LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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	5.617	423	430	454	rBV	747857	1321128	4.28%	0.591%
2	7.215	691	702	718	rBV	840331	1596200	5.17%	0.714%
3	7.579	754	764	776	rBV	815487	1517532	4.92%	0.679%
4	8.361	887	897	903	rBV	618985	1127932	3.65%	0.504%
5	9.201	1033	1040	1051	rVB	472069	920133	2.98%	0.412%
6	10.846	1308	1320	1323	rBV	231338	490206	1.59%	0.219%
7	10.905	1323	1330	1342	rVV	3643670	7379216	23.91%	3.300%
8	11.017	1342	1349	1365	rVB	208425	465228	1.51%	0.208%
9	12.503	1593	1602	1608	rBV	1898152	3348943	10.85%	1.498%
10	12.720	1627	1639	1648	rVB	1505808	2740783	8.88%	1.226%
11	13.290	1728	1736	1748	rBV	1431631	2297231	7.44%	1.027%
12	13.502	1765	1772	1784	rVB	999446	1559686	5.05%	0.698%
13	13.696	1800	1805	1818	rVB	361616	760762	2.47%	0.340%
14	13.843	1818	1830	1838	rBV2	852805	2370165	7.68%	1.060%
15	13.990	1846	1855	1860	rBV	1090548	2047886	6.64%	0.916%
16	14.042	1860	1864	1871	rVB	430456	686433	2.22%	0.307%
17	14.225	1885	1895	1899	rBV	761134	1267762	4.11%	0.567%
18	14.389	1913	1923	1935	rVB	362000	650076	2.11%	0.291%
19	14.642	1959	1966	1968	rBV	401584	685668	2.22%	0.307%
20	14.665	1968	1970	1975	rVV2	423590	596119	1.93%	0.267%
21	14.736	1975	1982	1989	rVV	3210269	5288942	17.14%	2.365%
22	14.877	1999	2006	2014	rBV	186148	462475	1.50%	0.207%
23	14.977	2014	2023	2027	rBV2	207093	400699	1.30%	0.179%
24	15.071	2032	2039	2046	rVV	3537093	5900140	19.12%	2.639%
25	15.141	2046	2051	2058	rVB	324442	495269	1.60%	0.221%
26	15.282	2067	2075	2080	rBV3	274884	567323	1.84%	0.254%
27	15.335	2080	2084	2096	rVB	453057	710380	2.30%	0.318%
28	15.453	2096	2104	2107	rBV2	220286	485533	1.57%	0.217%
29	15.629	2130	2134	2142	rVV5	174095	378320	1.23%	0.169%
30	15.729	2142	2151	2160	rVV	4928123	8962594	29.04%	4.008%
31	15.811	2160	2165	2167	rVV	216428	367921	1.19%	0.165%
32	15.840	2167	2170	2172	rVV2	329553	461220	1.49%	0.206%
33	15.876	2172	2176	2181	rVV2	544765	966498	3.13%	0.432%
34	15.964	2187	2191	2194	rVV	373181	618157	2.00%	0.276%

LSC Area Percent Report

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Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.011	2194	2199	2210	rVV	838107	1439536	4.66%	0.644%
36	16.158	2210	2224	2232	rVV2	2218426	5079201	16.46%	2.272%
37	16.246	2232	2239	2245	rVB2	181308	387318	1.26%	0.173%
38	16.387	2253	2263	2269	rVB7	155602	353261	1.14%	0.158%
39	16.510	2275	2284	2291	rBV3	233452	497027	1.61%	0.222%
40	16.716	2308	2319	2324	rBV2	707940	1523260	4.94%	0.681%
41	16.769	2324	2328	2333	rVB	297659	452086	1.46%	0.202%
42	16.863	2339	2344	2350	rVB2	276270	476249	1.54%	0.213%
43	16.945	2350	2358	2361	rBV2	253769	569725	1.85%	0.255%
44	17.074	2375	2380	2386	rVB2	236662	445369	1.44%	0.199%
45	17.145	2386	2392	2400	rBV3	279143	669383	2.17%	0.299%
46	17.233	2401	2407	2428	rVB	1175781	2182126	7.07%	0.976%
47	17.485	2429	2450	2456	rBV	10533288	23587835	76.43%	10.549%
48	17.591	2456	2468	2477	rVV	12730411	30860683	100.00%	13.802%
49	17.703	2481	2487	2495	rVB	425539	802372	2.60%	0.359%
50	17.844	2501	2511	2522	rBV	5147435	10200129	33.05%	4.562%
51	17.938	2522	2527	2533	rVV2	242533	438259	1.42%	0.196%
52	18.002	2533	2538	2546	rVV3	257079	551190	1.79%	0.247%
53	18.144	2556	2562	2570	rVB	184726	424890	1.38%	0.190%
54	18.296	2582	2588	2592	rBV	1273097	2092231	6.78%	0.936%
55	18.343	2592	2596	2603	rVB	1826752	2749768	8.91%	1.230%
56	18.431	2603	2611	2616	rBV	2090058	3434253	11.13%	1.536%
57	18.496	2616	2622	2625	rVV3	1972597	3724545	12.07%	1.666%
58	18.525	2625	2627	2634	rVV	939644	1177078	3.81%	0.526%
59	18.596	2634	2639	2642	rVV	330115	465417	1.51%	0.208%
60	18.637	2642	2646	2651	rVB	466760	650550	2.11%	0.291%
61	18.784	2666	2671	2677	rBV	779799	1173486	3.80%	0.525%
62	19.084	2717	2722	2725	rBV	274783	359826	1.17%	0.161%
63	19.119	2725	2728	2733	rVB	266147	363583	1.18%	0.163%
64	19.201	2736	2742	2747	rBV2	684692	1214496	3.94%	0.543%
65	19.266	2747	2753	2756	rBV2	284101	502195	1.63%	0.225%
66	19.342	2762	2766	2775	rVB3	181221	446868	1.45%	0.200%
67	19.483	2781	2790	2795	rBV	6298798	10980385	35.58%	4.911%
68	19.712	2823	2829	2832	rBV	301442	468349	1.52%	0.209%
69	19.842	2839	2851	2857	rBV3	4890951	10517770	34.08%	4.704%
70	19.900	2857	2861	2867	rVB3	453290	788030	2.55%	0.352%
71	20.024	2868	2882	2887	rBV2	2731283	4625800	14.99%	2.069%

LSC Area Percent Report

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Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.147	2897	2903	2910	rBV3	472157	1270561	4.12%	0.568%
73	20.288	2921	2927	2928	rVV3	345295	605766	1.96%	0.271%
74	20.323	2928	2933	2938	rVB	1652152	2437562	7.90%	1.090%
75	20.423	2944	2950	2954	rBV	1797395	2601480	8.43%	1.163%
76	20.482	2954	2960	2964	rVV2	632149	1215666	3.94%	0.544%
77	20.617	2979	2983	2987	rVV	354132	584114	1.89%	0.261%
78	20.664	2987	2991	3002	rVB2	429743	907710	2.94%	0.406%
79	21.034	3049	3054	3059	rBV2	233266	485096	1.57%	0.217%
80	21.269	3089	3094	3097	rBV	382320	585415	1.90%	0.262%
81	21.310	3097	3101	3105	rVV2	381067	674865	2.19%	0.302%
82	21.357	3105	3109	3114	rVB2	281922	465272	1.51%	0.208%
83	21.675	3155	3163	3169	rVV3	2475520	5648208	18.30%	2.526%
84	21.739	3169	3174	3185	rVB	2423636	4431429	14.36%	1.982%
85	21.886	3194	3199	3205	rBV	332682	583255	1.89%	0.261%
86	22.033	3218	3224	3230	rVV	969457	1737829	5.63%	0.777%
87	22.098	3230	3235	3242	rVB2	194673	418930	1.36%	0.187%
88	22.415	3282	3289	3297	rBV	337897	797610	2.58%	0.357%
89	22.485	3297	3301	3309	rVB	208265	400969	1.30%	0.179%
90	22.738	3340	3344	3353	rVB3	255673	579563	1.88%	0.259%
91	22.832	3354	3360	3372	rVB5	136246	365344	1.18%	0.163%
92	23.896	3531	3541	3548	rBV2	764947	2664826	8.64%	1.192%
93	24.148	3577	3584	3594	rVB	205723	510617	1.65%	0.228%
94	24.612	3655	3663	3676	rVB	414774	1292341	4.19%	0.578%
95	24.759	3678	3688	3700	rVV	688340	1989932	6.45%	0.890%
96	24.906	3704	3713	3721	rVV	373686	1197175	3.88%	0.535%
97	24.983	3721	3726	3741	rVB2	179832	613629	1.99%	0.274%
98	28.578	4325	4338	4359	rVB3	227033	1195804	3.87%	0.535%
99	29.712	4517	4531	4532	rBV2	135917	409055	1.33%	0.183%
100	30.335	4626	4637	4654	rVB3	72153	360632	1.17%	0.161%

