LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

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-BG021116.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	3.090	38	43	55	rVB	56291	76112	20.12%	1.124%
2	3.243	65	69	79	rVB	9909	17853	4.72%	0.264%
3	5.787	497	502	509	rVB	12904	20206	5.34%	0.298%
4	7.396	769	776	781	rBV	20405	35528	9.39%	0.525%
5	7.784	837	842	851	rVB2	17386	35560	9.40%	0.525%
6	8.260	913	923	929	rVB	80648	137497	36.35%	2.031%
7	8.436	947	953	957	rBV6	7545	13500	3.57%	0.199%
8	8.495	957	963	967	rBV4	6654	14433	3.82%	0.213%
9	8.542	967	971	974	rVV2	9942	14573	3.85%	0.215%
10	8.589	974	979	986	rVB2	14661	29540	7.81%	0.436%
11	8.818	1015	1018	1025	rVB5	7801	14374	3.80%	0.212%
12	9.106	1061	1067	1072	rBV4	10376	23673	6.26%	0.350%
13	9.370	1107	1112	1117	rVB3	13701	21682	5.73%	0.320%
14	9.429	1117	1122	1125	rBV	8240	16294	4.31%	0.241%
15	9.464	1125	1128	1134	rVB3	11878	16990	4.49%	0.251%
16	9.722	1166	1172	1180	rVB6	7611	19627	5.19%	0.290%
17	9.811	1180	1187	1196	rBV6	5237	20708	5.47%	0.306%
18	9.899	1196	1202	1207	rVV4	11671	23444	6.20%	0.346%
19	9.993	1214	1218	1228	rVB4	14079	34283	9.06%	0.506%
20	10.151	1234	1245	1248	rBV7	9026	28217	7.46%	0.417%
21	10.192	1248	1252	1257	rVV2	15987	26531	7.01%	0.392%
22	10.257	1257	1263	1272	rVV6	17791	36982	9.78%	0.546%
23	10.474	1294	1300	1303	rBV7	6722	13626	3.60%	0.201%
24	10.656	1324	1331	1339	rBV7	6095	18507	4.89%	0.273%
25	10.774	1345	1351	1358	rBV3	10995	27934	7.39%	0.413%
26	10.850	1359	1364	1369	rBV4	8487	13277	3.51%	0.196%
27	10.962	1380	1383	1390	rBV3	6739	14409	3.81%	0.213%
28	11.085	1390	1404	1411	rBV	144128	306951	81.15%	4.533%
29	11.214	1417	1426	1432	rVB7	19863	59342	15.69%	0.876%
30	11.285	1433	1438	1445	rBV4	16350	33857	8.95%	0.500%
31	11.444	1458	1465	1469	rBV7	9964	20998	5.55%	0.310%
32	11.502	1469	1475	1478	rBV5	10010	18069	4.78%	0.267%
33	11.561	1478	1485	1491	rVB6	16717	42550	11.25%	0.628%
34	11.767	1511	1520	1528	rVB4	30310	74991	19.83%	1.108%

LSC Area Percent Report

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Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.896	1537	1542	1549	rBV6	10048	22876	6.05%	0.338%
36	11.984	1552	1557	1563	rVB5	19452	38204	10.10%	0.564%
37	12.072	1563	1572	1577	rBV	76419	124076	32.80%	1.832%
38	12.119	1577	1580	1584	rVV4	14468	18986	5.02%	0.280%
39	12.166	1584	1588	1595	rVB4	18877	37758	9.98%	0.558%
40	12.260	1599	1604	1609	rBV5	16656	30162	7.97%	0.445%
41	12.348	1615	1619	1621	rBV4	9785	12259	3.24%	0.181%
42	12.448	1632	1636	1641	rBV4	11692	24907	6.59%	0.368%
43	12.677	1667	1675	1682	rVB7	30533	76035	20.10%	1.123%
44	12.801	1689	1696	1702	rBV9	14176	31096	8.22%	0.459%
45	12.859	1702	1706	1709	rBV6	11861	21189	5.60%	0.313%
46	12.965	1721	1724	1728	rVB3	19087	26070	6.89%	0.385%
47	13.088	1740	1745	1750	rBV7	13851	23939	6.33%	0.354%
48	13.147	1750	1755	1763	rVB4	28434	55529	14.68%	0.820%
49	13.229	1763	1769	1772	rBV6	12707	26635	7.04%	0.393%
50	13.394	1792	1797	1805	rBV	99492	157577	41.66%	2.327%
51	13.494	1810	1814	1819	rVB	33664	51526	13.62%	0.761%
52	13.582	1826	1829	1834	rVB7	8637	13753	3.64%	0.203%
53	13.664	1838	1843	1846	rBV4	27596	51765	13.69%	0.765%
54	14.034	1901	1906	1908	rBV3	42735	70770	18.71%	1.045%
55	14.146	1922	1925	1927	rBV4	11007	15862	4.19%	0.234%
56	14.193	1928	1933	1938	rVV2	77315	138046	36.50%	2.039%
57	14.240	1938	1941	1946	rVB4	27558	41599	11.00%	0.614%
58	14.293	1946	1950	1952	rBV	41012	55912	14.78%	0.826%
59	14.328	1952	1956	1961	rVV2	130519	186193	49.23%	2.750%
60	14.381	1961	1965	1968	rVV5	20677	32351	8.55%	0.478%
61	14.428	1969	1973	1983	rVB4	37911	84532	22.35%	1.248%
62	14.598	1998	2002	2003	rBV	23855	29339	7.76%	0.433%
63	14.698	2015	2019	2025	rVB5	37597	62022	16.40%	0.916%
64	14.821	2035	2040	2041	rBV3	21877	32238	8.52%	0.476%
65	14.868	2043	2048	2054	rVV2	208573	369928	97.80%	5.464%
66	14.945	2058	2061	2065	rVB6	20086	27598	7.30%	0.408%
67	15.074	2077	2083	2092	rVB2	48432	117894	31.17%	1.741%
68	15.150	2092	2096	2099	rBV3	21128	36150	9.56%	0.534%
69	15.256	2108	2114	2122	rVB2	60752	128108	33.87%	1.892%
70	15.332	2122	2127	2145	rVB3	59127	191886	50.73%	2.834%
71	15.479	2147	2152	2157	rBV3	51370	100774	26.64%	1.488%

LSC Area Percent Report

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Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

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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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.526	2157	2160	2165	rVB	38712	49682	13.14%	0.734%
73	15.573	2165	2168	2173	rVB4	21068	36408	9.63%	0.538%
74	15.650	2174	2181	2184	rBV6	44633	93723	24.78%	1.384%
75	15.738	2193	2196	2200	rBV5	14410	23087	6.10%	0.341%
76	15.896	2215	2223	2226	rBV3	31713	73266	19.37%	1.082%
77	16.090	2250	2256	2266	rVB	104191	221542	58.57%	3.272%
78	16.178	2268	2271	2275	rBV5	13648	25268	6.68%	0.373%
79	16.308	2291	2293	2297	rVB3	17113	17825	4.71%	0.263%
80	16.349	2297	2300	2303	rBV2	24633	28426	7.52%	0.420%
81	16.566	2332	2337	2343	rBV2	205080	299529	79.19%	4.424%
82	16.707	2358	2361	2366	rVB	24985	36869	9.75%	0.545%
83	17.389	2471	2477	2482	rBV	110391	172575	45.63%	2.549%
84	17.606	2508	2514	2519	rBV	229984	343681	90.86%	5.076%
85	17.994	2576	2580	2587	rBV4	32250	54937	14.52%	0.811%
86	18.475	2658	2662	2666	rBV	28708	45835	12.12%	0.677%
87	18.516	2667	2669	2675	rVB	34443	47616	12.59%	0.703%
88	18.605	2682	2684	2688	rVB5	14897	21443	5.67%	0.317%
89	18.704	2698	2701	2709	rVB4	29725	51540	13.63%	0.761%
90	19.204	2782	2786	2791	rVB3	35949	54415	14.39%	0.804%
91	19.257	2791	2795	2799	rBV	25278	40891	10.81%	0.604%
92	19.374	2811	2815	2819	rBV	43496	63720	16.85%	0.941%
93	19.503	2834	2837	2840	rBV4	16733	25474	6.73%	0.376%
94	20.003	2918	2922	2928	rVB4	29855	54074	14.30%	0.799%
95	20.067	2929	2933	2938	rVB	25204	39259	10.38%	0.580%
96	20.114	2938	2941	2946	rBV3	20816	41177	10.89%	0.608%
97	20.185	2949	2953	2957	rVB	54375	70710	18.69%	1.044%
98	21.741	3214	3218	3225	rBV	66451	99836	26.40%	1.474%
99	21.882	3236	3242	3251	rVB	222003	378237	100.00%	5.586%
100	25.254	3806	3816	3827	rVB2	126868	372177	98.40%	5.497%

