LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

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-BG012015.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	5.280	433	441	447	rBV	2087554	3114569	6.52%	0.326%
2	6.866	701	711	716	rVV3	1948854	5693018	11.92%	0.596%
3	7.224	767	772	782	rVB2	1939541	3384951	7.09%	0.354%
4	7.318	782	788	798	rBV2	4234877	10318213	21.60%	1.080%
5	7.665	841	847	854	rBV2	1594312	2759008	5.78%	0.289%
6	7.800	866	870	877	rVV2	1348371	2567151	5.37%	0.269%
7	8.229	937	943	948	rVB2	1933099	3720462	7.79%	0.390%
8	8.323	954	959	967	rBV3	2971076	6284830	13.16%	0.658%
9	8.787	1028	1038	1043	rVV	3241759	6392812	13.38%	0.669%
10	8.846	1043	1048	1055	rVV2	1626226	5437886	11.38%	0.569%
11	8.916	1055	1060	1069	rVB	7953830	12738232	26.66%	1.334%
12	9.040	1069	1081	1086	rBV7	2003012	5542271	11.60%	0.580%
13	9.116	1086	1094	1100	rBV4	991484	2827180	5.92%	0.296%
14	9.316	1123	1128	1133	rVV2	1645616	3533893	7.40%	0.370%
15	9.369	1133	1137	1147	rVV2	2222464	5231825	10.95%	0.548%
16	9.833	1210	1216	1219	rBV2	2679949	4349459	9.10%	0.455%
17	9.880	1219	1224	1227	rBV3	3009577	5394194	11.29%	0.565%
18	9.945	1232	1235	1241	rVB2	1968973	3120362	6.53%	0.327%
19	10.109	1259	1263	1269	rVB	1926410	3191954	6.68%	0.334%
20	10.385	1305	1310	1315	rVV4	1591292	4418792	9.25%	0.463%
21	10.462	1315	1323	1329	rVV2	14092006	25911517	54.24%	2.713%
22	10.526	1329	1334	1341	rVV2	4228360	9861022	20.64%	1.033%
23	10.591	1341	1345	1349	rVV	2697798	4736735	9.92%	0.496%
24	10.644	1349	1354	1359	rVV	4086752	6482506	13.57%	0.679%
25	10.697	1359	1363	1371	rVV3	1740380	3538401	7.41%	0.371%
26	10.943	1401	1405	1414	rVB2	2176978	5035061	10.54%	0.527%
27	11.137	1434	1438	1441	rBV2	1910352	3241291	6.79%	0.339%
28	11.179	1441	1445	1453	rVB4	2159153	4780675	10.01%	0.501%
29	11.249	1453	1457	1463	rVB5	1583124	2975197	6.23%	0.312%
30	11.320	1463	1469	1475	rBV3	2946317	5263379	11.02%	0.551%
31	11.396	1475	1482	1489	rVB3	4392016	8342727	17.46%	0.874%
32	11.513	1496	1502	1511	rBV3	5917709	13195512	27.62%	1.382%
33	11.584	1511	1514	1521	rVB2	1826053	3262365	6.83%	0.342%
34	11.672	1521	1529	1537	rBV2	5276487	10471329	21.92%	1.096%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

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-BG012015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.766	1537	1545	1549	rBV5	1239544	3161715	6.62%	0.331%
36	11.925	1565	1572	1577	rBV	13247888	21632282	45.28%	2.265%
37	12.036	1586	1591	1597	rVB3	2761224	5756536	12.05%	0.603%
38	12.160	1601	1612	1618	rVB2	10338321	23153118	48.47%	2.424%
39	12.377	1641	1649	1652	rBV	6960141	14007199	29.32%	1.467%
40	12.406	1652	1654	1659	rVV2	4963970	6699203	14.02%	0.701%
41	12.553	1672	1679	1682	rBV4	2502858	4313715	9.03%	0.452%
42	12.594	1682	1686	1694	rVB4	2739781	5599854	11.72%	0.586%
43	12.665	1694	1698	1700	rBV2	2863049	4123893	8.63%	0.432%
44	12.735	1705	1710	1714	rVB3	2470783	4028024	8.43%	0.422%
45	12.824	1720	1725	1730	rBV3	3547460	7458208	15.61%	0.781%
46	12.882	1730	1735	1739	rVB2	8615710	12807357	26.81%	1.341%
47	12.959	1744	1748	1751	rVB	2594093	3660954	7.66%	0.383%
48	13.182	1780	1786	1792	rVB3	17951444	31185429	65.28%	3.265%
49	13.282	1796	1803	1808	rVB3	3680181	8225764	17.22%	0.861%
50	13.335	1808	1812	1815	rBV3	2549654	3744790	7.84%	0.392%
51	13.370	1815	1818	1821	rVV	2647795	2808581	5.88%	0.294%
52	13.505	1835	1841	1843	rBV	8054635	13813841	28.92%	1.446%
53	13.676	1863	1870	1874	rBV	10563187	20834002	43.61%	2.182%
54	13.723	1874	1878	1883	rVB2	8665981	13199541	27.63%	1.382%
55	13.834	1888	1897	1900	rBV2	9253766	17696874	37.04%	1.853%
56	13.869	1900	1903	1906	rBV2	4407408	4966029	10.40%	0.520%
57	13.905	1906	1909	1913	rVV3	2409895	2757200	5.77%	0.289%
58	14.069	1934	1937	1942	rVB	2452742	3542093	7.41%	0.371%
59	14.175	1951	1955	1962	rVB6	2694059	5994865	12.55%	0.628%
60	14.263	1962	1970	1973	rBV	24294122	37827963	79.19%	3.961%
61	14.322	1973	1980	1988	rBV6	6042899	14290904	29.92%	1.496%
62	14.557	2014	2020	2028	rVB2	6043458	15630228	32.72%	1.637%
63	14.751	2049	2053	2058	rVB2	10485714	14955784	31.31%	1.566%
64	14.827	2059	2066	2069	rVV2	7045225	12021532	25.16%	1.259%
65	14.868	2069	2073	2081	rVB4	6567326	11473316	24.02%	1.201%
66	14.968	2086	2090	2094	rVV	5106094	7829006	16.39%	0.820%
67	15.021	2095	2099	2102	rVB	4904640	6768128	14.17%	0.709%
68	15.139	2112	2119	2122	rBV3	3575692	7241652	15.16%	0.758%
69	15.174	2122	2125	2127	rVV3	2858185	4024721	8.42%	0.421%
70	15.215	2127	2132	2136	rVB	23208273	31469666	65.88%	3.295%
71	15.303	2144	2147	2155	rVB5	3242738	6787661	14.21%	0.711%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

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-BG012015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.391	2157	2162	2166	rBV3	4245910	6624734	13.87%	0.694%
73	15.438	2166	2170	2175	rBV4	3782014	6809476	14.25%	0.713%
74	15.562	2187	2191	2194	rBV4	2813158	4874577	10.20%	0.510%
75	15.609	2195	2199	2204	rVB	13116965	19368971	40.55%	2.028%
76	15.761	2221	2225	2229	rBV5	3737428	6816970	14.27%	0.714%
77	15.820	2230	2235	2238	rBV4	4926082	9041235	18.93%	0.947%
78	15.908	2246	2250	2254	rBV3	2474363	4524946	9.47%	0.474%
79	16.079	2272	2279	2281	rVV	27224786	47771401	100.00%	5.002%
80	16.102	2281	2283	2292	rVB	19998371	21020982	44.00%	2.201%
81	16.402	2328	2334	2338	rBV5	3840493	6406306	13.41%	0.671%
82	16.461	2340	2344	2349	rVB3	5643510	8576223	17.95%	0.898%
83	16.866	2407	2413	2416	rVV	20051847	27235432	57.01%	2.852%
84	16.913	2416	2421	2430	rVB	13013626	22988419	48.12%	2.407%
85	17.095	2448	2452	2455	rBV	2726139	3713074	7.77%	0.389%
86	17.136	2455	2459	2462	rBV	4022543	5831714	12.21%	0.611%
87	17.283	2480	2484	2489	rBV4	2287083	5147499	10.78%	0.539%
88	17.506	2517	2522	2532	rBV5	4252646	9990102	20.91%	1.046%
89	17.600	2532	2538	2542	rVB	17562154	25089288	52.52%	2.627%
90	17.971	2597	2601	2605	rBV	3993483	6670975	13.96%	0.699%
91	18.018	2605	2609	2615	rVB	6331411	10618499	22.23%	1.112%
92	18.153	2629	2632	2636	rVB2	2220758	2687155	5.63%	0.281%
93	18.288	2650	2655	2664	rBV	14418770	19190792	40.17%	2.009%
94	18.893	2754	2758	2759	rBV	4277250	5090244	10.66%	0.533%
95	18.922	2759	2763	2770	rVB	11366257	16497654	34.53%	1.727%
96	19.498	2856	2861	2864	rBV	7677989	8917835	18.67%	0.934%
97	19.592	2873	2877	2883	rVB	2226481	3195017	6.69%	0.335%
98	19.716	2894	2898	2903	rVB	7566165	9248861	19.36%	0.968%
99	20.027	2947	2951	2956	rVB	4742948	5346290	11.19%	0.560%
100	20.520	3031	3035	3045	rVB	2515932	3113774	6.52%	0.326%

Sum of corrected areas: 955018852

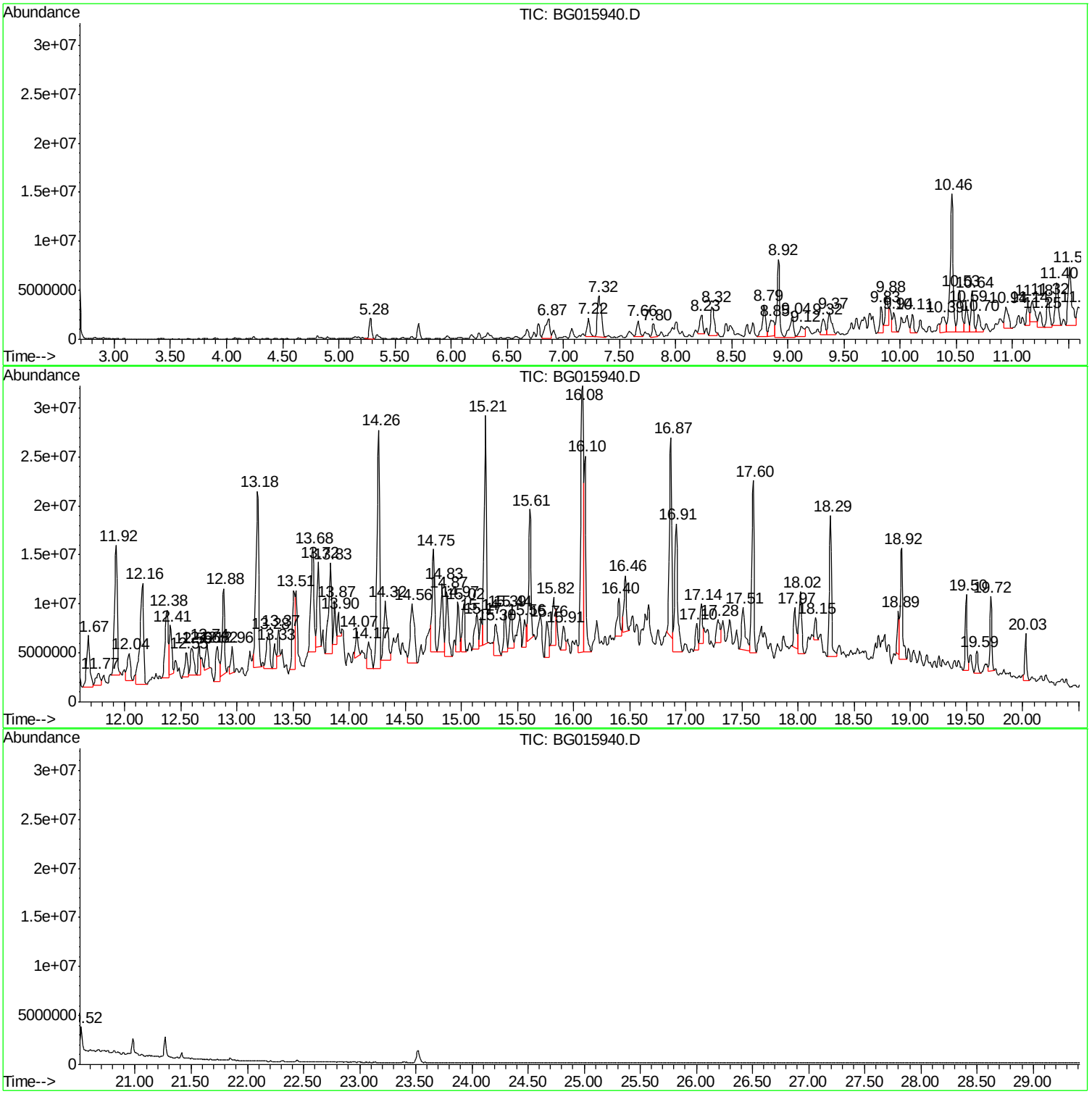
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

