LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.887	29	34	40	rVV	1431717	1757282	13.87%	1.406%
2	6.834	698	705	720	rBB2	111149	206873	1.63%	0.165%
3	7.669	838	847	853	rBB	247421	390622	3.08%	0.312%
4	8.375	961	967	973	rBV	140107	218293	1.72%	0.175%
5	10.081	1251	1257	1265	rVB	151111	242738	1.92%	0.194%
6	10.457	1310	1321	1325	rBV	321796	578145	4.56%	0.463%
7	10.510	1325	1330	1337	rVB	1375770	2237130	17.66%	1.790%
8	10.598	1337	1345	1356	rBV2	106110	233377	1.84%	0.187%
9	12.128	1593	1605	1612	rVB	810171	1268241	10.01%	1.015%
10	12.351	1635	1643	1652	rVB	571420	928880	7.33%	0.743%
11	13.151	1769	1779	1784	rBV	307744	499399	3.94%	0.400%
12	13.480	1826	1835	1836	rBV	272931	381243	3.01%	0.305%
13	13.639	1856	1862	1867	rVV	460914	808238	6.38%	0.647%
14	13.692	1867	1871	1875	rVV	324288	506789	4.00%	0.405%
15	13.733	1875	1878	1882	rVV	245141	324762	2.56%	0.260%
16	13.774	1882	1885	1893	rVB3	145595	265302	2.09%	0.212%
17	13.880	1898	1903	1906	rVV	227019	358465	2.83%	0.287%
18	14.016	1921	1926	1927	rBV	290363	360915	2.85%	0.289%
19	14.045	1927	1931	1942	rVB	996588	1533810	12.11%	1.227%
20	14.321	1968	1978	1984	rBV3	458593	976197	7.71%	0.781%
21	14.386	1984	1989	1997	rVV2	362881	640615	5.06%	0.512%
22	14.533	2007	2014	2022	rVB	155345	325357	2.57%	0.260%
23	14.721	2036	2046	2053	rVV	874604	1350277	10.66%	1.080%
24	14.798	2054	2059	2063	rVB	161859	223267	1.76%	0.179%
25	14.939	2075	2083	2088	rBV3	150189	331257	2.61%	0.265%
26	15.116	2104	2113	2116	rBV2	133742	273816	2.16%	0.219%
27	15.192	2121	2126	2132	rVB2	95868	193317	1.53%	0.155%
28	15.321	2141	2148	2152	rVV2	400485	662087	5.23%	0.530%
29	15.374	2152	2157	2168	rVV	1435960	2204913	17.40%	1.764%
30	15.580	2188	2192	2201	rVV4	127896	220885	1.74%	0.177%
31	15.668	2202	2207	2213	rVB	267184	408000	3.22%	0.326%
32	15.816	2223	2232	2239	rVB2	288298	635938	5.02%	0.509%
33	16.051	2265	2272	2278	rBV2	256219	482246	3.81%	0.386%
34	16.374	2319	2327	2332	rBV2	244421	520260	4.11%	0.416%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	16.427	2332	2336	2342	rVB2	155907	228536	1.80%	0.183%
36	16.527	2349	2353	2358	rVB2	136552	197175	1.56%	0.158%
37	16.604	2359	2366	2370	rBV2	119453	242930	1.92%	0.194%
38	16.727	2383	2387	2394	rVB	218364	337025	2.66%	0.270%
39	16.804	2395	2400	2407	rVV2	126057	298339	2.35%	0.239%
40	16.892	2409	2415	2423	rVB	417791	745793	5.89%	0.597%
41	17.074	2441	2446	2449	rBV	487641	841069	6.64%	0.673%
42	17.127	2449	2455	2460	rVV	8495180	12669022	100.00%	10.135%
43	17.174	2460	2463	2465	rVV	439365	577450	4.56%	0.462%
44	17.210	2465	2469	2474	rVV	2003834	2696158	21.28%	2.157%
45	17.262	2474	2478	2483	rVB3	134484	242423	1.91%	0.194%
46	17.480	2510	2515	2526	rVV	401619	572889	4.52%	0.458%
47	17.651	2540	2544	2551	rVB2	202562	324140	2.56%	0.259%
48	17.792	2564	2568	2578	rVB	103624	197968	1.56%	0.158%
49	17.945	2589	2594	2599	rVV	835303	1313871	10.37%	1.051%
50	17.998	2599	2603	2609	rVB	1089362	1489931	11.76%	1.192%
51	18.074	2612	2616	2621	rVV	389589	561981	4.44%	0.450%
52	18.145	2621	2628	2632	rVV2	1444693	2644190	20.87%	2.115%
53	18.180	2632	2634	2642	rVB	653354	705515	5.57%	0.564%
54	18.451	2675	2680	2684	rVV	652701	882258	6.96%	0.706%
55	18.498	2684	2688	2693	rVB3	240426	359317	2.84%	0.287%
56	18.698	2719	2722	2726	rVV	165723	257603	2.03%	0.206%
57	18.745	2727	2730	2734	rVV	173281	255096	2.01%	0.204%
58	18.786	2734	2737	2741	rVB	152708	200194	1.58%	0.160%
59	18.868	2746	2751	2758	rBV2	432554	940030	7.42%	0.752%
60	18.933	2758	2762	2765	rVV2	245728	439330	3.47%	0.351%
61	18.968	2765	2768	2771	rVB	165662	201932	1.59%	0.162%
62	19.015	2772	2776	2784	rBV3	261262	548738	4.33%	0.439%
63	19.151	2791	2799	2803	rBV	8328570	11989571	94.64%	9.592%
64	19.239	2811	2814	2818	rVB3	152808	202174	1.60%	0.162%
65	19.292	2818	2823	2827	rBV	640184	823770	6.50%	0.659%
66	19.386	2835	2839	2841	rBV	151624	205983	1.63%	0.165%
67	19.515	2855	2861	2867	rVB	7711884	11496293	90.74%	9.197%
68	19.574	2867	2871	2877	rVB2	308362	467868	3.69%	0.374%
69	19.680	2885	2889	2894	rVB	308041	434741	3.43%	0.348%
70	19.745	2896	2900	2905	rVB2	168484	253240	2.00%	0.203%
71	19.827	2908	2914	2921	rBV2	408123	1007427	7.95%	0.806%

LSC Area Percent Report

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Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	19.968	2932	2938	2939	rBV4	328074	580334	4.58%	0.464%
73	19.998	2939	2943	2949	rVB	989223	1441681	11.38%	1.153%
74	20.098	2956	2960	2964	rBV	783934	974925	7.70%	0.780%
75	20.156	2964	2970	2974	rVB2	585859	900776	7.11%	0.721%
76	20.250	2981	2986	2990	rBV5	114323	226232	1.79%	0.181%
77	20.298	2990	2994	2997	rVV	395015	516615	4.08%	0.413%
78	20.345	2998	3002	3006	rVB	394558	525589	4.15%	0.420%
79	20.703	3060	3063	3066	rBV2	124946	187599	1.48%	0.150%
80	20.745	3067	3070	3077	rVB	337827	516754	4.08%	0.413%
81	20.915	3095	3099	3102	rVV2	323003	434079	3.43%	0.347%
82	20.950	3102	3105	3108	rVV	488537	619044	4.89%	0.495%
83	20.992	3108	3112	3117	rVV2	530579	887272	7.00%	0.710%
84	21.045	3117	3121	3129	rVB2	401450	614799	4.85%	0.492%
85	21.256	3152	3157	3162	rBV3	4136823	6585119	51.98%	5.268%
86	21.309	3162	3166	3175	rVB	3115042	4156938	32.81%	3.326%
87	21.421	3181	3185	3190	rBV	605471	827327	6.53%	0.662%
88	21.474	3191	3194	3198	rVB	297550	373643	2.95%	0.299%
89	21.580	3208	3212	3217	rBV2	314489	497290	3.93%	0.398%
90	21.809	3245	3251	3255	rBV	551778	962992	7.60%	0.770%
91	21.862	3258	3260	3265	rVB	283799	339251	2.68%	0.271%
92	22.009	3282	3285	3288	rBV	274877	360523	2.85%	0.288%
93	22.839	3419	3426	3430	rBV	2338020	5231163	41.29%	4.185%
94	23.003	3449	3454	3459	rVB	555423	892849	7.05%	0.714%
95	23.315	3500	3507	3512	rBV	1405852	2651402	20.93%	2.121%
96	23.415	3517	3524	3530	rVB	2466585	4447057	35.10%	3.558%
97	23.503	3534	3539	3543	rVV	499785	1014845	8.01%	0.812%
98	23.550	3543	3547	3554	rVB	789092	1444132	11.40%	1.155%
99	25.762	3914	3923	3933	rVB	1183108	3471612	27.40%	2.777%
100	26.462	4033	4042	4059	rVB	871253	2917283	23.03%	2.334%

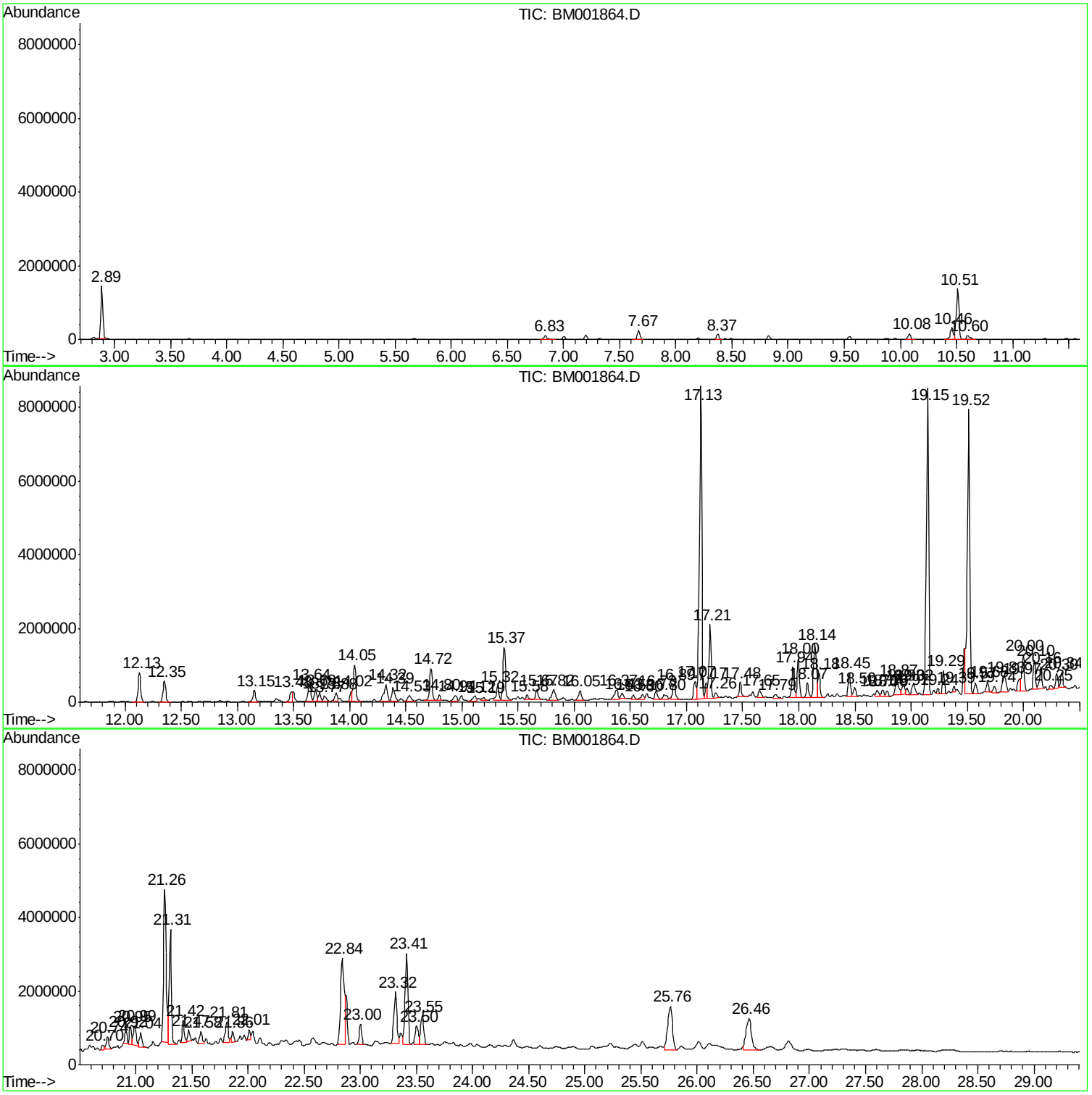
Sum of corrected areas: 125000031

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

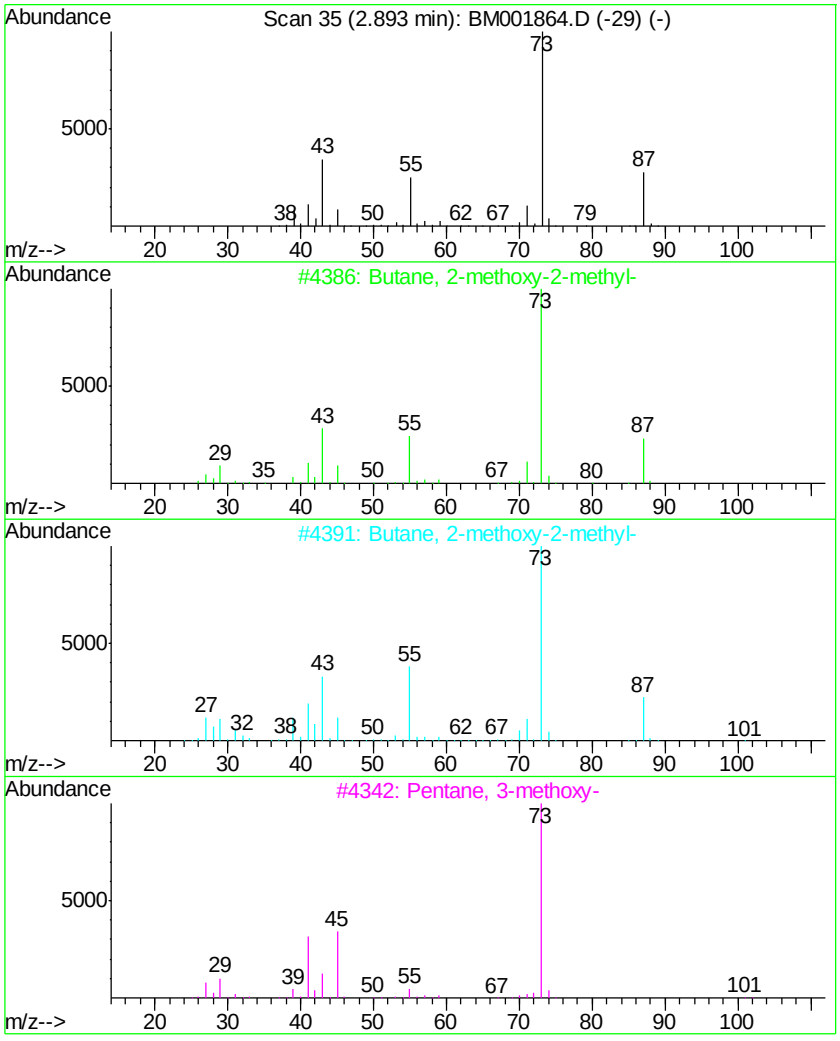
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

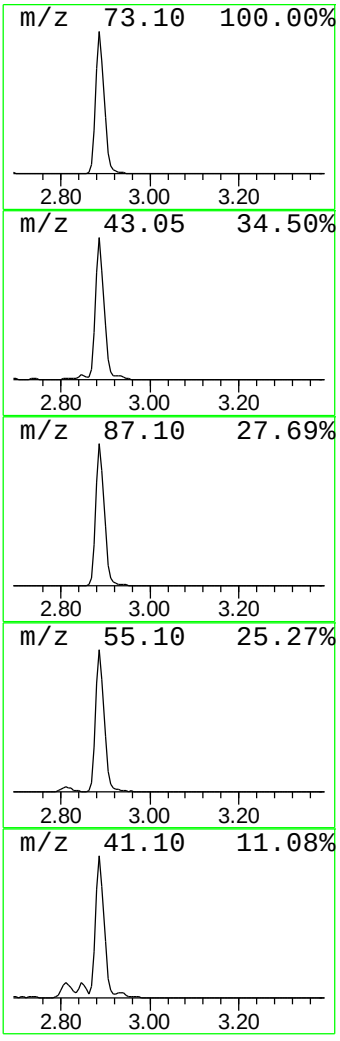
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	89.97 ng/ul	1757280	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

