LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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	6.169	553	558	564	rBB2	40234	58084	1.65%	0.132%
2	6.645	627	639	647	rBV2	113618	230559	6.54%	0.525%
3	6.810	661	667	674	rBB	82146	119134	3.38%	0.271%
4	6.998	692	699	705	rBB	110357	165679	4.70%	0.377%
5	7.457	771	777	783	rBV	263390	396806	11.25%	0.904%
6	8.163	892	897	906	rVB	130221	196338	5.57%	0.447%
7	8.598	965	971	978	rVB	118046	185237	5.25%	0.422%
8	9.316	1087	1093	1099	rBB	102799	160135	4.54%	0.365%
9	9.845	1177	1183	1190	rVB2	172178	266947	7.57%	0.608%
10	10.222	1240	1247	1252	rBV	391268	627542	17.80%	1.430%
11	10.363	1265	1271	1278	rBB2	91089	145584	4.13%	0.332%
12	11.939	1535	1539	1544	rBV3	38976	54306	1.54%	0.124%
13	13.433	1787	1793	1798	rBV	308766	408945	11.60%	0.932%
14	13.527	1803	1809	1814	rVV	349768	489282	13.88%	1.115%
15	13.574	1814	1817	1820	rVV	163689	221755	6.29%	0.505%
16	13.610	1820	1823	1828	rVB	86367	107630	3.05%	0.245%
17	13.798	1848	1855	1866	rBV	329403	538788	15.28%	1.227%
18	14.080	1898	1903	1904	rBV2	84296	105650	3.00%	0.241%
19	14.110	1904	1908	1915	rVB2	636159	938339	26.61%	2.138%
20	14.321	1939	1944	1949	rBV	110425	152412	4.32%	0.347%
21	14.374	1949	1953	1961	rVB8	26263	53484	1.52%	0.122%
22	15.110	2072	2078	2084	rBV	470090	689966	19.57%	1.572%
23	15.163	2084	2087	2092	rVV2	43500	56575	1.60%	0.129%
24	15.233	2094	2099	2107	rVB	129995	169020	4.79%	0.385%
25	15.610	2155	2163	2169	rVB5	38721	63520	1.80%	0.145%
26	16.145	2249	2254	2260	rBV3	58179	76566	2.17%	0.174%
27	16.862	2369	2376	2380	rVV	876086	1242482	35.24%	2.830%
28	16.904	2380	2383	2388	rVV	313062	413861	11.74%	0.943%
29	16.962	2388	2393	2395	rVV2	505566	698324	19.81%	1.591%
30	16.998	2395	2399	2405	rVV	1517873	2047314	58.07%	4.664%
31	17.268	2437	2445	2451	rBV	455909	657322	18.64%	1.497%
32	17.739	2516	2525	2529	rBV2	71693	140322	3.98%	0.320%
33	17.786	2529	2533	2541	rVV	238660	315990	8.96%	0.720%
34	17.868	2541	2547	2552	rVB	96288	136526	3.87%	0.311%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

35	17.933	2552	2558	2561	rBV2	74710	130487	3.70%	0.297%
36	17.974	2561	2565	2569	rVB	56092	77670	2.20%	0.177%
37	18.051	2573	2578	2581	rBV2	26846	45567	1.29%	0.104%
38	18.092	2581	2585	2589	rVB	46395	56615	1.61%	0.129%
39	18.256	2608	2613	2614	rVV	99817	130867	3.71%	0.298%
40	18.292	2614	2619	2626	rVB	1203612	1647718	46.74%	3.754%
41	18.503	2649	2655	2659	rVB3	34385	45523	1.29%	0.104%
42	18.592	2666	2670	2674	rVB3	36562	43805	1.24%	0.100%
43	18.674	2678	2684	2689	rBV	88219	142726	4.05%	0.325%
44	18.727	2689	2693	2697	rBV3	61432	94906	2.69%	0.216%
45	18.815	2703	2708	2714	rBV3	170749	270986	7.69%	0.617%
46	18.939	2716	2729	2734	rBV	2650602	3443452	97.67%	7.844%
47	19.039	2743	2746	2750	rVB2	35651	43611	1.24%	0.099%
48	19.086	2750	2754	2757	rVB2	85493	97760	2.77%	0.223%
49	19.139	2758	2763	2767	rBV2	88717	146395	4.15%	0.333%
50	19.180	2767	2770	2774	rVB	65894	85219	2.42%	0.194%
51	19.274	2781	2786	2788	rBV	1019834	1376821	39.05%	3.136%
52	19.303	2788	2791	2799	rVB	2107453	2638149	74.83%	6.010%
53	19.374	2799	2803	2812	rVB2	97963	159669	4.53%	0.364%
54	19.486	2812	2822	2827	rBV	168943	251941	7.15%	0.574%
55	19.545	2827	2832	2839	rVB3	80231	148409	4.21%	0.338%
56	19.633	2839	2847	2853	rBV2	166763	425128	12.06%	0.968%
57	19.692	2853	2857	2861	rVB3	94069	124142	3.52%	0.283%
58	19.768	2865	2870	2871	rBV2	137690	162859	4.62%	0.371%
59	19.839	2879	2882	2885	rBV2	61835	74368	2.11%	0.169%
60	19.909	2890	2894	2897	rVB2	58295	71568	2.03%	0.163%
61	19.962	2897	2903	2907	rBV2	238041	372064	10.55%	0.848%
62	20.003	2907	2910	2914	rVB	61673	75213	2.13%	0.171%
63	20.050	2914	2918	2923	rBV3	64464	97098	2.75%	0.221%
64	20.103	2923	2927	2929	rBV	110651	138068	3.92%	0.315%
65	20.150	2929	2935	2944	rVB3	104633	275130	7.80%	0.627%
66	20.356	2965	2970	2973	rBV7	70594	100362	2.85%	0.229%
67	20.445	2982	2985	2988	rBV3	35916	46781	1.33%	0.107%
68	20.492	2988	2993	2996	rVV5	72306	132302	3.75%	0.301%
69	20.556	3000	3004	3010	rVB	515423	635900	18.04%	1.449%
70	20.650	3015	3020	3025	rVB	1762921	1853739	52.58%	4.223%
71	20.721	3025	3032	3036	rBV2	306898	576303	16.35%	1.313%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Title : SVOA CALIBRATION

72	20.762	3036	3039	3042	rVV	195042	236627	6.71%	0.539%
73	20.797	3042	3045	3046	rVV	188110	196065	5.56%	0.447%
74	20.815	3046	3048	3051	rVV	240975	276655	7.85%	0.630%
75	20.856	3051	3055	3059	rVB	388124	489122	13.87%	1.114%
76	20.968	3070	3074	3079	rVB2	79046	123226	3.50%	0.281%
77	21.080	3082	3093	3097	rBV3	1670085	3525634	100.00%	8.032%
78	21.115	3097	3099	3110	rVB	1282576	1595933	45.27%	3.636%
79	21.256	3117	3123	3125	rBV5	62119	110199	3.13%	0.251%
80	21.344	3134	3138	3142	rVB	336978	408719	11.59%	0.931%
81	21.392	3142	3146	3150	rVV2	112748	197288	5.60%	0.449%
82	21.433	3150	3153	3157	rVV4	86502	129550	3.67%	0.295%
83	21.468	3157	3159	3162	rVB2	58543	51823	1.47%	0.118%
84	21.568	3173	3176	3178	rBV	47783	57560	1.63%	0.131%
85	21.621	3181	3185	3189	rVB	174956	245563	6.97%	0.559%
86	21.674	3189	3194	3200	rBV4	172911	299609	8.50%	0.683%
87	21.803	3213	3216	3220	rBV4	78290	121185	3.44%	0.276%
88	22.068	3258	3261	3265	rVB3	73484	90259	2.56%	0.206%
89	22.333	3303	3306	3318	rVB3	78344	221704	6.29%	0.505%
90	22.591	3343	3350	3362	rBV	836283	2405085	68.22%	5.479%
91	22.750	3372	3377	3381	rVB	72305	117912	3.34%	0.269%
92	22.874	3394	3398	3406	rBV3	60295	116779	3.31%	0.266%
93	23.038	3420	3426	3430	rBV	365229	637373	18.08%	1.452%
94	23.086	3430	3434	3437	rVV	381994	606084	17.19%	1.381%
95	23.127	3437	3441	3449	rVB	420185	751914	21.33%	1.713%
96	23.221	3450	3457	3462	rBV2	640427	1208966	34.29%	2.754%
97	23.750	3542	3547	3554	rVB2	233569	438539	12.44%	0.999%
98	25.262	3801	3804	3809	rBV5	43916	91295	2.59%	0.208%
99	25.327	3810	3815	3823	rVB3	148092	334606	9.49%	0.762%
100	26.079	3939	3943	3953	rVB3	97175	241930	6.86%	0.551%

Sum of corrected areas: 43896949

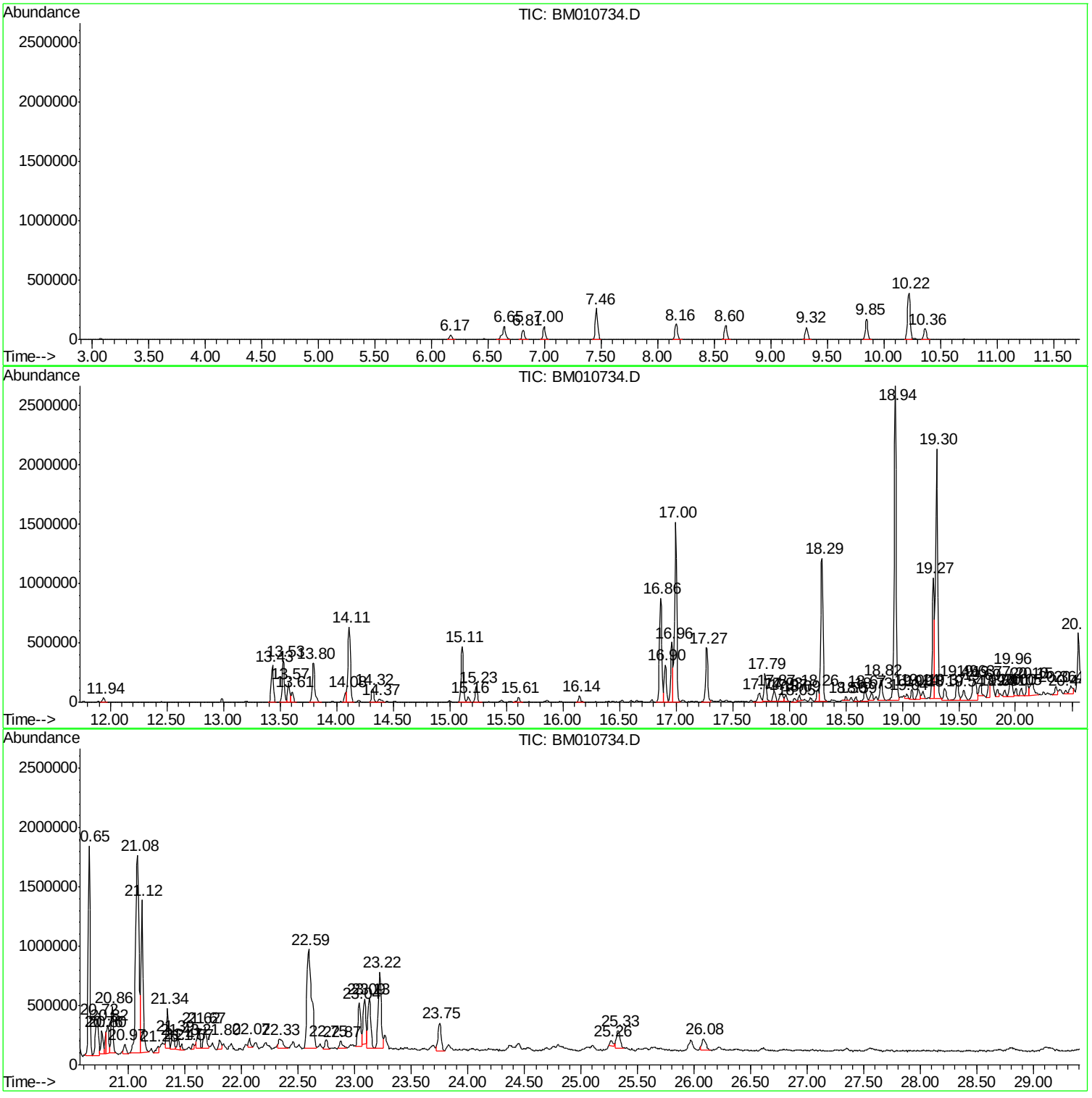
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

