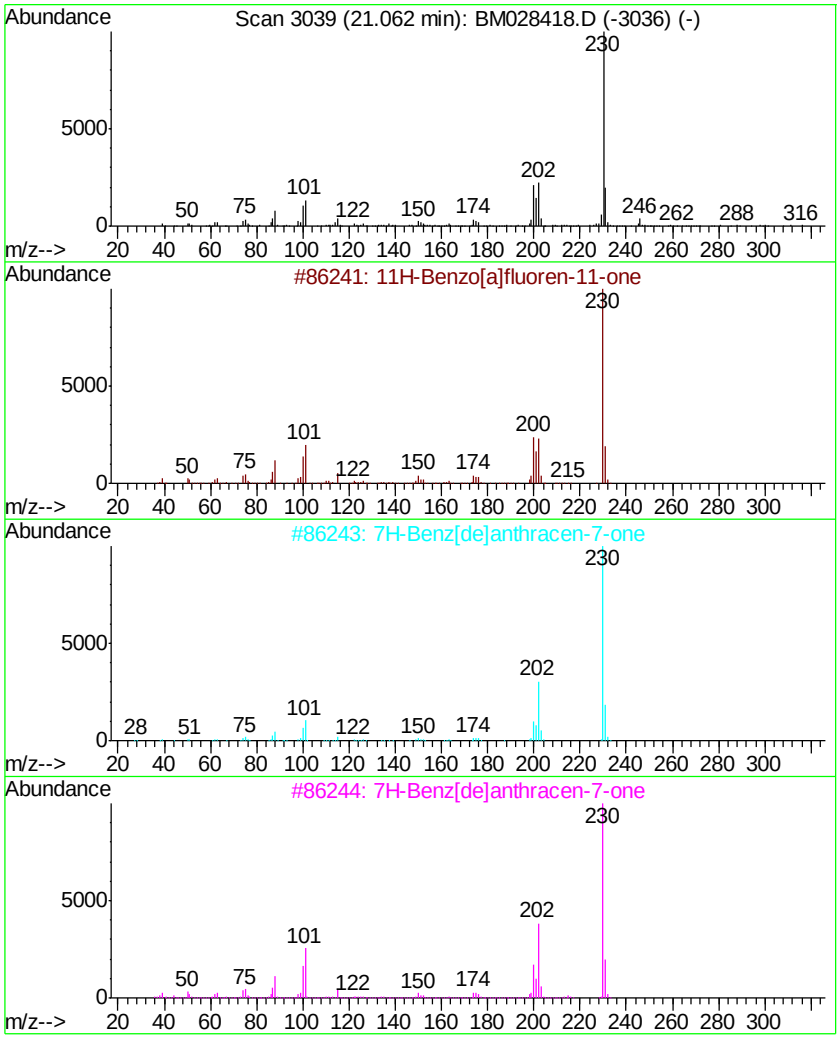
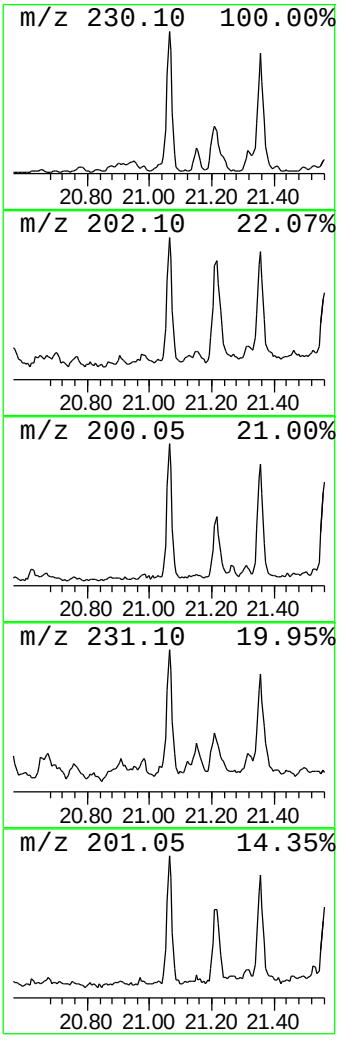
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.89 ng/ul	114948	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





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Quant Title : SVOA CALIBRATION

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

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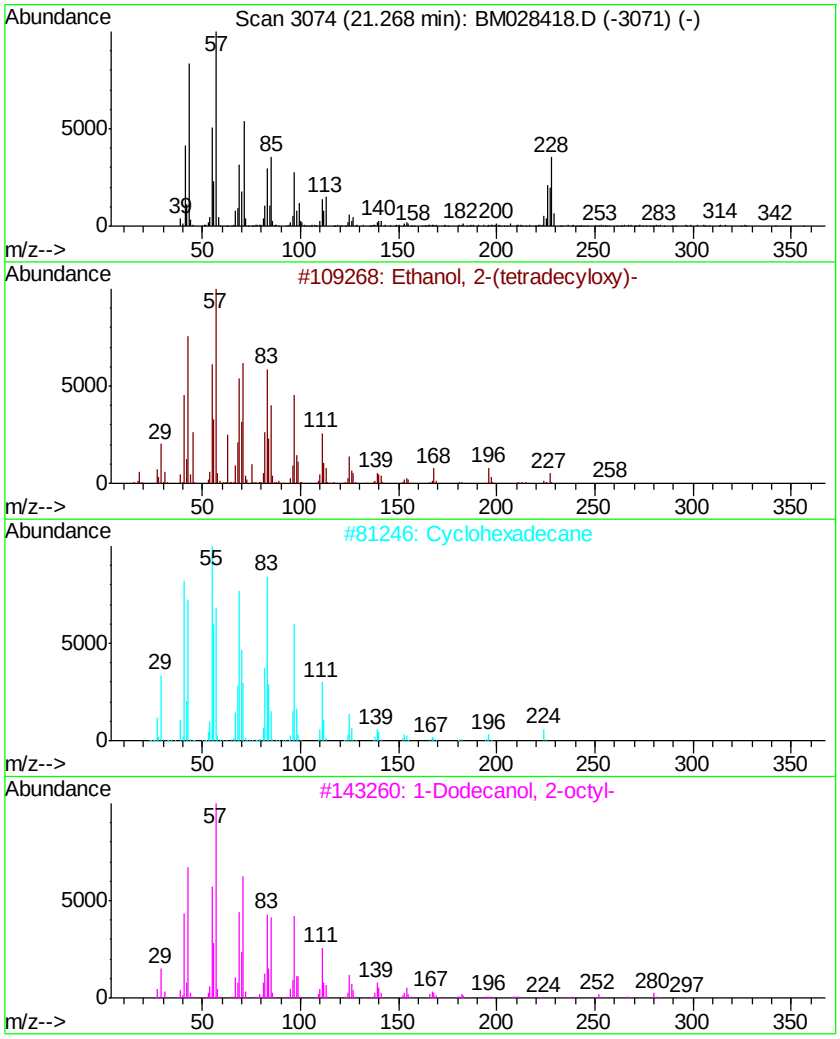
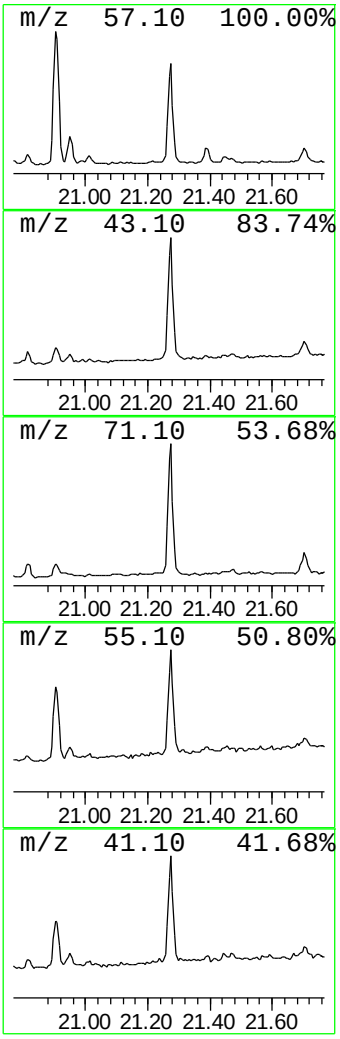
Peak Number 15 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	7.01 ng/ul	278666	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