Sum of corrected areas: 6770884

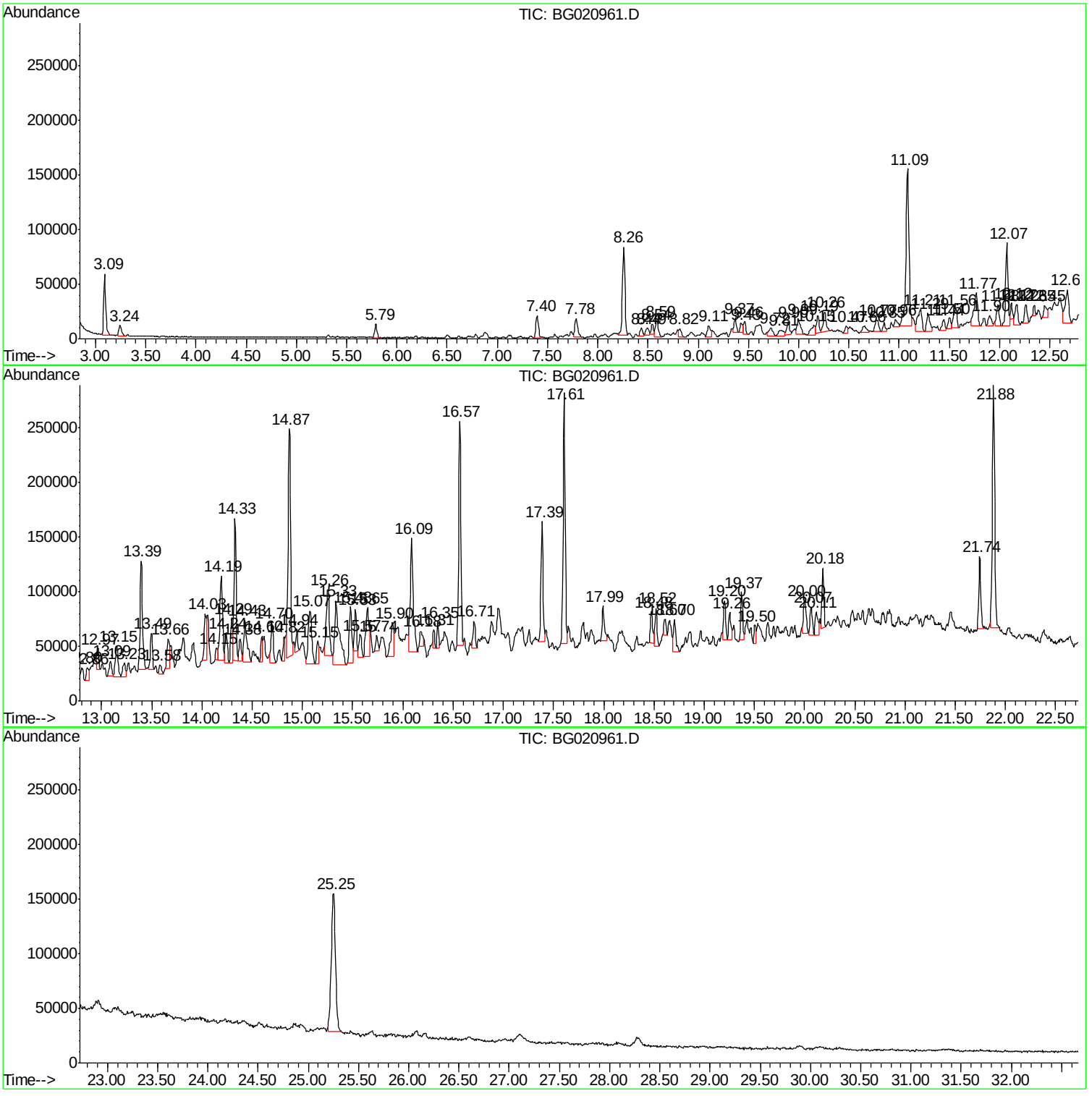
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
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Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

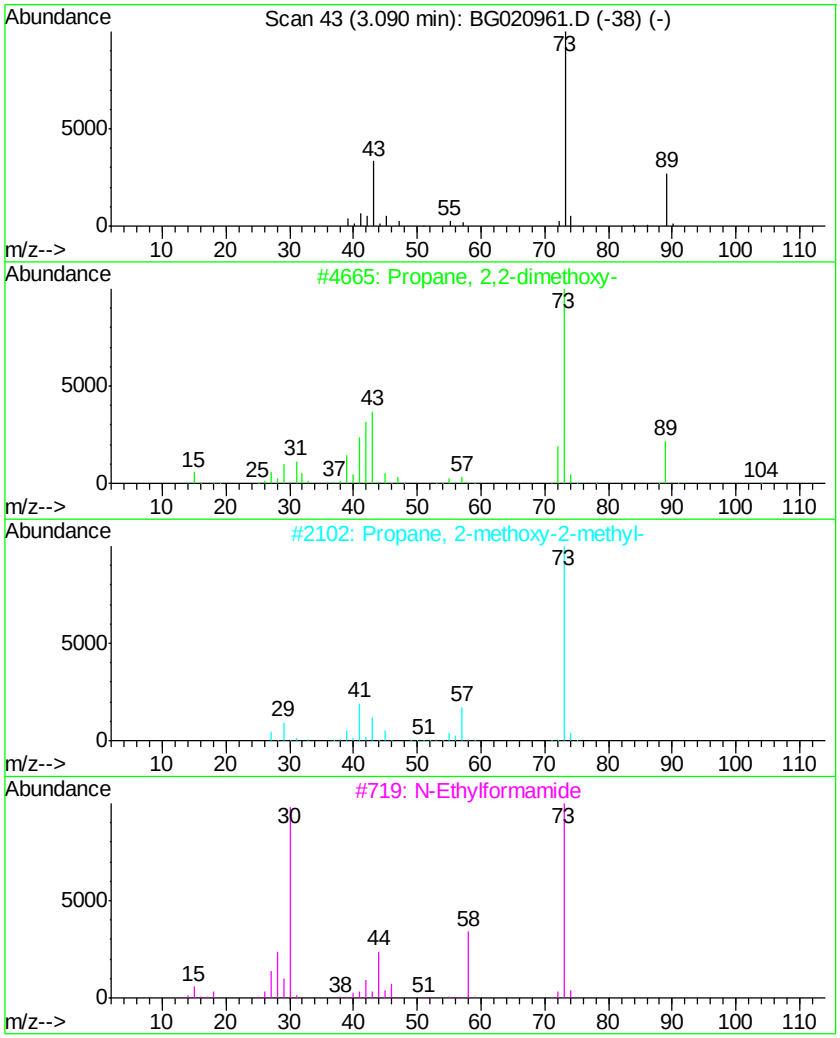
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

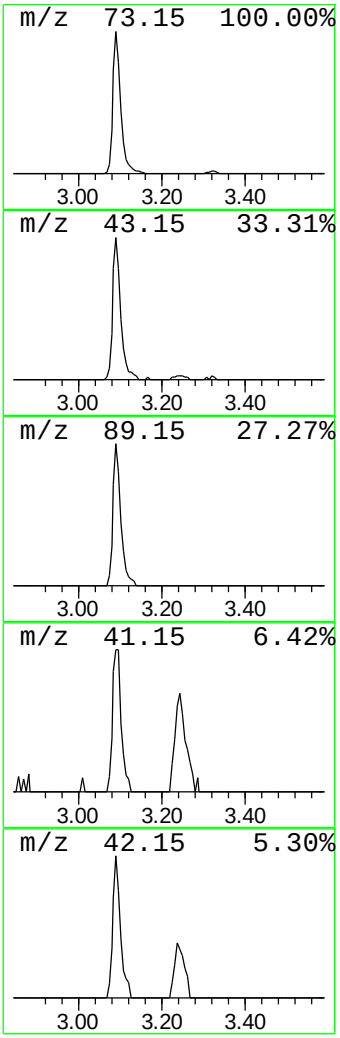
****

Peak Number 1 unknown3.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	11.07 ng	76112	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	1,3-Dioxolane	74	C3H6O2	000646-06-0	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

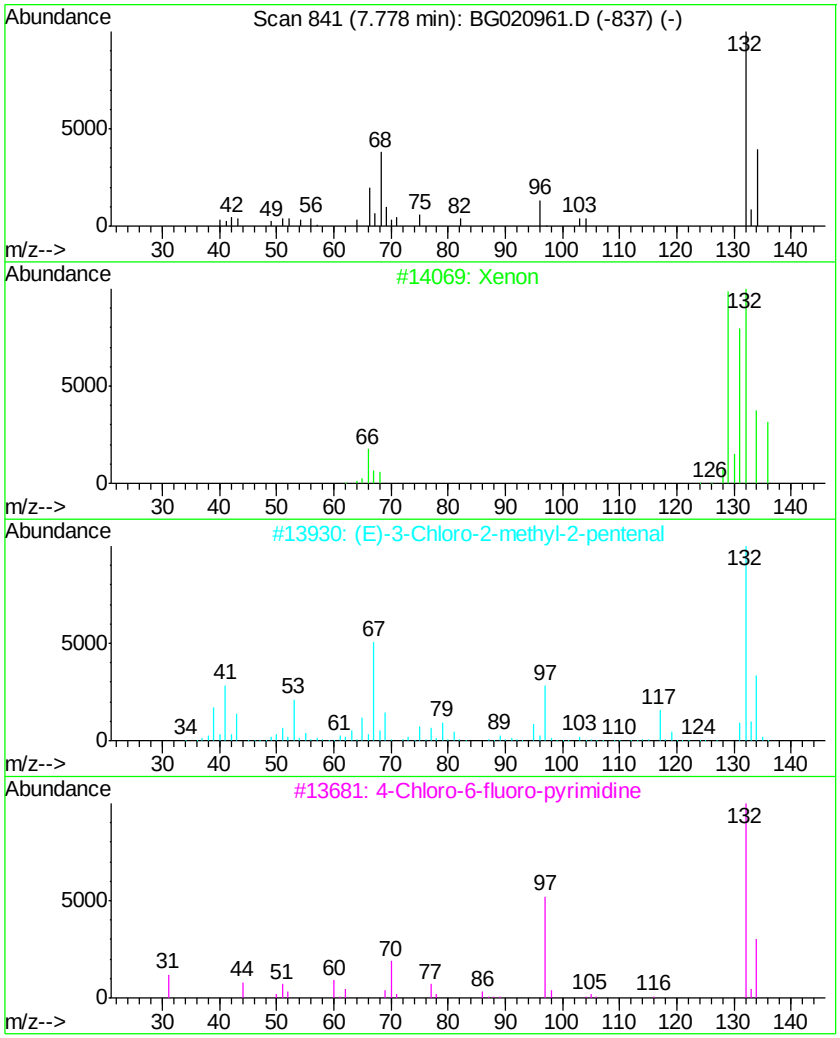
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