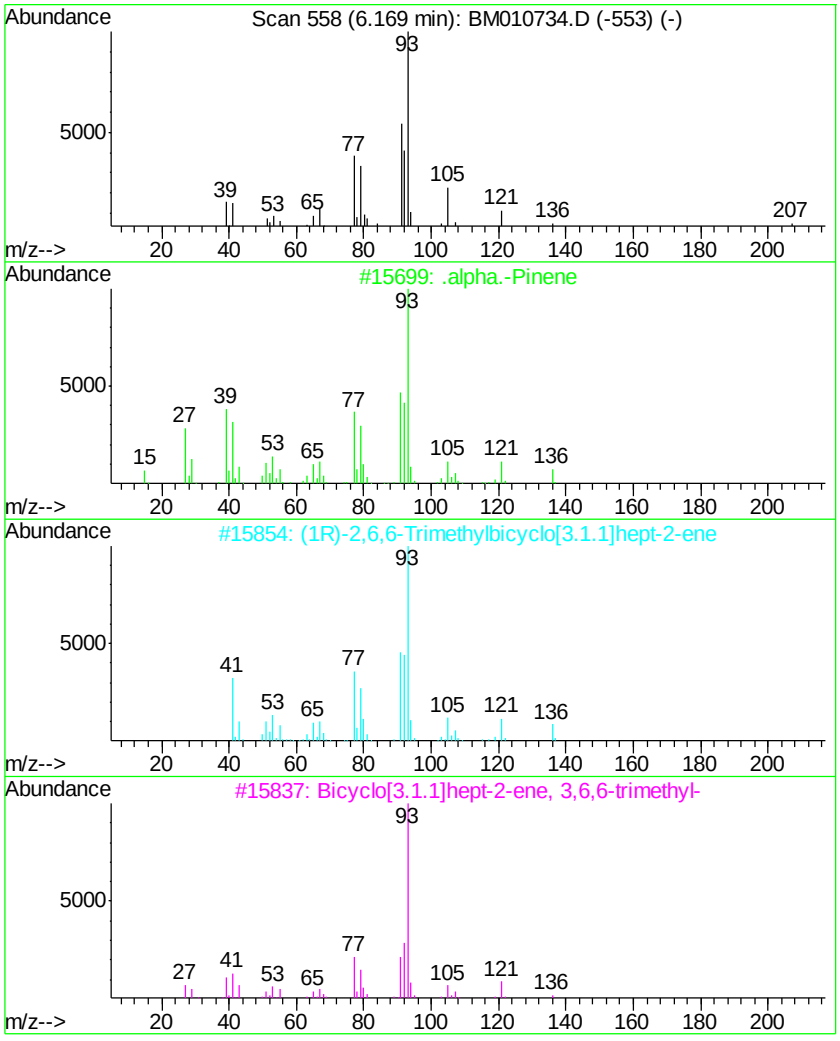
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

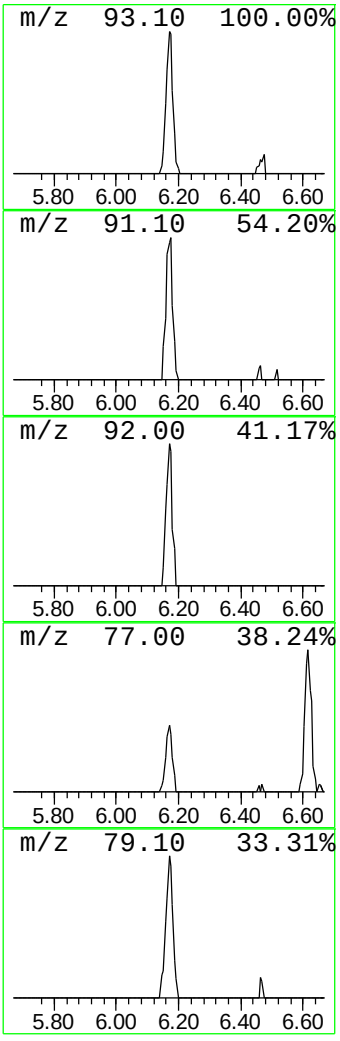
****

Peak Number 1 .alpha.-Pinene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.93 ng/ul	58084	1,4-Dichlorobenzene-d4	7.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	93
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	83
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	78





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

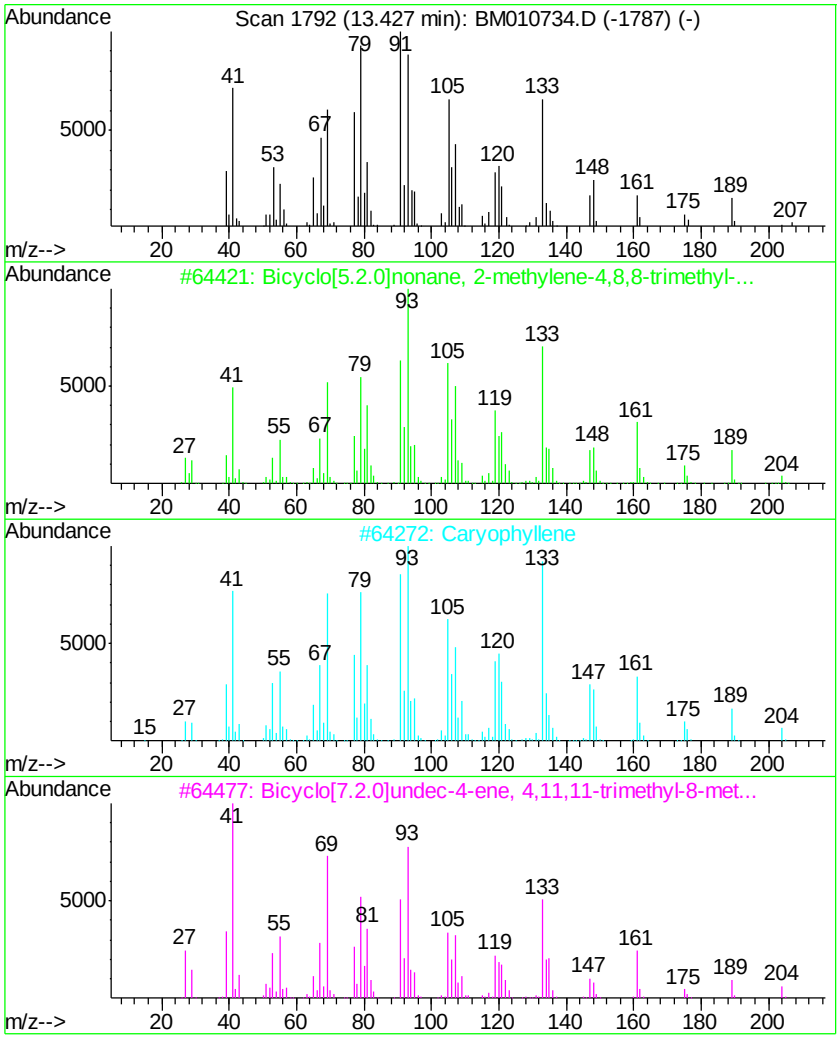
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

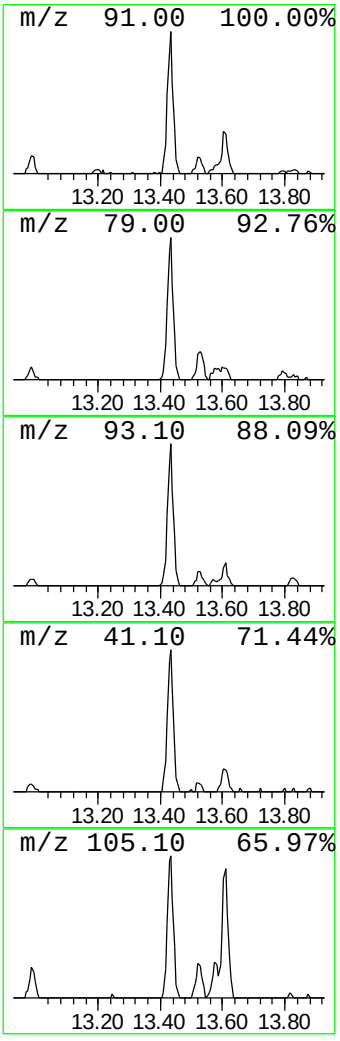
****

Peak Number 2 Bicyclo[5.2.0]nonane, 2-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	8.72 ng/ul	408945	Acenaphthene-d10	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	90
2	Caryophyllene	204	C15H24	000087-44-5	81
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	58
4	Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	49
5	.alpha.-Farnesene	204	C15H24	000502-61-4	46





