LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

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-BM080720MA.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	3.698	117	121	128	rVB	76824	98290	1.90%	0.129%
2	3.834	138	144	150	rVB	29871	46669	0.90%	0.061%
3	6.822	643	652	662	rBV	593434	997389	19.26%	1.308%
4	6.981	673	679	688	rBV	453803	682296	13.17%	0.895%
5	7.181	706	713	722	rBV	582239	914565	17.66%	1.200%
6	7.639	785	791	800	rBV	528036	806260	15.57%	1.058%
7	8.345	904	911	919	rBV	653993	1019686	19.69%	1.338%
8	8.780	978	985	993	rVB	566105	885060	17.09%	1.161%
9	9.498	1101	1107	1115	rVV	459356	744965	14.38%	0.977%
10	10.039	1190	1199	1209	rVV	753689	1253705	24.21%	1.645%
11	10.410	1255	1262	1268	rBV	705642	1173897	22.67%	1.540%
12	10.463	1268	1271	1277	rVB	31803	48793	0.94%	0.064%
13	10.545	1277	1285	1300	rBV	462635	836744	16.16%	1.098%
14	12.080	1540	1546	1554	rVB	23066	41017	0.79%	0.054%
15	13.598	1800	1804	1809	rVV4	22488	41466	0.80%	0.054%
16	13.692	1814	1820	1824	rVV	1201488	1713996	33.09%	2.248%
17	13.733	1824	1827	1834	rVV	207468	281348	5.43%	0.369%
18	13.962	1859	1866	1878	rBV	1458139	2276145	43.95%	2.986%
19	14.274	1911	1919	1925	rBV	1072879	1548865	29.91%	2.032%
20	14.474	1946	1953	1962	rBV	540015	818702	15.81%	1.074%
21	14.674	1982	1987	1996	rVB2	40273	73930	1.43%	0.097%
22	14.898	2016	2025	2030	rBV5	19139	41310	0.80%	0.054%
23	15.268	2082	2088	2094	rBV	1755606	2469250	47.68%	3.239%
24	15.321	2094	2097	2103	rVB4	41327	61986	1.20%	0.081%
25	15.386	2103	2108	2117	rBV	342590	492402	9.51%	0.646%
26	15.509	2123	2129	2133	rBV4	23228	44319	0.86%	0.058%
27	15.621	2143	2148	2152	rBV	30821	45506	0.88%	0.060%
28	15.768	2169	2173	2181	rVB2	36418	70599	1.36%	0.093%
29	15.856	2181	2188	2194	rVB6	17475	38580	0.74%	0.051%
30	16.015	2207	2215	2218	rBV6	21352	52080	1.01%	0.068%
31	16.333	2266	2269	2274	rVV5	18511	35405	0.68%	0.046%
32	16.562	2302	2308	2312	rBV3	45143	74676	1.44%	0.098%
33	16.598	2312	2314	2318	rVB3	30598	40454	0.78%	0.053%
34	16.668	2323	2326	2336	rVB3	78499	138648	2.68%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

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-BM080720MA.M
Title : SVOA CALIBRATION

35	16.756	2337	2341	2347	rBV2	40090	79454	1.53%	0.104%
36	16.939	2368	2372	2379	rBV5	50043	78084	1.51%	0.102%
37	17.015	2379	2385	2389	rBV	1265256	1800517	34.76%	2.362%
38	17.056	2389	2392	2397	rVB	786475	1045324	20.18%	1.371%
39	17.115	2397	2402	2407	rBV	1885086	2615691	50.50%	3.431%
40	17.209	2414	2418	2425	rVB6	51825	85626	1.65%	0.112%
41	17.327	2436	2438	2444	rVB4	25717	38602	0.75%	0.051%
42	17.415	2450	2453	2458	rVB	63496	90117	1.74%	0.118%
43	17.545	2472	2475	2478	rVB2	34477	42226	0.82%	0.055%
44	17.598	2481	2484	2490	rVB3	44368	61276	1.18%	0.080%
45	17.815	2517	2521	2526	rBV2	42316	57945	1.12%	0.076%
46	17.892	2527	2534	2538	rVV2	227750	470201	9.08%	0.617%
47	17.939	2538	2542	2550	rVV	766909	1101200	21.26%	1.444%
48	18.021	2551	2556	2561	rVV2	120331	209435	4.04%	0.275%
49	18.086	2561	2567	2571	rVV2	233077	464669	8.97%	0.610%
50	18.121	2571	2573	2580	rVB	149676	198756	3.84%	0.261%
51	18.239	2590	2593	2598	rVB5	62278	85190	1.64%	0.112%
52	18.398	2616	2620	2623	rBV	142099	177394	3.43%	0.233%
53	18.433	2623	2626	2632	rVB	191866	248979	4.81%	0.327%
54	18.650	2659	2663	2667	rBV2	63271	84888	1.64%	0.111%
55	18.697	2668	2671	2674	rVV	65743	85146	1.64%	0.112%
56	18.739	2674	2678	2681	rVB	65611	86863	1.68%	0.114%
57	18.821	2686	2692	2696	rBV2	204342	363830	7.02%	0.477%
58	18.880	2698	2702	2705	rBV3	107868	166082	3.21%	0.218%
59	18.956	2711	2715	2723	rBV	193455	321558	6.21%	0.422%
60	19.080	2731	2736	2742	rVB	2071991	2609041	50.38%	3.422%
61	19.227	2757	2761	2766	rBV2	189194	244891	4.73%	0.321%
62	19.280	2767	2770	2774	rBV2	55943	87631	1.69%	0.115%
63	19.415	2788	2793	2796	rBV2	2483193	3780168	72.99%	4.959%
64	19.444	2796	2798	2806	rVV	2006576	2251877	43.48%	2.954%
65	19.521	2807	2811	2817	rVB2	118384	223956	4.32%	0.294%
66	19.627	2825	2829	2834	rBV	121630	170343	3.29%	0.223%
67	19.686	2835	2839	2845	rVB2	140555	232442	4.49%	0.305%
68	19.762	2847	2852	2866	rVB6	279794	772608	14.92%	1.013%
69	19.909	2873	2877	2879	rBV3	155415	228239	4.41%	0.299%
70	19.944	2879	2883	2888	rVB	299558	486302	9.39%	0.638%
71	19.997	2888	2892	2895	rBV4	97414	131361	2.54%	0.172%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

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-BM080720MA.M
Title : SVOA CALIBRATION

72	20.044	2896	2900	2904	rBV	137932	183512	3.54%	0.241%
73	20.097	2904	2909	2914	rBV2	319058	531008	10.25%	0.697%
74	20.186	2921	2924	2929	rBV3	64188	113345	2.19%	0.149%
75	20.239	2930	2933	2937	rBV	174220	210591	4.07%	0.276%
76	20.286	2938	2941	2943	rBV	136701	168385	3.25%	0.221%
77	20.497	2974	2977	2980	rBV4	78185	110593	2.14%	0.145%
78	20.691	3006	3010	3017	rVB	337508	468172	9.04%	0.614%
79	20.850	3032	3037	3041	rBV2	203878	411145	7.94%	0.539%
80	20.897	3041	3045	3048	rVV2	235983	298609	5.77%	0.392%
81	20.944	3048	3053	3057	rVV2	995893	1342437	25.92%	1.761%
82	20.986	3057	3060	3066	rVB	284616	394214	7.61%	0.517%
83	21.150	3085	3088	3092	rBV2	299081	339692	6.56%	0.446%
84	21.203	3092	3097	3102	rVV2	2058442	4020558	77.63%	5.274%
85	21.250	3102	3105	3115	rVB	1166797	1546833	29.87%	2.029%
86	21.756	3189	3191	3196	rVB	346305	378141	7.30%	0.496%
87	21.833	3197	3204	3208	rVV3	510107	912080	17.61%	1.196%
88	22.497	3313	3317	3329	rVB3	672079	1132926	21.87%	1.486%
89	22.780	3355	3365	3368	rBV2	2133197	5179224	100.00%	6.794%
90	22.815	3368	3371	3383	rVV	1984976	3235619	62.47%	4.244%
91	22.921	3386	3389	3395	rVB	267128	396544	7.66%	0.520%
92	23.221	3435	3440	3444	rBV	600264	1104175	21.32%	1.448%
93	23.274	3444	3449	3453	rVV	1508992	2789057	53.85%	3.659%
94	23.315	3453	3456	3464	rVB	1068445	1894568	36.58%	2.485%
95	23.409	3466	3472	3477	rBV	1029785	1882819	36.35%	2.470%
96	23.974	3563	3568	3574	rVB	996908	1797107	34.70%	2.357%
97	24.050	3576	3581	3590	rVB2	766511	1452217	28.04%	1.905%
98	24.209	3606	3608	3609	rVB2	155907	60054	1.16%	0.079%
99	25.691	3854	3860	3871	rVB4	481561	1335086	25.78%	1.751%
100	26.415	3977	3983	3999	rVB6	444925	1358536	26.23%	1.782%

Sum of corrected areas: 76234162

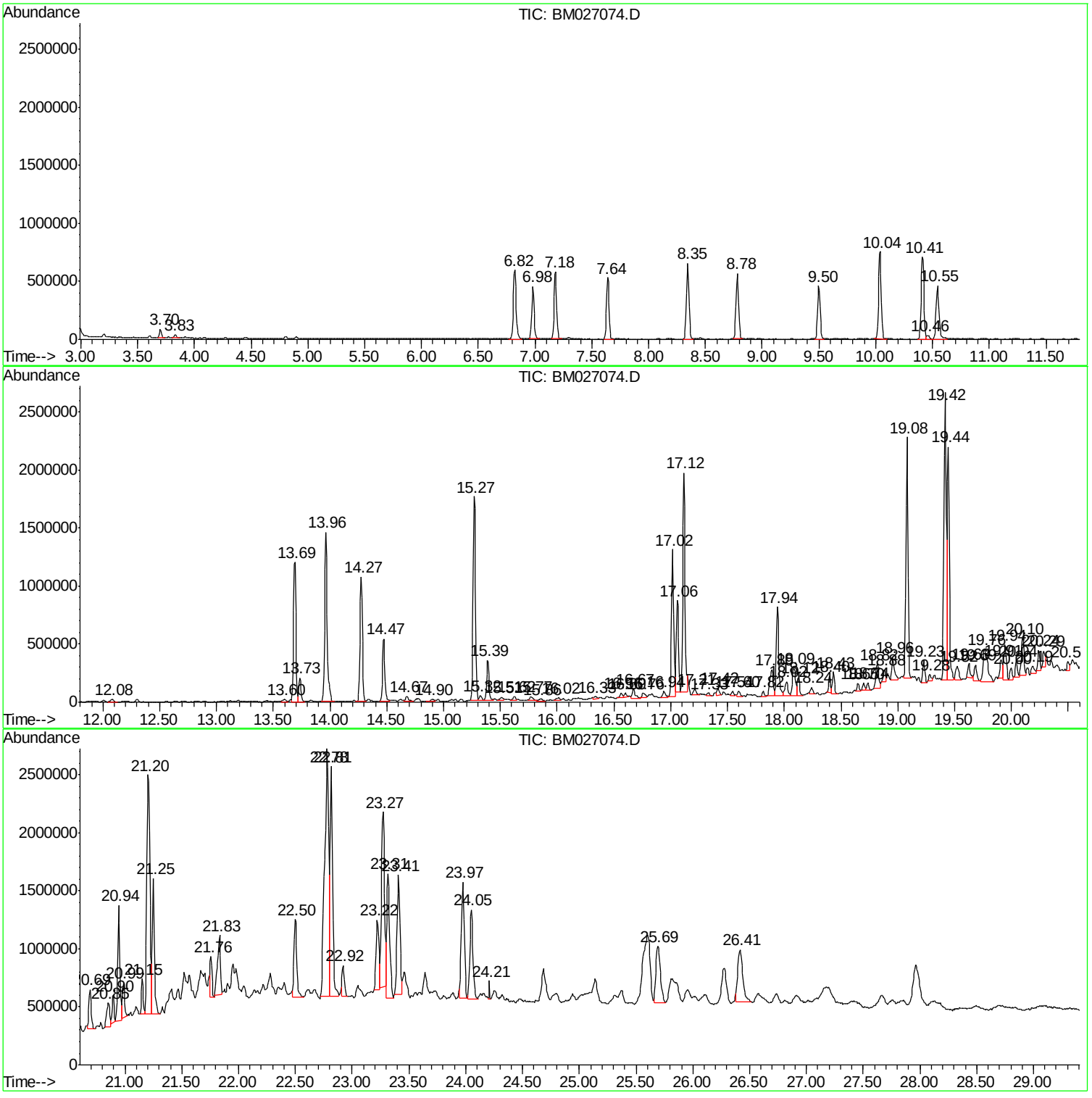
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