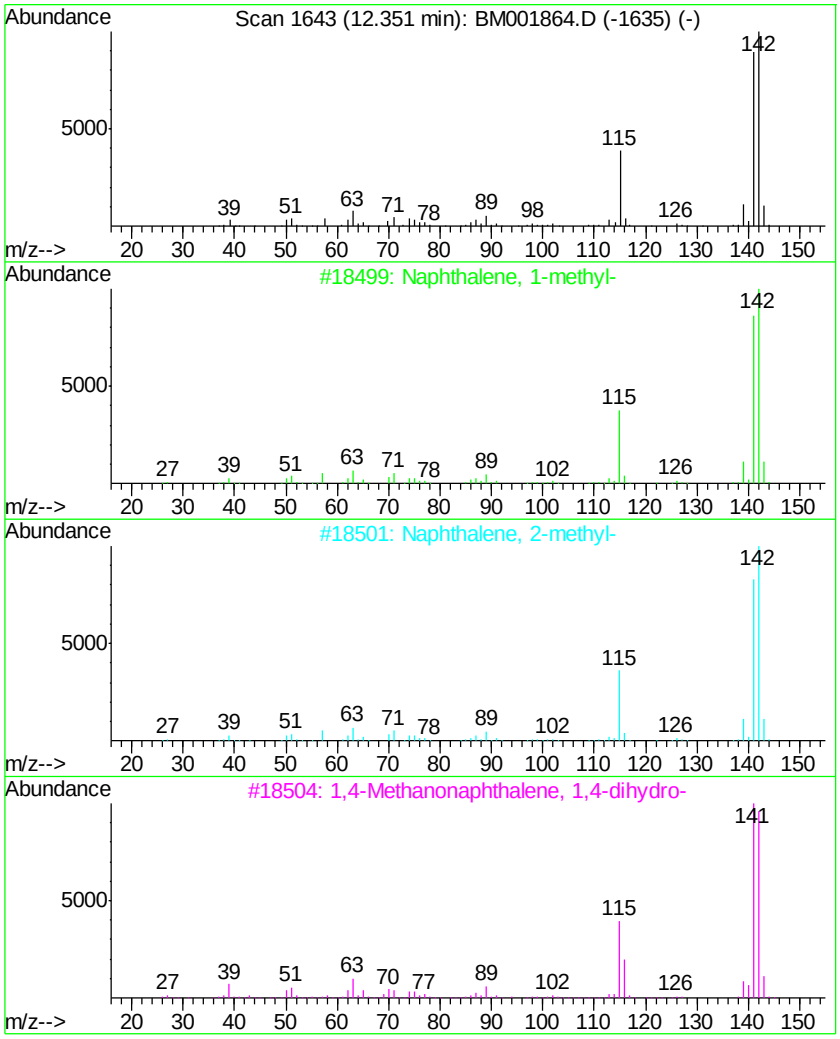
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

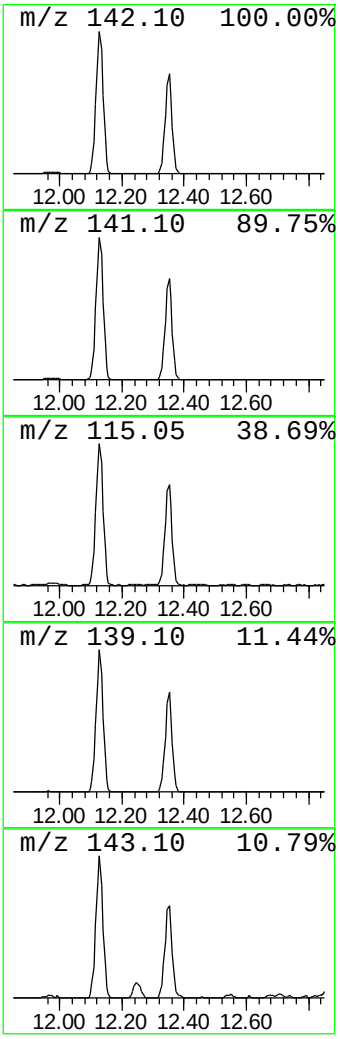
****

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	32.13 ng/ul	928880	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

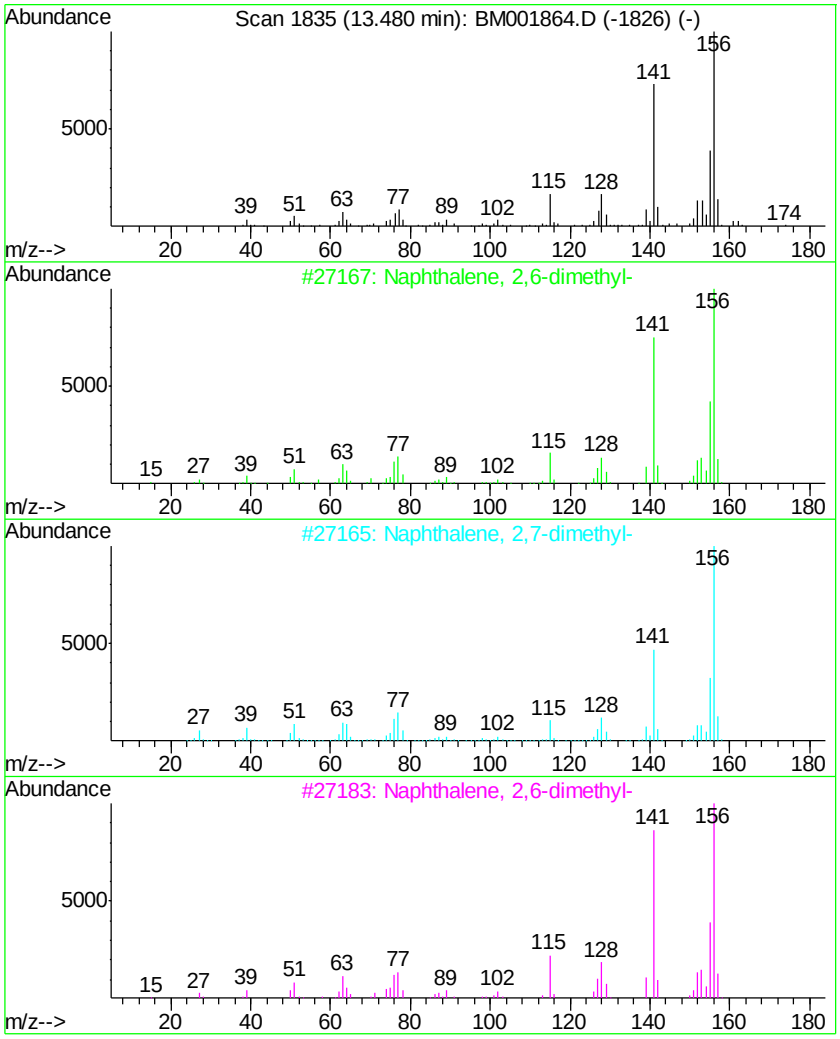
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

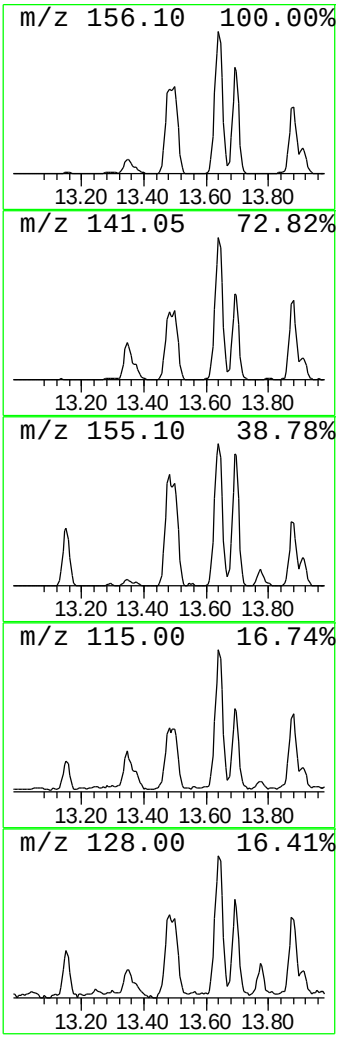
****

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	7.81 ng/ul	381243	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

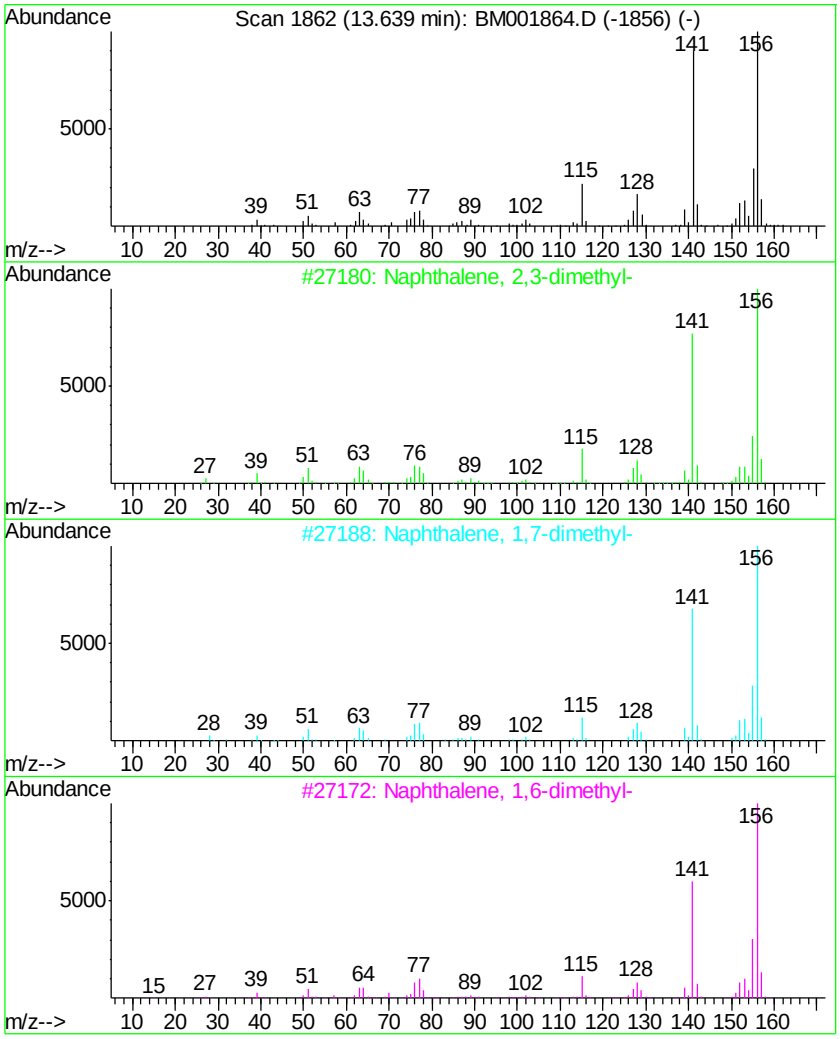
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

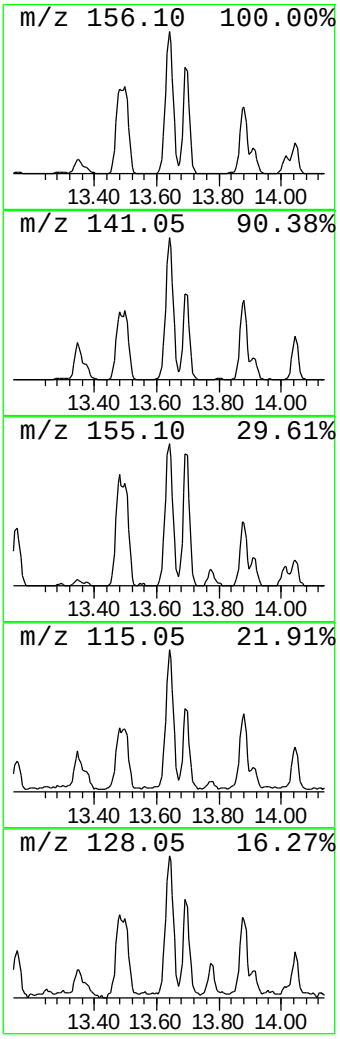
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	16.56 ng/ul	808238	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

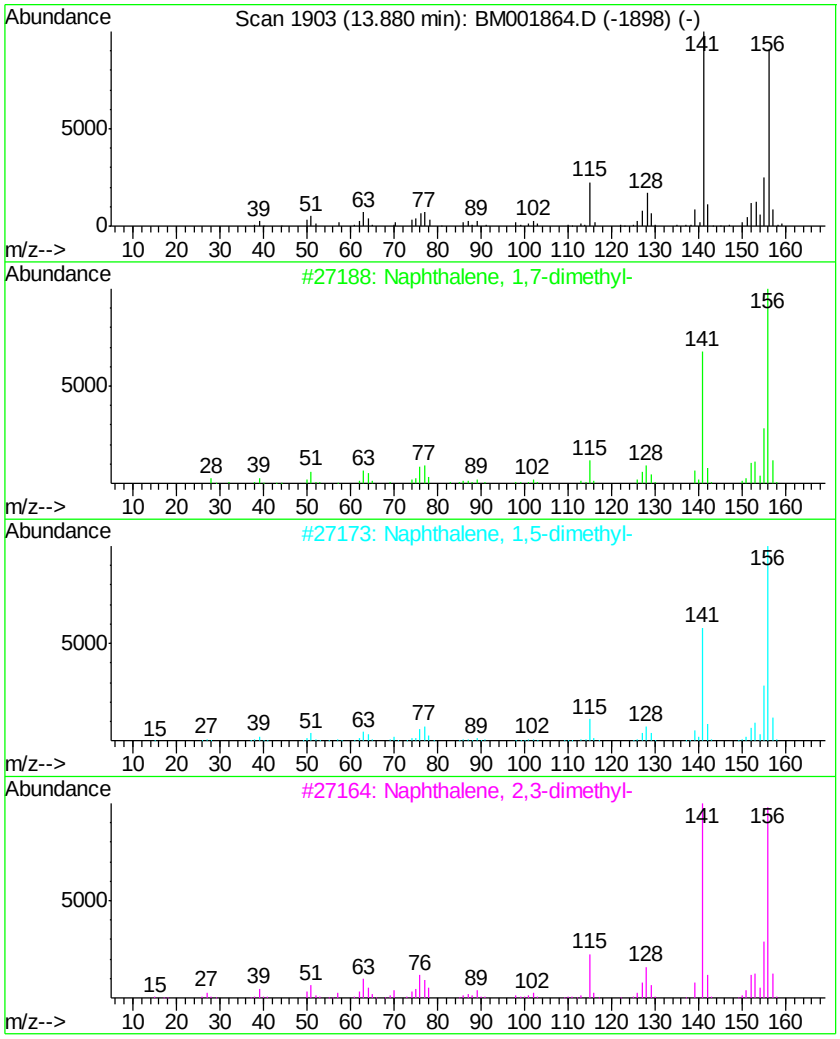
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

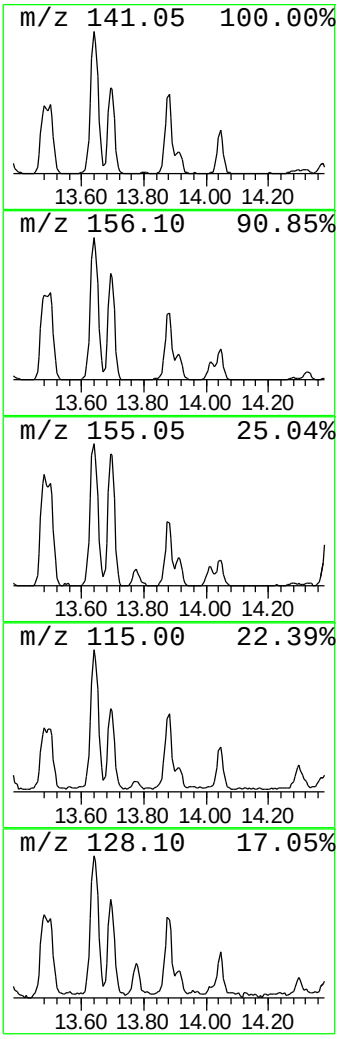
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	7.34 ng/ul	358465	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

