LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.525	33	40	50	rBV2	116634	288173	6.14%	0.540%
2	3.619	50	56	73	rVB	832629	1471888	31.36%	2.760%
3	5.311	336	344	355	rVB	65472	122274	2.61%	0.229%
4	5.833	424	433	440	rBV2	38393	68047	1.45%	0.128%
5	6.339	512	519	530	rVB	694872	1203766	25.65%	2.257%
6	8.019	798	805	815	rVB	459166	839359	17.88%	1.574%
7	8.436	868	876	891	rBV	1216716	2273981	48.45%	4.264%
8	8.929	948	960	969	rBV	276006	506288	10.79%	0.949%
9	9.264	1008	1017	1023	rBV	1098264	2072731	44.16%	3.887%
10	9.317	1023	1026	1034	rVB	173783	288218	6.14%	0.540%
11	10.128	1156	1164	1175	rVB	885509	1701720	36.26%	3.191%
12	10.321	1192	1197	1203	rVB	39015	74491	1.59%	0.140%
13	10.451	1210	1219	1225	rBV2	63711	155971	3.32%	0.292%
14	10.515	1225	1230	1238	rVB2	36173	73969	1.58%	0.139%
15	10.715	1259	1264	1270	rVB3	33915	63344	1.35%	0.119%
16	11.038	1310	1319	1327	rVB2	32892	84783	1.81%	0.159%
17	11.191	1339	1345	1356	rBV6	45858	112733	2.40%	0.211%
18	11.338	1367	1370	1376	rVB5	31782	61868	1.32%	0.116%
19	11.814	1443	1451	1456	rBV	401077	765182	16.30%	1.435%
20	11.866	1456	1460	1466	rVB	176967	304874	6.50%	0.572%
21	11.984	1474	1480	1487	rBV9	25931	50531	1.08%	0.095%
22	12.360	1538	1544	1553	rVB	66040	126511	2.70%	0.237%
23	12.565	1571	1579	1584	rBV6	21244	49541	1.06%	0.093%
24	12.894	1624	1635	1641	rBV2	92526	206963	4.41%	0.388%
25	13.135	1671	1676	1683	rBV2	31348	53967	1.15%	0.101%
26	13.311	1700	1706	1712	rBV3	117949	221097	4.71%	0.415%
27	13.411	1718	1723	1729	rBV	165236	260208	5.54%	0.488%
28	13.482	1729	1735	1739	rVB2	62467	112783	2.40%	0.211%
29	13.629	1750	1760	1766	rBV	855220	1583034	33.73%	2.969%
30	13.682	1766	1769	1773	rVB	37874	50633	1.08%	0.095%
31	13.881	1799	1803	1809	rBV2	24286	58448	1.25%	0.110%
32	13.946	1810	1814	1822	rVB2	50901	94836	2.02%	0.178%
33	14.022	1822	1827	1830	rBV5	41635	78176	1.67%	0.147%
34	14.175	1841	1853	1860	rBV	2406675	3787420	80.69%	7.102%

LSC Area Percent Report

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Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.328	1874	1879	1883	rBV2	43737	74044	1.58%	0.139%
36	14.392	1886	1890	1900	rVB7	51764	114468	2.44%	0.215%
37	14.604	1924	1926	1932	rVB3	55008	74754	1.59%	0.140%
38	14.668	1932	1937	1940	rBV2	45788	90671	1.93%	0.170%
39	14.715	1940	1945	1954	rVB3	120769	293868	6.26%	0.551%
40	14.868	1963	1971	1976	rBV	205813	436598	9.30%	0.819%
41	14.921	1976	1980	1984	rVV4	54316	95995	2.05%	0.180%
42	14.962	1984	1987	1992	rVB	60621	84534	1.80%	0.159%
43	15.009	1992	1995	2001	rVB2	40822	57655	1.23%	0.108%
44	15.097	2003	2010	2014	rBV	130373	250012	5.33%	0.469%
45	15.268	2033	2039	2049	rVB3	105034	222434	4.74%	0.417%
46	15.379	2054	2058	2063	rVB2	81312	108383	2.31%	0.203%
47	15.450	2064	2070	2074	rBV3	45099	104653	2.23%	0.196%
48	15.544	2080	2086	2091	rBV2	558536	935082	19.92%	1.753%
49	15.608	2091	2097	2103	rVV	2763126	4568607	97.33%	8.567%
50	15.661	2103	2106	2111	rVB	149464	219085	4.67%	0.411%
51	15.843	2128	2137	2145	rBV2	92976	243837	5.19%	0.457%
52	15.931	2145	2152	2158	rVV	1093946	1802373	38.40%	3.380%
53	15.990	2158	2162	2170	rVB7	49756	93276	1.99%	0.175%
54	16.137	2183	2187	2193	rVB4	42944	87258	1.86%	0.164%
55	16.231	2199	2203	2209	rVB	63419	96513	2.06%	0.181%
56	16.319	2214	2218	2229	rVB4	102077	257869	5.49%	0.484%
57	16.578	2255	2262	2270	rVB2	1493266	2476884	52.77%	4.645%
58	16.701	2272	2283	2285	rBV3	121404	340559	7.26%	0.639%
59	16.824	2300	2304	2306	rBV3	45278	75510	1.61%	0.142%
60	16.860	2306	2310	2316	rVB	136410	221573	4.72%	0.415%
61	17.012	2329	2336	2343	rVB	1803704	2990875	63.72%	5.608%
62	17.171	2359	2363	2367	rBV	93588	158164	3.37%	0.297%
63	17.241	2370	2375	2384	rVB2	195639	383193	8.16%	0.719%
64	17.353	2390	2394	2399	rBV7	20800	46994	1.00%	0.088%
65	17.412	2399	2404	2409	rVV	118608	184019	3.92%	0.345%
66	17.617	2435	2439	2445	rVB3	49008	86317	1.84%	0.162%
67	17.723	2453	2457	2462	rVB3	35767	53453	1.14%	0.100%
68	18.070	2512	2516	2524	rVB2	140900	339491	7.23%	0.637%
69	18.217	2537	2541	2544	rBV3	70858	98343	2.10%	0.184%
70	18.269	2544	2550	2554	rVV	676024	1146565	24.43%	2.150%
71	18.311	2554	2557	2568	rVV	367485	621310	13.24%	1.165%

LSC Area Percent Report

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Sample : J1642-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.399	2568	2572	2577	rVV	189615	323168	6.89%	0.606%
73	18.457	2577	2582	2592	rVB2	172592	385927	8.22%	0.724%
74	18.651	2610	2615	2628	rBV	370859	723437	15.41%	1.357%
75	18.869	2647	2652	2660	rBV7	55448	157058	3.35%	0.295%
76	19.080	2681	2688	2697	rBV4	377551	809451	17.25%	1.518%
77	19.157	2697	2701	2707	rVB5	106665	213501	4.55%	0.400%
78	19.215	2707	2711	2718	rVB2	261013	425116	9.06%	0.797%
79	19.315	2720	2728	2733	rBV2	215175	559085	11.91%	1.048%
80	19.438	2746	2749	2754	rBV3	52051	91571	1.95%	0.172%
81	19.632	2779	2782	2787	rVB	91910	134619	2.87%	0.252%
82	19.809	2808	2812	2825	rVB	131864	288310	6.14%	0.541%
83	19.967	2835	2839	2842	rBV	153488	210733	4.49%	0.395%
84	20.132	2864	2867	2872	rBV	62272	82362	1.75%	0.154%
85	20.261	2884	2889	2894	rBV	377807	560095	11.93%	1.050%
86	20.308	2894	2897	2908	rVB4	135284	232343	4.95%	0.436%
87	20.613	2945	2949	2955	rVB2	188145	299846	6.39%	0.562%
88	20.790	2973	2979	2985	rVB	3599196	4693726	100.00%	8.802%
89	20.960	3005	3008	3016	rVB3	43502	92700	1.97%	0.174%
90	21.036	3016	3021	3027	rBV	218390	327936	6.99%	0.615%
91	21.130	3032	3037	3044	rVB	446352	688135	14.66%	1.290%
92	21.730	3135	3139	3149	rVB2	132059	252497	5.38%	0.473%
93	22.164	3210	3213	3220	rVB4	67963	103296	2.20%	0.194%
94	22.628	3285	3292	3303	rVB	676761	1288782	27.46%	2.417%
95	24.590	3619	3626	3635	rVB	103421	235757	5.02%	0.442%
96	26.441	3928	3941	3956	rBV2	398558	1345153	28.66%	2.522%

Sum of corrected areas: 53327631

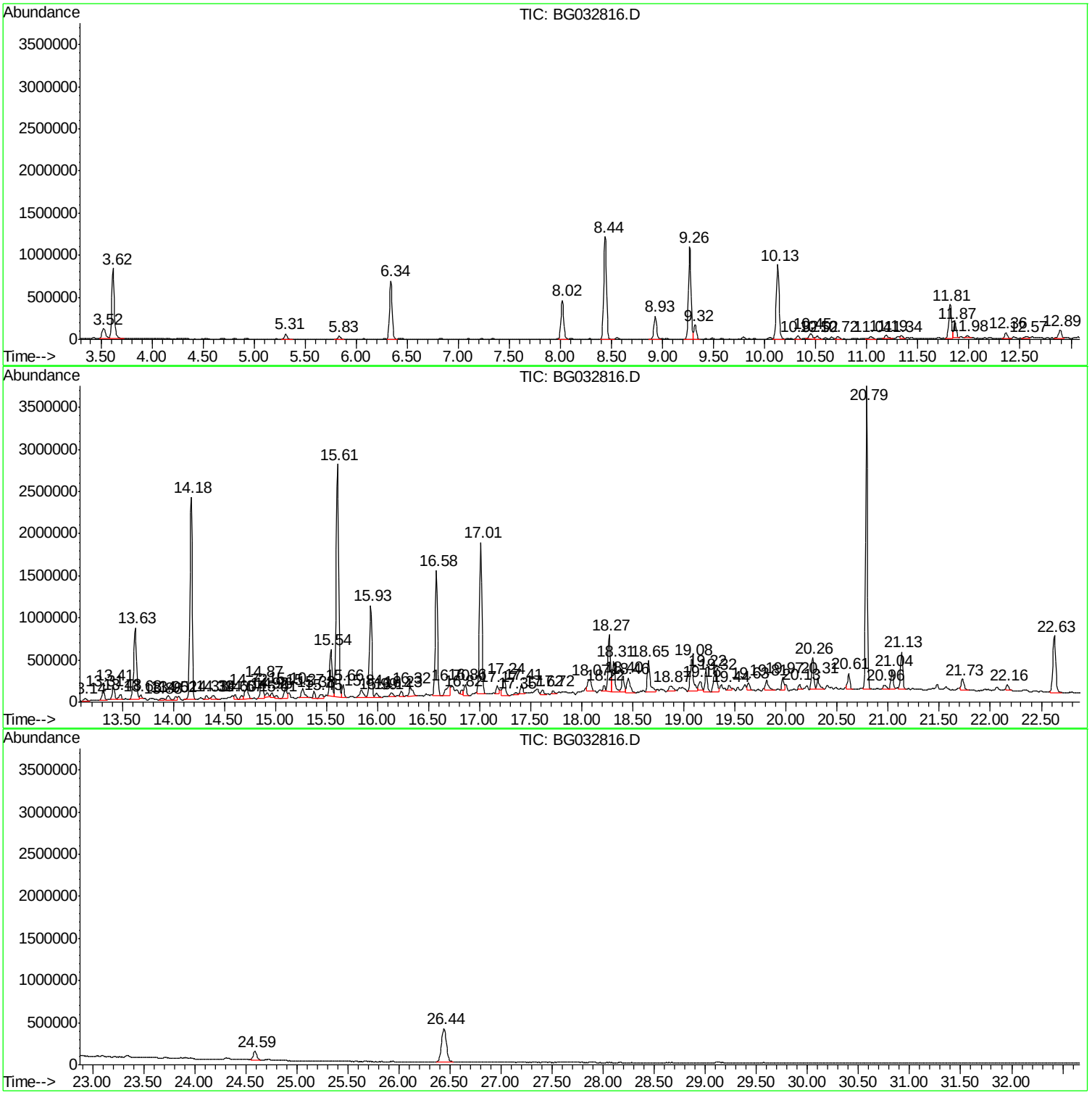
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