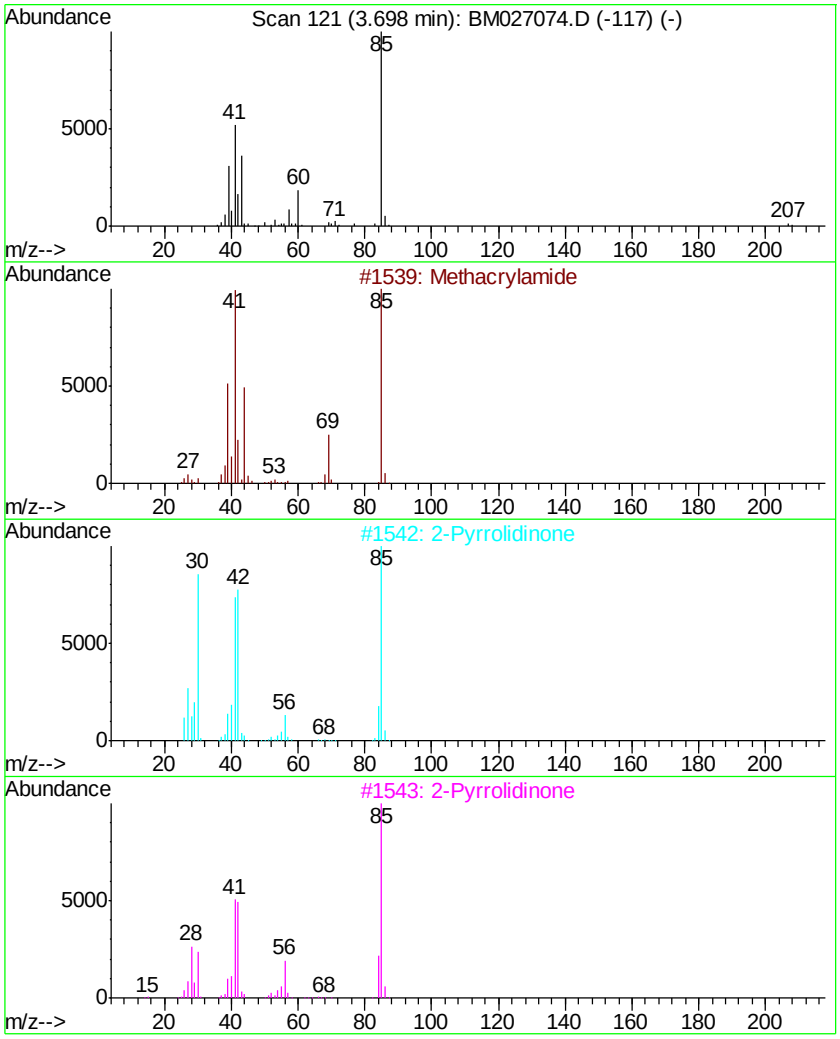
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

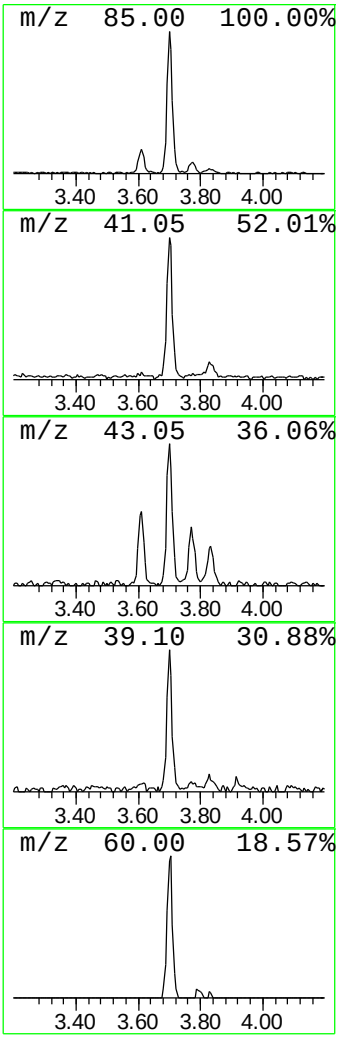
****

Peak Number 1 Methacrylamide Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	2.44 ng/ul	98290	1,4-Dichlorobenzene-d4	7.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	72
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	5-Oxotetrahydrofuran-2-carboxyli...	130	C5H6O4	004344-84-7	9
5	10-(Tetrahydro-pyran-2-yloxy)-tr...	252	C15H24O3	1000192-28-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

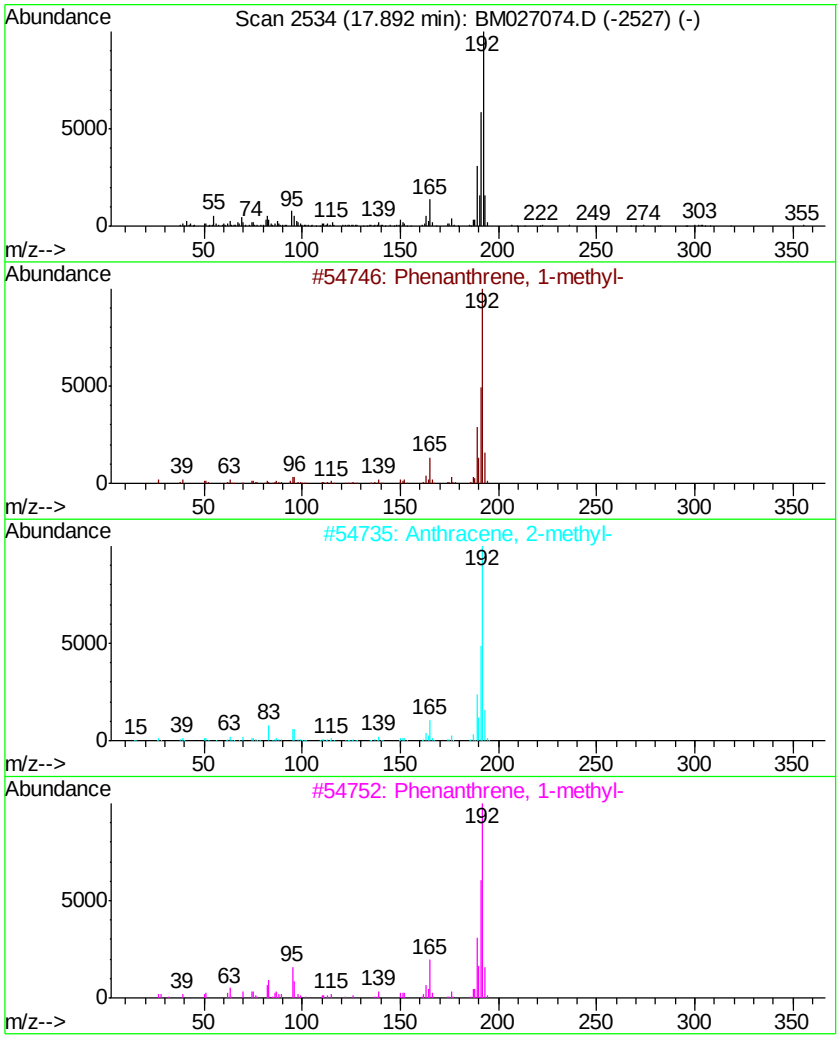
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

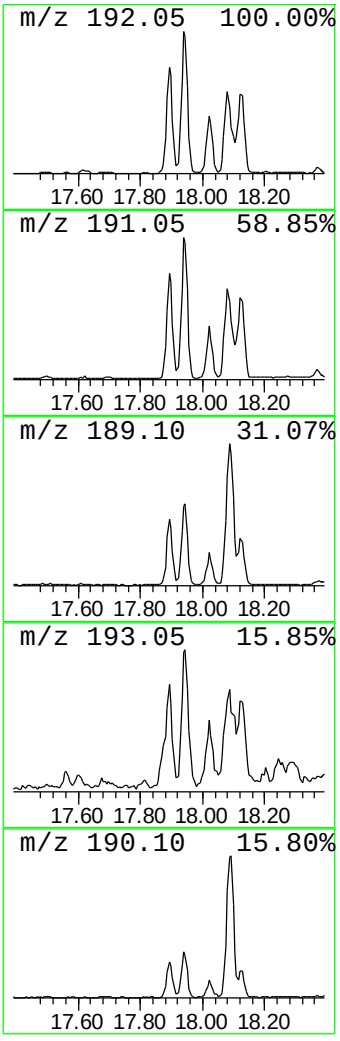
****

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	5.22 ng/ul	470201	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

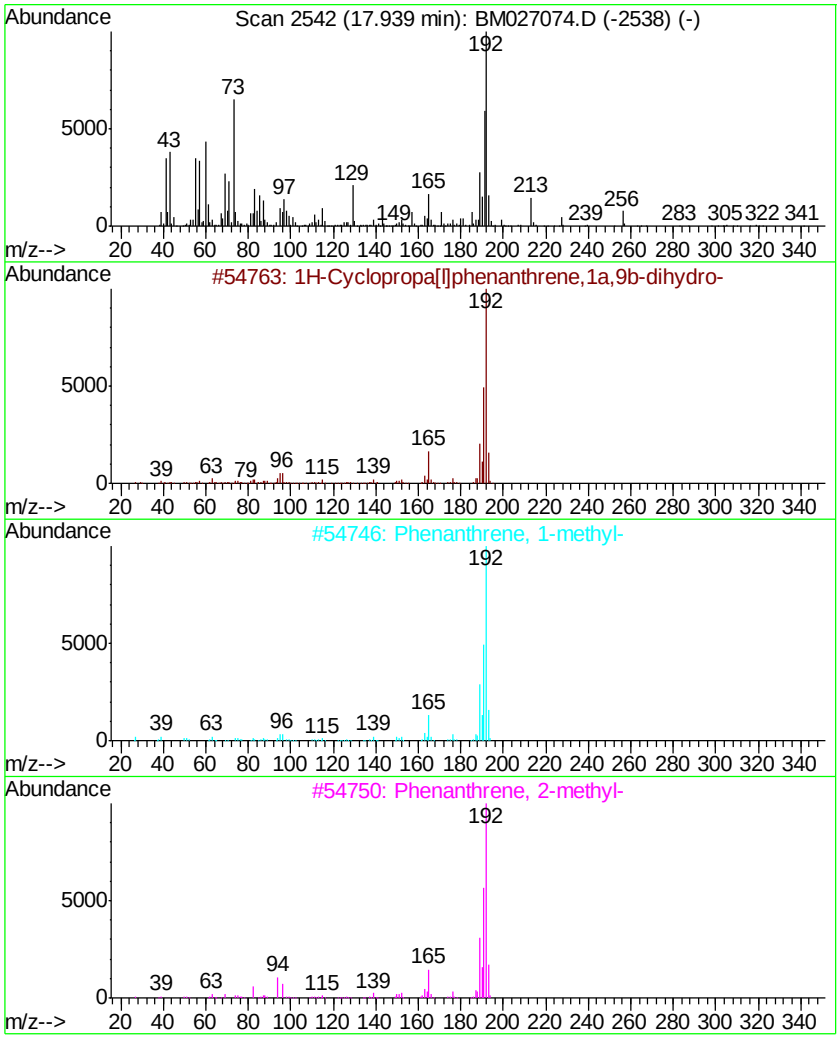
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

