LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022695.D
Acq On : 29 Jun 2016 3:47
Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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-BG062516.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	3.057	32	37	56	rVB	2947937	4297283	20.42%	1.754%
2	5.237	401	408	417	rVB	148013	235112	1.12%	0.096%
3	5.701	480	487	496	rBV	2399312	4010051	19.06%	1.637%
4	7.305	752	760	772	rBV	2678153	4896936	23.27%	1.999%
5	7.687	813	825	834	rBV	2549521	4599355	21.86%	1.878%
6	8.081	885	892	896	rBV8	84342	231304	1.10%	0.094%
7	8.122	896	899	902	rVV2	212525	334677	1.59%	0.137%
8	8.163	902	906	911	rVV	492220	858442	4.08%	0.350%
9	8.339	931	936	940	rVB5	178754	295638	1.41%	0.121%
10	8.404	940	947	950	rBV3	120115	236786	1.13%	0.097%
11	8.486	955	961	971	rVB	1959468	3502283	16.64%	1.430%
12	8.651	984	989	992	rBV3	128603	217267	1.03%	0.089%
13	8.721	998	1001	1010	rVB6	180894	376244	1.79%	0.154%
14	8.827	1010	1019	1026	rBV9	92404	318429	1.51%	0.130%
15	9.003	1044	1049	1051	rBV2	211190	329492	1.57%	0.135%
16	9.044	1054	1056	1065	rVB4	191532	345737	1.64%	0.141%
17	9.268	1083	1094	1099	rBV5	391066	1126244	5.35%	0.460%
18	9.332	1099	1105	1117	rVB	1637638	3449533	16.39%	1.408%
19	9.426	1117	1121	1125	rVB6	134110	222912	1.06%	0.091%
20	9.508	1125	1135	1146	rBV6	316604	1266134	6.02%	0.517%
21	9.626	1146	1155	1162	rVB6	318789	879171	4.18%	0.359%
22	9.738	1166	1174	1180	rBV9	160416	496886	2.36%	0.203%
23	9.802	1180	1185	1189	rBV3	347583	541447	2.57%	0.221%
24	9.896	1197	1201	1204	rBV2	280666	410169	1.95%	0.167%
25	10.055	1218	1228	1232	rBV6	364984	1064929	5.06%	0.435%
26	10.161	1239	1246	1253	rBV7	586494	1376488	6.54%	0.562%
27	10.372	1278	1282	1286	rBV5	211968	399547	1.90%	0.163%
28	10.543	1307	1311	1320	rBV7	269581	735324	3.49%	0.300%
29	10.695	1328	1337	1342	rBV4	458292	1240386	5.90%	0.506%
30	10.754	1344	1347	1351	rVB5	189321	270560	1.29%	0.110%
31	10.866	1363	1366	1373	rVB5	173375	335088	1.59%	0.137%
32	10.954	1374	1381	1382	rBV6	343047	714460	3.40%	0.292%
33	10.989	1383	1387	1391	rVB2	691113	1139489	5.42%	0.465%
34	11.089	1401	1404	1405	rBV2	204744	239011	1.14%	0.098%

LSC Area Percent Report

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Data File : BG022695.D
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Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.124	1406	1410	1416	rVB	1702206	2850918	13.55%	1.164%
36	11.189	1417	1421	1429	rBV6	605495	1389397	6.60%	0.567%
37	11.353	1445	1449	1453	rBV3	343708	558835	2.66%	0.228%
38	11.406	1454	1458	1462	rVB4	315714	473385	2.25%	0.193%
39	11.471	1463	1469	1474	rVB4	826746	1672458	7.95%	0.683%
40	11.530	1474	1479	1480	rBV5	278912	419935	2.00%	0.171%
41	11.676	1494	1504	1511	rBV10	812100	2116032	10.06%	0.864%
42	11.806	1521	1526	1534	rBV7	671488	1450726	6.89%	0.592%
43	11.988	1552	1557	1561	rBV	3375178	5110250	24.29%	2.086%
44	12.029	1561	1564	1568	rVV	1092217	1682561	8.00%	0.687%
45	12.076	1568	1572	1579	rVB5	1029423	1953834	9.29%	0.798%
46	12.176	1585	1589	1594	rVB5	421863	809461	3.85%	0.330%
47	12.258	1600	1603	1607	rBV3	409554	551457	2.62%	0.225%
48	12.593	1654	1660	1667	rVB5	1687570	4190630	19.92%	1.711%
49	12.658	1668	1671	1674	rBV4	335927	478772	2.28%	0.195%
50	12.775	1688	1691	1693	rBV3	474930	624024	2.97%	0.255%
51	13.075	1738	1742	1750	rVB3	922624	2021681	9.61%	0.825%
52	13.327	1779	1785	1791	rVB2	5505197	8533056	40.55%	3.484%
53	13.421	1795	1801	1806	rVB	3895414	6388226	30.36%	2.608%
54	13.586	1825	1829	1835	rBV4	1708435	4216909	20.04%	1.721%
55	13.698	1842	1848	1850	rBV5	947113	2030155	9.65%	0.829%
56	13.850	1871	1874	1880	rVB3	1451838	2207502	10.49%	0.901%
57	14.121	1916	1920	1925	rVB2	1818322	2962687	14.08%	1.209%
58	14.174	1926	1929	1933	rVB2	1112798	1439419	6.84%	0.588%
59	14.226	1933	1938	1941	rBV	4930253	7666994	36.44%	3.130%
60	14.268	1941	1945	1950	rVB2	7098470	10067509	47.85%	4.110%
61	14.544	1986	1992	1997	rBV6	1923705	4331473	20.59%	1.768%
62	14.632	2002	2007	2012	rVB2	4567937	6834923	32.48%	2.790%
63	14.767	2024	2030	2032	rBV4	1939067	3925743	18.66%	1.603%
64	14.884	2046	2050	2053	rBV4	1531899	2290946	10.89%	0.935%
65	15.014	2066	2072	2080	rVB4	2804703	5888801	27.99%	2.404%
66	15.090	2081	2085	2087	rBV3	1136821	1736717	8.25%	0.709%
67	15.190	2097	2102	2107	rVB4	3048404	5483231	26.06%	2.238%
68	15.272	2113	2116	2119	rBV	1162521	1285829	6.11%	0.525%
69	15.419	2136	2141	2145	rBV2	3423215	6298910	29.94%	2.571%
70	15.466	2146	2149	2153	rVB2	1906404	2664184	12.66%	1.088%
71	15.519	2154	2158	2163	rBV3	1499604	2356400	11.20%	0.962%

LSC Area Percent Report

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Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.590	2164	2170	2173	rBV4	2789689	5218441	24.80%	2.130%
73	16.042	2243	2247	2256	rVB2	5658090	11314863	53.77%	4.619%
74	16.295	2286	2290	2295	rBV	4938758	6493923	30.86%	2.651%
75	16.530	2324	2330	2335	rVB	12861409	21041144	100.00%	8.590%
76	16.665	2348	2353	2357	rBV2	2216088	3736673	17.76%	1.525%
77	17.211	2443	2446	2452	rVB6	1364708	2060193	9.79%	0.841%
78	17.352	2465	2470	2474	rBV	5582570	8836799	42.00%	3.608%
79	17.957	2569	2573	2579	rBV4	2217801	3771520	17.92%	1.540%
80	18.433	2651	2654	2658	rBV2	1384242	2223879	10.57%	0.908%
81	19.350	2806	2810	2815	rBV	2173508	3209775	15.25%	1.310%
82	19.479	2829	2832	2838	rBV2	757927	1547359	7.35%	0.632%
83	19.973	2913	2916	2922	rVB2	907466	1424392	6.77%	0.581%
84	20.037	2923	2927	2932	rVB	1001791	1658004	7.88%	0.677%
85	20.155	2943	2947	2952	rVB	6768646	8778495	41.72%	3.584%
86	21.847	3229	3235	3245	rVB2	1685392	2877513	13.68%	1.175%
87	25.202	3796	3806	3818	rBV2	929130	2805813	13.33%	1.145%

Sum of corrected areas: 244955570

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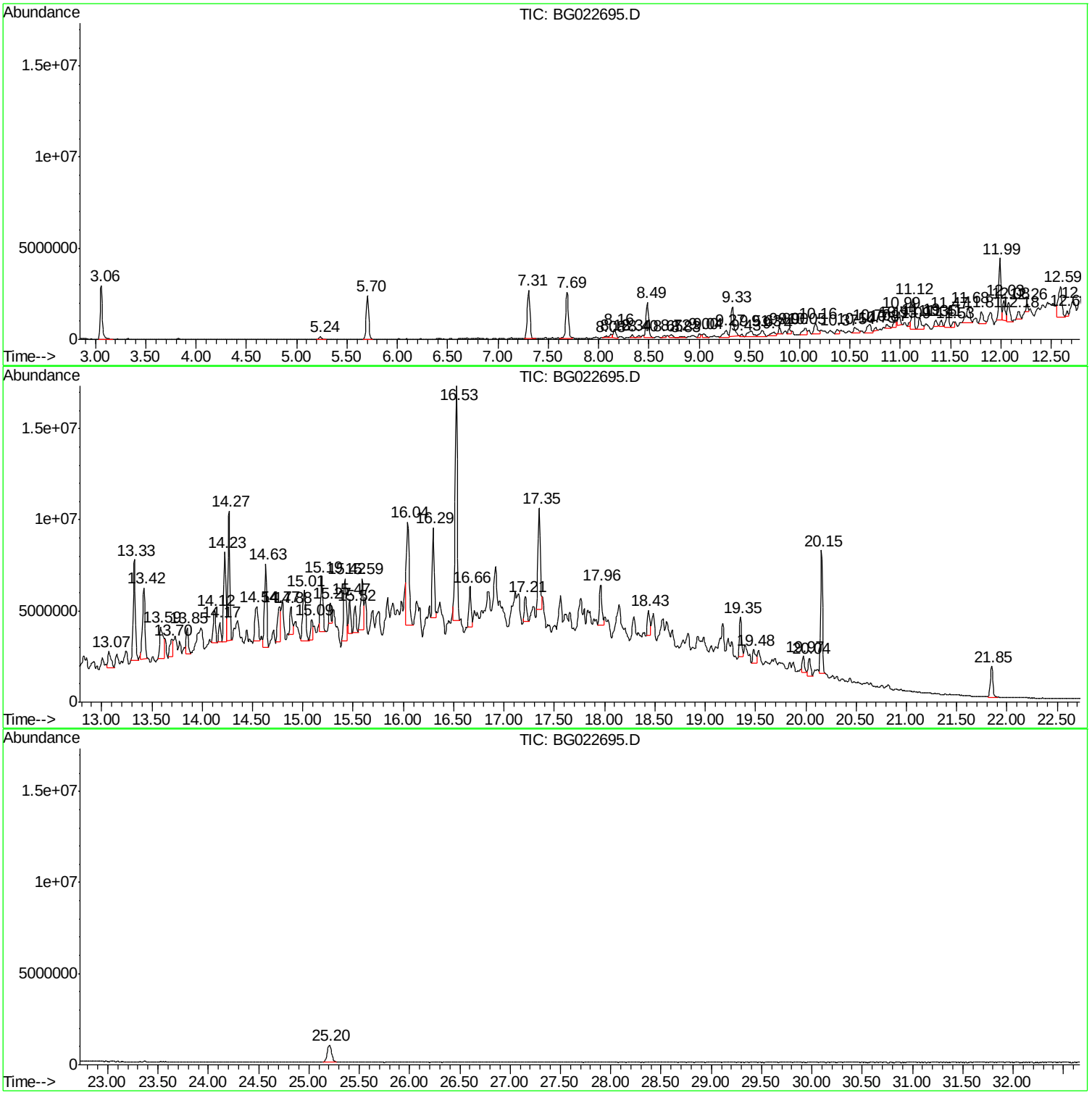
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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\BG062816\
Data File : BG022695.D
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Operator : UM/SJ
Sample : H3769-05
Misc :
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Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

