LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

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-BM021418.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	3.599	101	104	110	rVB3	84375	103362	1.44%	0.129%
2	4.340	226	230	235	rVB	84910	110333	1.54%	0.137%
3	4.681	284	288	292	rBV2	93333	142334	1.98%	0.177%
4	6.728	625	636	648	rBV2	334573	834629	11.62%	1.039%
5	6.875	656	661	672	rVB	274864	458343	6.38%	0.571%
6	7.063	687	693	703	rBV	409987	693444	9.65%	0.863%
7	7.522	766	771	778	rBV	610697	1021148	14.22%	1.271%
8	8.251	889	895	904	rBV	396367	770662	10.73%	0.959%
9	8.351	907	912	920	rVB	212131	369317	5.14%	0.460%
10	8.687	962	969	979	rBV	413214	744908	10.37%	0.927%
11	9.398	1083	1090	1100	rBV2	345250	647814	9.02%	0.806%
12	9.616	1121	1127	1133	rBV2	73345	165423	2.30%	0.206%
13	9.763	1148	1152	1161	rVB4	44830	80632	1.12%	0.100%
14	9.945	1176	1183	1199	rBV	437556	970378	13.51%	1.208%
15	10.292	1236	1242	1248	rBV	895013	1509974	21.02%	1.880%
16	10.345	1248	1251	1259	rVB2	75050	121760	1.69%	0.152%
17	10.469	1266	1272	1282	rBV2	82315	209515	2.92%	0.261%
18	13.604	1799	1805	1810	rBV	1098266	1508394	21.00%	1.878%
19	13.651	1810	1813	1820	rVB	274308	365935	5.09%	0.456%
20	13.869	1843	1850	1866	rBV	1147567	1939052	26.99%	2.414%
21	14.086	1883	1887	1891	rBV2	59623	74929	1.04%	0.093%
22	14.180	1896	1903	1910	rVV2	1245875	1956008	27.23%	2.435%
23	14.245	1910	1914	1922	rVB	91047	138911	1.93%	0.173%
24	14.451	1943	1949	1960	rBV4	160386	464230	6.46%	0.578%
25	14.592	1968	1973	1976	rBV2	88258	136524	1.90%	0.170%
26	14.633	1976	1980	1990	rVB3	200299	331593	4.62%	0.413%
27	15.045	2044	2050	2057	rVB5	84674	136983	1.91%	0.171%
28	15.186	2068	2074	2079	rBV	1501051	2082462	28.99%	2.592%
29	15.239	2079	2083	2088	rVB3	122821	189513	2.64%	0.236%
30	15.345	2094	2101	2108	rBV4	161292	317940	4.43%	0.396%
31	15.539	2129	2134	2140	rVB	58125	102020	1.42%	0.127%
32	15.686	2150	2159	2167	rVB6	58363	156955	2.18%	0.195%
33	15.910	2192	2197	2206	rBV6	84515	177978	2.48%	0.222%
34	16.245	2248	2254	2259	rBV7	57805	113175	1.58%	0.141%

LSC Area Percent Report

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Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

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-BM021418.M
Title : SVOA CALIBRATION

35	16.604	2310	2315	2321	rVB2	109381	162903	2.27%	0.203%
36	16.757	2338	2341	2349	rVB	116549	182440	2.54%	0.227%
37	16.945	2367	2373	2376	rBV	1398135	2048696	28.52%	2.550%
38	16.986	2376	2380	2385	rVV	2099662	2793947	38.89%	3.478%
39	17.039	2385	2389	2393	rVV2	1520546	2218121	30.88%	2.761%
40	17.074	2393	2395	2401	rVB	388605	464393	6.46%	0.578%
41	17.357	2436	2443	2454	rBV2	180153	412146	5.74%	0.513%
42	17.463	2457	2461	2468	rVV6	153640	265519	3.70%	0.331%
43	17.527	2468	2472	2480	rVV8	52494	115643	1.61%	0.144%
44	17.815	2514	2521	2524	rBV	277903	452680	6.30%	0.564%
45	17.857	2524	2528	2535	rVV2	858673	1545272	21.51%	1.924%
46	17.921	2536	2539	2541	rVV	148161	201880	2.81%	0.251%
47	17.951	2541	2544	2549	rVV2	143739	223318	3.11%	0.278%
48	18.010	2549	2554	2558	rVV2	394855	684028	9.52%	0.852%
49	18.051	2558	2561	2567	rVB	184594	256467	3.57%	0.319%
50	18.327	2604	2608	2611	rBV	195273	257216	3.58%	0.320%
51	18.380	2613	2617	2621	rVV	194879	248770	3.46%	0.310%
52	18.662	2661	2665	2669	rBV5	100080	146122	2.03%	0.182%
53	18.745	2675	2679	2683	rBV	165017	262873	3.66%	0.327%
54	18.798	2683	2688	2693	rVV9	95207	228439	3.18%	0.284%
55	18.898	2700	2705	2716	rVB3	203817	464450	6.47%	0.578%
56	19.015	2719	2725	2732	rVB	3508617	4554755	63.41%	5.670%
57	19.104	2737	2740	2744	rVV6	250003	387142	5.39%	0.482%
58	19.145	2744	2747	2756	rVB3	405484	649800	9.05%	0.809%
59	19.351	2777	2782	2784	rBV	1996224	2745806	38.22%	3.418%
60	19.380	2784	2787	2796	rVB	2822301	3660635	50.96%	4.557%
61	19.492	2802	2806	2811	rVB	3359406	4181366	58.21%	5.205%
62	19.598	2820	2824	2828	rVB	737098	828611	11.53%	1.032%
63	19.880	2870	2872	2880	rVB2	348048	470667	6.55%	0.586%
64	19.980	2886	2889	2890	rBV2	277988	264456	3.68%	0.329%
65	20.009	2890	2894	2898	rVV	3600433	4407997	61.36%	5.487%
66	20.051	2898	2901	2910	rVB2	1675742	2307791	32.13%	2.873%
67	20.451	2964	2969	2973	rBV	5958082	7183514	100.00%	8.943%
68	20.639	2998	3001	3007	rBV	330211	363130	5.06%	0.452%
69	20.798	3025	3028	3031	rBV2	228789	284528	3.96%	0.354%
70	20.874	3038	3041	3048	rVB4	659750	939077	13.07%	1.169%
71	20.939	3049	3052	3056	rVB	307078	351153	4.89%	0.437%

LSC Area Percent Report

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Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

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-BM021418.M
Title : SVOA CALIBRATION

72	21.074	3071	3075	3079	rBV	766536	800207	11.14%	0.996%
73	21.145	3082	3087	3092	rVV2	1911365	3899126	54.28%	4.854%
74	21.192	3092	3095	3103	rVB	1265669	1679050	23.37%	2.090%
75	21.986	3227	3230	3236	rVB2	548324	719697	10.02%	0.896%
76	22.686	3343	3349	3354	rBV	1007208	2398783	33.39%	2.986%
77	23.145	3423	3427	3431	rBV	450395	700006	9.74%	0.871%
78	23.192	3431	3435	3439	rVV	737629	1258666	17.52%	1.567%
79	23.233	3439	3442	3451	rVB	888639	1520976	21.17%	1.893%
80	23.327	3454	3458	3463	rVB	664199	989361	13.77%	1.232%

Sum of corrected areas: 80328201

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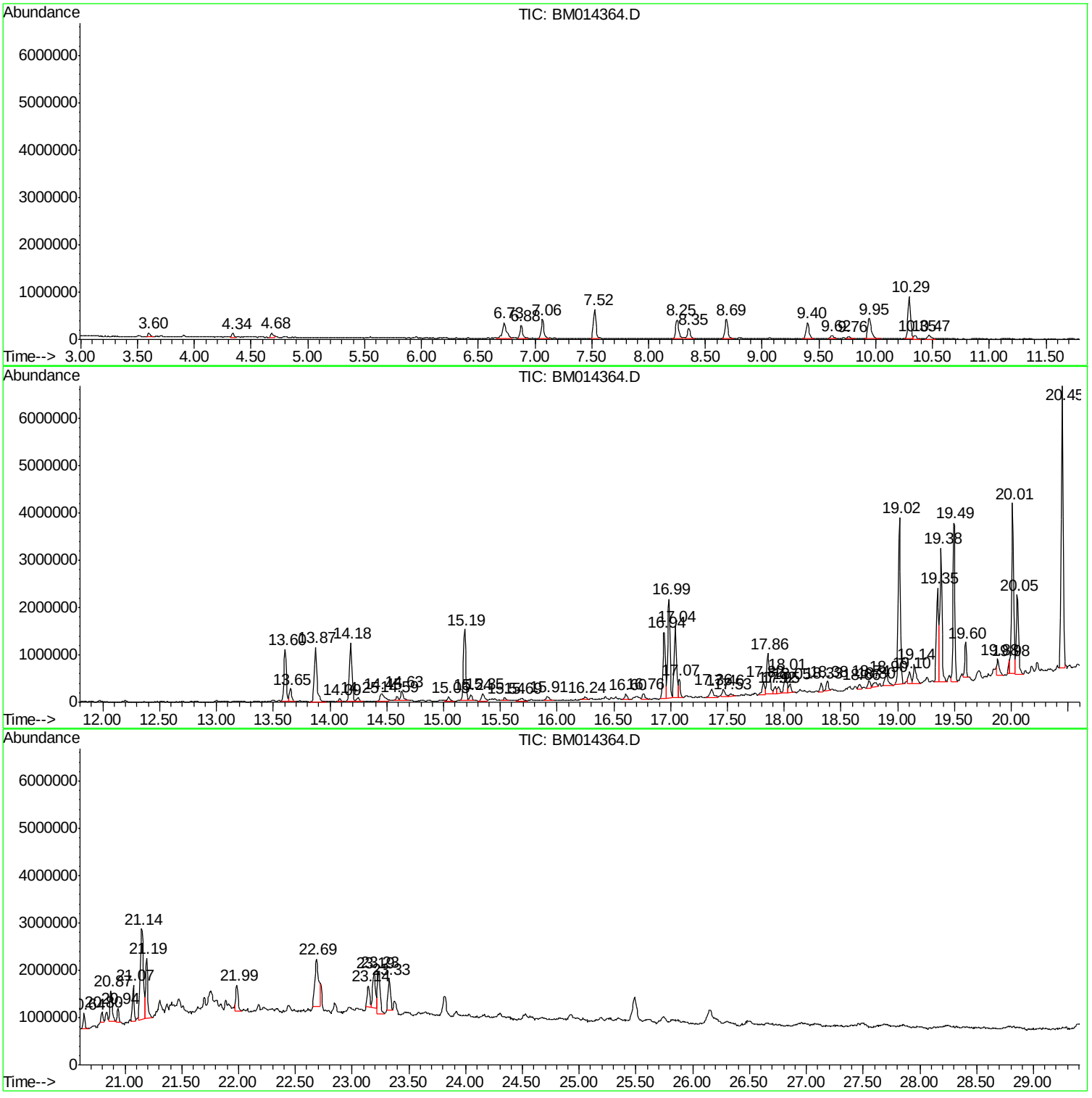
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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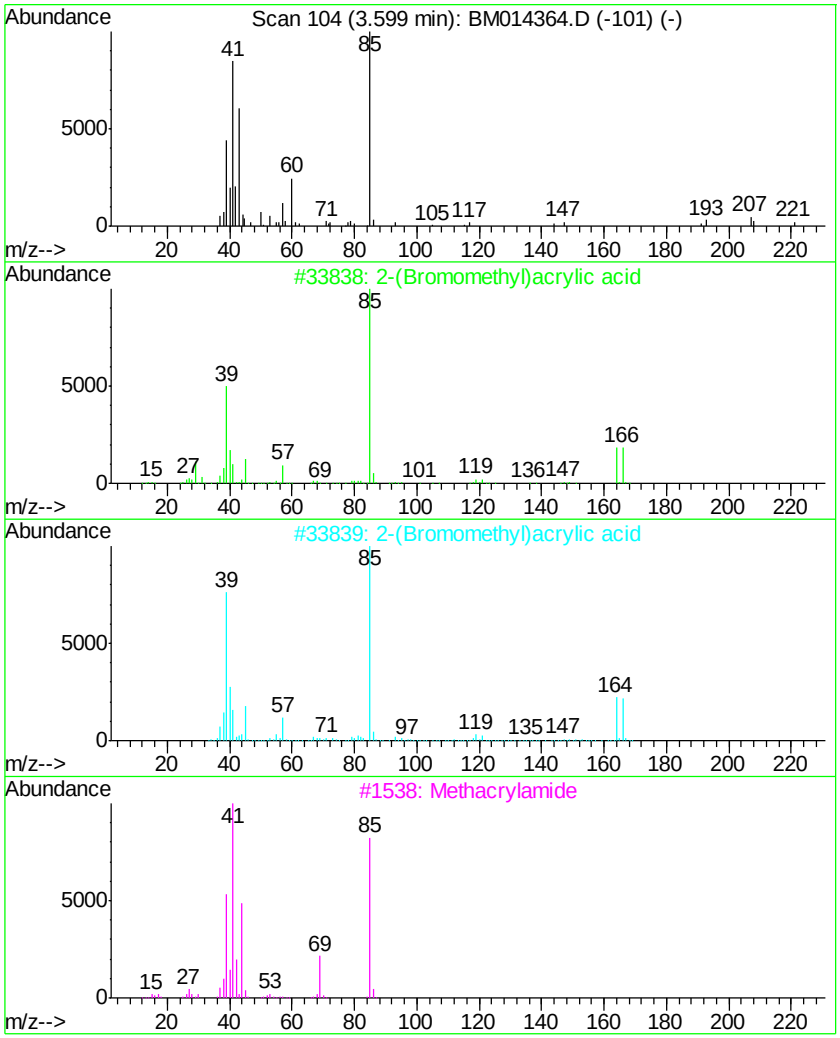
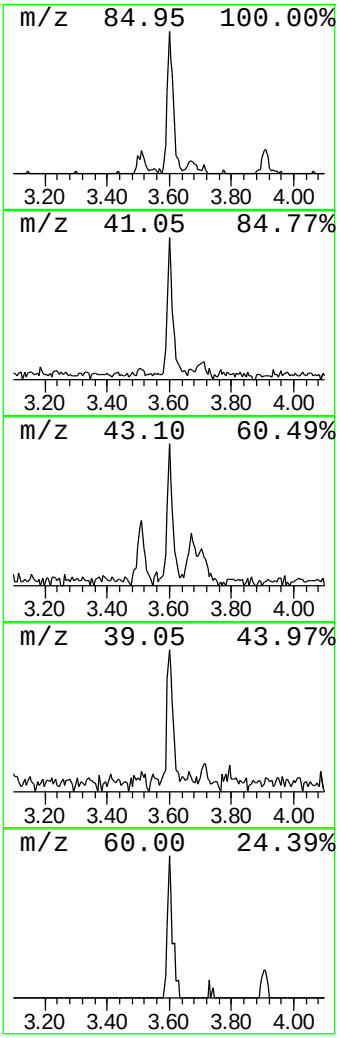
Peak Number 1 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	2.02 ng/ul	103362	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
2	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
3	Methacrylamide	85	C4H7NO	000079-39-0	37
4	Methacrylamide	85	C4H7NO	000079-39-0	36
5	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	33