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Quant Title : SVOA CALIBRATION

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

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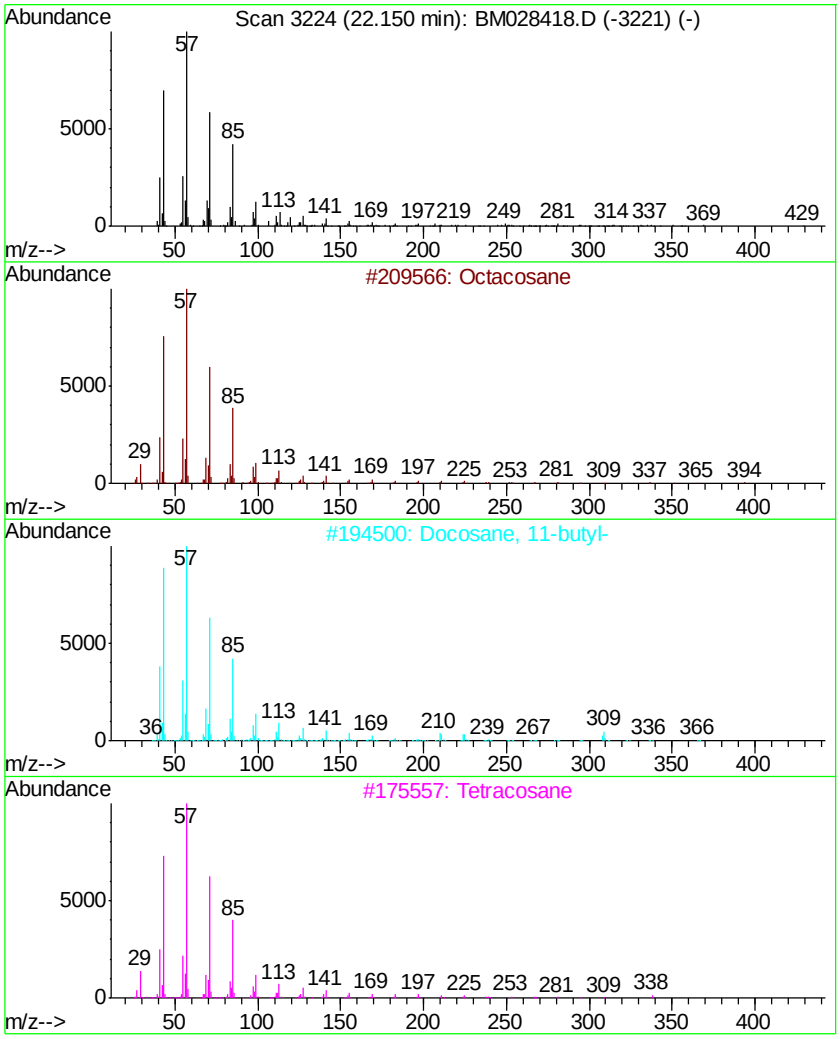
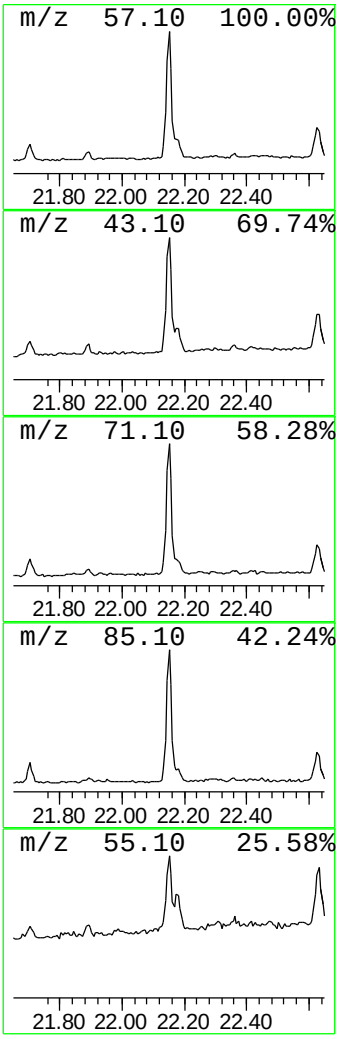
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	4.19 ng/ul	166379	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane	254	C18H38	000593-45-3	90