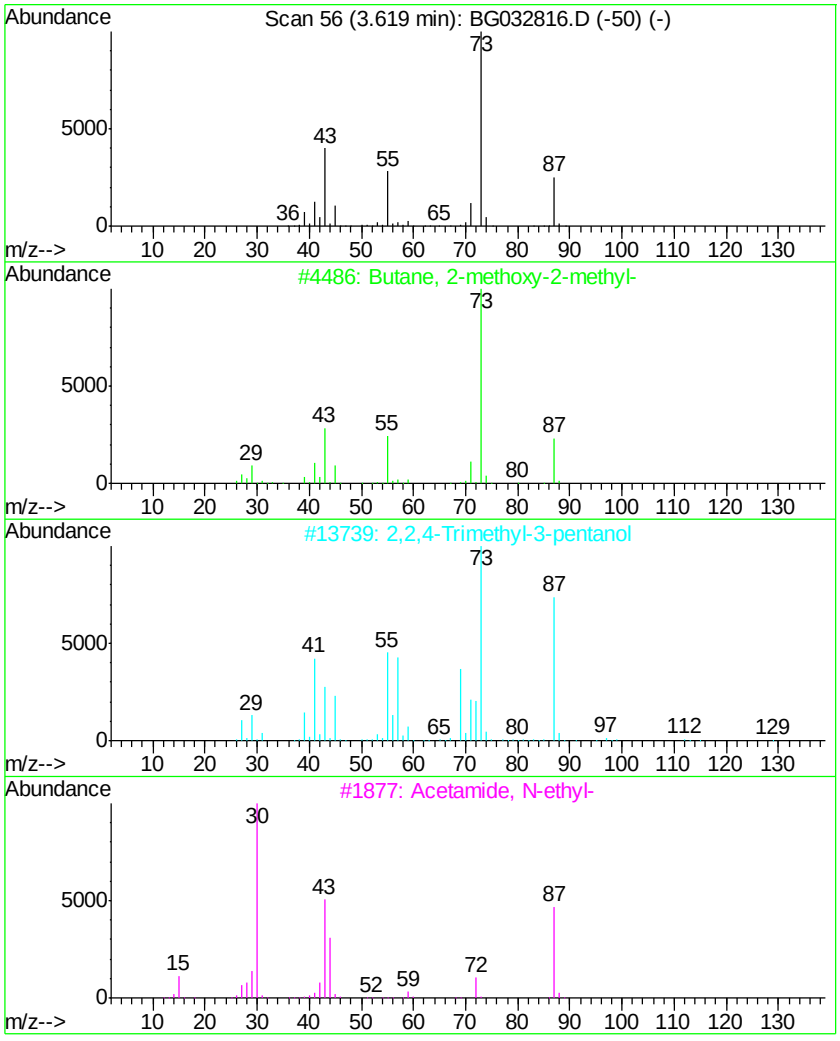
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

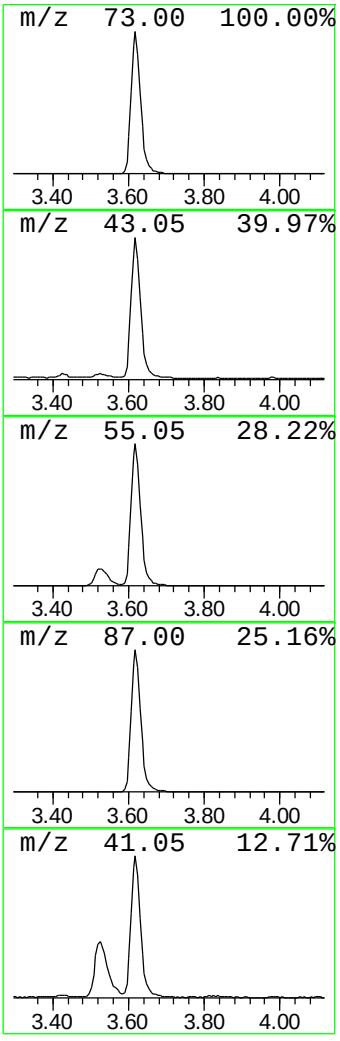
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	58.14 ng	1471890	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





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Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

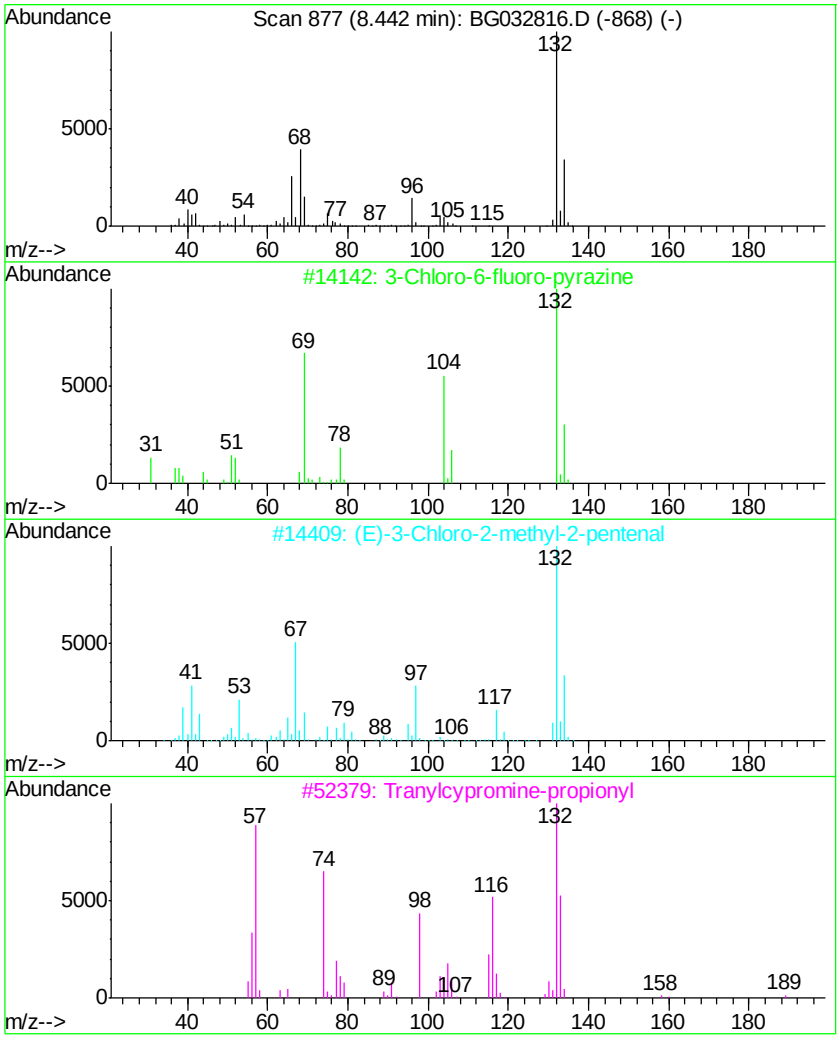
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

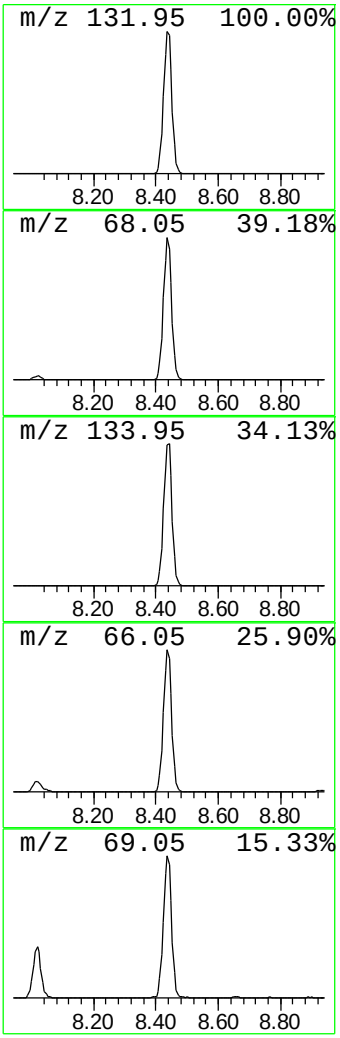
****

Peak Number 3 unknown8.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	89.83 ng	2273980	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

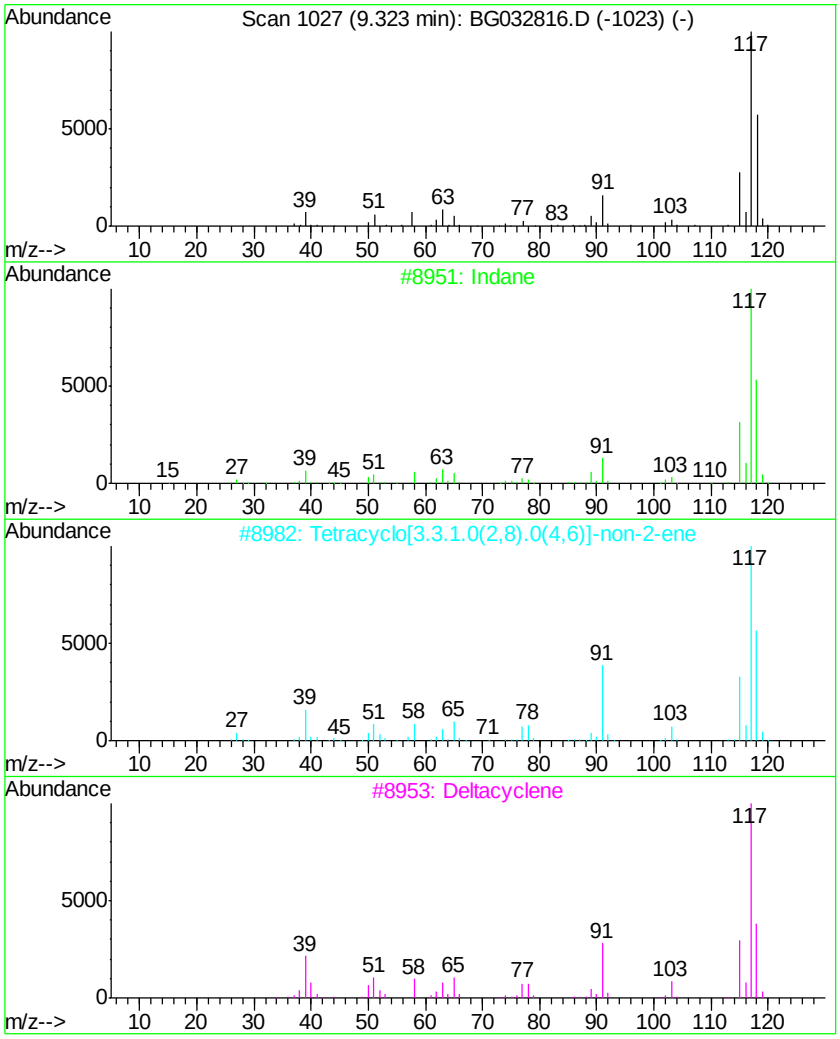
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