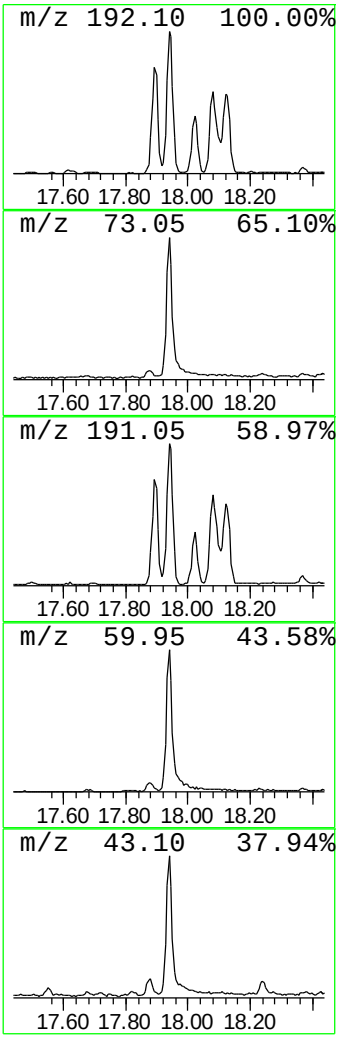
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	12.23 ng/ul	1101200	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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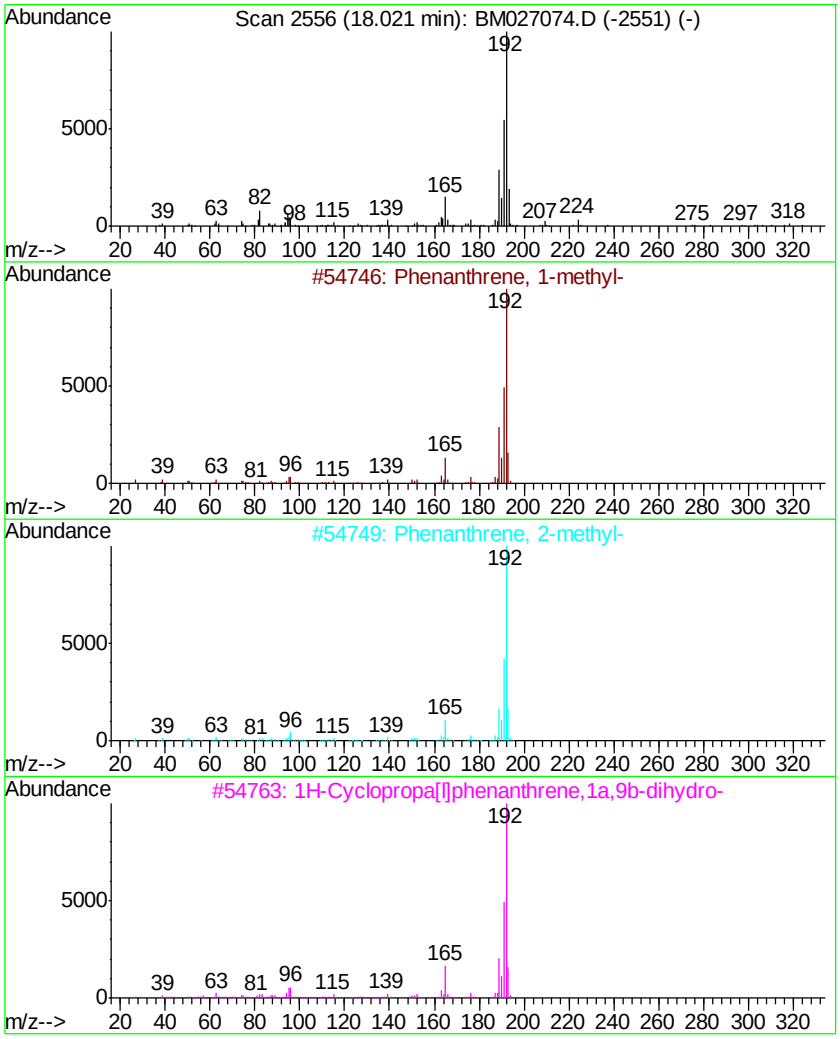
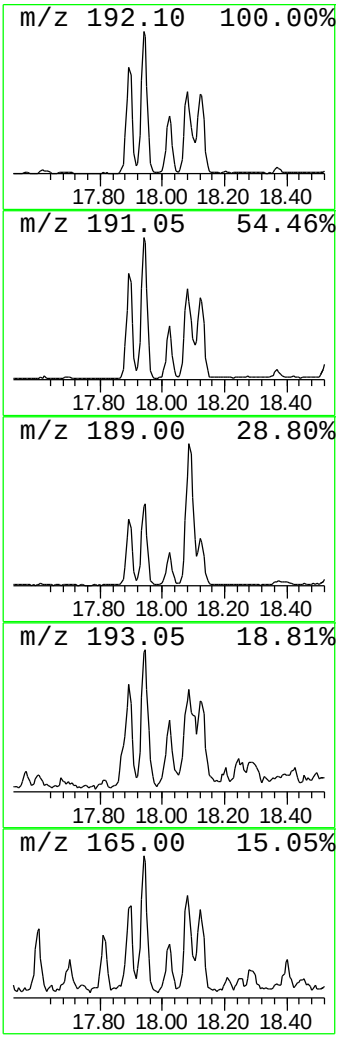
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.33 ng/ul	209435	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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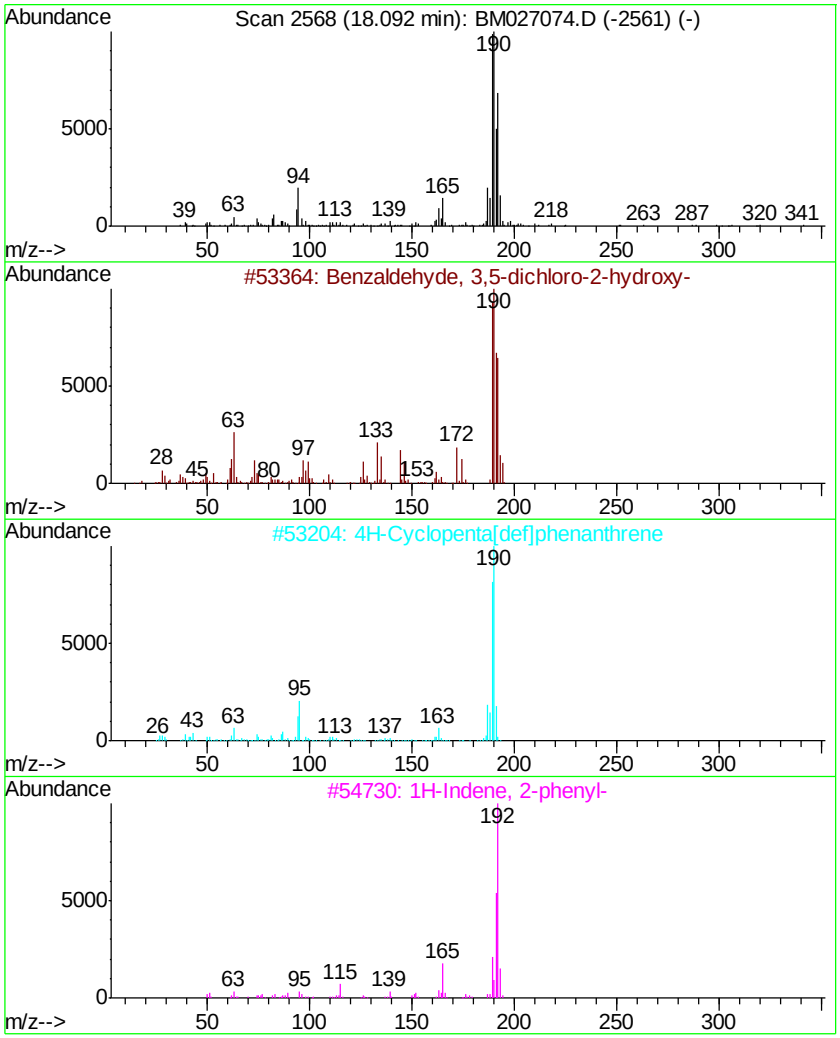
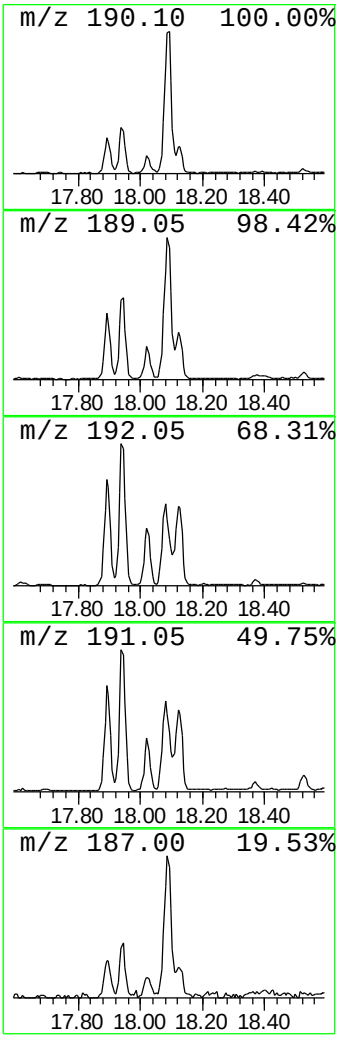
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.16 ng/ul	464669	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





Library Search Compound Report

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Operator : JU/CG
Sample : L3630-02
Misc :
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ClientSampleId : BFM69

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Quant Title : SVOA CALIBRATION

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

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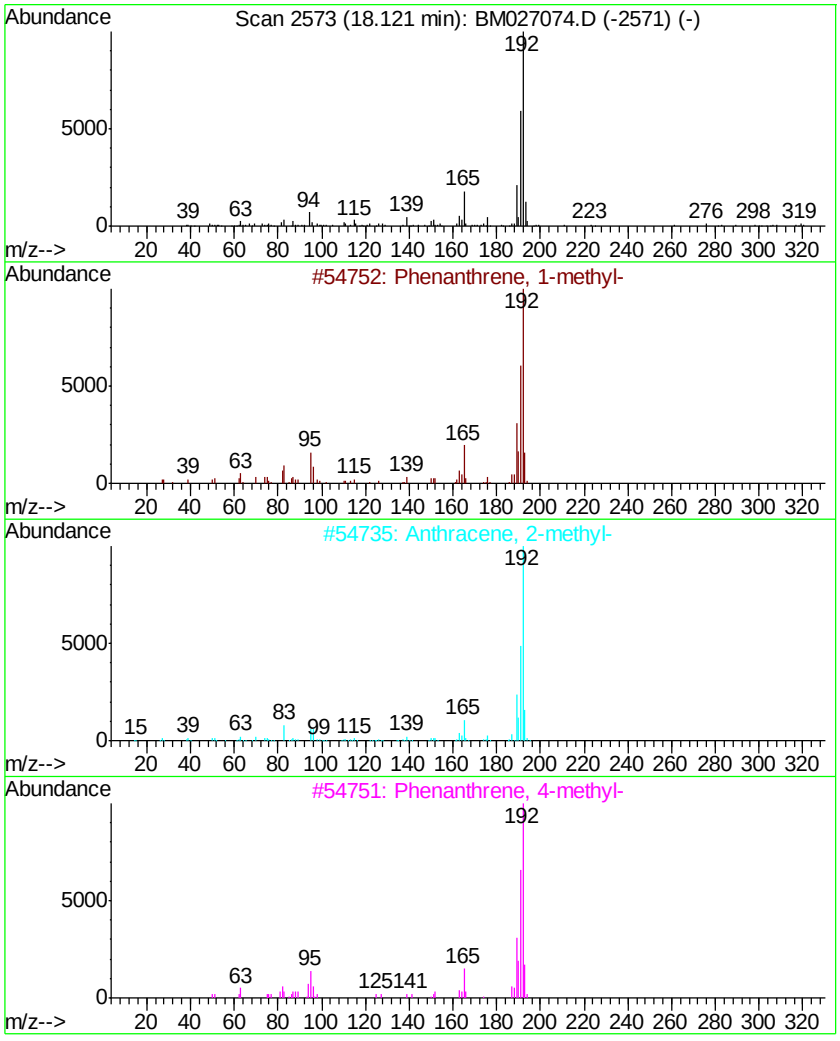
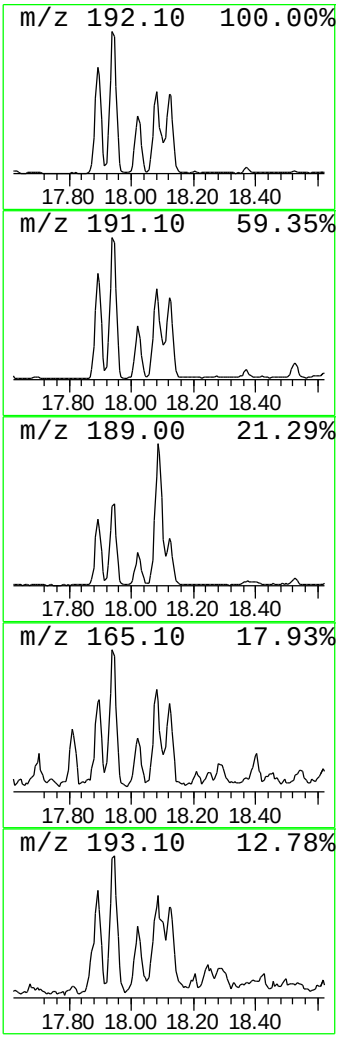
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.21 ng/ul	198756	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68





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Instrument : BNA_M
ClientSampleId : BFM69

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Quant Title : SVOA CALIBRATION

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

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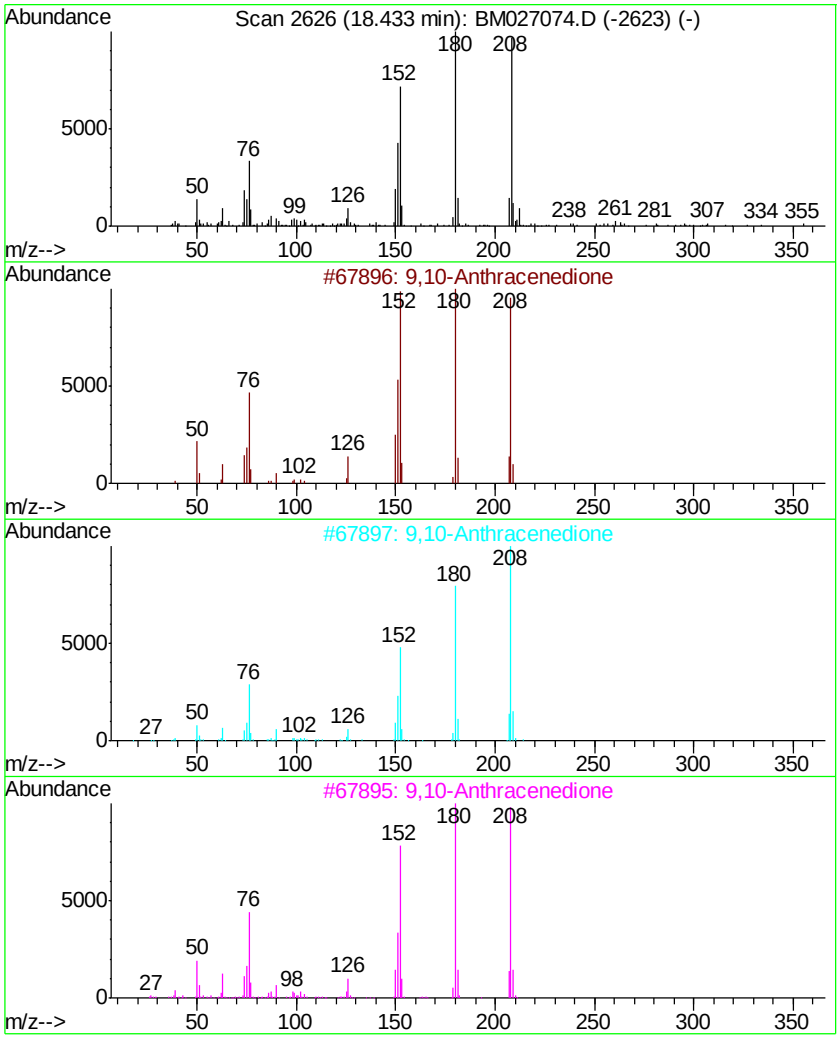
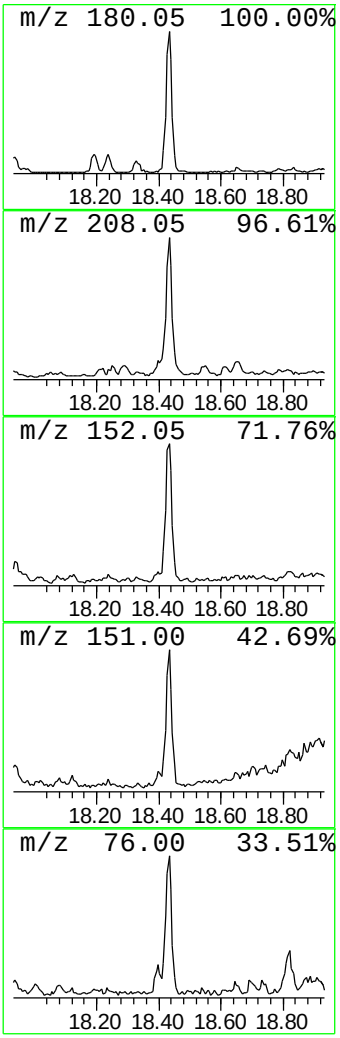
Peak Number 7 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.77 ng/ul	248979	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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Quant Title : SVOA CALIBRATION