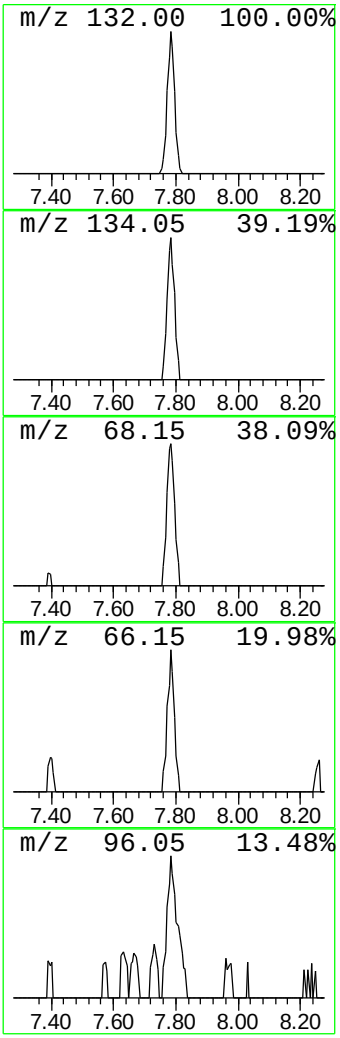
****

Peak Number 2 unknown7.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	5.17 ng	35560	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	45
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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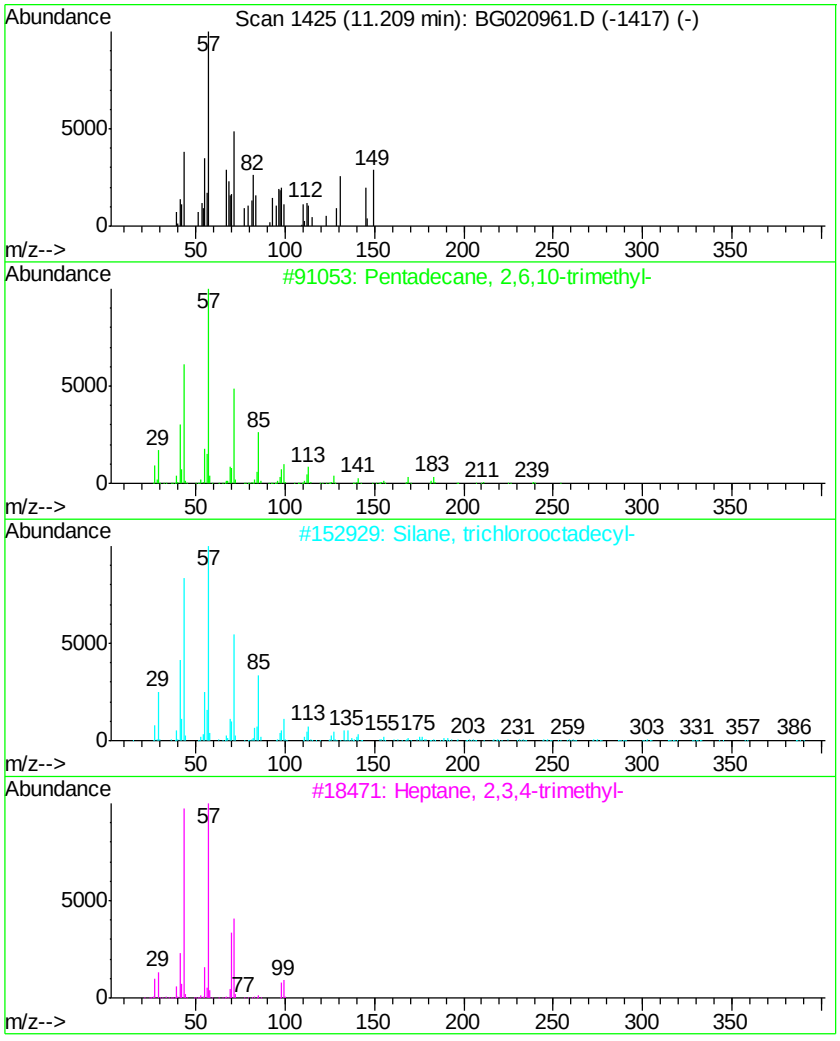
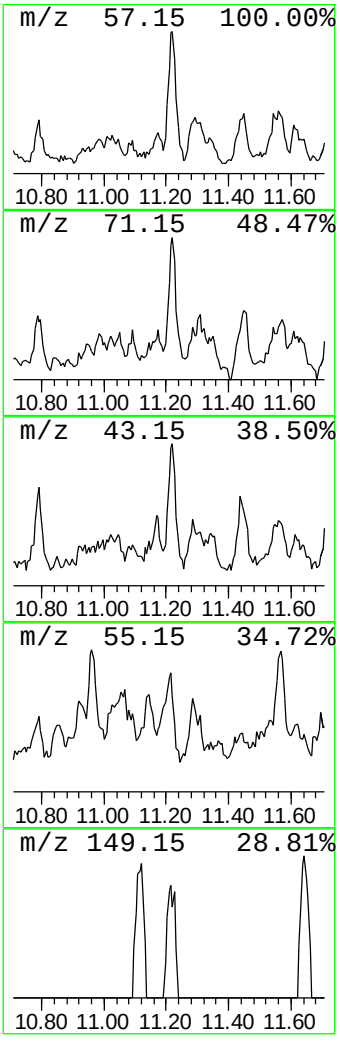
Peak Number 4 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.87 ng	59342	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	47
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

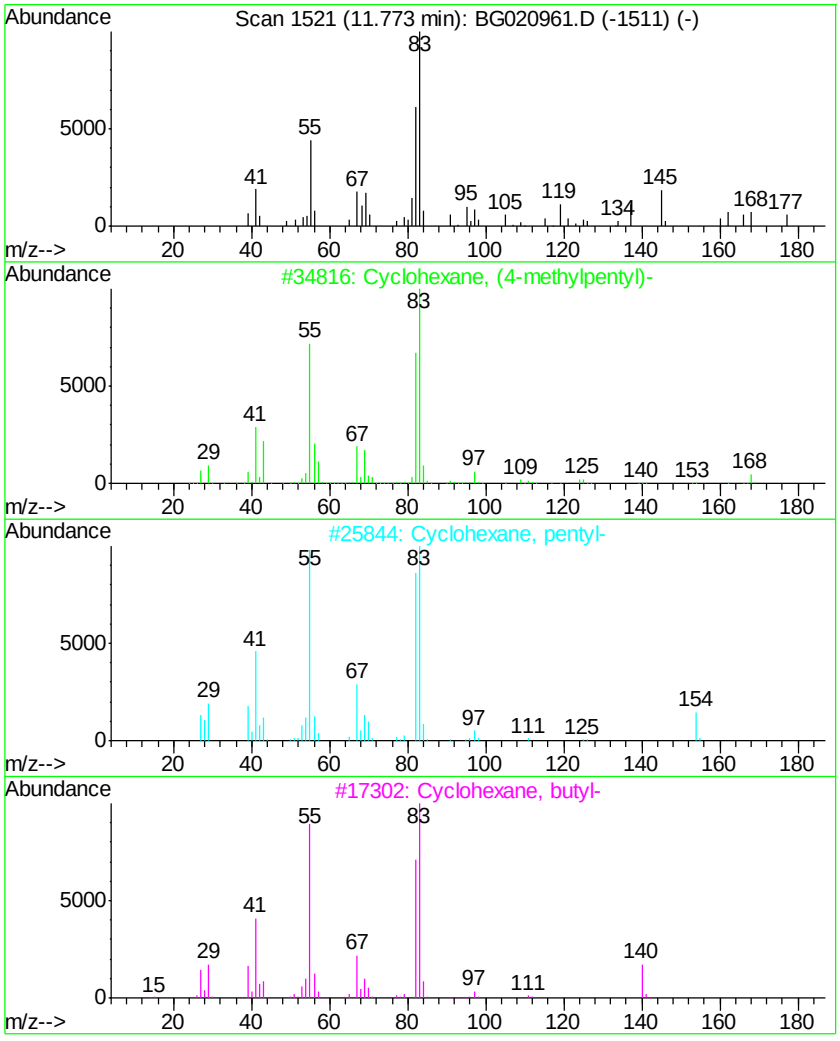
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

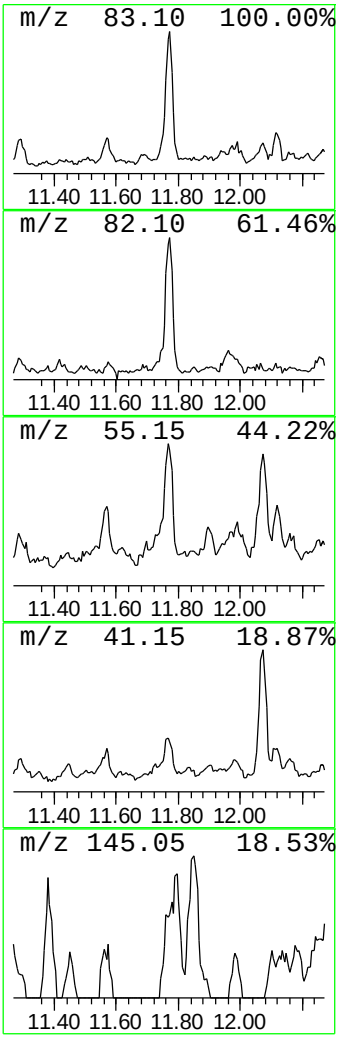
****

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.89 ng	74991	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	62
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	50
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