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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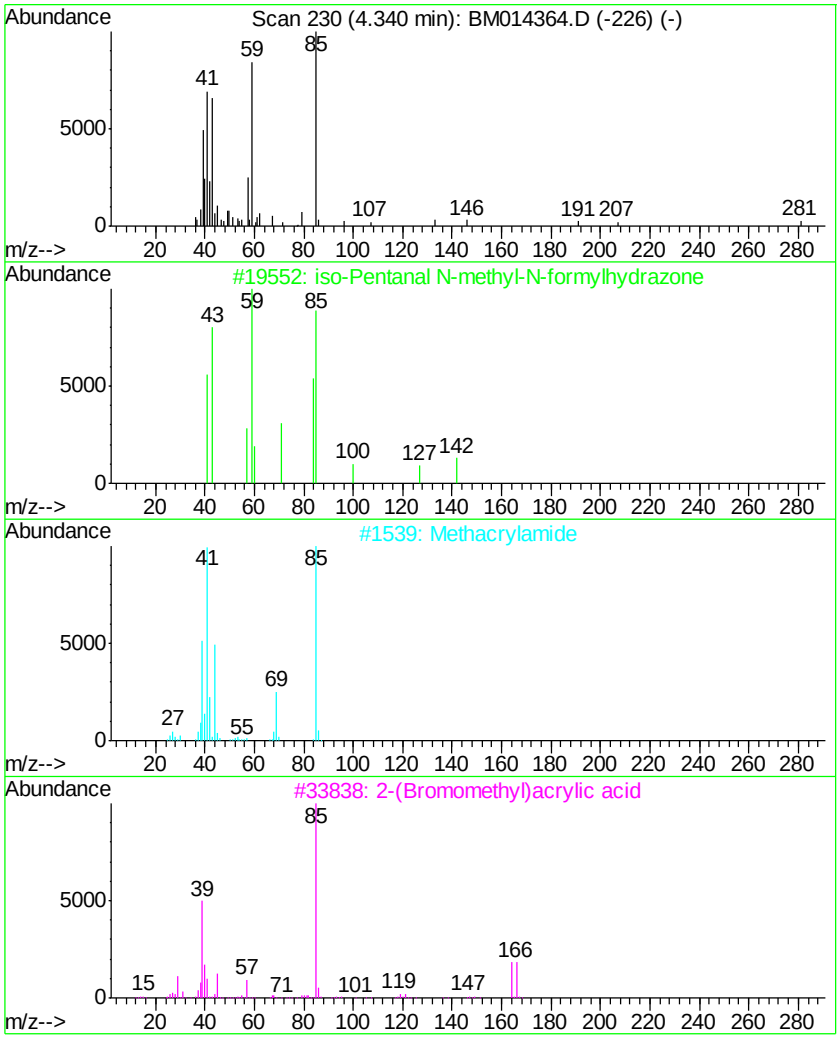
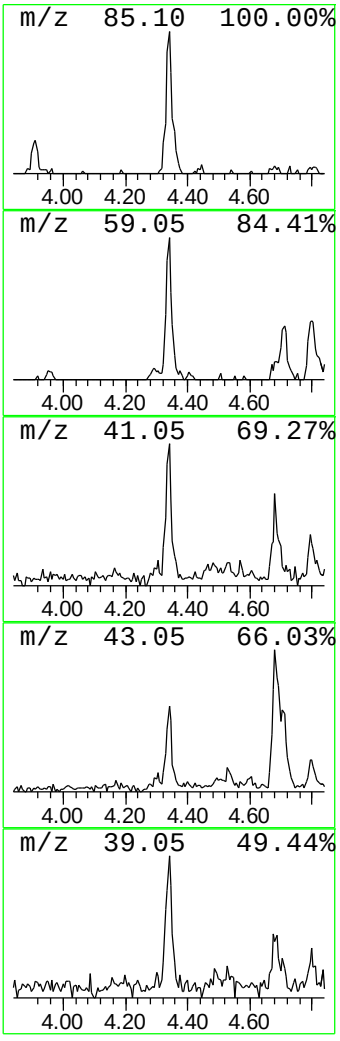
Peak Number 2 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	2.16 ng/ul	110333	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	iso-Pentanal N-methyl-N-formylhy...	142	C7H14N2O	057590-21-3	38
2	Methacrylamide	85	C4H7NO	000079-39-0	37
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	32
4	Methacrylamide	85	C4H7NO	000079-39-0	32
5	Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
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Acq On : 26 Feb 2018 19:48
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Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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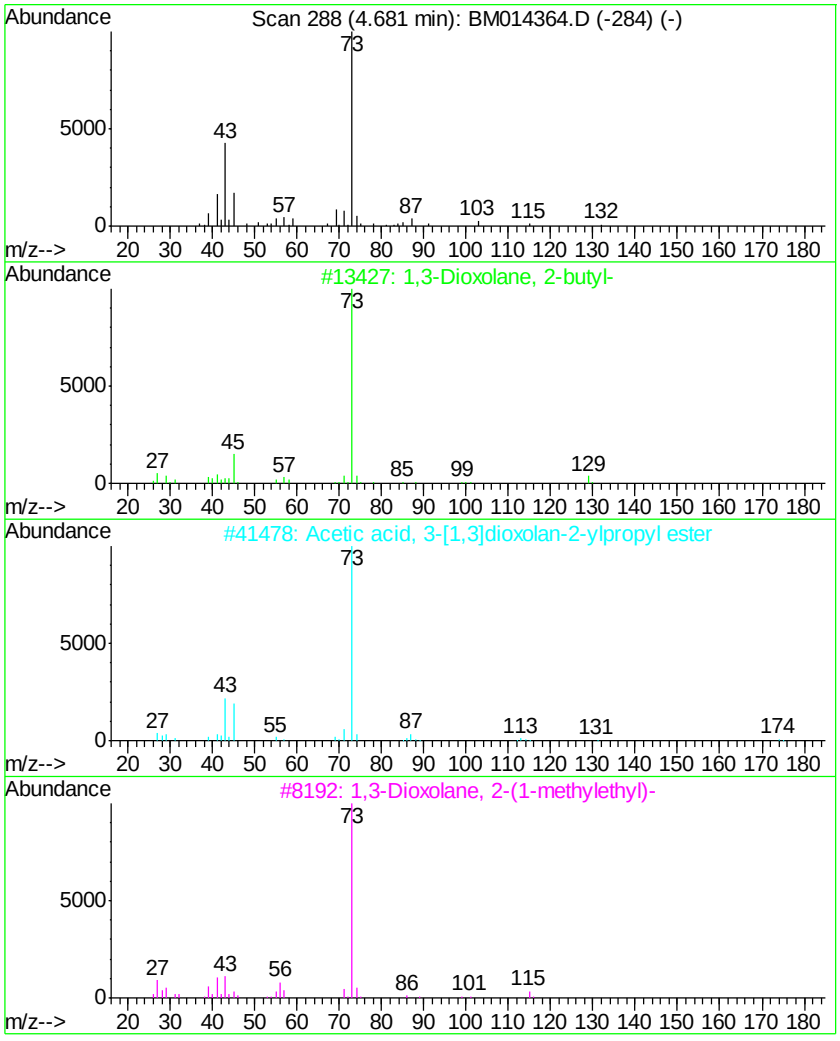
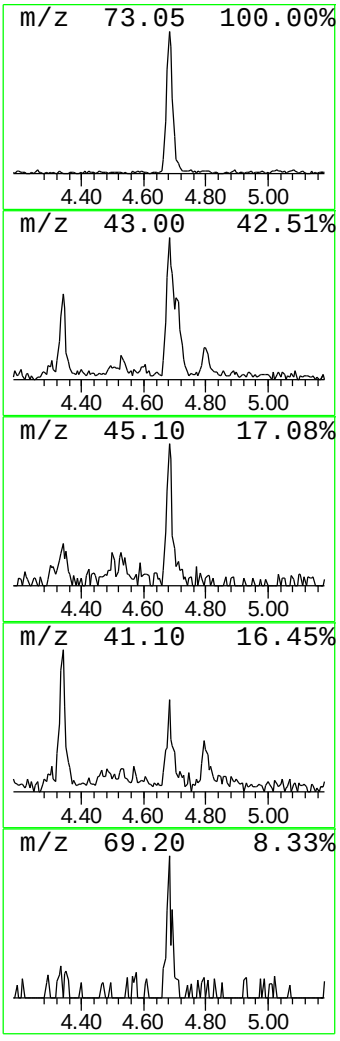
****