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Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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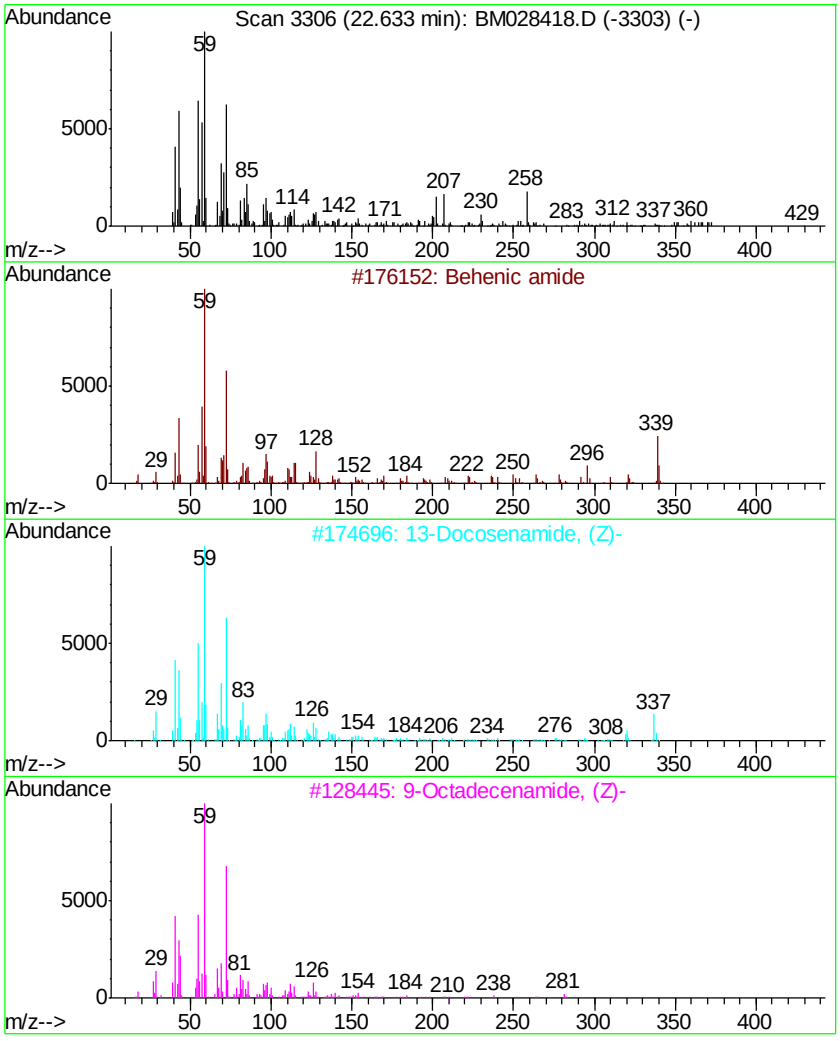
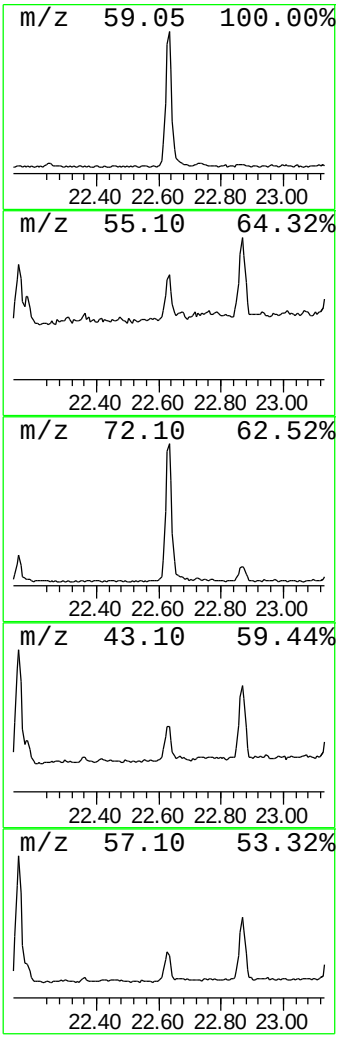
Peak Number 17 Behenic amide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.49 ng/ul	98799	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic amide	339	C22H45NO	003061-75-4	70
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	64
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	58
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50