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Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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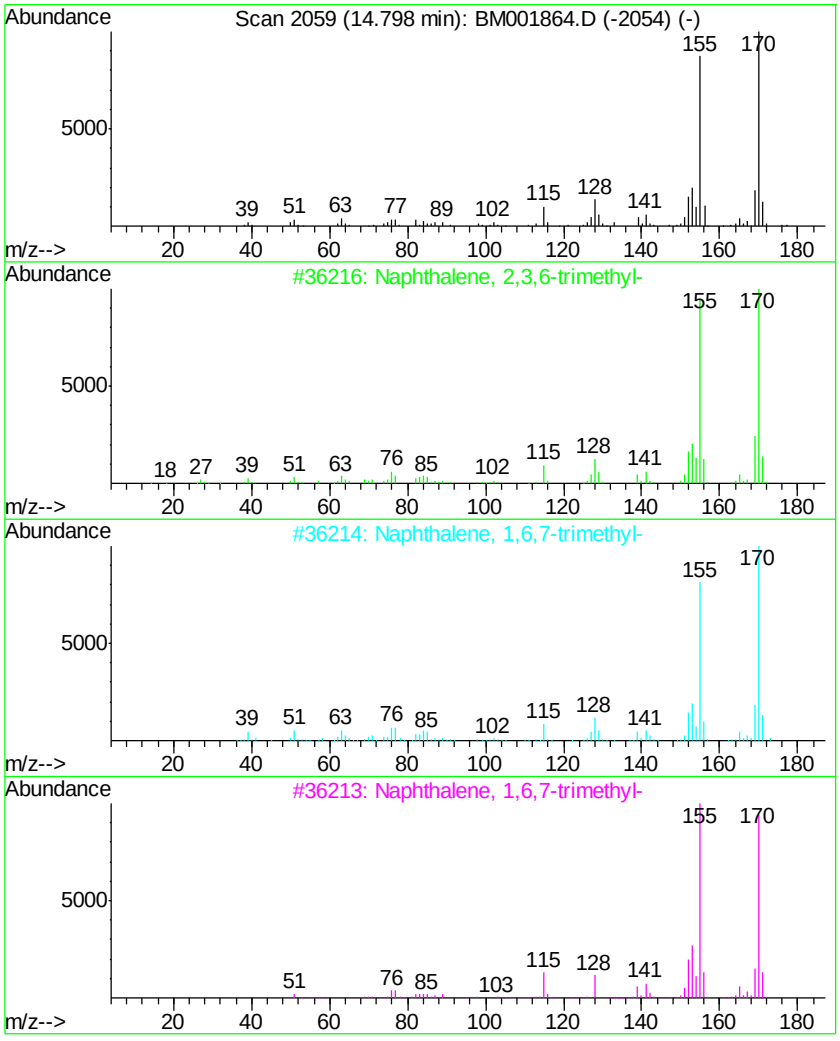
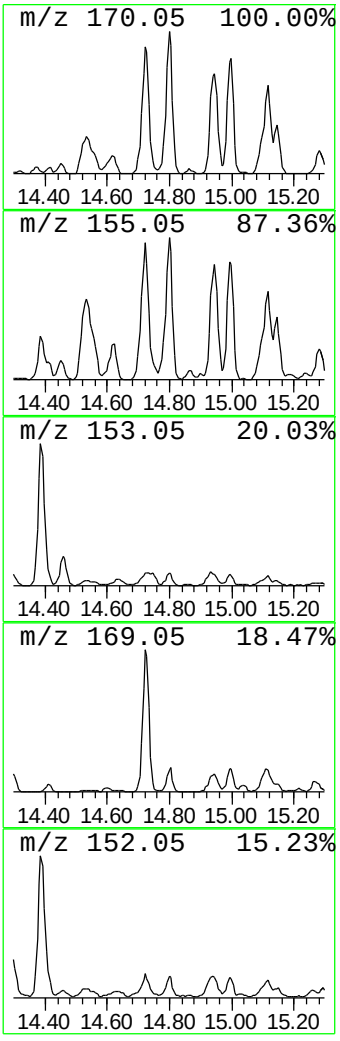
Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.57 ng/ul	223267	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





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Instrument : BNA_M
ClientSampleId : G93L8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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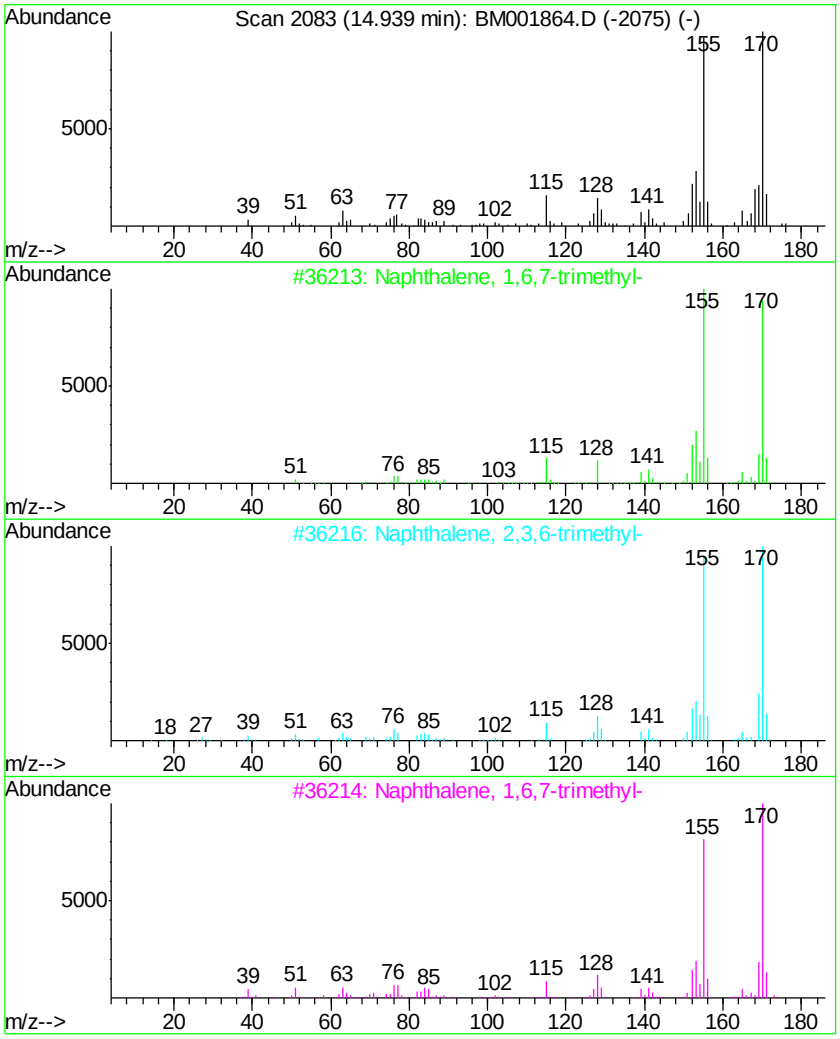
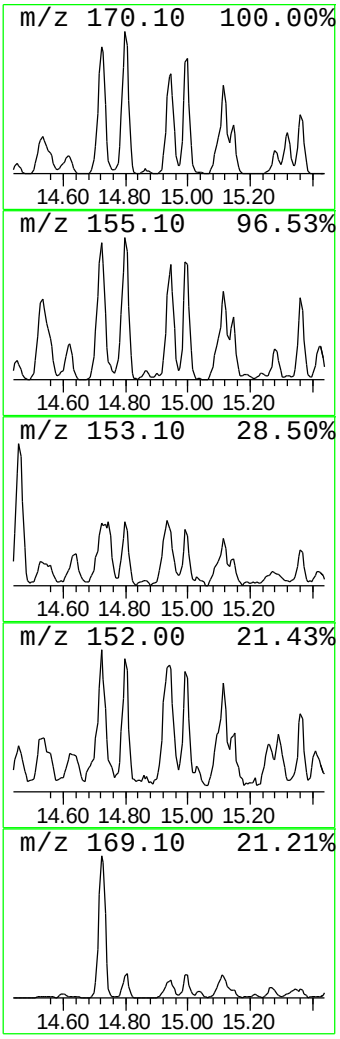
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	6.79 ng/ul	331257	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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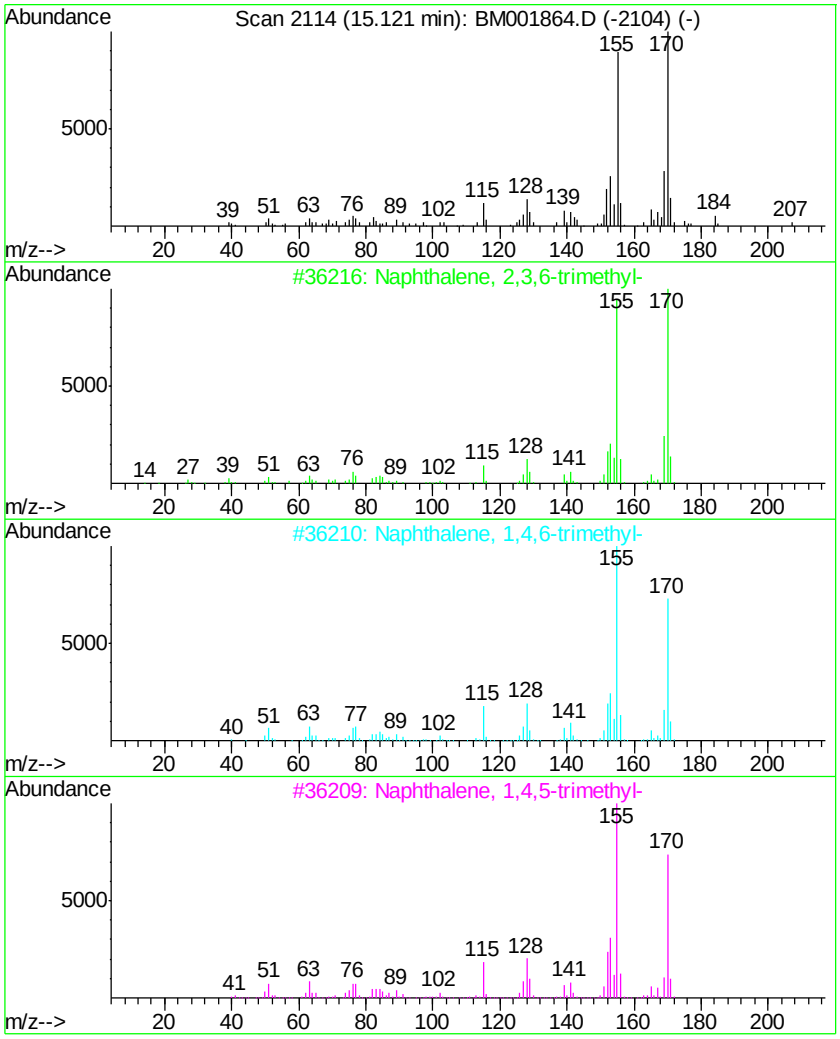
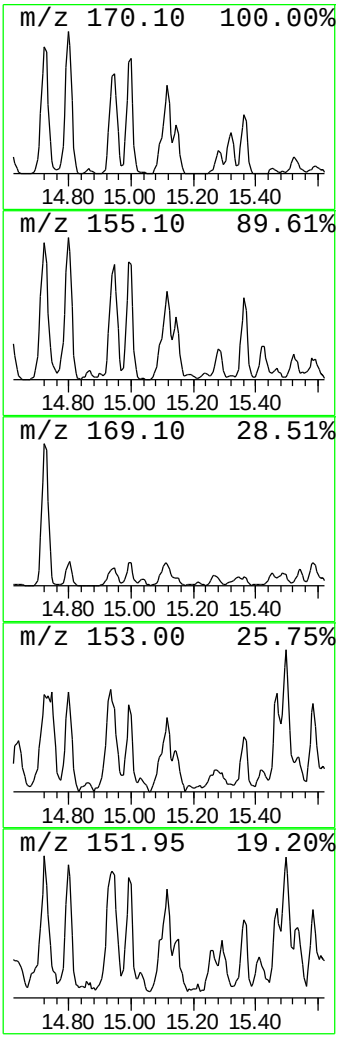
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	5.61 ng/ul	273816	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





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ClientSampleId : G93L8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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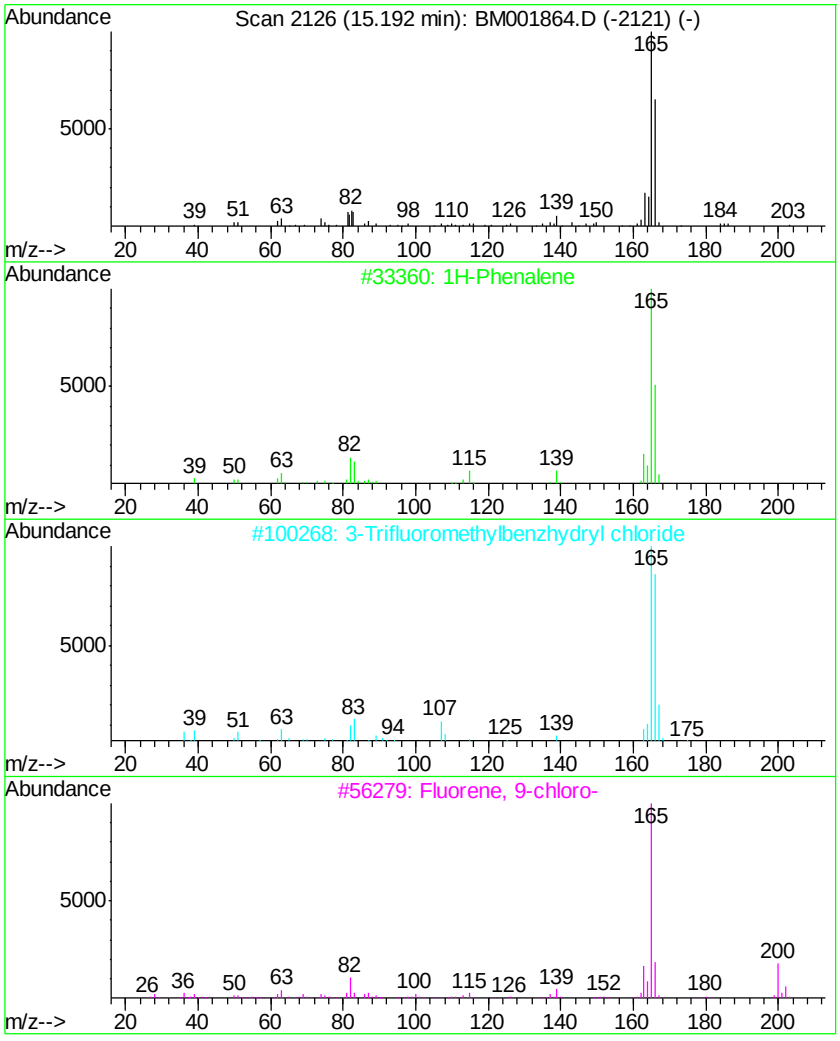
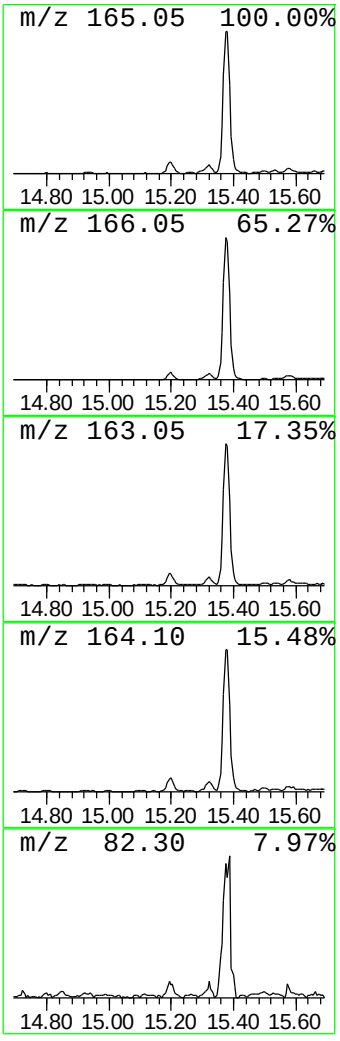
Peak Number 9 1H-Phenalene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	3.96 ng/ul	193317	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	72
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	59
4	Fluorene-9-methanol	196	C14H12O	024324-17-2	56
5	Fluorene-9-methanol	196	C14H12O	024324-17-2	56