Sum of corrected areas: 223599744

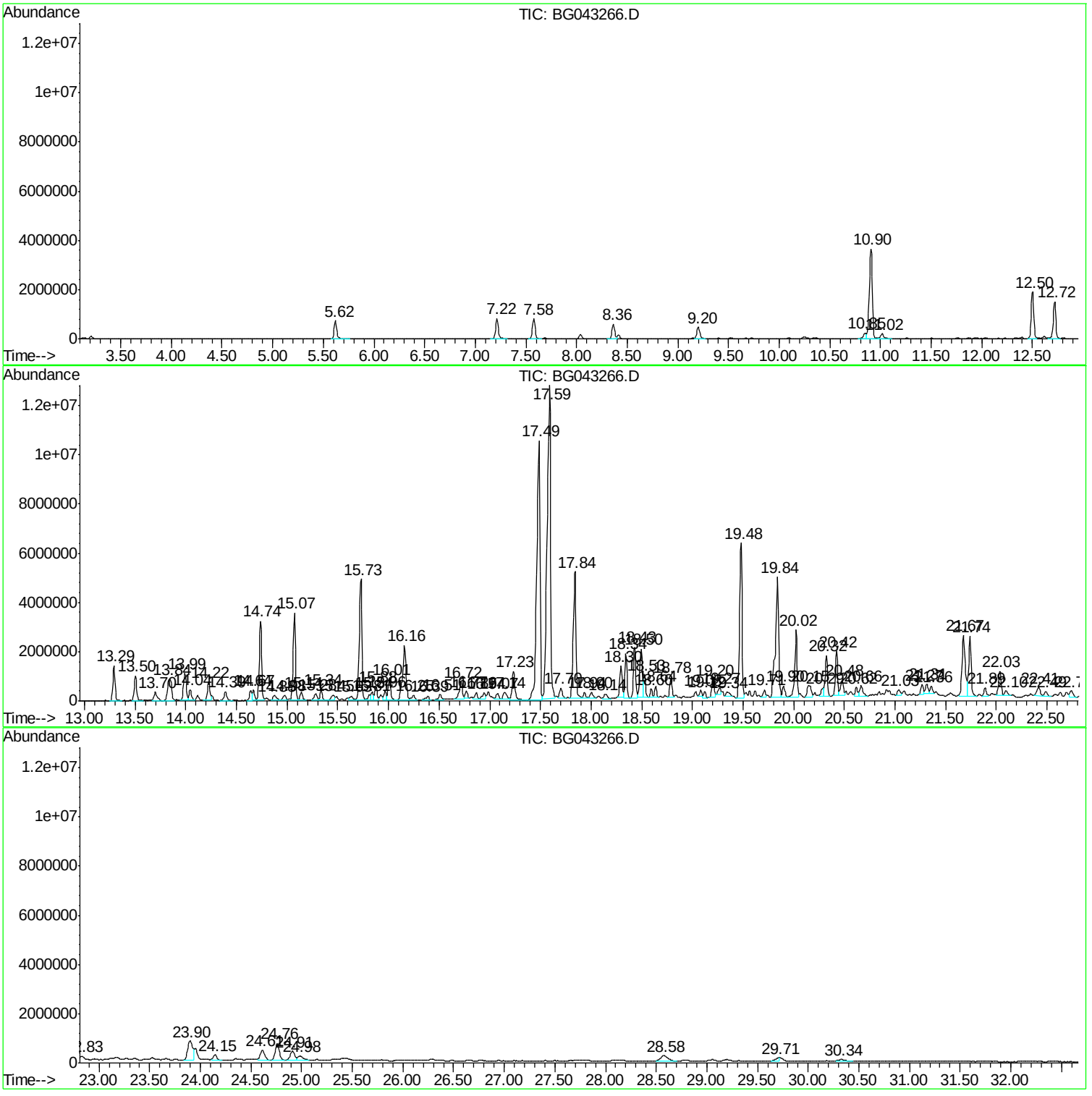
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

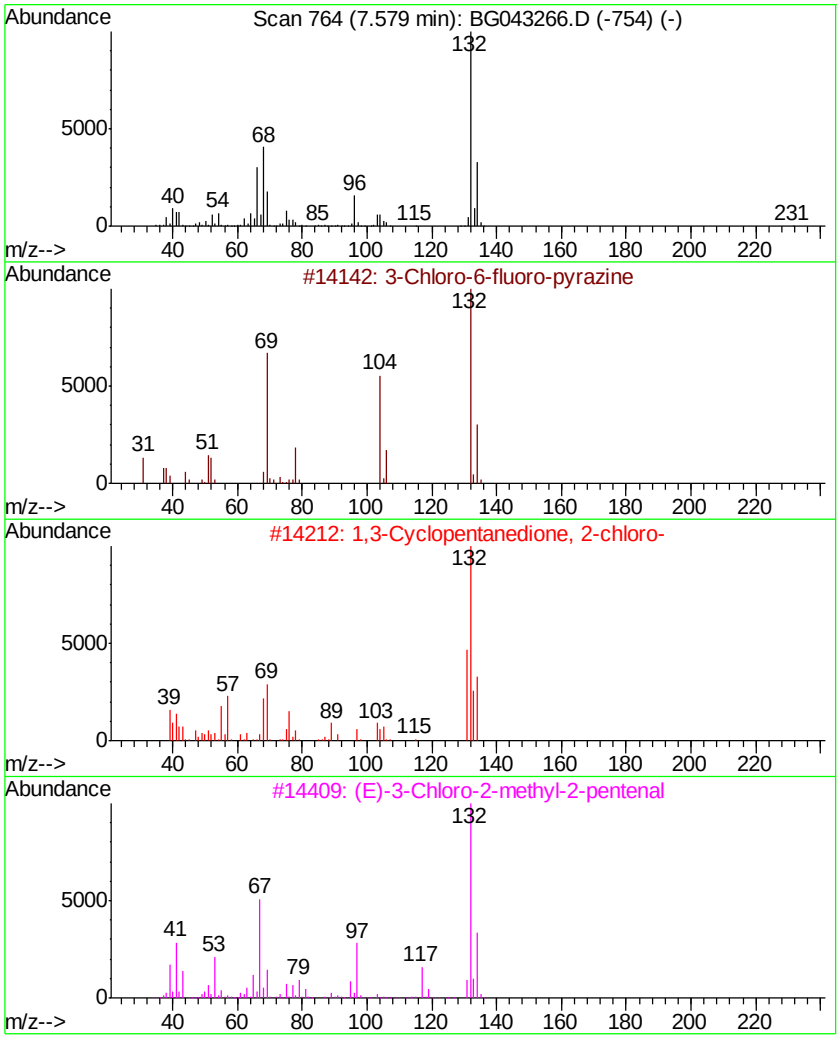
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

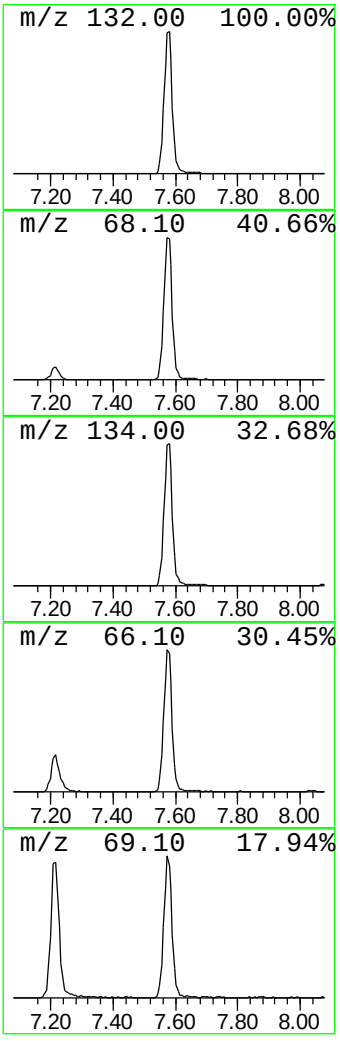
****

Peak Number 1 unknown7.58 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	26.91 ng	1517530	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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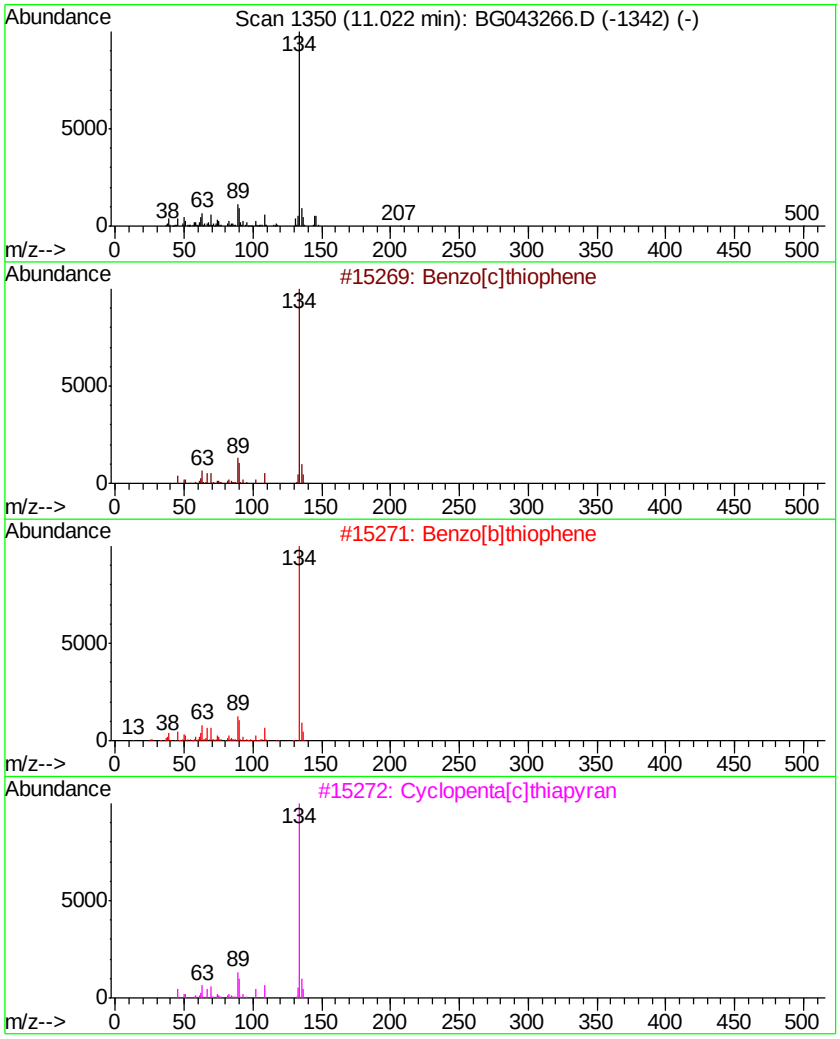
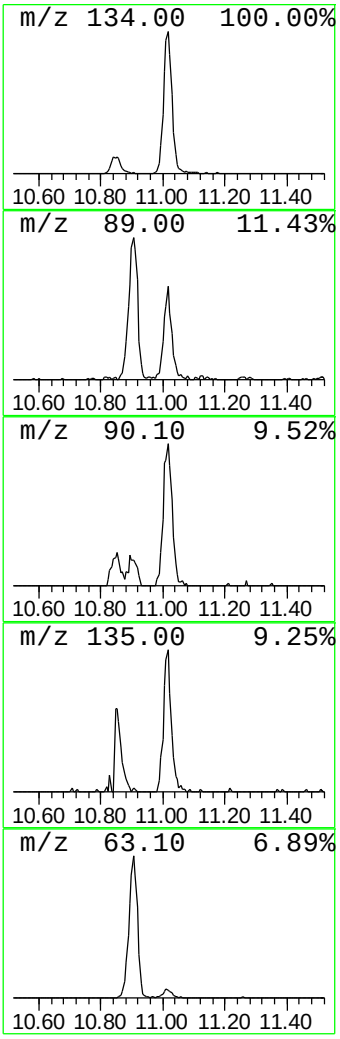
Peak Number 3 Benzo[c]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	18.98 ng	465228	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	56
5	Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	39