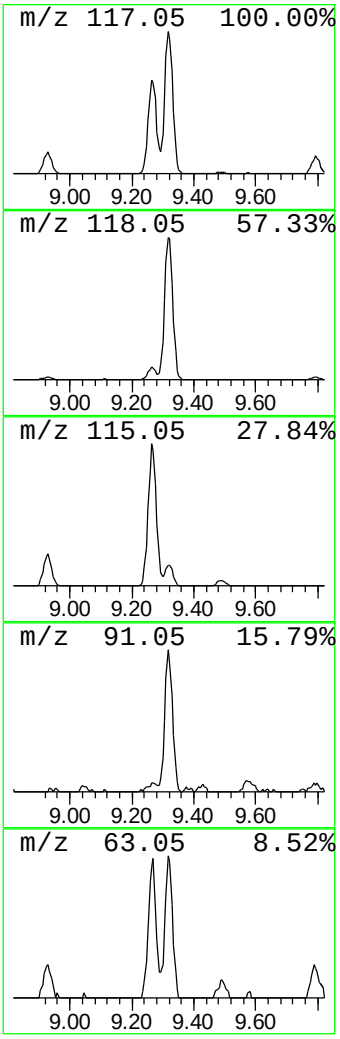
****

Peak Number 5 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	11.39 ng	288218	1,4-Dichlorobenzene-d4	8.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	59





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Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

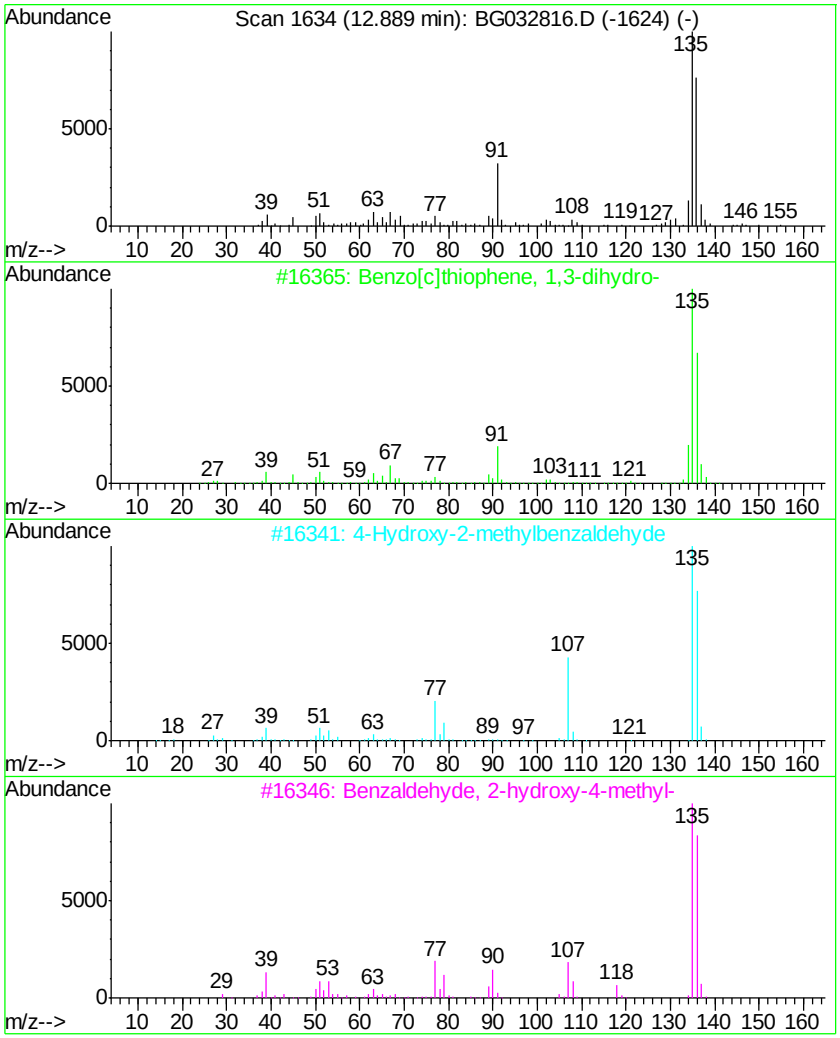
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

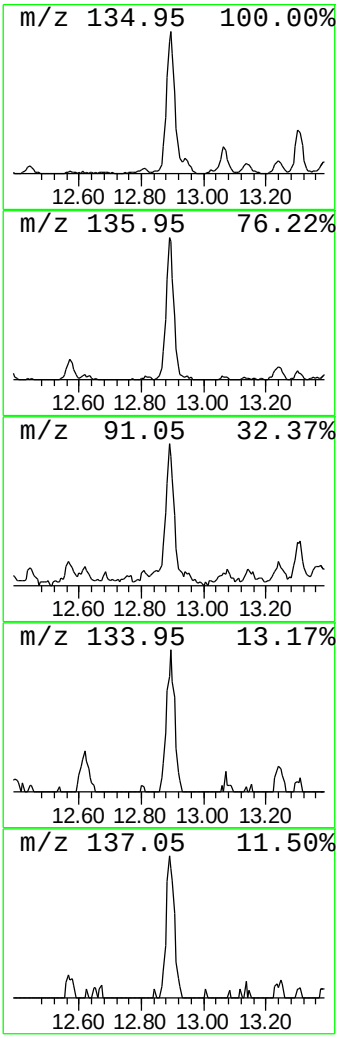
****

Peak Number 6 Benzo[c]thiophene, 1,3-dihy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.41 ng	206963	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
2	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	64
3	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	64
4	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	64
5	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	64





Library Search Compound Report

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Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

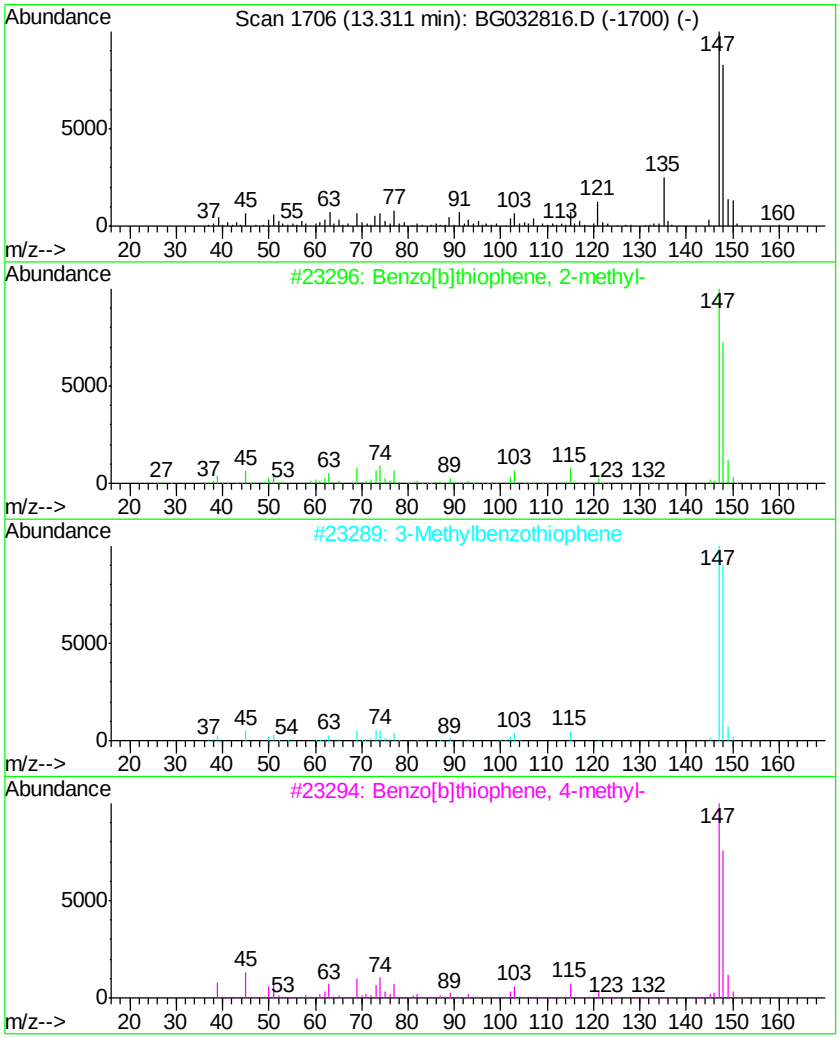
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

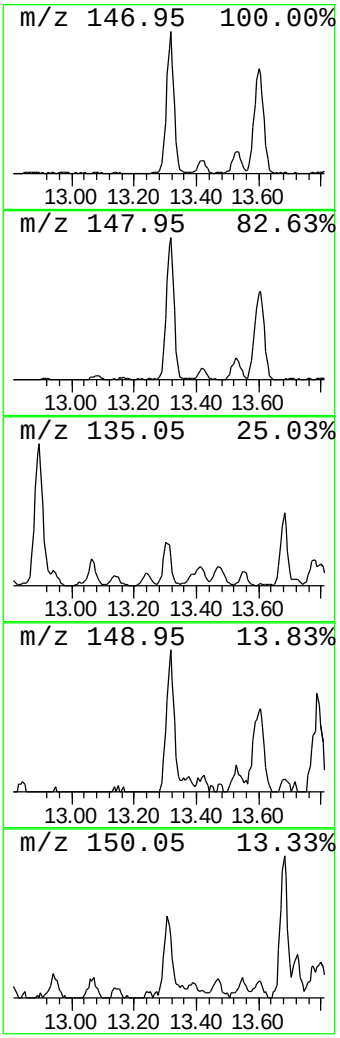
****

Peak Number 7 Benzo[b]thiophene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	5.78 ng	221097	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	74
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	74
5	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	64