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

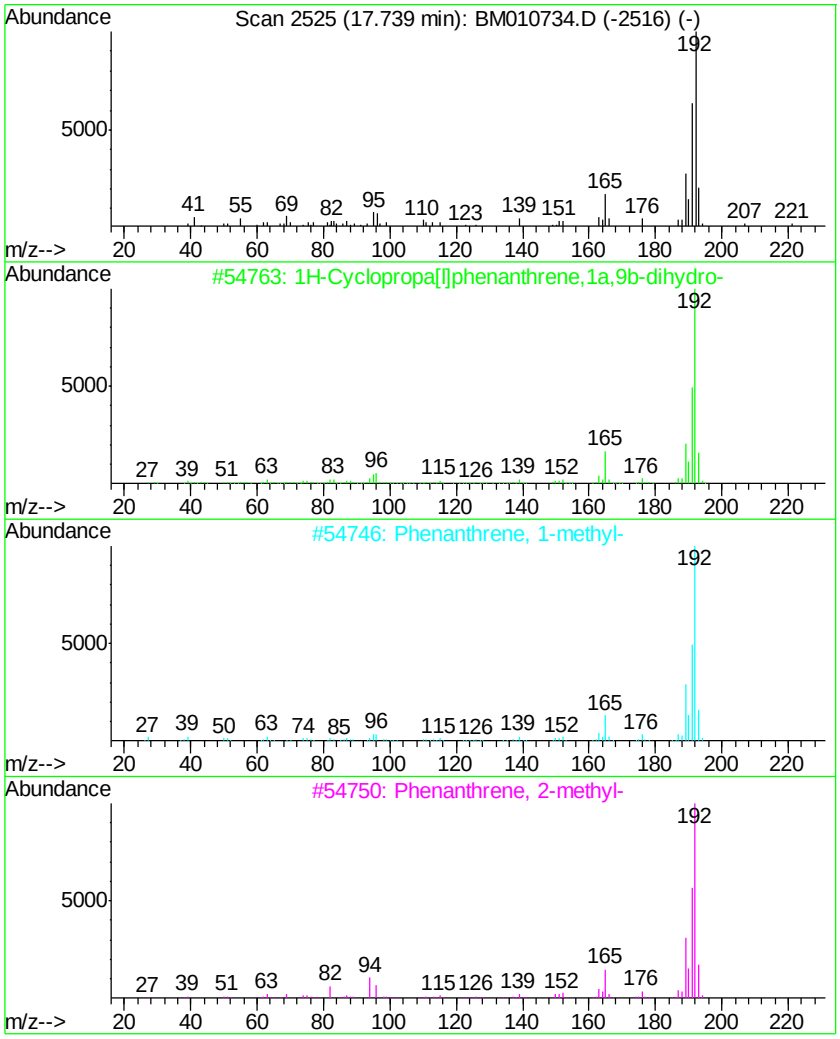
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

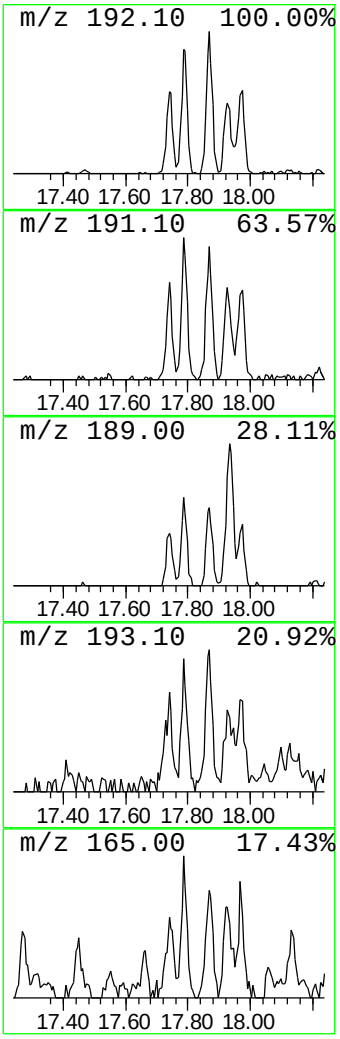
****

Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	2.26 ng/ul	140322	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
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	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

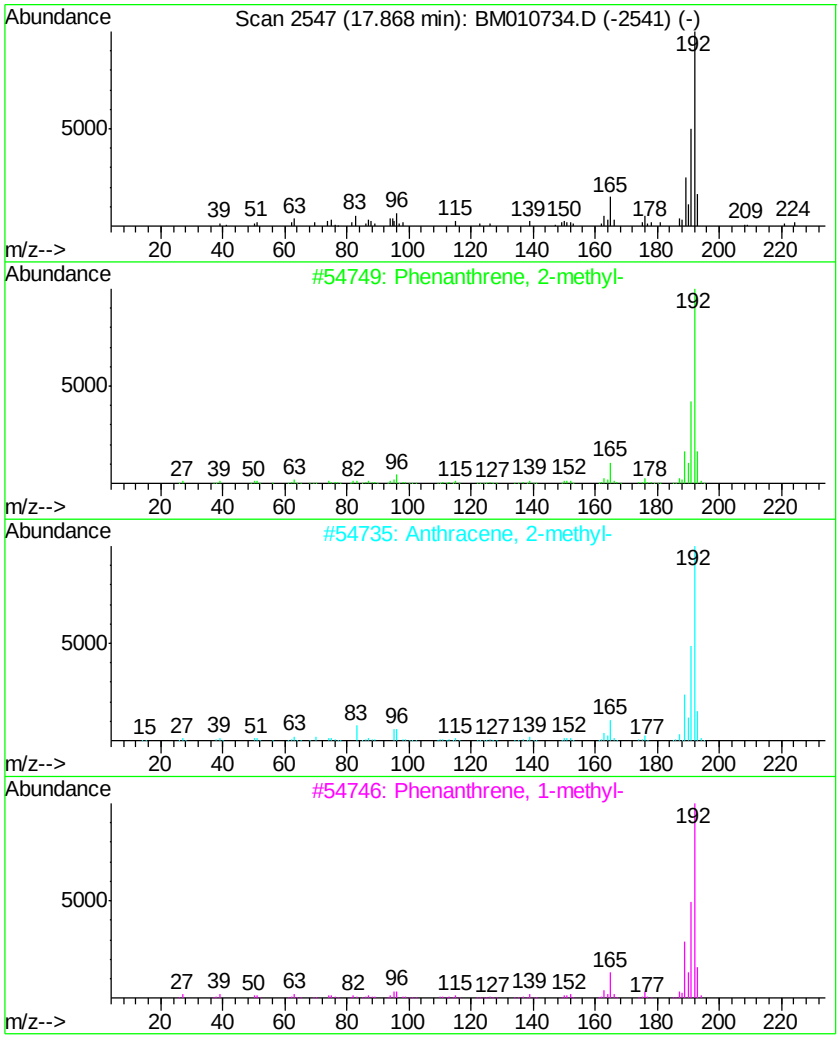
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

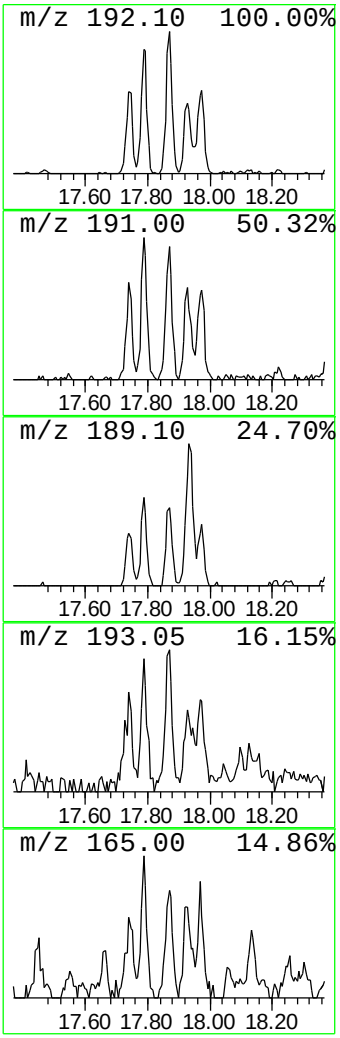
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.20 ng/ul	136526	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

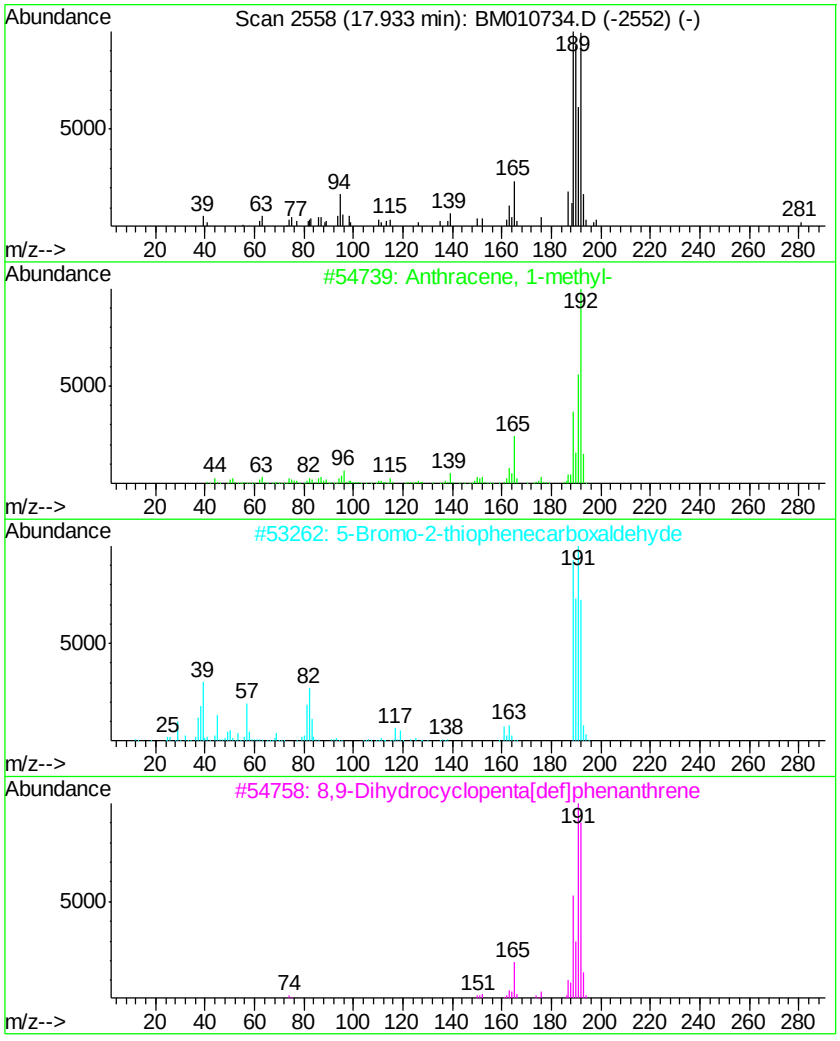
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