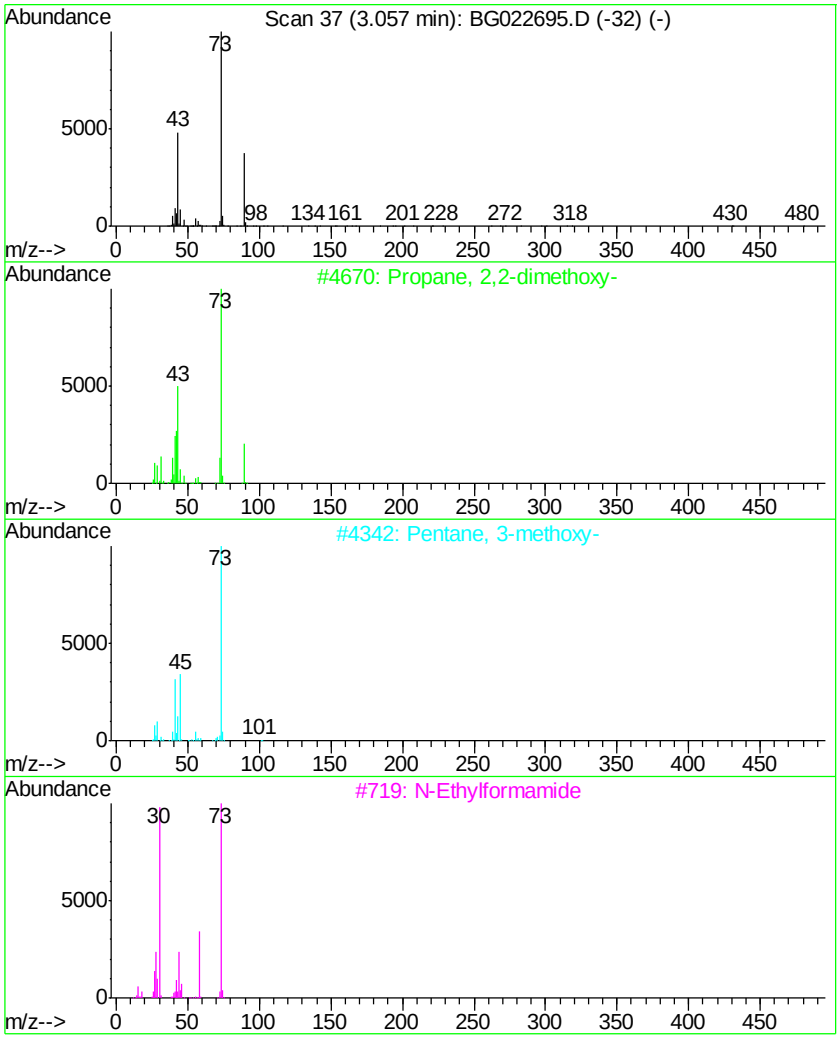
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

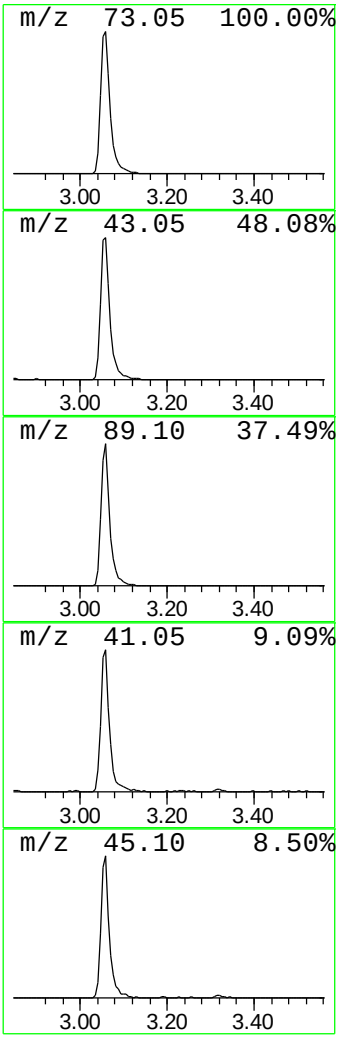
****

Peak Number 1 unknown3.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	100.12 ng	4297280	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Data File : BG022695.D
Acq On : 29 Jun 2016 3:47
Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

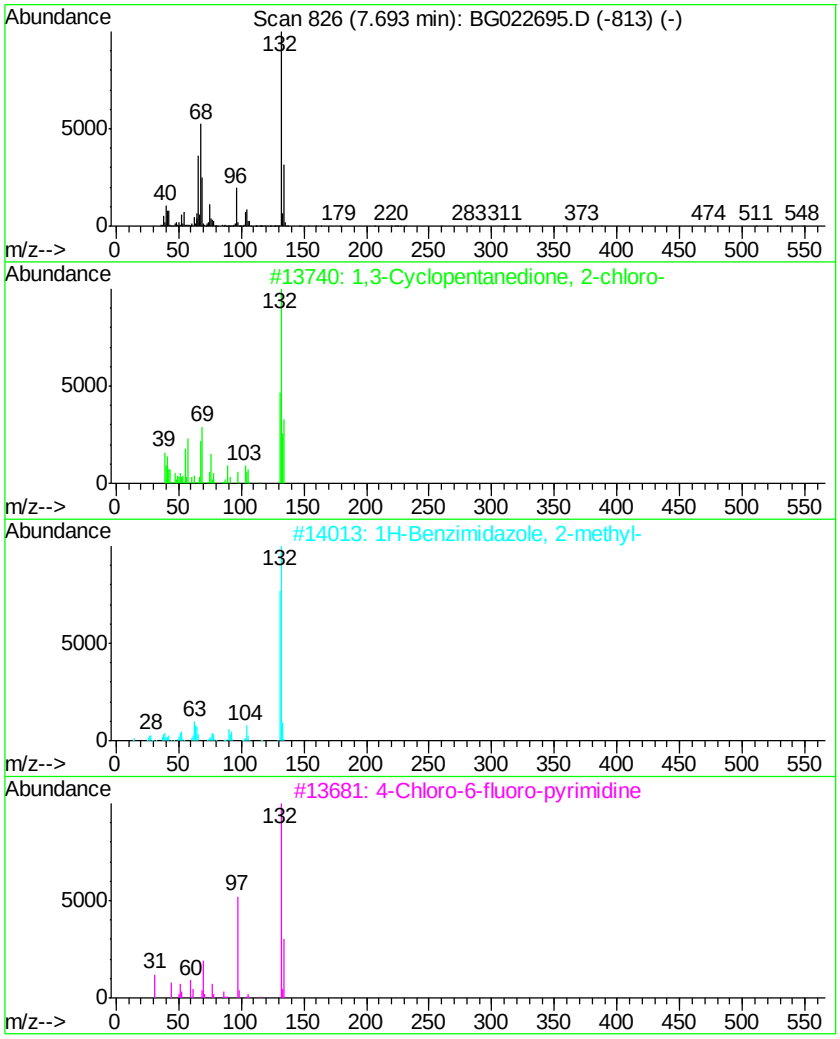
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