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Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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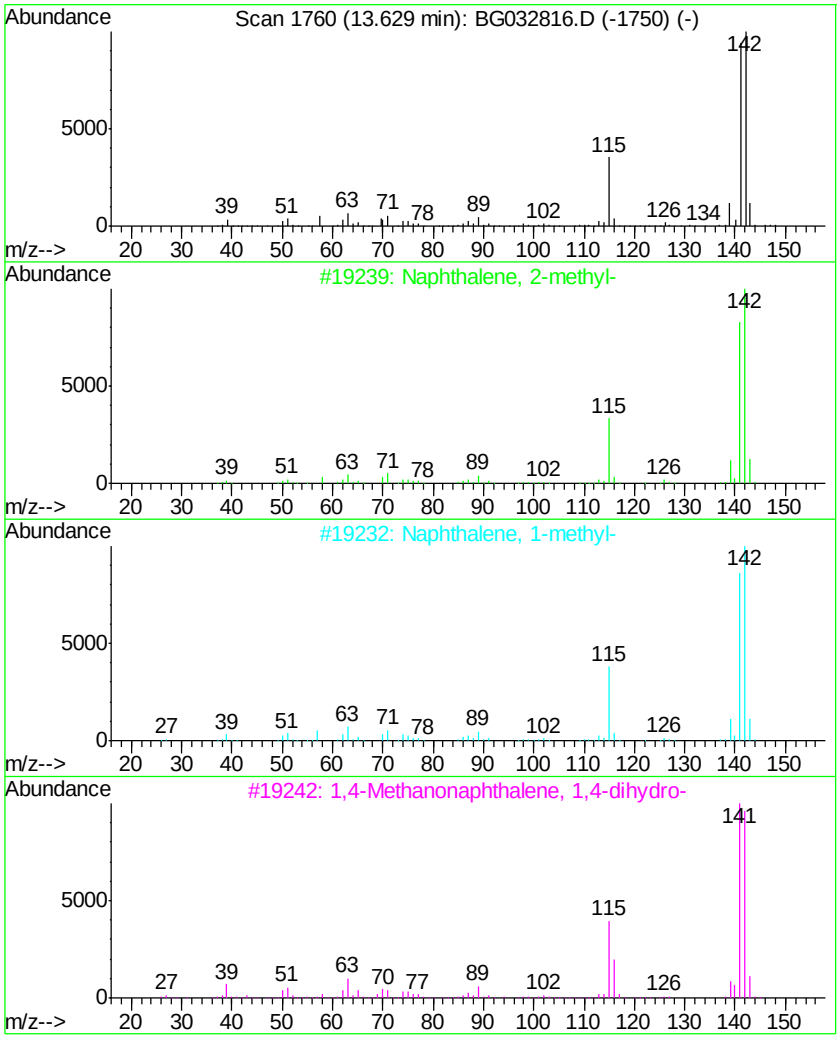
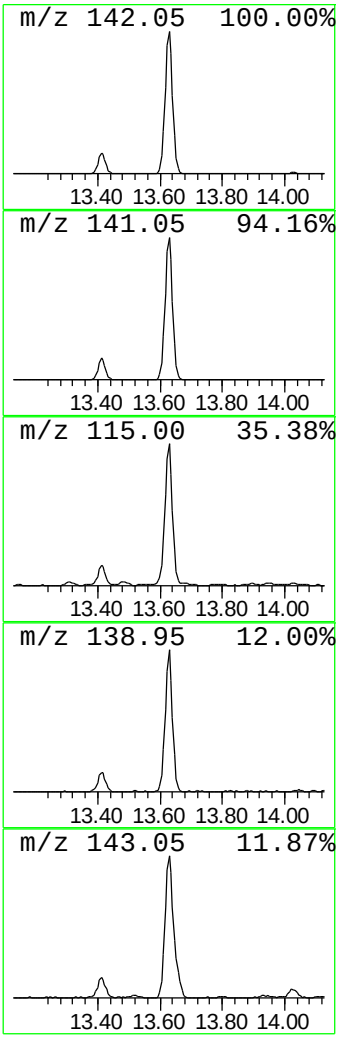
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	41.38 ng	1583030	Naphthalene-d8	11.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





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Sample : J1642-01
Misc :
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Instrument : BNA_G
ClientSampleId : MW-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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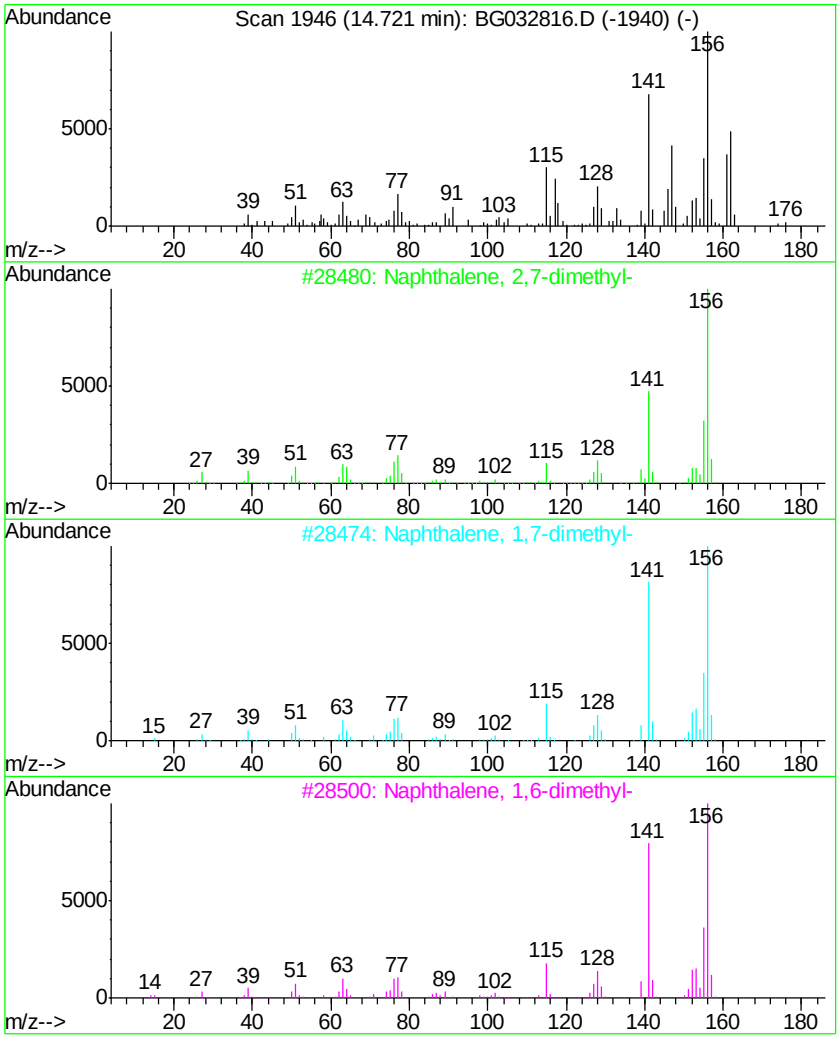
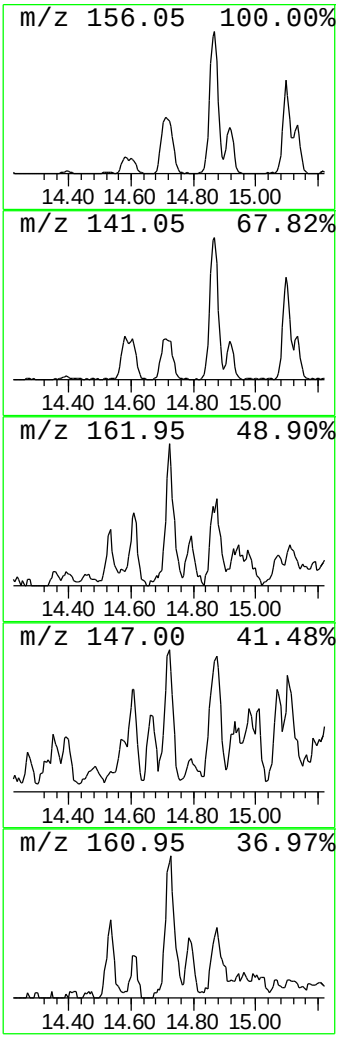
Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	6.29 ng	293868	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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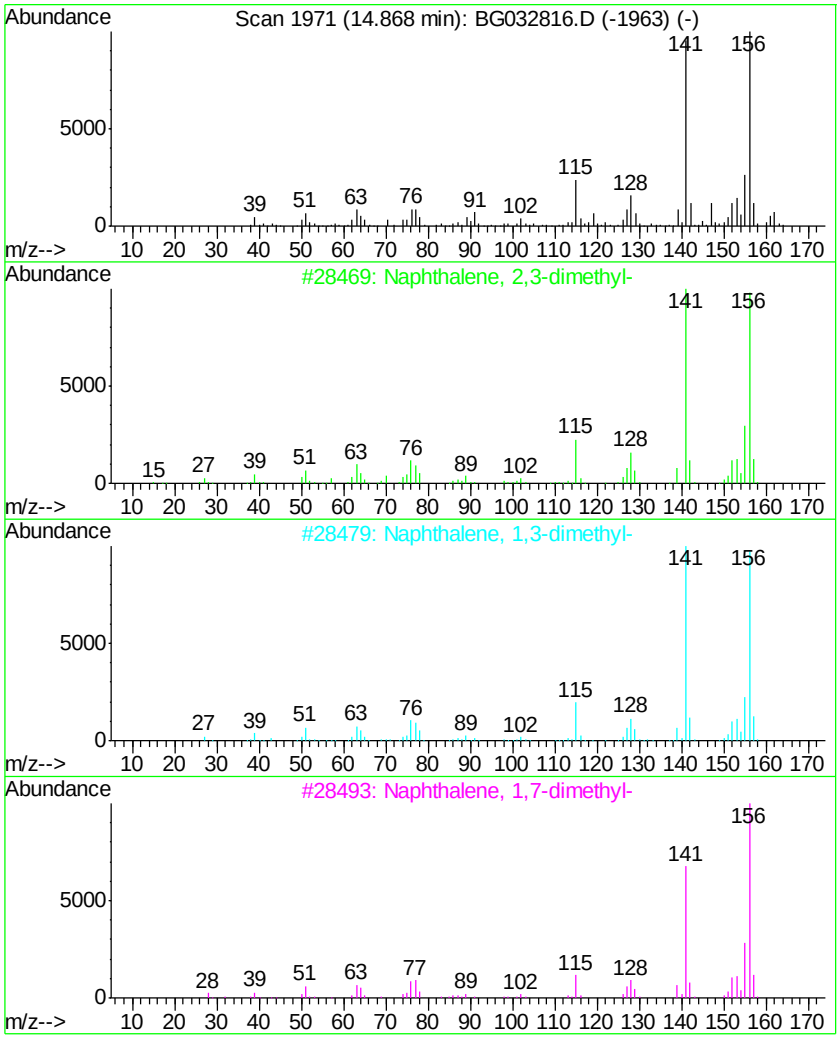
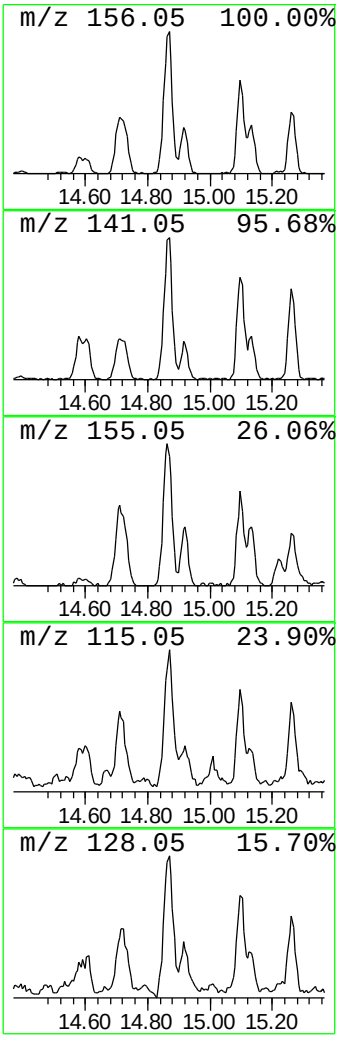
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.34 ng	436598	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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ClientSampleId : MW-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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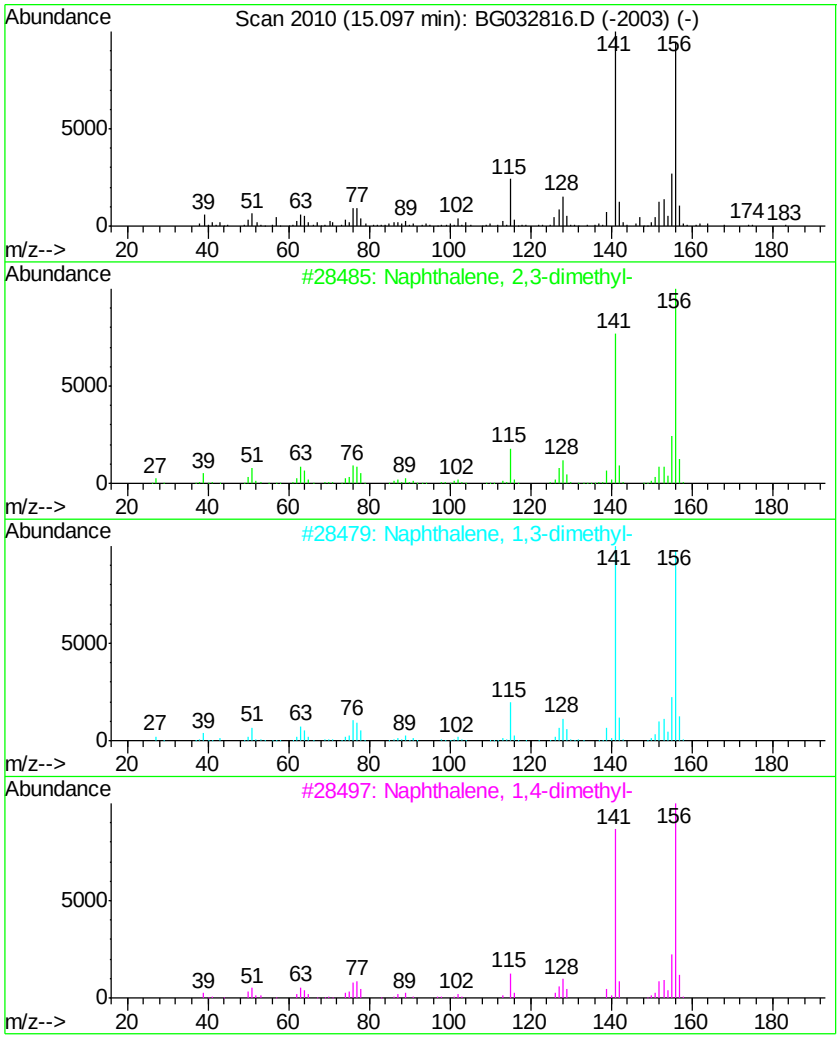
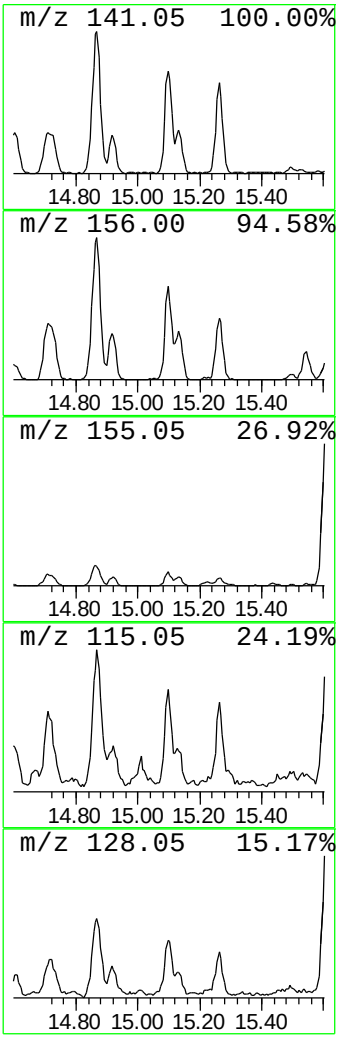
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.35 ng	250012	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-9