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Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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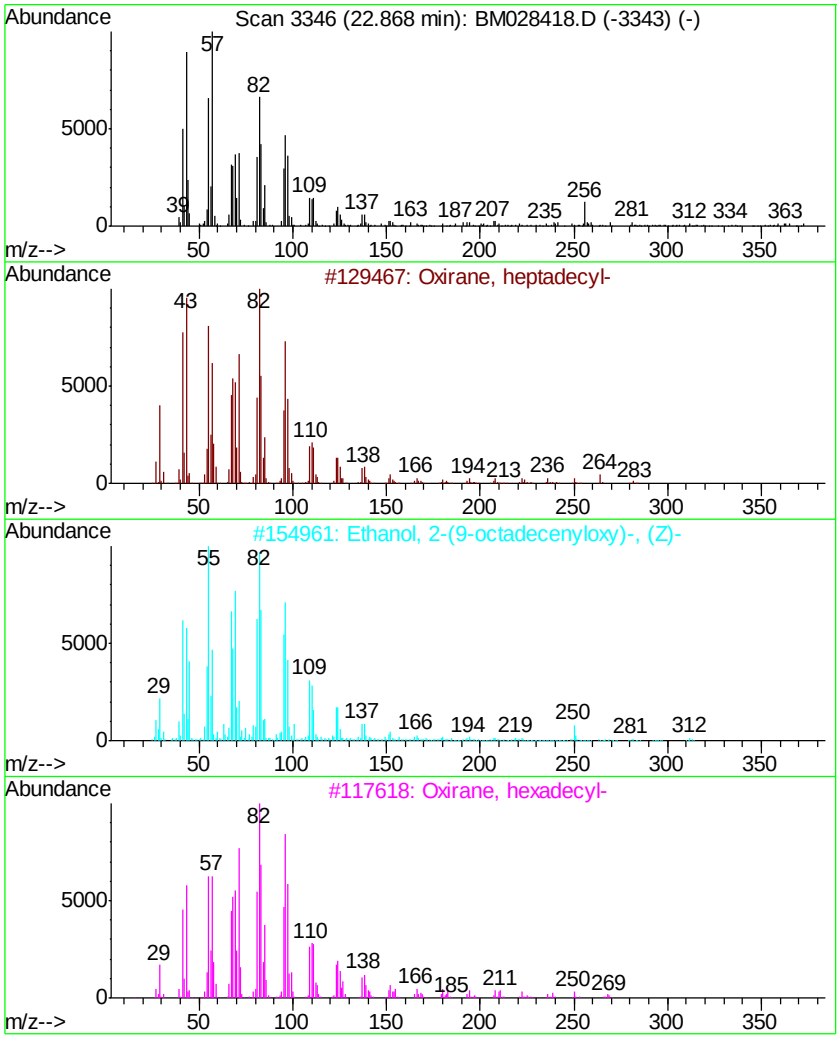
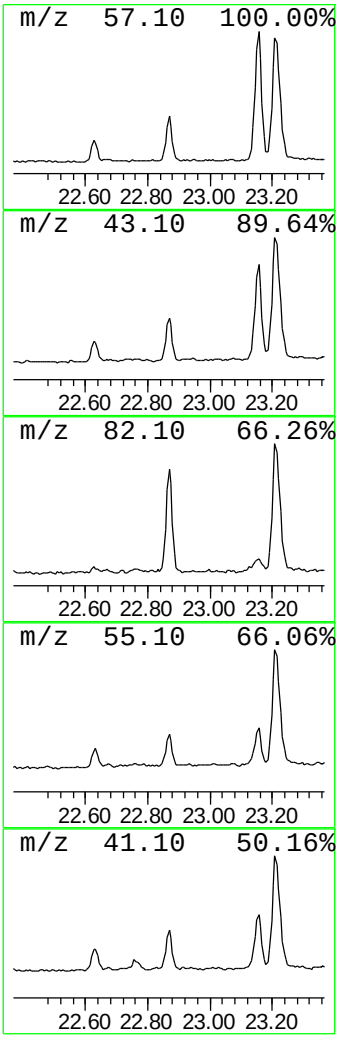
Peak Number 18 Oxirane, heptadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	12.25 ng/ul	227045	Perylene-d12	23.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	90





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Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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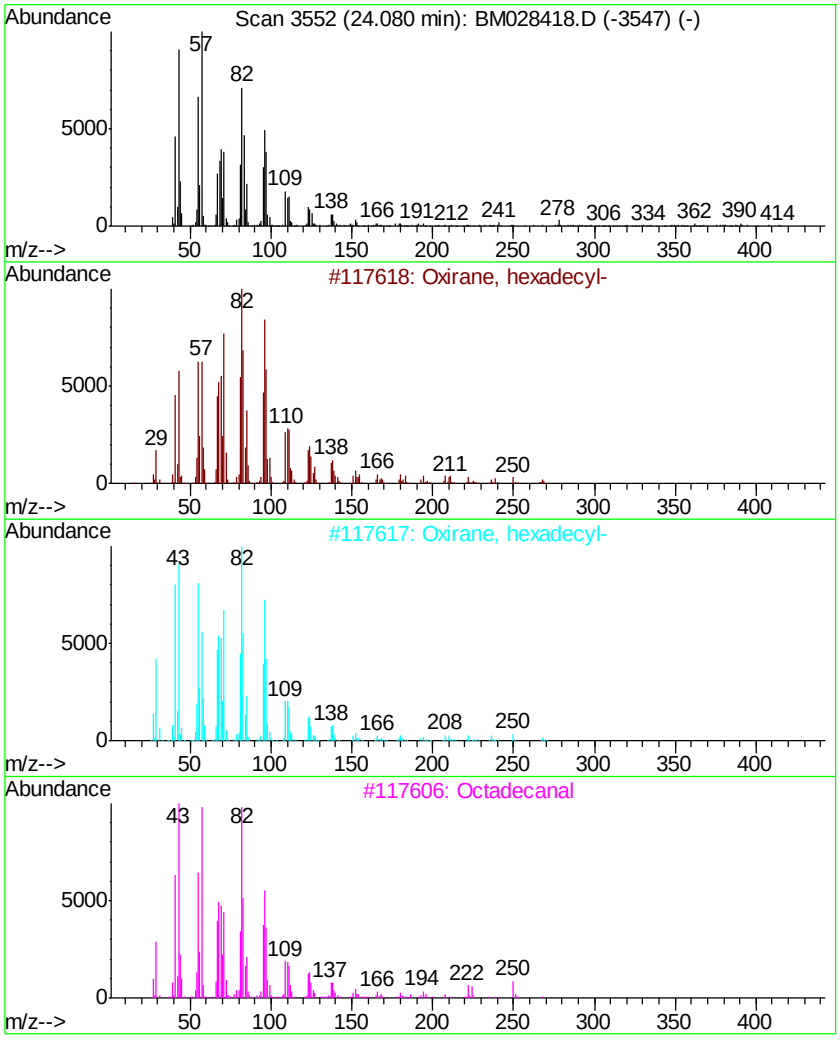