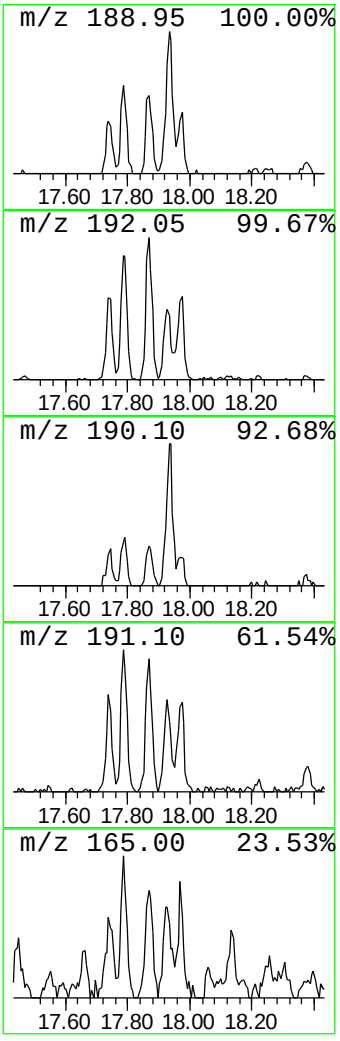
****

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.10 ng/ul	130487	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	51
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46





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Operator : SJ/JU
Sample : I3627-10DL 2X
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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

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Quant Title : SVOA CALIBRATION

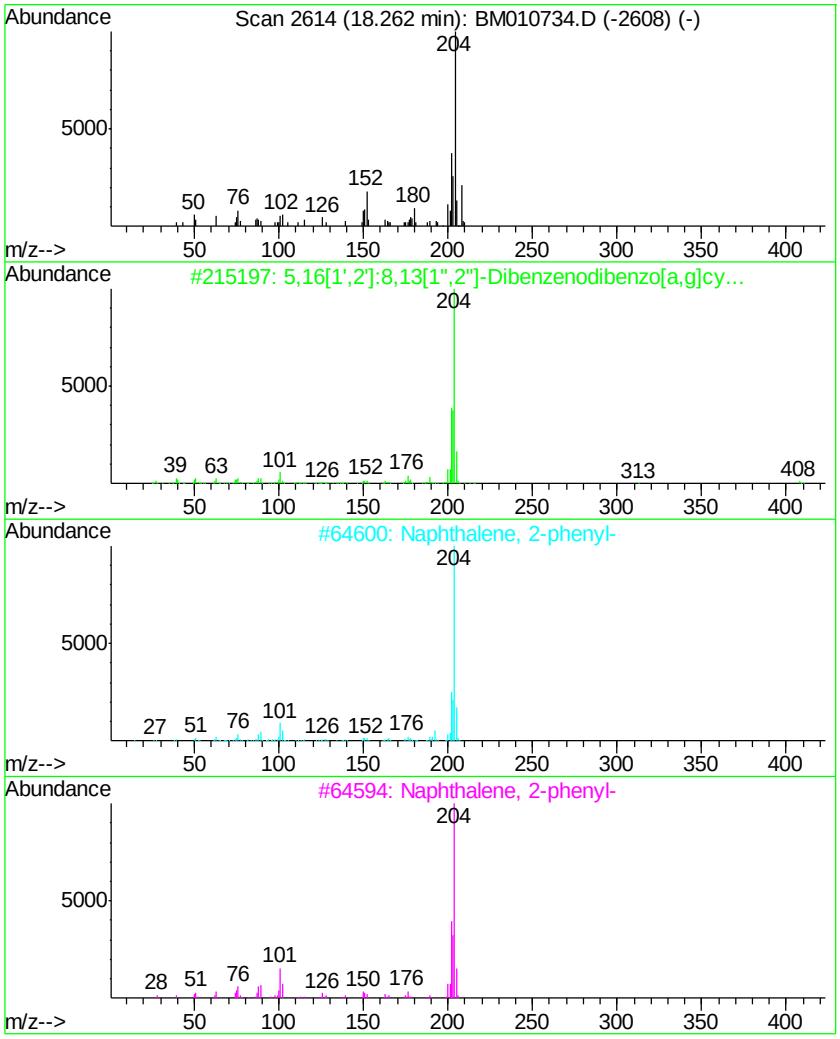
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

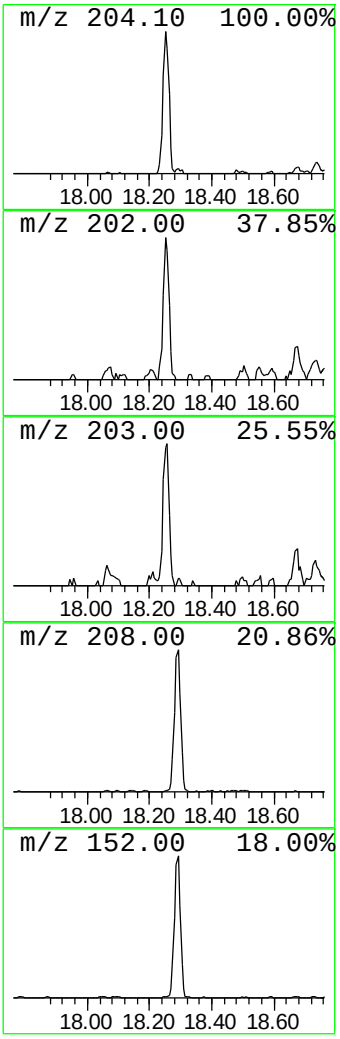
****

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.11 ng/ul	130867	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Sample : I3627-10DL 2X
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ClientSampleId : F5A93DL

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Quant Title : SVOA CALIBRATION

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

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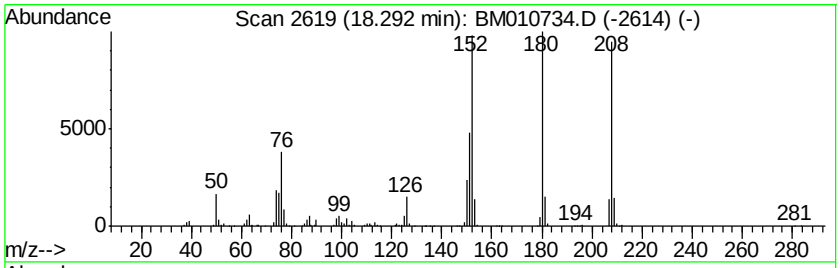
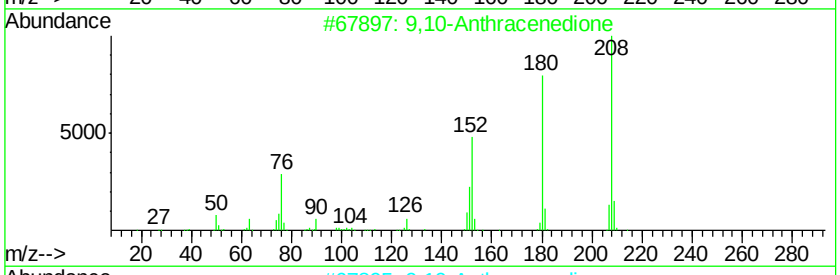
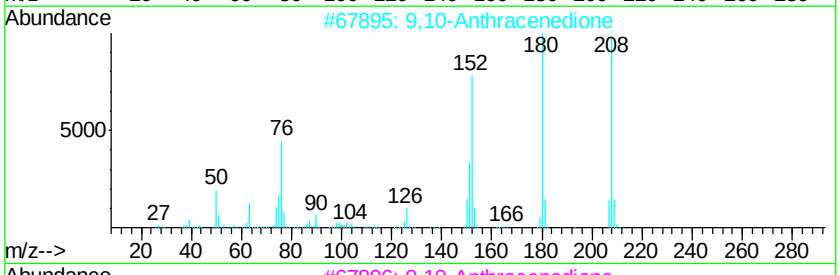
Peak Number 8 9,10-Anthracenedione Concentration Rank 1

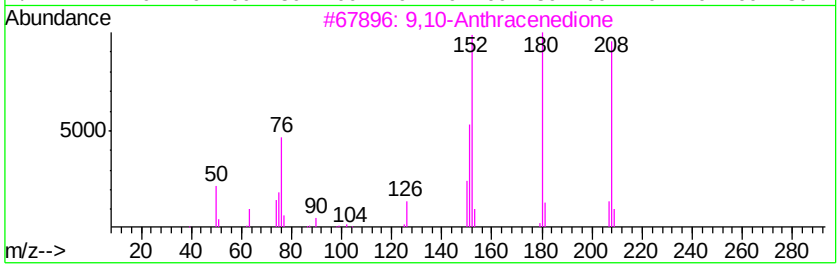
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	26.52 ng/ul	1647720	Phenanthrene-d10	16.86

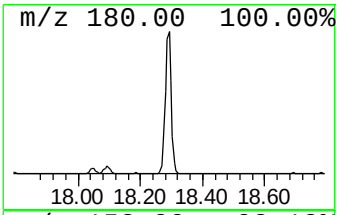
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83

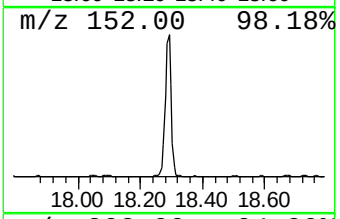


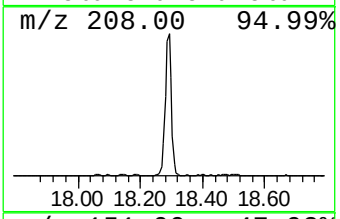


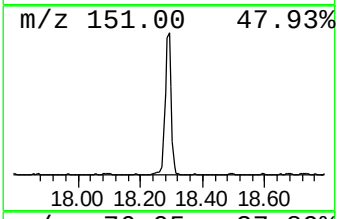


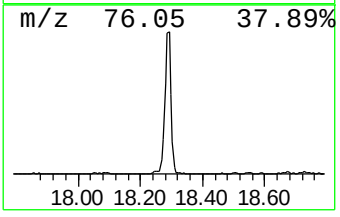












Library Search Compound Report

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Operator : SJ/JU
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Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

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Quant Title : SVOA CALIBRATION