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

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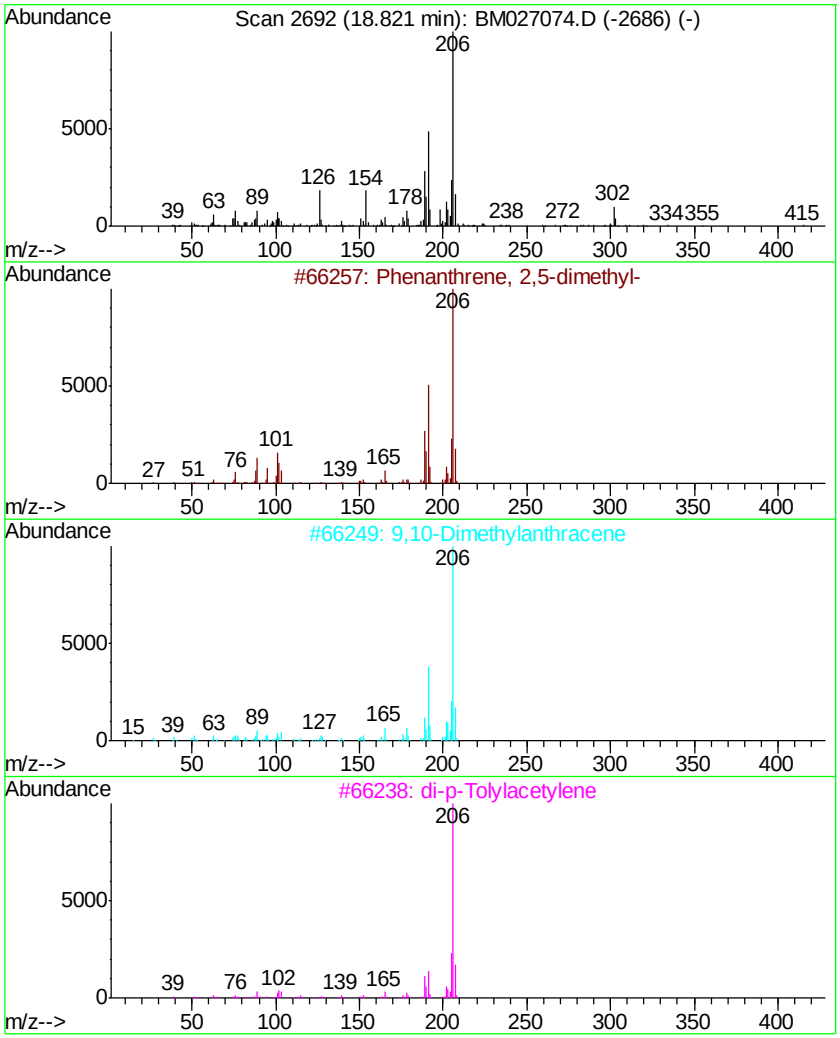
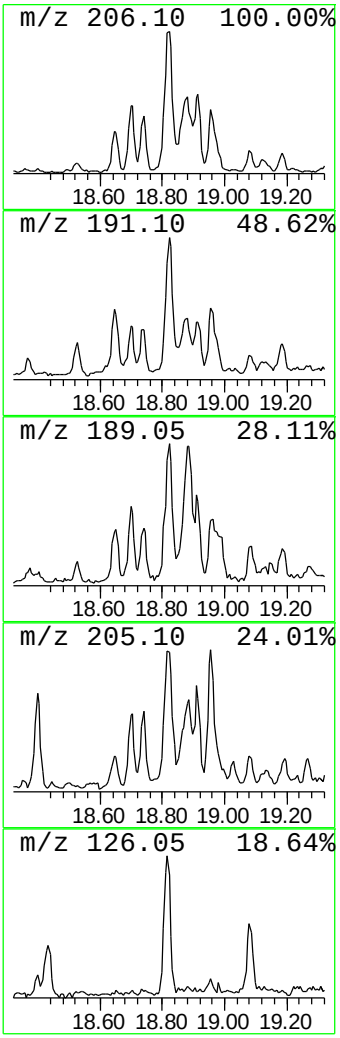
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.04 ng/ul	363830	Phenanthrene-d10	17.02

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





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Instrument : BNA_M
ClientSampleId : BFM69

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Quant Title : SVOA CALIBRATION

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

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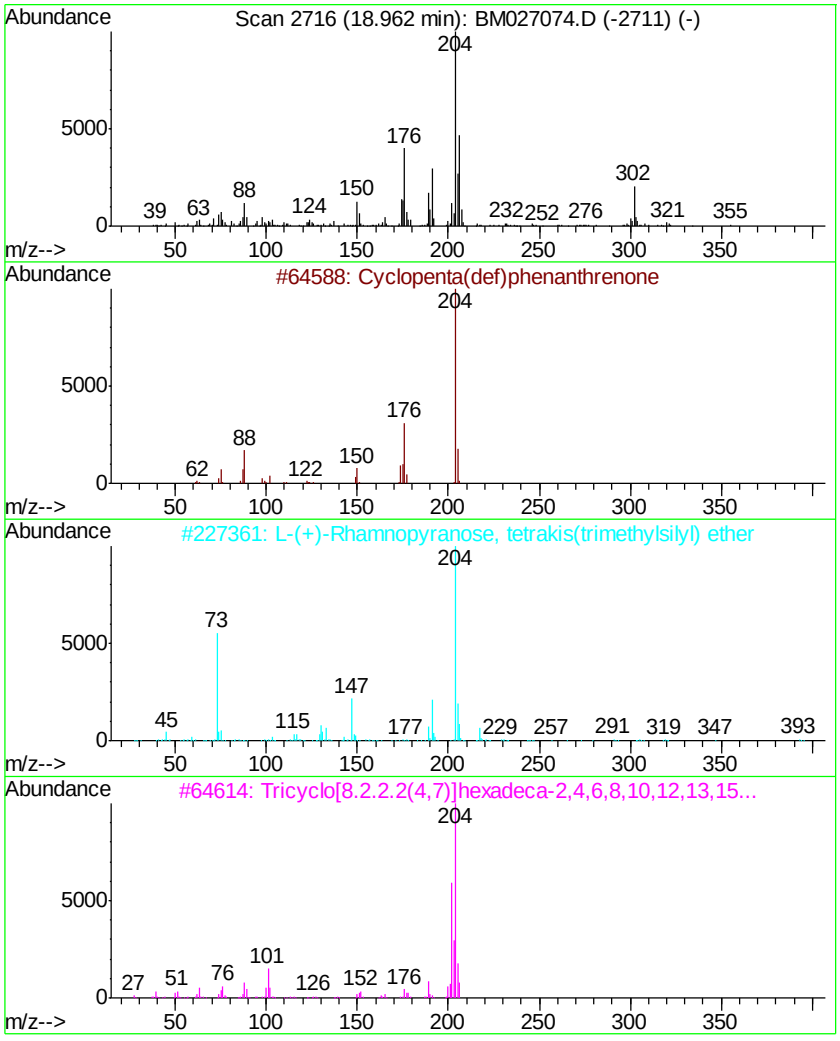
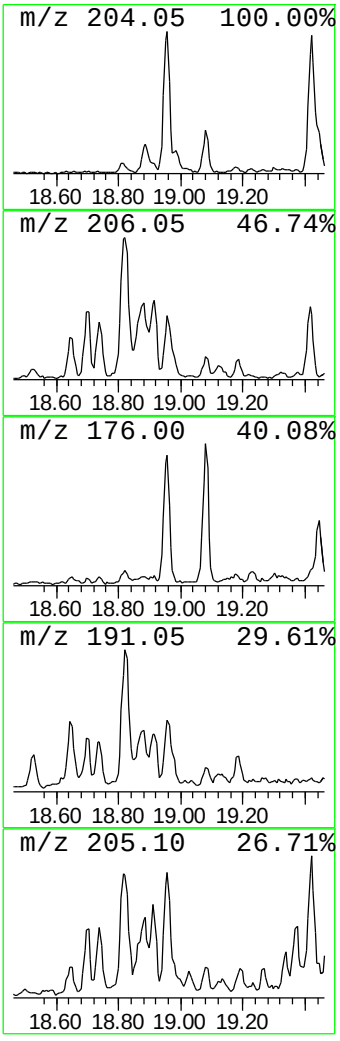
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.57 ng/ul	321558	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	47
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38





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Quant Title : SVOA CALIBRATION

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

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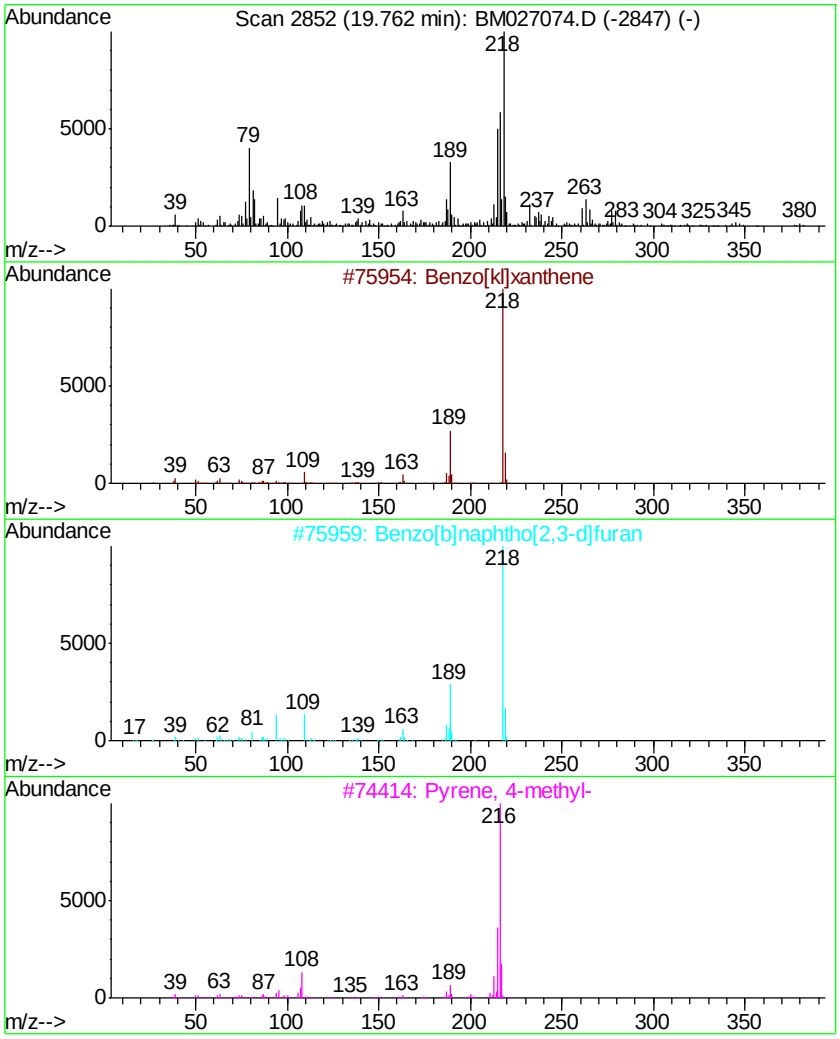
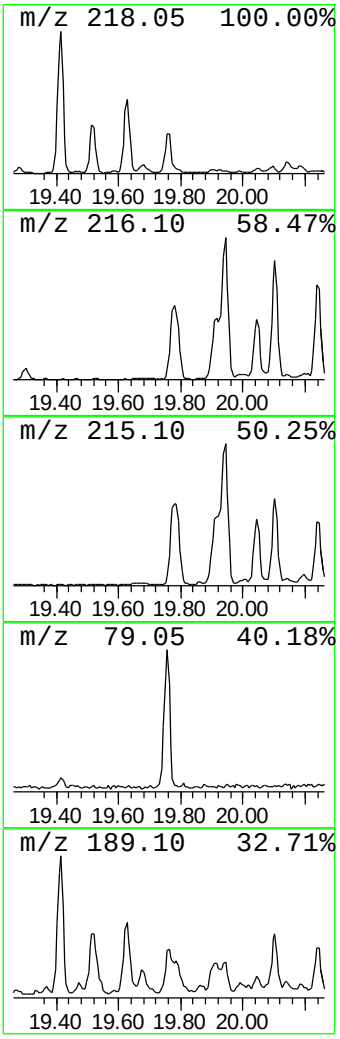
Peak Number 10 Benzo[kl]xanthene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.84 ng/ul	772608	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[kl]xanthene	218	C16H10O	000200-23-7	83
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	80
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	50