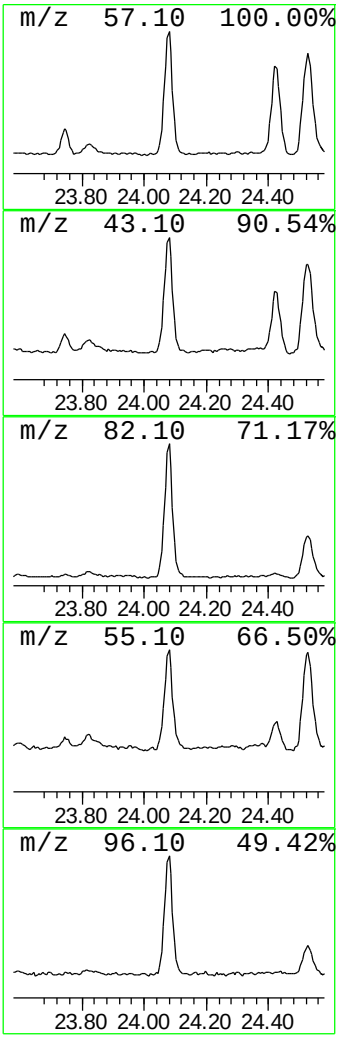
Peak Number 19 Oxirane, hexadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	37.73 ng/ul	699366	Perylene-d12	23.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Octadecanal	268	C18H36O	000638-66-4	95
4	1,19-Eicosadiene	278	C20H38	014811-95-1	94
5	Tetradecanal	212	C14H28O	000124-25-4	94





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Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

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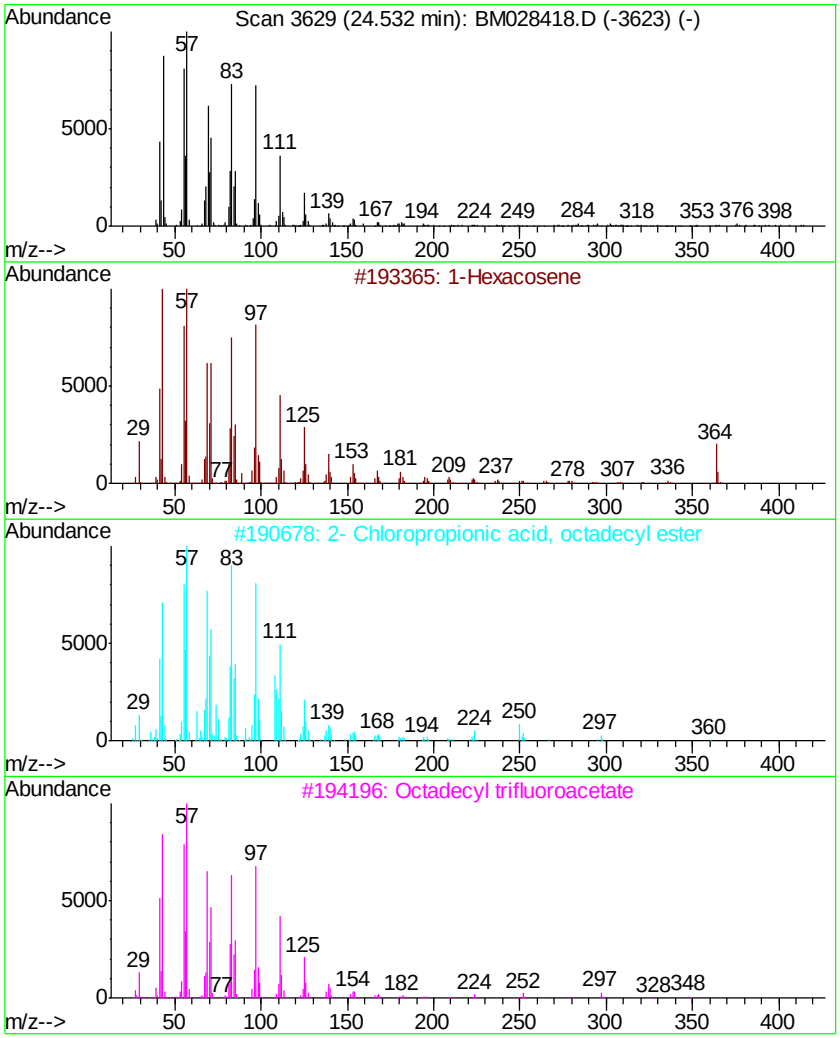