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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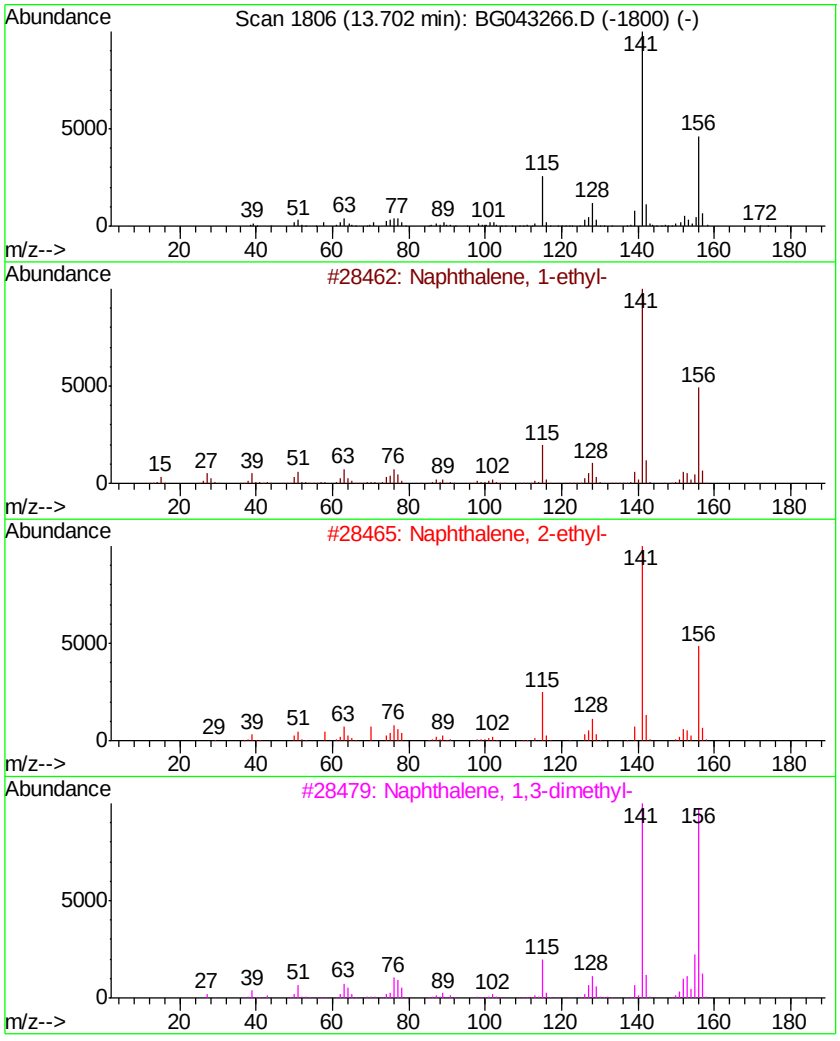
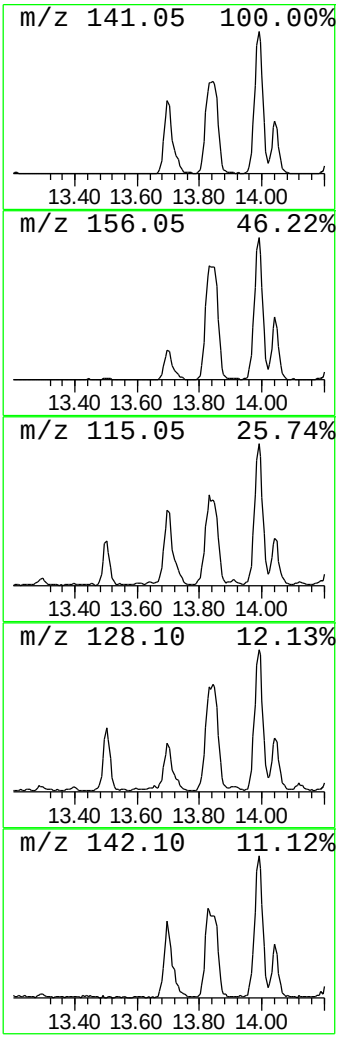
Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	25.52 ng	760762	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	80
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53





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Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
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Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

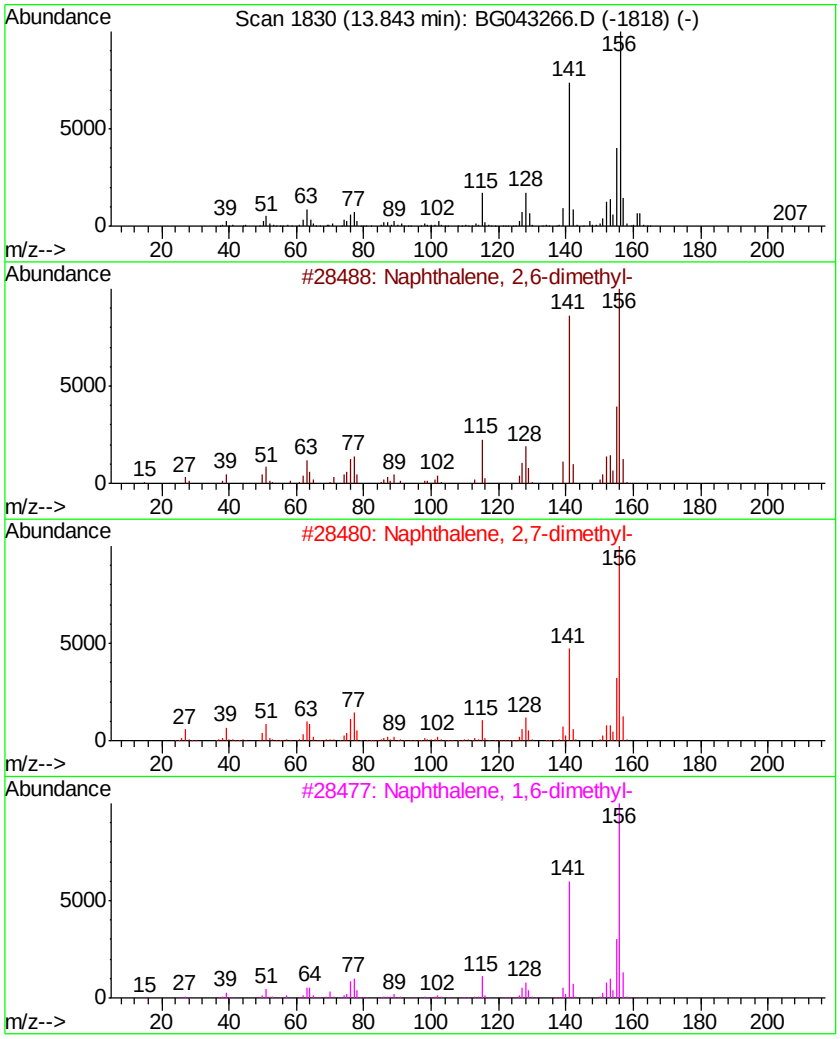
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