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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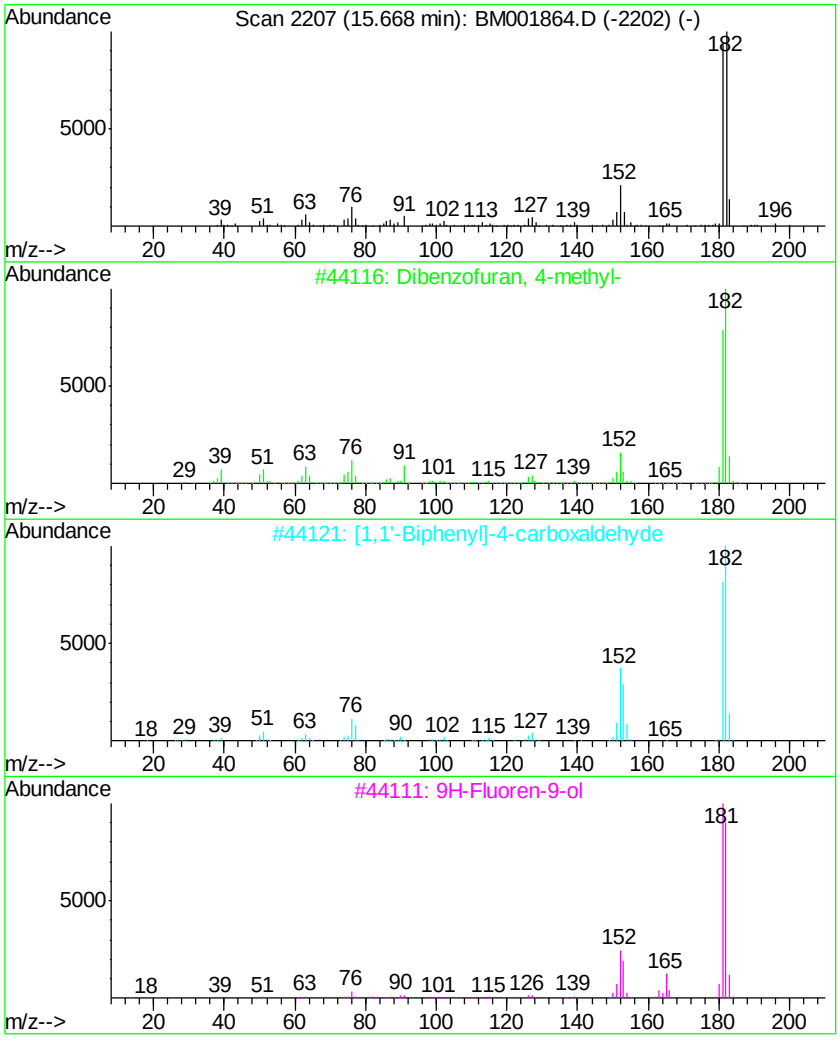
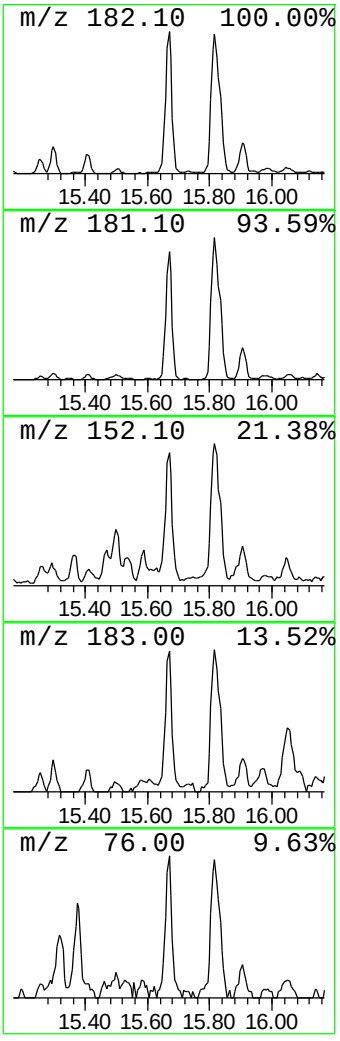
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	8.36 ng/ul	408000	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	72





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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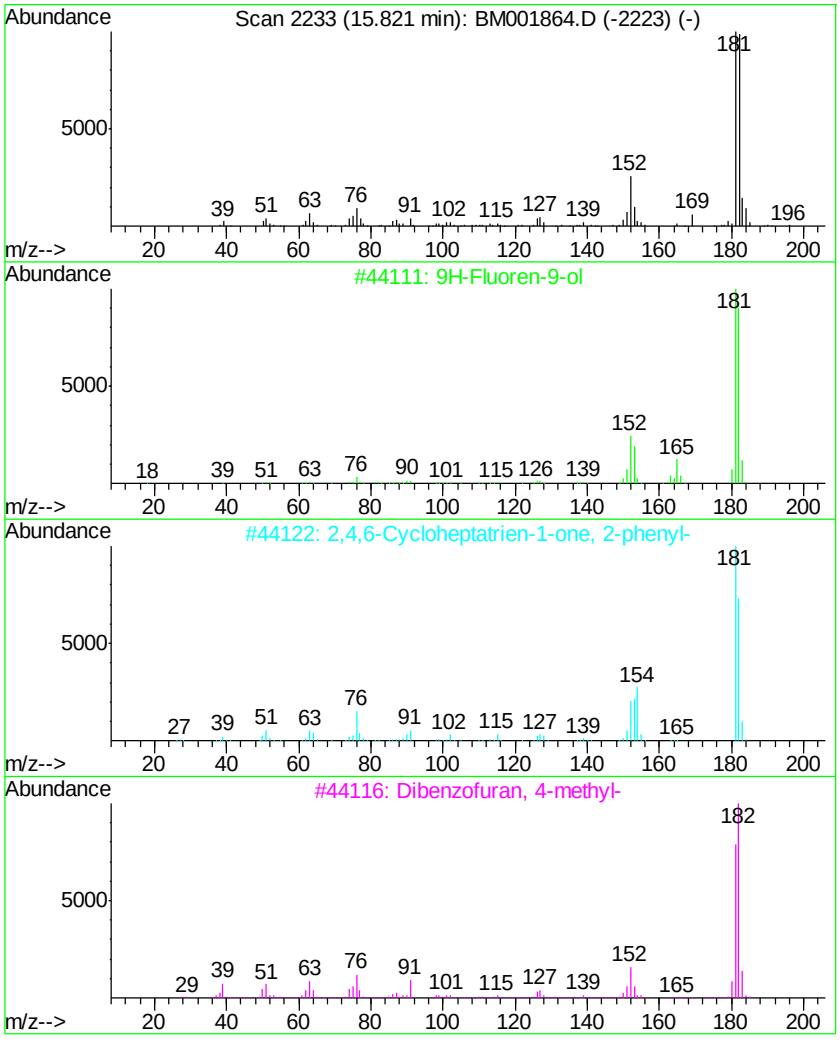
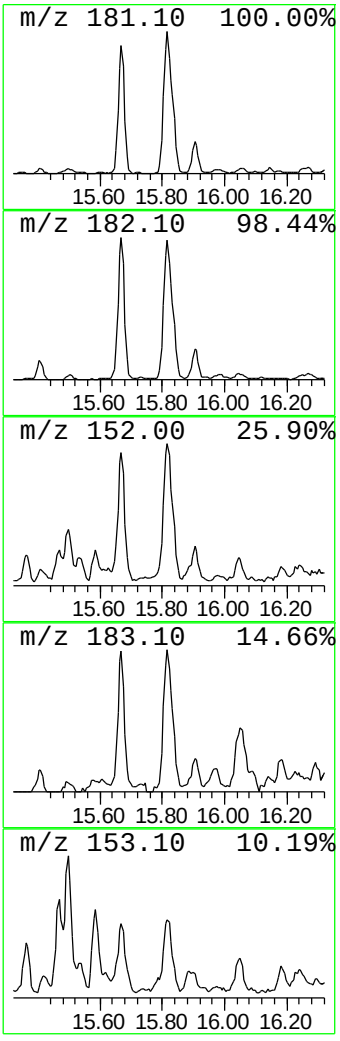
Peak Number 12 9H-Fluoren-9-ol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	15.12 ng/ul	635938	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Sample : G2861-14
Misc :
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Instrument : BNA_M
ClientSampleId : G93L8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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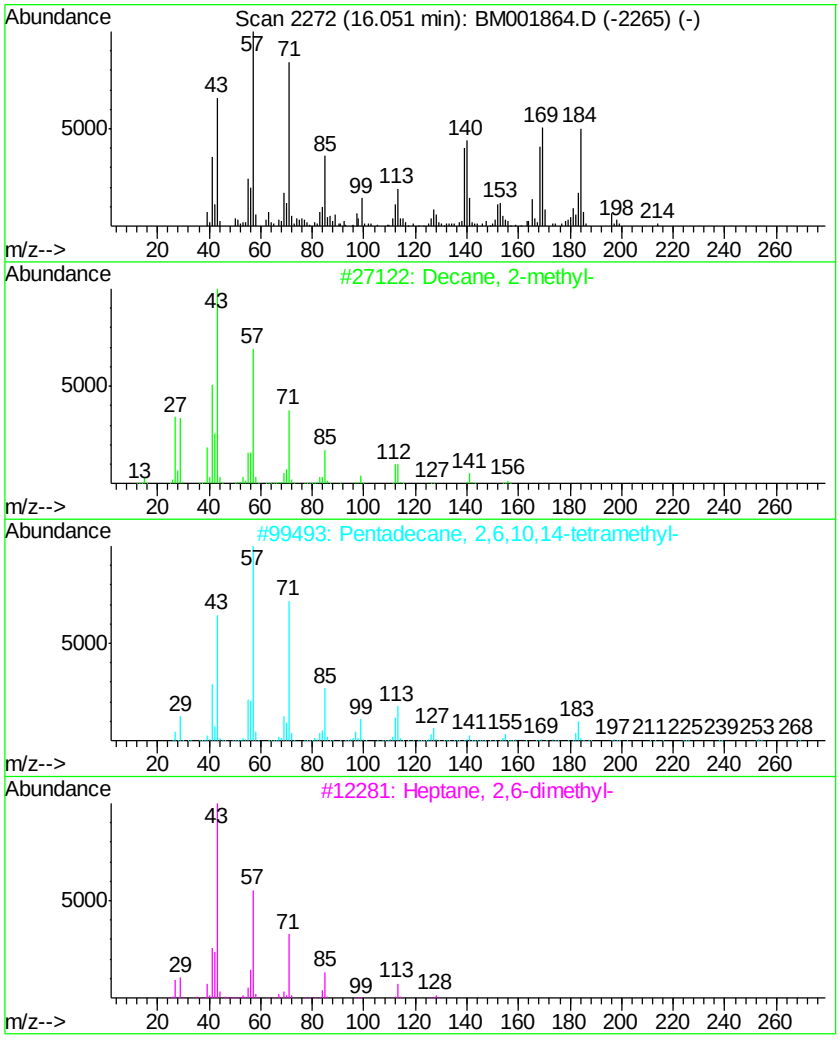
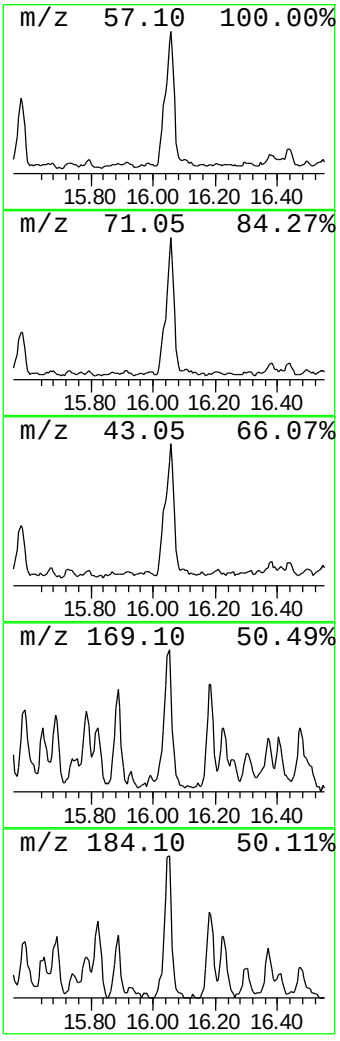
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	11.47 ng/ul	482246	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	38
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	38
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38
5	Decane, 2-methyl-	156	C11H24	006975-98-0	38