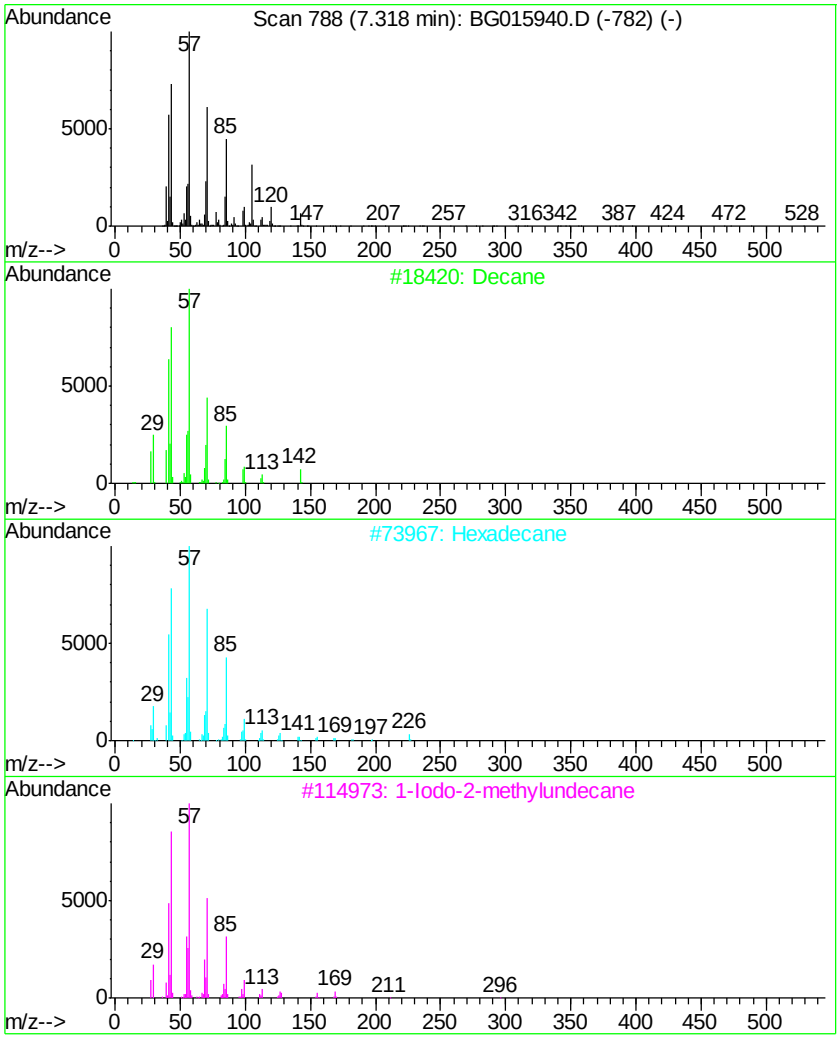
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

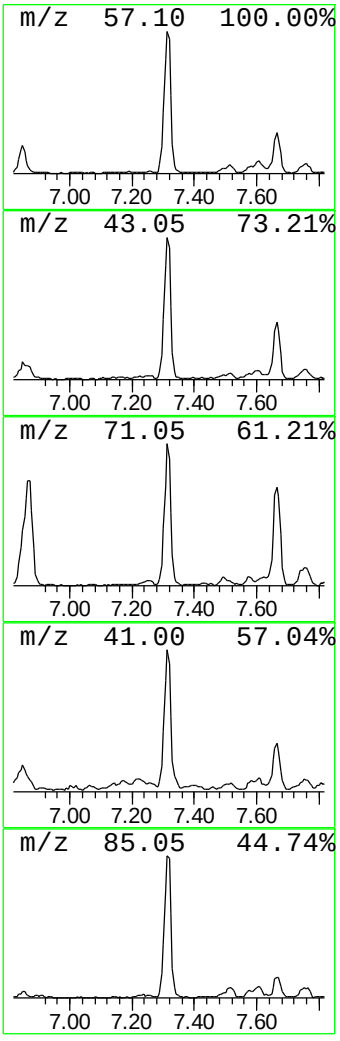
****

Peak Number 1 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	74.80 ng	10318200	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	68
2	Hexadecane	226	C16H34	000544-76-3	59
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	59
4	Nonadecane	268	C19H40	000629-92-5	59
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

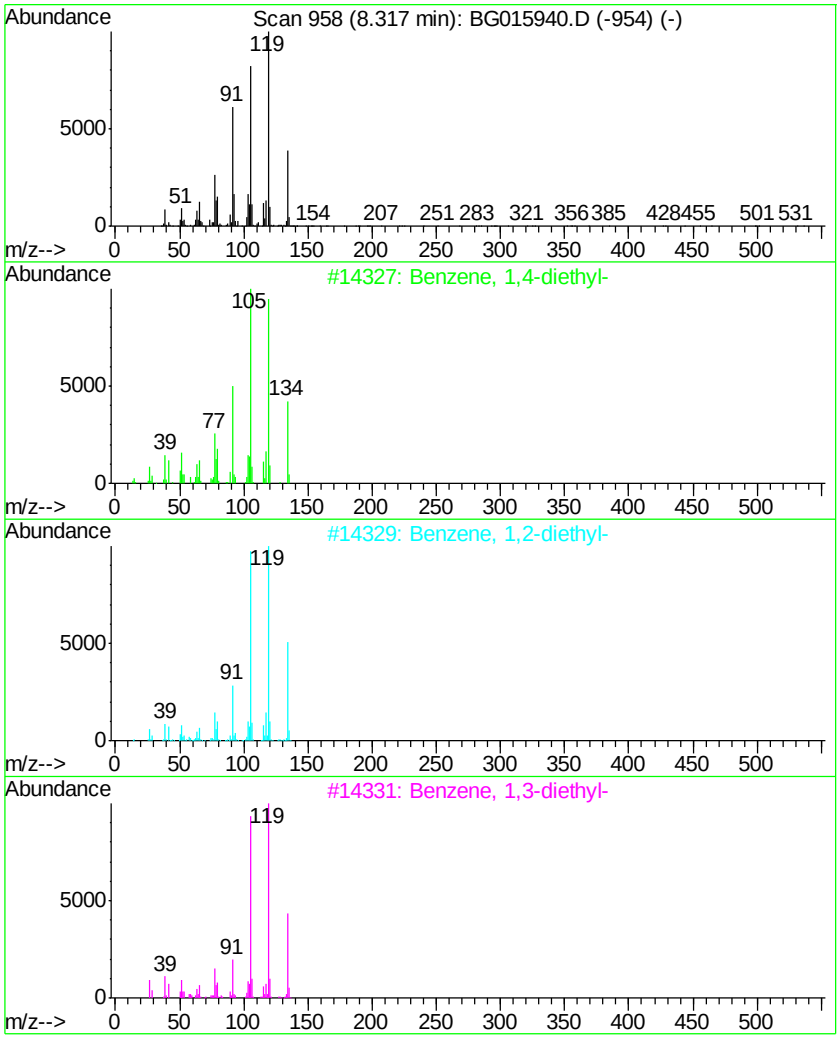
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