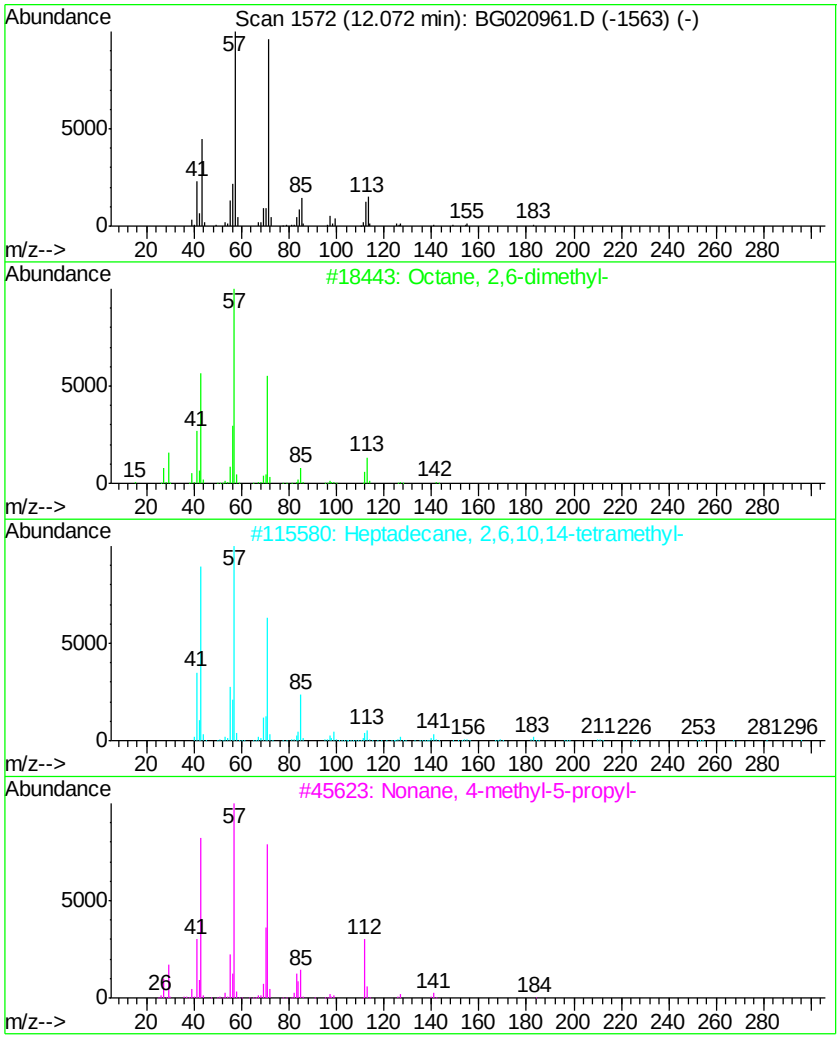
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

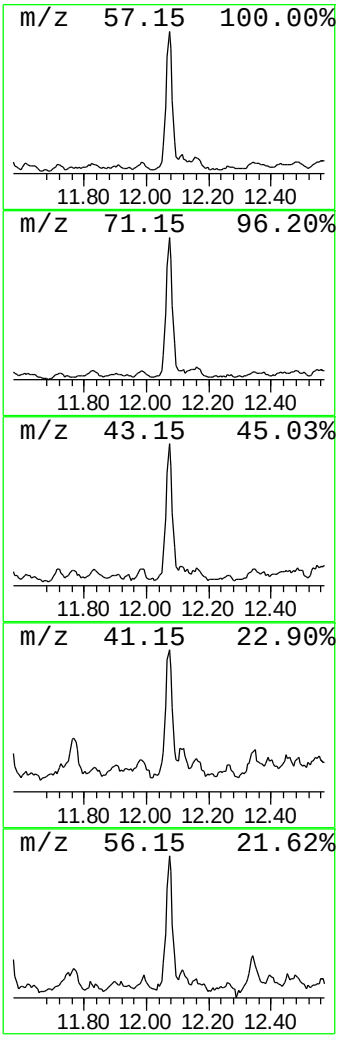
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	8.08 ng	124076	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
3	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	53





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Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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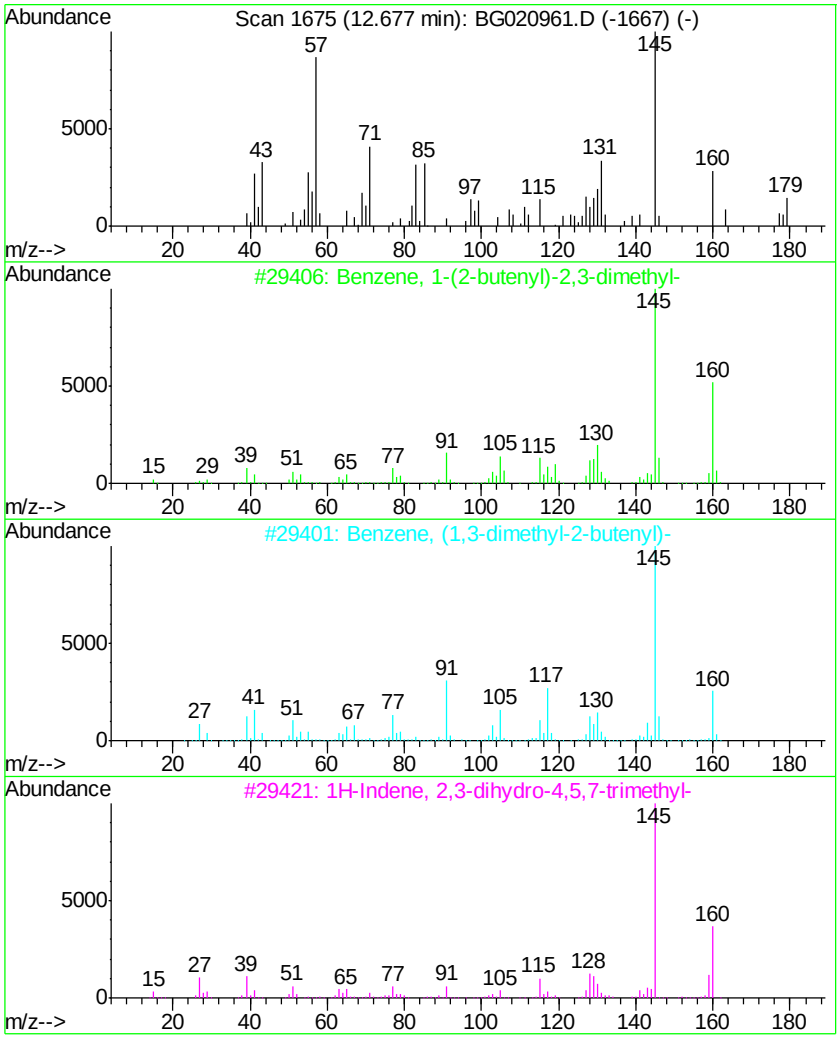
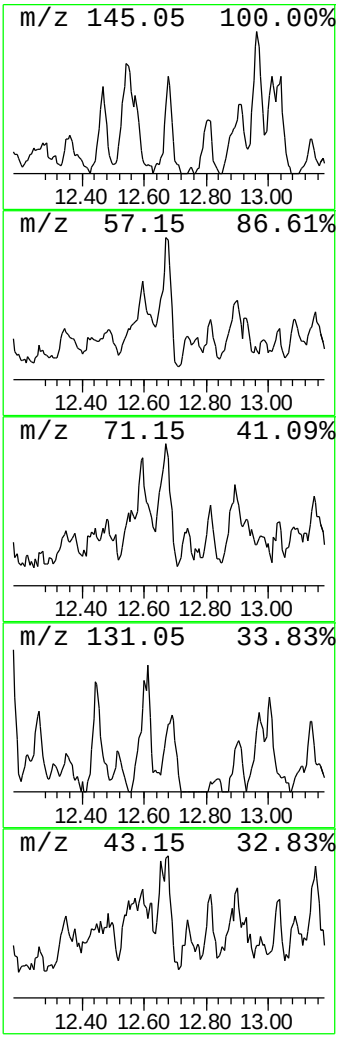
Peak Number 7 unknown12.68 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	4.95 ng	76035	Naphthalene-d8	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	47
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	47
3	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	46
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	43
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	43





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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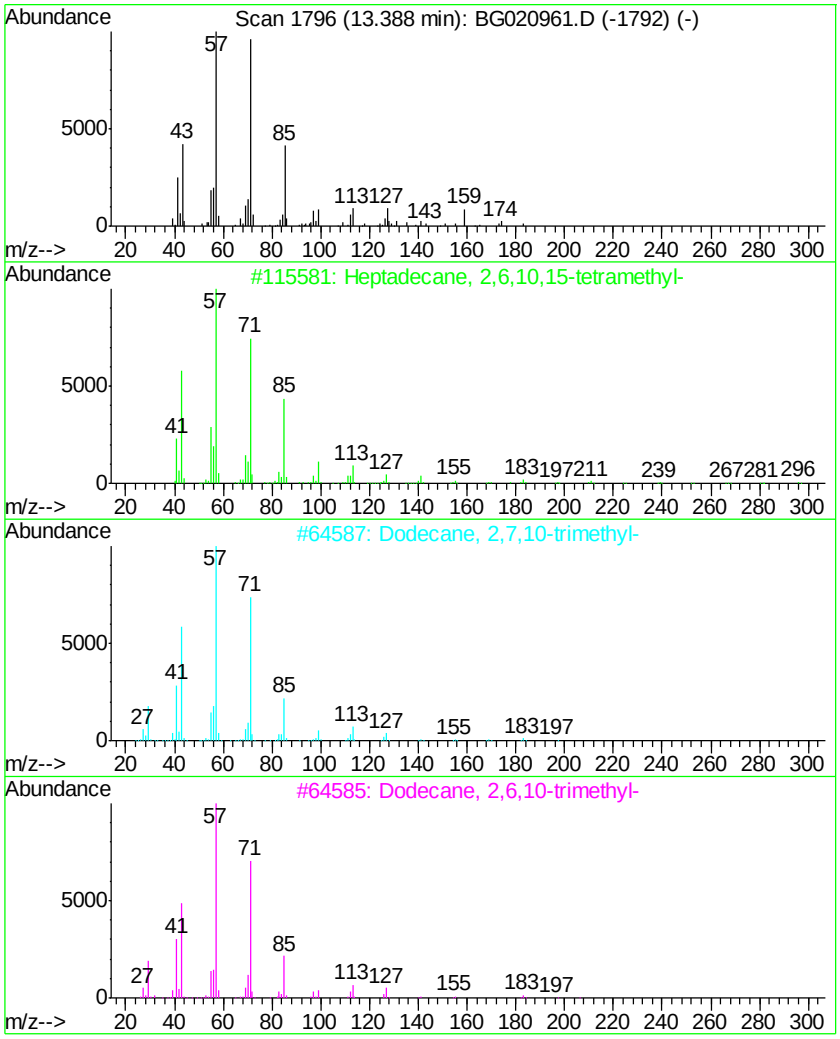
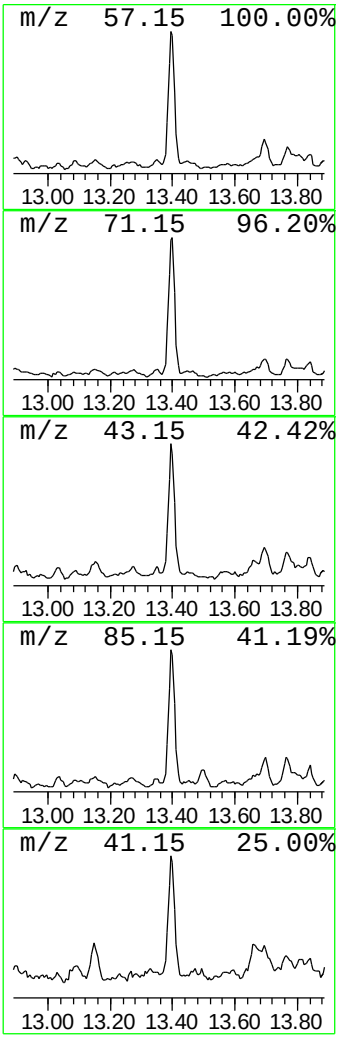
Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	8.52 ng	157577	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58