Peak Number 3 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.79 ng/ul	142334	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	40
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	38
3	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	37
4	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	25
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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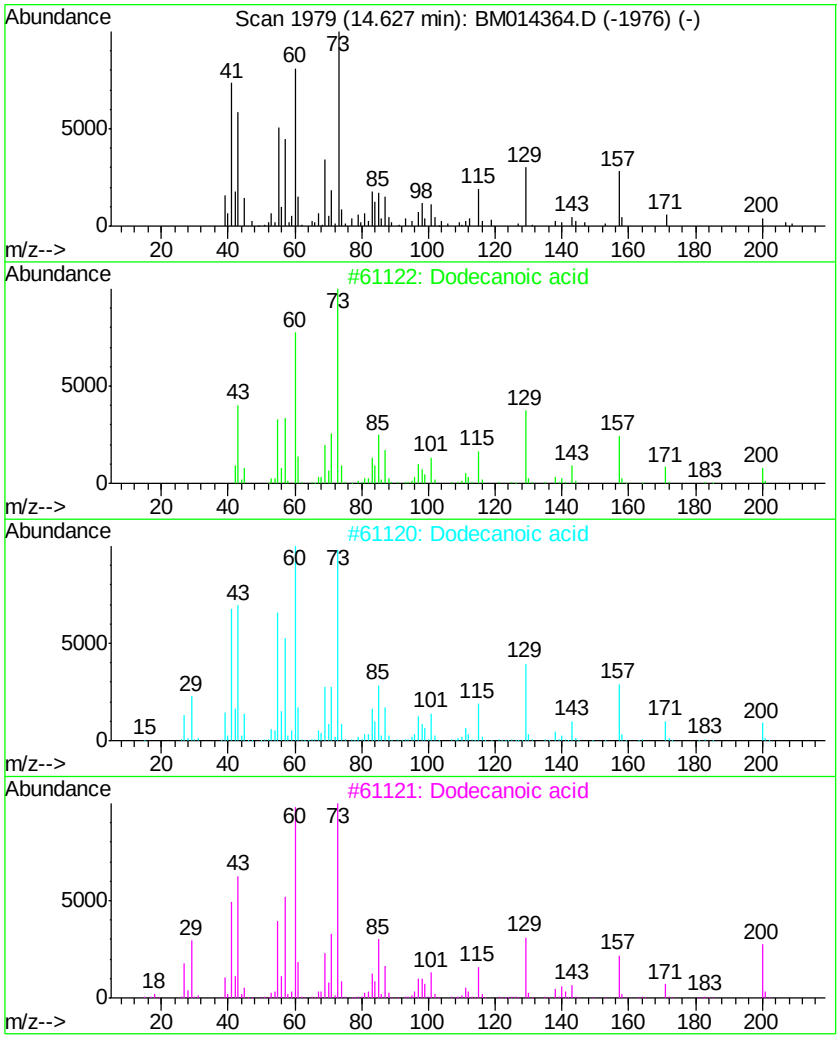
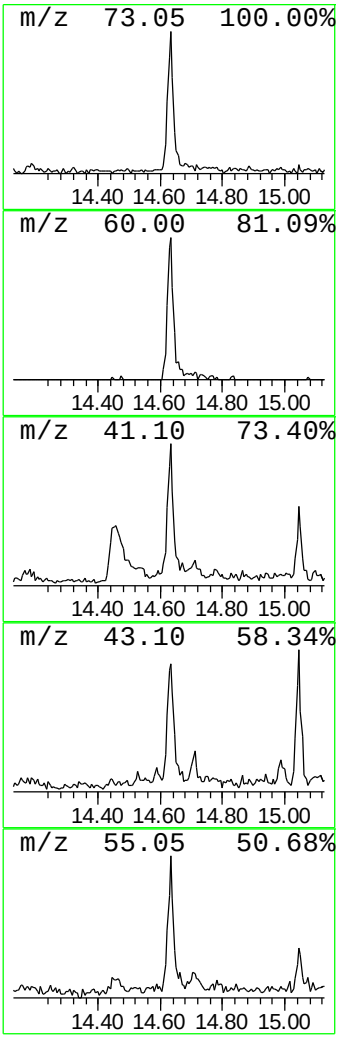
Peak Number 5 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.39 ng/ul	331593	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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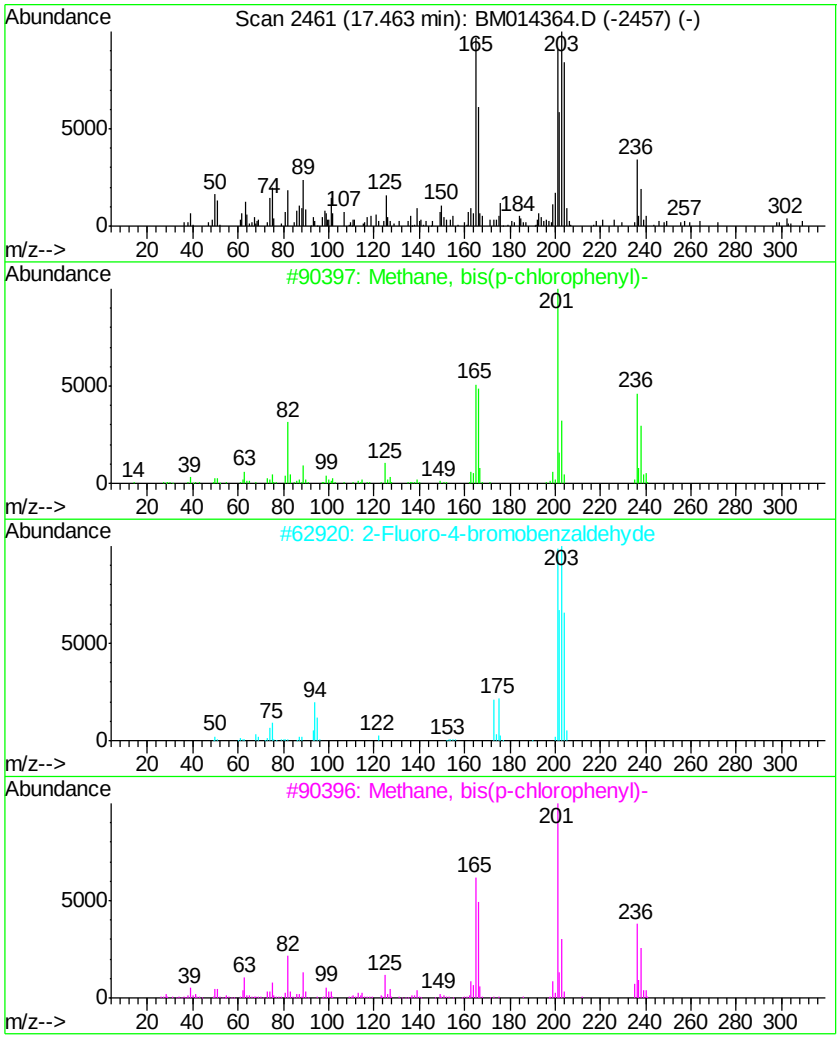
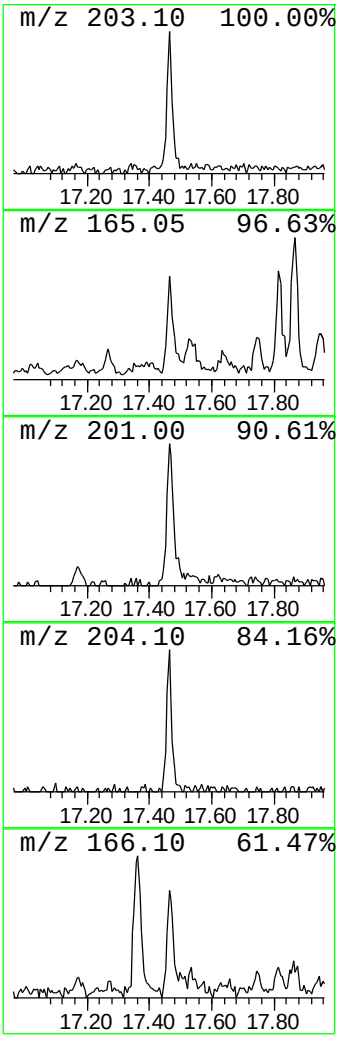
Peak Number 6 Methane, bis(p-chlorophenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.59 ng/ul	265519	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bis(p-chlorophenyl)-	236	C13H10Cl2	000101-76-8	50
2	2-Fluoro-4-bromobenzaldehyde	202	C7H4BrFO	057848-46-1	43
3	Methane, bis(p-chlorophenyl)-	236	C13H10Cl2	000101-76-8	41
4	Methanone, (3-aminophenyl)(1-pip...	204	C12H16N2O	077201-13-9	25
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	25





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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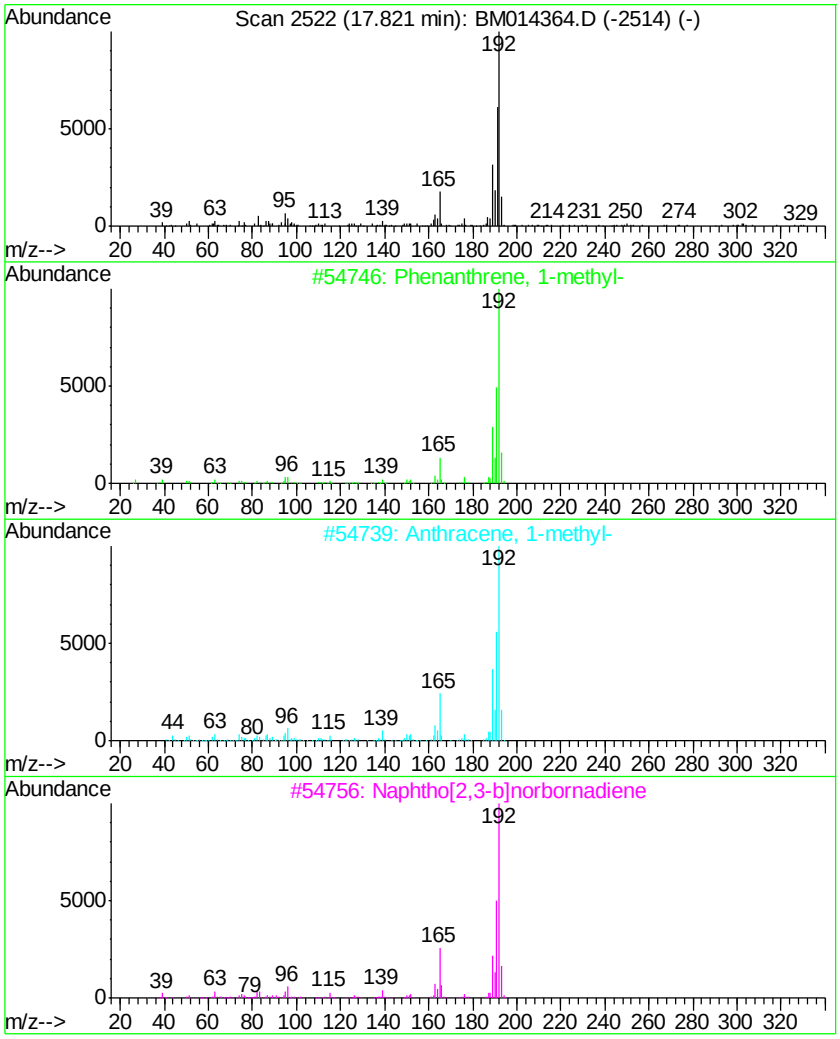
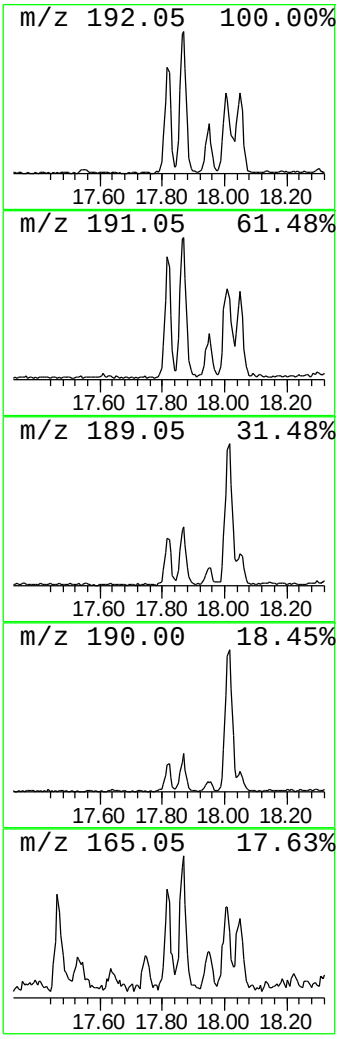
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.42 ng/ul	452680	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Quant Title : SVOA CALIBRATION

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

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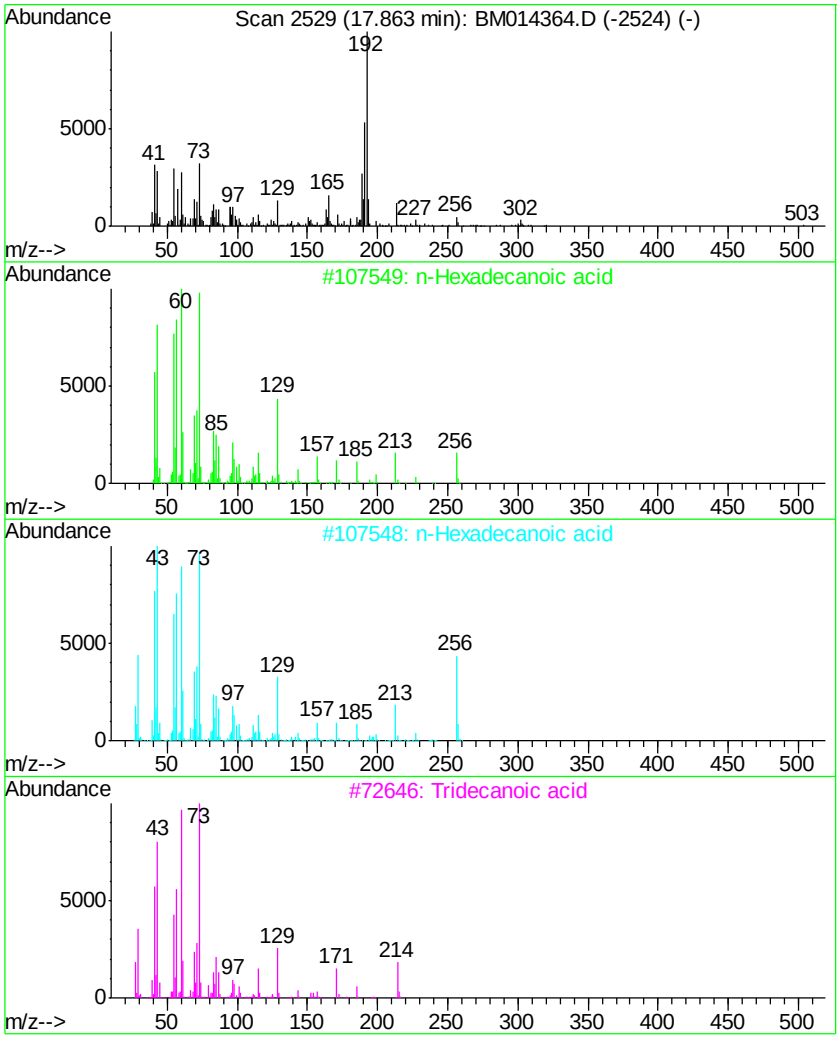
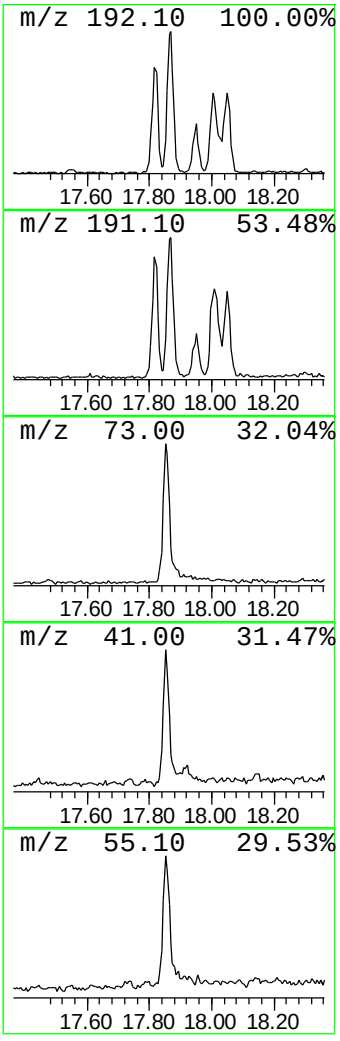
Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	15.09 ng/ul	1545270	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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