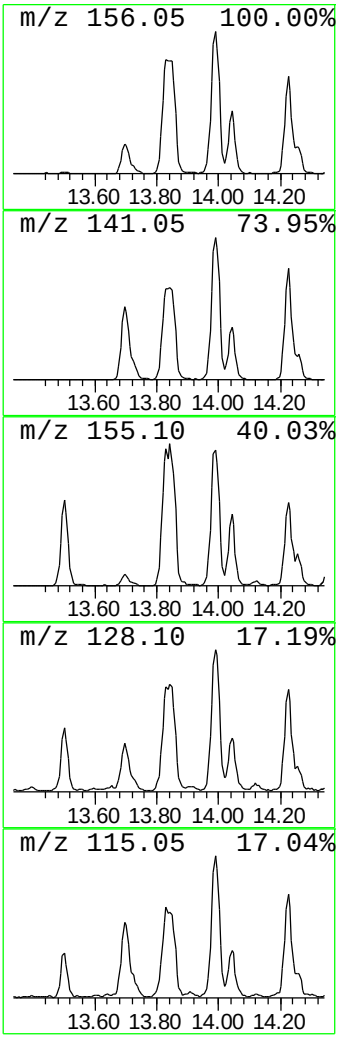
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	79.52 ng	2370170	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
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Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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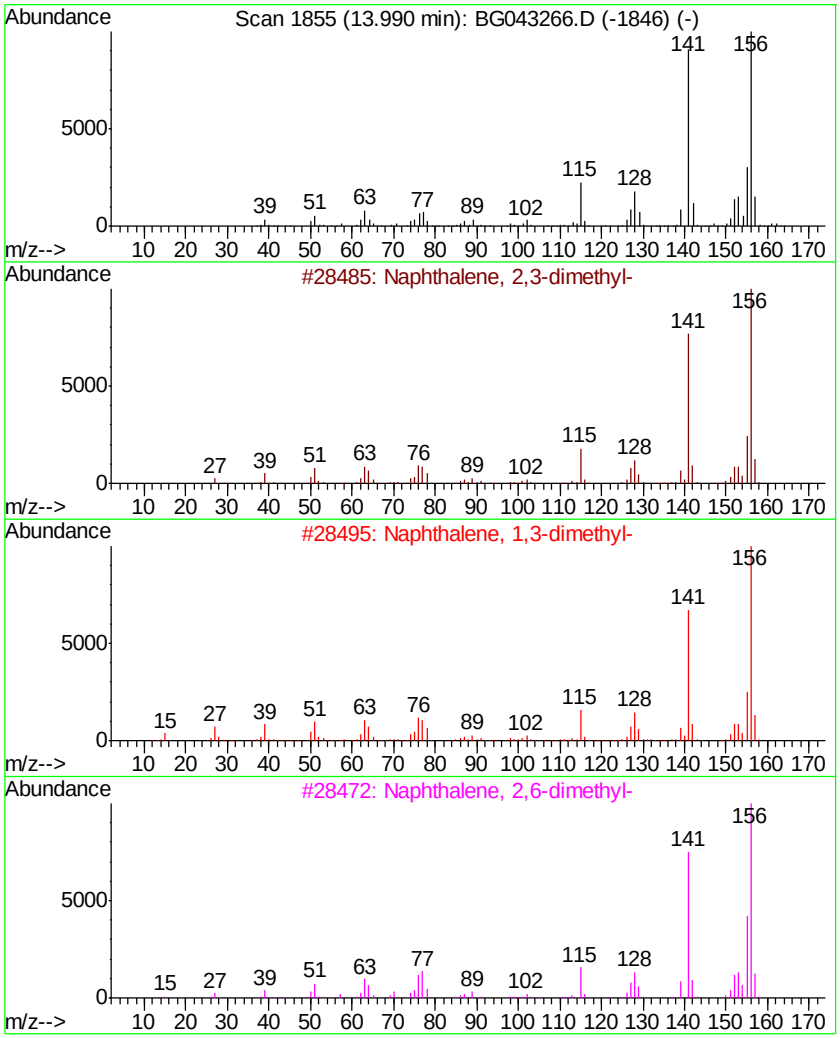
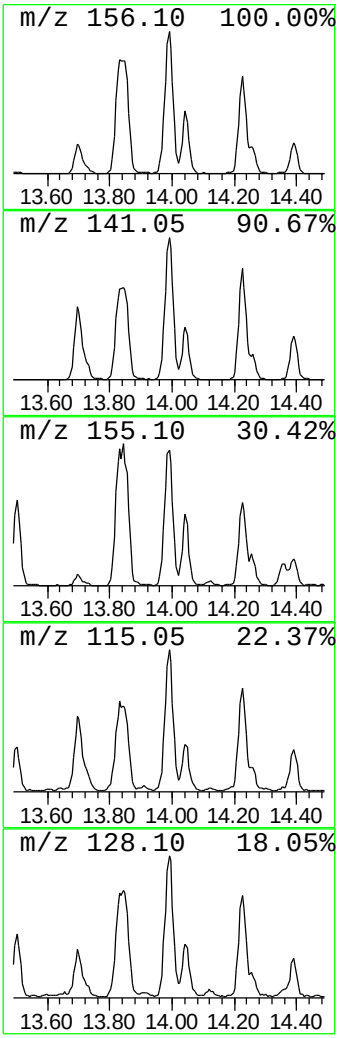
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	68.71 ng	2047890	Acenaphthene-d10	14.67

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	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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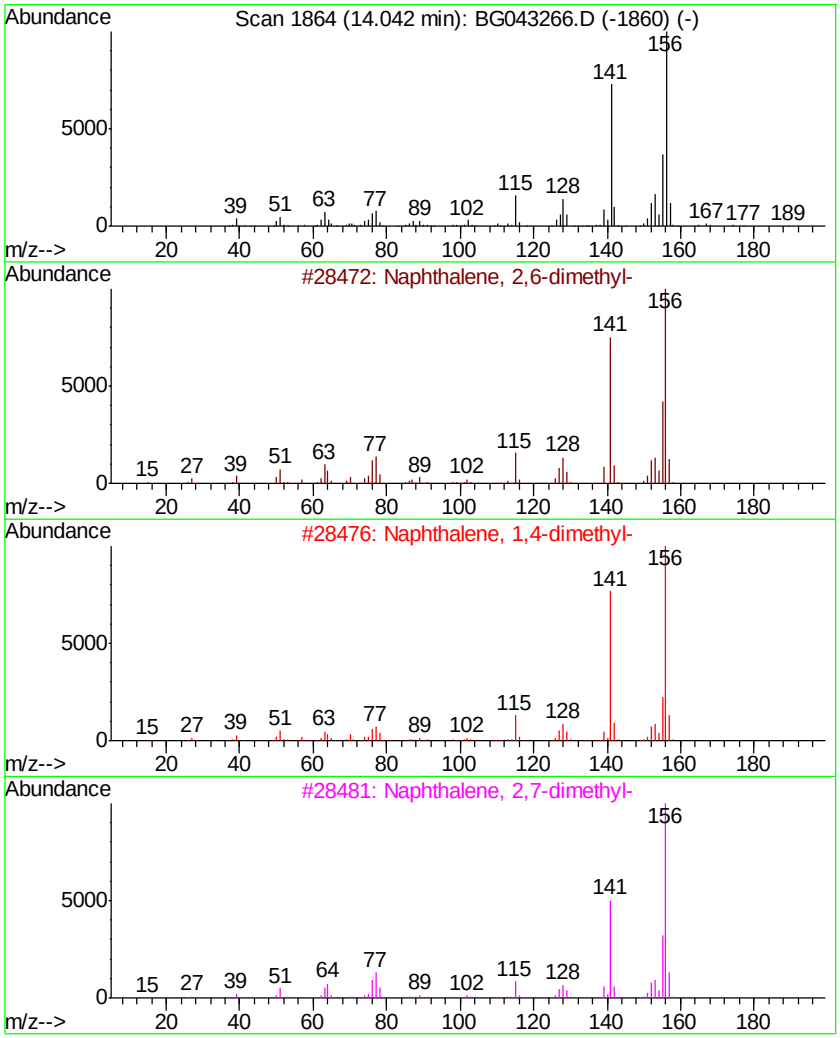
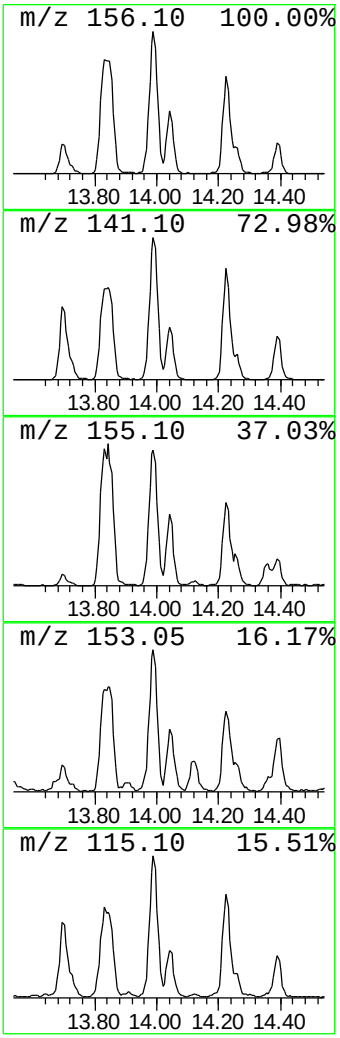
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	23.03 ng	686433	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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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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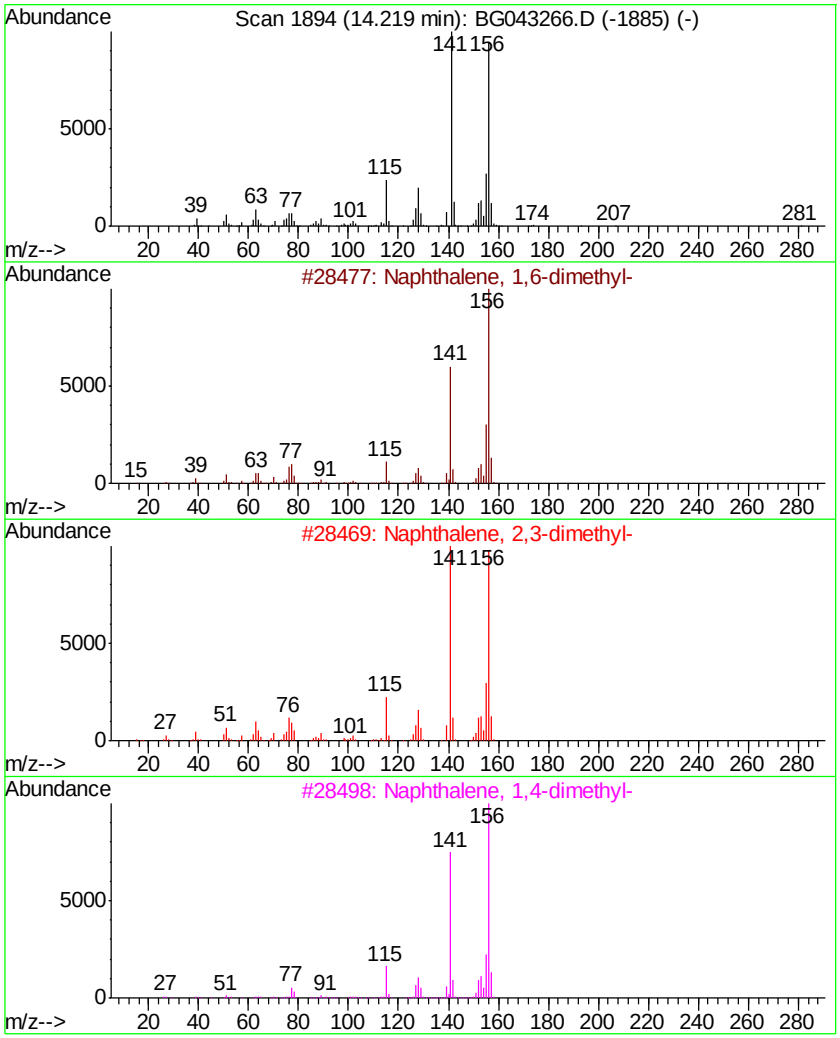
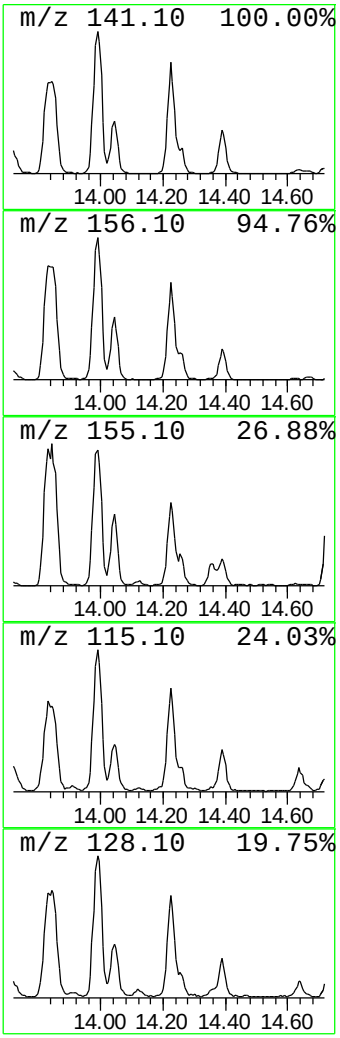
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	42.53 ng	1267760	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Instrument : BNA_G
ClientSampleId : VNJ-209