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

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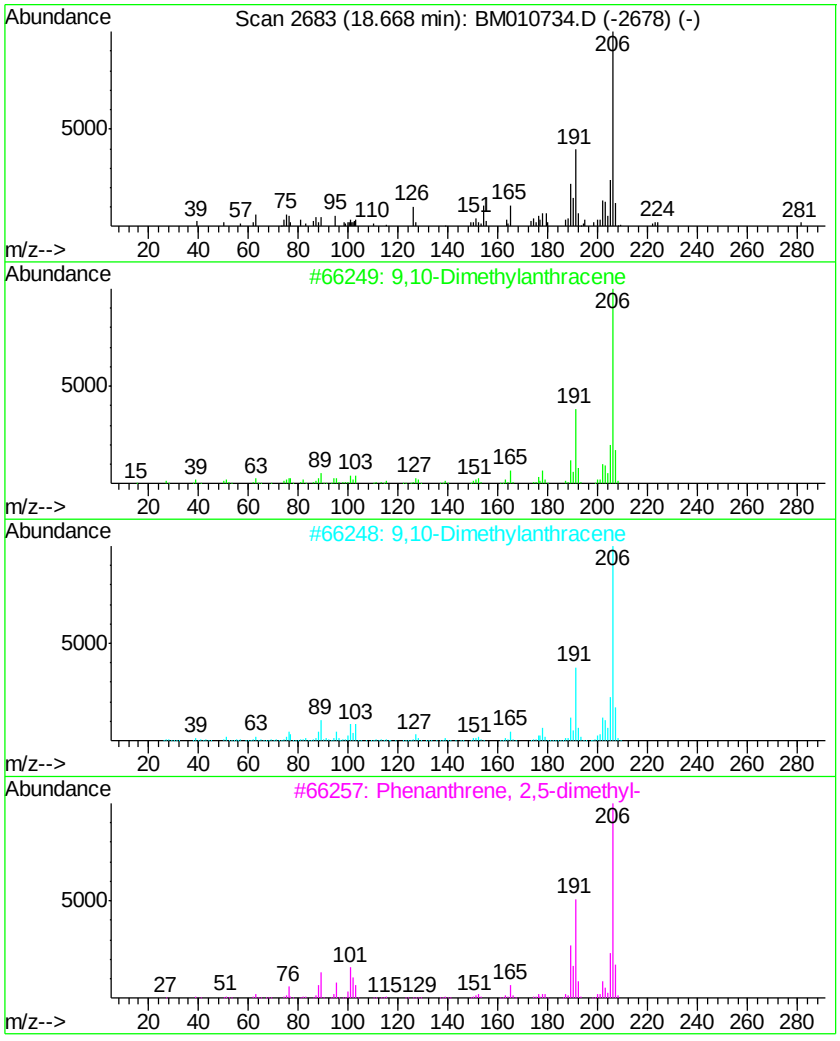
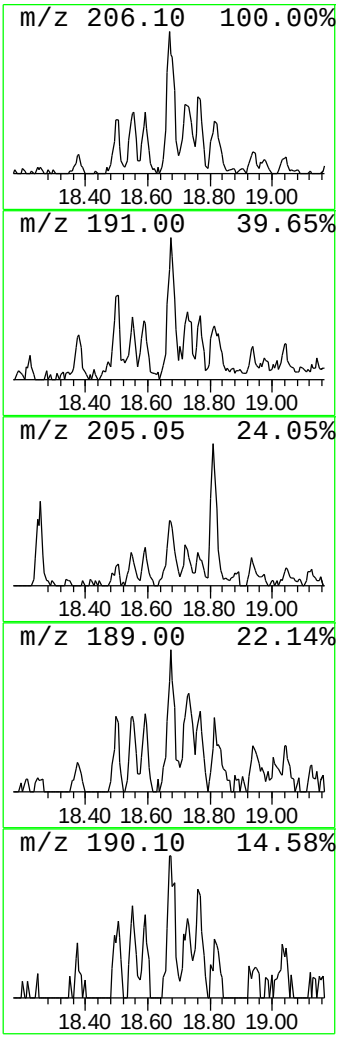
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.30 ng/ul	142726	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	74
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	64





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

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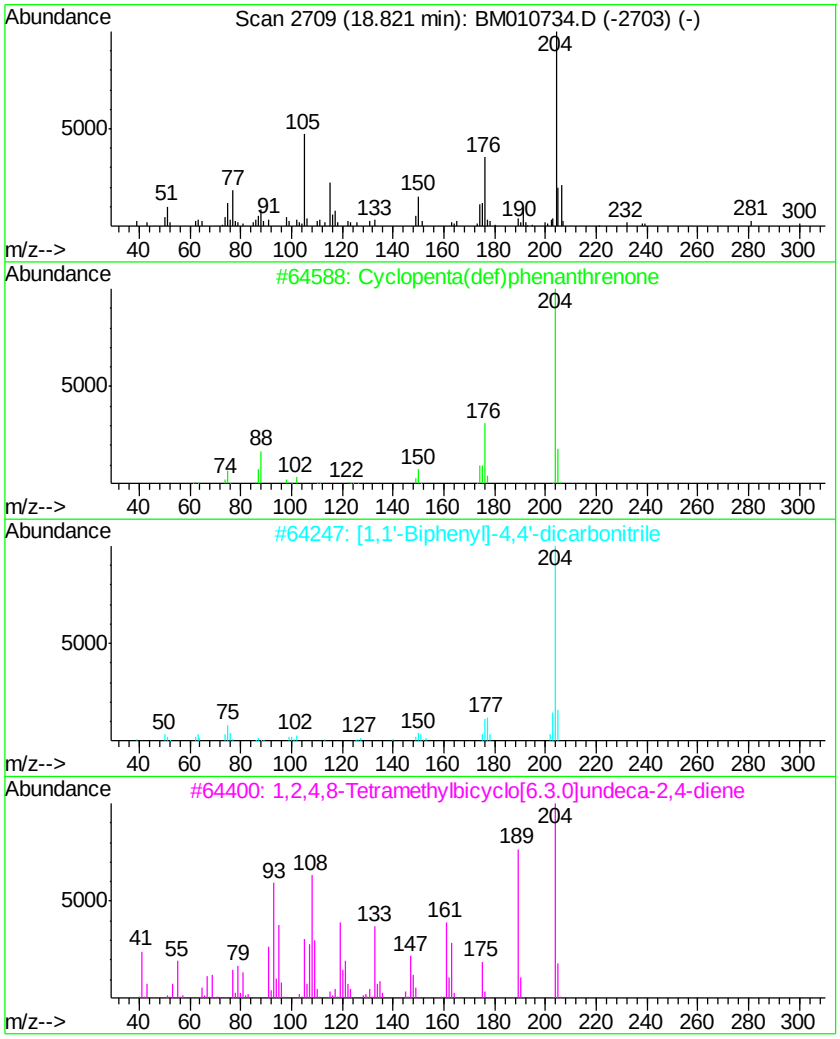
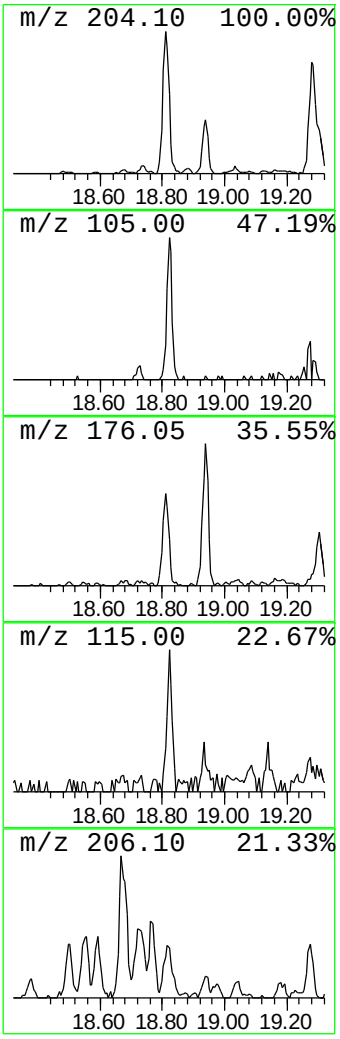
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	4.36 ng/ul	270986	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	Thiazole-5-carboxylic acid, 4-am...	204	C6H8N2O2S2	060093-05-2	43
5	Benzo[1,2-b:4,3-b']dithiophene, ...	204	C11H8S2	013640-86-3	43