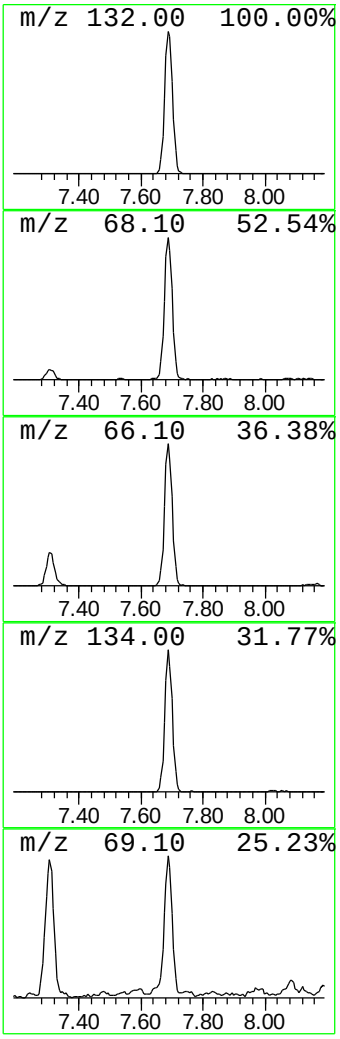
****

Peak Number 2 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	107.16 ng	4599360	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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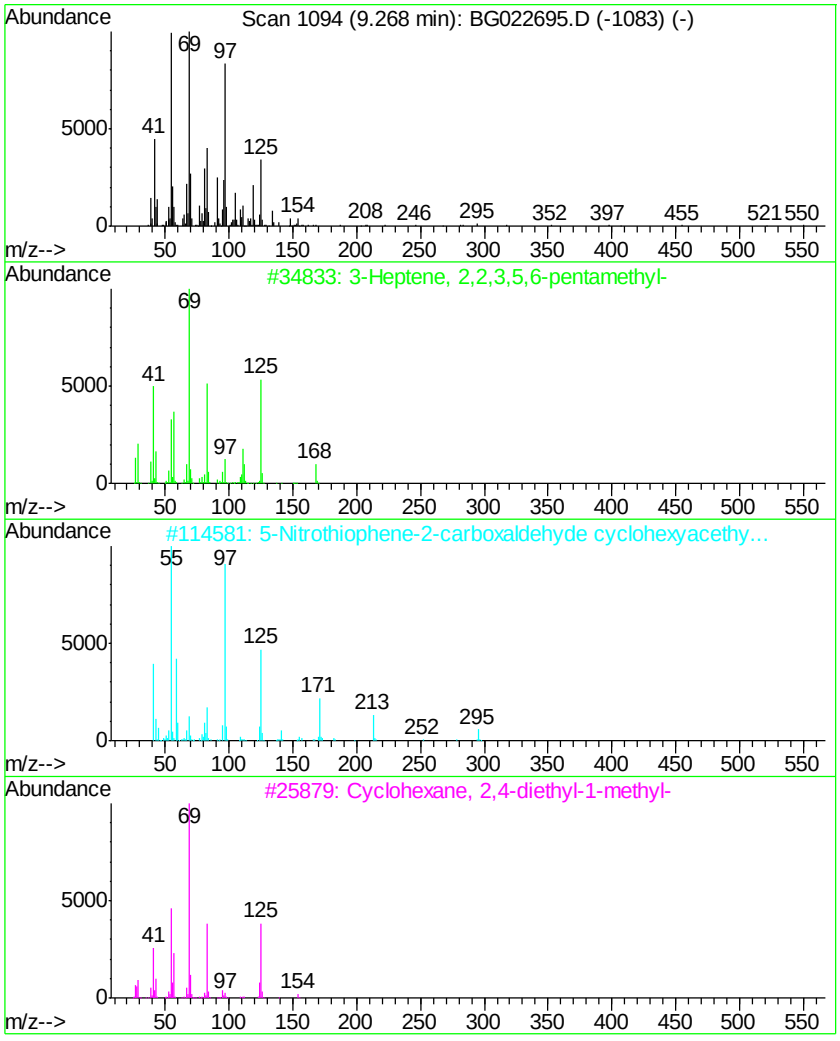
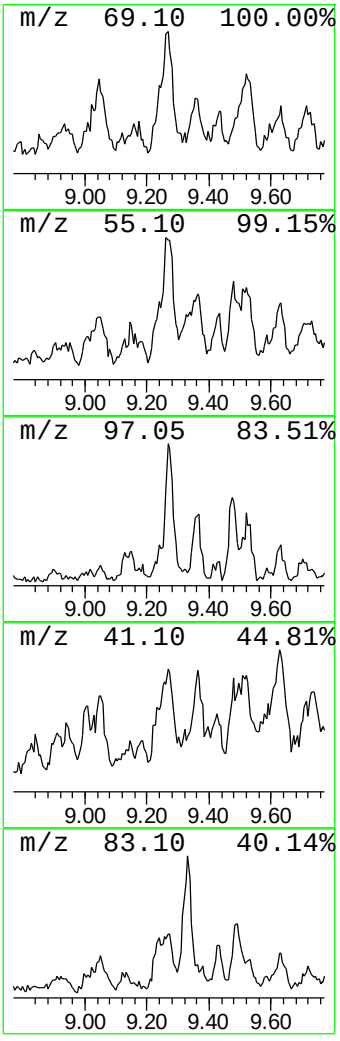
Peak Number 4 unknown9.27 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	26.24 ng	1126240	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	43
2	5-Nitrothiophene-2-carboxaldehyd...	295	C13H17N3O3S	1000253-90-8	35
3	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	30
4	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	27
5	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	27





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Sample : H3769-05
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Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

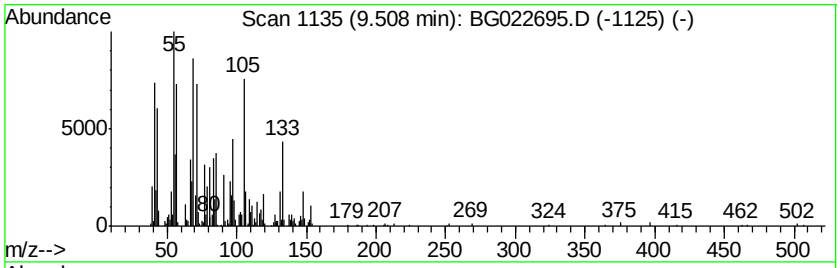
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

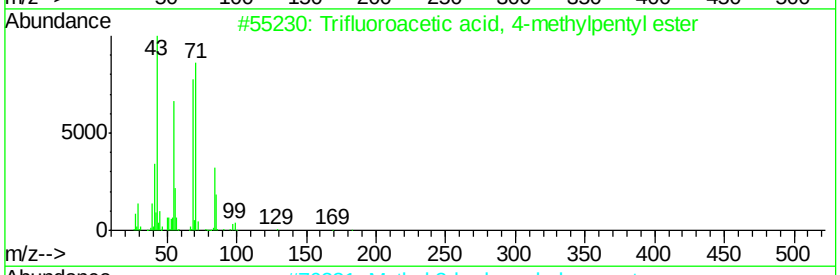
****

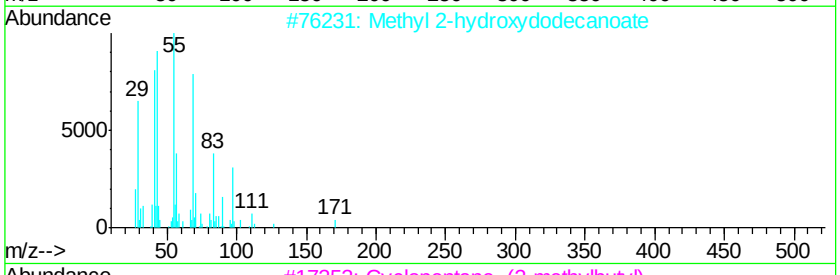
Peak Number 5 unknown9.51 Concentration Rank 16

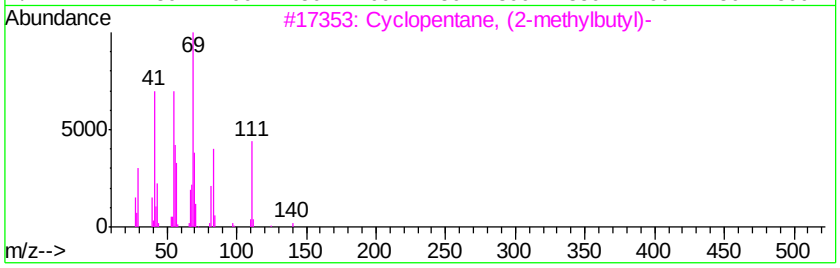
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	29.50 ng	1266130	1,4-Dichlorobenzene-d4	8.16

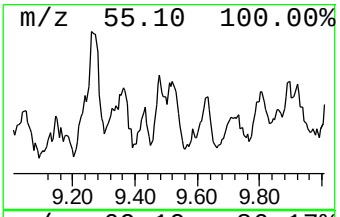
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	43
2	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	27
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	18
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	15
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	14

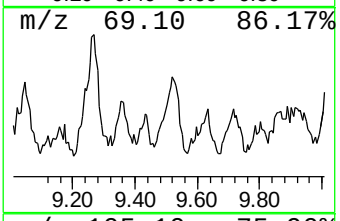


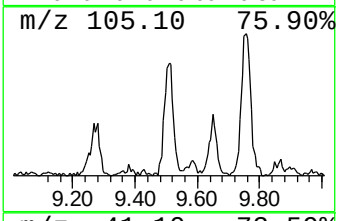


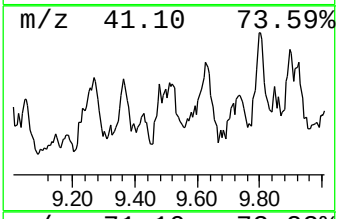


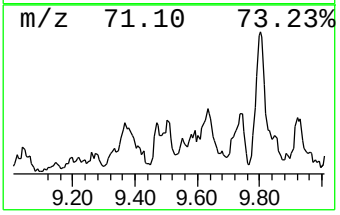












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Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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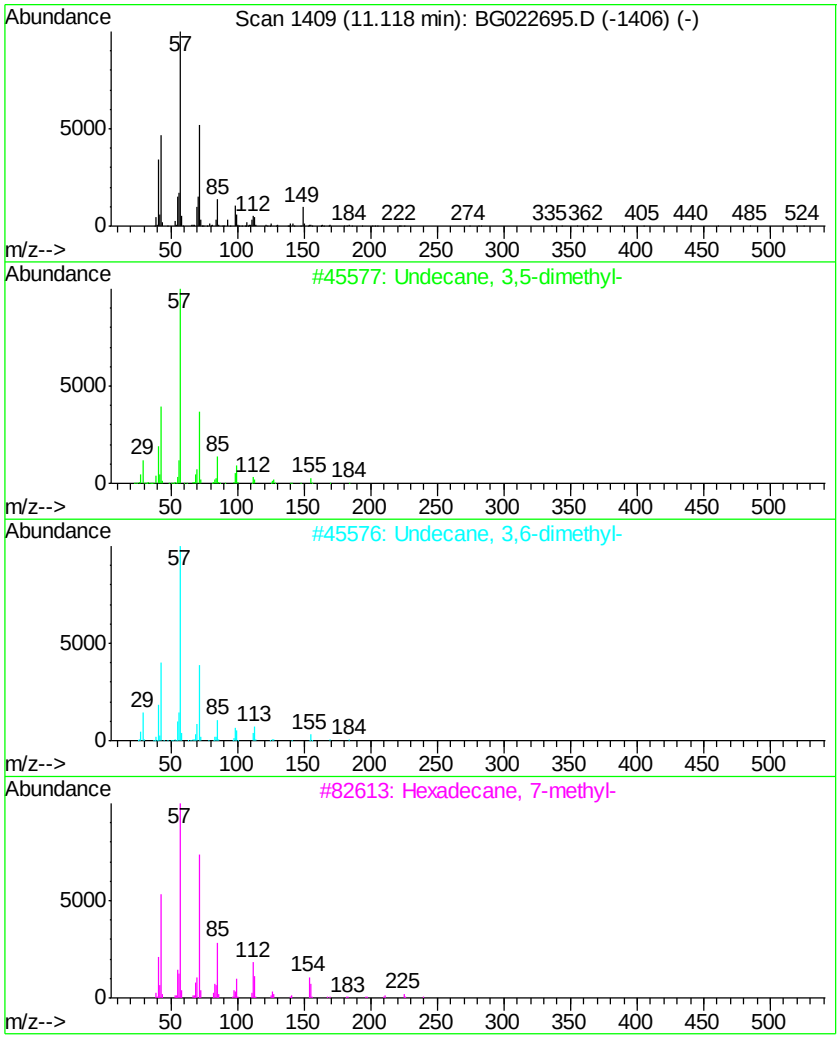
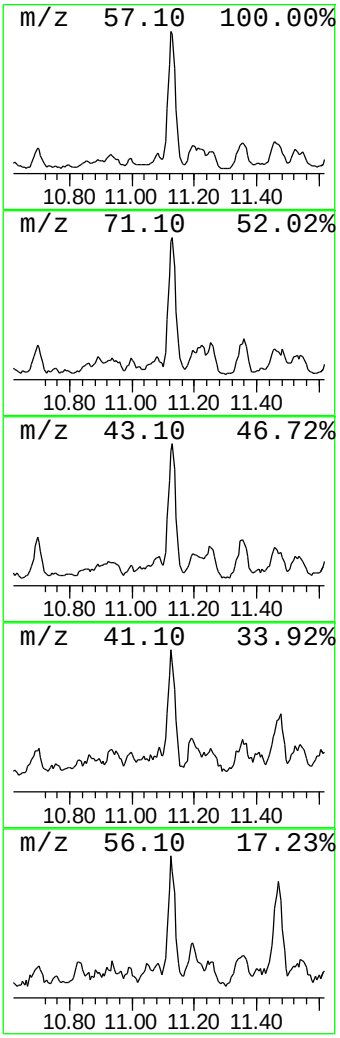
Peak Number 6 Undecane, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	50.04 ng	2850920	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