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Quant Title : SVOA CALIBRATION

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

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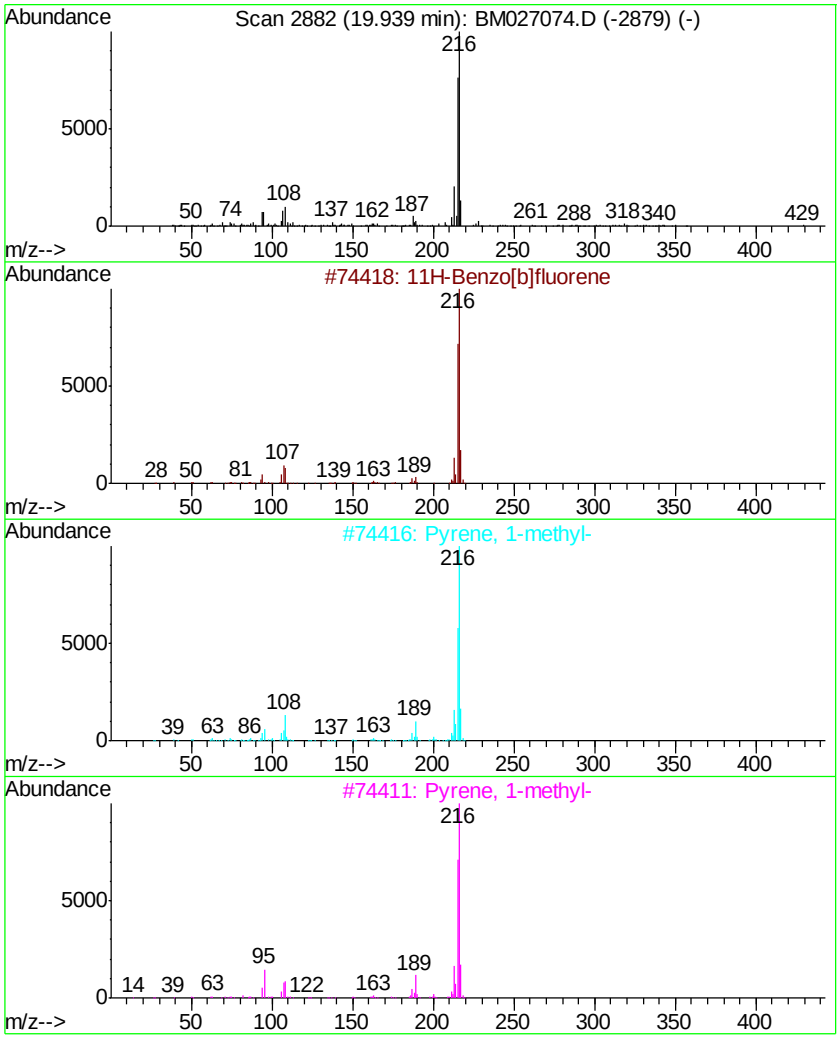
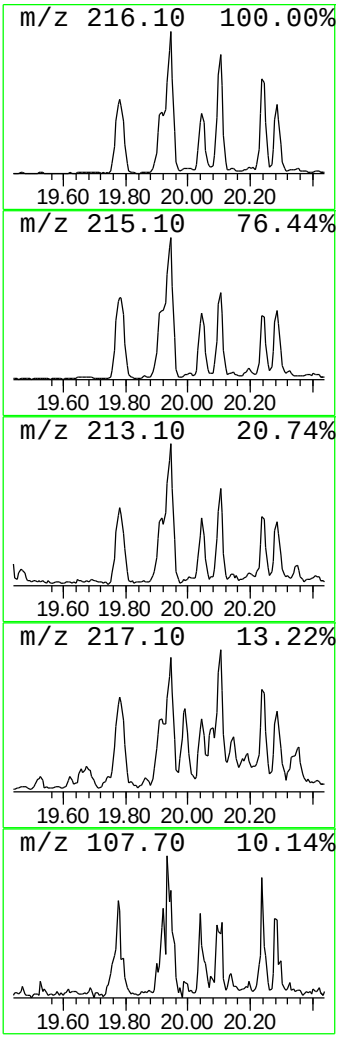
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.42 ng/ul	486302	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Misc :
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Instrument : BNA_M
ClientSampleId : BFM69

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Quant Title : SVOA CALIBRATION

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

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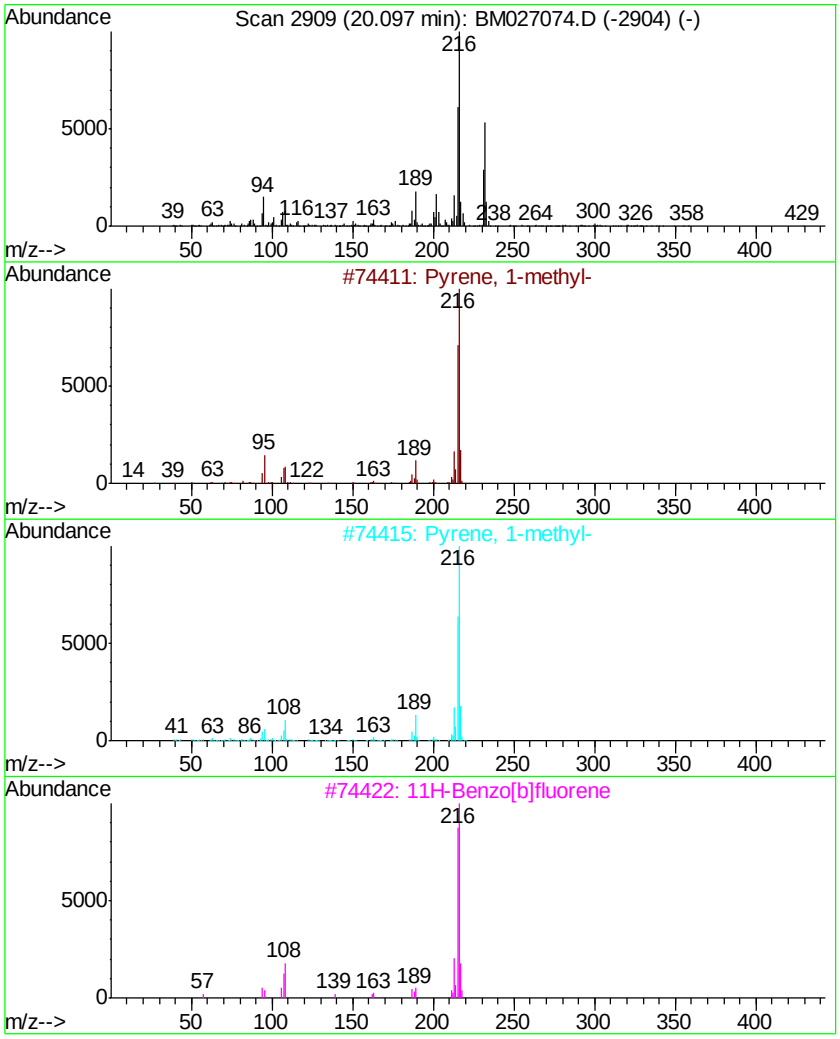
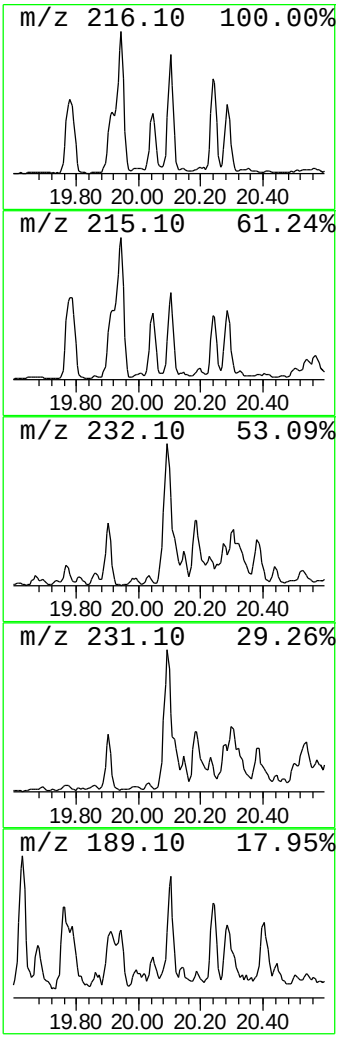
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.64 ng/ul	531008	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	60
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





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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[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.33 ng/ul	468172	Chrysene-d12	21.21

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	93
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	83
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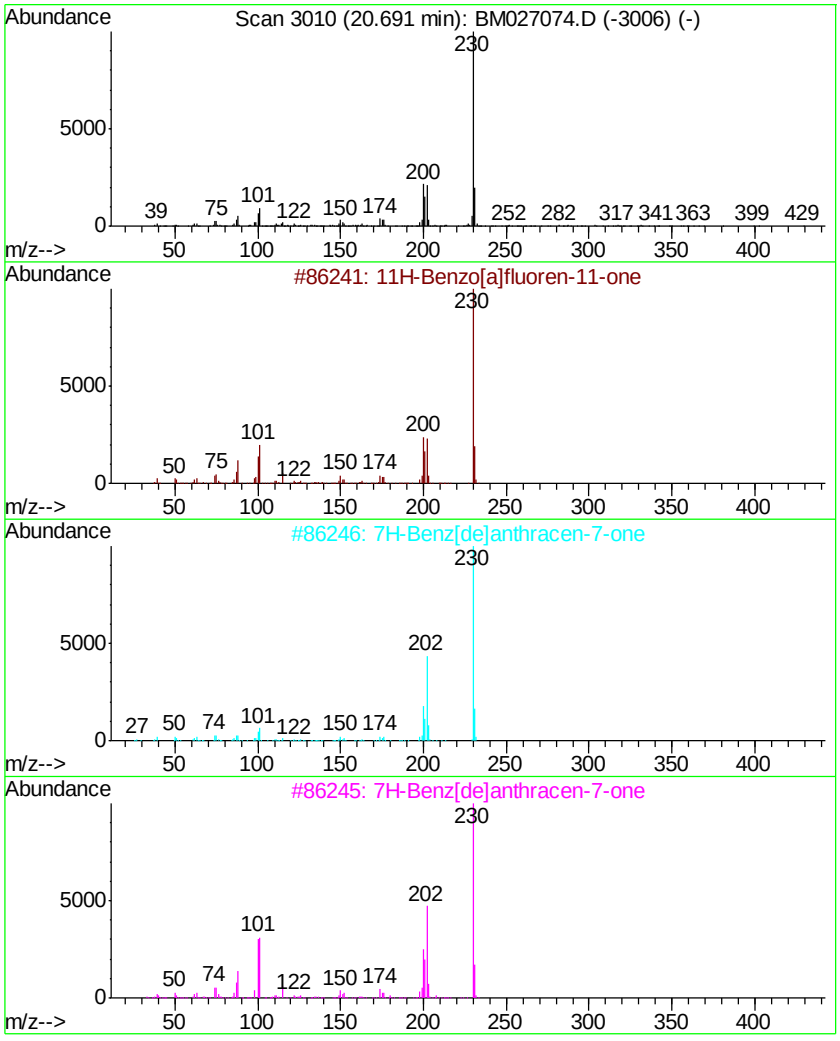

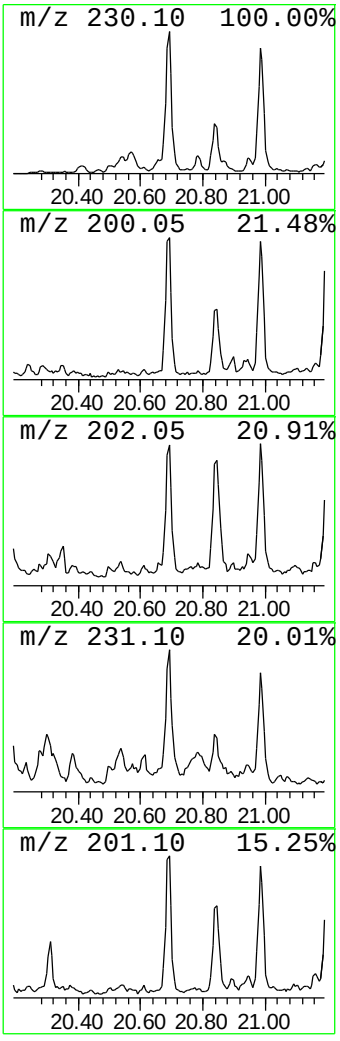

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Quant Title : SVOA CALIBRATION