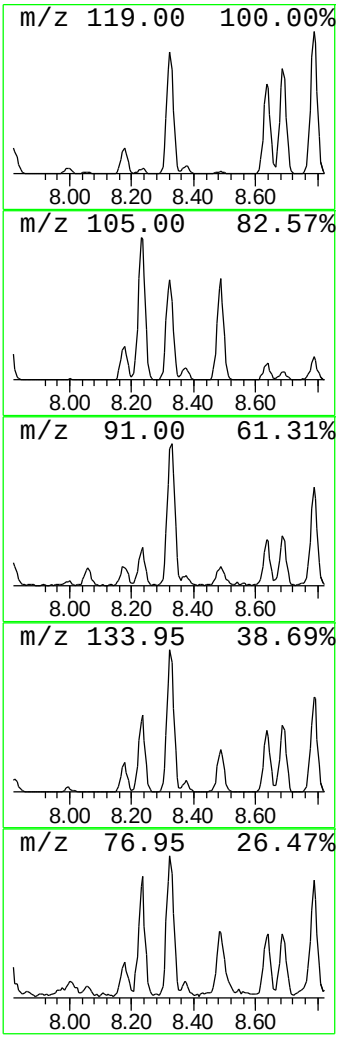
****

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	45.56 ng	6284830	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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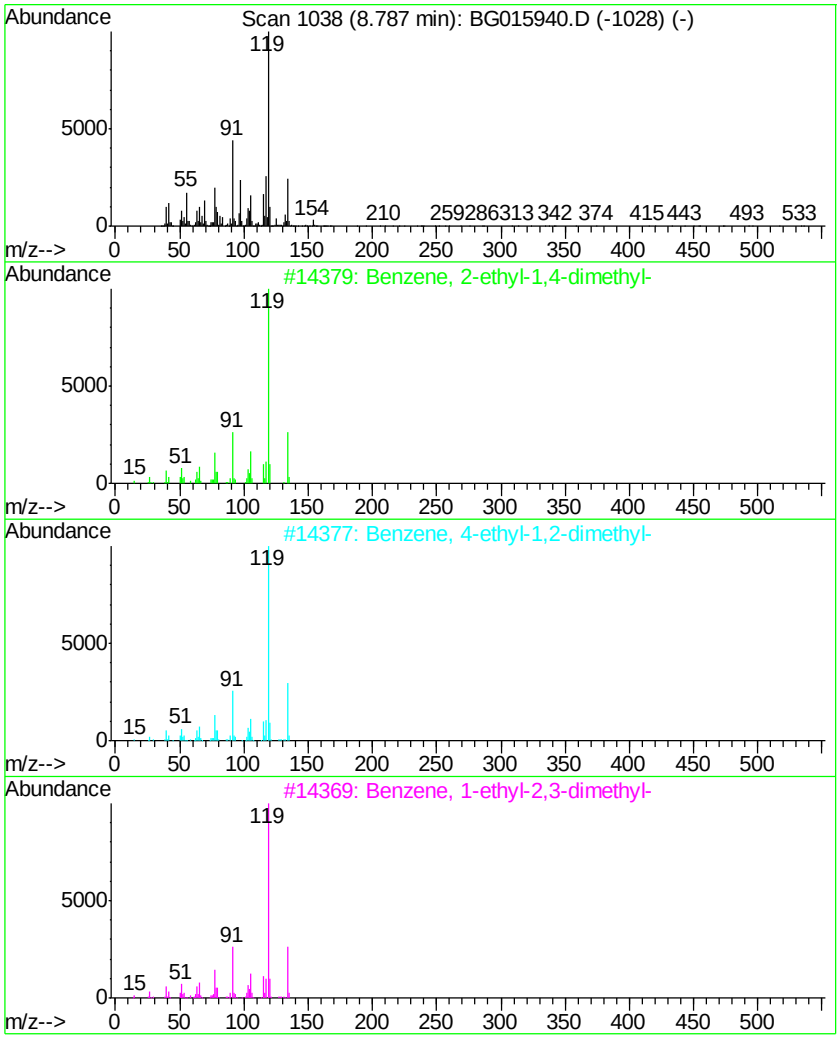
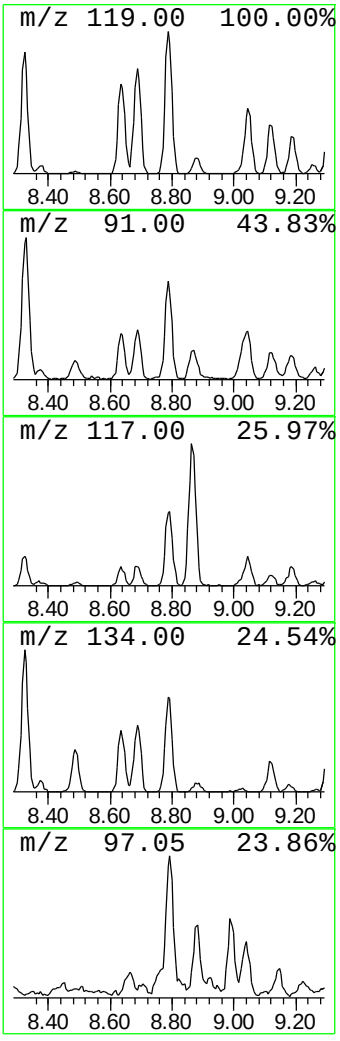
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	46.34 ng	6392810	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

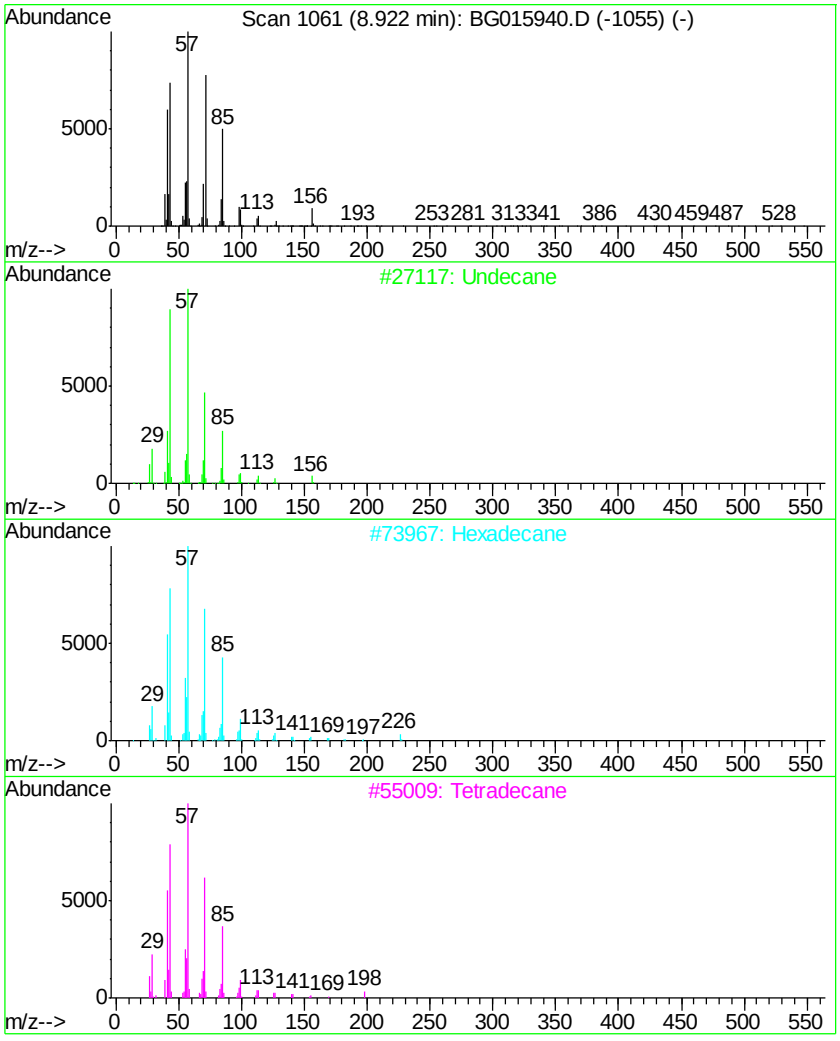
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

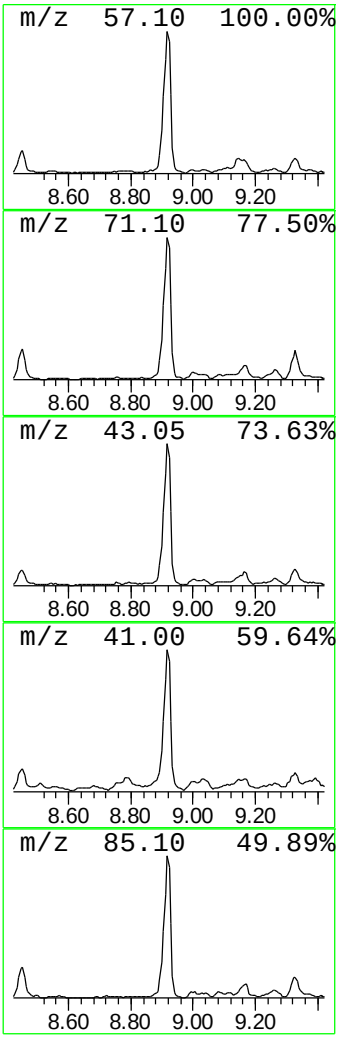
****

Peak Number 4 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	92.34 ng	12738200	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tridecane	184	C13H28	000629-50-5	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

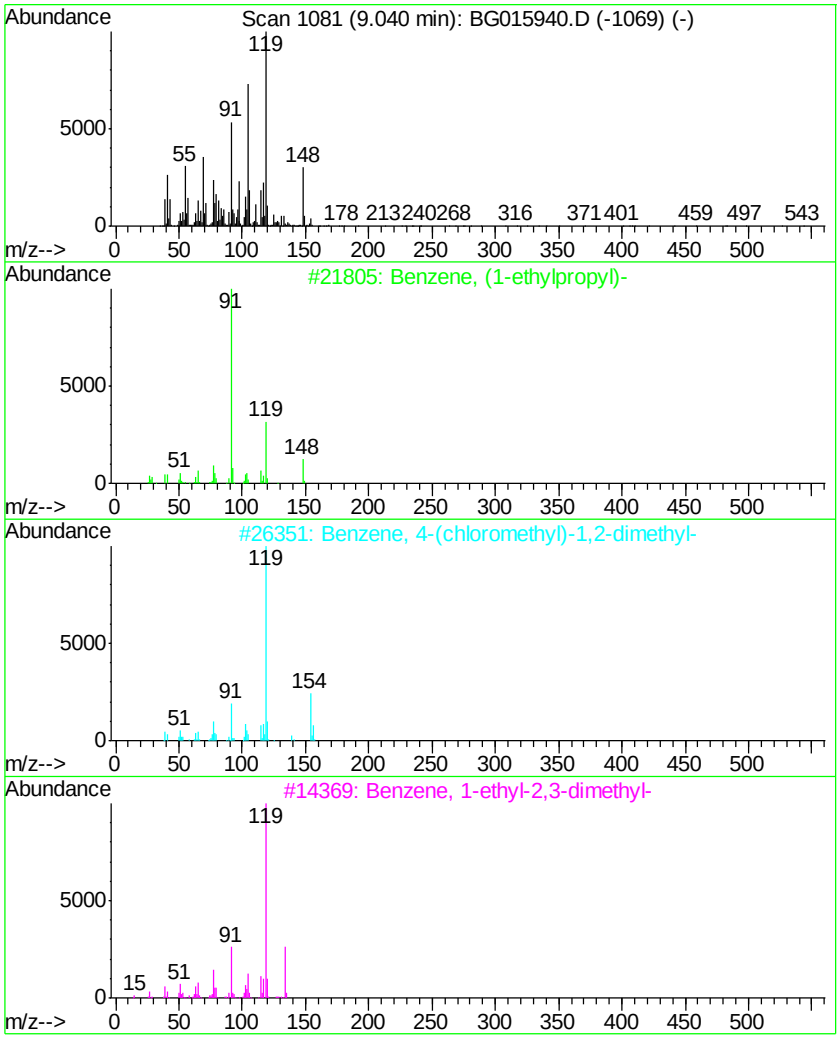
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

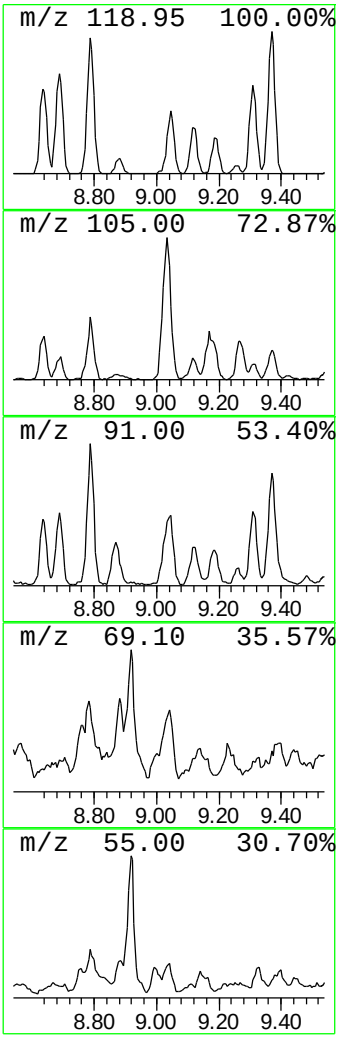
****

Peak Number 5 Benzene, (1-ethylpropyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	40.18 ng	5542270	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	58
2	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	53
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	52
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	49