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Acq On : 29 Jun 2016 3:47
Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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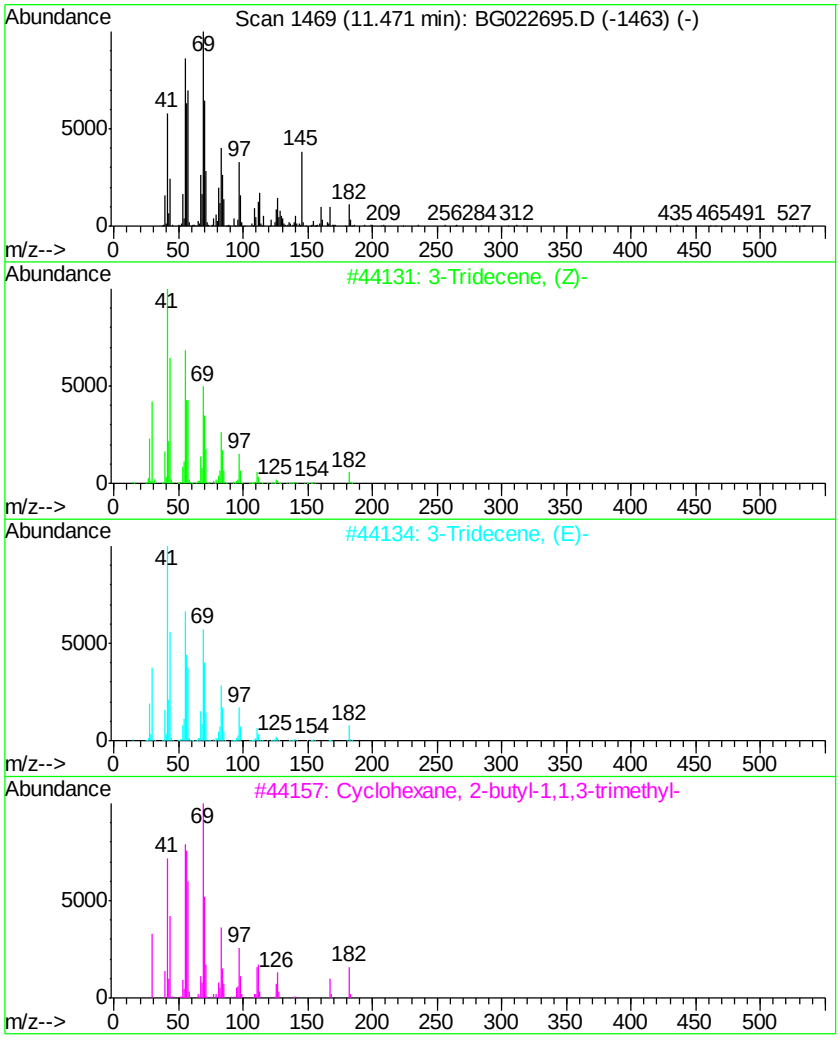
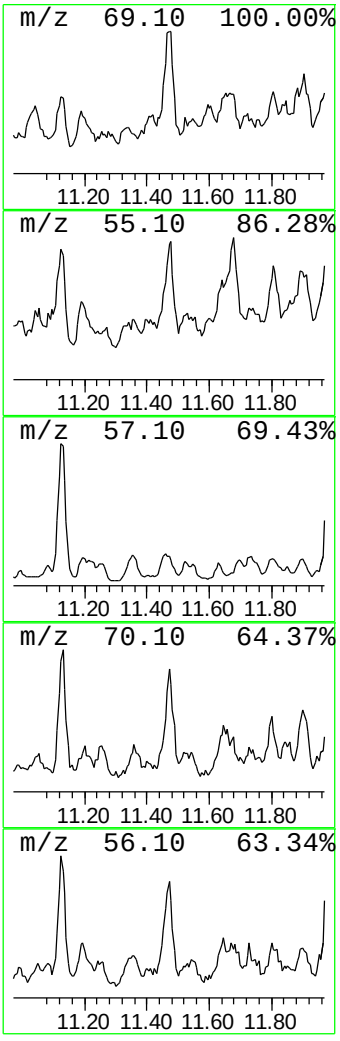
Peak Number 7 3-Tridecene, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	29.35 ng	1672460	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tridecene, (Z)-	182	C13H26	041446-53-1	90
2	3-Tridecene, (E)-	182	C13H26	041446-57-5	90
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
4	Cyclopentane, butyl-	126	C9H18	002040-95-1	81
5	6-Tridecene, (E)-	182	C13H26	006434-76-0	81





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Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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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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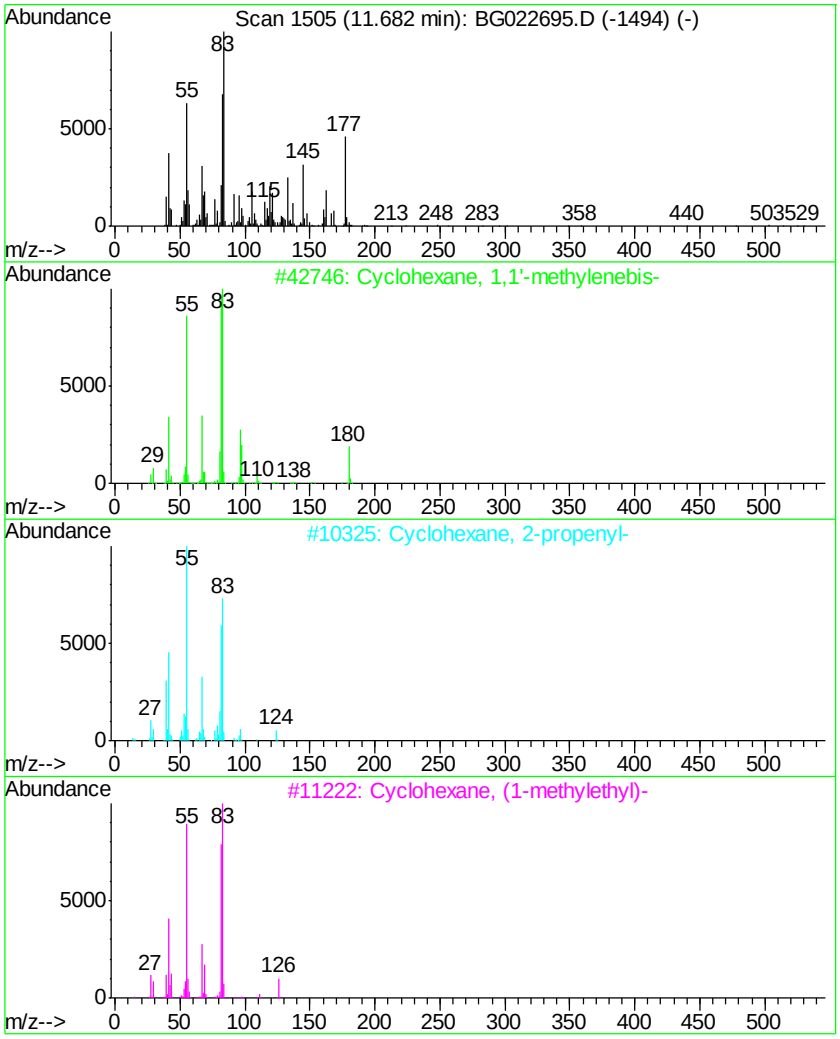
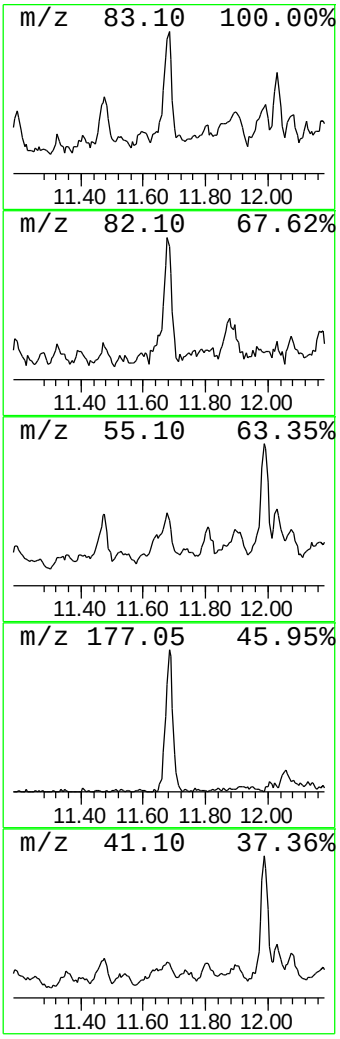
Peak Number 8 unknown11.68 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	37.14 ng	2116030	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	46
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38





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Instrument : BNA_G
ClientSampleId : EPCH-DUP