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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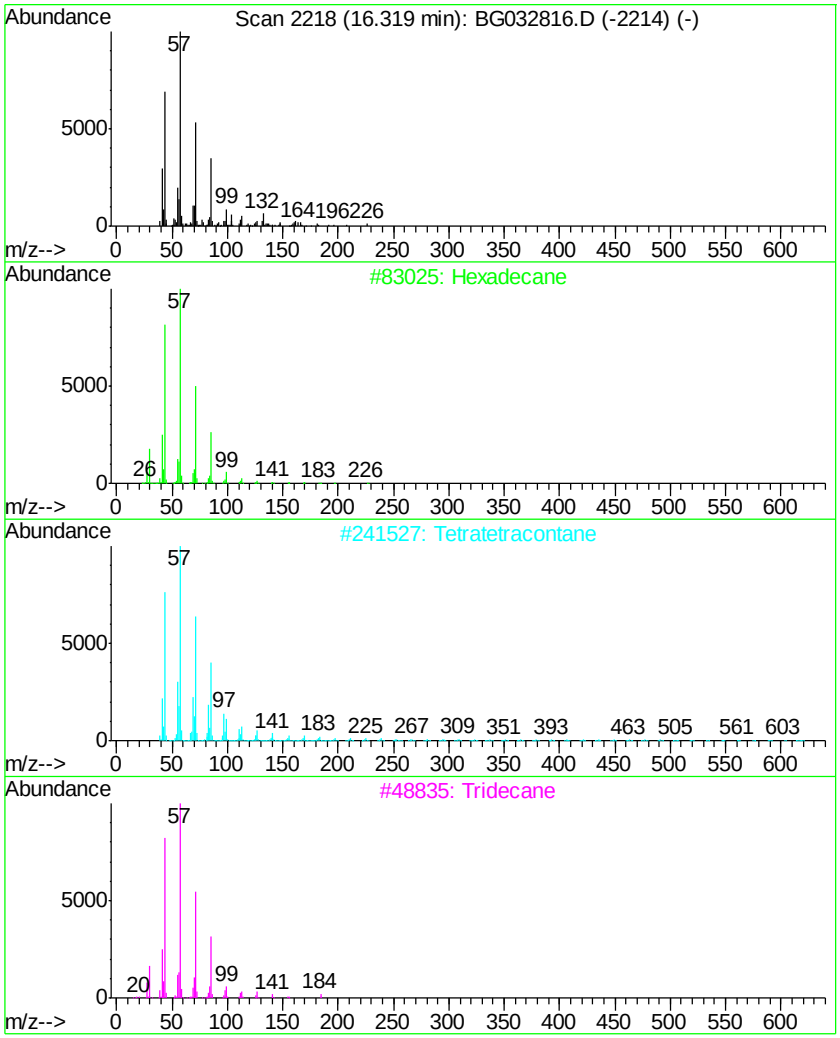
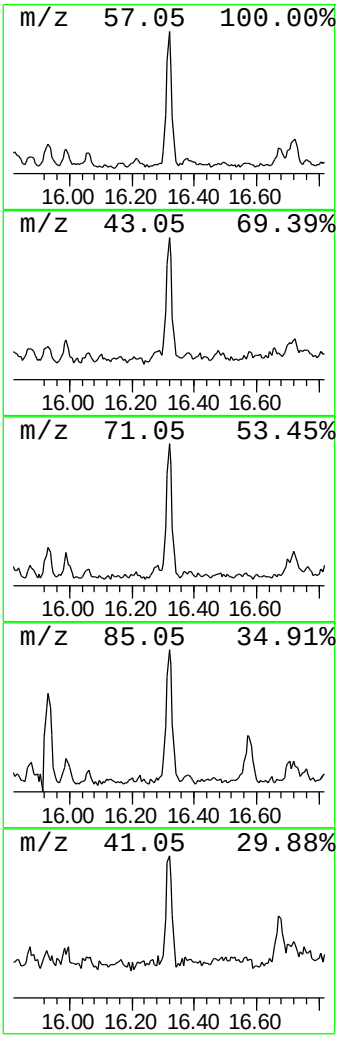
Peak Number 12 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	5.52 ng	257869	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tetratetracontane	619	C44H90	007098-22-8	80
3	Tridecane	184	C13H28	000629-50-5	78
4	Hexatriacontane	507	C36H74	000630-06-8	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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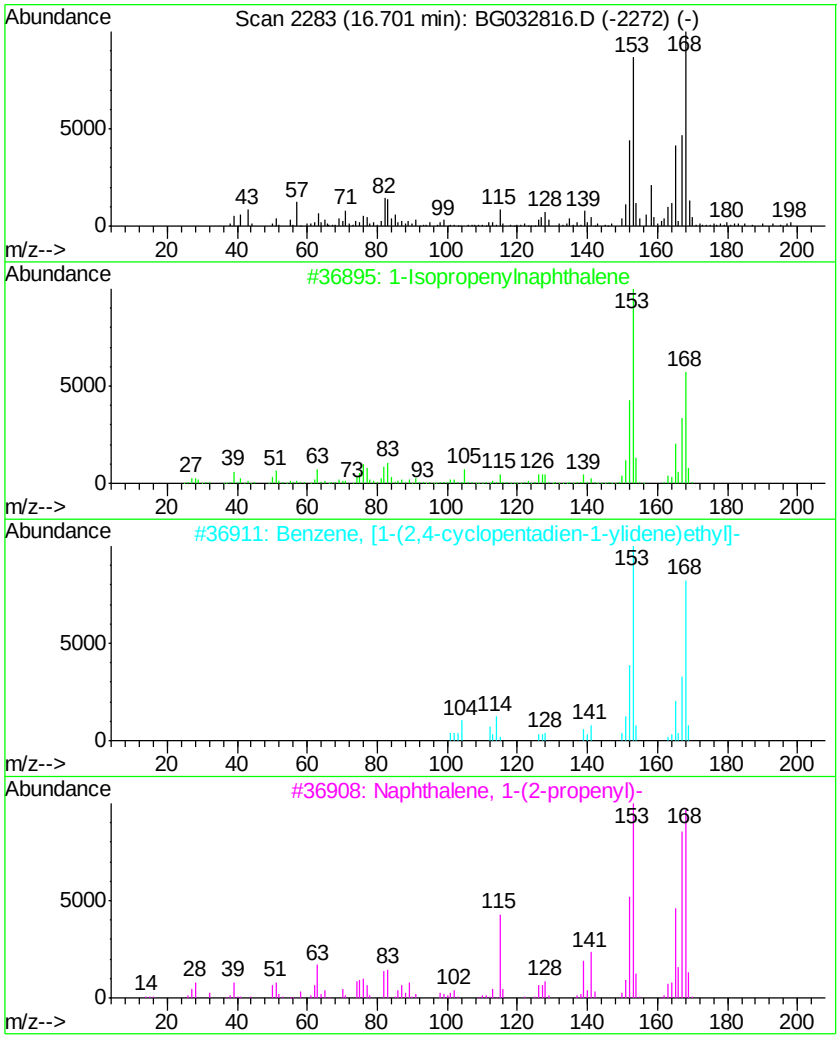
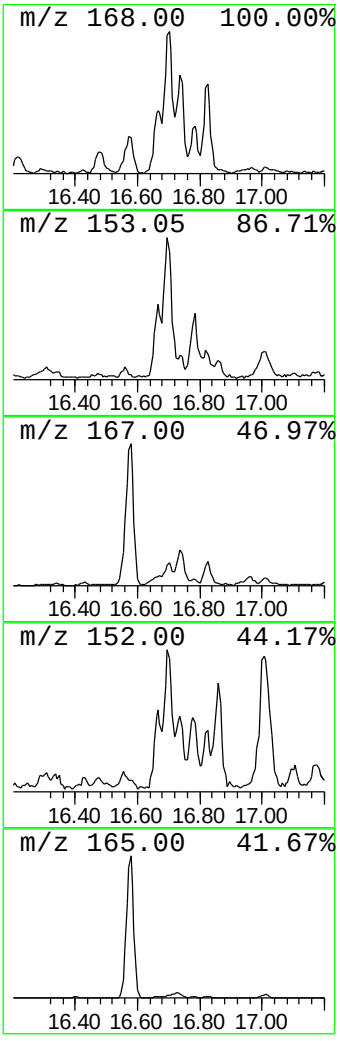
Peak Number 13 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	7.28 ng	340559	Acenaphthene-d10	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	89
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	76
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
4	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	38
5	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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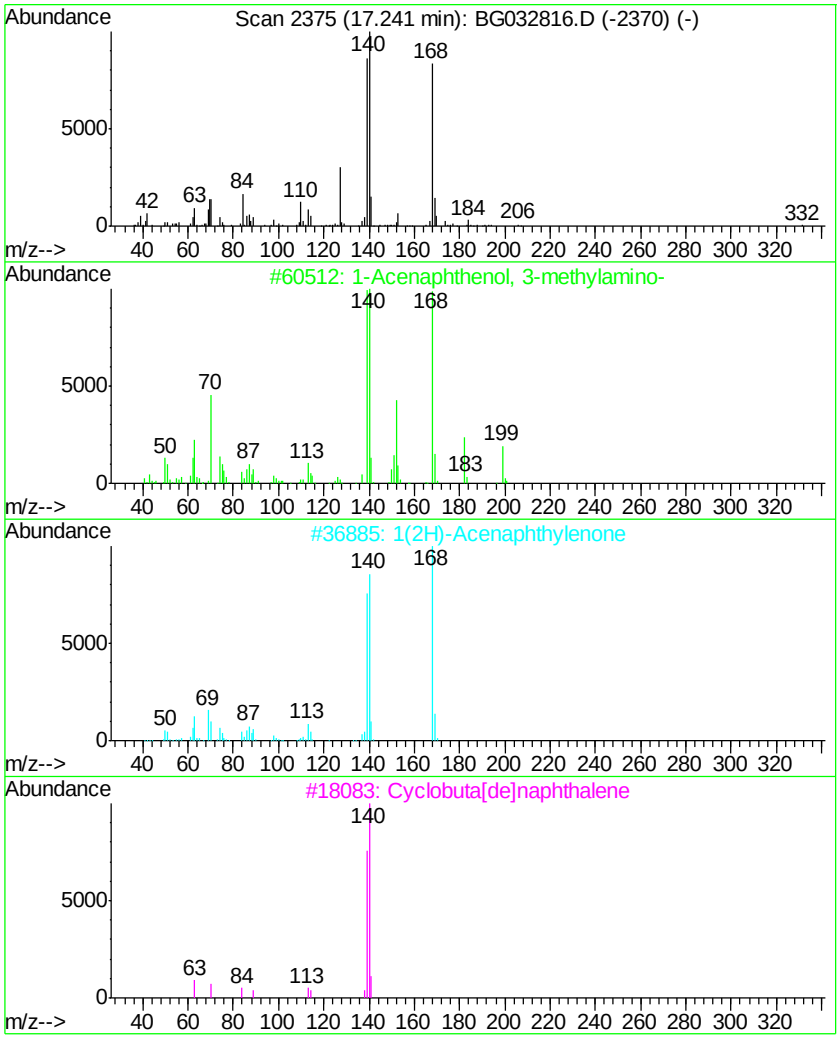
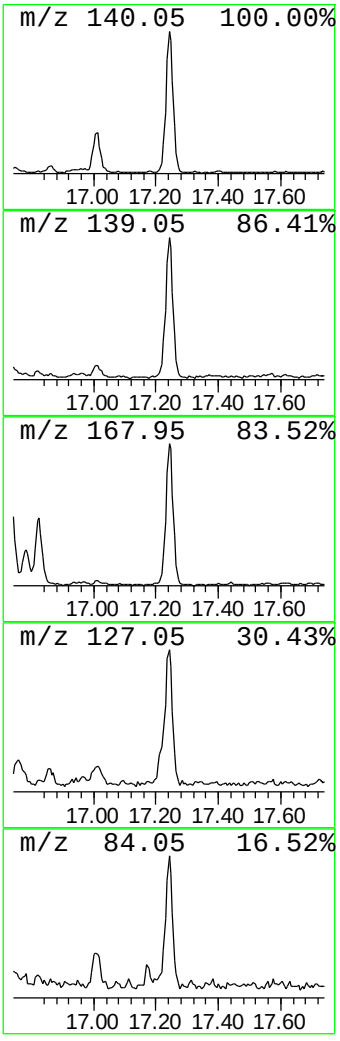
Peak Number 14 1-Acenaphthenol, 3-methylam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	6.68 ng	383193	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	72
2	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	60
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	55
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	47