Library Search Compound Report

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Data File : BG020961.D
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Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

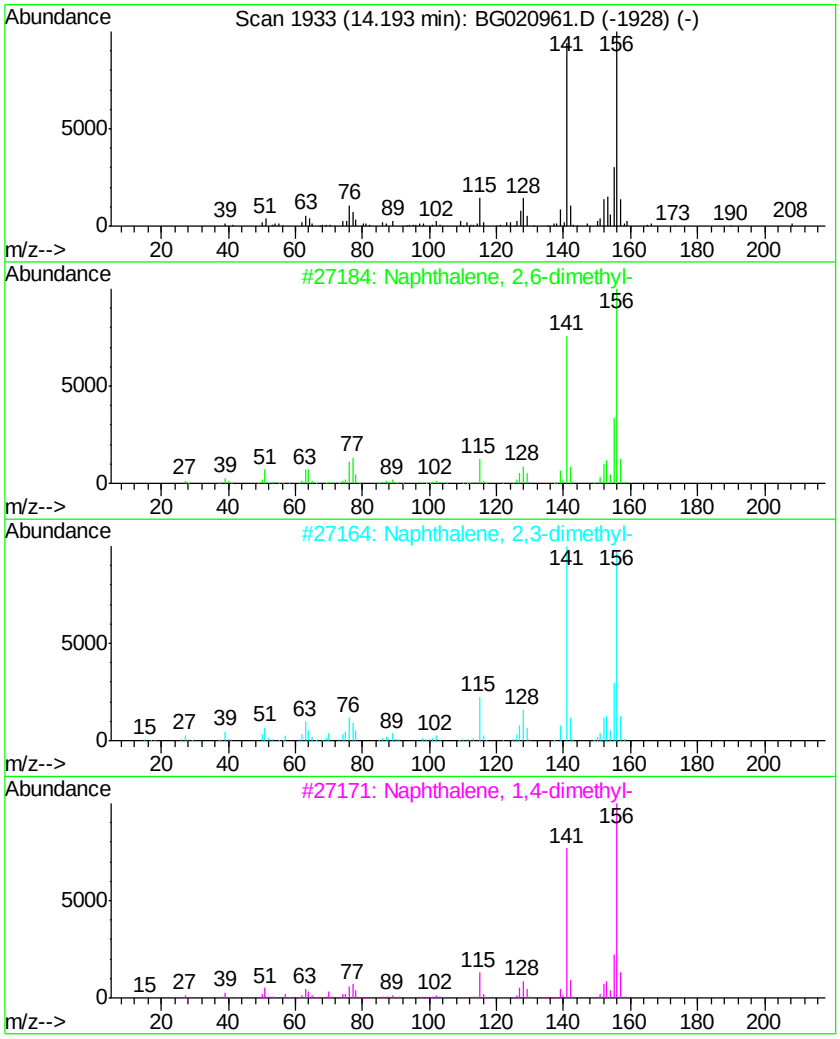
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

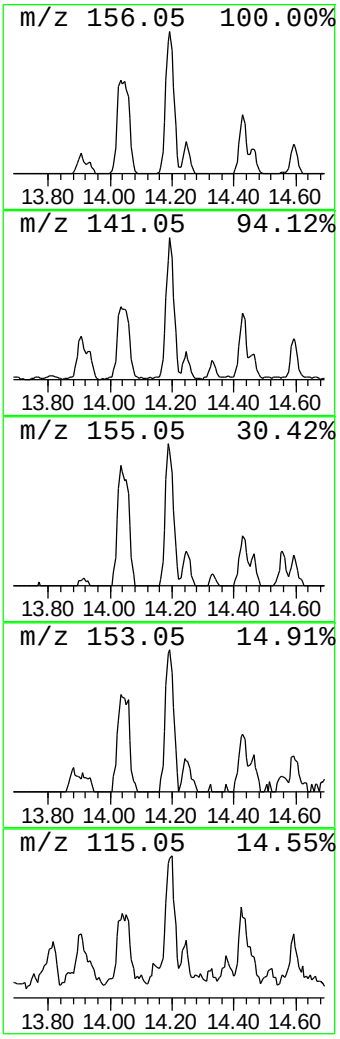
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	7.46 ng	138046	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : H1453-05 20X
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Instrument : BNA_G
ClientSampleId : EGR-A-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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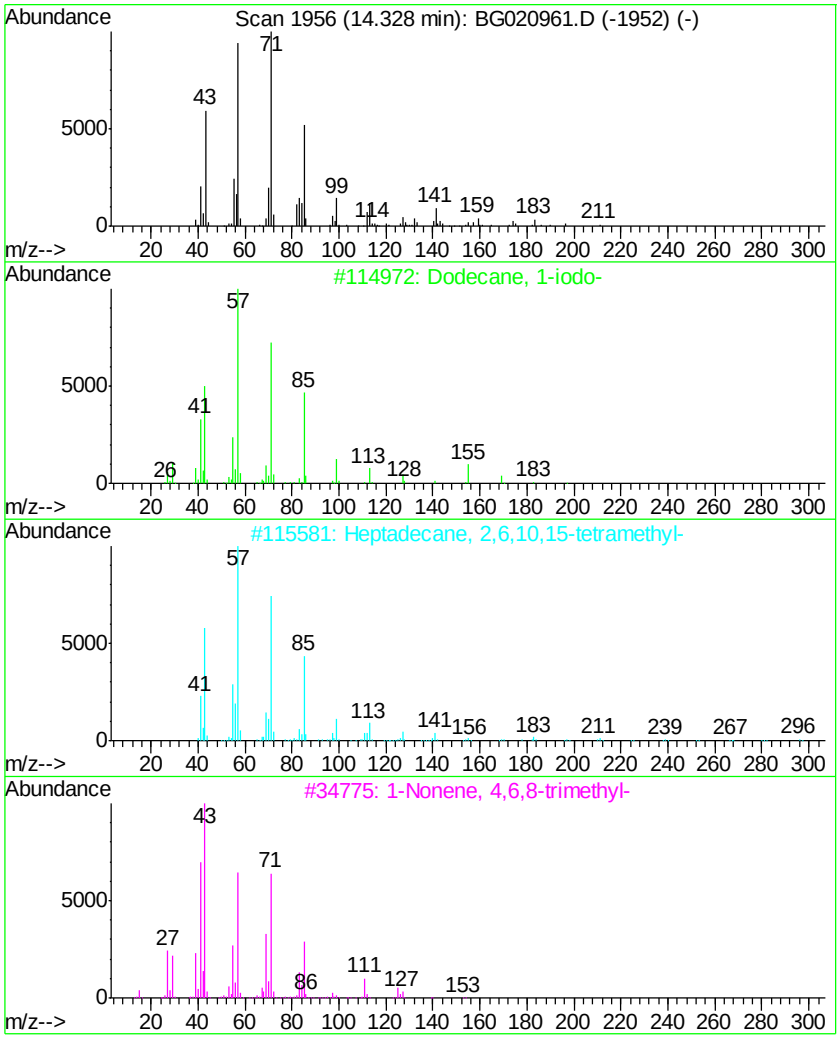
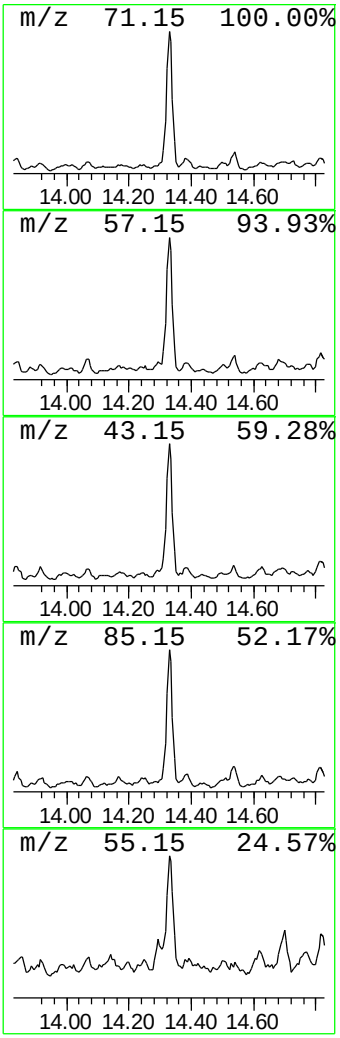
Peak Number 10 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	10.07 ng	186193	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	47
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	43
5	3-Hexanone, 4-ethyl-	128	C8H16O	006137-12-8	43