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Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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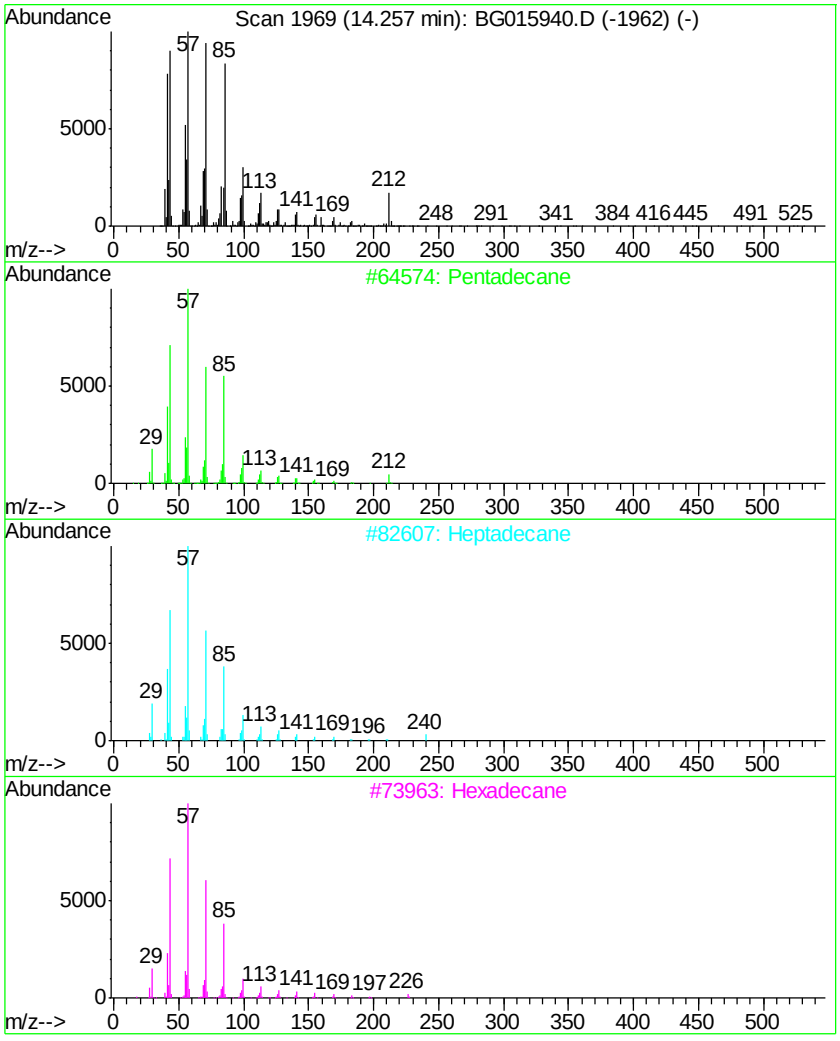
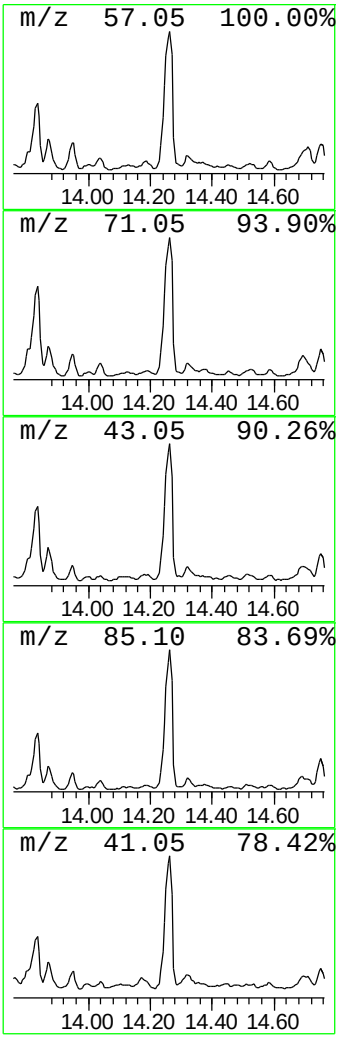
Peak Number 6 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	52.94 ng	37828000	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	70





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Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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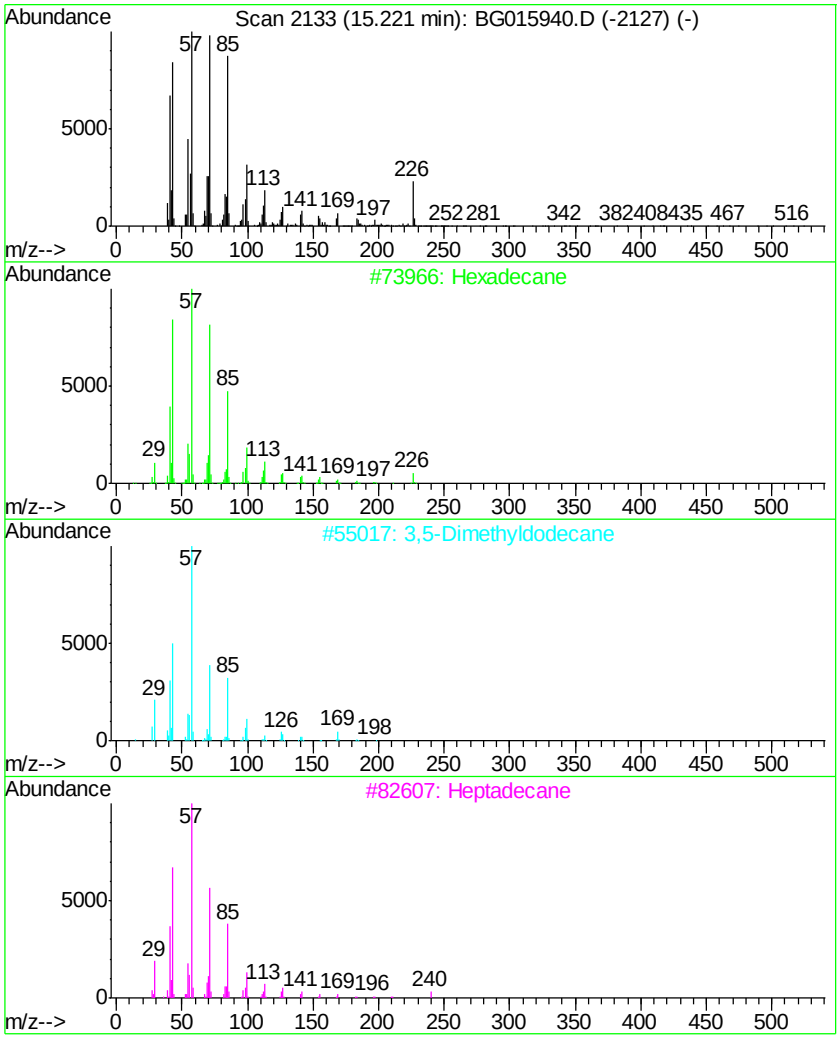
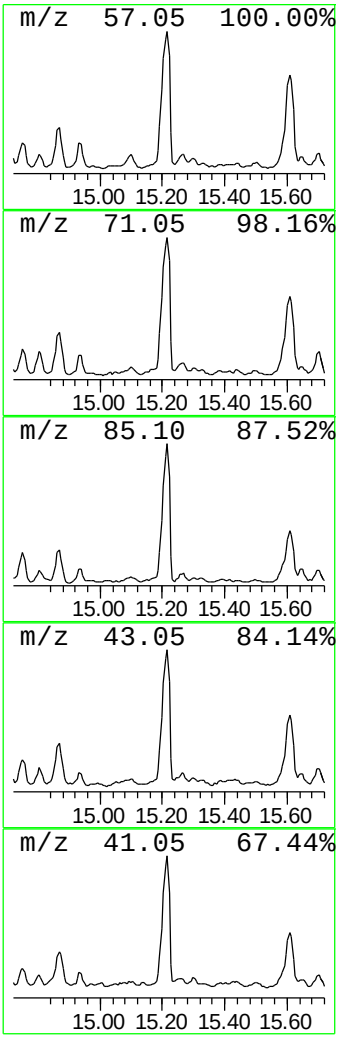
Peak Number 7 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	44.04 ng	31469700	Acenaphthene-d10	14.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	62
3	Heptadecane	240	C17H36	000629-78-7	52
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	52
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	47





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Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
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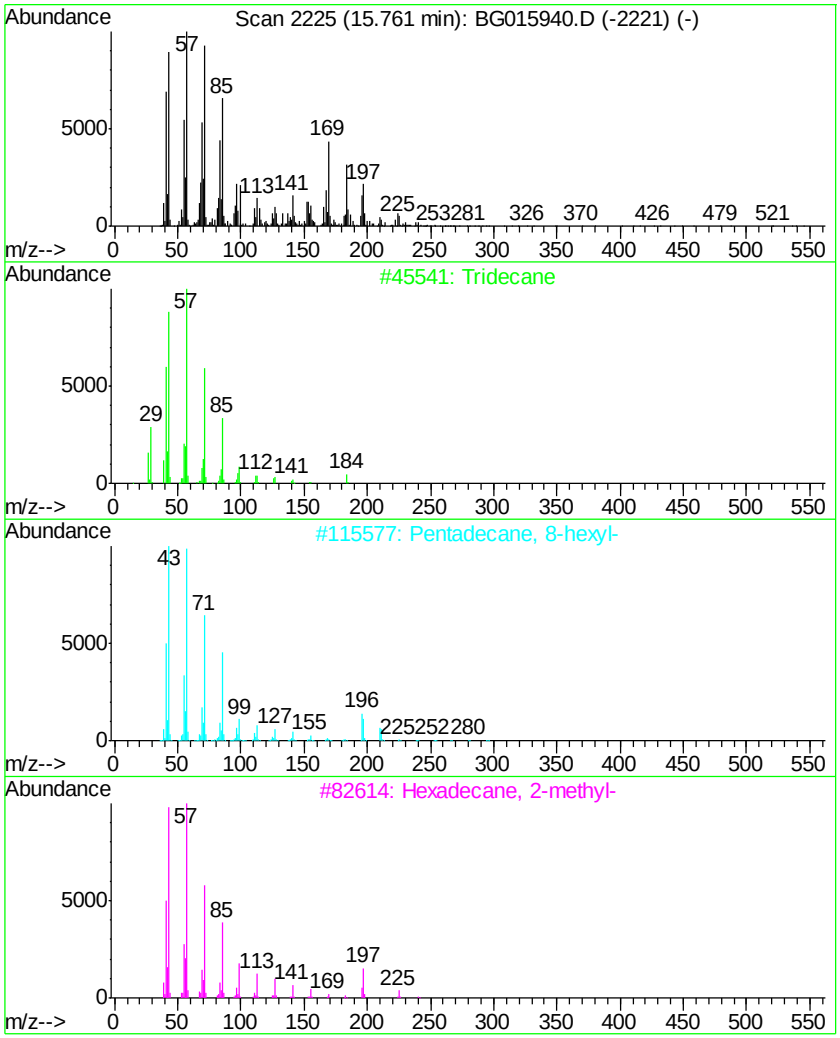
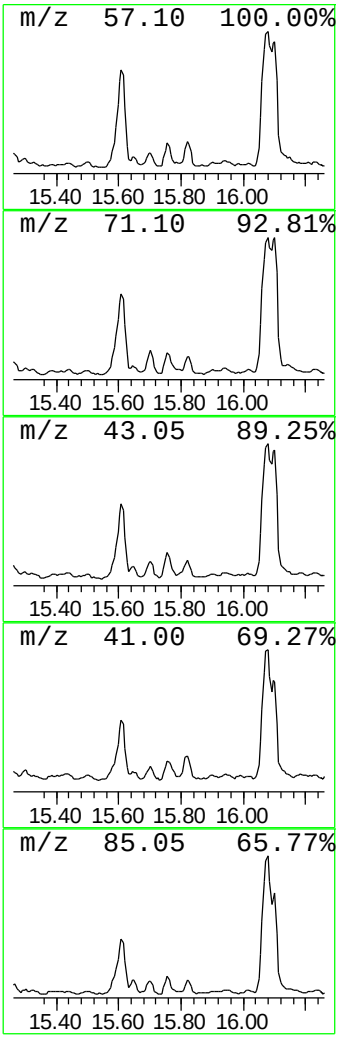
Peak Number 8 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	36.72 ng	6816970	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	53
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	49
4	10-Methylnonadecane	282	C20H42	056862-62-5	49
5	Tetradecane	198	C14H30	000629-59-4	46