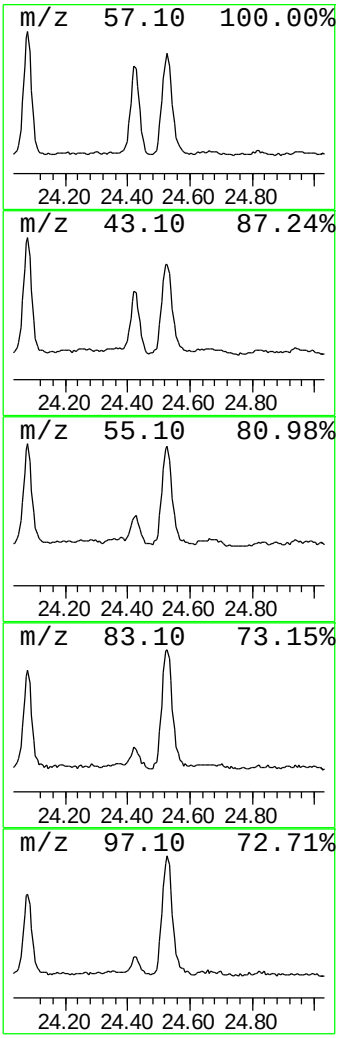
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.53	30.18 ng/ul	559413	Perylene-d12	23.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM011821\
Data File : BM028418.D
Acq On : 18 Jan 2021 09:54
Operator : CG/JU
Sample : M1117-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFN61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.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
2-Butene, 1-bromo...	4.37	6.7	ng/ul	60590	1	8.09	180231	20.0
(DEL) Alkane: Str...	4.81	5.8	ng/ul	52457	1	8.09	180231	20.0