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

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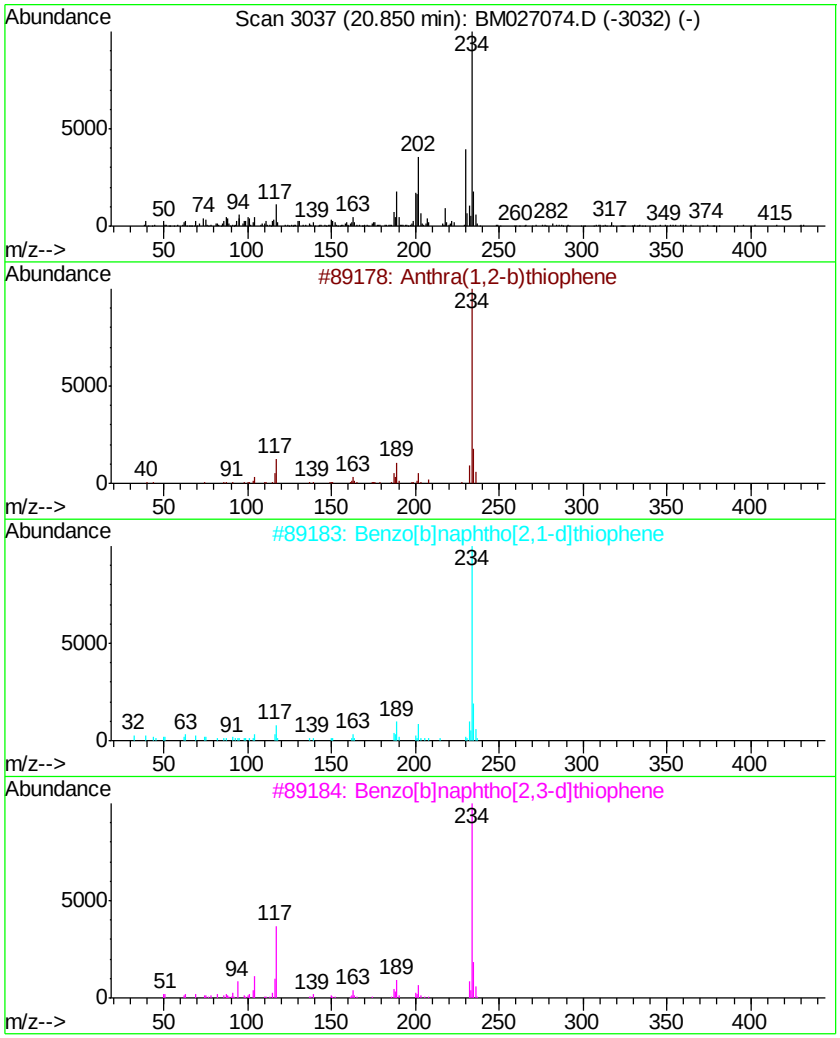
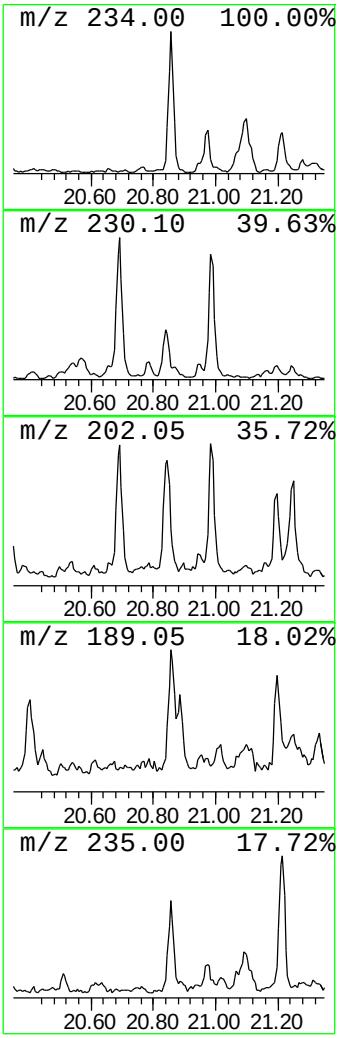
Peak Number 14 Anthra(1,2-b)thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.05 ng/ul	411145	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	70
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53





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Quant Title : SVOA CALIBRATION

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

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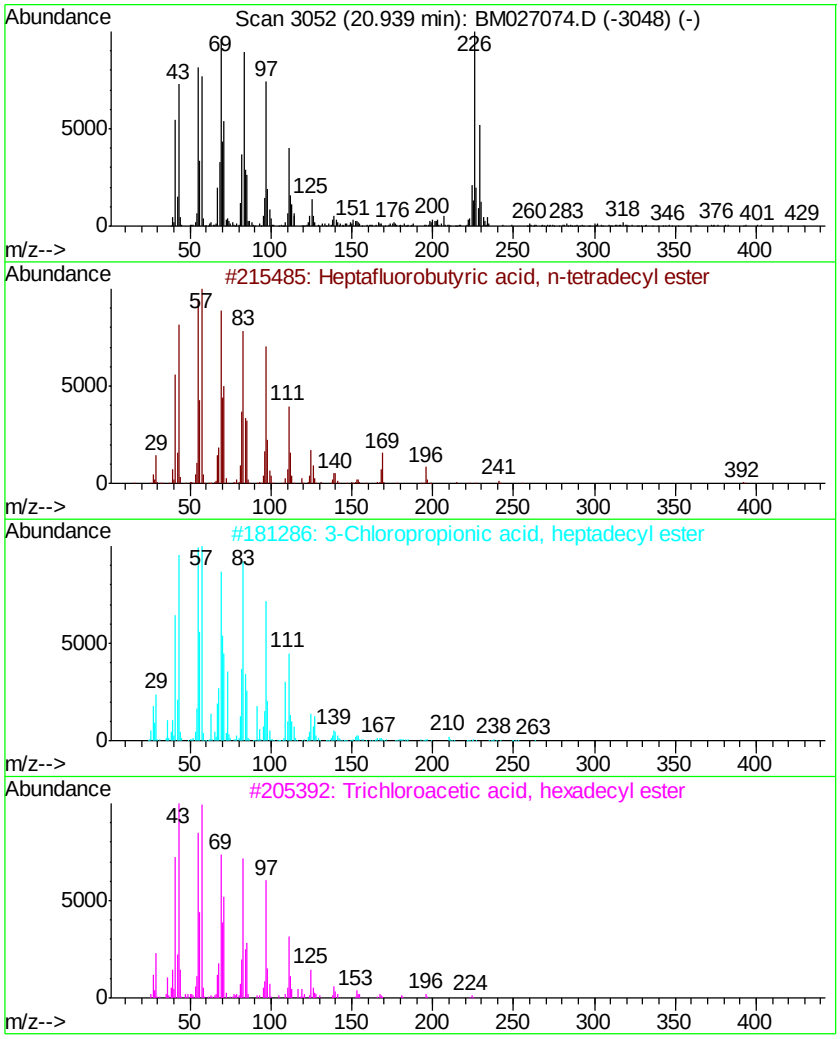
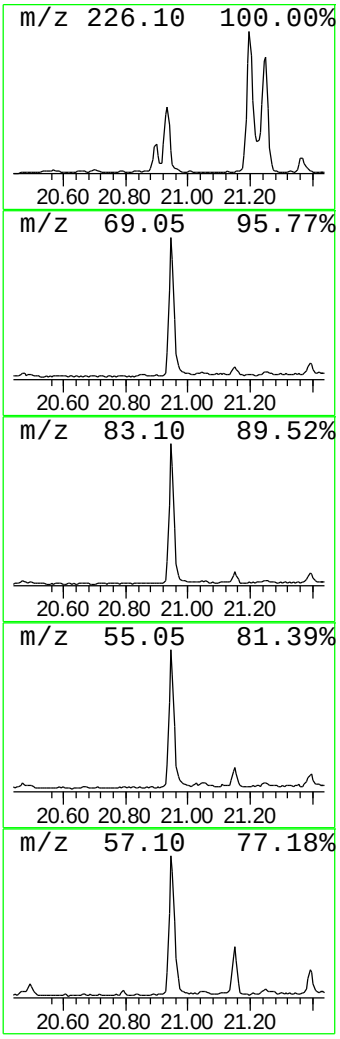
Peak Number 15 Heptafluorobutyric acid, n-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.68 ng/ul	1342440	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	83
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	81
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	81
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	70





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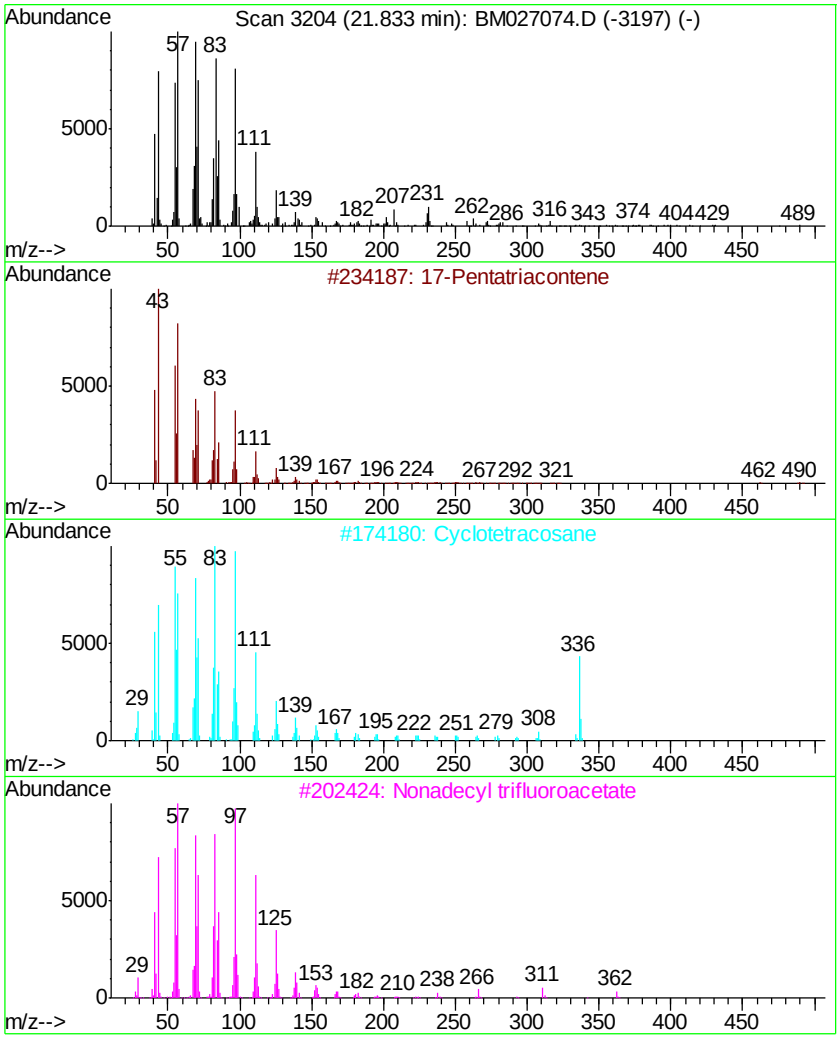
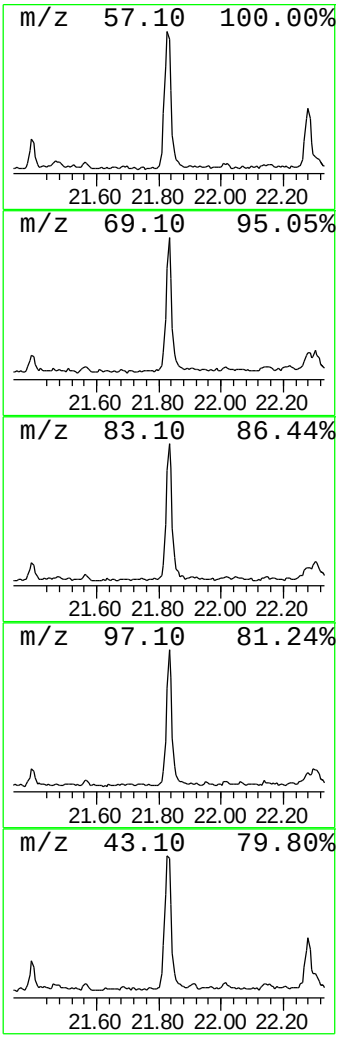
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	4.54 ng/ul	912080	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Cyclotetracosane	336	C24H48	000297-03-0	90
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
4	1-Docosene	308	C22H44	001599-67-3	83
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81





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Quant Title : SVOA CALIBRATION