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Acq On : 27 Jan 2015 10:18
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Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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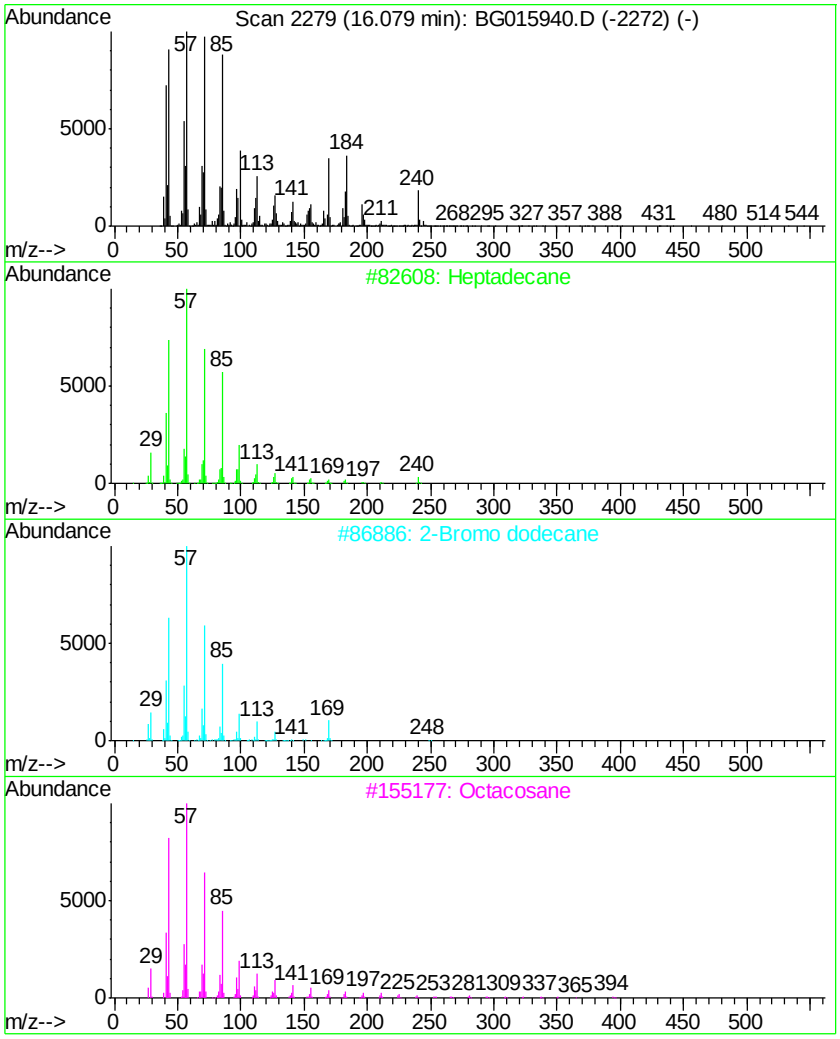
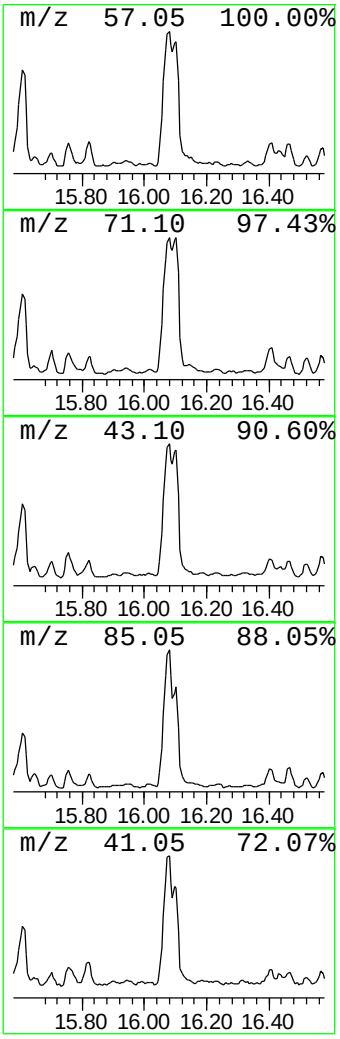
Peak Number 9 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	257.32 ng	47771400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Octacosane	394	C28H58	000630-02-4	72
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	68
5	Tridecane	184	C13H28	000629-50-5	64





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Acq On : 27 Jan 2015 10:18
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Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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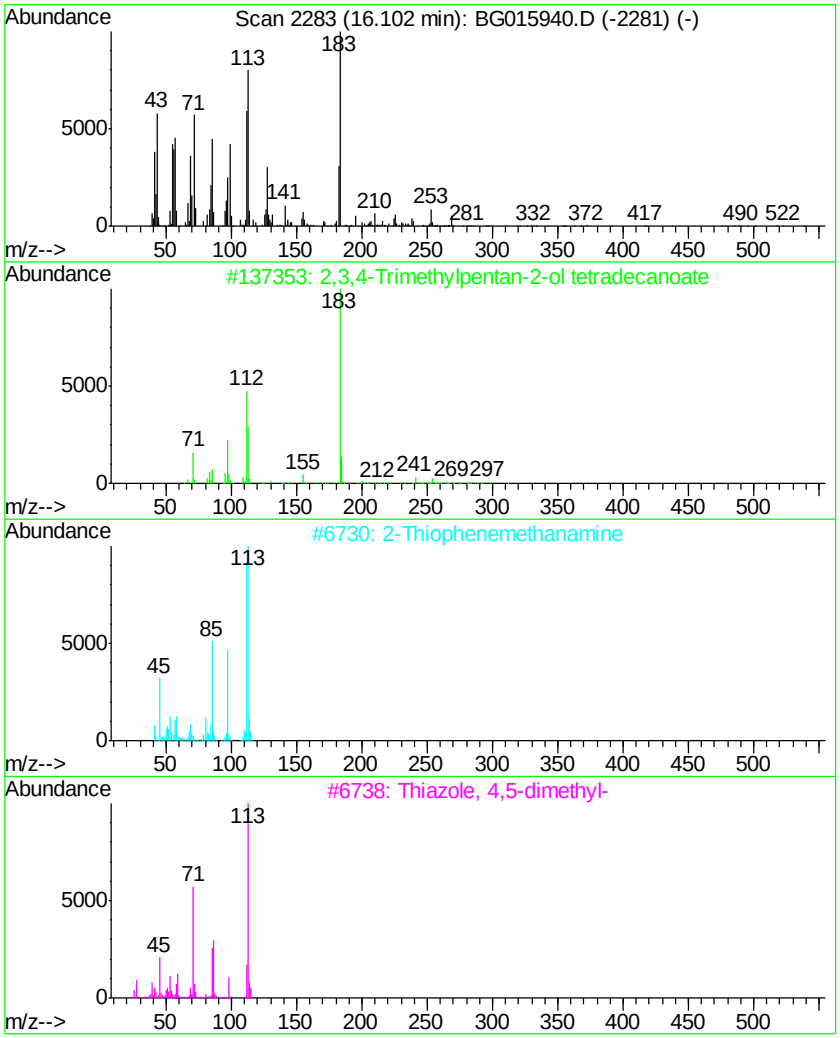
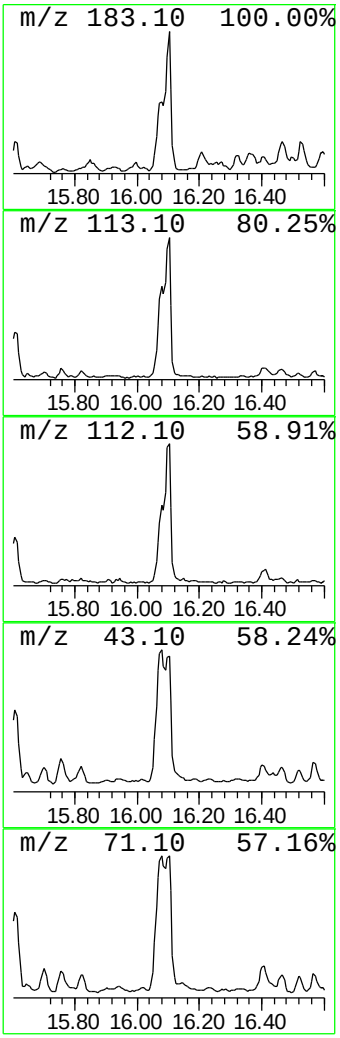
Peak Number 10 unknown16.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	113.23 ng	21021000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trimethylpentan-2-ol tetra...	340	C22H44O2	1000130-74-1	35
2	2-Thiophenemethanamine	113	C5H7NS	027757-85-3	30
3	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	25
4	2-Furancarboxylic acid, octyl ester	224	C13H20O3	039251-88-2	18
5	Pyrrolidine, 1-(1-oxopentyl)-	155	C9H17NO	004419-57-2	14





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Misc : S
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Instrument : BNA_G
ClientSampleId : 121B2C

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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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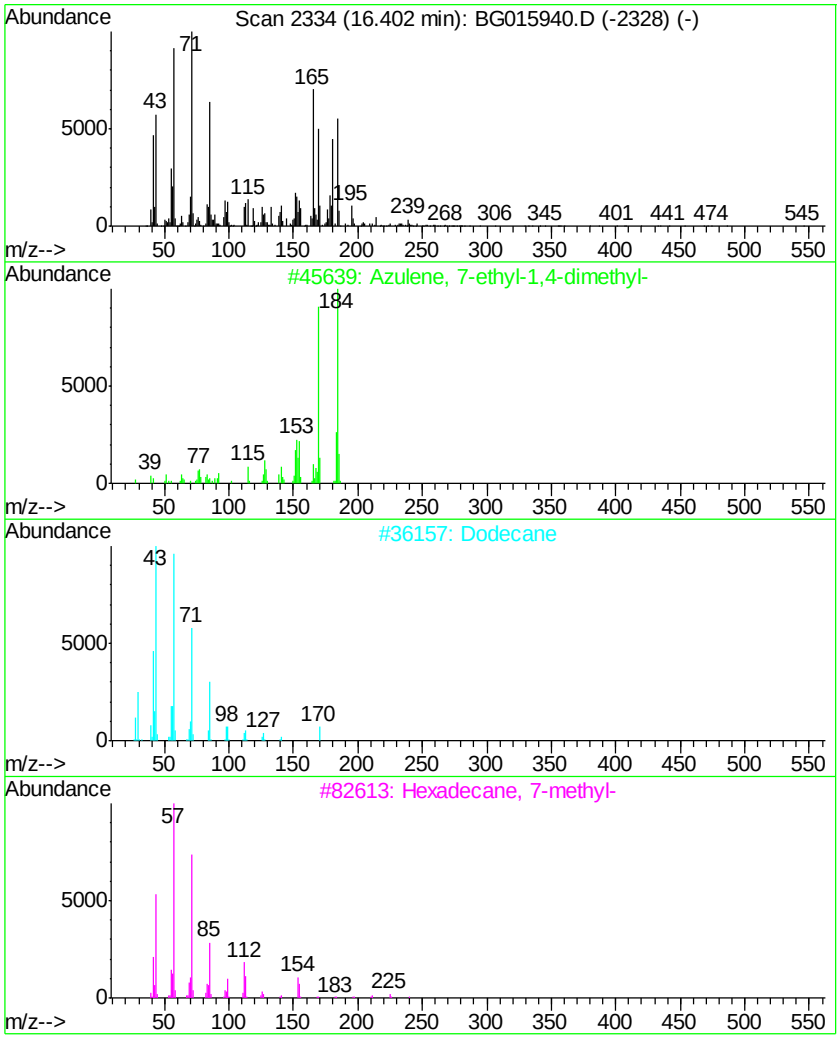
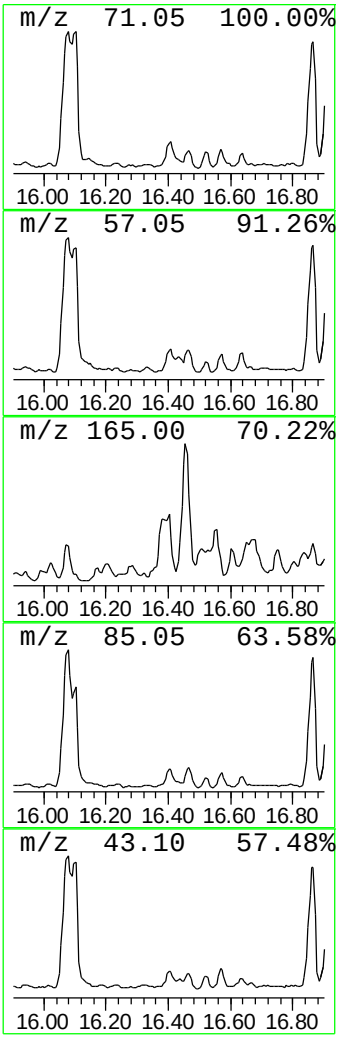
Peak Number 11 Azulene, 7-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	34.51 ng	6406310	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	64
2	Dodecane	170	C12H26	000112-40-3	42
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	35
4	Hexadecane	226	C16H34	000544-76-3	30
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30