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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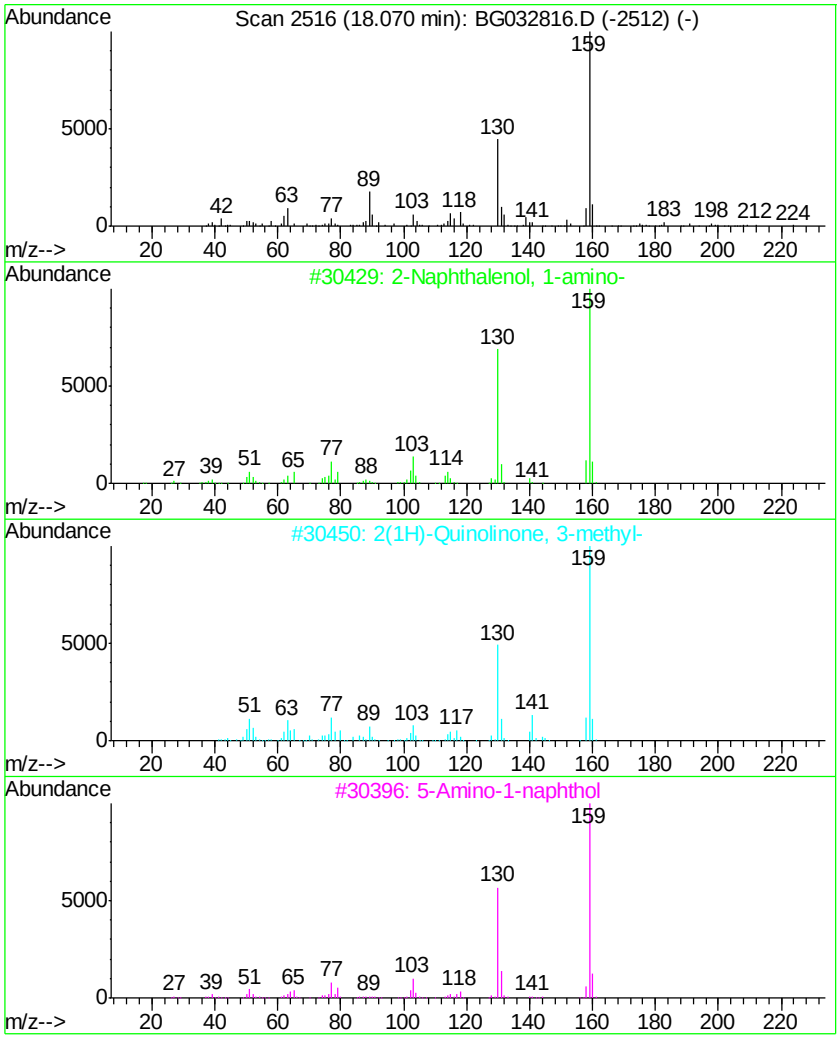
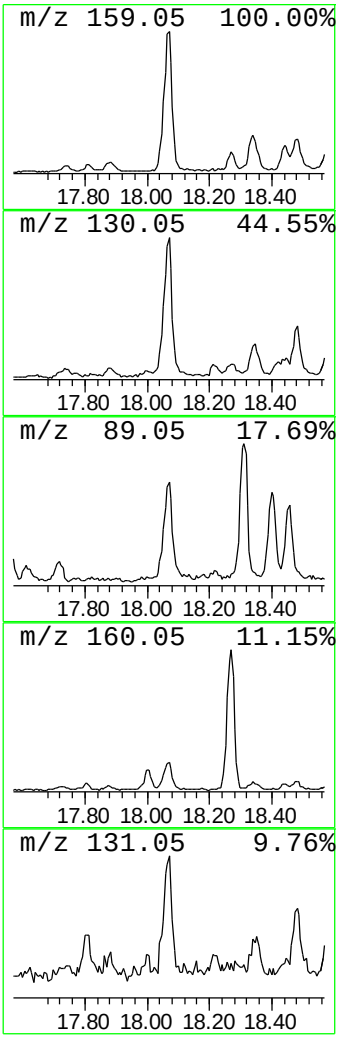
Peak Number 15 2-Naphthalenol, 1-amino- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.92 ng	339491	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	87
2	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	80
3	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	72
4	2(1H)-Quinolinone, 1-methyl-	159	C10H9NO	000606-43-9	72
5	1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	72