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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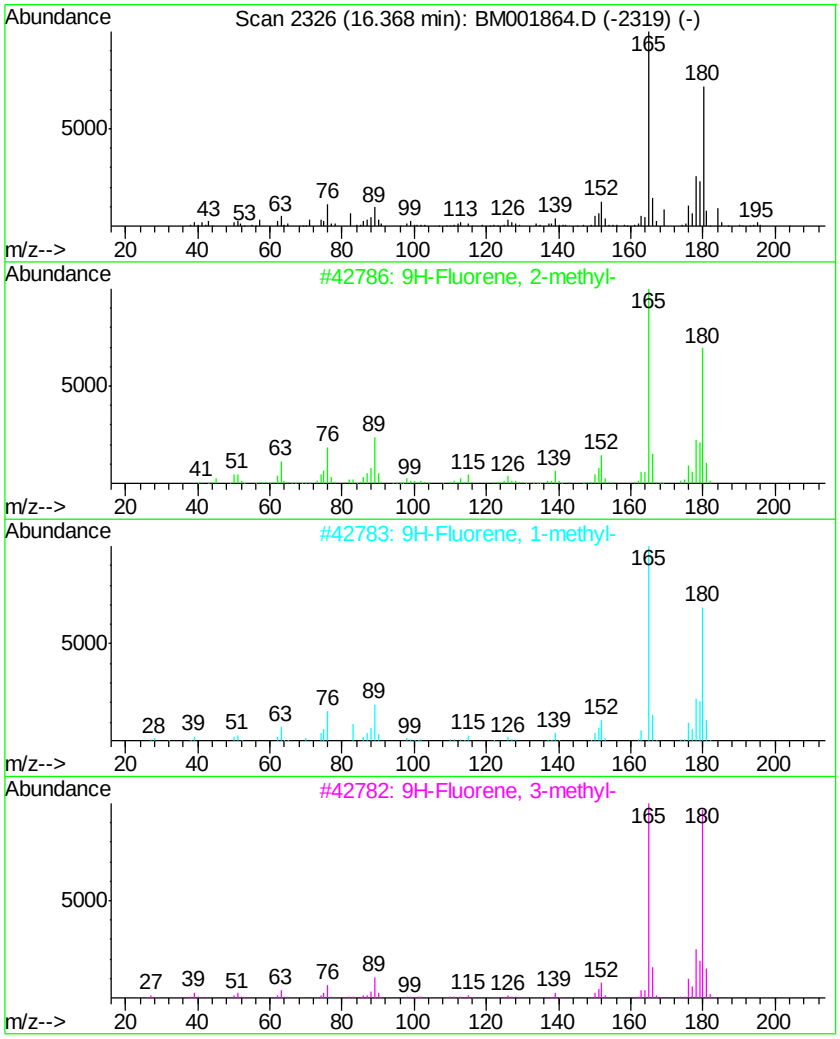
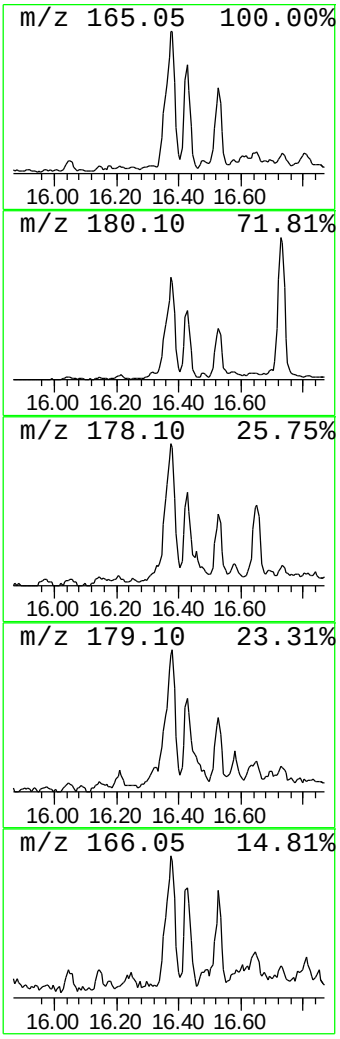
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	12.37 ng/ul	520260	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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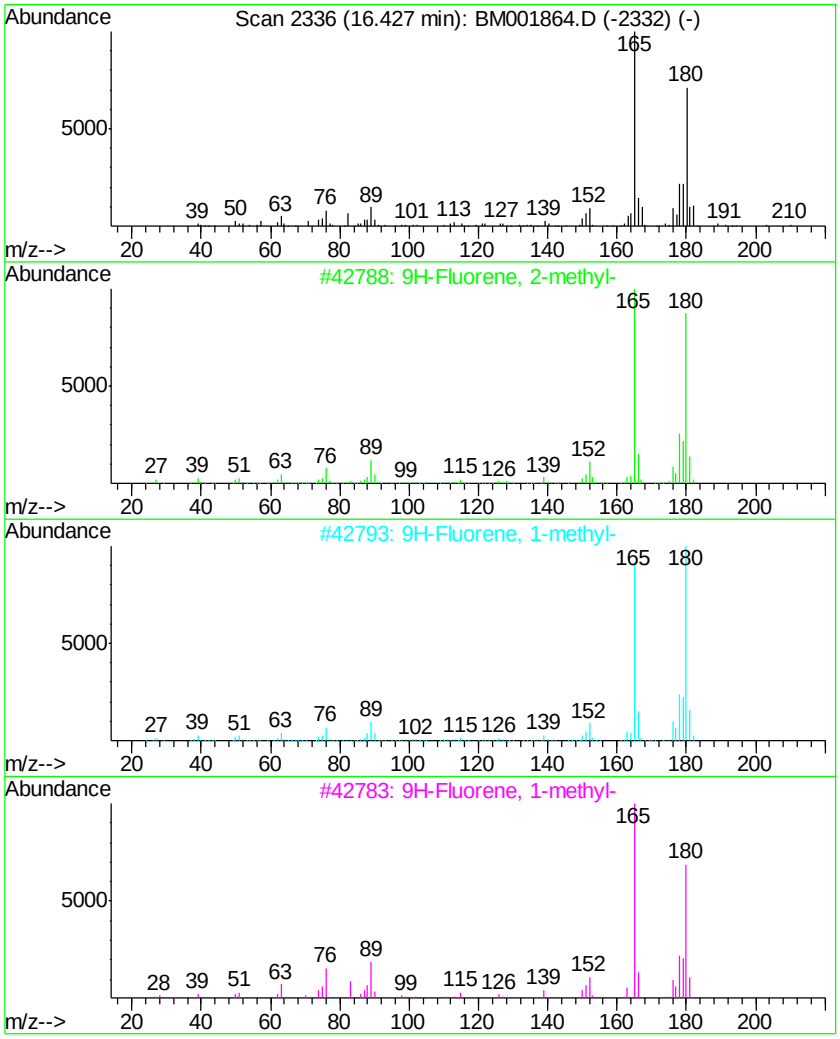
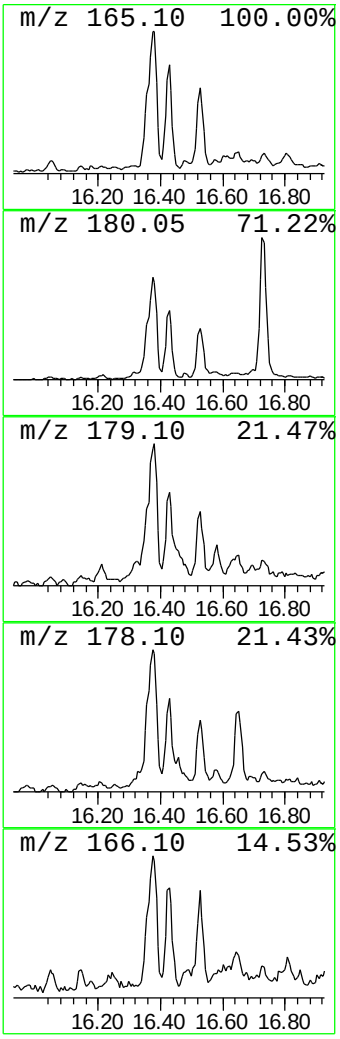
Peak Number 15 9H-Fluorene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.43 ng/ul	228536	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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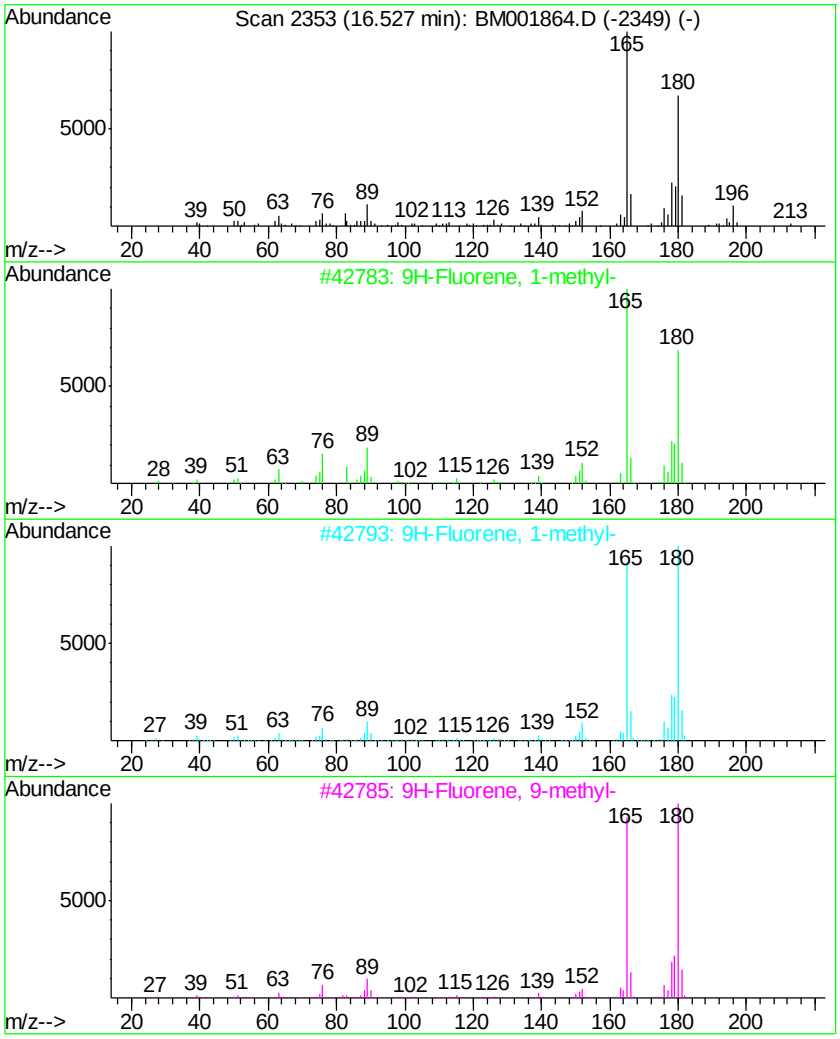
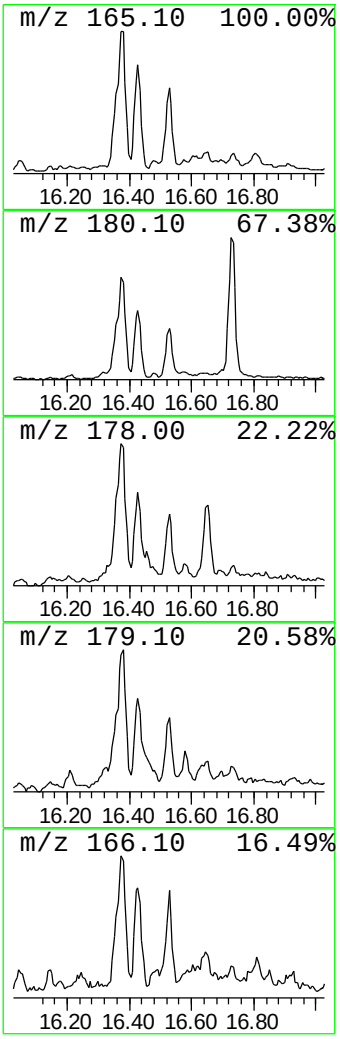
Peak Number 16 9H-Fluorene, 9-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	4.69 ng/ul	197175	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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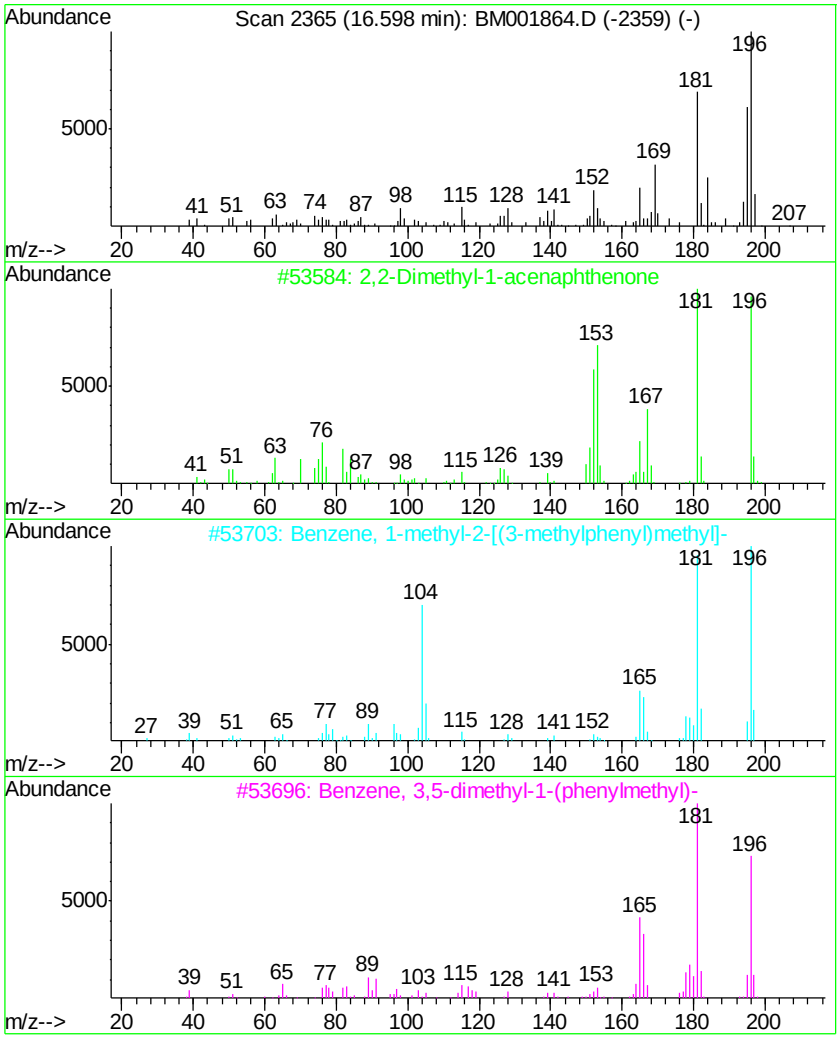
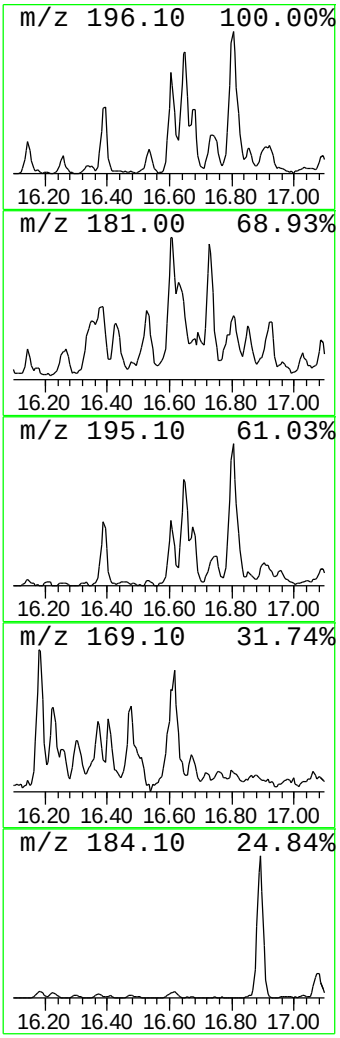
Peak Number 17 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.78 ng/ul	242930	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	49
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	47
3	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	47
4	Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	46
5	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	43





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TIC Integration Parameters: LSCINT.P

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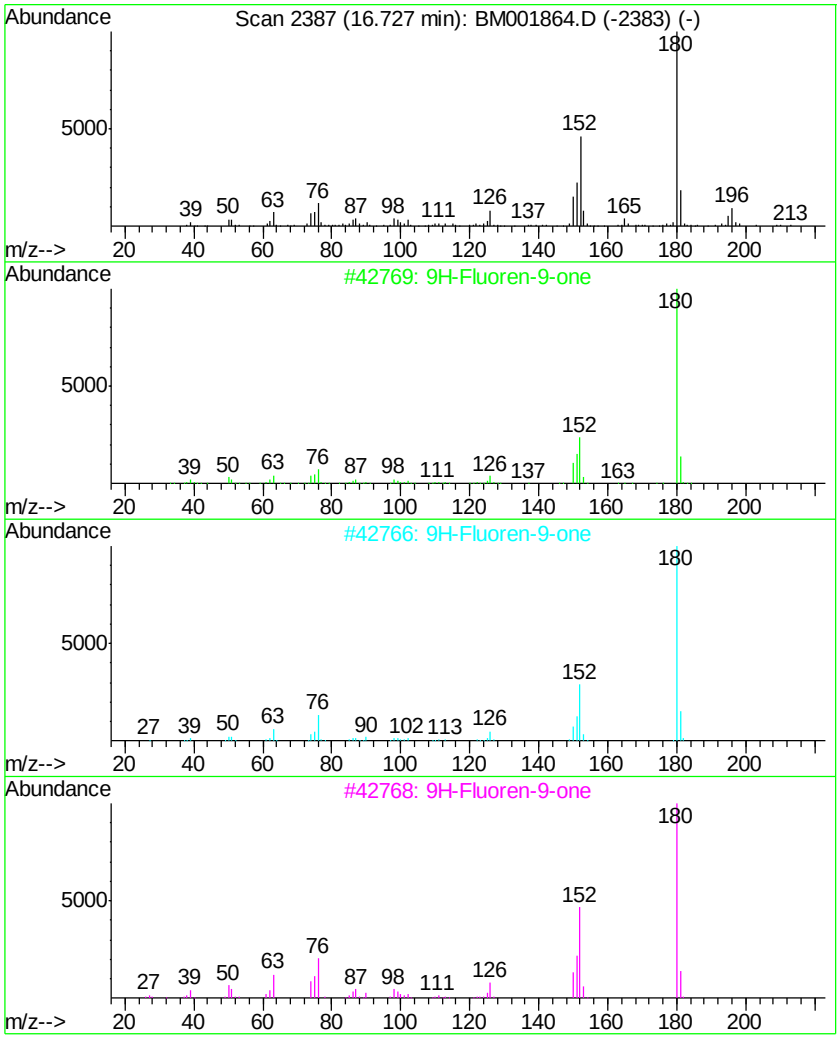
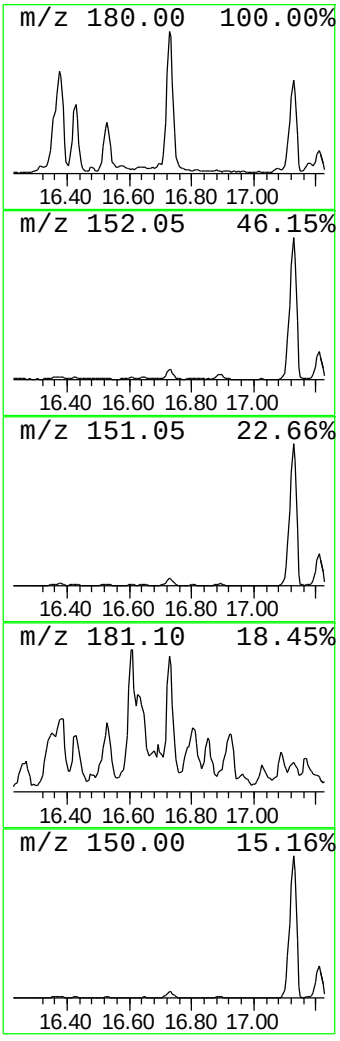
Peak Number 18 Benzo[h]cinnoline Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	8.01 ng/ul	337025	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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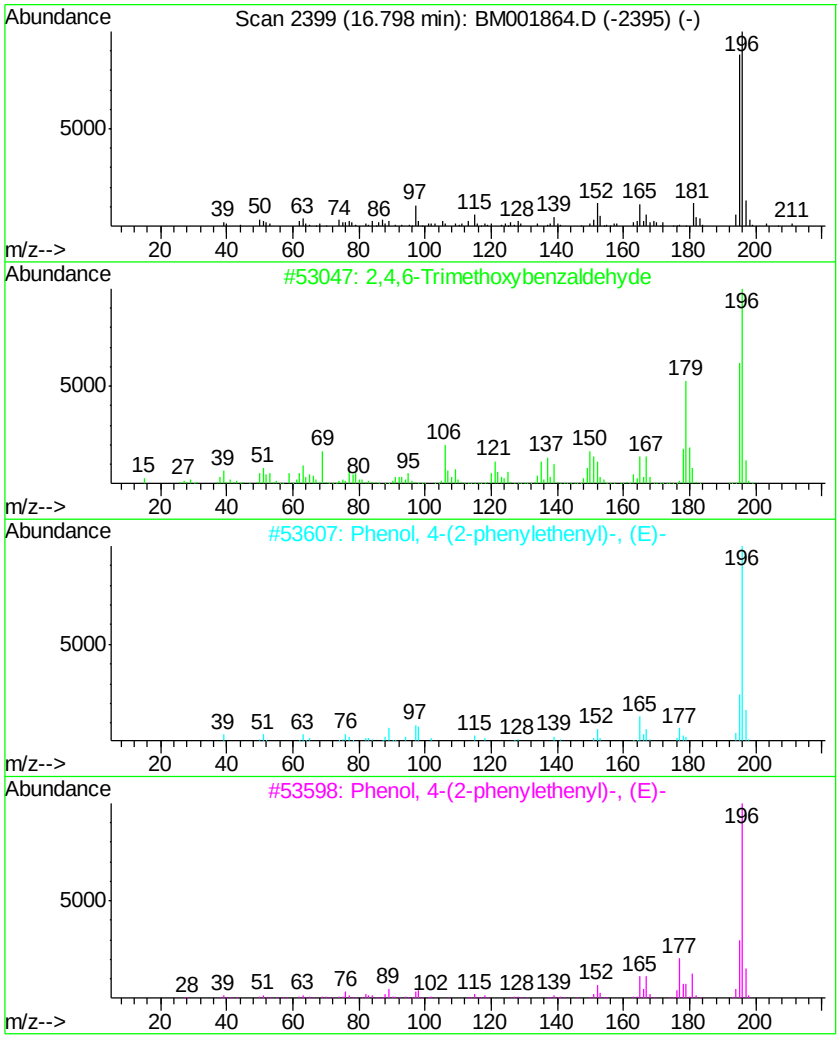
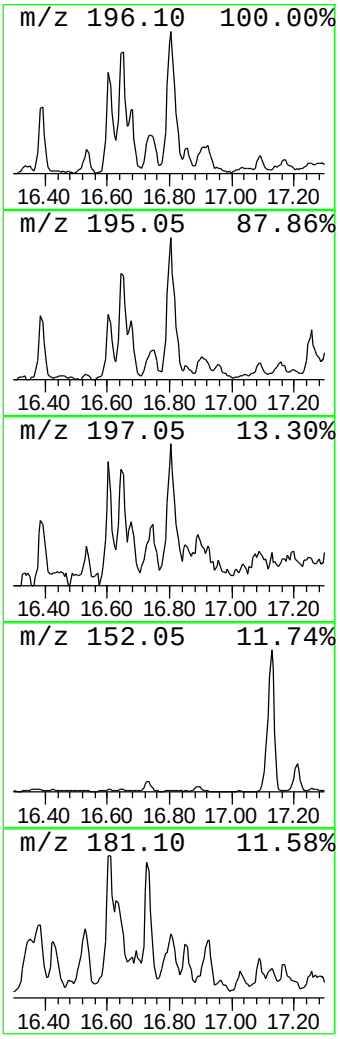
Peak Number 19 2,4,6-Trimethoxybenzaldehyde Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	7.09 ng/ul	298339	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	86
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	47