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Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

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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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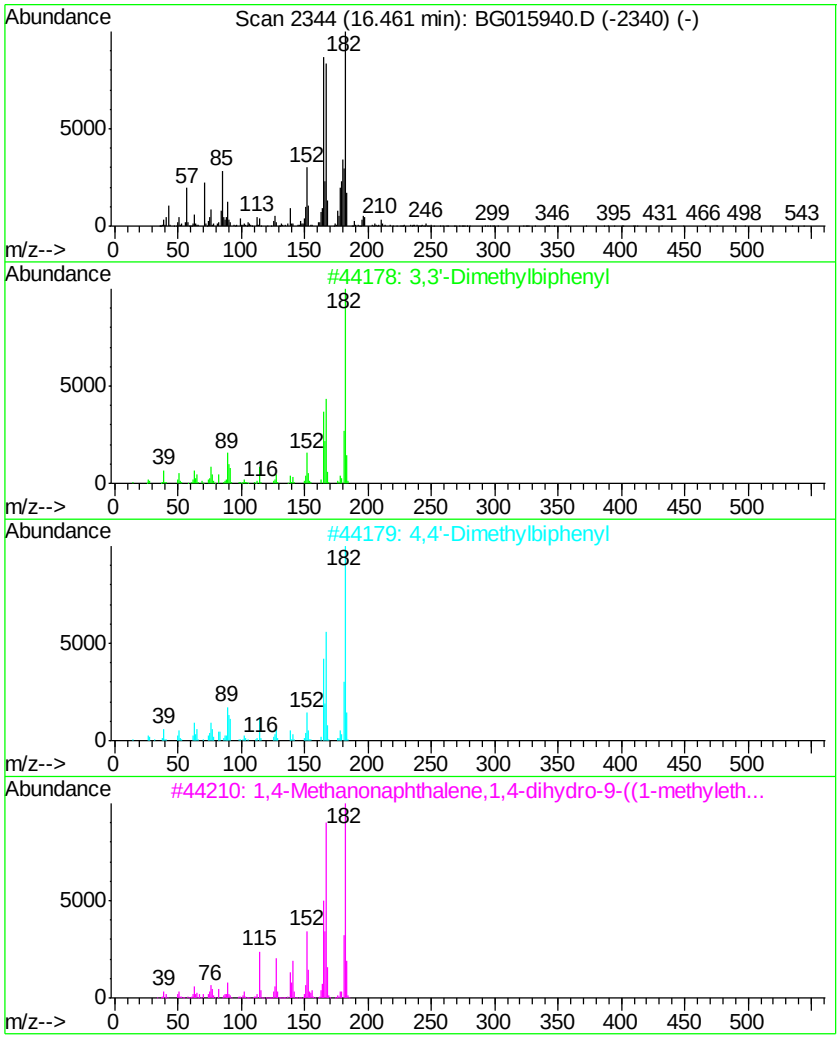
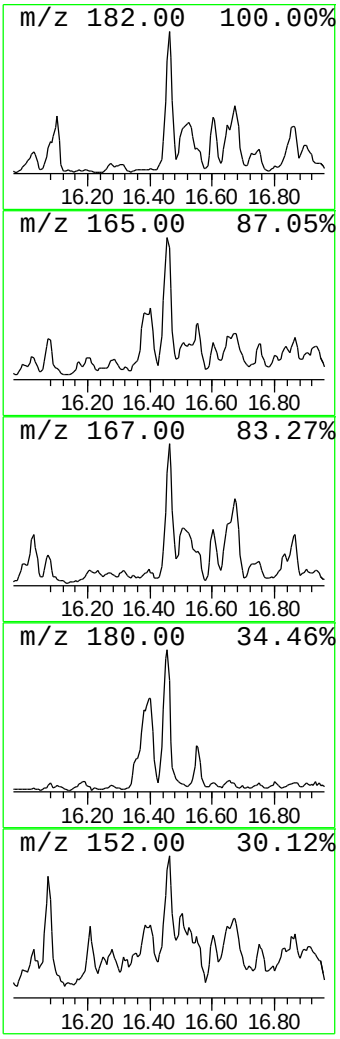
Peak Number 12 3,3'-Dimethylbiphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	46.19 ng	8576220	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	89
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	89
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	78
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	70
5	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	60





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

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

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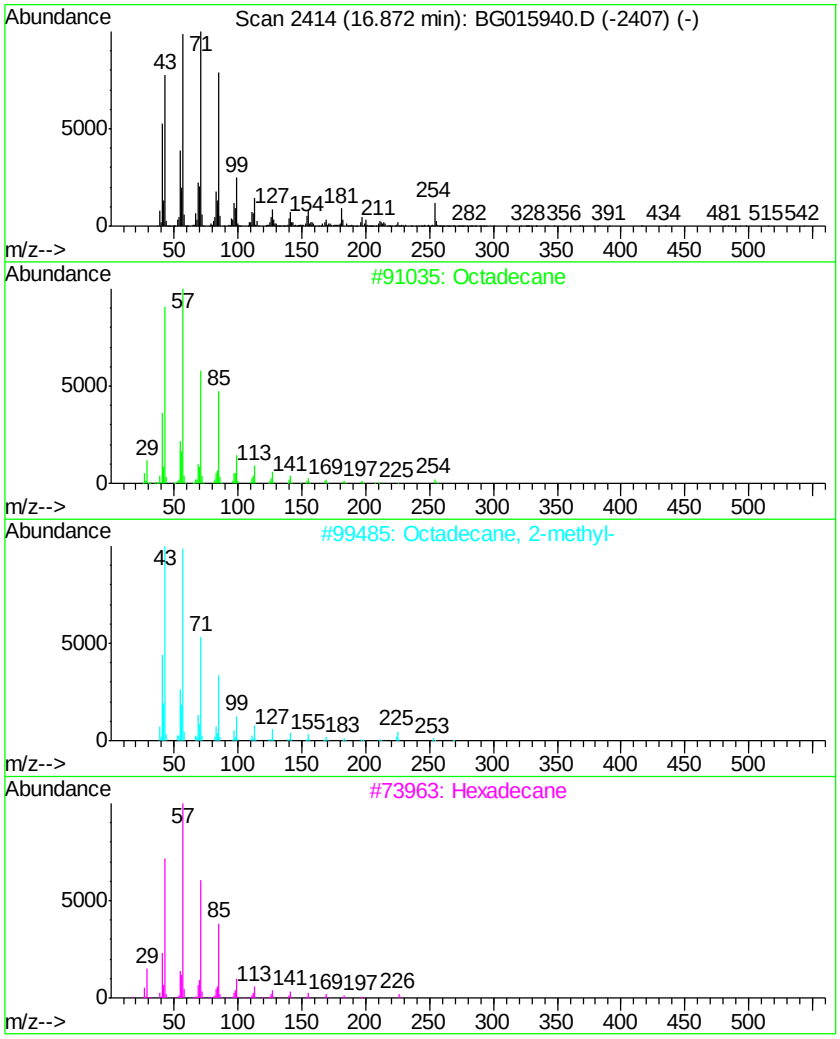
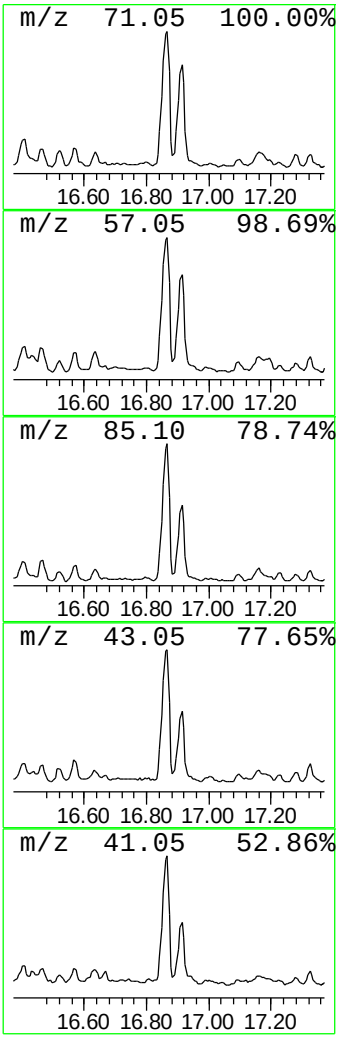
Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	146.70 ng	27235400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Pentacosane	352	C25H52	000629-99-2	86





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : 121B2C

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TIC Integration Parameters: LSCINT.P