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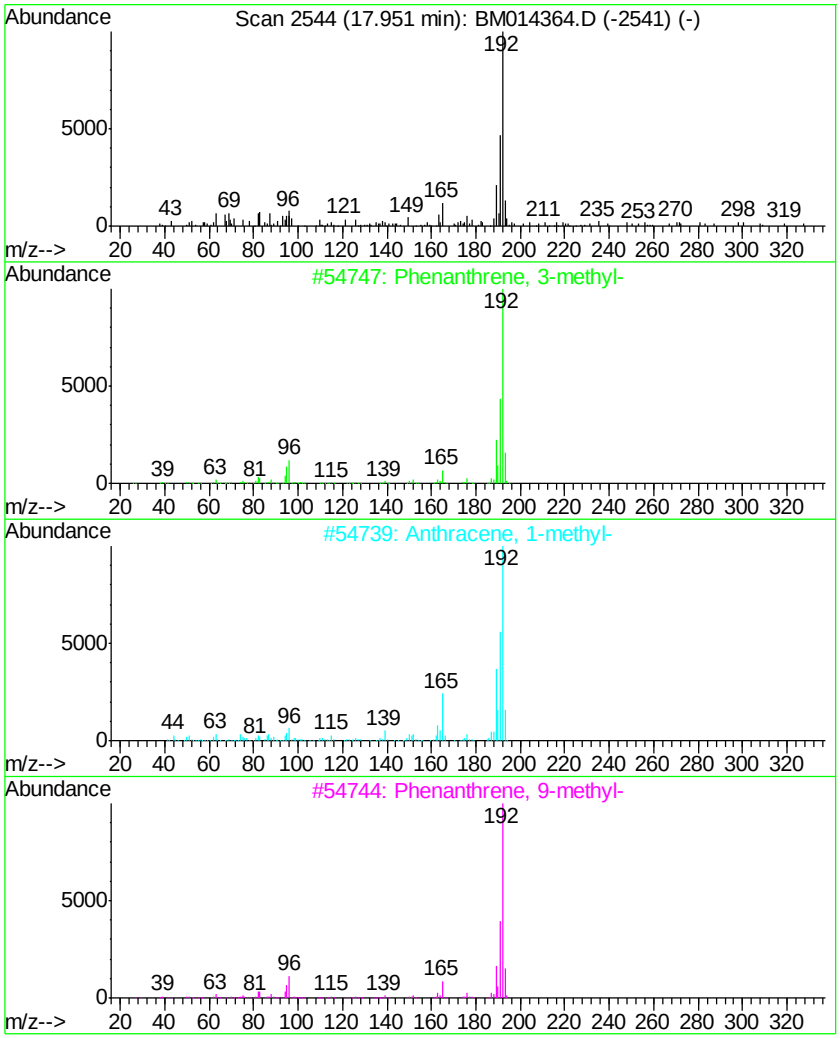
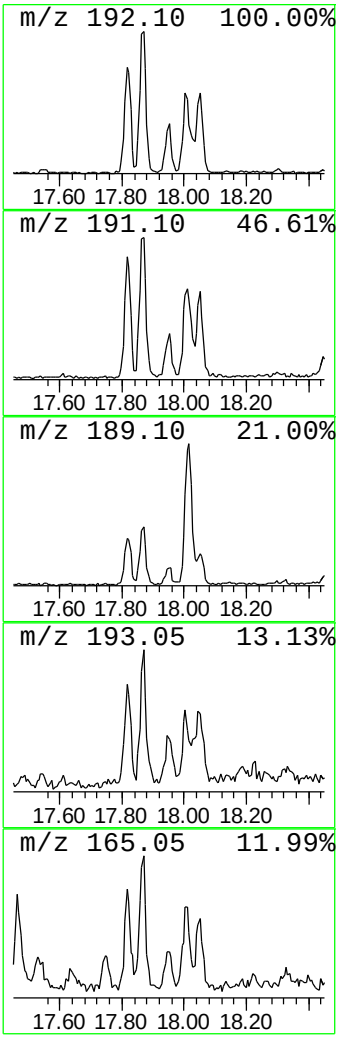
Peak Number 9 Phenanthrene, 3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.18 ng/ul	223318	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
3	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74





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

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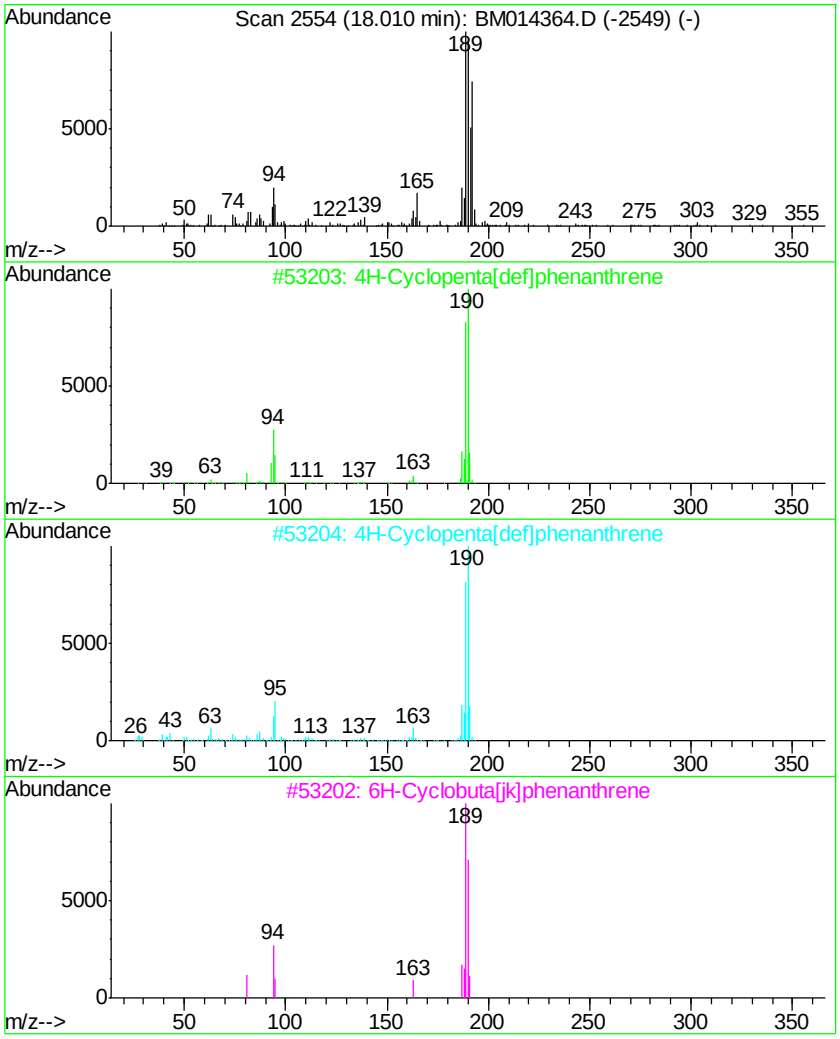
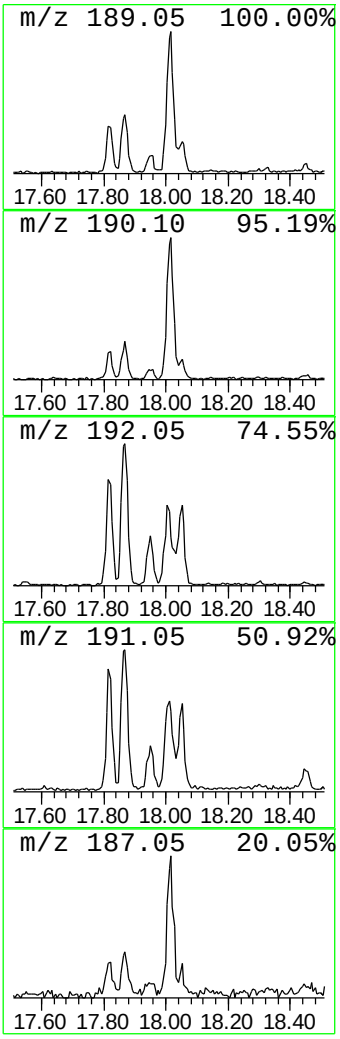
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	6.68 ng/ul	684028	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





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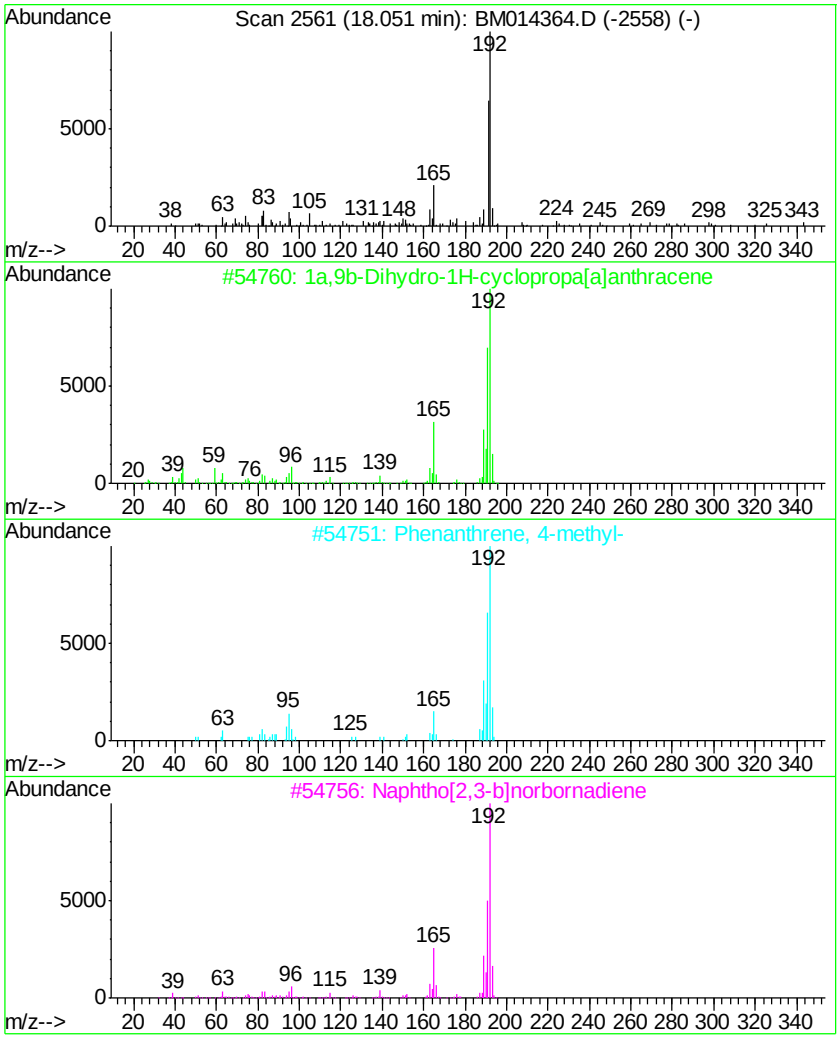
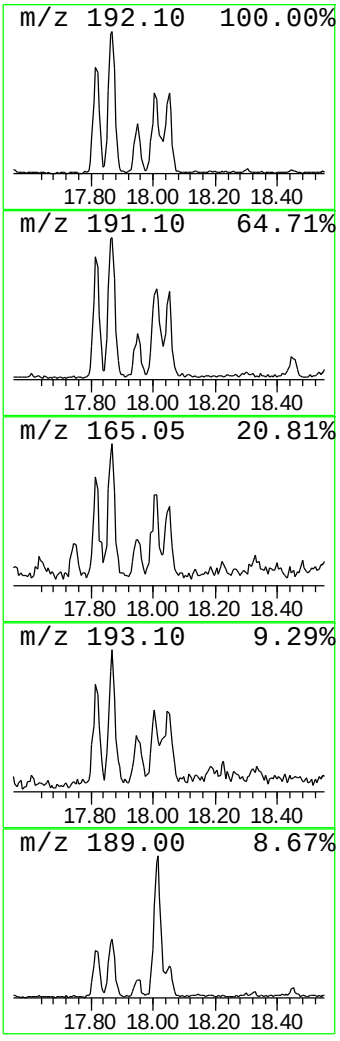
Peak Number 11 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.50 ng/ul	256467	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	80
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72





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

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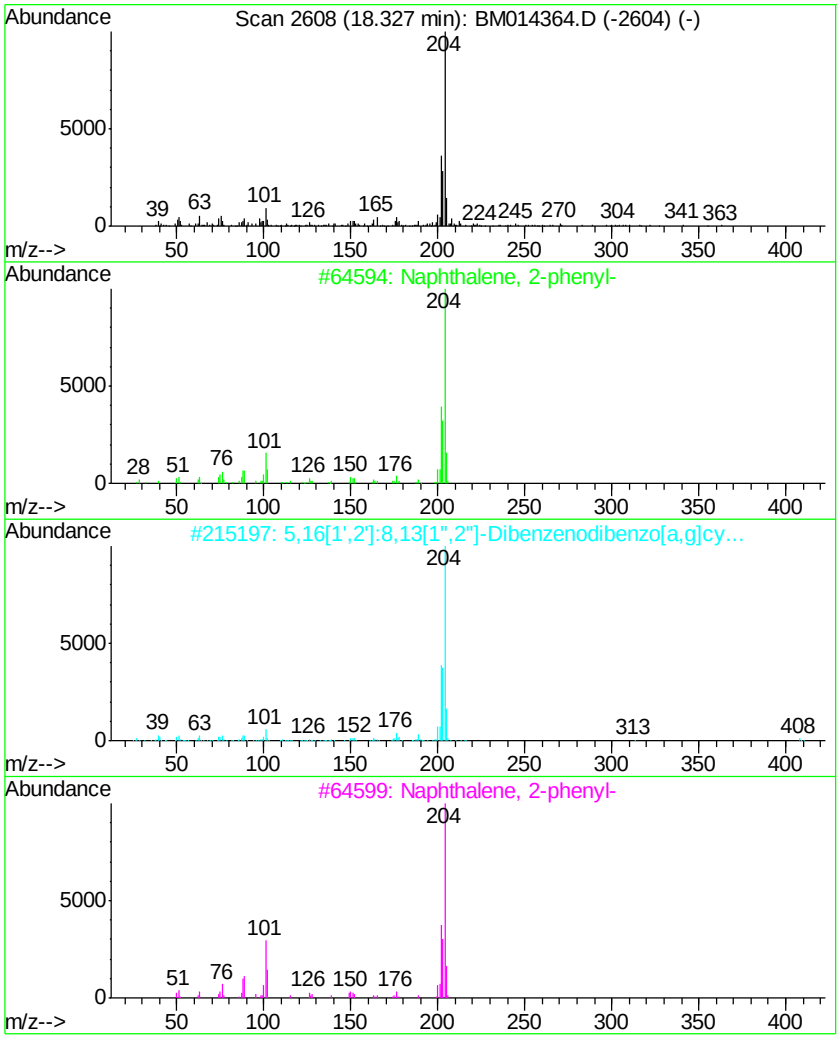
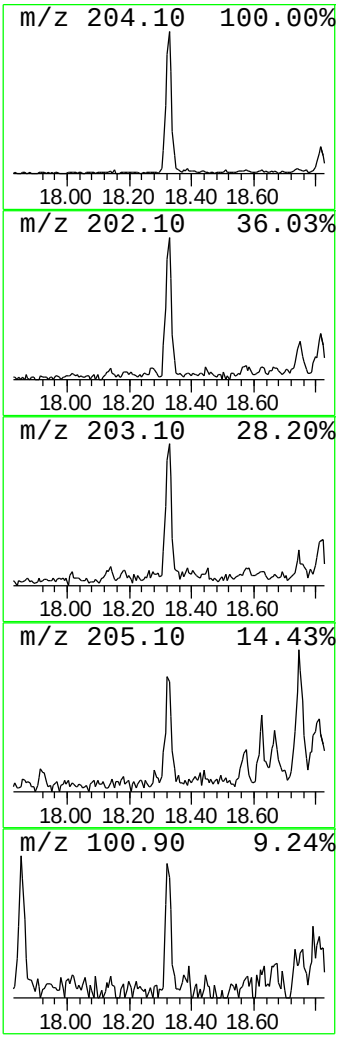
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.51 ng/ul	257216	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	59