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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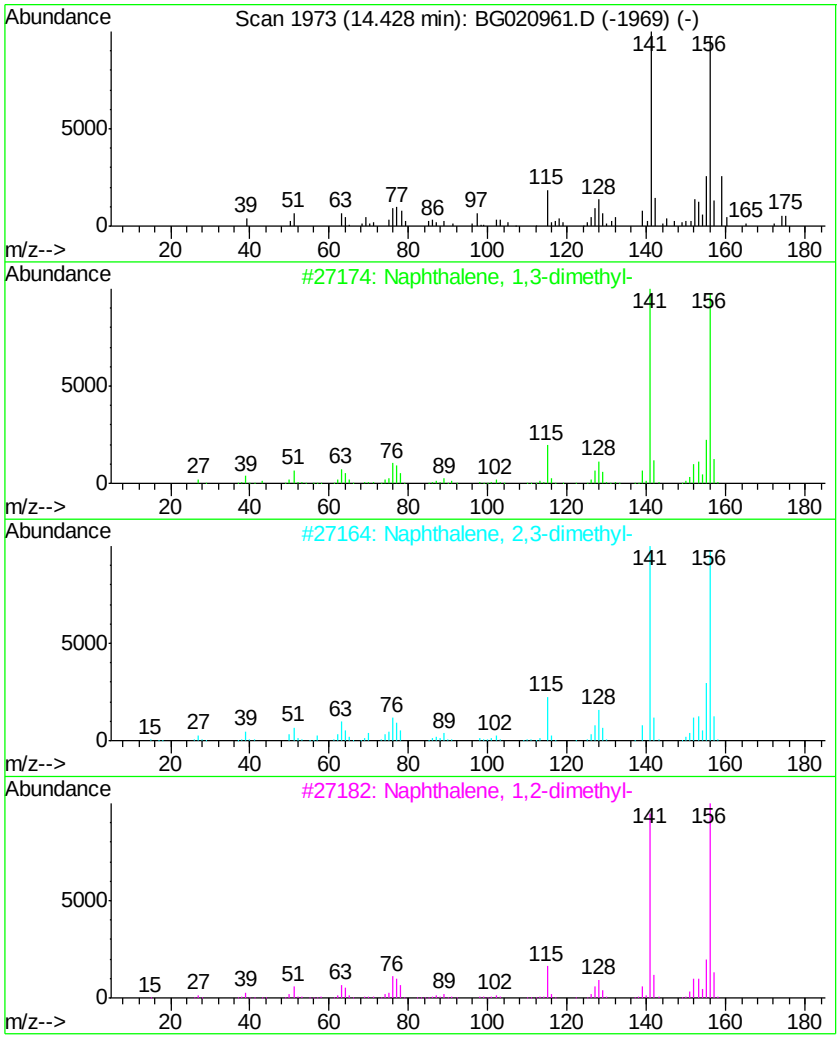
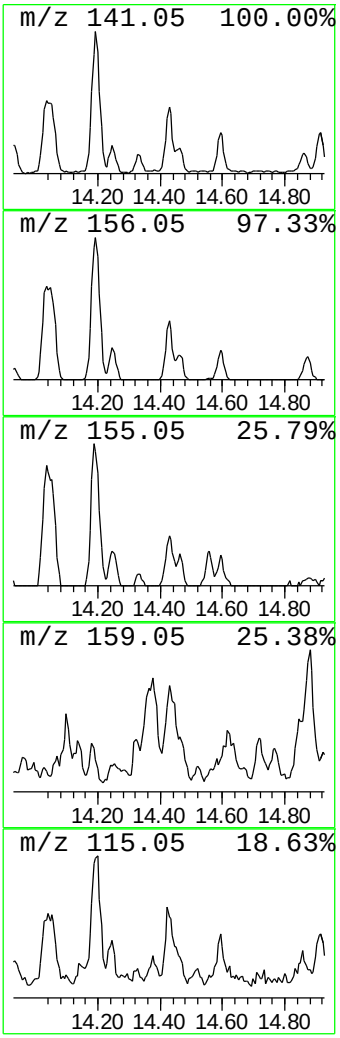
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	4.57 ng	84532	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	98
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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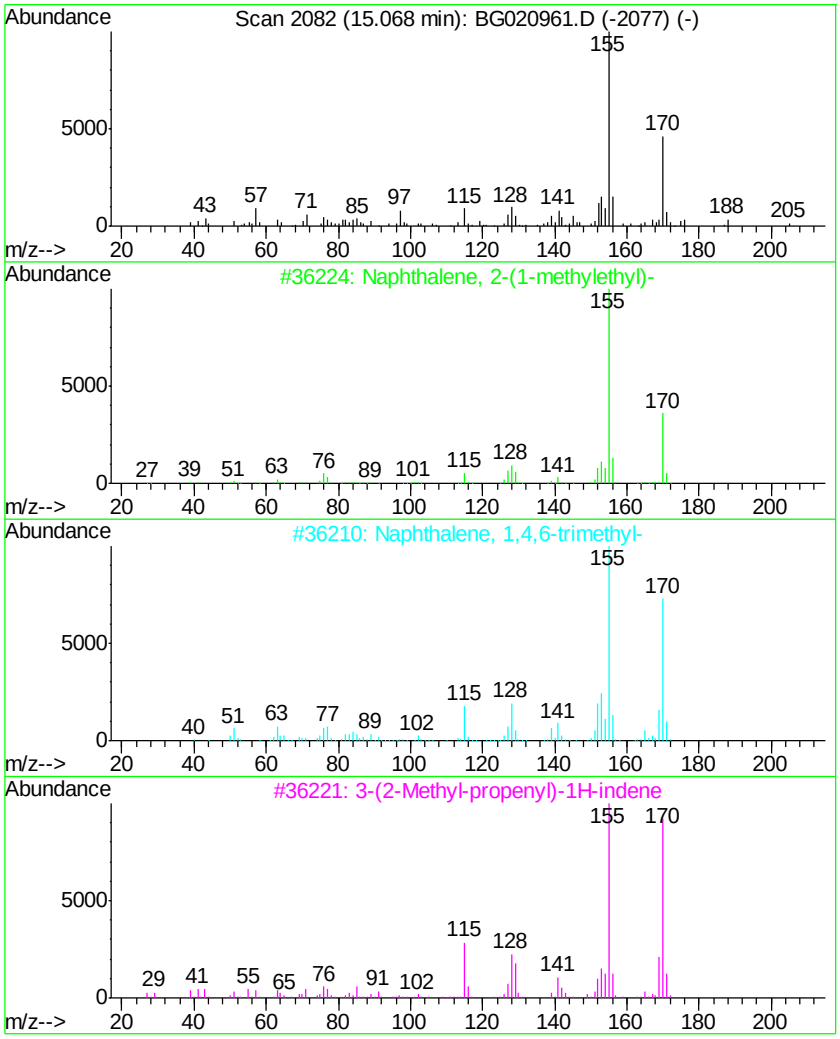
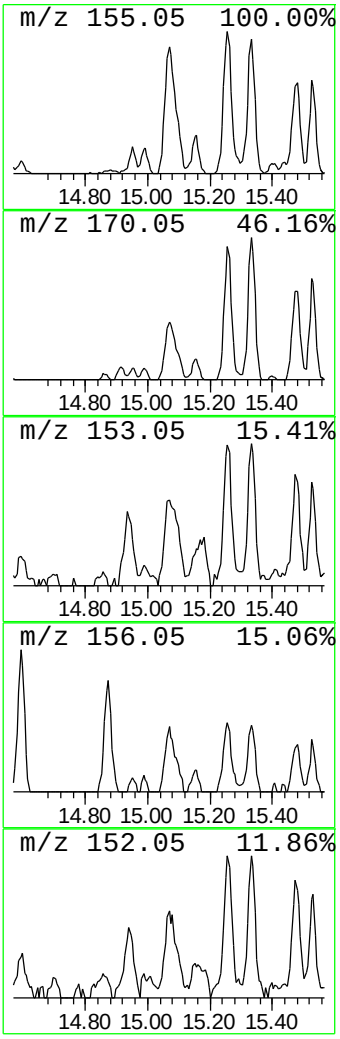
Peak Number 12 Naphthalene, 2-(1-methyleth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	6.37 ng	117894	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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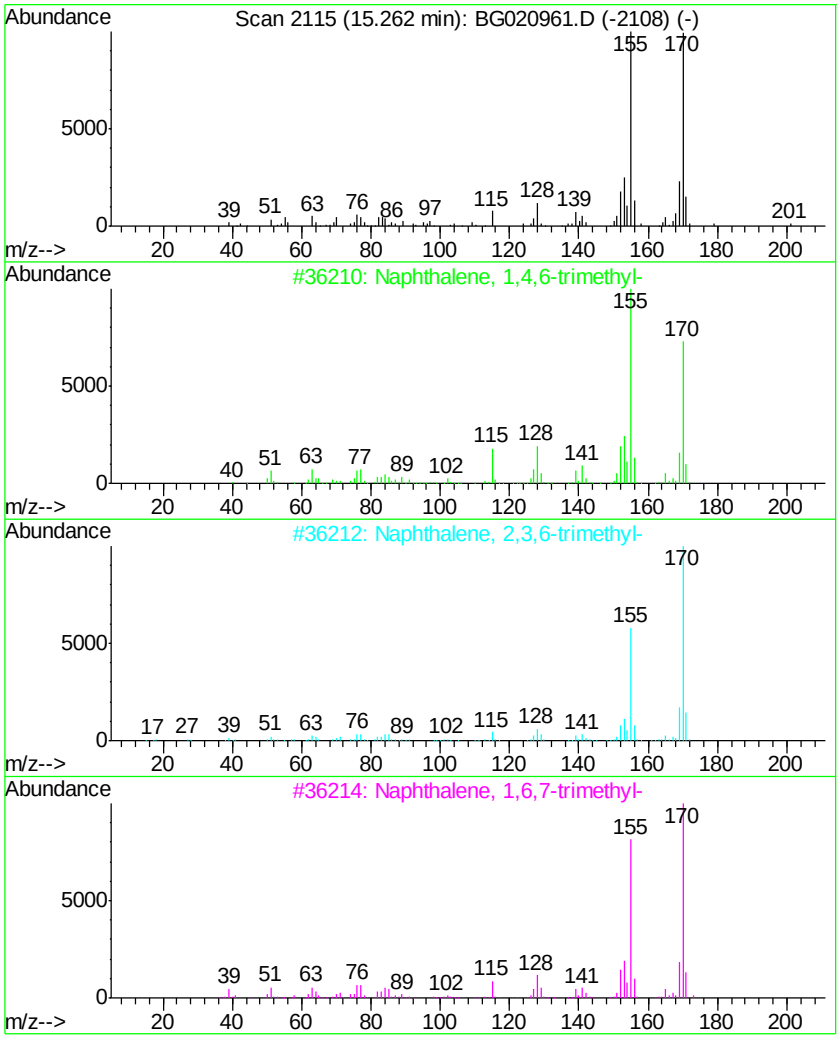
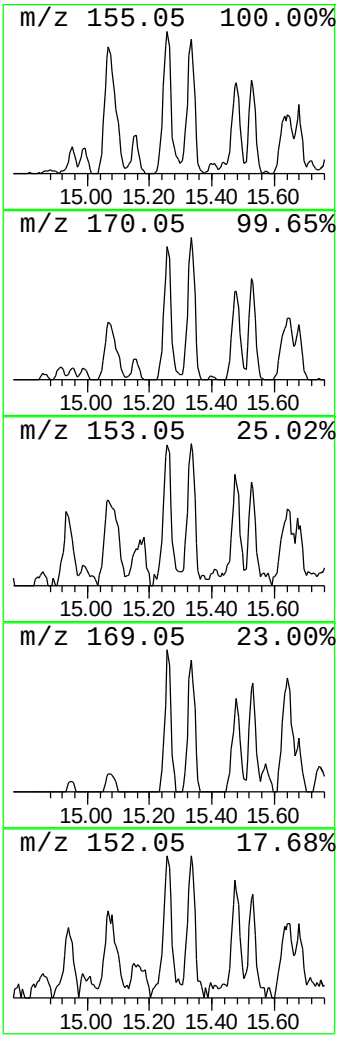
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	6.93 ng	128108	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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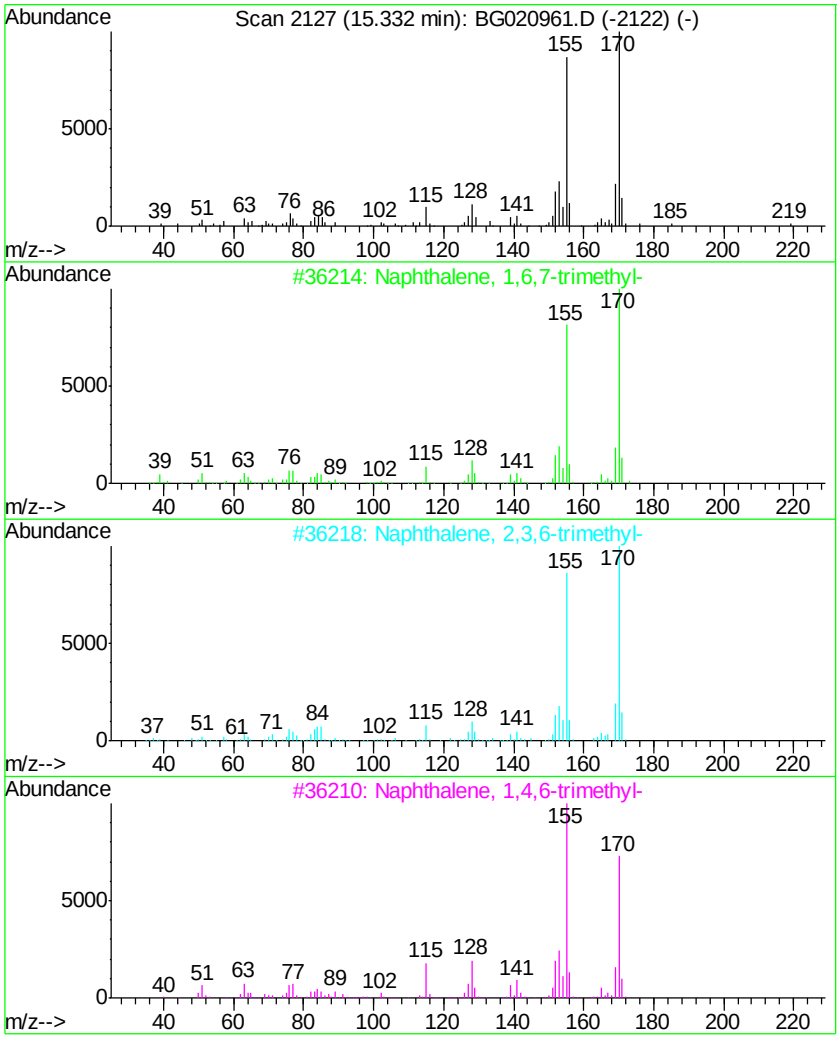
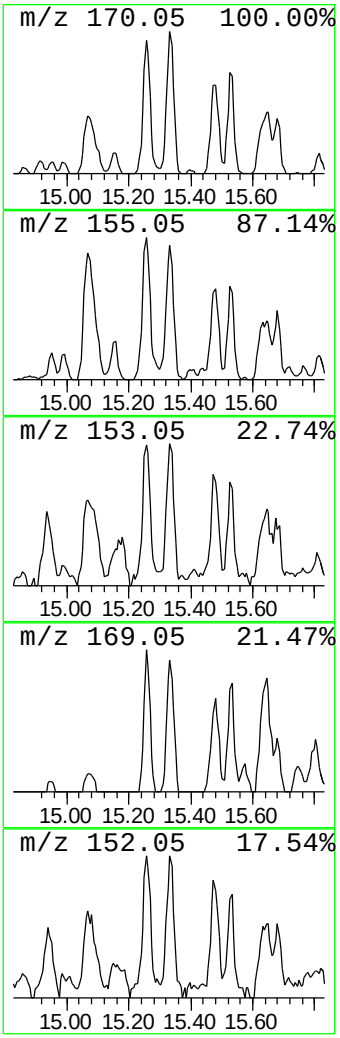
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	10.37 ng	191886	Acenaphthene-d10	14.87