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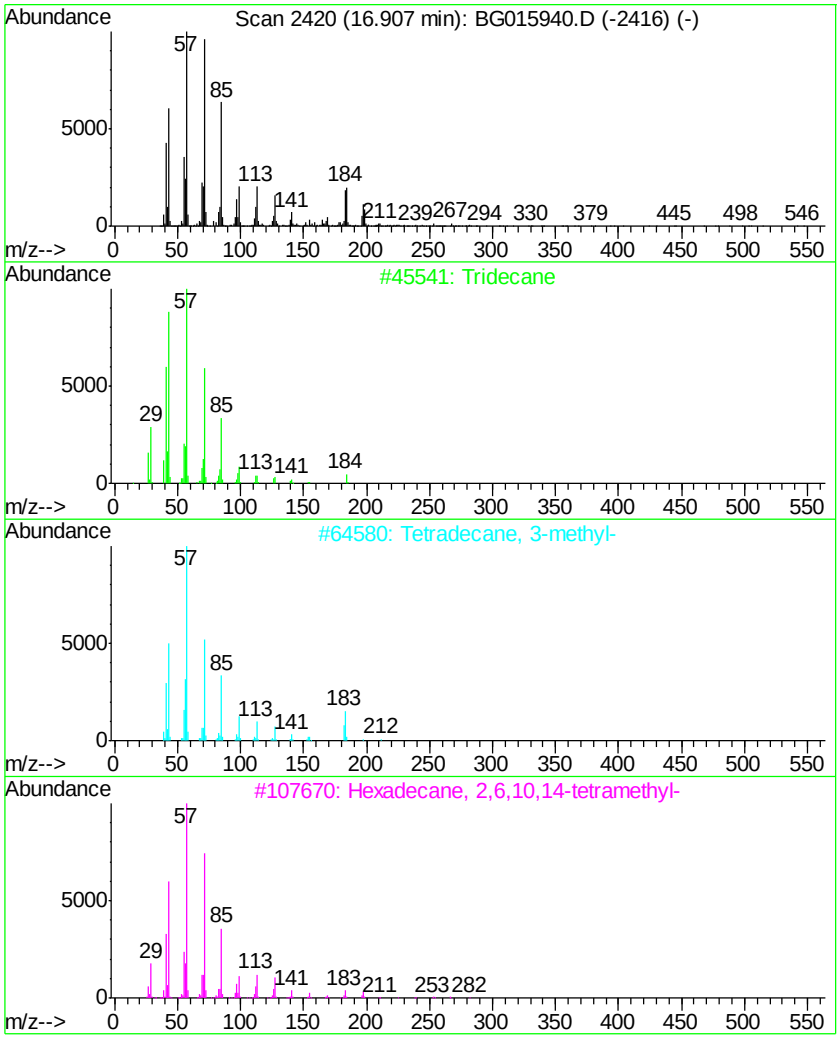
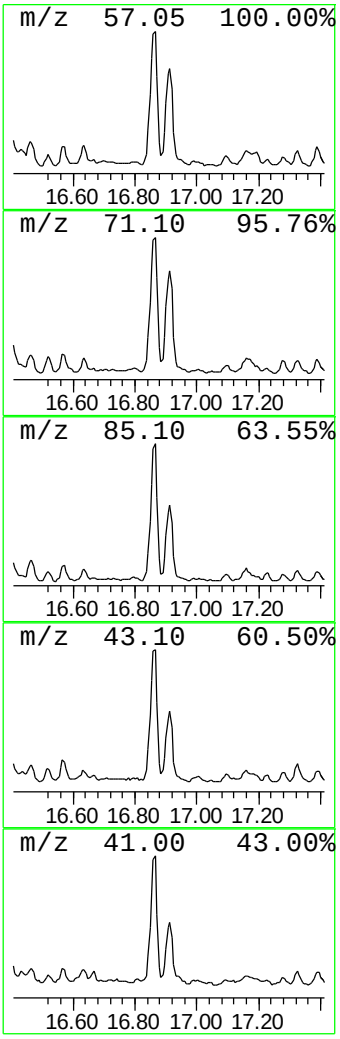
Peak Number 14 Tetradecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	123.82 ng	22988400	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Eicosane	282	C20H42	000112-95-8	62
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	60





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : 121B2C

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TIC Integration Parameters: LSCINT.P

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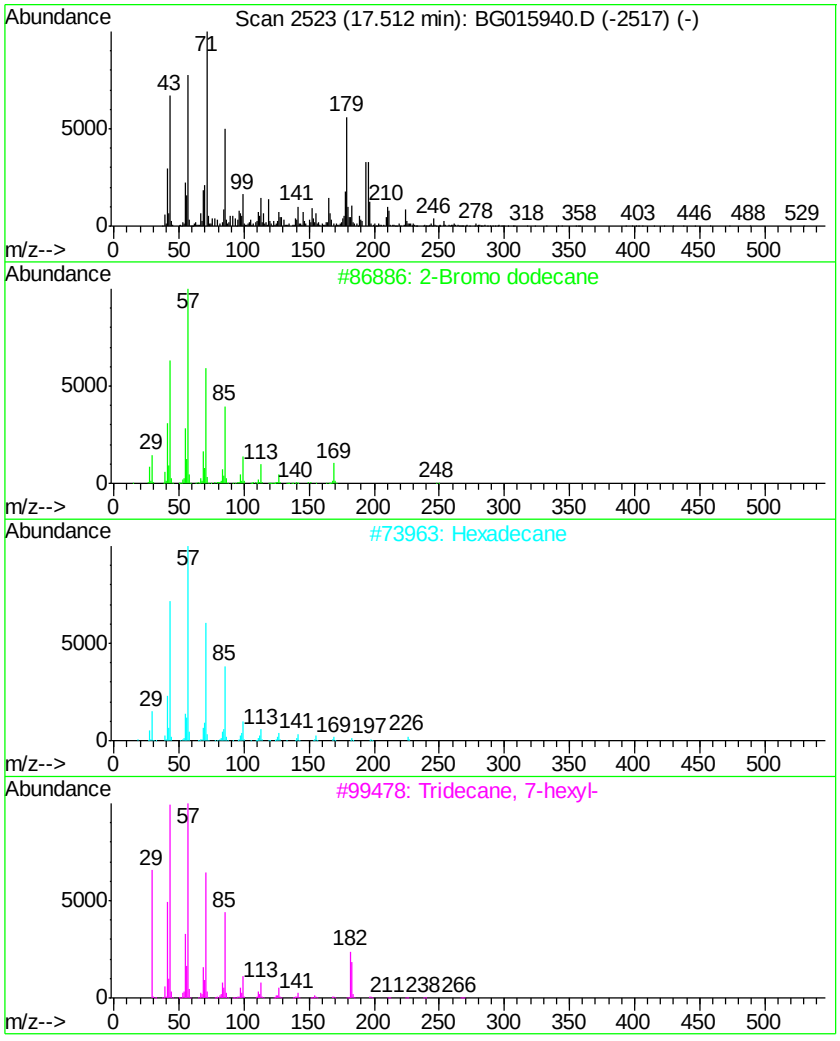
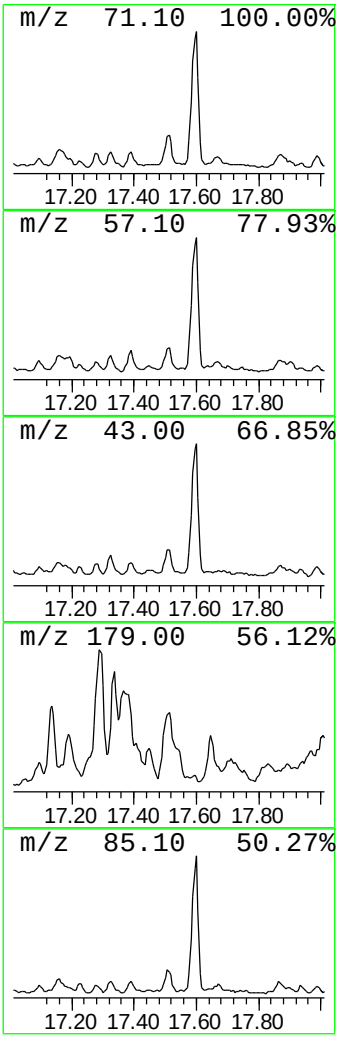
Peak Number 15 2-Bromo dodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.51	53.81 ng	9990100	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	56
2	Hexadecane	226	C16H34	000544-76-3	47
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	42
4	Pentadecane	212	C15H32	000629-62-9	42
5	Heneicosane	296	C21H44	000629-94-7	38





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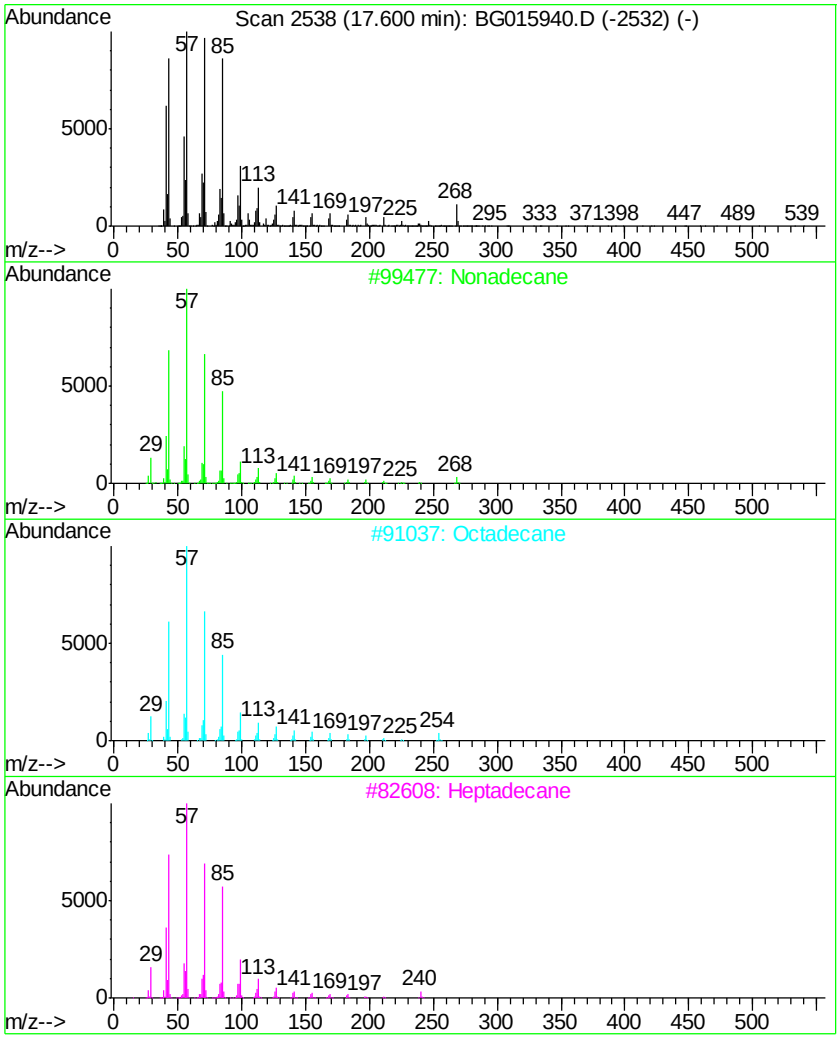
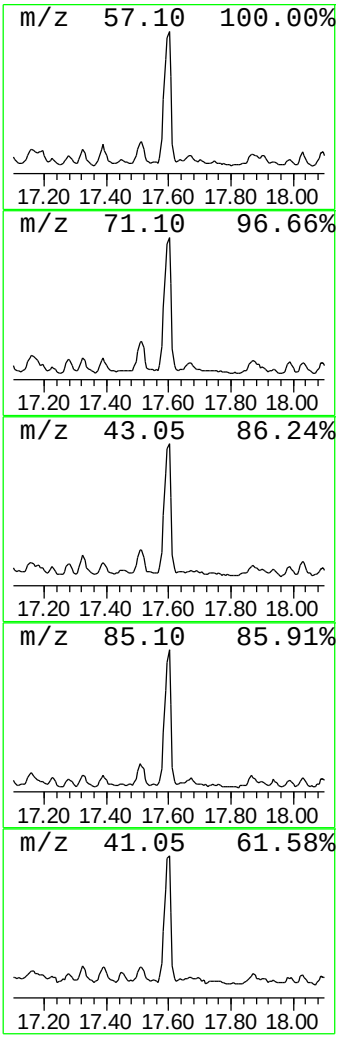
Peak Number 16 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	135.14 ng	25089300	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Octadecane	254	C18H38	000593-45-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	10-Methylnonadecane	282	C20H42	056862-62-5	83