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

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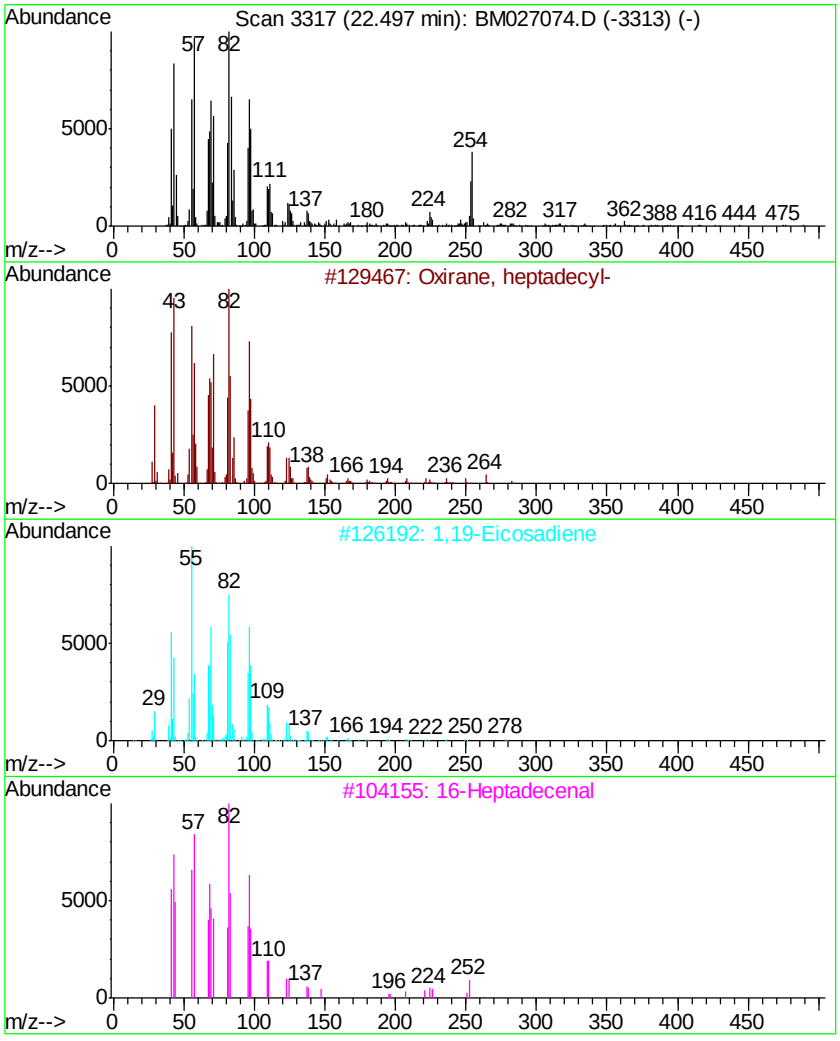
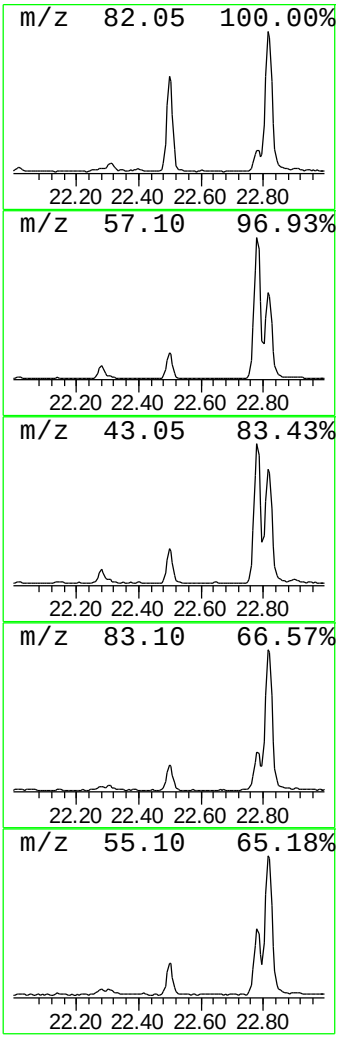
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	12.03 ng/ul	1132930	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	1,19-Eicosadiene	278	C20H38	014811-95-1	94
3	16-Heptadecenal	252	C17H32O	1000144-57-9	92
4	Tetradecanal	212	C14H28O	000124-25-4	90
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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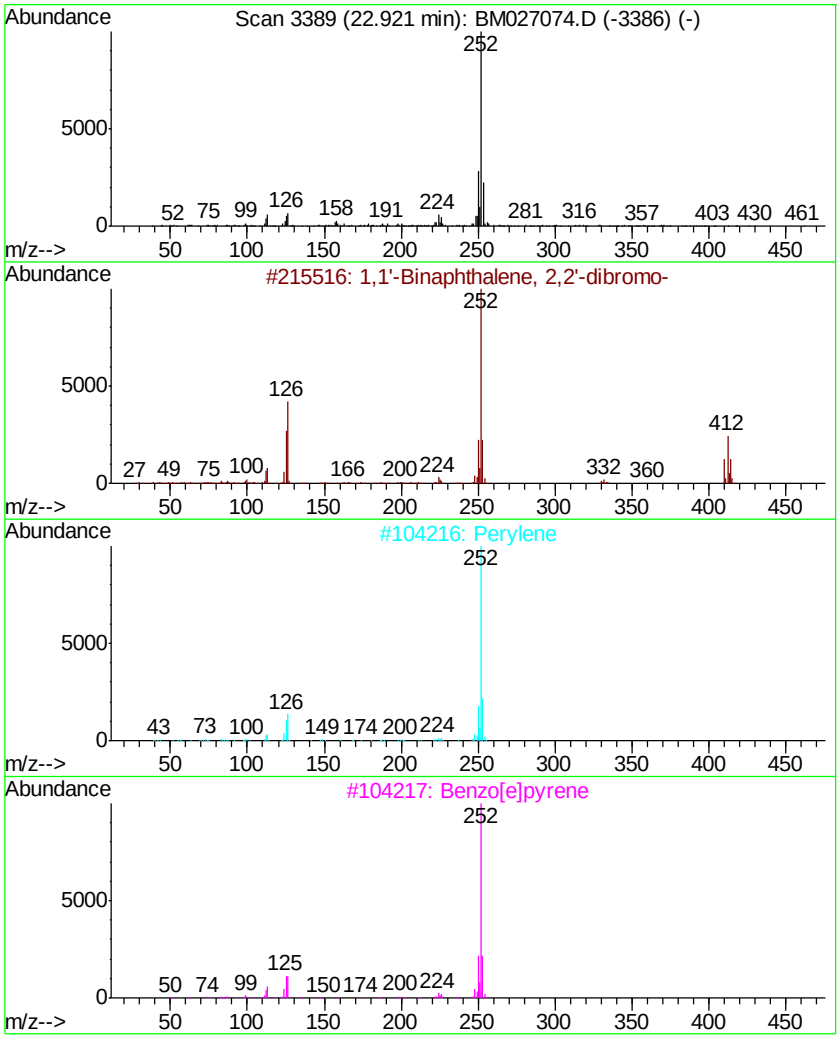
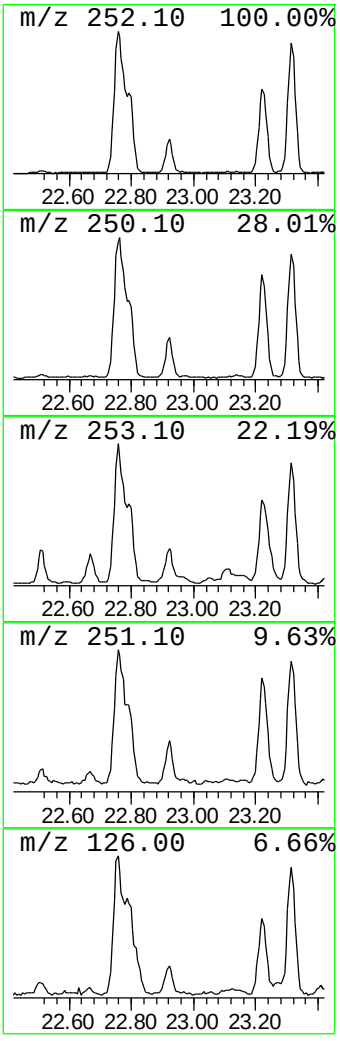
Peak Number 18 1,1'-Binaphthalene, 2,2'-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	4.21 ng/ul	396544	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	91
2	Perylene	252	C20H12	000198-55-0	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Perylene	252	C20H12	000198-55-0	89
5	Perylene	252	C20H12	000198-55-0	89





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Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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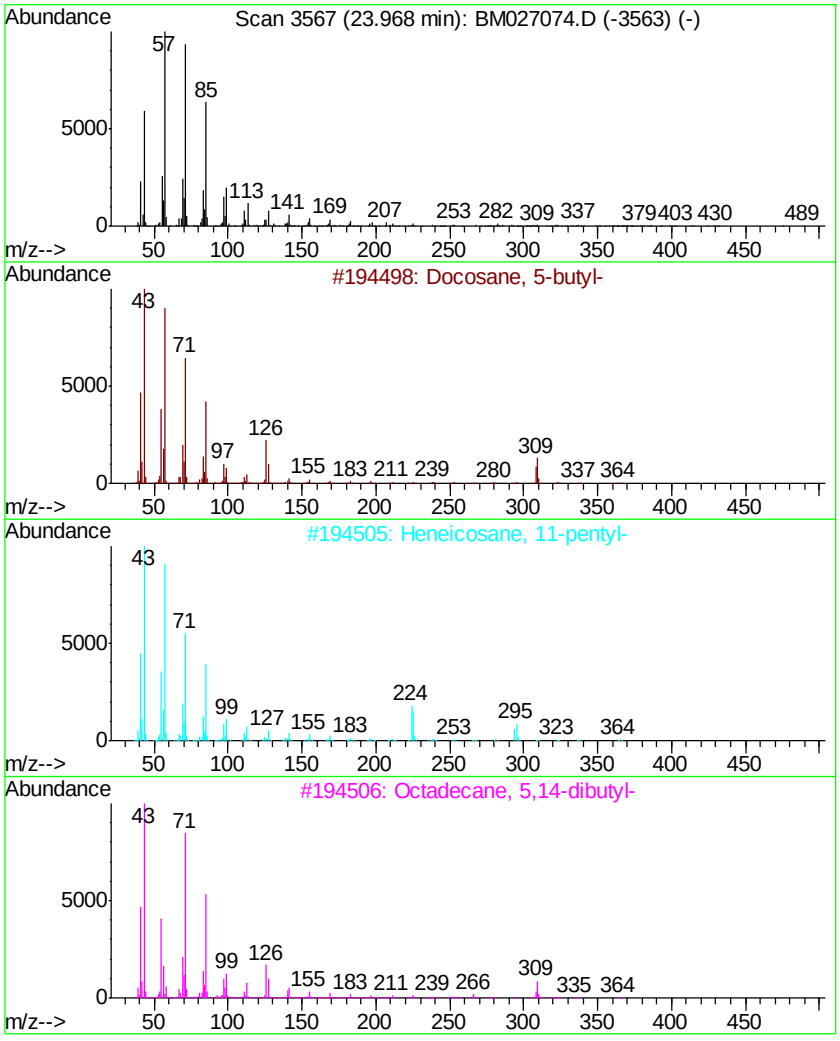
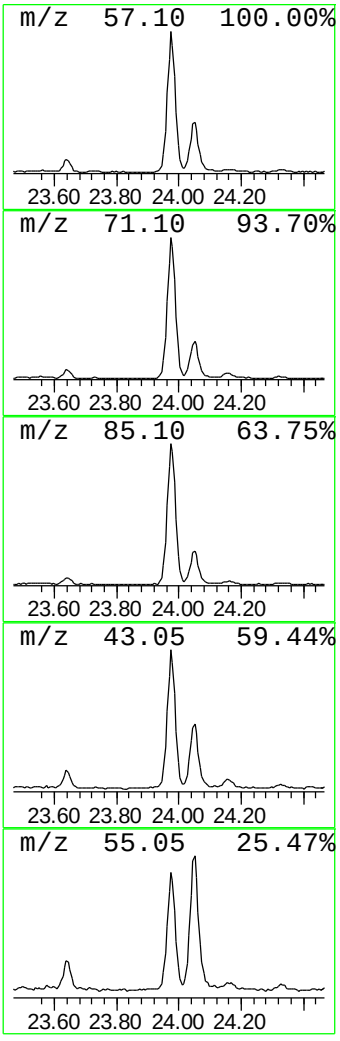
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	19.09 ng/ul	1797110	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





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Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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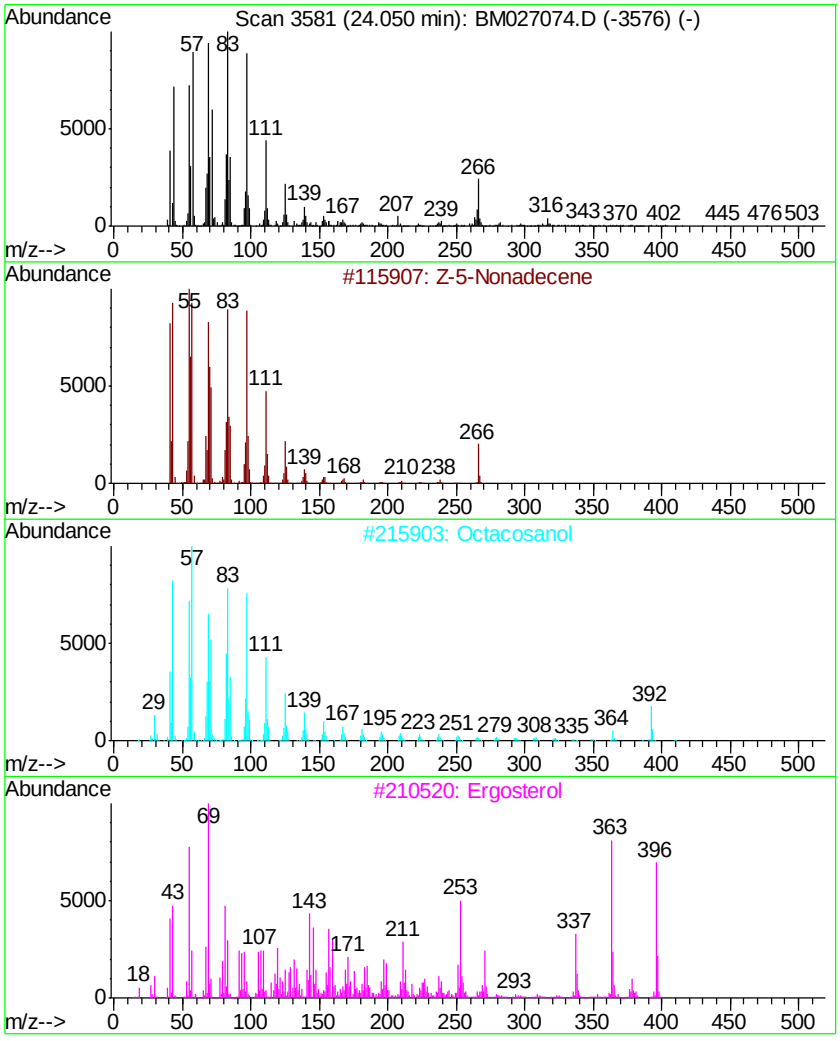
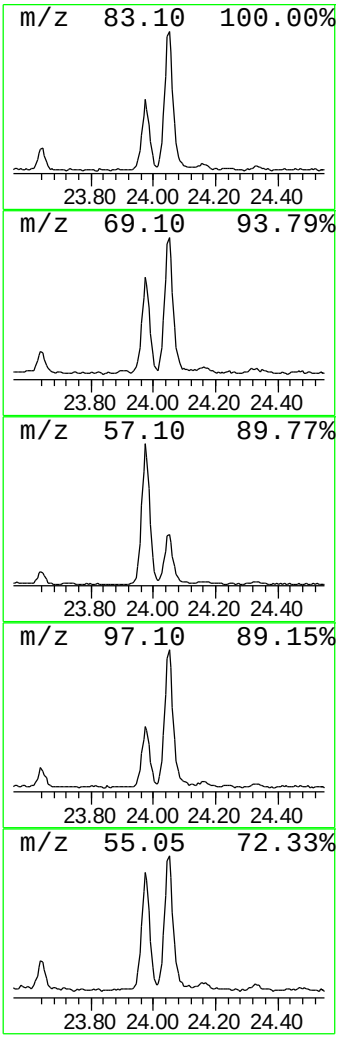
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	15.43 ng/ul	1452220	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	94
2	Octacosanol	410	C28H58O	000557-61-9	93
3	Ergosterol	396	C28H44O	000057-87-4	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	89
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	86