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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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

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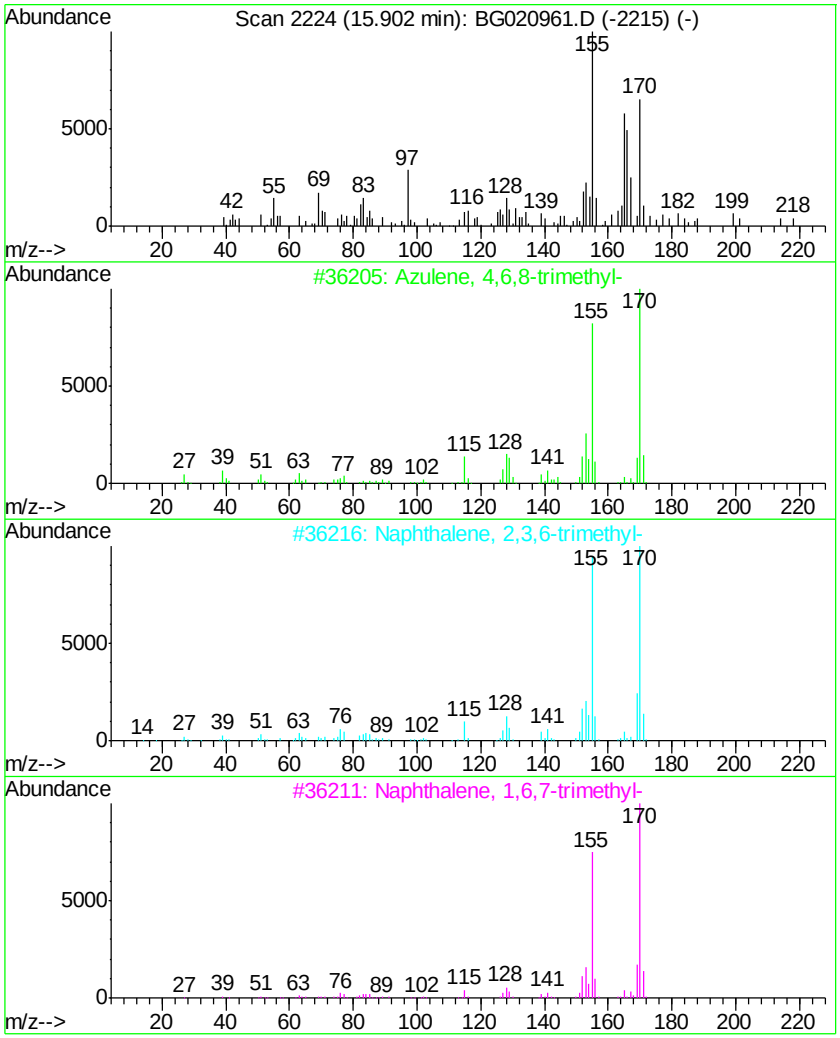
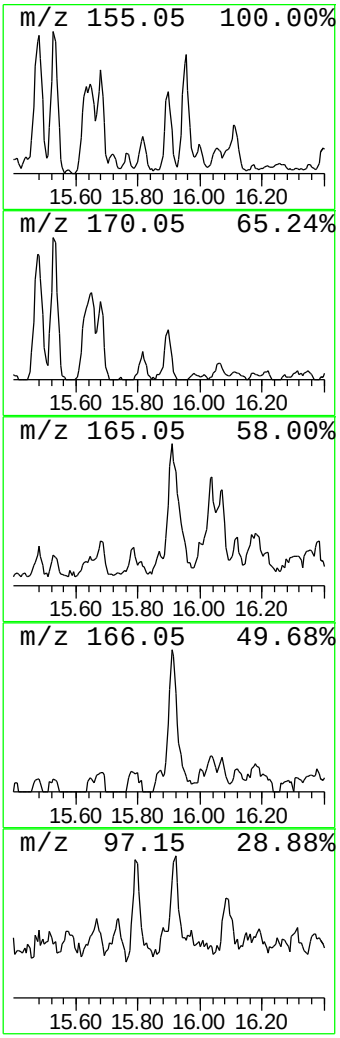
Peak Number 17 Azulene, 4,6,8-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.96 ng	73266	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	86
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64