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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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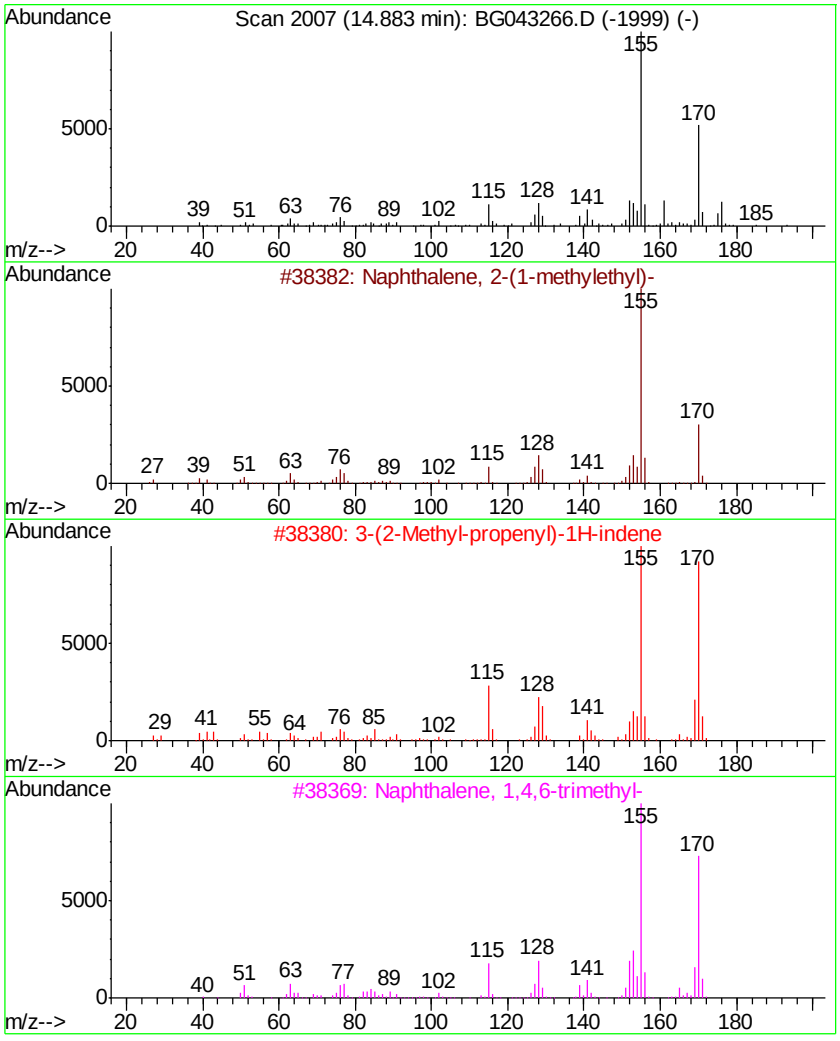
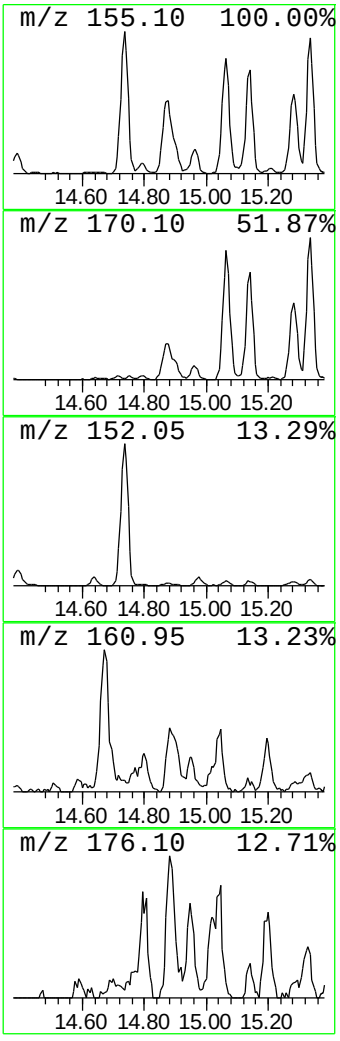
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	15.52 ng	462475	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





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Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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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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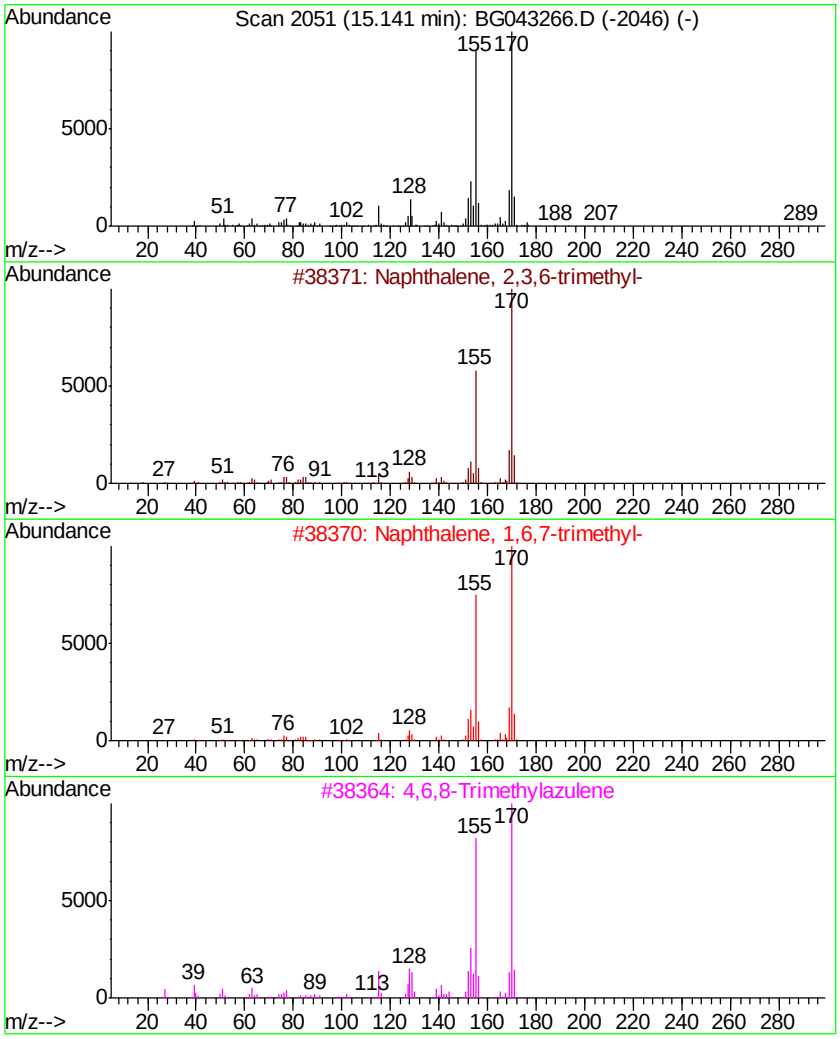
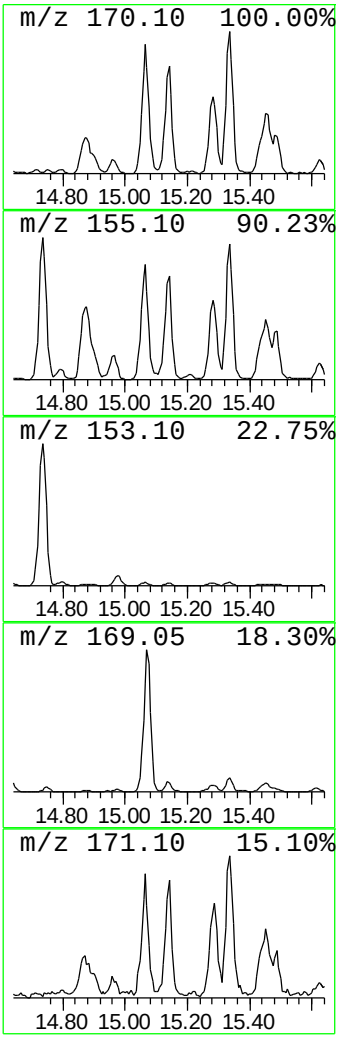
Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	16.62 ng	495269	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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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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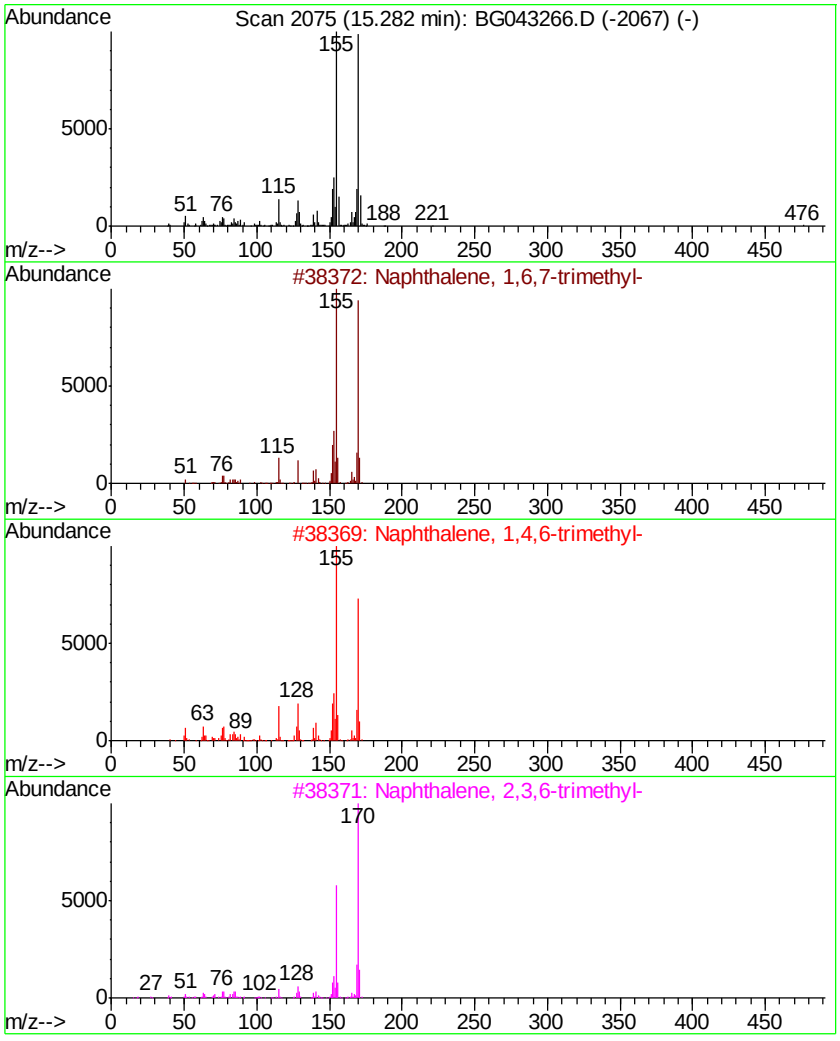
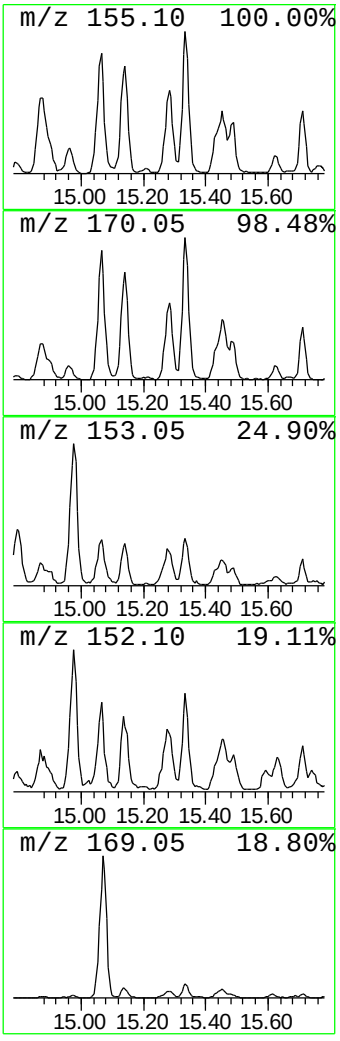
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	19.03 ng	567323	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : K5350-01
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