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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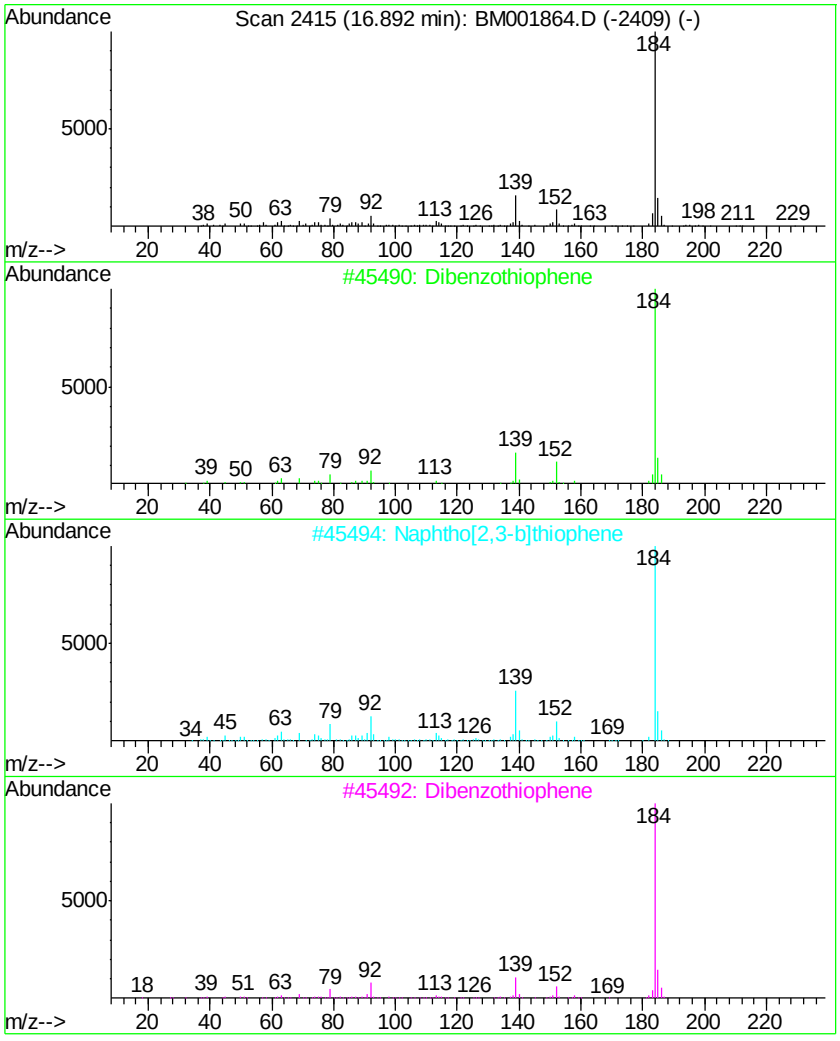
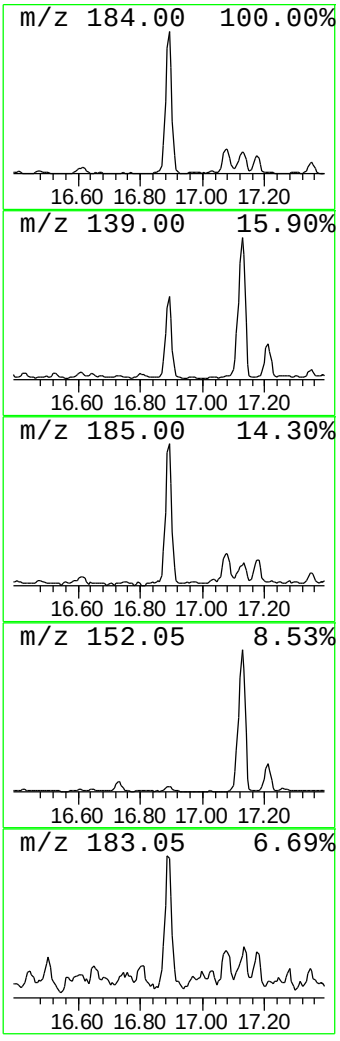
Peak Number 20 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	17.73 ng/ul	745793	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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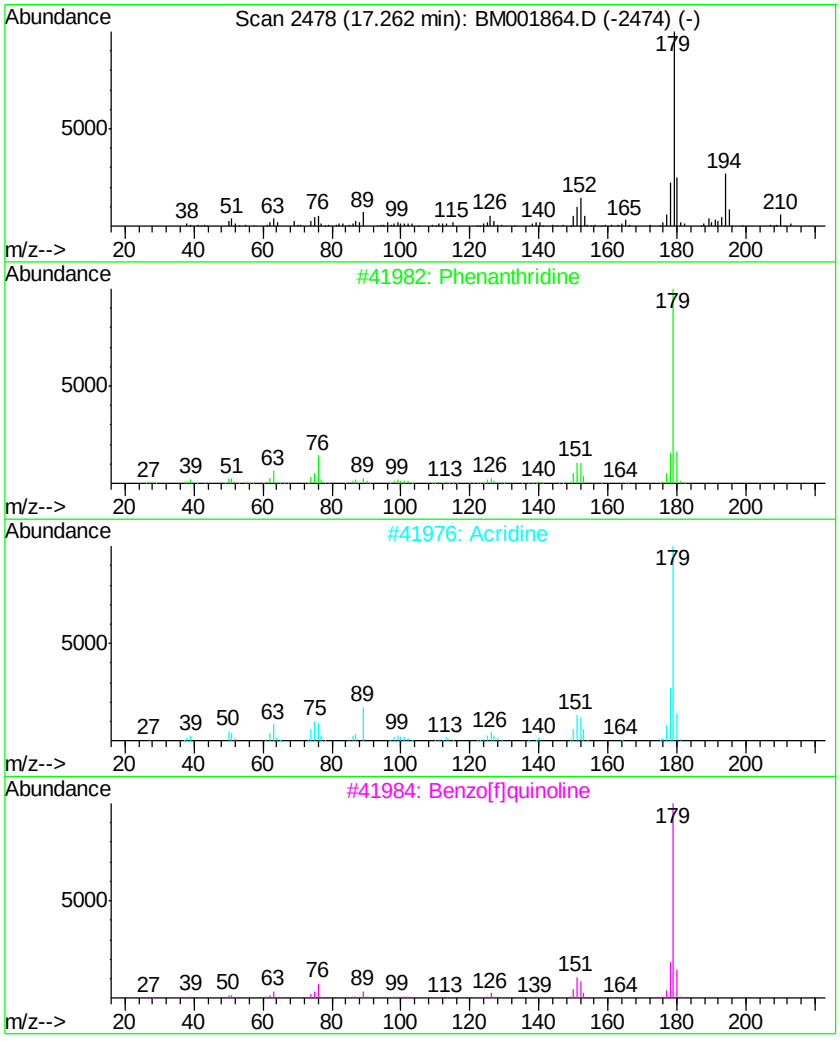
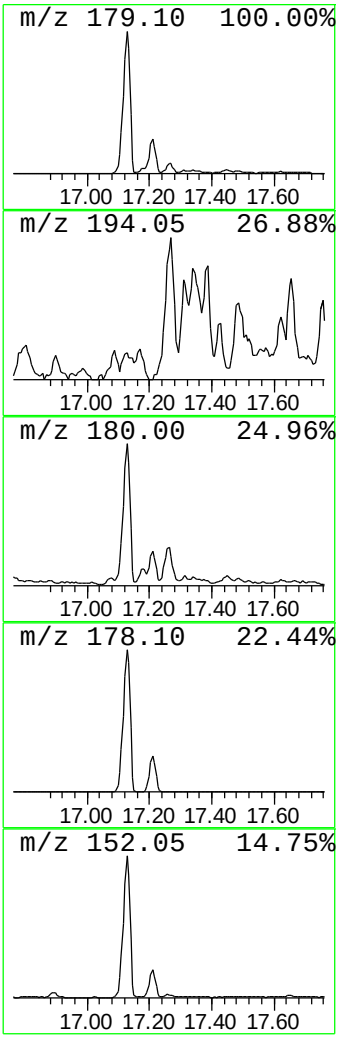
Peak Number 21 Phenanthridine Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	5.76 ng/ul	242423	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	86
2	Acridine	179	C13H9N	000260-94-6	86
3	Benzo[f]quinoline	179	C13H9N	000085-02-9	70
4	Phenanthridine	179	C13H9N	000229-87-8	70
5	Acridine	179	C13H9N	000260-94-6	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 22 Dibenzothiophene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	7.71 ng/ul	324140	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	Thioxanthene	198	C13H10S	000261-31-4	70
4	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64
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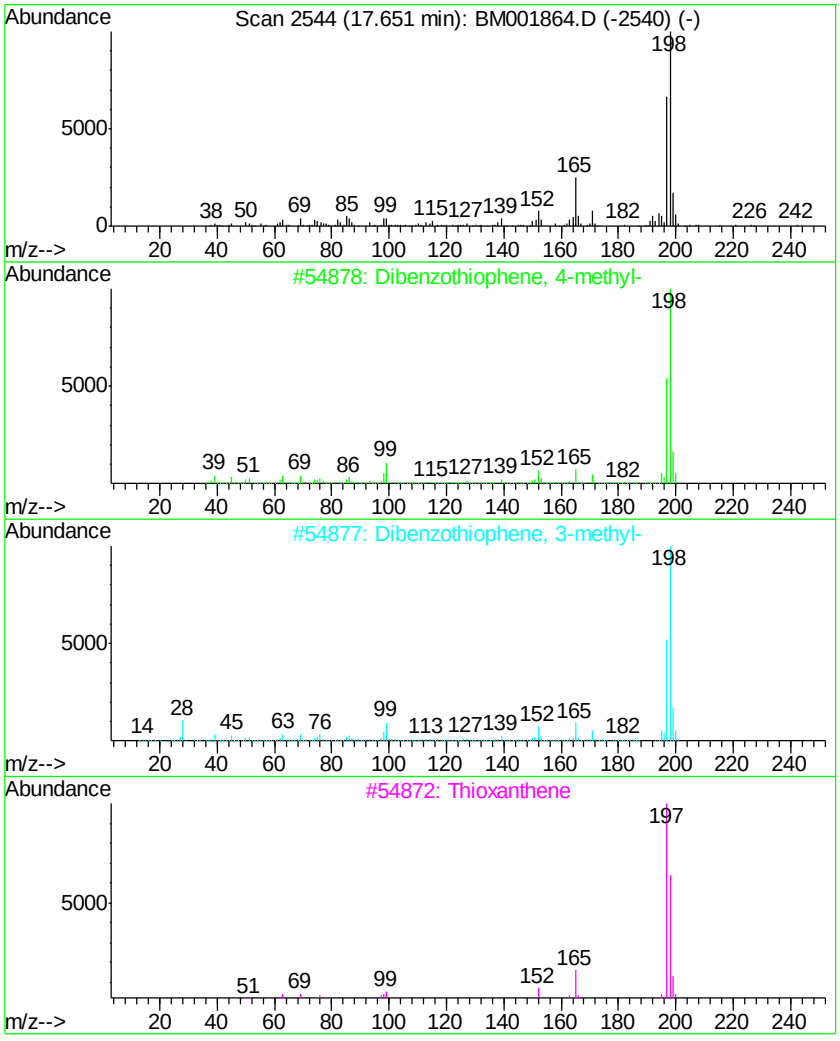

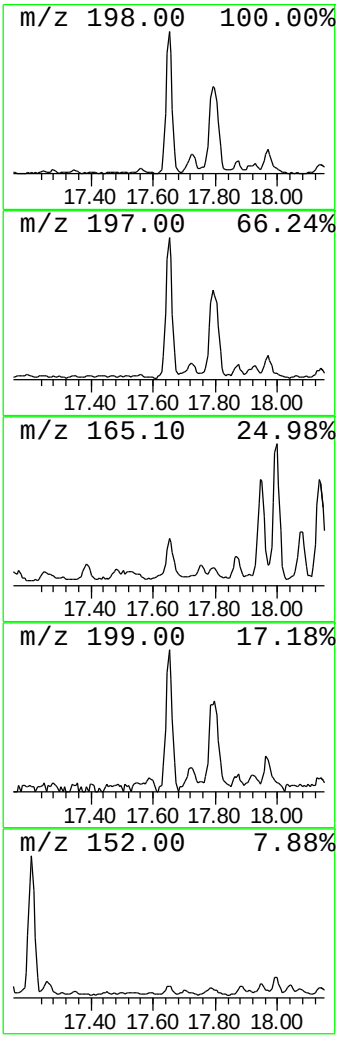

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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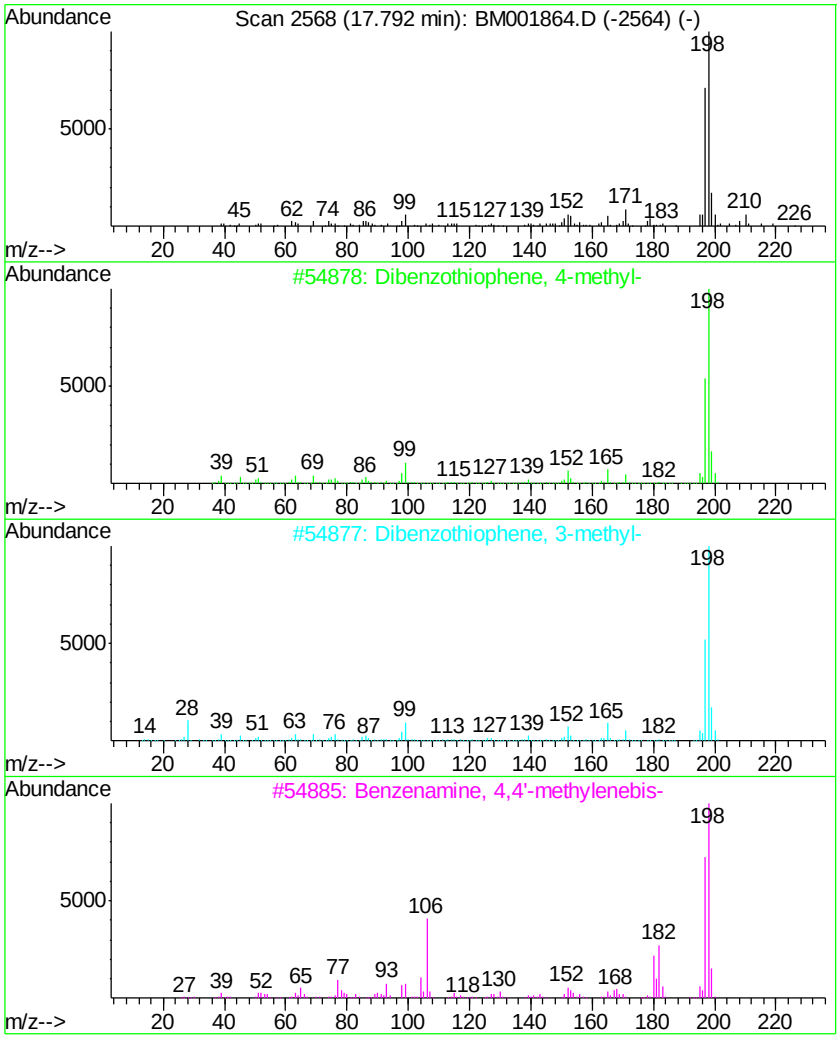
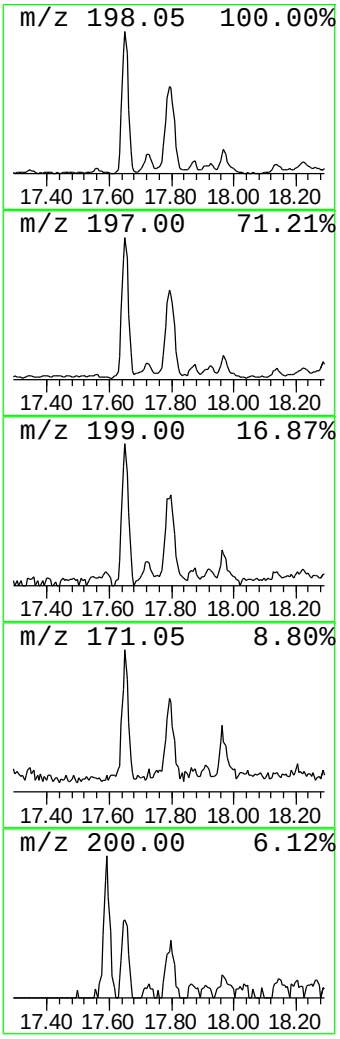
Peak Number 23 Dibenzothiophene, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.71 ng/ul	197968	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	90
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	87
4	Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	80
5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	72