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TIC Library : C:\DATABASE\NIST11.L
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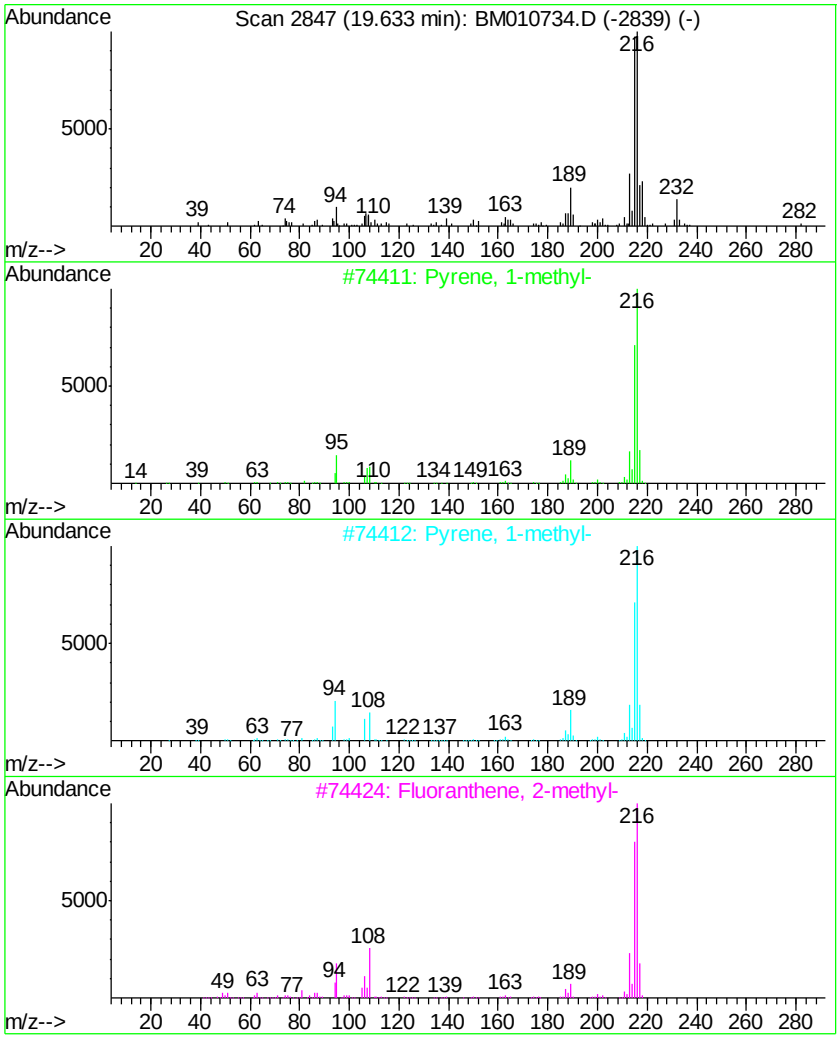
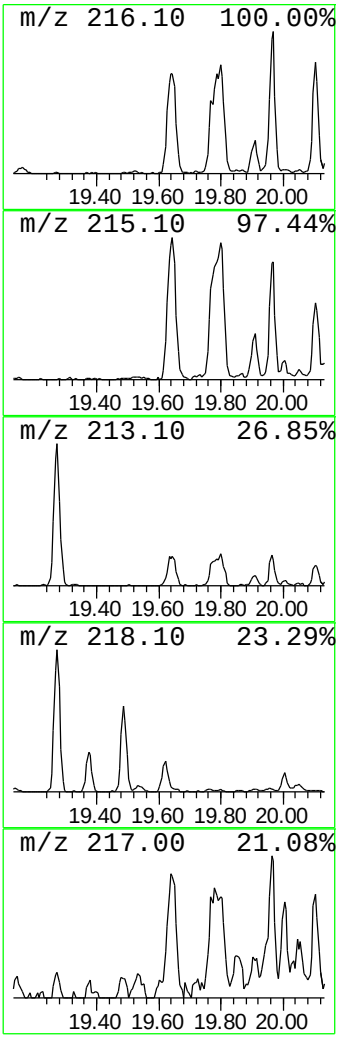
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.41 ng/ul	425128	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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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 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	3.61 ng/ul	635900	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	81
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
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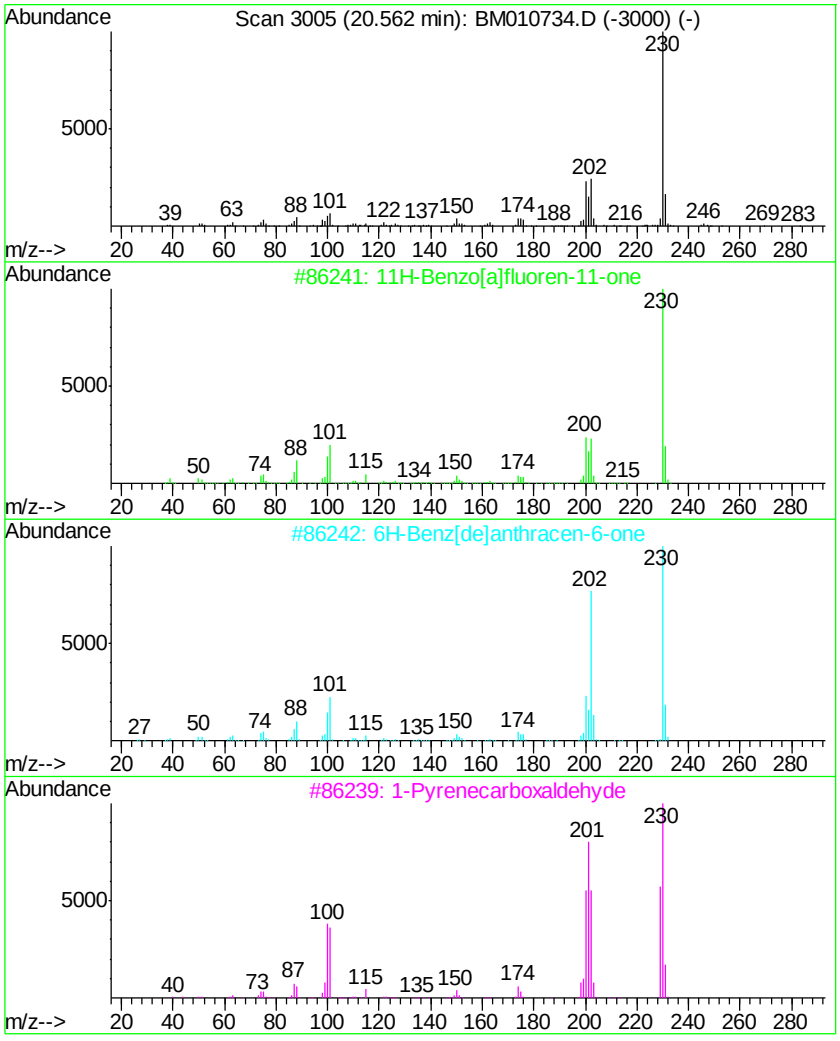

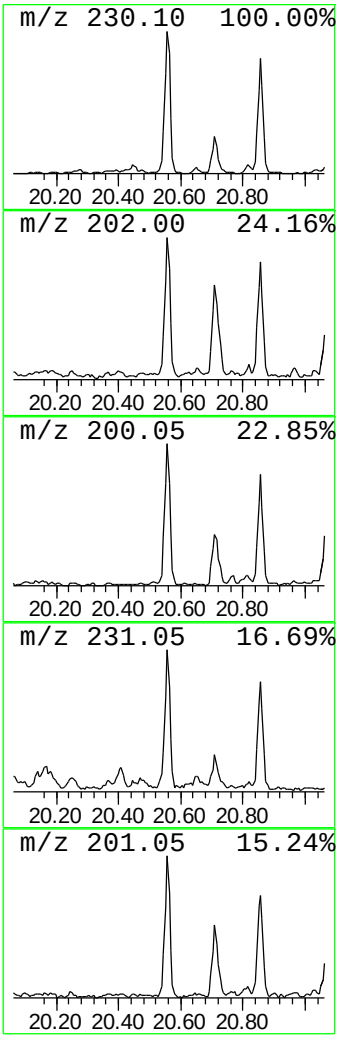

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Quant Title : SVOA CALIBRATION

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

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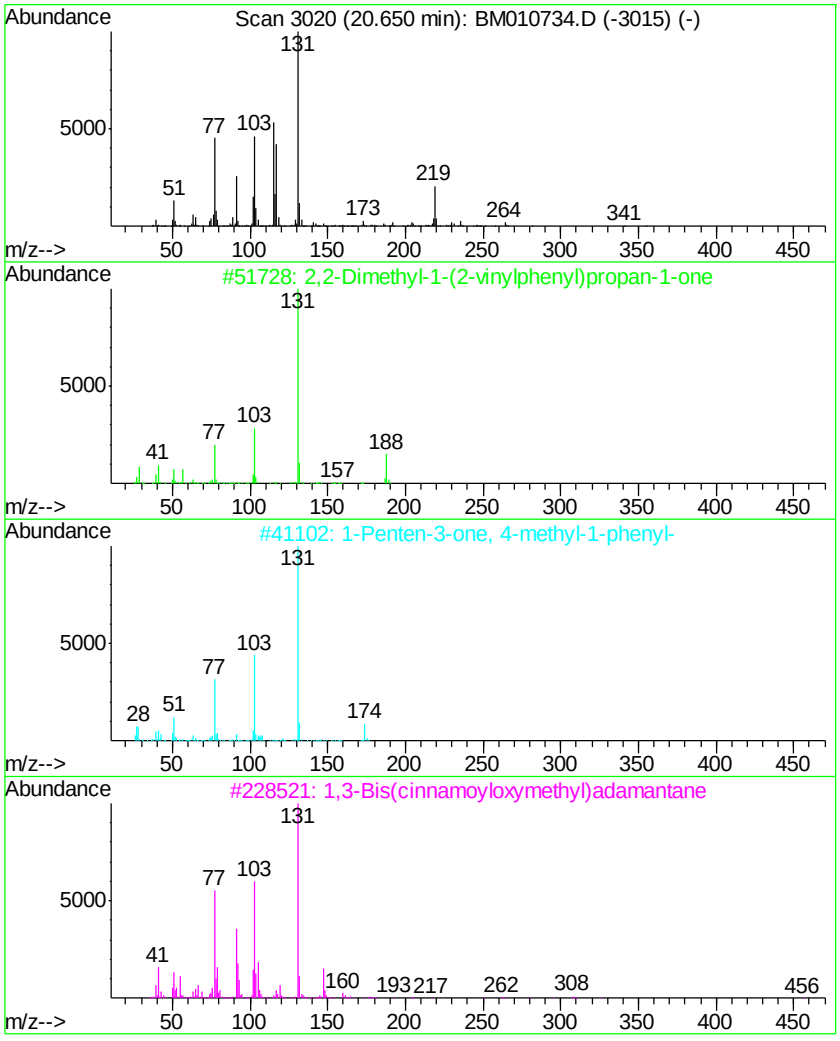
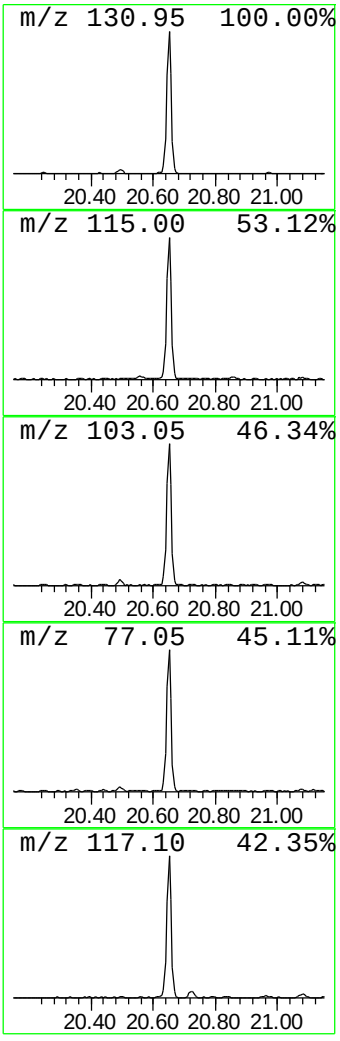
Peak Number 14 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	10.52 ng/ul	1853740	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
2	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
3	1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	47
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
5	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	38





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Quant Title : SVOA CALIBRATION