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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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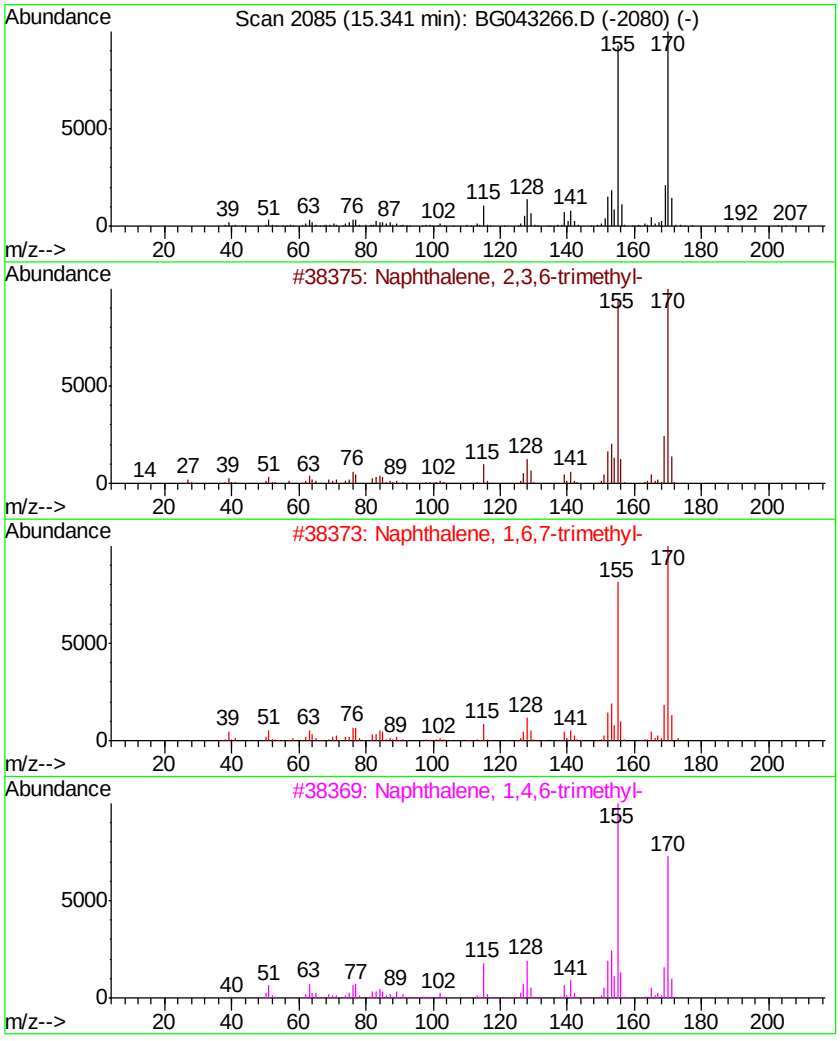
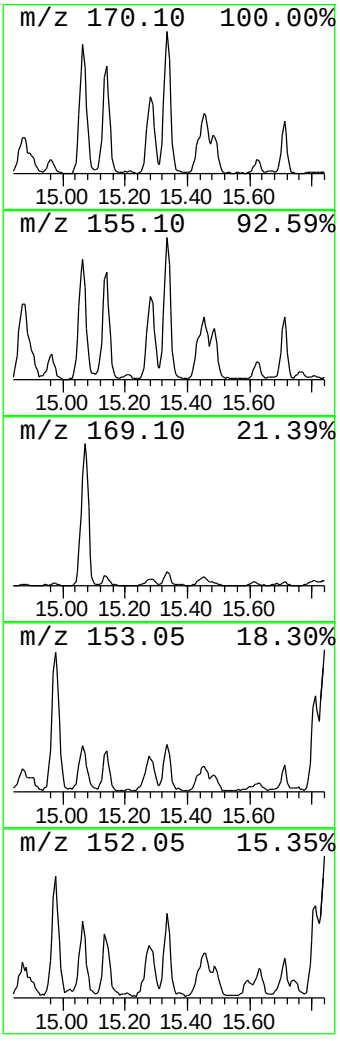
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	23.83 ng	710380	Acenaphthene-d10	14.67

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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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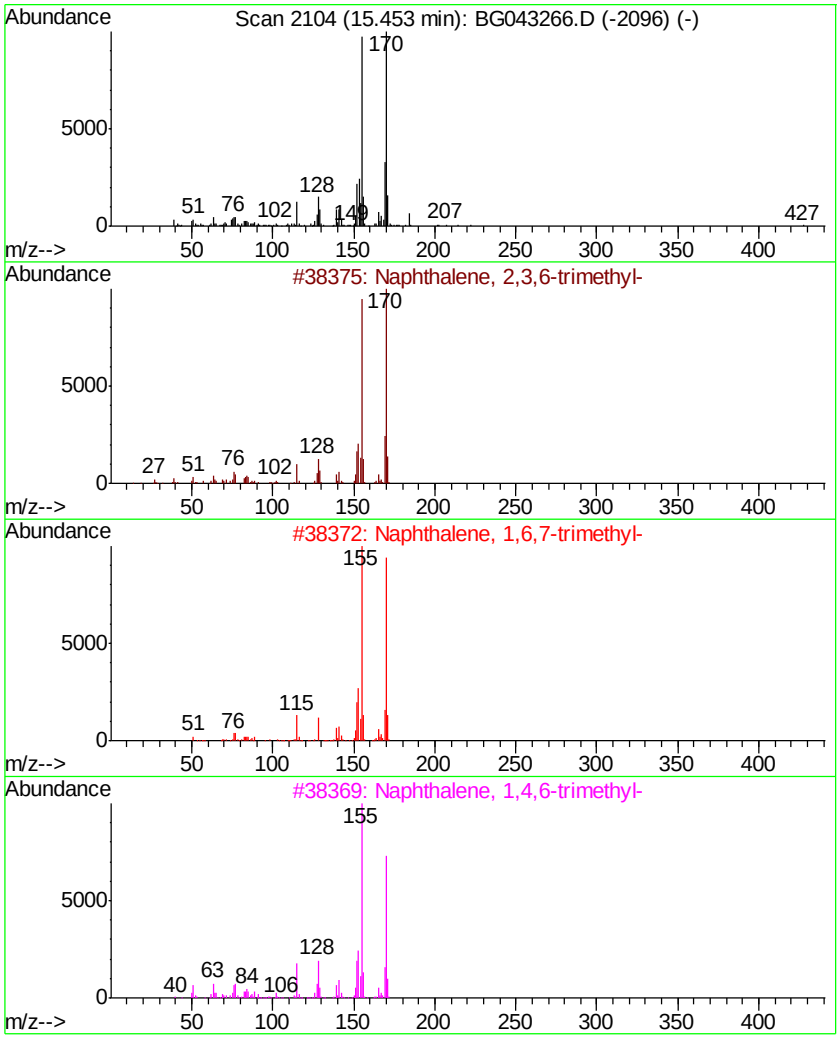
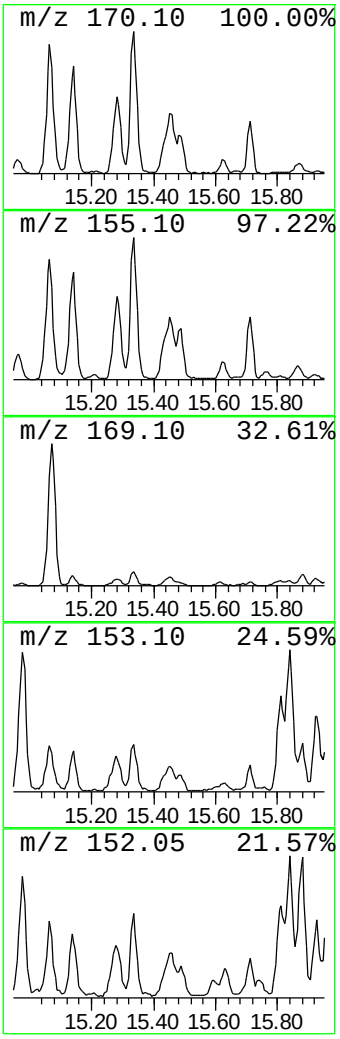
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	16.29 ng	485533	Acenaphthene-d10	14.67