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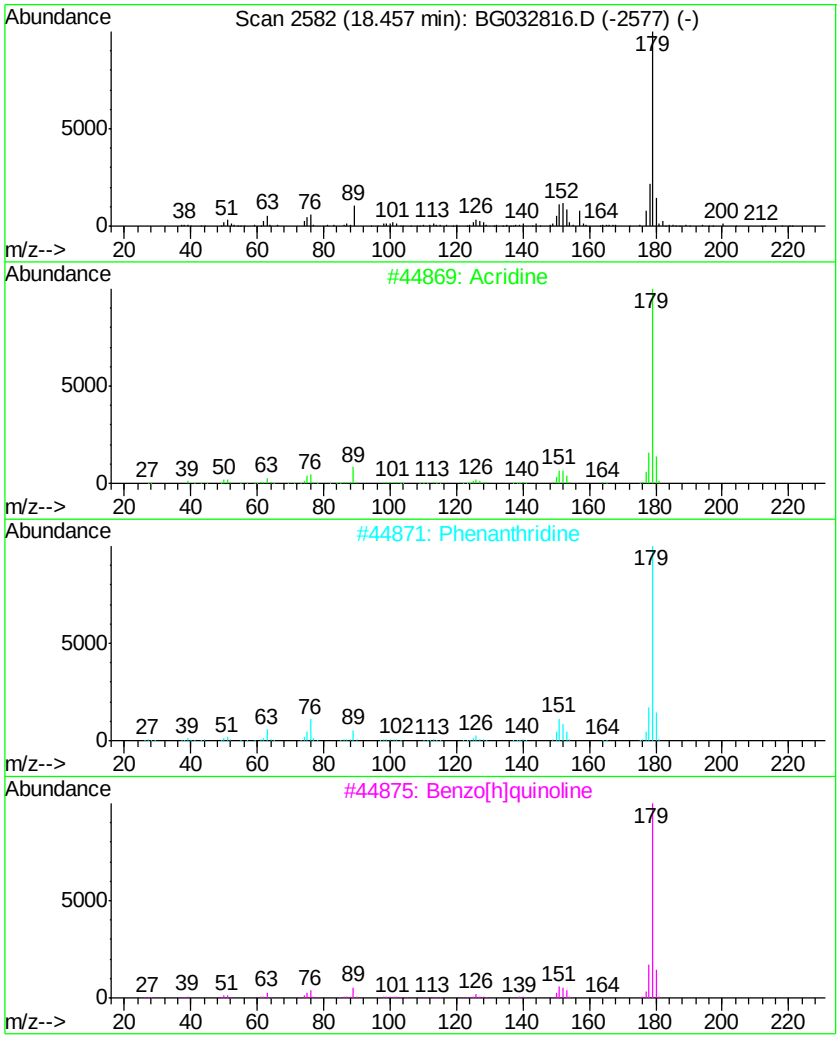
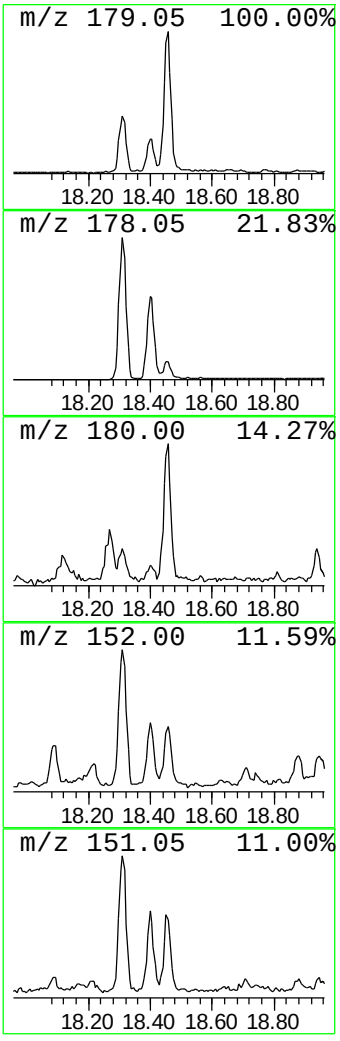
Peak Number 16 Acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	6.73 ng	385927	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Phenanthridine	179	C13H9N	000229-87-8	94
3	Benzo[h]quinoline	179	C13H9N	000230-27-3	91
4	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	90
5	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	90





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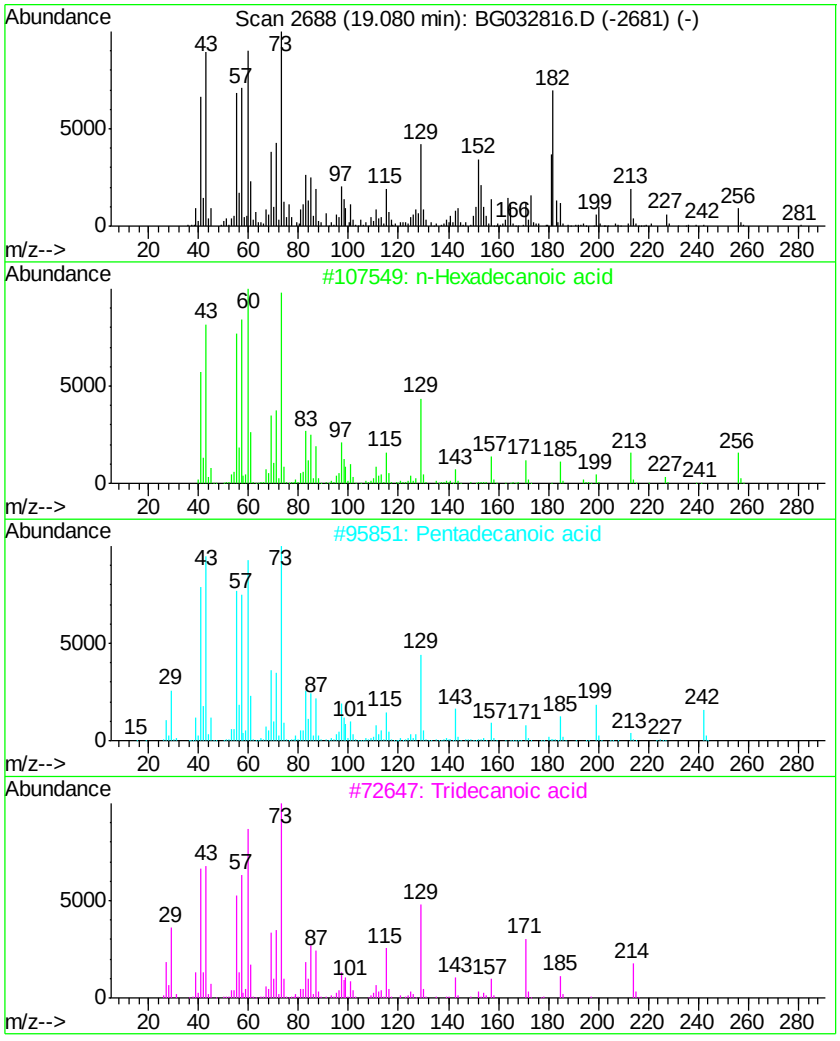
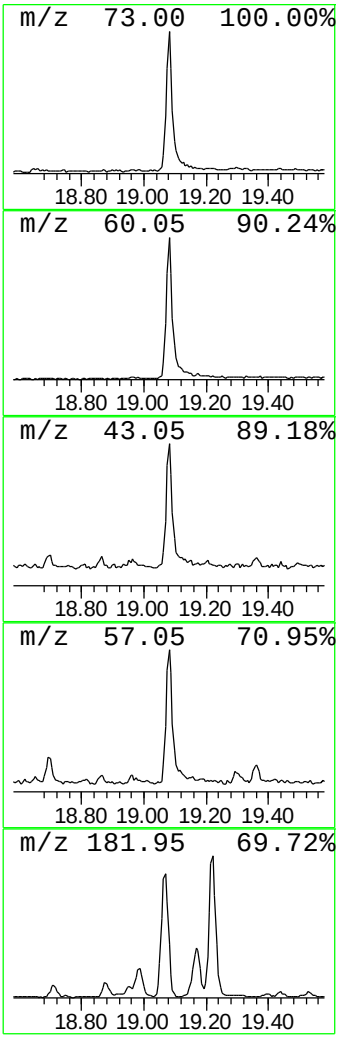
Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	14.12 ng	809451	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	50





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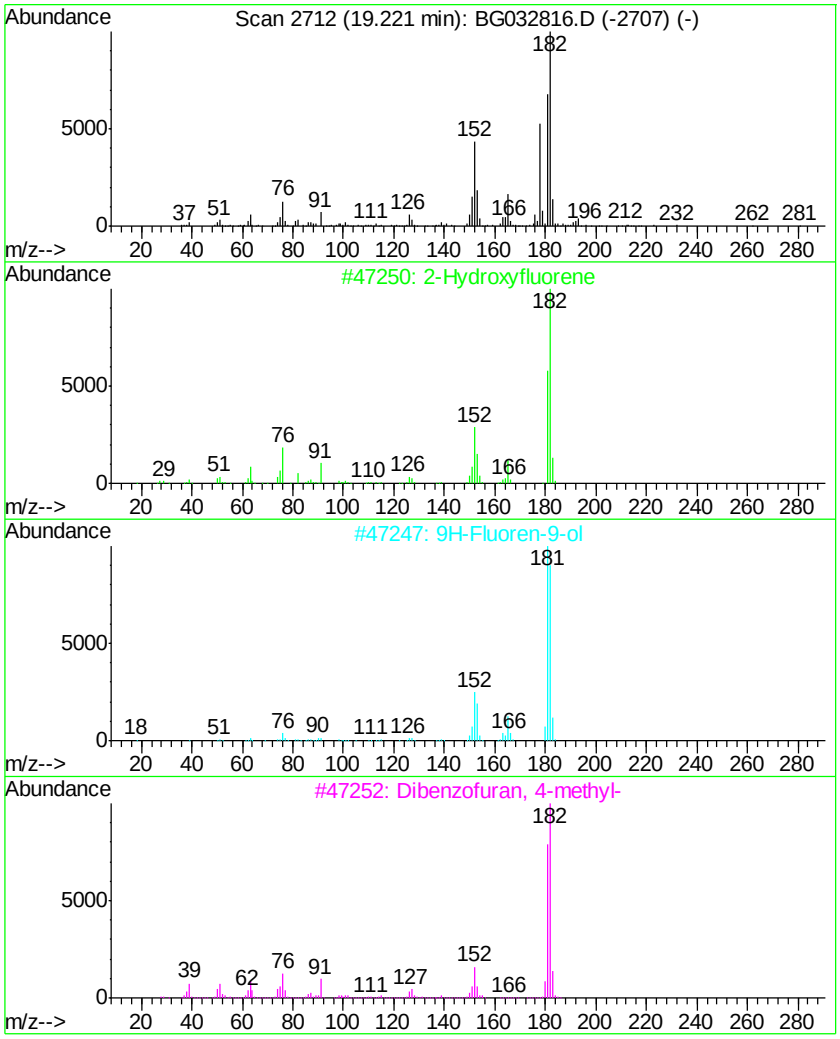
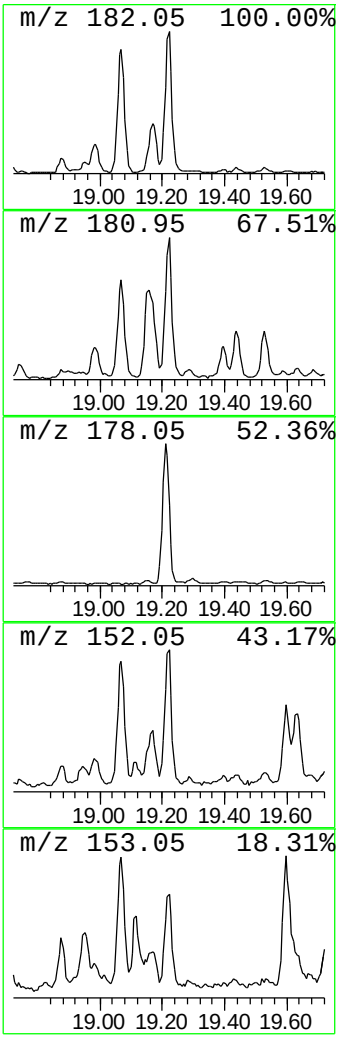
Peak Number 18 2-Hydroxyfluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	7.42 ng	425116	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	45
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	45
4	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	38
5	9H-Xanthene	182	C13H10O	000092-83-1	38