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

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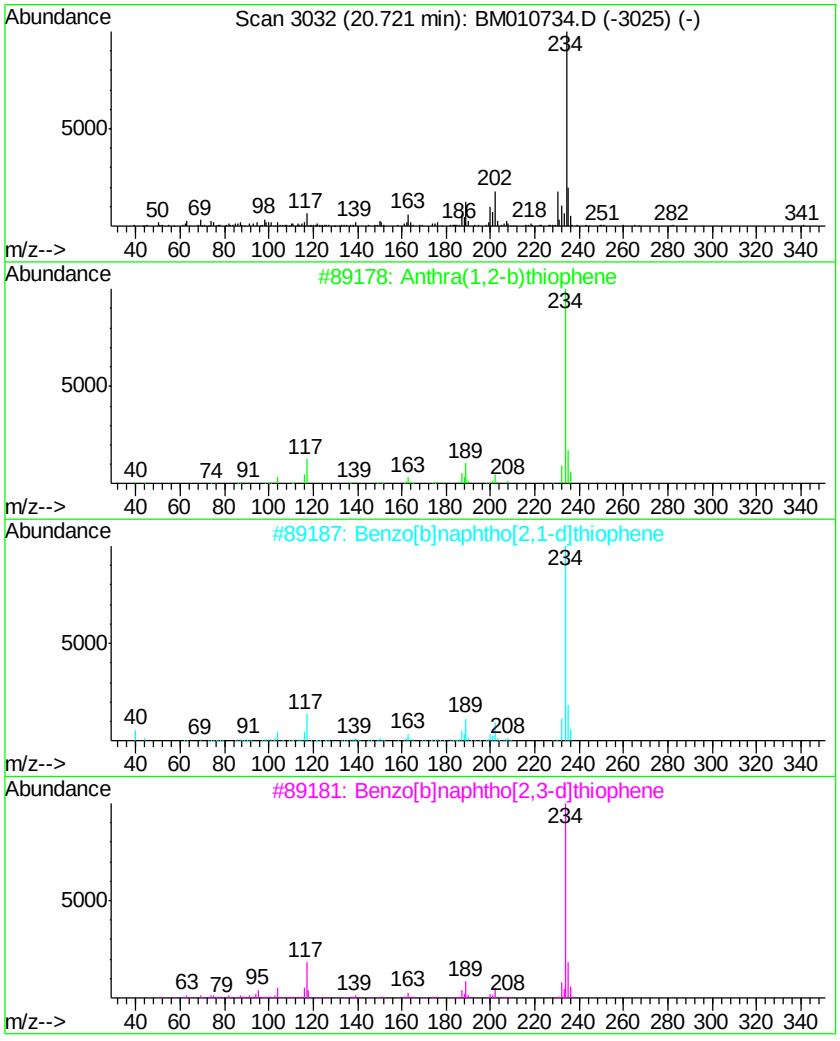
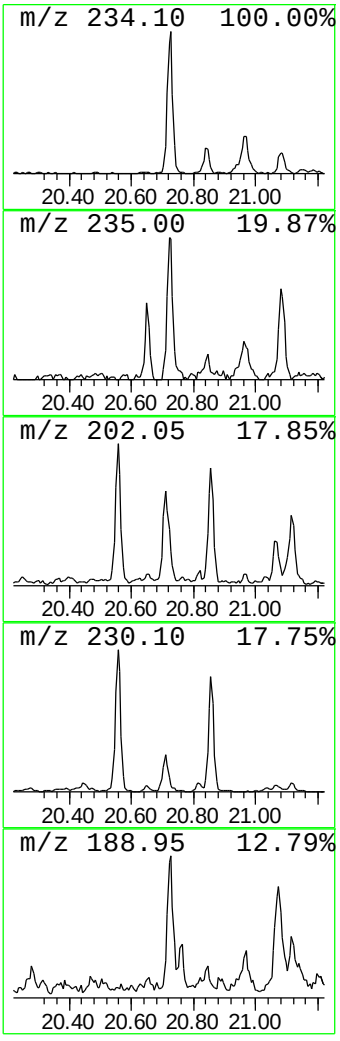
Peak Number 15 Anthra(1,2-b)thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.27 ng/ul	576303	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83





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ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

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Quant Title : SVOA CALIBRATION

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

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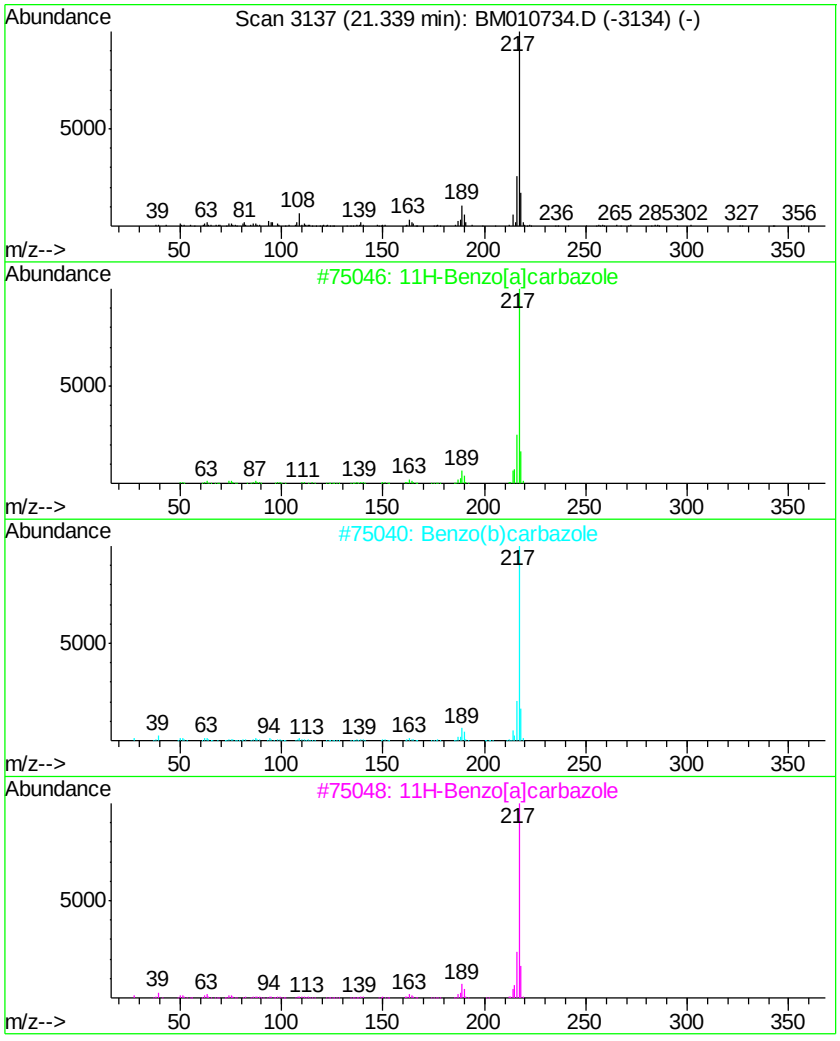
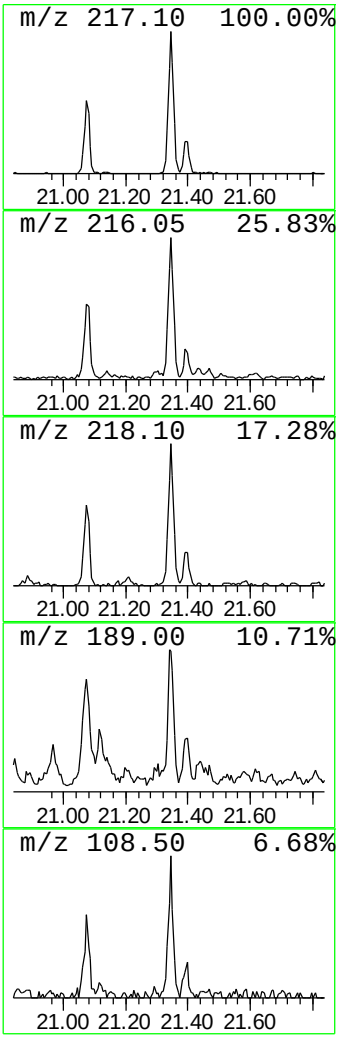
Peak Number 17 11H-Benzo[a]carbazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.32 ng/ul	408719	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	93
2	Benzo(b)carbazole	217	C16H11N	000243-28-7	93
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	93
4	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	93
5	Benzo(c)carbazole	217	C16H11N	034777-33-8	90





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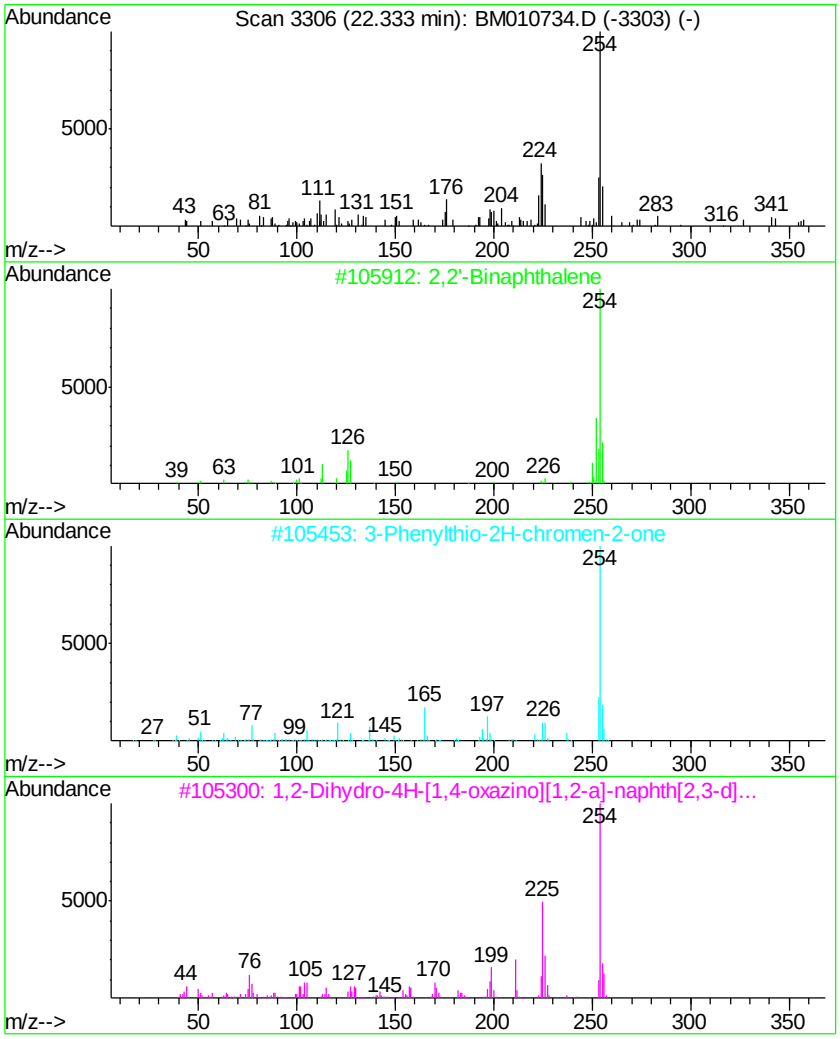
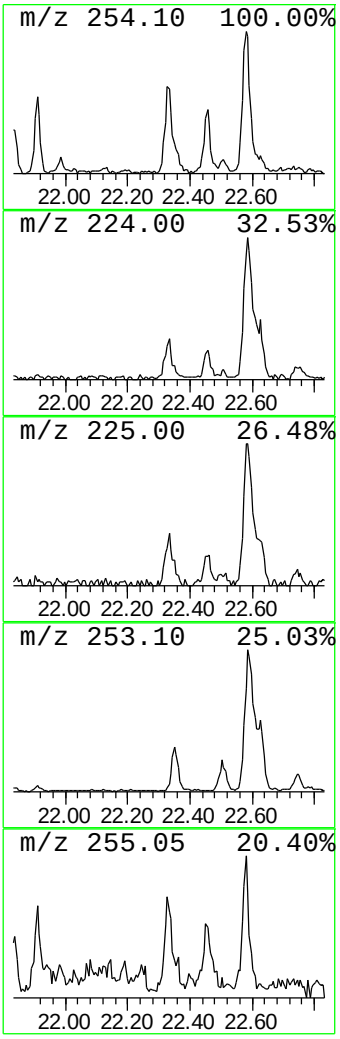
Peak Number 18 2,2'-Binaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.67 ng/ul	221704	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Binaphthalene	254	C20H14	000612-78-2	58
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	53
3	1,2-Dihydro-4H-[1,4-oxazino][1,2...	254	C14H10N2O3	038066-84-1	53
4	2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	50
5	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47