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	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Misc :
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Instrument : BNA_G
ClientSampleId : VNJ-209

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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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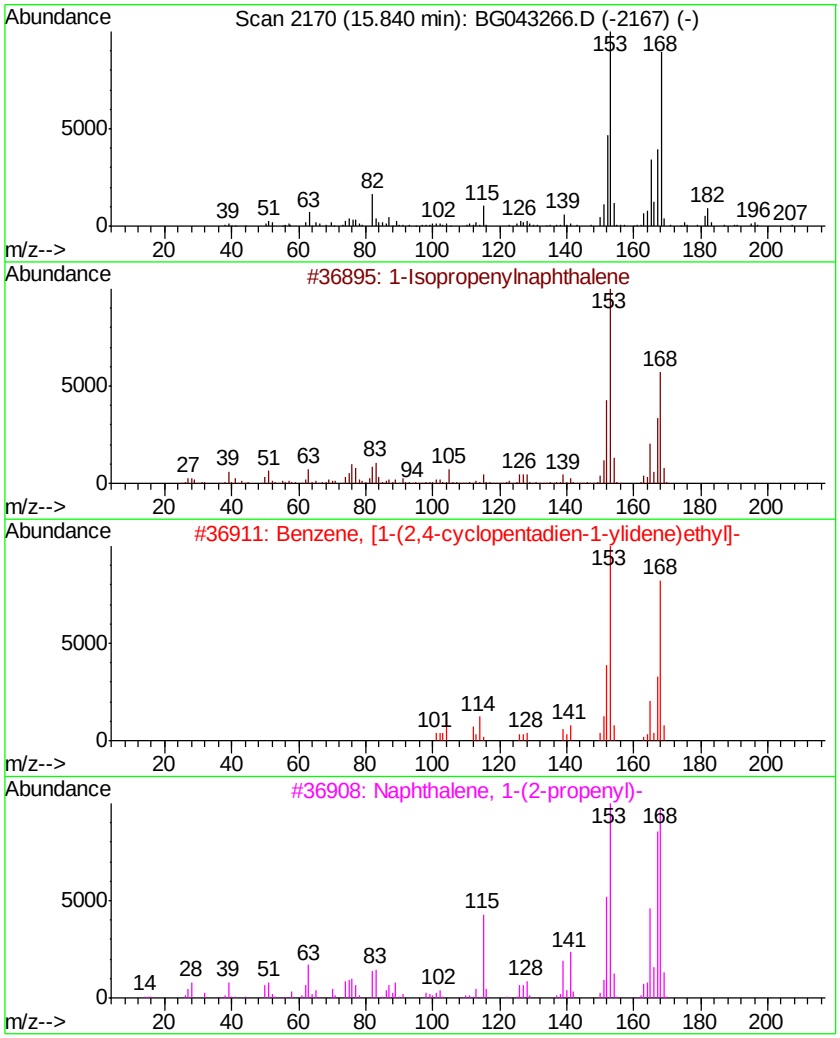
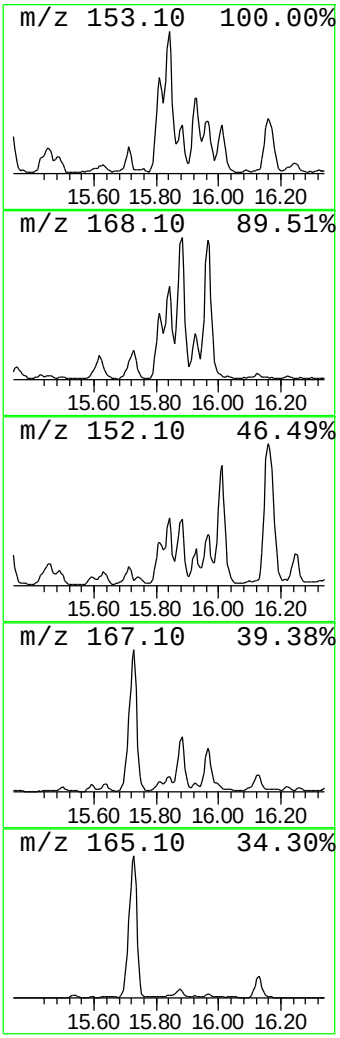
Peak Number 15 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	15.47 ng	461220	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	83
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	37
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	35





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Instrument : BNA_G
ClientSampleId : VNJ-209

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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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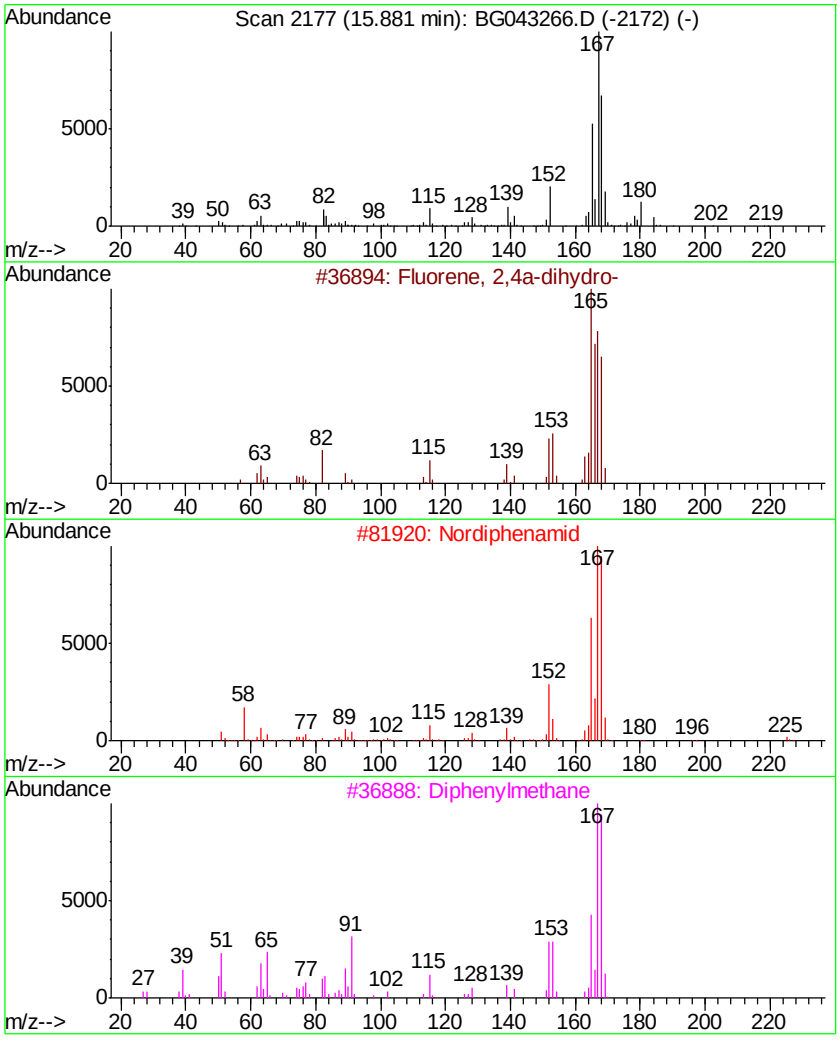
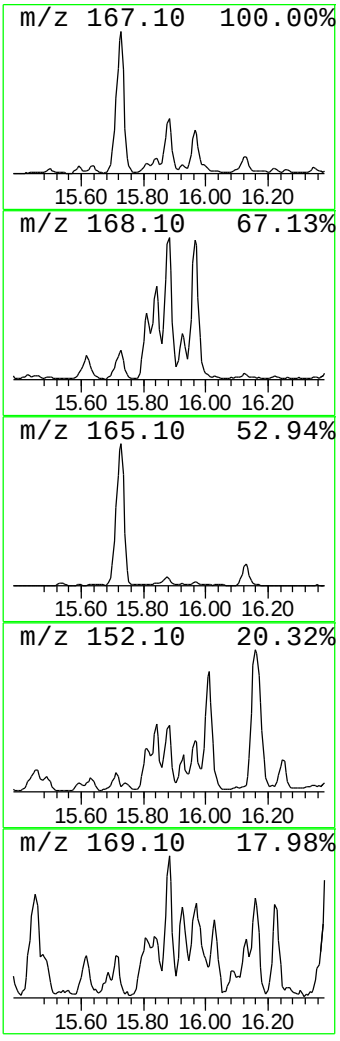
Peak Number 16 Fluorene, 2,4a-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	32.43 ng	966498	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	86
2	Nordiphenamid	225	C15H15NO	000954-21-2	58
3	Diphenylmethane	168	C13H12	000101-81-5	46
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
5	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	43





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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId : VNJ-209