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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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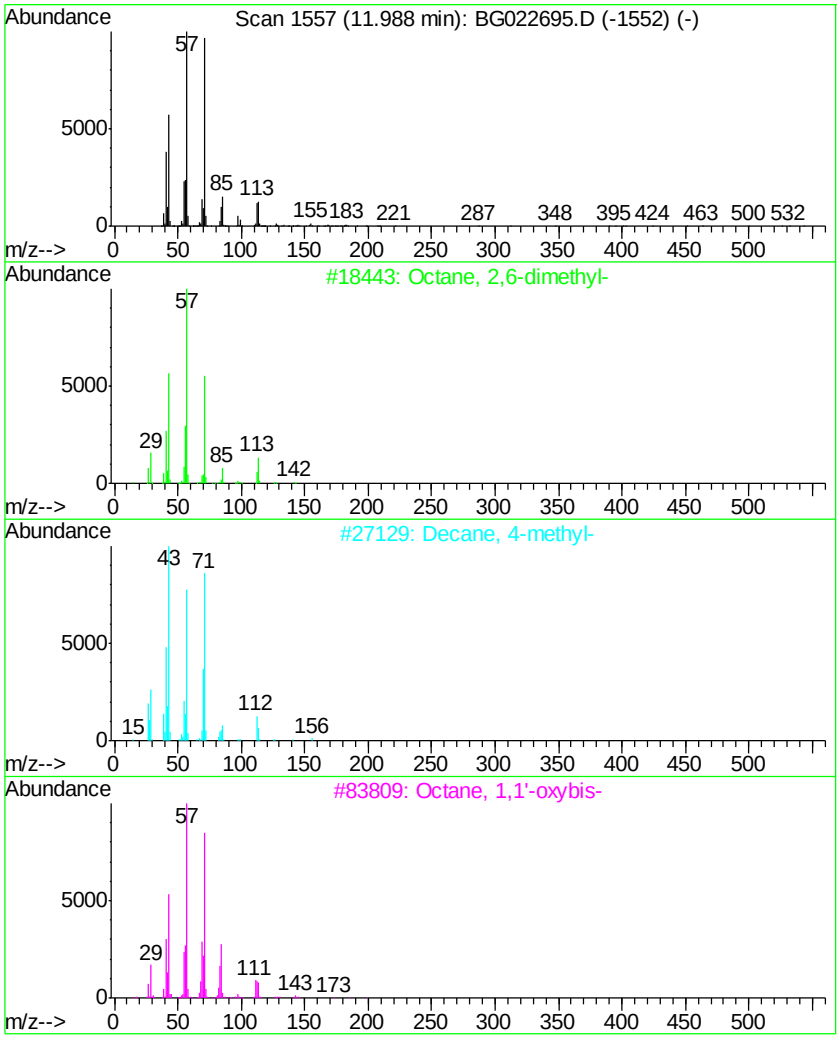
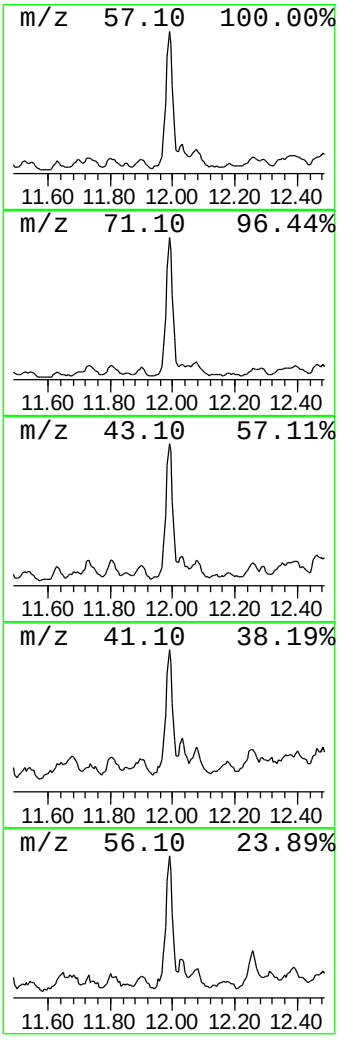
Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	89.69 ng	5110250	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Decane, 4-methyl-	156	C11H24	002847-72-5	72
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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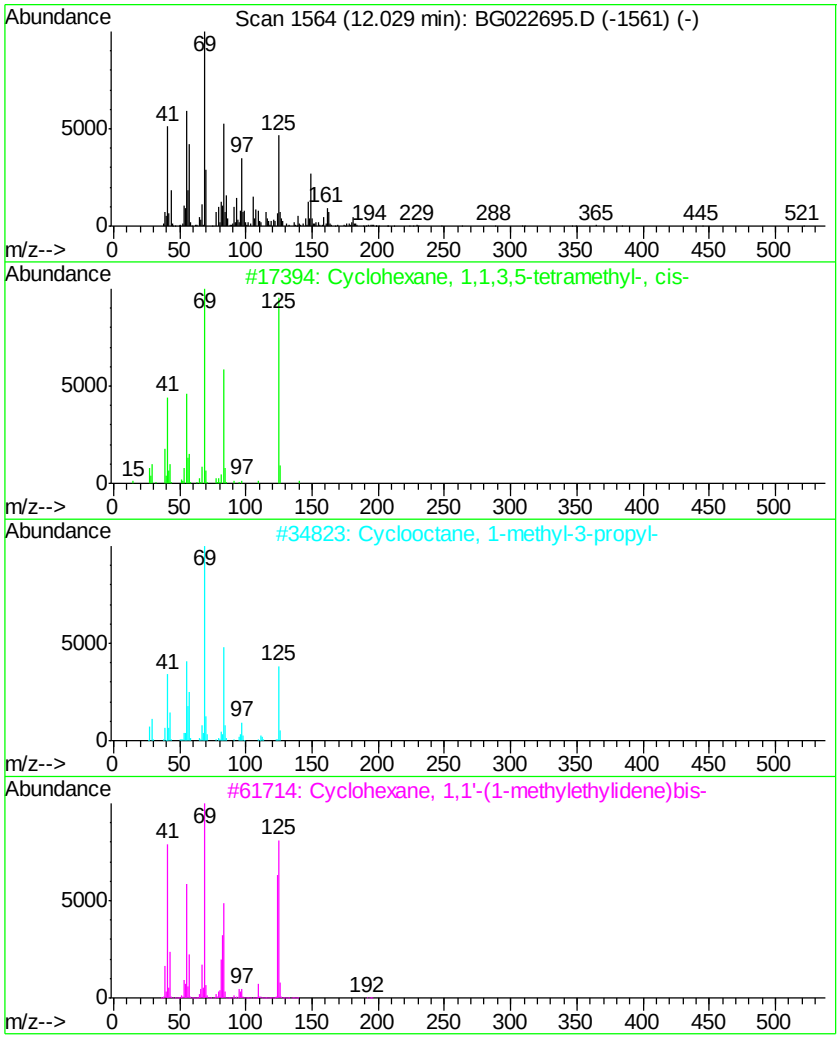
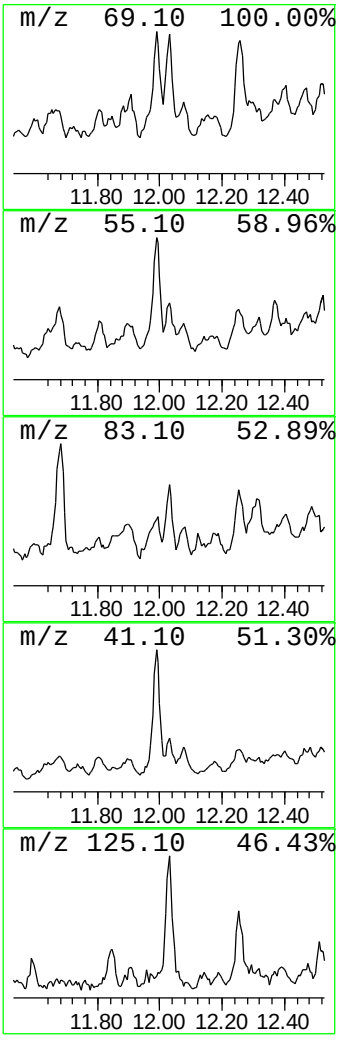
Peak Number 10 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	29.53 ng	1682560	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	58
2	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53
3	Cyclohexane, 1,1'-(1-methylethyl...	208	C15H28	054934-90-6	50
4	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35





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Acq On : 29 Jun 2016 3:47
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Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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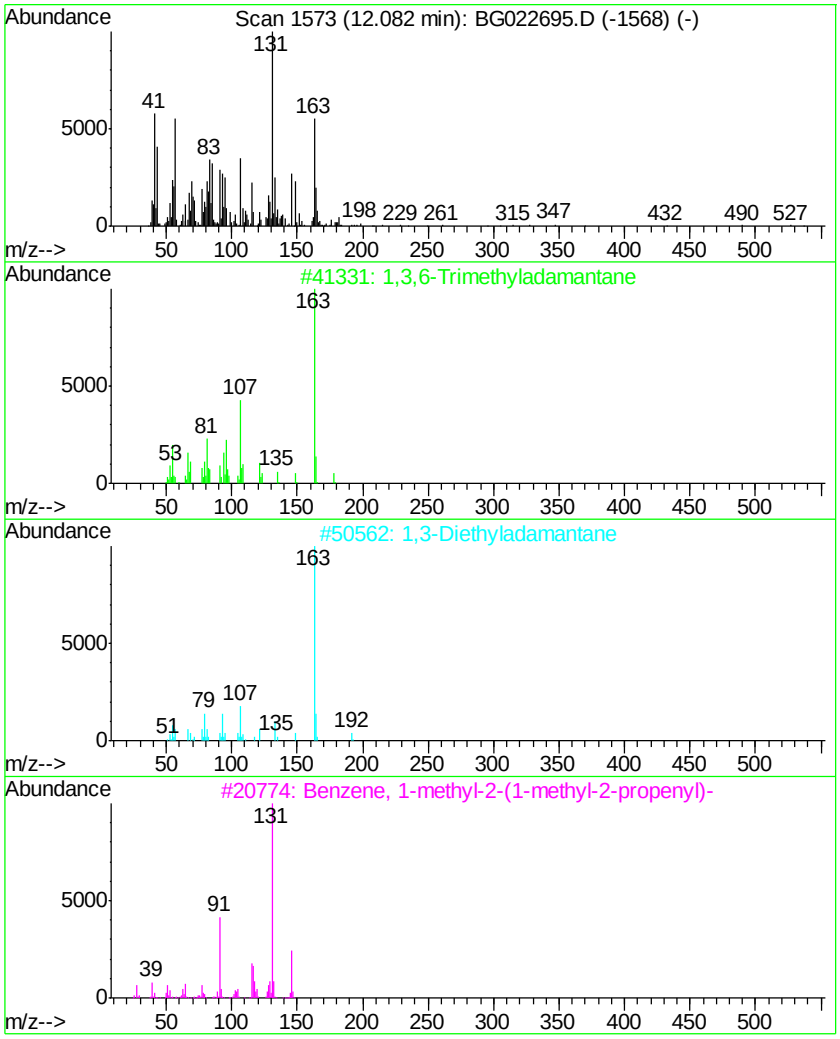
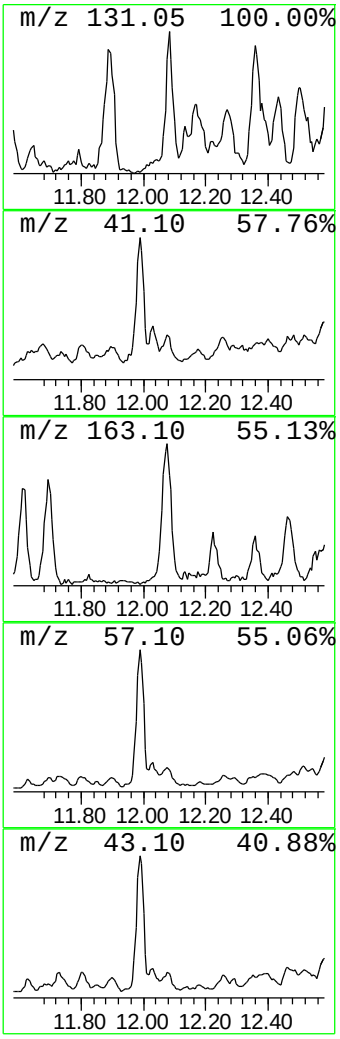
Peak Number 11 unknown12.08 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	34.29 ng	1953830	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	38
2	1,3-Diethyladamantane	192	C14H24	025074-51-5	27
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	25
4	10,10-Dimethyl-4-acetyl-tricyclo...	206	C14H22O	176171-97-4	22
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	15