Phenanthrene, 2-m...	18.32	9.4	ng/ul	155489	4	17.45	332235	20.0
Phenanthrene, 4-m...	18.50	9.5	ng/ul	158349	4	17.45	332235	20.0
1H-Indene, 2-phenyl-	18.54	3.4	ng/ul	56720	4	17.45	332235	20.0
Tricyclo[8.2.2.2(...	18.81	4.7	ng/ul	77830	4	17.45	332235	20.0
9,10-Anthracenedione	18.85	3.9	ng/ul	64301	4	17.45	332235	20.0
unknown-01	19.07	7.0	ng/ul	115981	4	17.45	332235	20.0
unknown-02	19.16	2.0	ng/ul	33558	4	17.45	332235	20.0
Phenanthrene, 2,5...	19.23	5.7	ng/ul	93807	4	17.45	332235	20.0
2,2',3,4',6-Penta...	19.62	2.2	ng/ul	86233	5	21.57	794841	20.0
2,3,3,',5',6-Pent...	20.06	2.6	ng/ul	101952	5	21.57	794841	20.0
(DEL) Alkane: Str...	20.90	5.1	ng/ul	202836	5	21.57	794841	20.0
11H-Benzo[a]fluor...	21.06	2.9	ng/ul	114948	5	21.57	794841	20.0
Ethanol, 2-(tetra...	21.27	7.0	ng/ul	278666	5	21.57	794841	20.0
(DEL) Alkane: Str...	22.15	4.2	ng/ul	166379	5	21.57	794841	20.0
Behenic amide	22.63	2.5	ng/ul	98799	5	21.57	794841	20.0
Oxirane, heptadecyl-	22.87	12.3	ng/ul	227045	6	23.90	370761	20.0
Oxirane, hexadecyl-	24.08	37.7	ng/ul	699366	6	23.90	370761	20.0
(DEL) Alkane: Str...	24.53	30.2	ng/ul	559413	6	23.90	370761	20.0