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Instrument : BNA_G
ClientSampleId : EGR-A-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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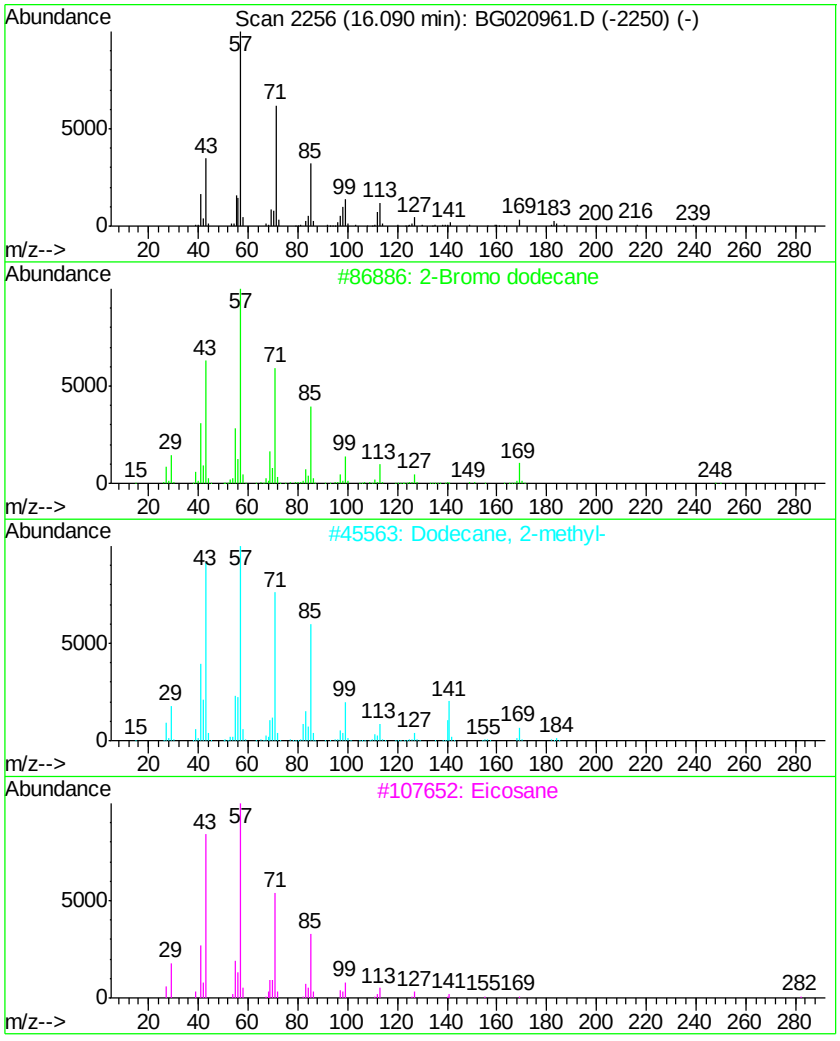
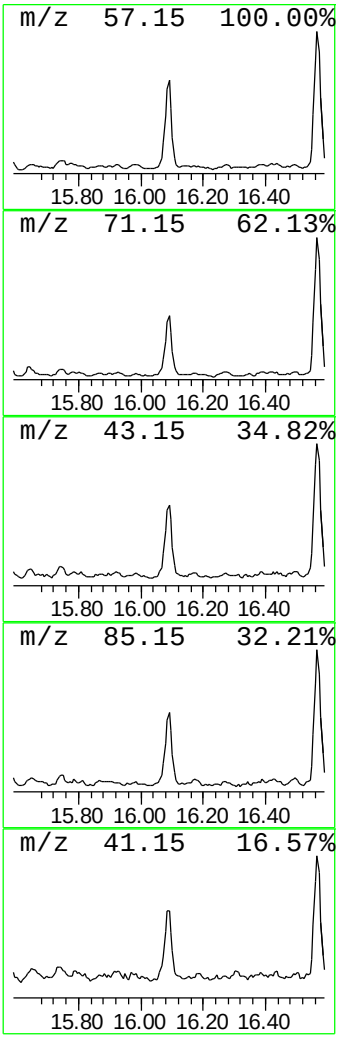
Peak Number 18 2-Bromo dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	11.98 ng	221542	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane	184	C13H28	000629-50-5	64





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

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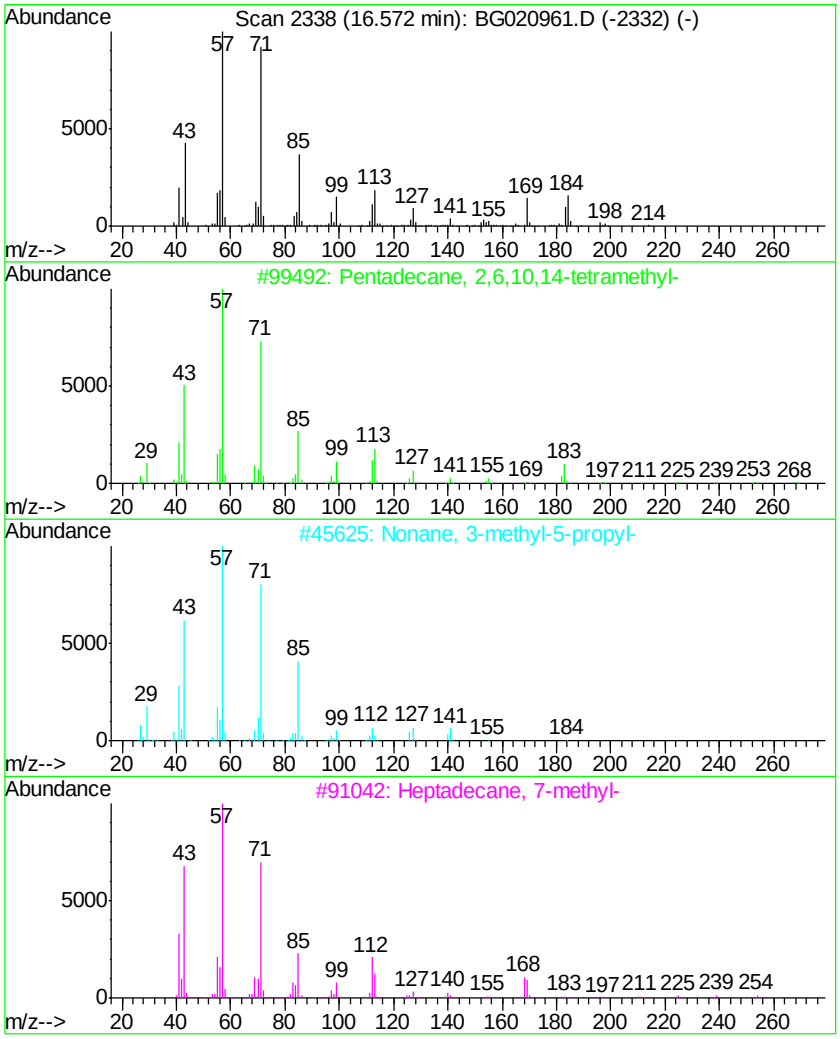
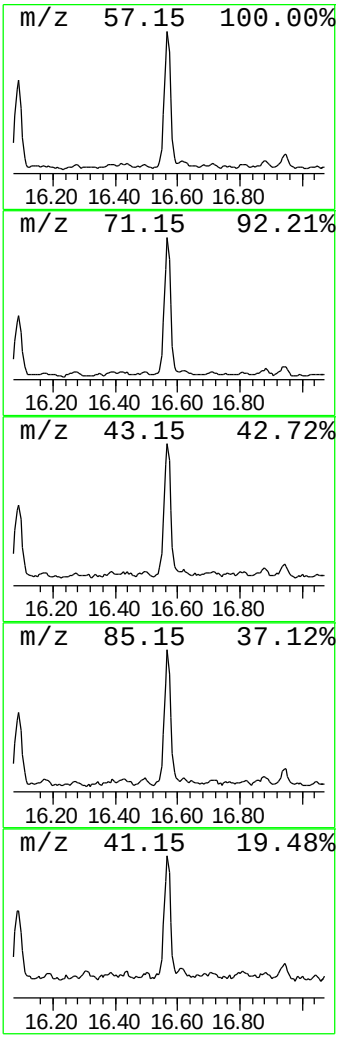
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	17.43 ng	299529	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	59
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58





Tentatively Identified Compound (LSC) summary

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Data File : BG020961.D
Acq On : 19 Feb 2016 7:35
Operator : SJ/UM
Sample : H1453-05 20X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EGR-A-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown3.09	3.09	11.1	ng	76112	1	8.26	137497	20.0
unknown7.78	7.78	5.2	ng	35560	1	8.26	137497	20.0
Pentadecane, 2,6,...	11.21	3.9	ng	59342	2	11.09	306951	20.0
Cyclohexane, (4-m...	11.77	4.9	ng	74991	2	11.09	306951	20.0
Octane, 2,6-dimet...	12.07	8.1	ng	124076	2	11.09	306951	20.0
unknown12.68	12.68	5.0	ng	76035	2	11.09	306951	20.0
Heptadecane, 2,6,...	13.39	8.5	ng	157577	3	14.87	369928	20.0
Naphthalene, 2,6-...	14.19	7.5	ng	138046	3	14.87	369928	20.0
Dodecane, 1-iodo-	14.33	10.1	ng	186193	3	14.87	369928	20.0
Naphthalene, 1,3-...	14.43	4.6	ng	84532	3	14.87	369928	20.0
Naphthalene, 2-(1...	15.07	6.4	ng	117894	3	14.87	369928	20.0
Naphthalene, 1,4,...	15.26	6.9	ng	128108	3	14.87	369928	20.0
Naphthalene, 1,6,...	15.33	10.4	ng	191886	3	14.87	369928	20.0
Azulene, 4,6,8-tr...	15.90	4.0	ng	73266	3	14.87	369928	20.0
2-Bromo dodecane	16.09	12.0	ng	221542	3	14.87	369928	20.0
Pentadecane, 2,6,...	16.57	17.4	ng	299529	4	17.61	343681	20.0