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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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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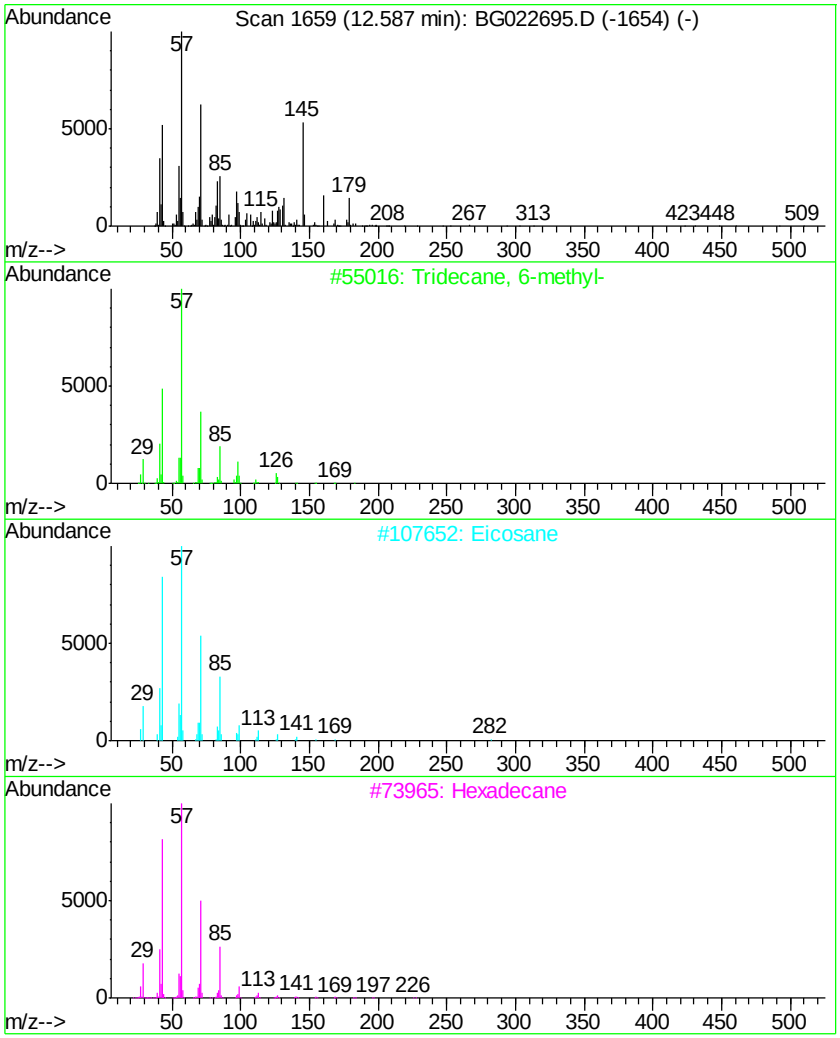
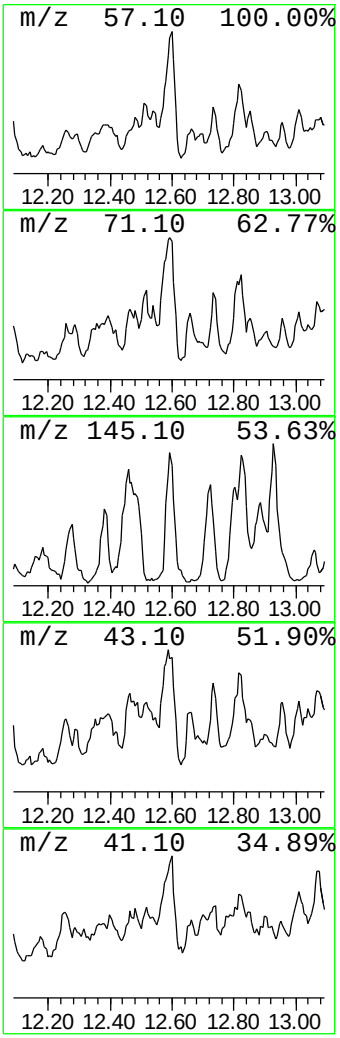
Peak Number 12 unknown12.59 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	73.55 ng	4190630	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
2	Eicosane	282	C20H42	000112-95-8	35
3	Hexadecane	226	C16H34	000544-76-3	35
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	30





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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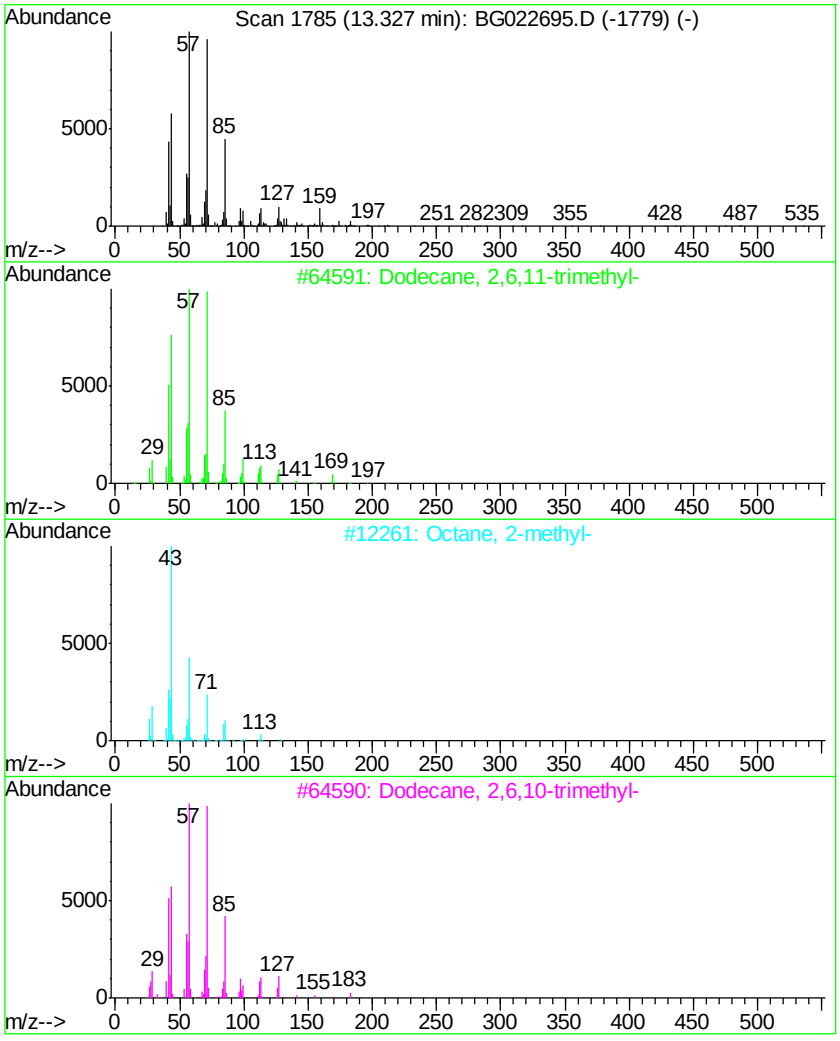
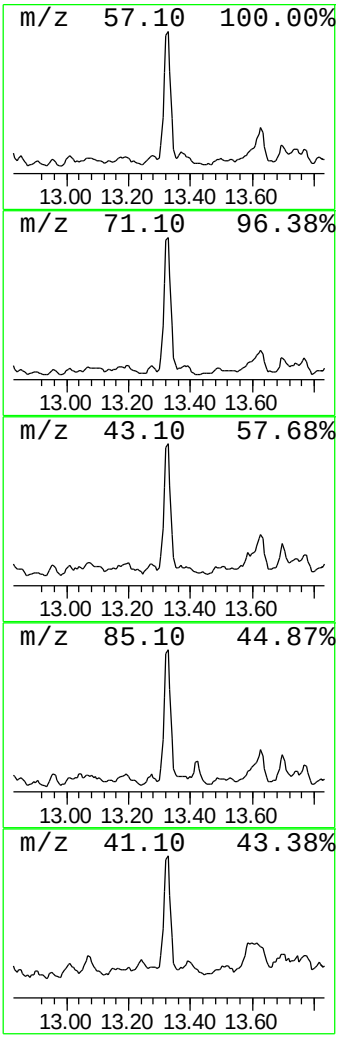
Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	43.47 ng	8533060	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
2	Octane, 2-methyl-	128	C9H20	003221-61-2	81
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	81
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Misc :
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Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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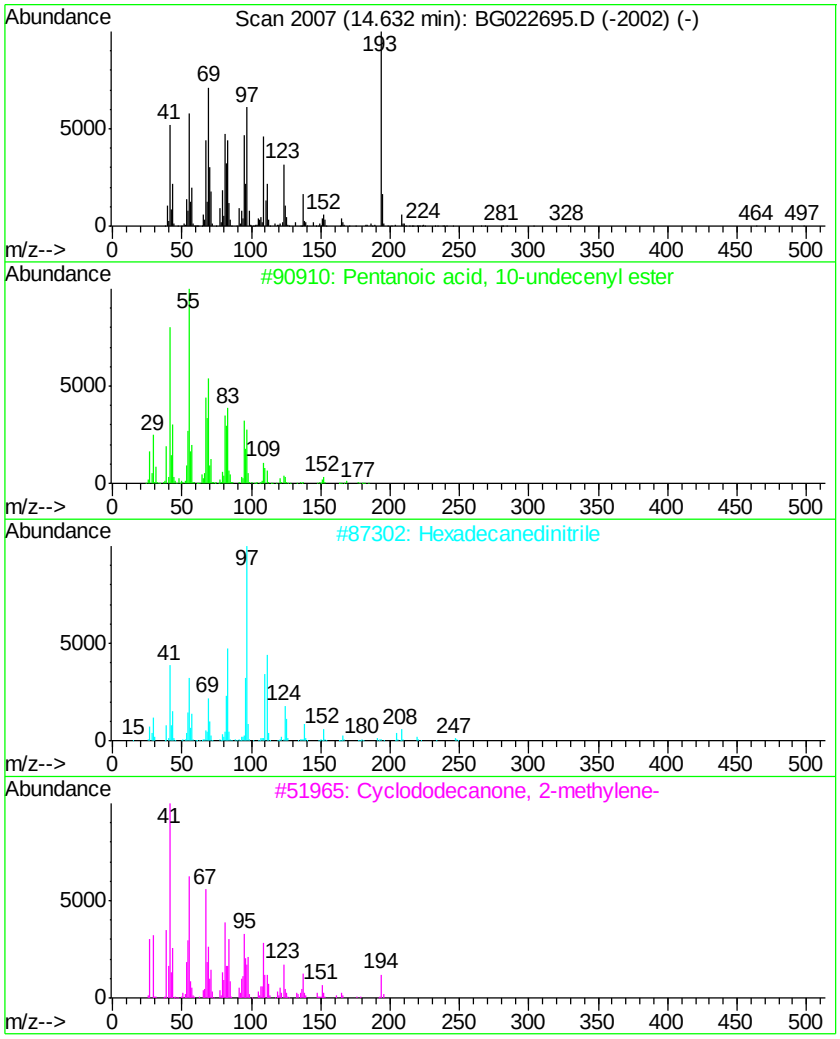
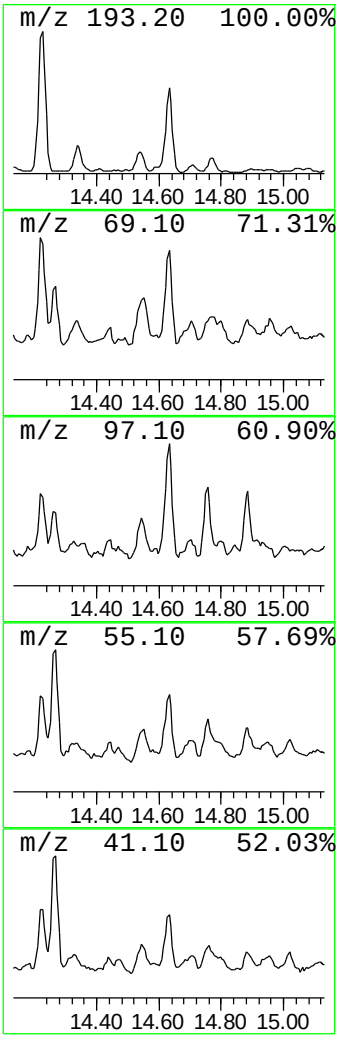
Peak Number 14 unknown14.63 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	34.82 ng	6834920	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	38
2	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22
3	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	22
4	Cyclohexane, 1,5-diisopropyl-2,3...	196	C14H28	1000149-58-8	22
5	Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	22