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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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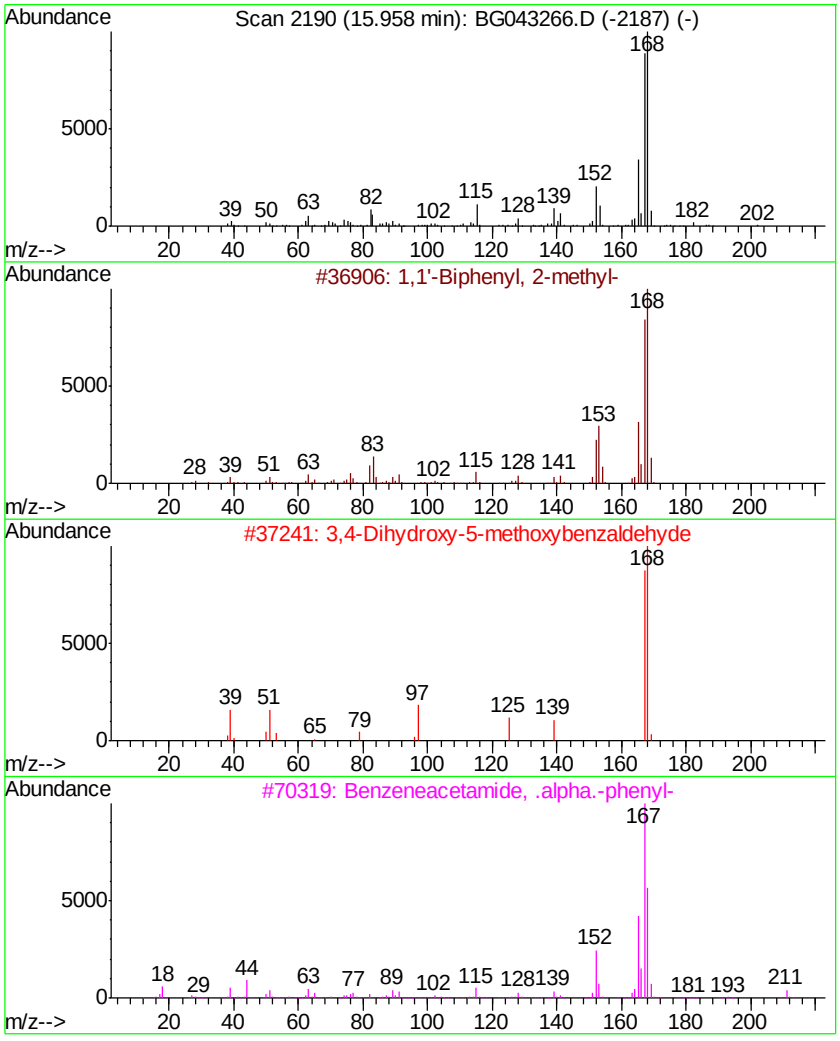
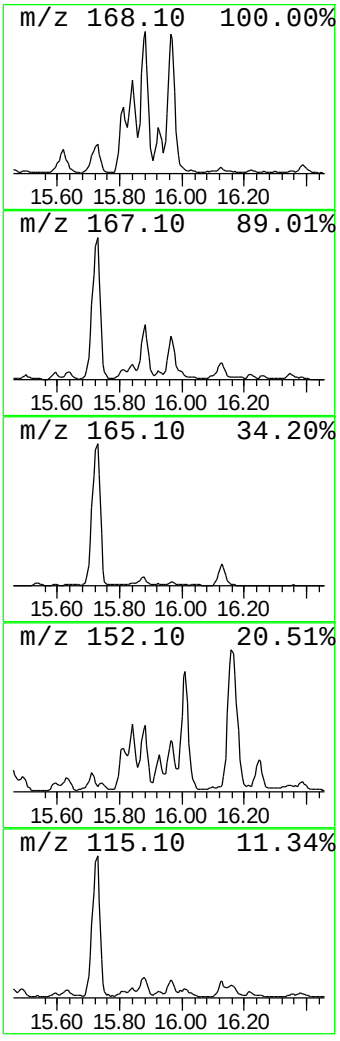
Peak Number 17 1,1'-Biphenyl, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	20.74 ng	618157	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
2	3,4-Dihydroxy-5-methoxybenzaldehyde	168	C8H8O4	003934-87-0	53
3	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	50
4	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	50
5	(1,1'-Biphenyl)-4-ethanol	198	C14H14O	037729-18-3	47





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Instrument : BNA_G
ClientSampleId : VNJ-209

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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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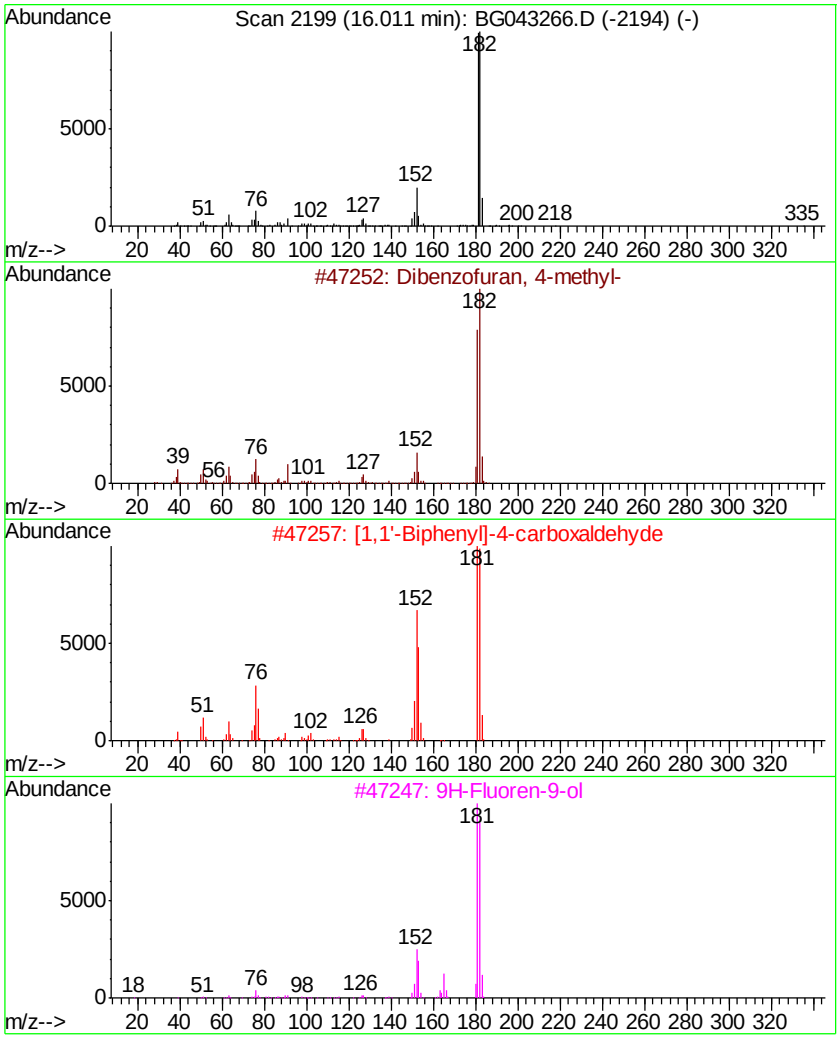
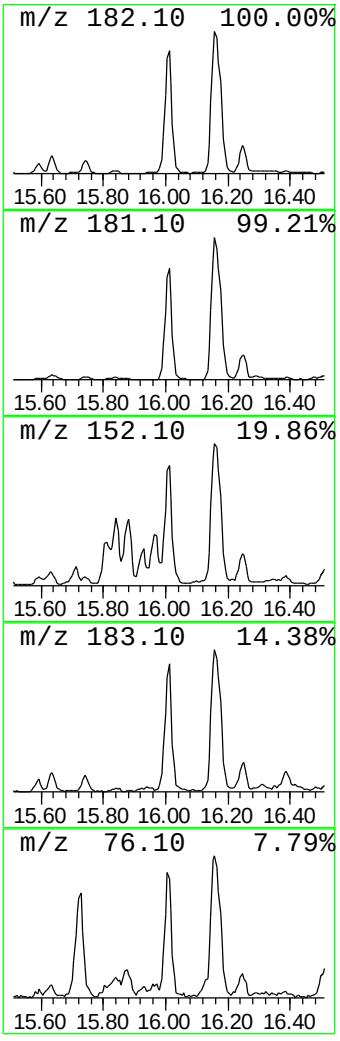
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	48.30 ng	1439540	Acenaphthene-d10	14.67

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	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	59





Tentatively Identified Compound (LSC) summary

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Data File : BG043266.D
Acq On : 17 Oct 2019 17:43
Operator : JU
Sample : K5350-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
unknown7.58	7.58	26.9	ng	1517530	1	8.04	1127930	20.0
Benzo[c]thiophene	11.02	19.0	ng	465228	2	10.85	490206	20.0
Naphthalene, 1-et...	13.70	25.5	ng	760762	3	14.67	596119	20.0
Naphthalene, 2,7-...	13.84	79.5	ng	2370170	3	14.67	596119	20.0
Naphthalene, 2,3-...	13.99	68.7	ng	2047890	3	14.67	596119	20.0
Naphthalene, 2,6-...	14.04	23.0	ng	686433	3	14.67	596119	20.0
Naphthalene, 1,6-...	14.22	42.5	ng	1267760	3	14.67	596119	20.0
Naphthalene, 2-(1...	14.88	15.5	ng	462475	3	14.67	596119	20.0
4,6,8-Trimethylaz...	15.14	16.6	ng	495269	3	14.67	596119	20.0
Naphthalene, 1,6,...	15.28	19.0	ng	567323	3	14.67	596119	20.0
Naphthalene, 2,3,...	15.34	23.8	ng	710380	3	14.67	596119	20.0
Naphthalene, 1,4,...	15.45	16.3	ng	485533	3	14.67	596119	20.0
1-Isopropenylnaph...	15.84	15.5	ng	461220	3	14.67	596119	20.0
Fluorene, 2,4a-di...	15.88	32.4	ng	966498	3	14.67	596119	20.0
1,1'-Biphenyl, 2-...	15.96	20.7	ng	618157	3	14.67	596119	20.0
Dibenzofuran, 4-m...	16.01	48.3	ng	1439540	3	14.67	596119	20.0