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Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

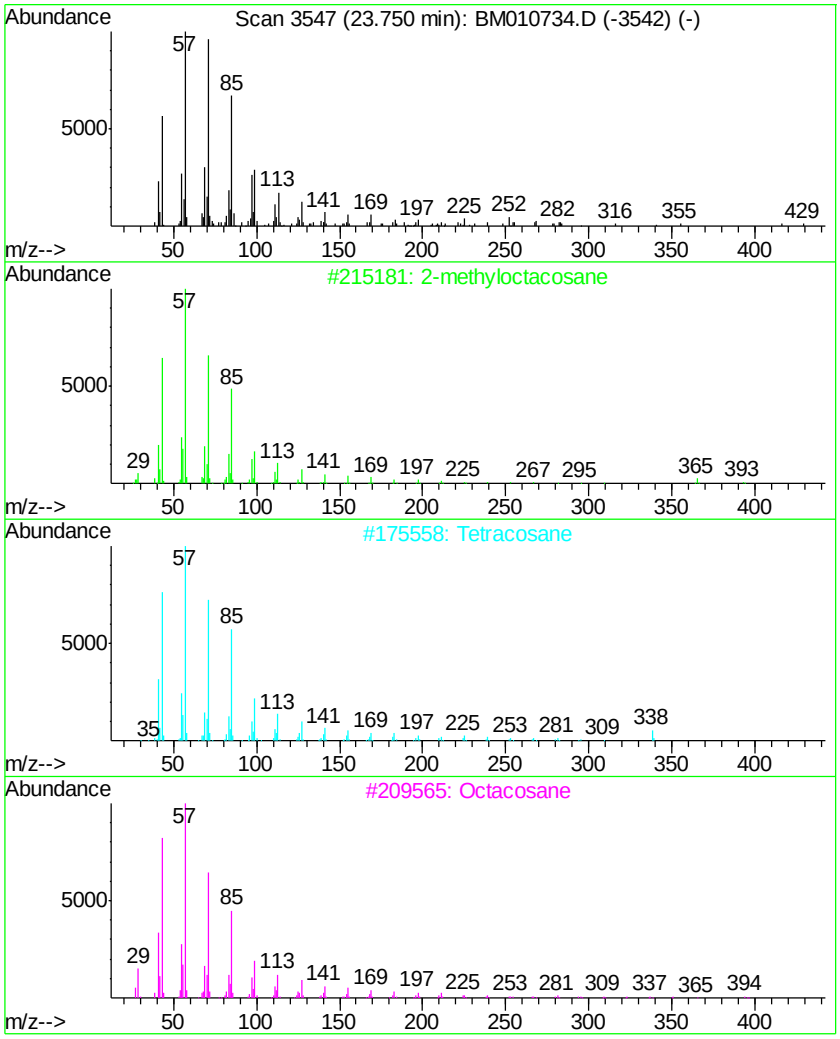
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

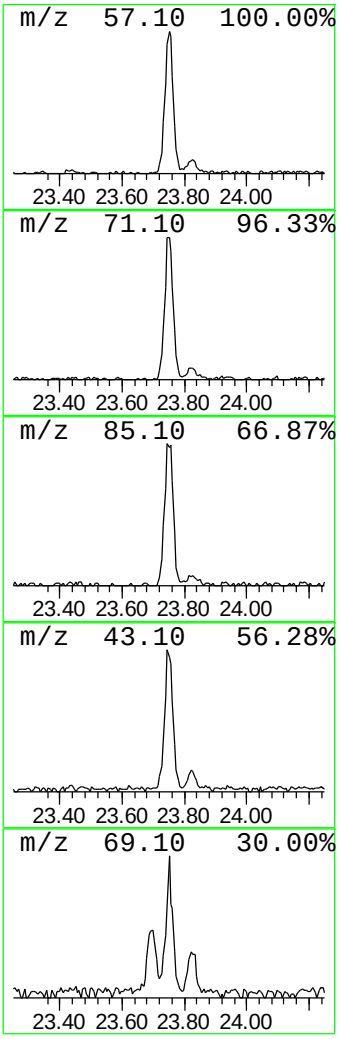
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	7.25 ng/ul	438539	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hentriacontane	437	C31H64	000630-04-6	86





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

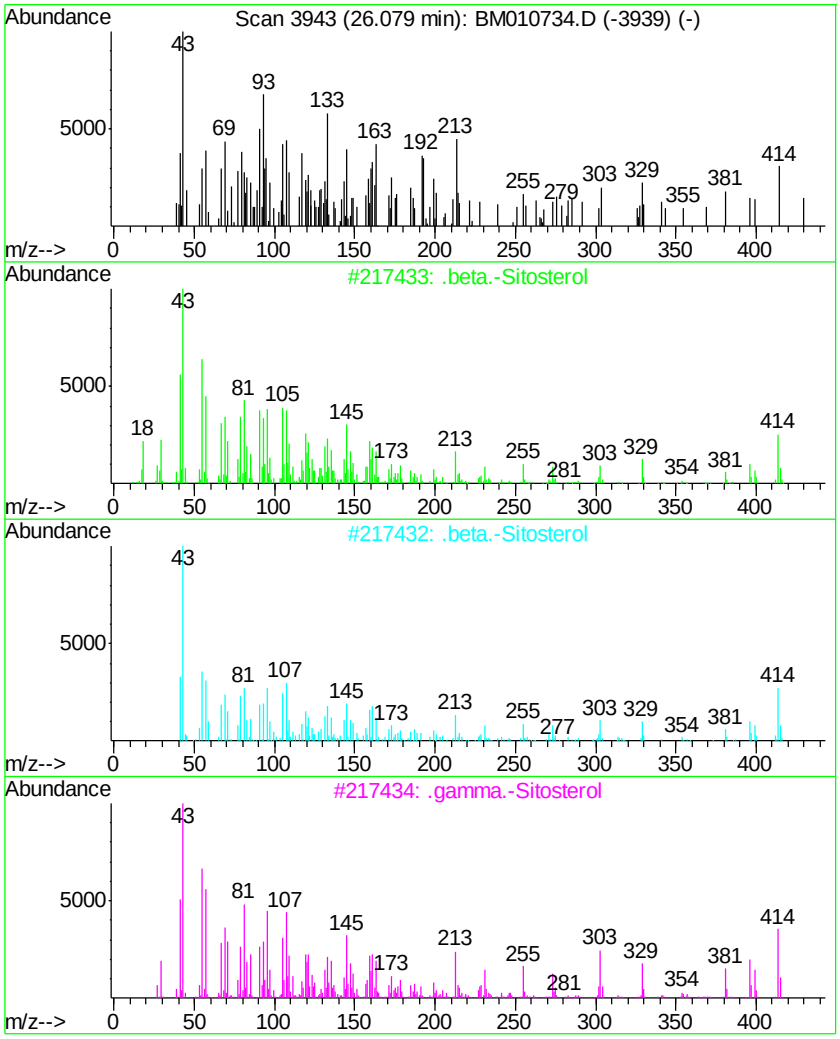
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

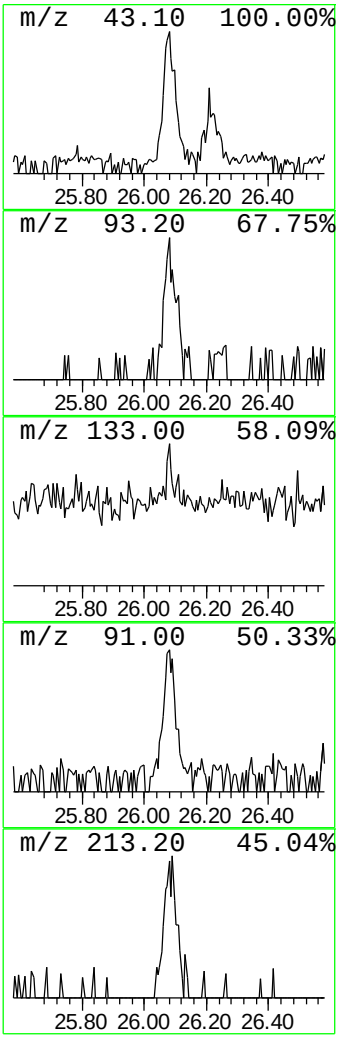
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	4.00 ng/ul	241930	Perylene-d12	23.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	64
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	49
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	38
5	Pregn-5-en-20-one, 16,17-epoxy-3...	330	C21H30O3	000974-23-2	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010734.D
Acq On : 24 Jun 2017 17:39
Operator : SJ/JU
Sample : I3627-10DL 2X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
.alpha.-Pinene	6.17	2.9	ng/ul	58084	1	7.46	396806	20.0
Bicyclo[5.2.0]non...	13.43	8.7	ng/ul	408945	3	14.11	938339	20.0
1H-Cyclopropa[l]p...	17.74	2.3	ng/ul	140322	4	16.86	1242480	20.0
Phenanthrene, 2-m...	17.87	2.2	ng/ul	136526	4	16.86	1242480	20.0
Anthracene, 1-met...	17.93	2.1	ng/ul	130487	4	16.86	1242480	20.0
5,16[1',2']:8,13[...	18.26	2.1	ng/ul	130867	4	16.86	1242480	20.0
9,10-Anthracenedione	18.29	26.5	ng/ul	1647720	4	16.86	1242480	20.0
9,10-Dimethylanth...	18.67	2.3	ng/ul	142726	4	16.86	1242480	20.0
Cyclopenta(def)ph...	18.82	4.4	ng/ul	270986	4	16.86	1242480	20.0
Pyrene, 1-methyl-	19.63	2.4	ng/ul	425128	5	21.08	3525630	20.0
11H-Benzo[a]fluor...	20.56	3.6	ng/ul	635900	5	21.08	3525630	20.0
unknown-01	20.65	10.5	ng/ul	1853740	5	21.08	3525630	20.0
Anthra(1,2-b)thio...	20.72	3.3	ng/ul	576303	5	21.08	3525630	20.0
11H-Benzo[a]carba...	21.34	2.3	ng/ul	408719	5	21.08	3525630	20.0
2,2'-Binaphthalene	22.33	3.7	ng/ul	221704	6	23.22	1208970	20.0
(DEL) Alkane: Str...	23.75	7.3	ng/ul	438539	6	23.22	1208970	20.0
.beta.-Sitosterol	26.08	4.0	ng/ul	241930	6	23.22	1208970	20.0