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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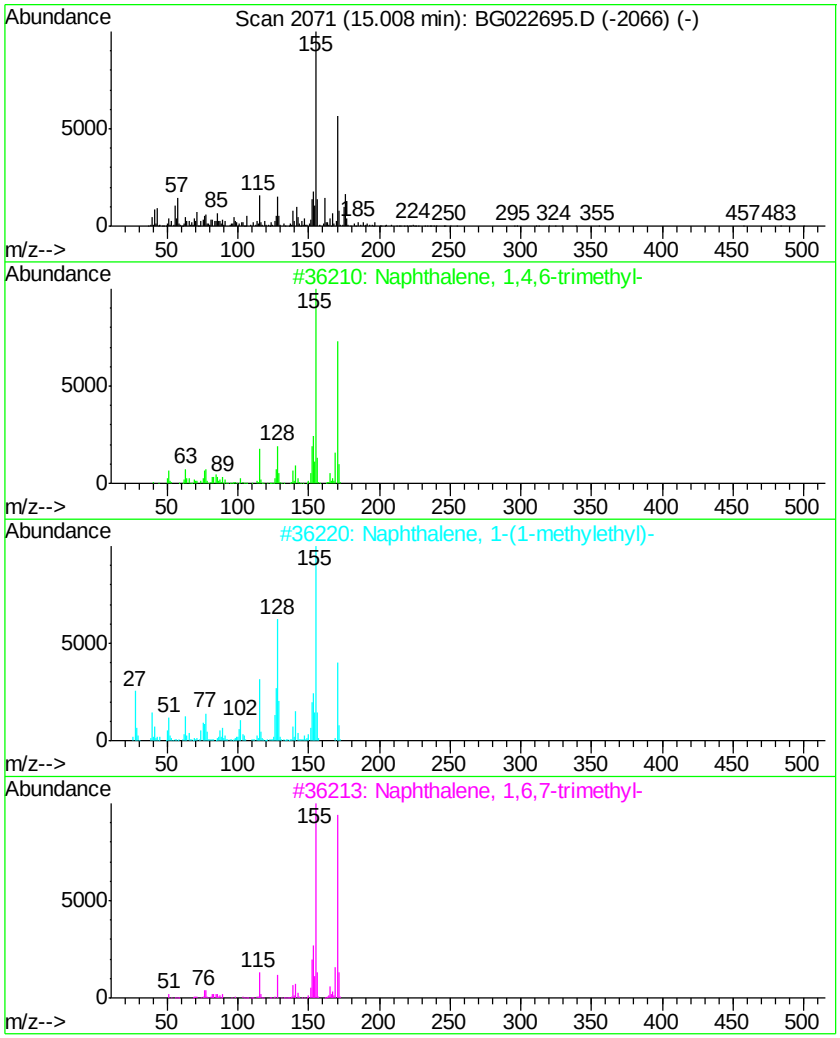
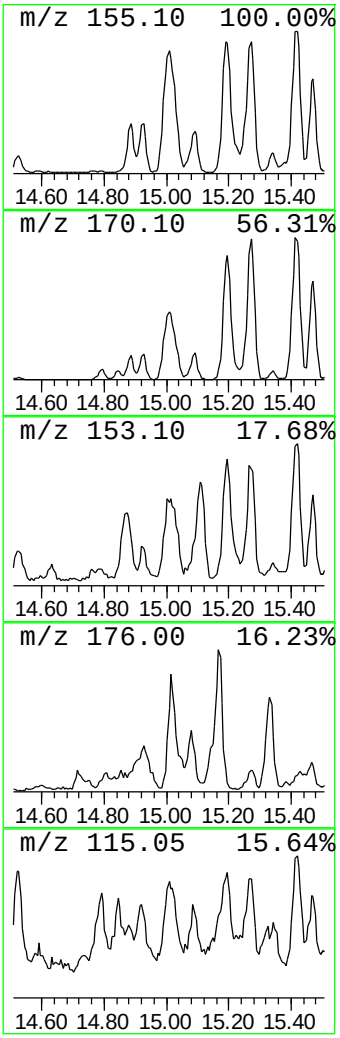
Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	30.00 ng	5888800	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	89
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89





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Sample : H3769-05
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

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TIC Library : C:\DATABASE\NIST02.L
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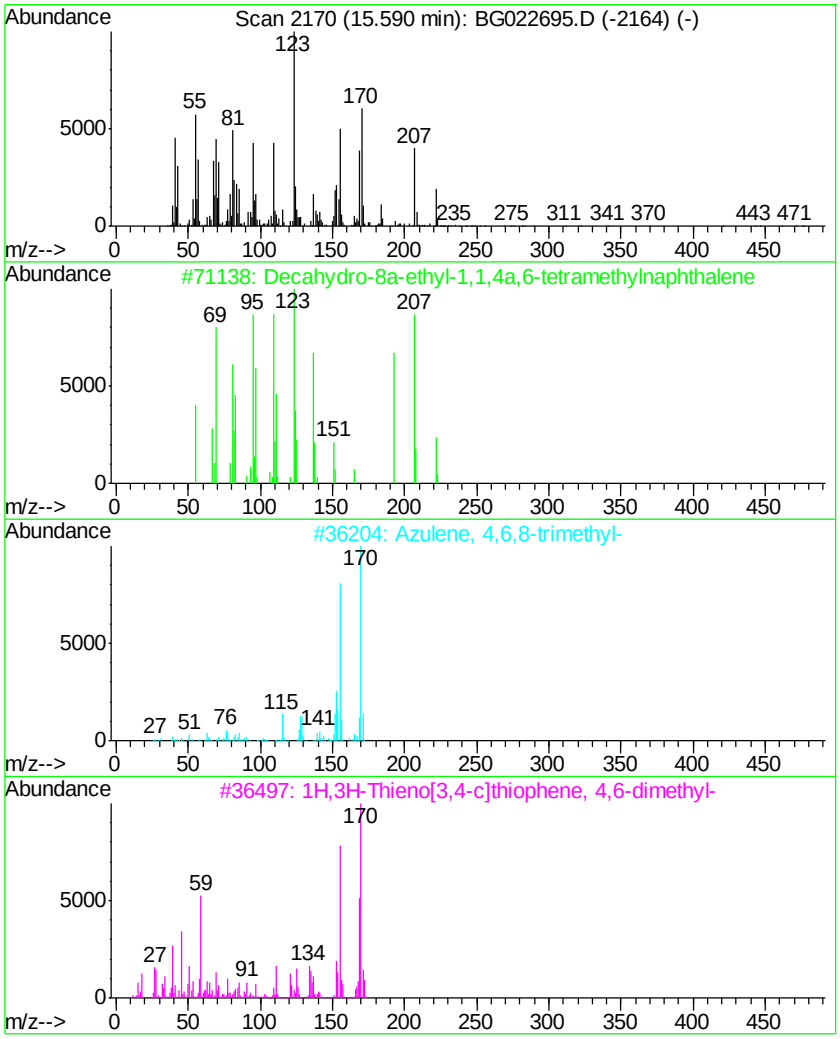
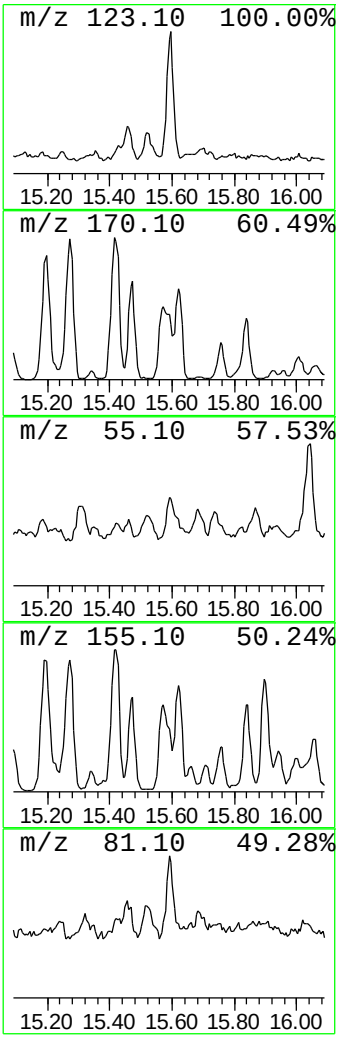
Peak Number 18 unknown15.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	26.59 ng	5218440	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	38
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	35
3	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	25
4	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	25
5	1-Butanone, 4-chloro-1-(4-fluoro...	200	C10H10ClFO	003874-54-2	22