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TIC Integration Parameters: LSCINT.P

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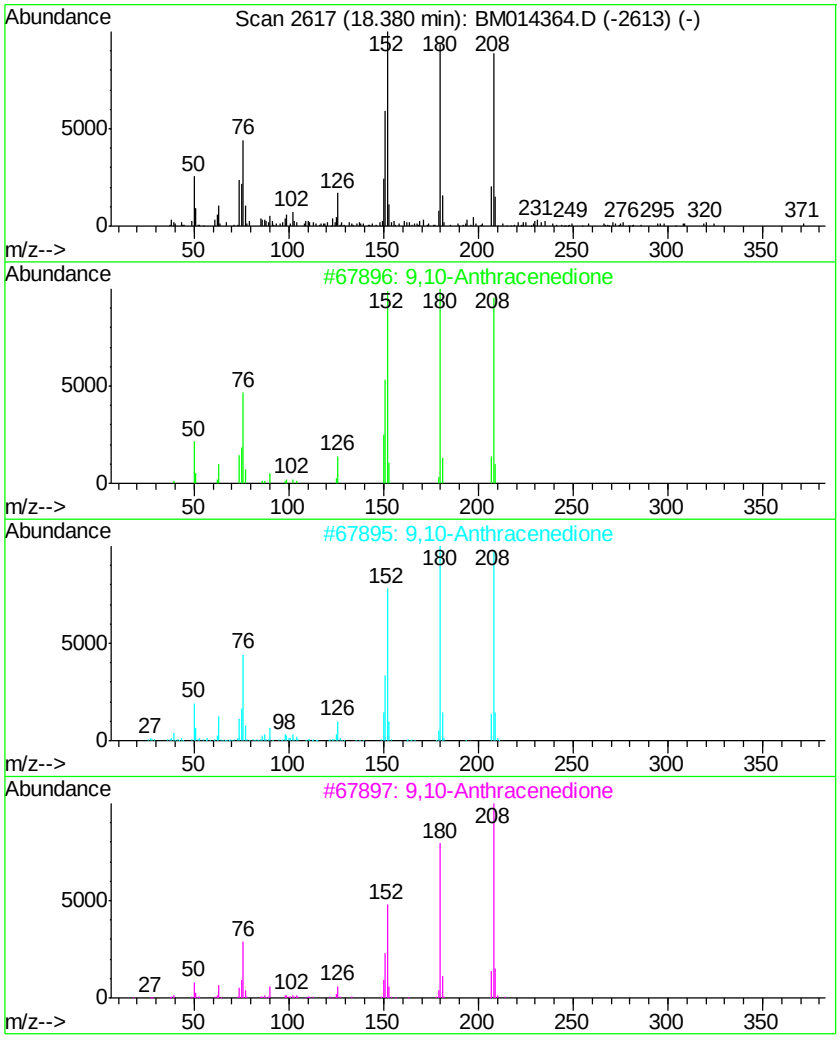
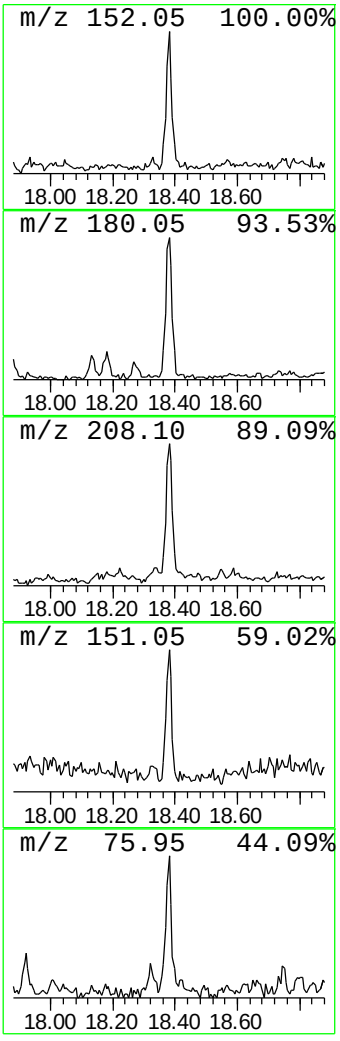
Peak Number 13 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	2.43 ng/ul	248770	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62





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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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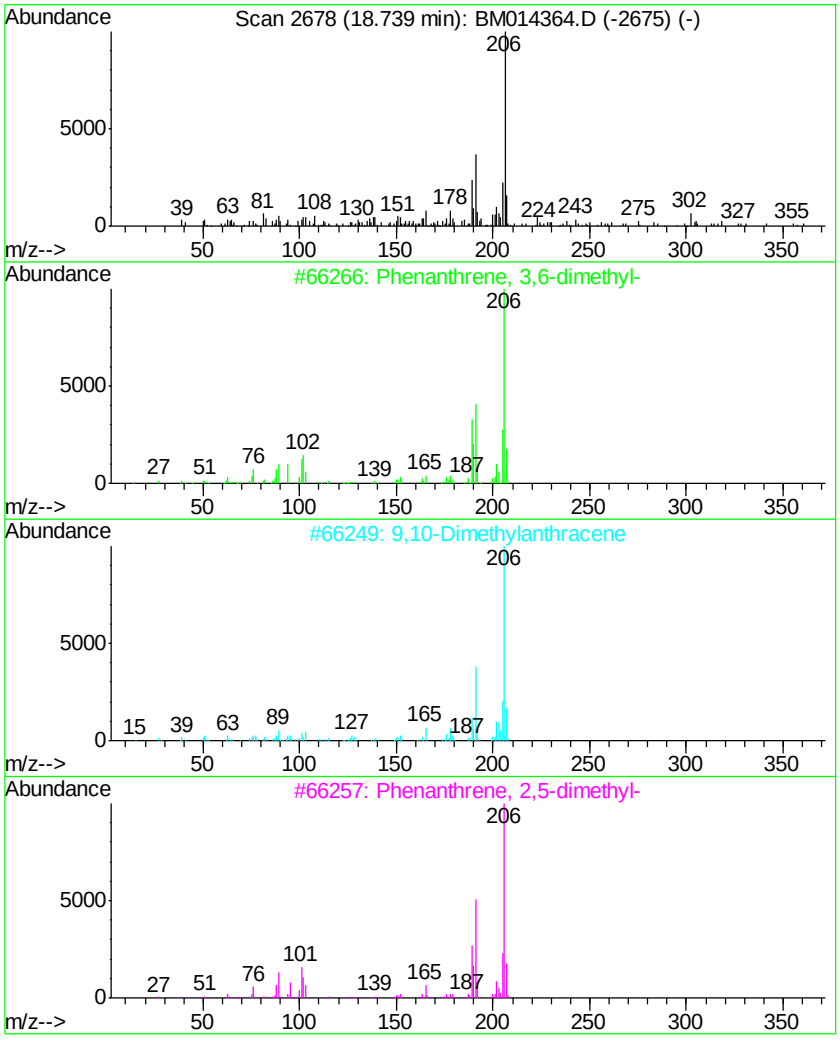
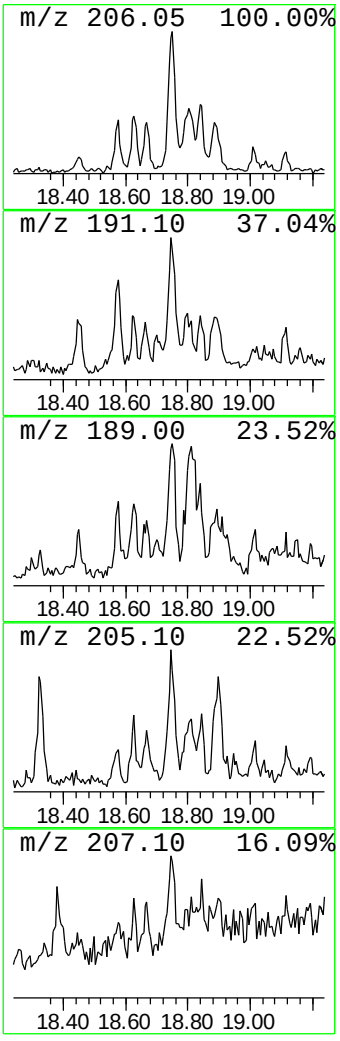
Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.57 ng/ul	262873	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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

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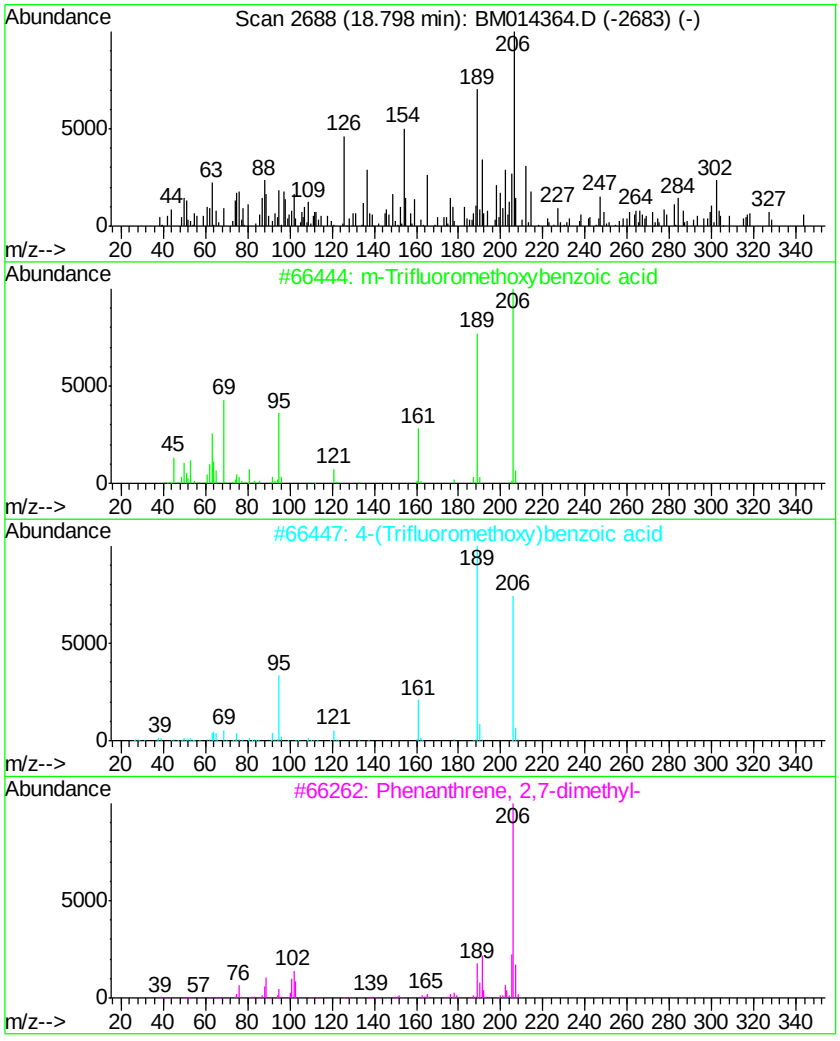
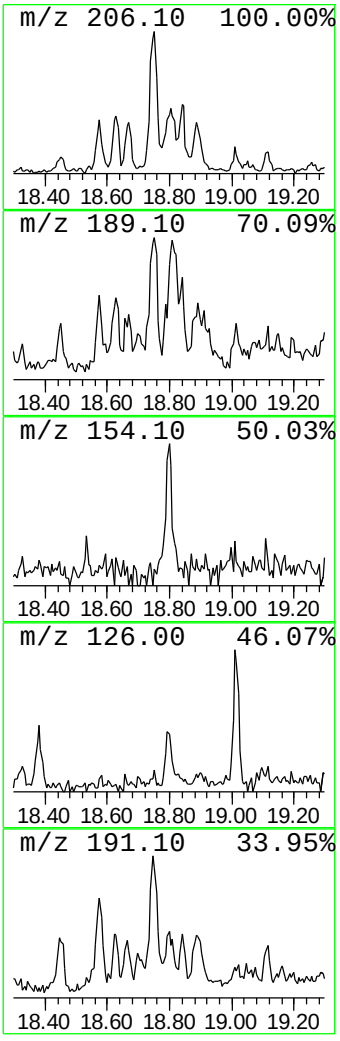
Peak Number 15 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.23 ng/ul	228439	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	43
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	25
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25
4	3-Methoxy-2,4,5-trifluorobenzoic...	318	C16H21F3O3	1000338-76-5	25
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	18