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Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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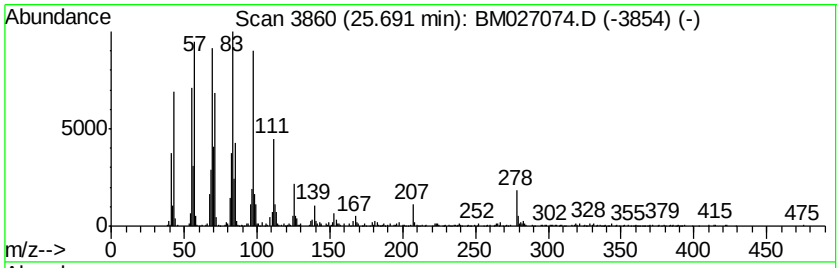
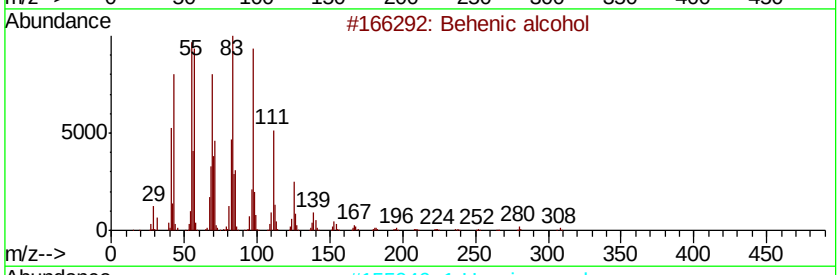
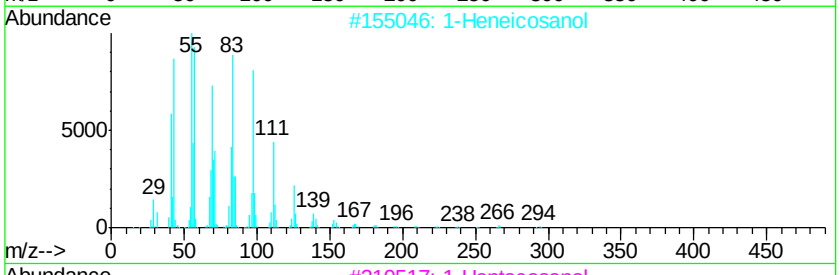
Peak Number 22 Behenic alcohol Concentration Rank 4

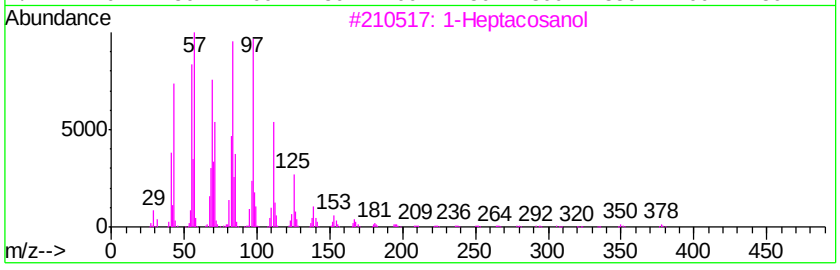
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	14.18 ng/ul	1335090	Perylene-d12	23.41

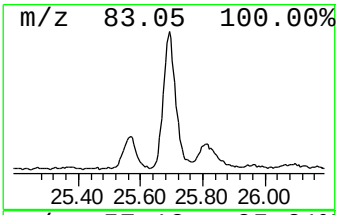
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	87
2	1-Heneicosanol	312	C21H44O	015594-90-8	87
3	1-Heptacosanol	396	C27H56O	002004-39-9	86
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
5	1-Docosene	308	C22H44	001599-67-3	76

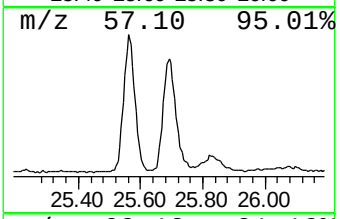


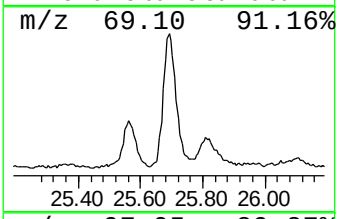


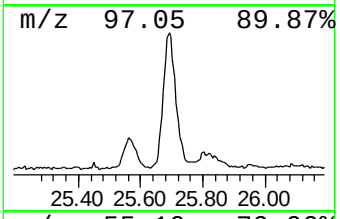


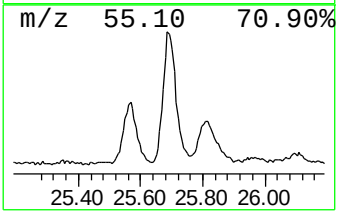












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Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

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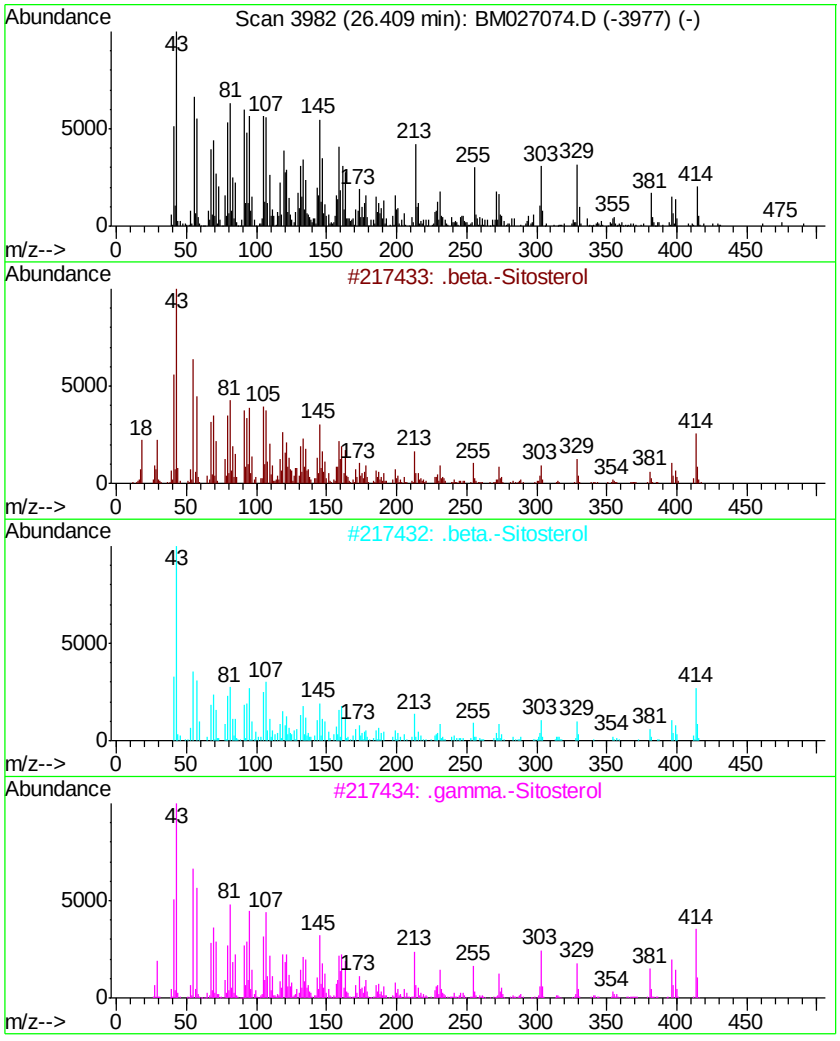
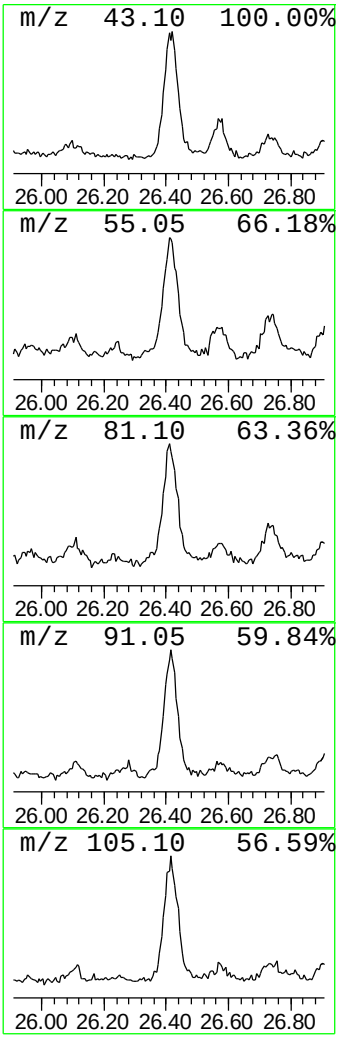
Peak Number 23 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	14.43 ng/ul	1358540	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	70
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	53
5	cis-4-Acetoxy-trans-1-(m-methoxy...	273	C16H19NO3	1000241-10-4	27





Tentatively Identified Compound (LSC) summary

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Data File : BM027074.D
Acq On : 14 Aug 2020 00:18
Operator : JU/CG
Sample : L3630-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.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
Methacrylamide	3.70	2.4	ng/ul	98290	1	7.64	806260	20.0
Phenanthrene, 1-m...	17.89	5.2	ng/ul	470201	4	17.02	1800520	20.0
1H-Cyclopropa[l]p...	17.94	12.2	ng/ul	1101200	4	17.02	1800520	20.0
Phenanthrene, 2-m...	18.02	2.3	ng/ul	209435	4	17.02	1800520	20.0
Benzaldehyde, 3,5...	18.09	5.2	ng/ul	464669	4	17.02	1800520	20.0
Anthracene, 2-met...	18.12	2.2	ng/ul	198756	4	17.02	1800520	20.0
9,10-Anthracenedione	18.43	2.8	ng/ul	248979	4	17.02	1800520	20.0
Phenanthrene, 2,5...	18.82	4.0	ng/ul	363830	4	17.02	1800520	20.0
Cyclopenta(def)ph...	18.96	3.6	ng/ul	321558	4	17.02	1800520	20.0
Benzo[kl]xanthene	19.76	3.8	ng/ul	772608	5	21.21	4020560	20.0
11H-Benzo[b]fluorene	19.94	2.4	ng/ul	486302	5	21.21	4020560	20.0
Pyrene, 1-methyl-	20.10	2.6	ng/ul	531008	5	21.21	4020560	20.0
11H-Benzo[a]fluor...	20.69	2.3	ng/ul	468172	5	21.21	4020560	20.0
Anthra(1,2-b)thio...	20.85	2.0	ng/ul	411145	5	21.21	4020560	20.0
Heptafluorobutyri...	20.94	6.7	ng/ul	1342440	5	21.21	4020560	20.0
(DEL) Alkane: Str...	21.83	4.5	ng/ul	912080	5	21.21	4020560	20.0
Oxirane, heptadecyl-	22.50	12.0	ng/ul	1132930	6	23.41	1882820	20.0
1,1'-Binaphthalen...	22.92	4.2	ng/ul	396544	6	23.41	1882820	20.0
(DEL) Alkane: Str...	23.97	19.1	ng/ul	1797110	6	23.41	1882820	20.0
(DEL) Alkane: Str...	24.05	15.4	ng/ul	1452220	6	23.41	1882820	20.0
Behenic alcohol	25.69	14.2	ng/ul	1335090	6	23.41	1882820	20.0
.beta.-Sitosterol	26.41	14.4	ng/ul	1358540	6	23.41	1882820	20.0