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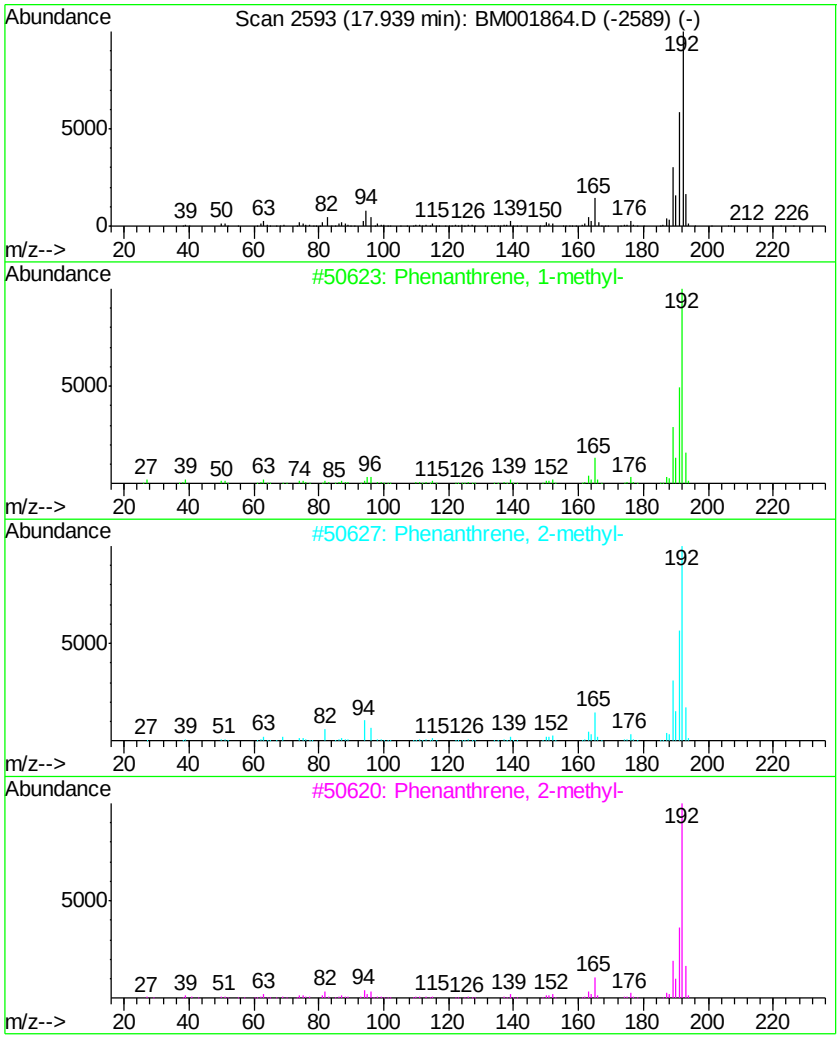
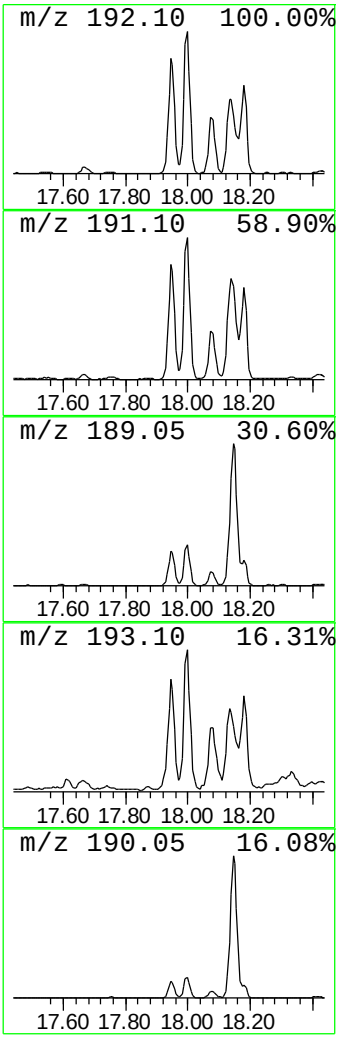
Peak Number 24 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	31.24 ng/ul	1313870	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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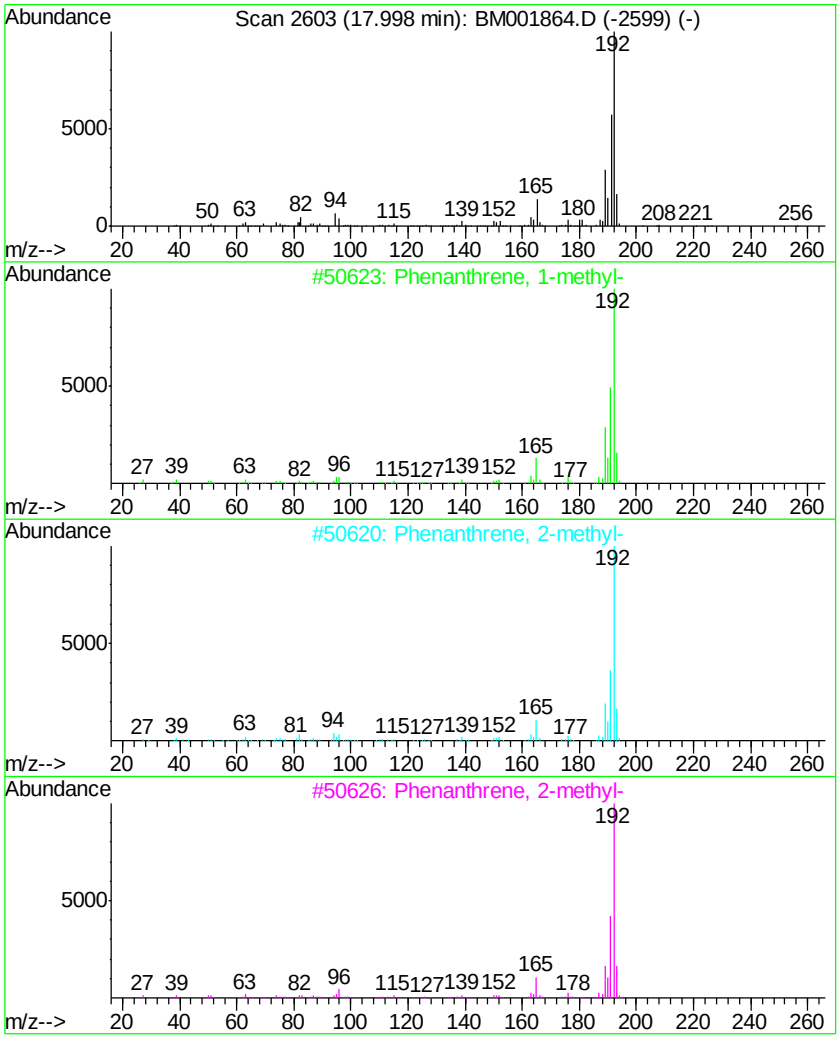
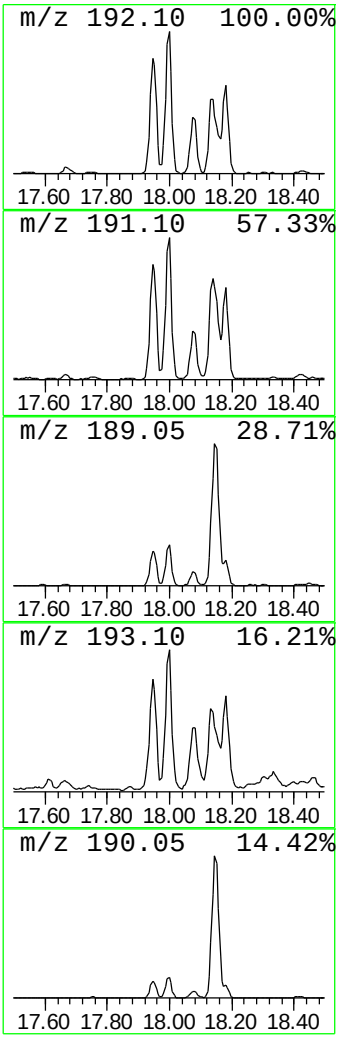
Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	35.43 ng/ul	1489930	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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TIC Integration Parameters: LSCINT.P

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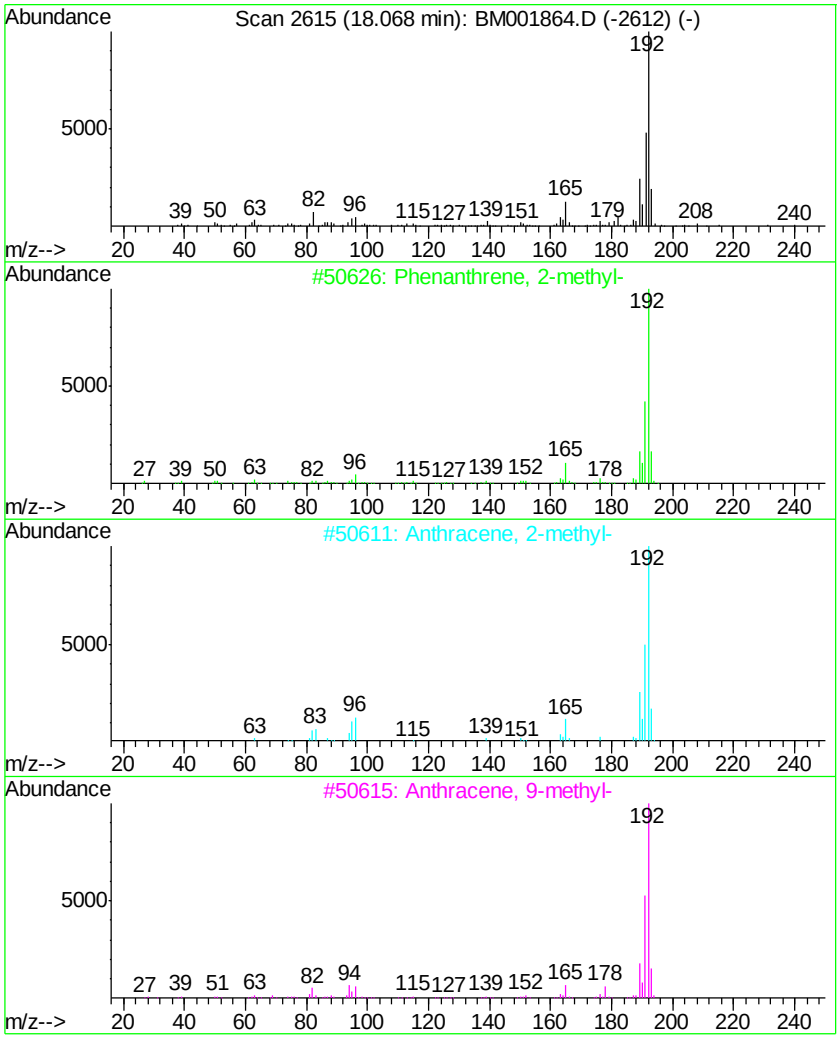
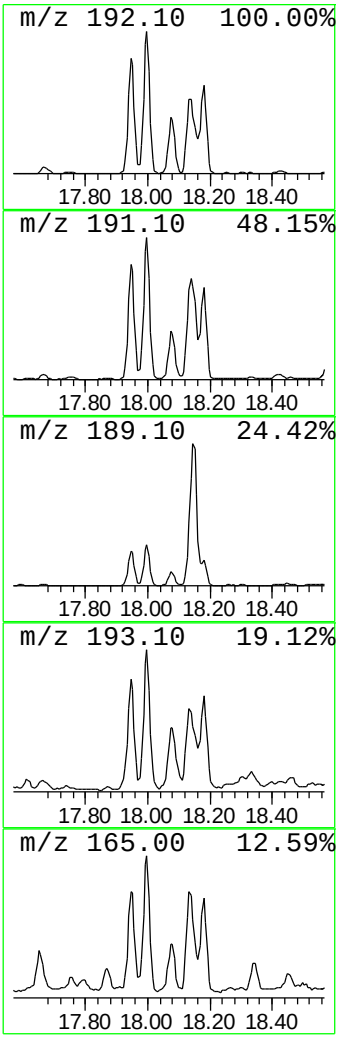
Peak Number 26 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	13.36 ng/ul	561981	Phenanthrene-d10	17.07

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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TIC Integration Parameters: LSCINT.P

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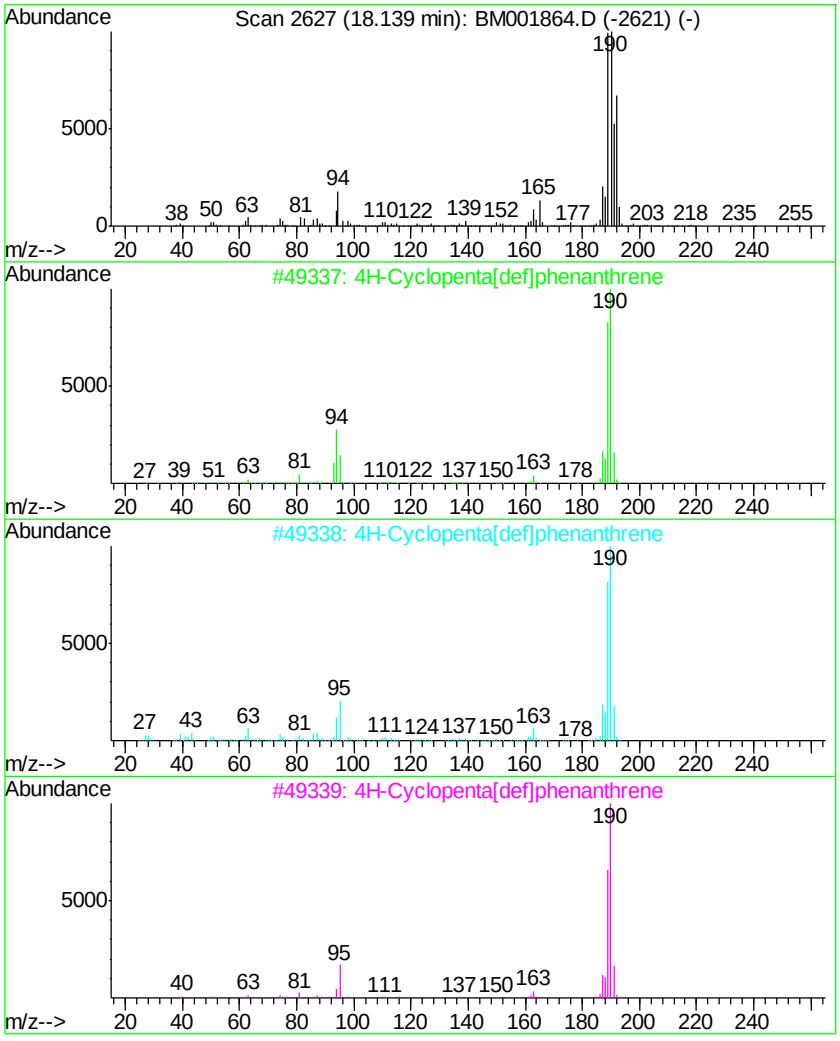
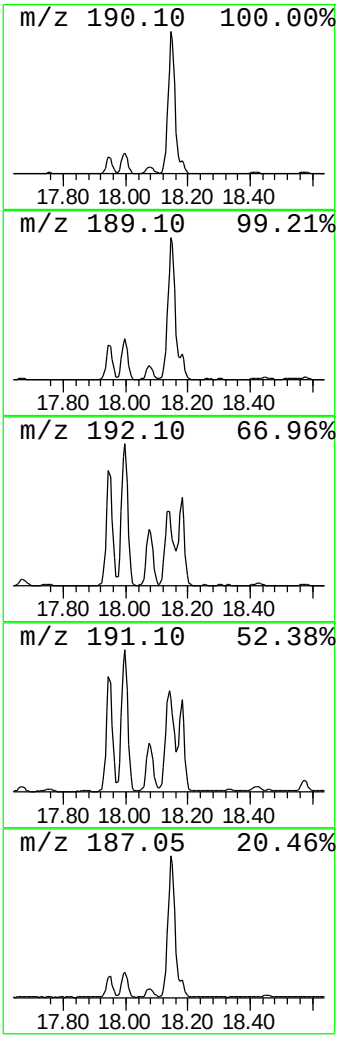
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	62.88 ng/ul	2644190	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45