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

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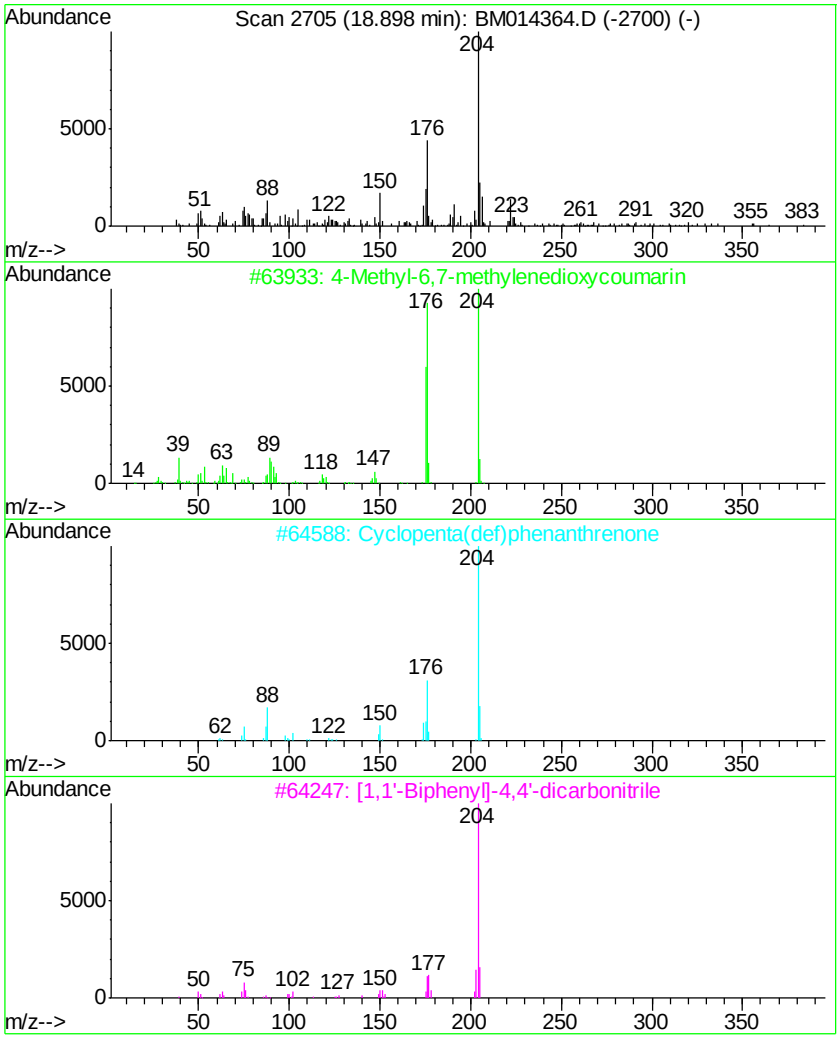
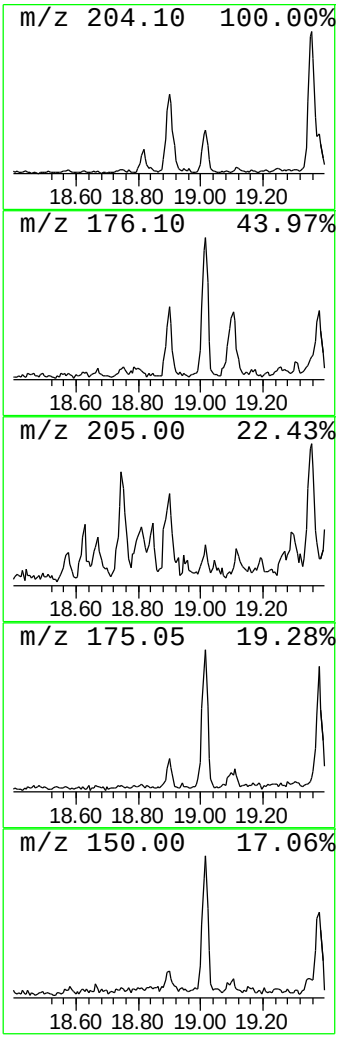
Peak Number 16 4-Methyl-6,7-methylenedioxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.53 ng/ul	464450	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	53
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
4	Mannose, 6-deoxy-2,3,4,5-tetraki...	452	C18H44O5Si4	019127-15-2	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38





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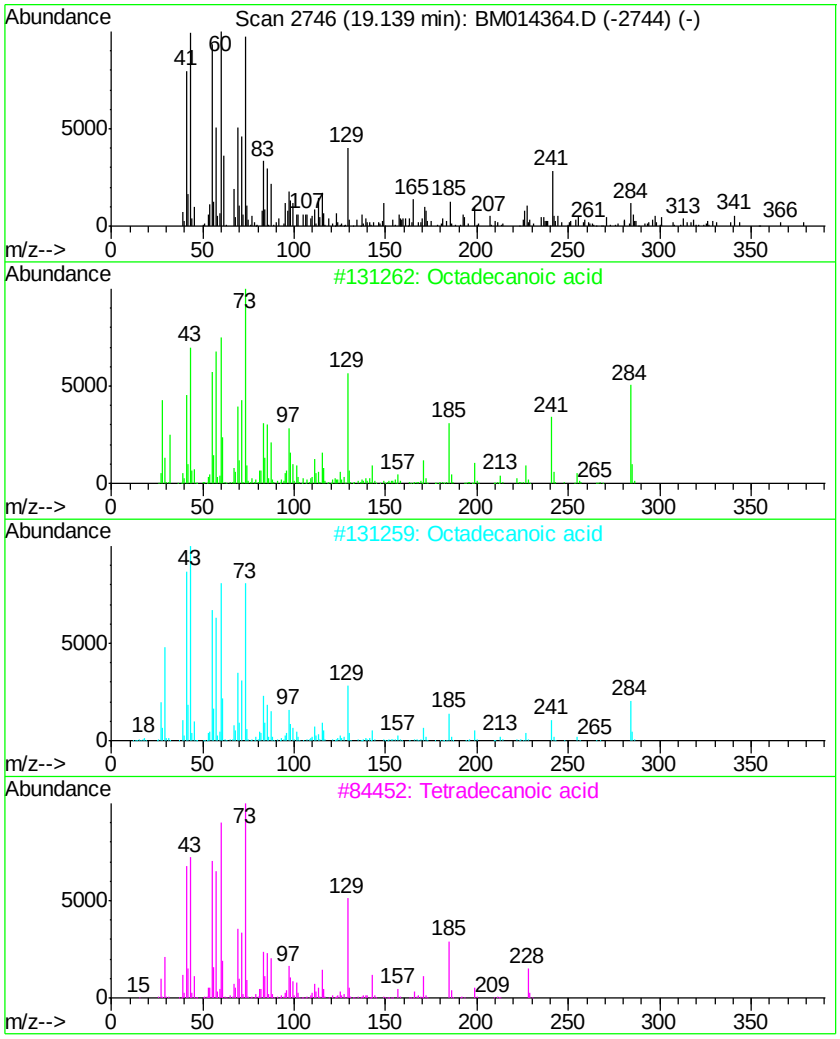
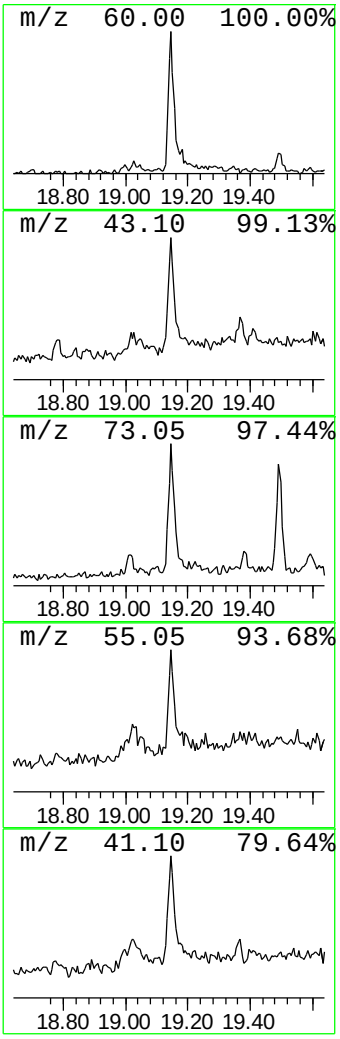
Peak Number 17 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	3.33 ng/ul	649800	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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Peak Number 18 o,p'-DDE Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	21.45 ng/ul	4181370	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
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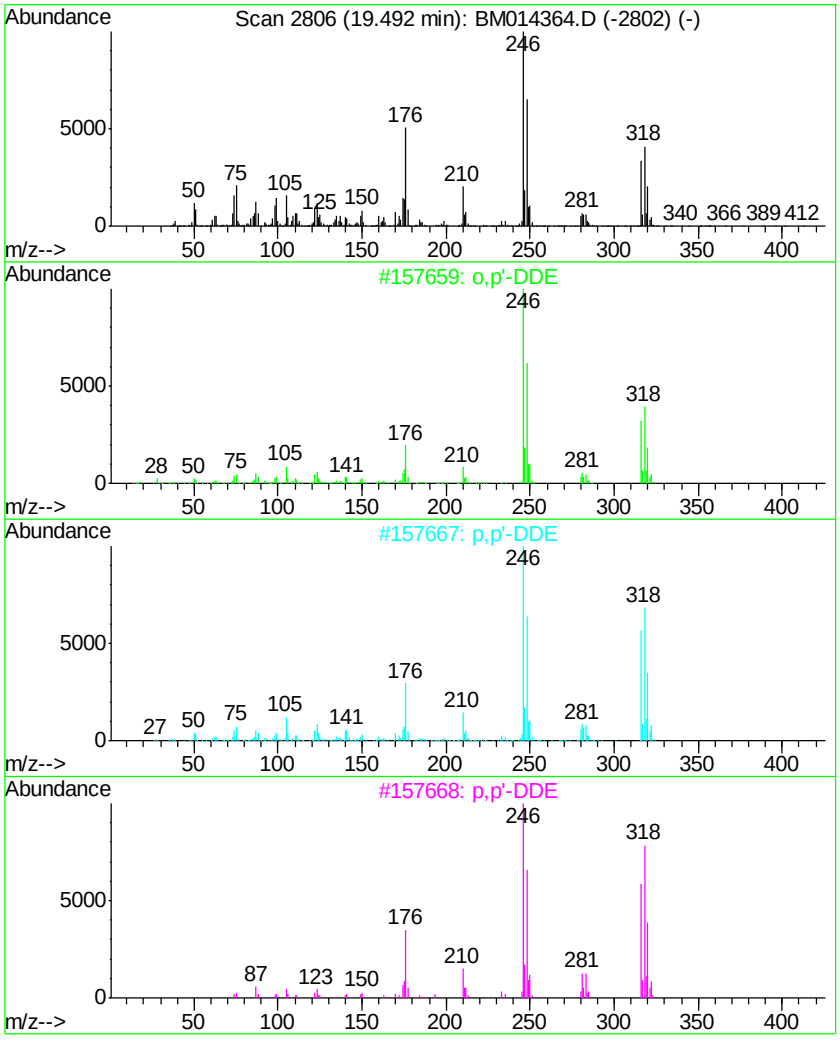
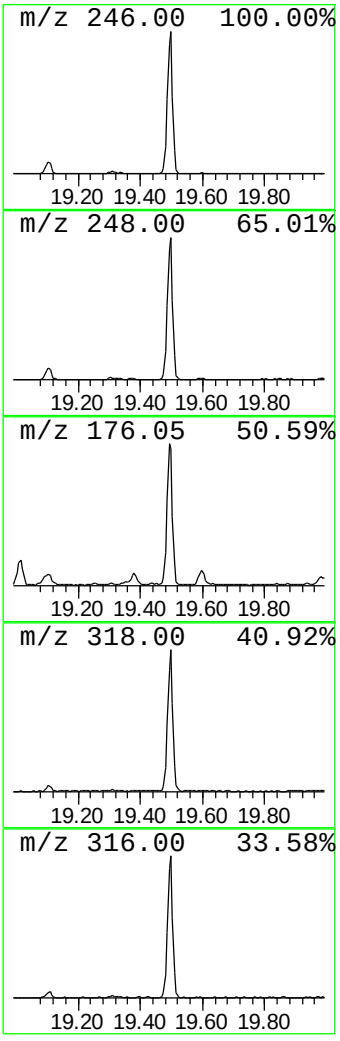
5	p,p'-DDE	316	C14H8Cl4	000072-55-9	96





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Quant Title : SVOA CALIBRATION