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Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
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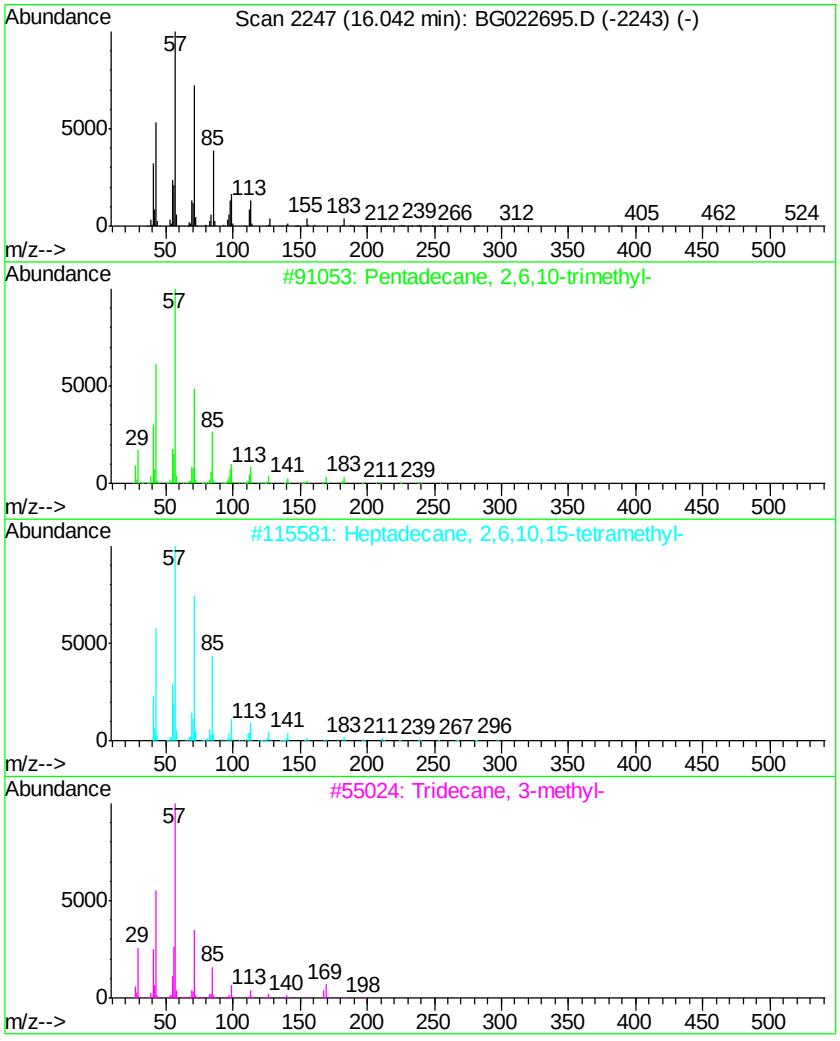
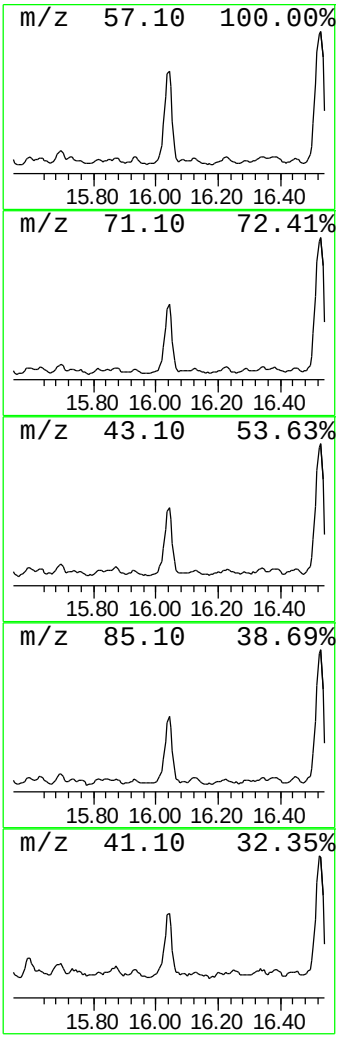
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	57.64 ng	11314900	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\
Data File : BG022695.D
Acq On : 29 Jun 2016 3:47
Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

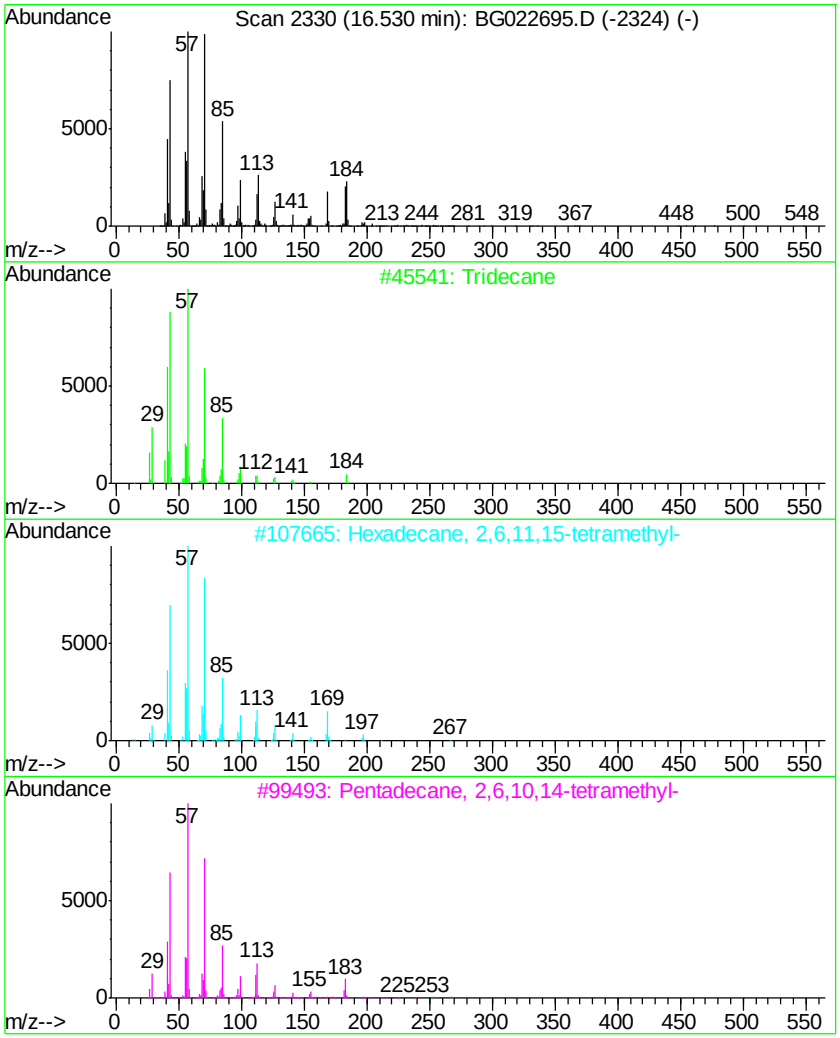
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

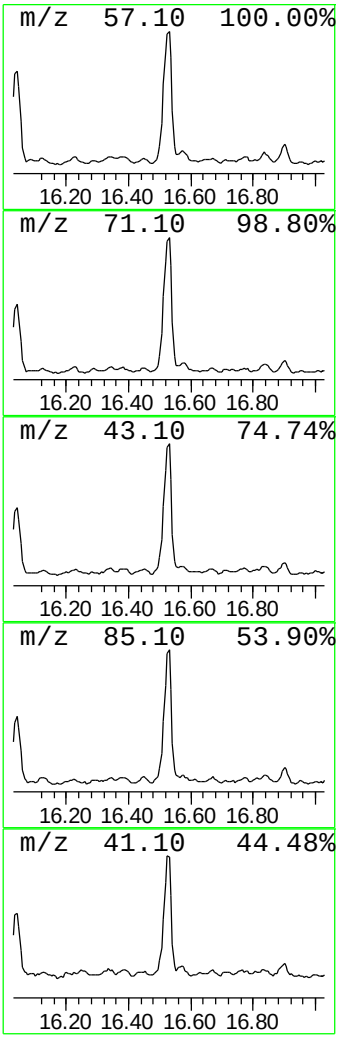
****

Peak Number 20 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	47.62 ng	21041100	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	81
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062816\
Data File : BG022695.D
Acq On : 29 Jun 2016 3:47
Operator : UM/SJ
Sample : H3769-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPCH-DUP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
unknown3.06	3.06	100.1	ng	4297280	1	8.16	858442	20.0
unknown7.59	7.69	107.2	ng	4599360	1	8.16	858442	20.0
unknown9.27	9.27	26.2	ng	1126240	1	8.16	858442	20.0
unknown9.51	9.51	29.5	ng	1266130	1	8.16	858442	20.0
Undecane, 3,5-dim...	11.12	50.0	ng	2850920	2	10.98	1139490	20.0
3-Tridecene, (Z)-	11.47	29.4	ng	1672460	2	10.98	1139490	20.0
unknown11.68	11.68	37.1	ng	2116030	2	10.98	1139490	20.0
Octane, 2,6-dimet...	11.99	89.7	ng	5110250	2	10.98	1139490	20.0
Cyclohexane, 1,1,...	12.03	29.5	ng	1682560	2	10.98	1139490	20.0
unknown12.08	12.08	34.3	ng	1953830	2	10.98	1139490	20.0
unknown12.59	12.59	73.5	ng	4190630	2	10.98	1139490	20.0
Dodecane, 2,6,11-...	13.33	43.5	ng	8533060	3	14.80	3925740	20.0
unknown14.63	14.63	34.8	ng	6834920	3	14.80	3925740	20.0
Naphthalene, 1,4,...	15.01	30.0	ng	5888800	3	14.80	3925740	20.0
unknown15.59	15.59	26.6	ng	5218440	3	14.80	3925740	20.0
Pentadecane, 2,6,...	16.04	57.6	ng	11314900	3	14.80	3925740	20.0
Tridecane	16.53	47.6	ng	21041100	4	17.56	8836800	20.0