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TIC Integration Parameters: LSCINT.P

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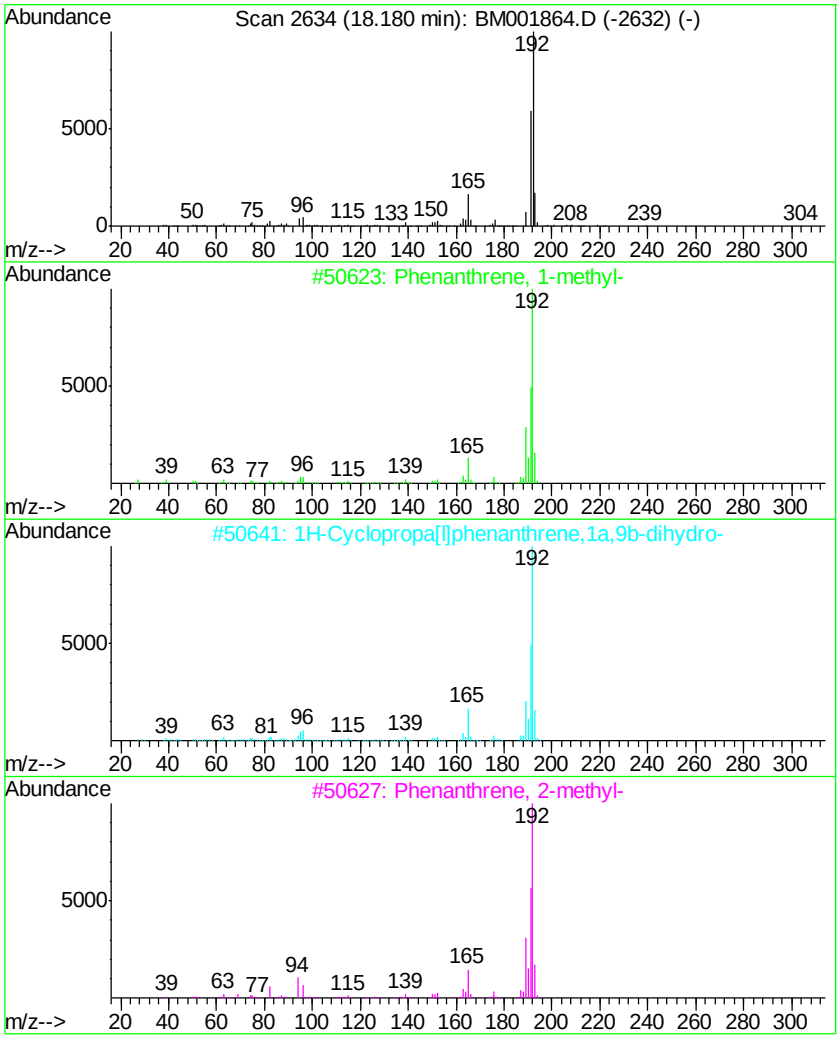
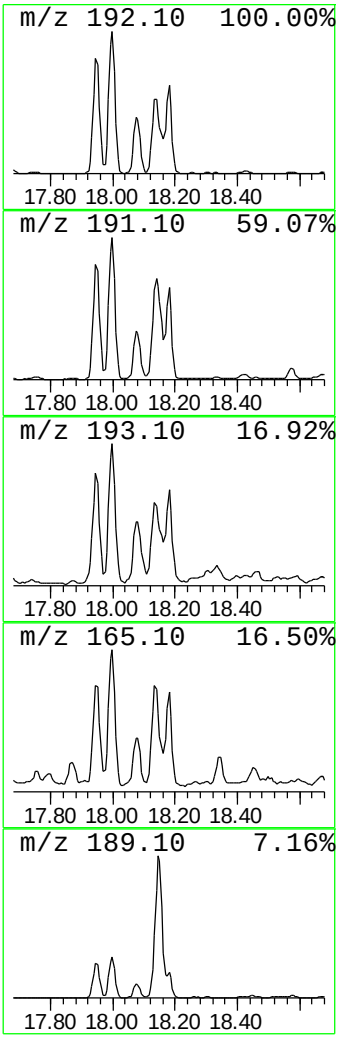
Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	16.78 ng/ul	705515	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 29 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	20.98 ng/ul	882258	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
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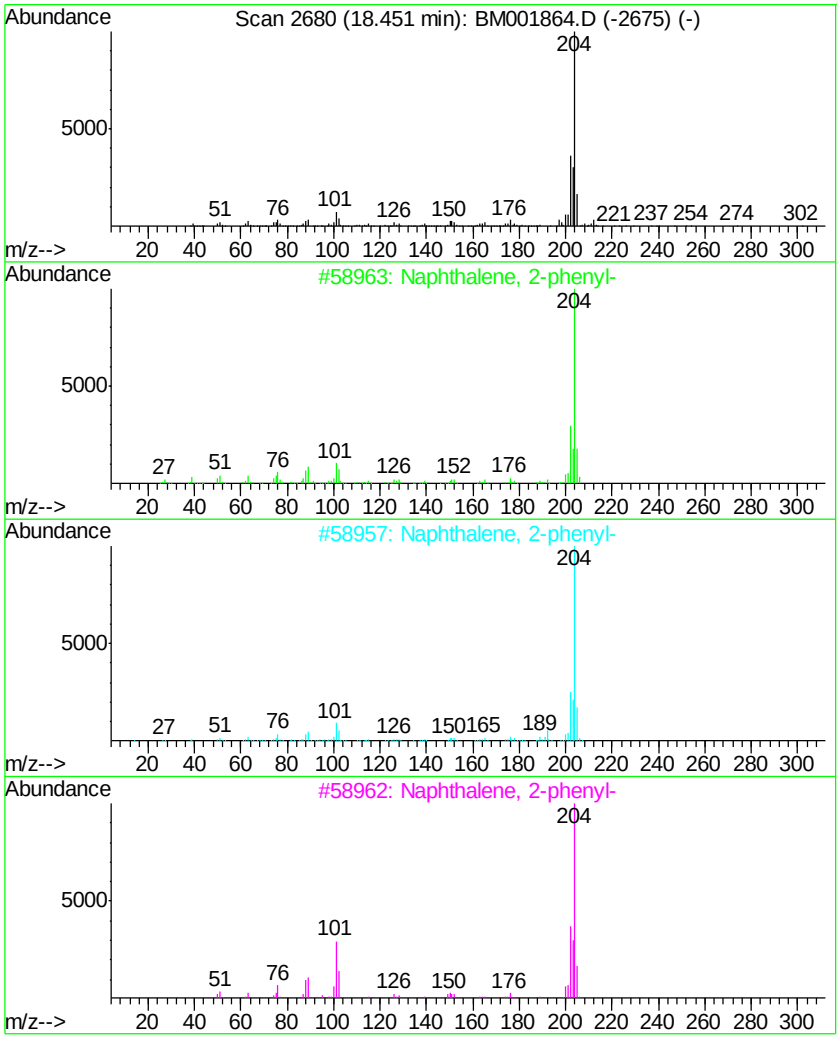
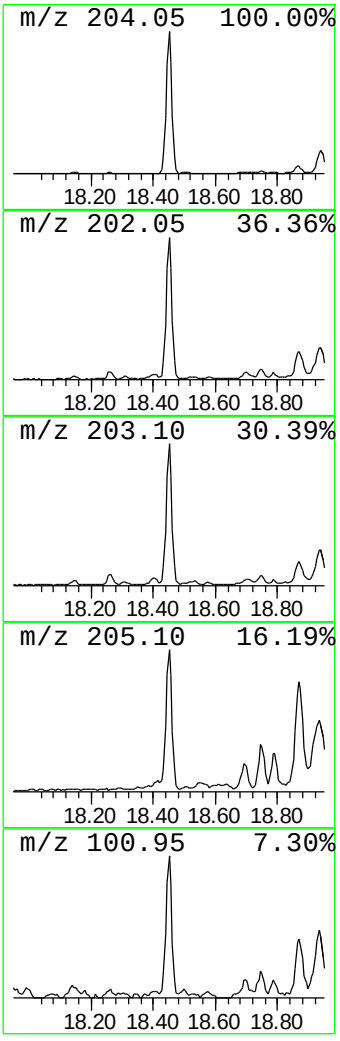
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	76





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Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

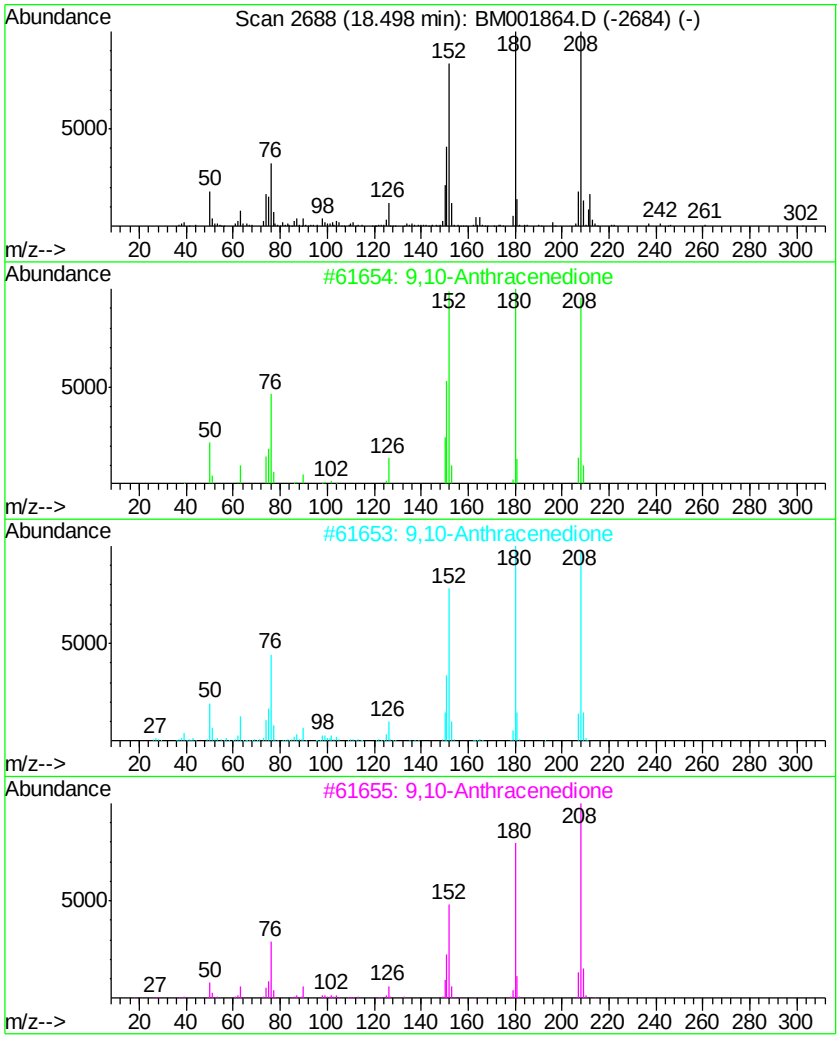
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

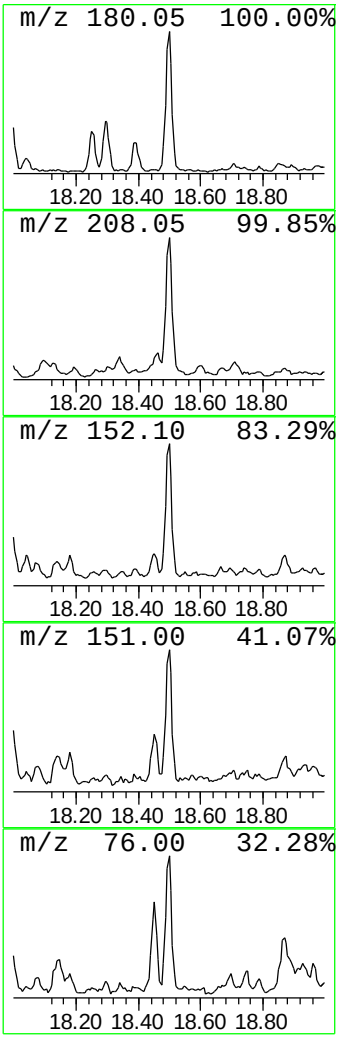
****

Peak Number 30 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	8.54 ng/ul	359317	Phenanthrene-d10	17.07

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-14
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.89	90.0	ng/ul	1757280	1	7.67	390622	20.0
Naphthalene, 1-me...	12.35	32.1	ng/ul	928880	2	10.46	578145	20.0
Naphthalene, 2,6-...	13.48	7.8	ng/ul	381243	3	14.32	976197	20.0
Naphthalene, 2,3-...	13.64	16.6	ng/ul	808238	3	14.32	976197	20.0
Naphthalene, 1,7-...	13.88	7.3	ng/ul	358465	3	14.32	976197	20.0
Naphthalene, 2,3,...	14.80	4.6	ng/ul	223267	3	14.32	976197	20.0
Naphthalene, 1,6,...	14.94	6.8	ng/ul	331257	3	14.32	976197	20.0
Naphthalene, 1,4,...	15.12	5.6	ng/ul	273816	3	14.32	976197	20.0
1H-Phenalene	15.19	4.0	ng/ul	193317	3	14.32	976197	20.0
Dibenzofuran, 4-m...	15.67	8.4	ng/ul	408000	3	14.32	976197	20.0
9H-Fluoren-9-ol	15.82	15.1	ng/ul	635938	4	17.07	841069	20.0
(DEL) Alkane: Str...	16.05	11.5	ng/ul	482246	4	17.07	841069	20.0
9H-Fluorene, 2-me...	16.37	12.4	ng/ul	520260	4	17.07	841069	20.0
9H-Fluorene, 1-me...	16.43	5.4	ng/ul	228536	4	17.07	841069	20.0
9H-Fluorene, 9-me...	16.53	4.7	ng/ul	197175	4	17.07	841069	20.0
unknown-01	16.60	5.8	ng/ul	242930	4	17.07	841069	20.0
Benzo[h]cinnoline	16.73	8.0	ng/ul	337025	4	17.07	841069	20.0
2,4,6-Trimethoxyb...	16.80	7.1	ng/ul	298339	4	17.07	841069	20.0
Dibenzothiophene	16.89	17.7	ng/ul	745793	4	17.07	841069	20.0
Phenanthridine	17.26	5.8	ng/ul	242423	4	17.07	841069	20.0
Dibenzothiophene,...	17.65	7.7	ng/ul	324140	4	17.07	841069	20.0
Dibenzothiophene,...	17.79	4.7	ng/ul	197968	4	17.07	841069	20.0
Phenanthrene, 1-m...	17.94	31.2	ng/ul	1313870	4	17.07	841069	20.0
Phenanthrene, 2-m...	18.00	35.4	ng/ul	1489930	4	17.07	841069	20.0
Anthracene, 9-met...	18.07	13.4	ng/ul	561981	4	17.07	841069	20.0
4H-Cyclopenta[def...	18.14	62.9	ng/ul	2644190	4	17.07	841069	20.0
1H-Cyclopropa[l]p...	18.18	16.8	ng/ul	705515	4	17.07	841069	20.0
Naphthalene, 2-ph...	18.45	21.0	ng/ul	882258	4	17.07	841069	20.0
9,10-Anthracenedione	18.50	8.5	ng/ul	359317	4	17.07	841069	20.0