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

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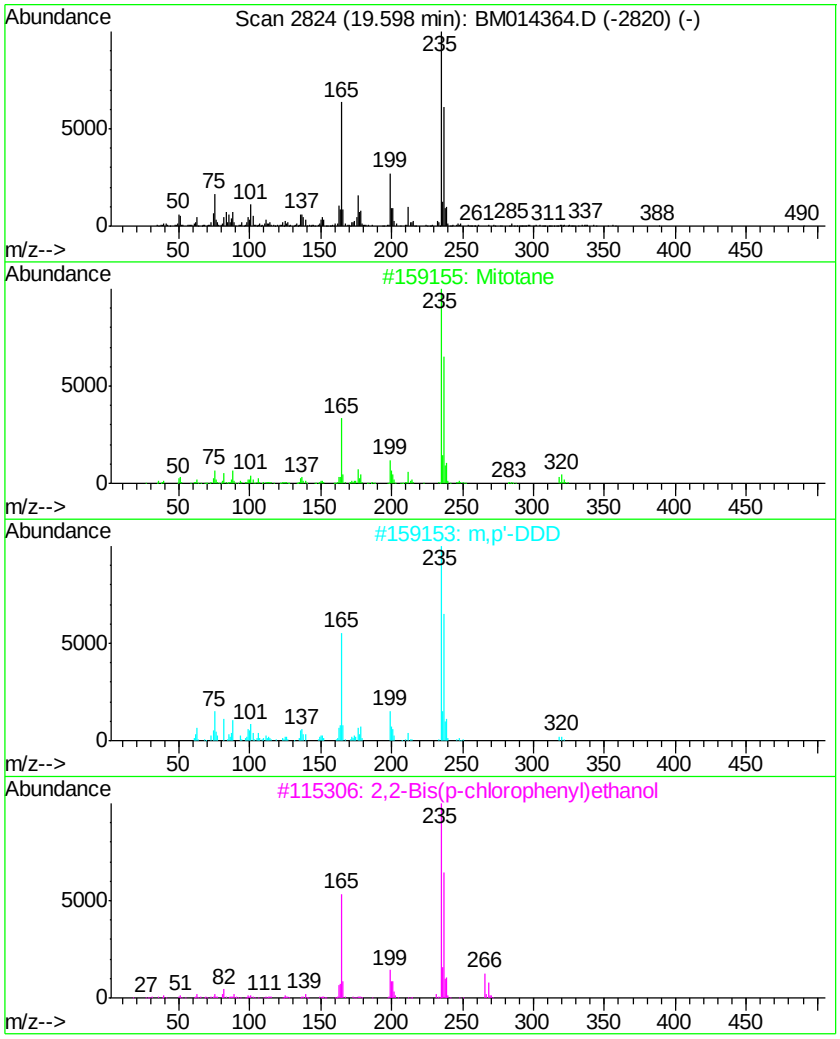
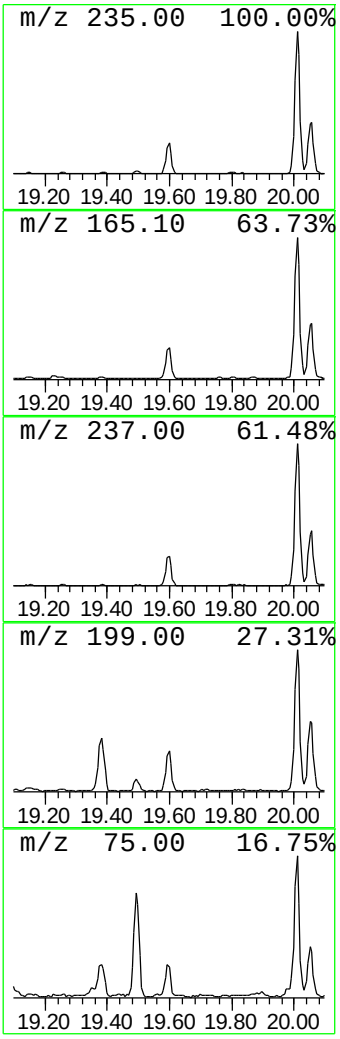
Peak Number 19 Mitotane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	4.25 ng/ul	828611	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	91
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	87
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
4	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	83
5	Mitotane	318	C14H10Cl4	000053-19-0	83





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Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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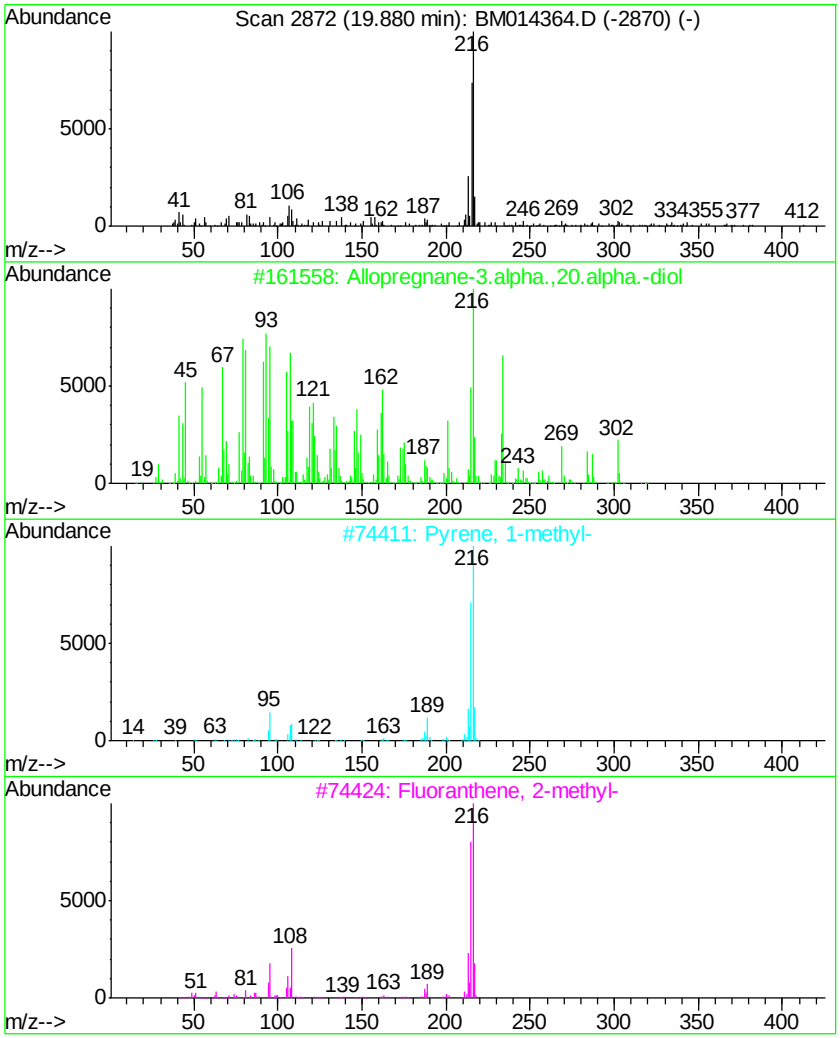
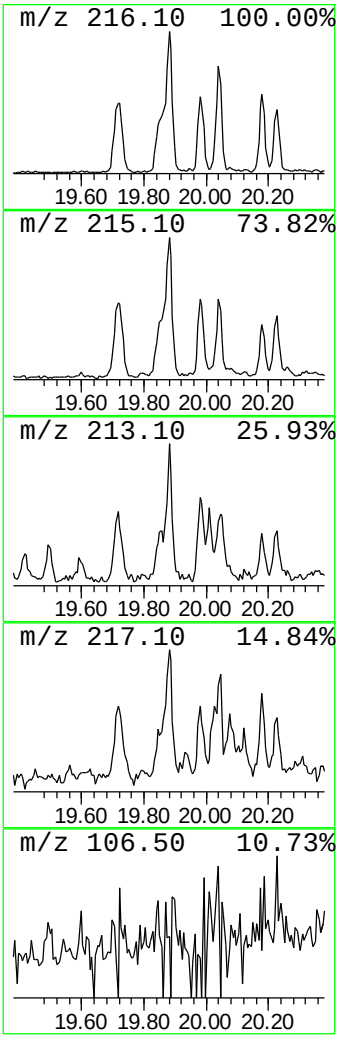
Peak Number 20 Allopregnane-3.alpha.,20.al... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.41 ng/ul	470667	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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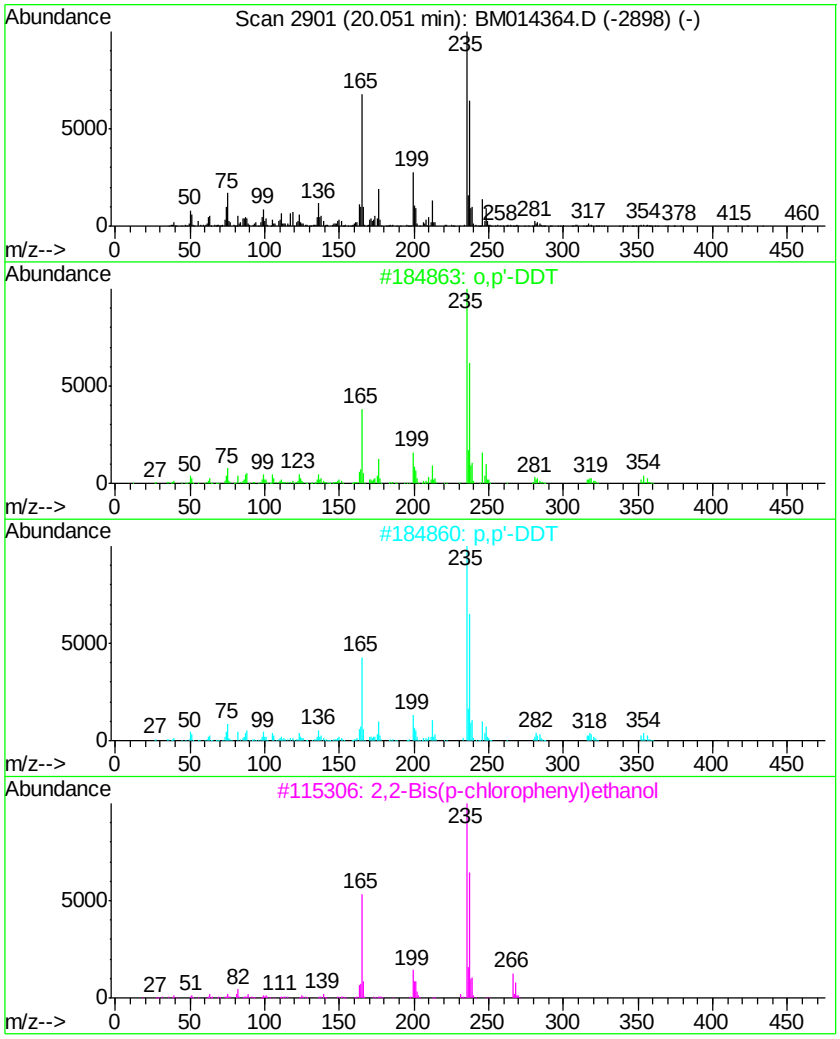
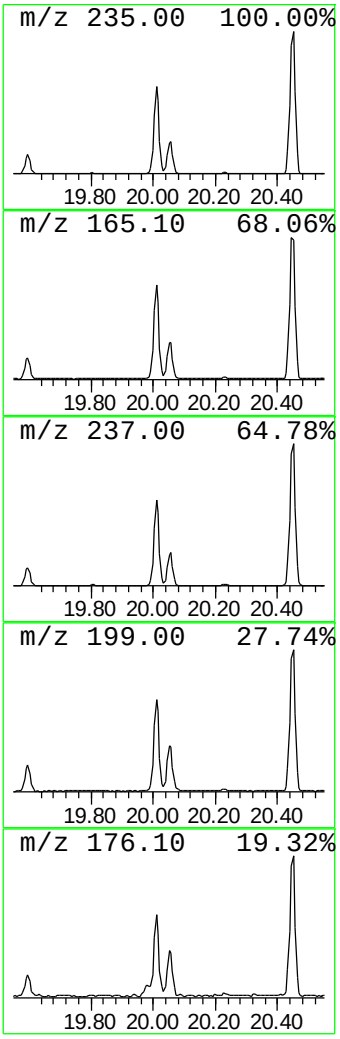
Peak Number 22 o,p'-DDT Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.05	11.84 ng/ul	2307790	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDT	352	C14H9Cl5	000789-02-6	99
2	p,p'-DDT	352	C14H9Cl5	000050-29-3	95
3	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	94
4	o,p'-DDT	352	C14H9Cl5	000789-02-6	93
5	m,p'-DDD	318	C14H10Cl4	004329-12-8	74