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

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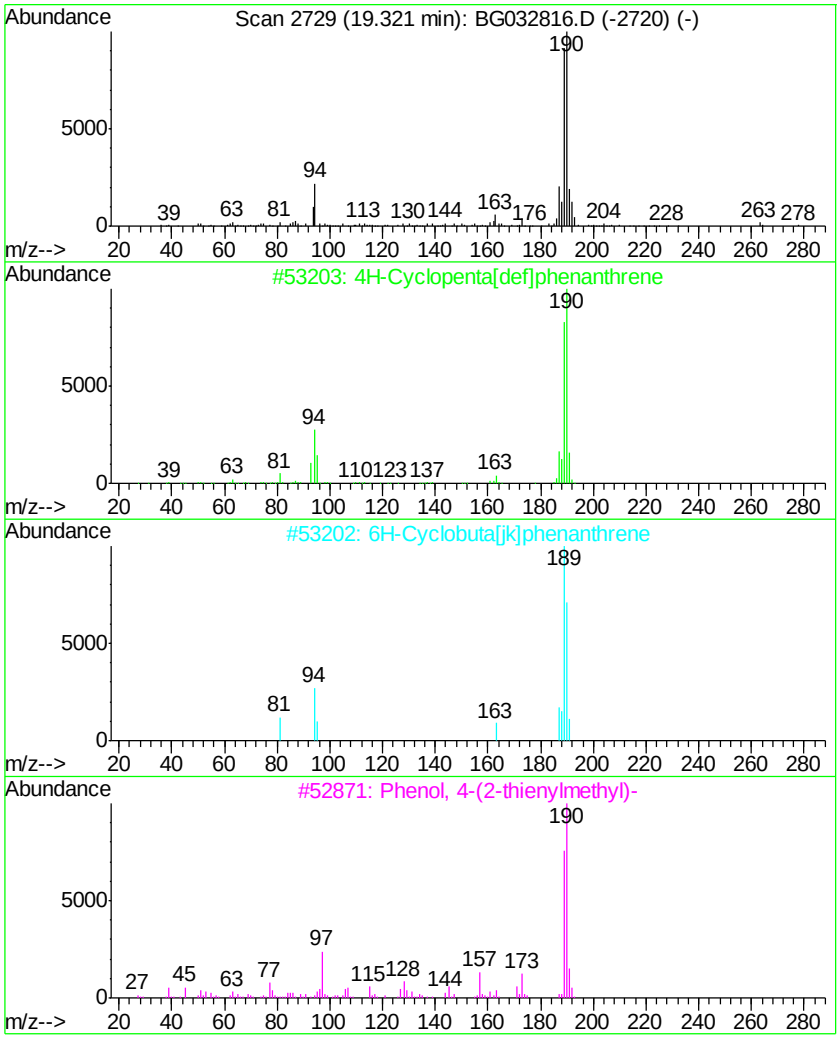
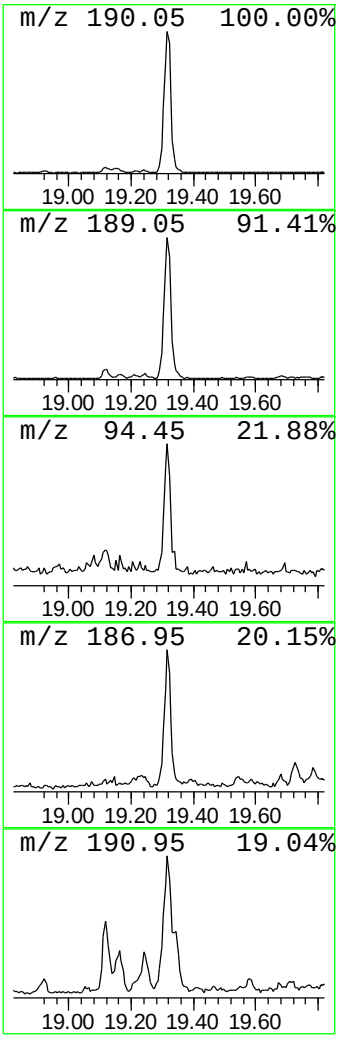
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	9.75 ng	559085	Phenanthrene-d10	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

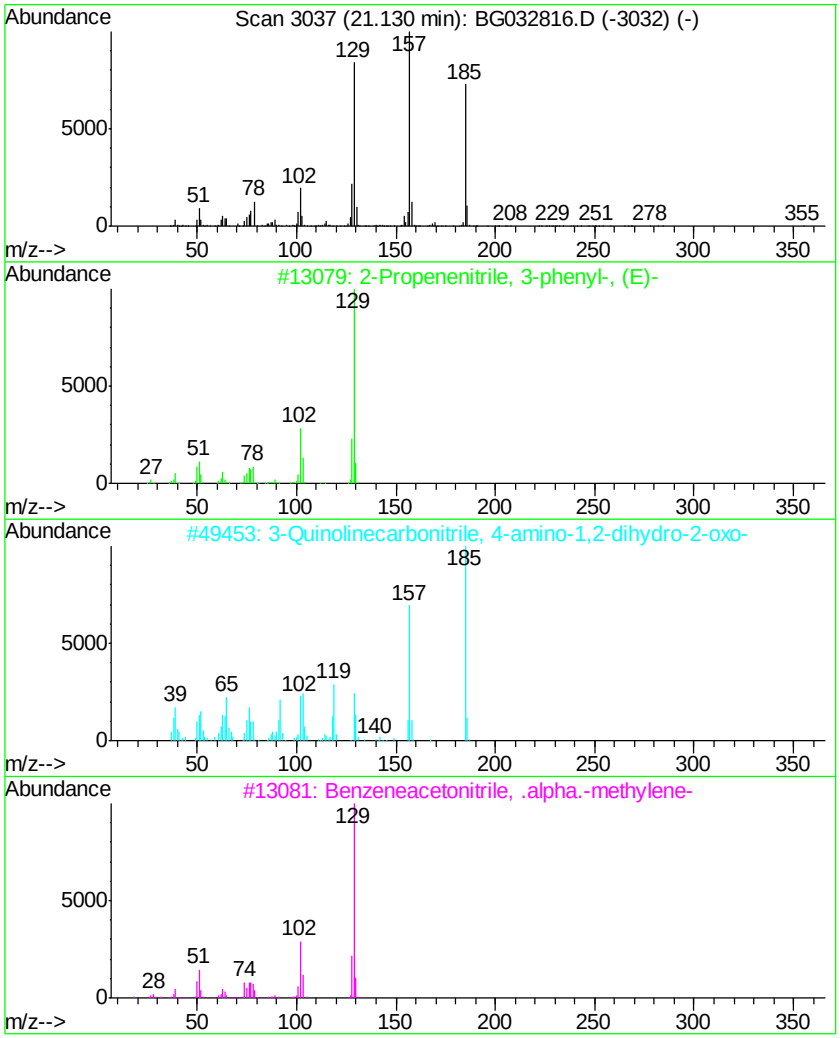
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

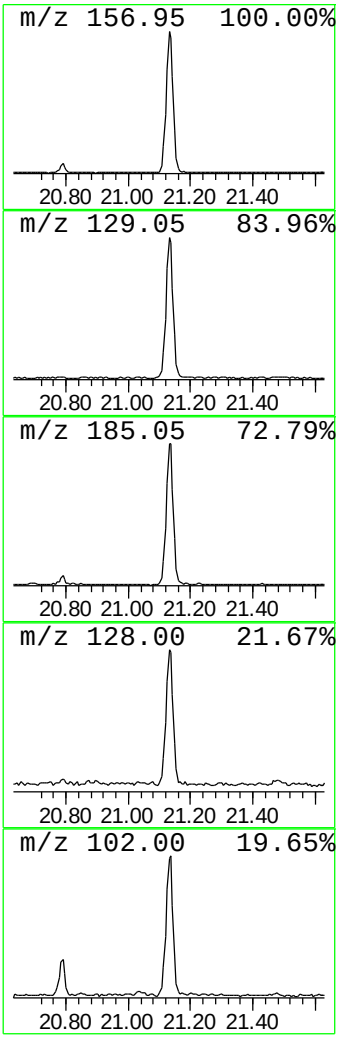
****

Peak Number 20 2-Propenenitrile, 3-phenyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	10.68 ng	688135	Chrysene-d12	22.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	46
2	3-Quinolinecarbonitrile, 4-amino...	185	C10H7N3O	1000338-36-1	43
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	41
4	Isoquinoline	129	C9H7N	000119-65-3	41
5	Benzonitrile, 4-ethenyl-	129	C9H7N	003435-51-6	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022618\
Data File : BG032816.D
Acq On : 26 Feb 2018 10:57
Operator : SJ/JU
Sample : J1642-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.62	58.1	ng	1471890	1	8.93	506288	20.0
unknown8.44	8.44	89.8	ng	2273980	1	8.93	506288	20.0
Indane	9.32	11.4	ng	288218	1	8.93	506288	20.0
Benzo[c]thiophene...	12.89	5.4	ng	206963	2	11.81	765182	20.0
Benzo[b]thiophene...	13.31	5.8	ng	221097	2	11.81	765182	20.0
Naphthalene, 1-me...	13.63	41.4	ng	1583030	2	11.81	765182	20.0
Naphthalene, 2,7-...	14.72	6.3	ng	293868	3	15.54	935082	20.0
Naphthalene, 2,3-...	14.87	9.3	ng	436598	3	15.54	935082	20.0
Naphthalene, 1,3-...	15.10	5.3	ng	250012	3	15.54	935082	20.0
Hexadecane	16.32	5.5	ng	257869	3	15.54	935082	20.0
1-Isopropenylnaph...	16.70	7.3	ng	340559	3	15.54	935082	20.0
1-Acenaphthenol, ...	17.24	6.7	ng	383193	4	18.27	1146570	20.0
2-Naphthalenol, 1...	18.07	5.9	ng	339491	4	18.27	1146570	20.0
Acridine	18.46	6.7	ng	385927	4	18.27	1146570	20.0
n-Hexadecanoic acid	19.08	14.1	ng	809451	4	18.27	1146570	20.0
2-Hydroxyfluorene	19.22	7.4	ng	425116	4	18.27	1146570	20.0
4H-Cyclopenta[def...	19.32	9.8	ng	559085	4	18.27	1146570	20.0
2-Propenenitrile,...	21.13	10.7	ng	688135	5	22.63	1288780	20.0