Library Search Compound Report

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Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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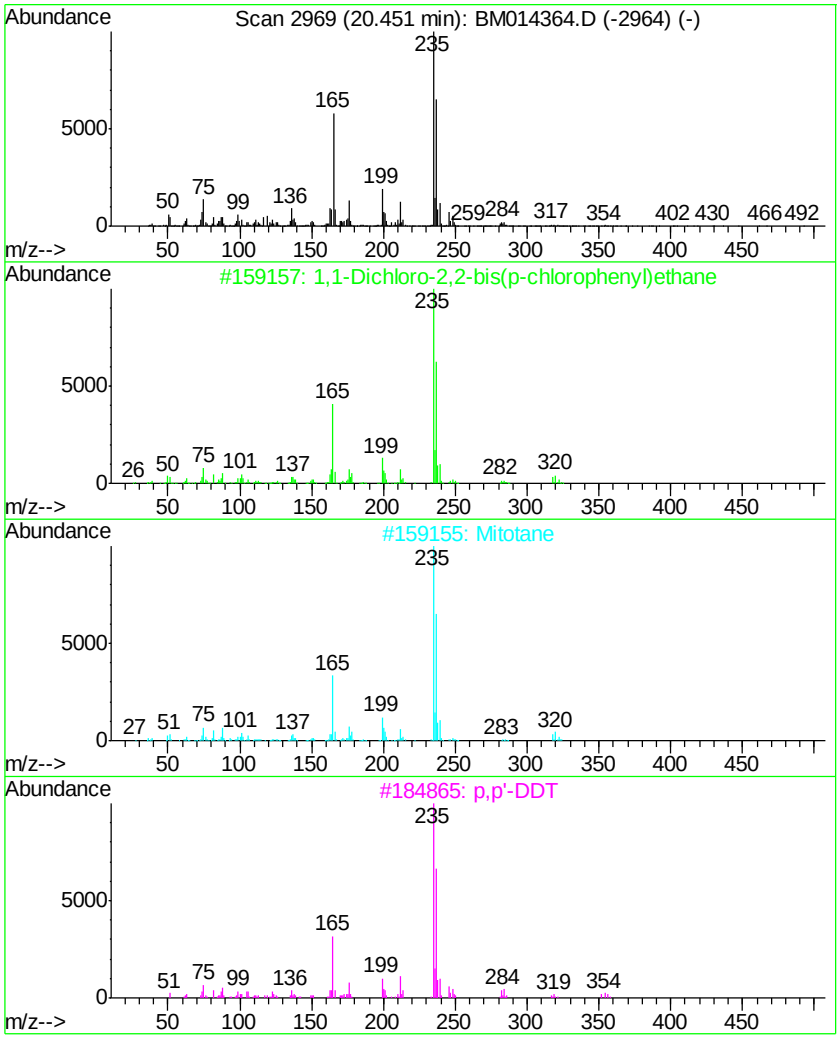
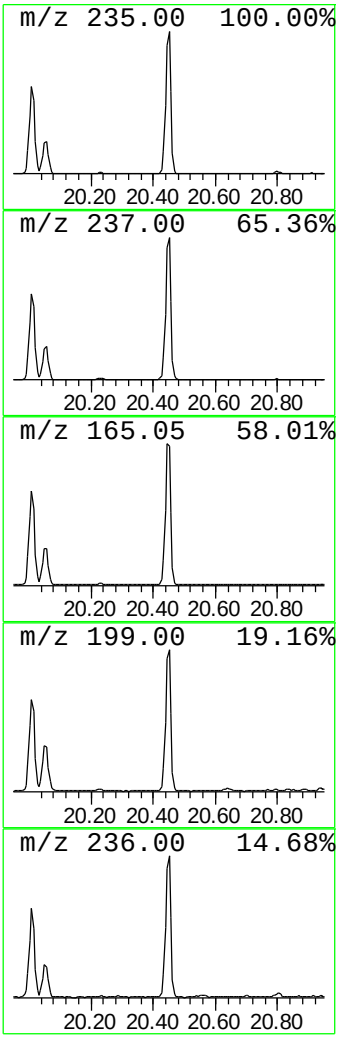
Peak Number 23 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	36.85 ng/ul	7183510	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
2	Mitotane	318	C14H10Cl4	000053-19-0	97
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	95
4	m,p'-DDD	318	C14H10Cl4	004329-12-8	93
5	p,p'-DDT	352	C14H9Cl5	000050-29-3	91





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Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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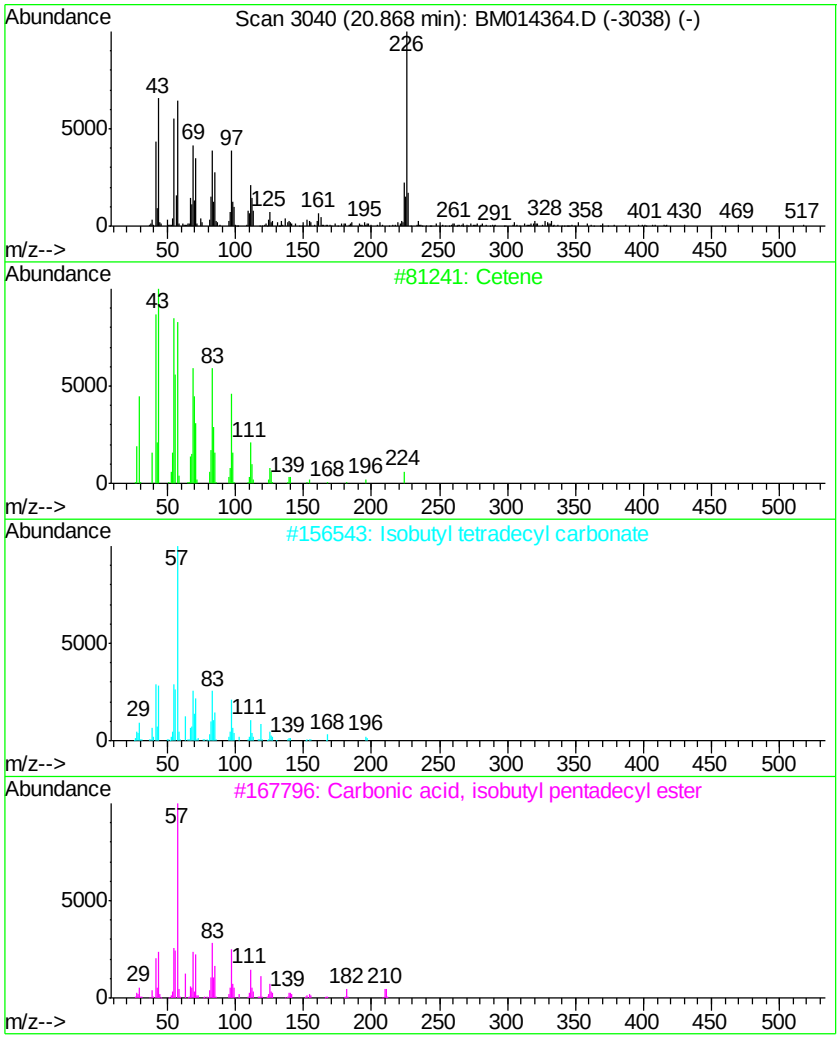
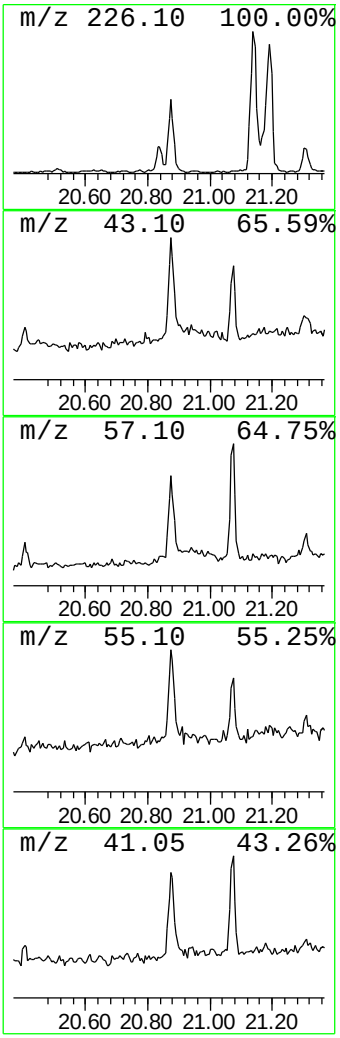
Peak Number 24 (DEL) Alkane: Cyclic20.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.82 ng/ul	939077	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	46
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	45
3	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	43
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	43
5	Cyclohexadecane	224	C16H32	000295-65-8	43





Library Search Compound Report

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Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

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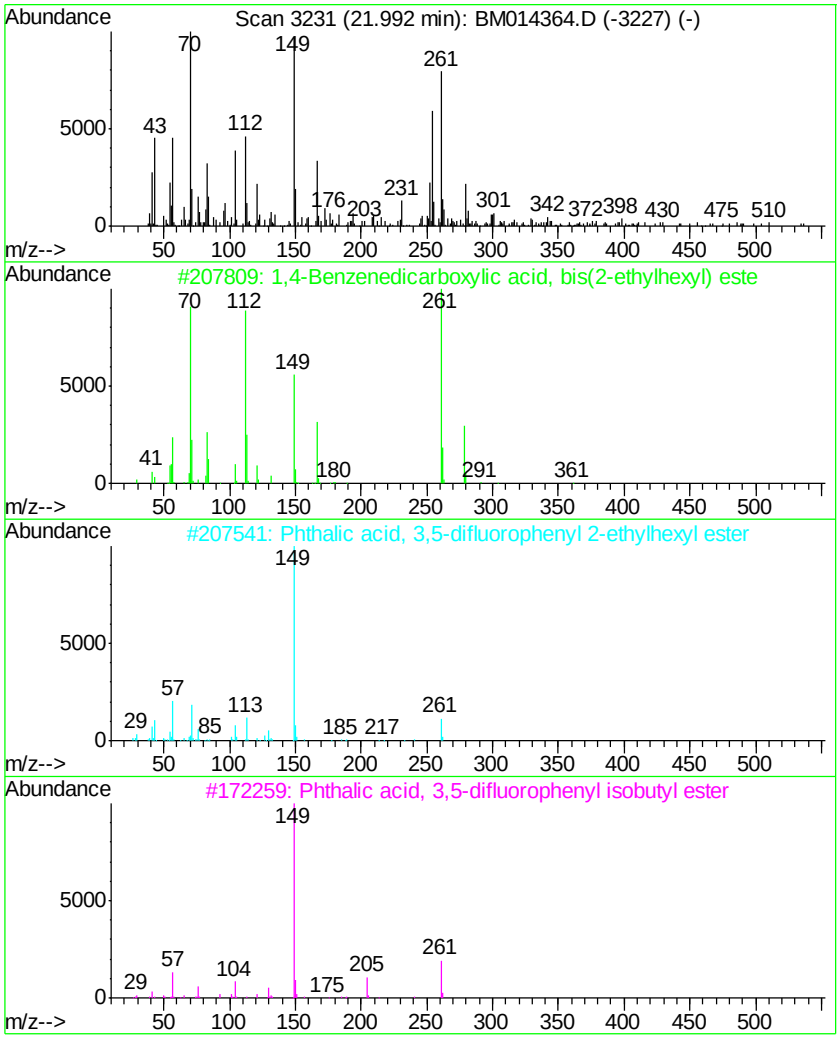
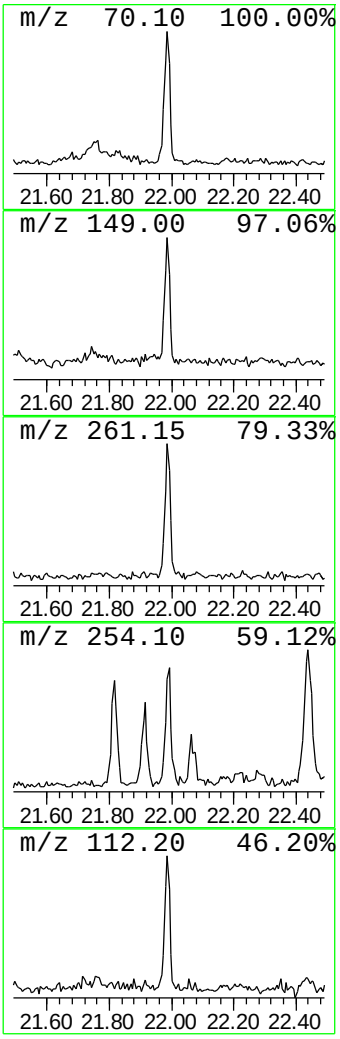
Peak Number 25 unknown-05 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.69 ng/ul	719697	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	38
2	Phthalic acid, 3,5-difluoropheny...	390	C22H24F2O4	1000315-51-3	27
3	Phthalic acid, 3,5-difluoropheny...	334	C18H16F2O4	1000314-97-0	27
4	1-(2-Hydroxymethylpyrrolidin-1-y...	143	C7H13NO2	1000192-83-2	25
5	Phthalic acid, 2-methylpent-3-yl...	362	C22H34O4	1000356-91-3	22





Tentatively Identified Compound (LSC) summary

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Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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
unknown-01	3.60	2.0	ng/ul	103362	1	7.52	1021150	20.0
unknown-02	4.34	2.2	ng/ul	110333	1	7.52	1021150	20.0
unknown-03	4.68	2.8	ng/ul	142334	1	7.52	1021150	20.0
Dodecanoic acid	14.63	3.4	ng/ul	331593	3	14.18	1956010	20.0
Methane, bis(p-ch...	17.46	2.6	ng/ul	265519	4	16.94	2048700	20.0
Phenanthrene, 1-m...	17.82	4.4	ng/ul	452680	4	16.94	2048700	20.0
n-Hexadecanoic acid	17.86	15.1	ng/ul	1545270	4	16.94	2048700	20.0
Phenanthrene, 3-m...	17.95	2.2	ng/ul	223318	4	16.94	2048700	20.0
4H-Cyclopenta[def...	18.01	6.7	ng/ul	684028	4	16.94	2048700	20.0
1a,9b-Dihydro-1H-...	18.05	2.5	ng/ul	256467	4	16.94	2048700	20.0
Naphthalene, 2-ph...	18.33	2.5	ng/ul	257216	4	16.94	2048700	20.0
9,10-Anthracenedione	18.38	2.4	ng/ul	248770	4	16.94	2048700	20.0
Phenanthrene, 3,6...	18.74	2.6	ng/ul	262873	4	16.94	2048700	20.0
unknown-04	18.80	2.2	ng/ul	228439	4	16.94	2048700	20.0
4-Methyl-6,7-meth...	18.90	4.5	ng/ul	464450	4	16.94	2048700	20.0
Octadecanoic acid	19.14	3.3	ng/ul	649800	5	21.16	3899130	20.0
o,p'-DDE	19.49	21.4	ng/ul	4181370	5	21.16	3899130	20.0
Mitotane	19.60	4.3	ng/ul	828611	5	21.16	3899130	20.0
Allopregnane-3.al...	19.88	2.4	ng/ul	470667	5	21.16	3899130	20.0
o,p'-DDT	20.05	11.8	ng/ul	2307790	5	21.16	3899130	20.0
1,1-Dichloro-2,2-...	20.45	36.9	ng/ul	7183510	5	21.16	3899130	20.0
(DEL) Alkane: Cyc...	20.87	4.8	ng/ul	939077	5	21.16	3899130	20.0
unknown-05	21.99	3.7	ng/ul	719697	5	21.16	3899130	20.0