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId : 121B2C

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

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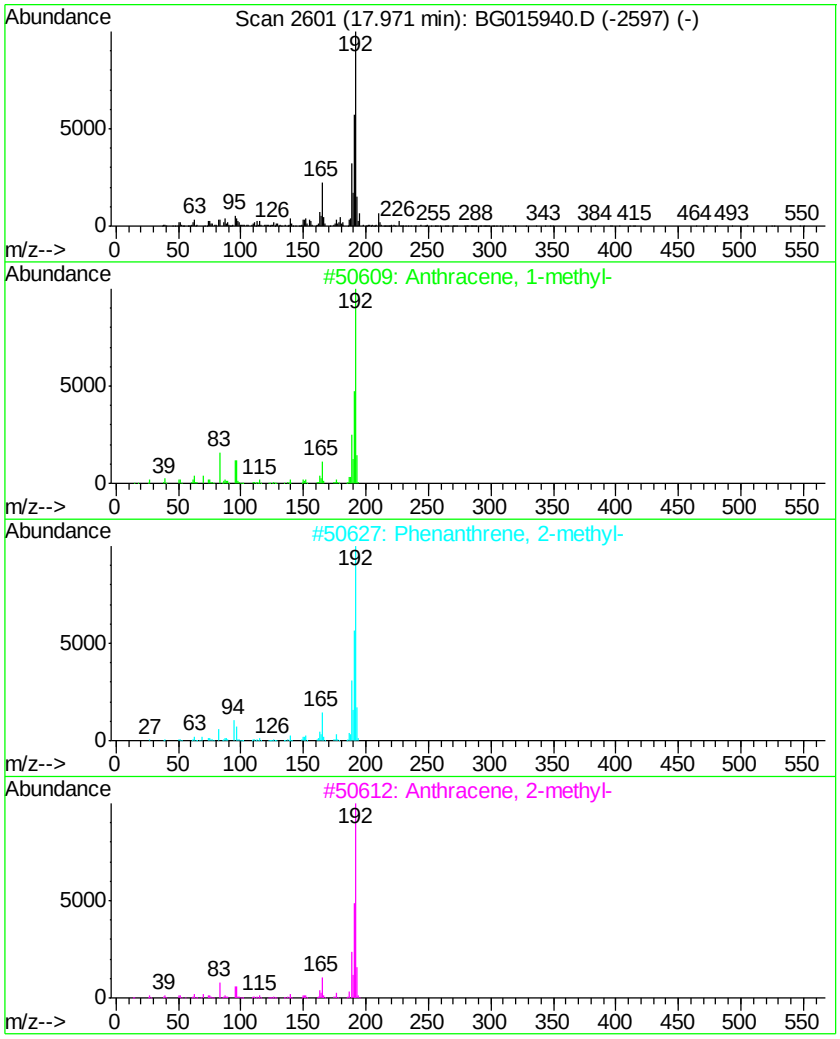
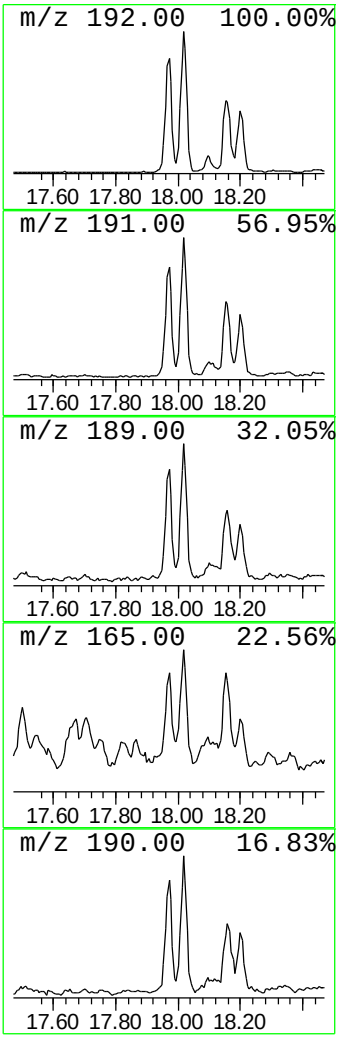
Peak Number 17 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	35.93 ng	6670980	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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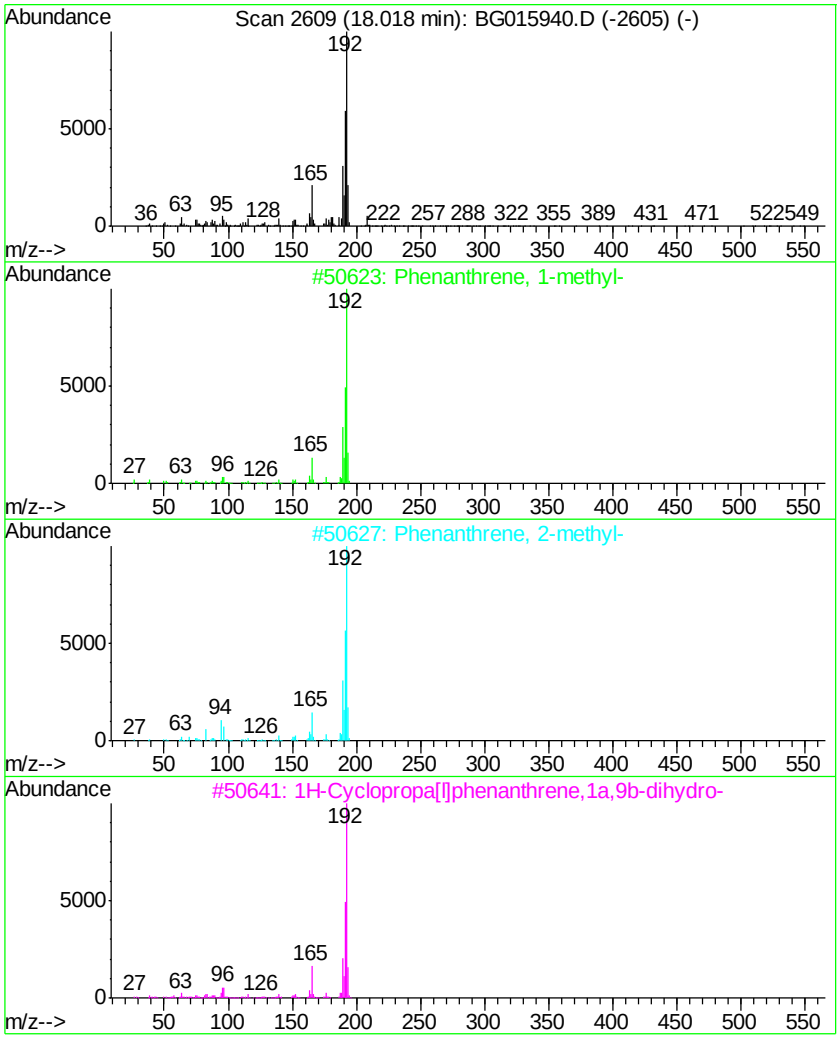
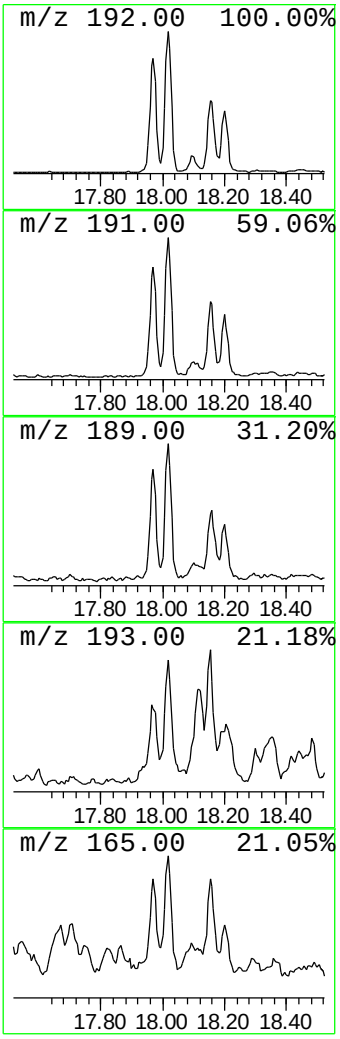
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	57.20 ng	10618500	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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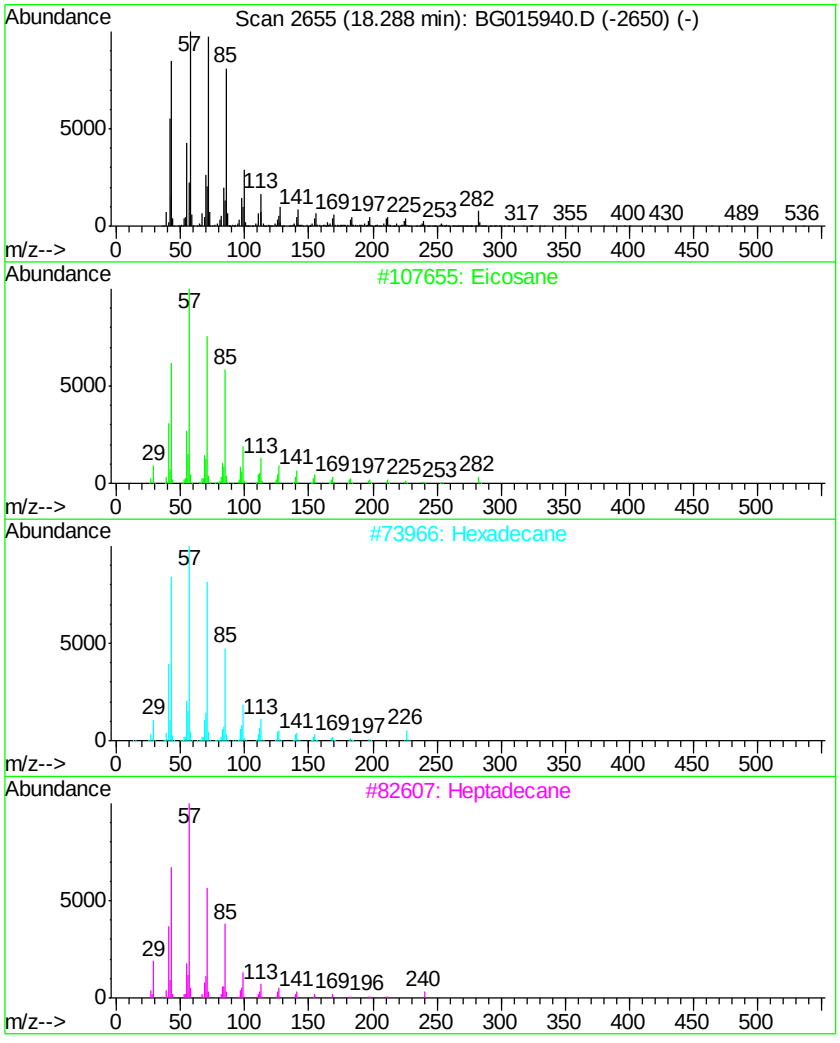
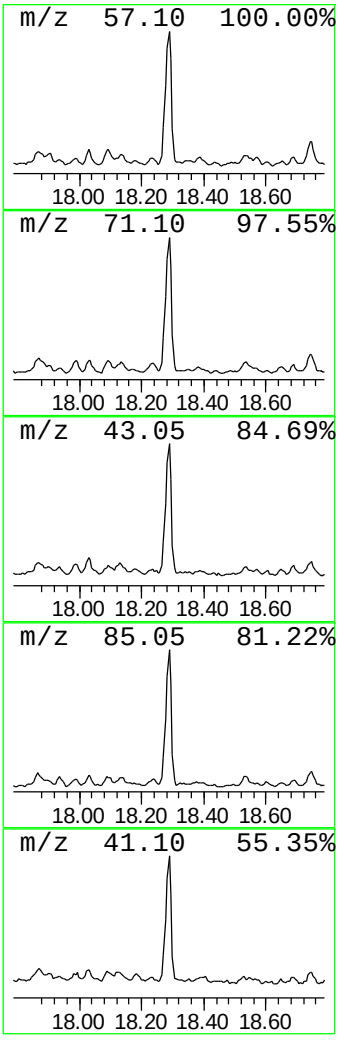
Peak Number 19 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	103.37 ng	19190800	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octadecane	254	C18H38	000593-45-3	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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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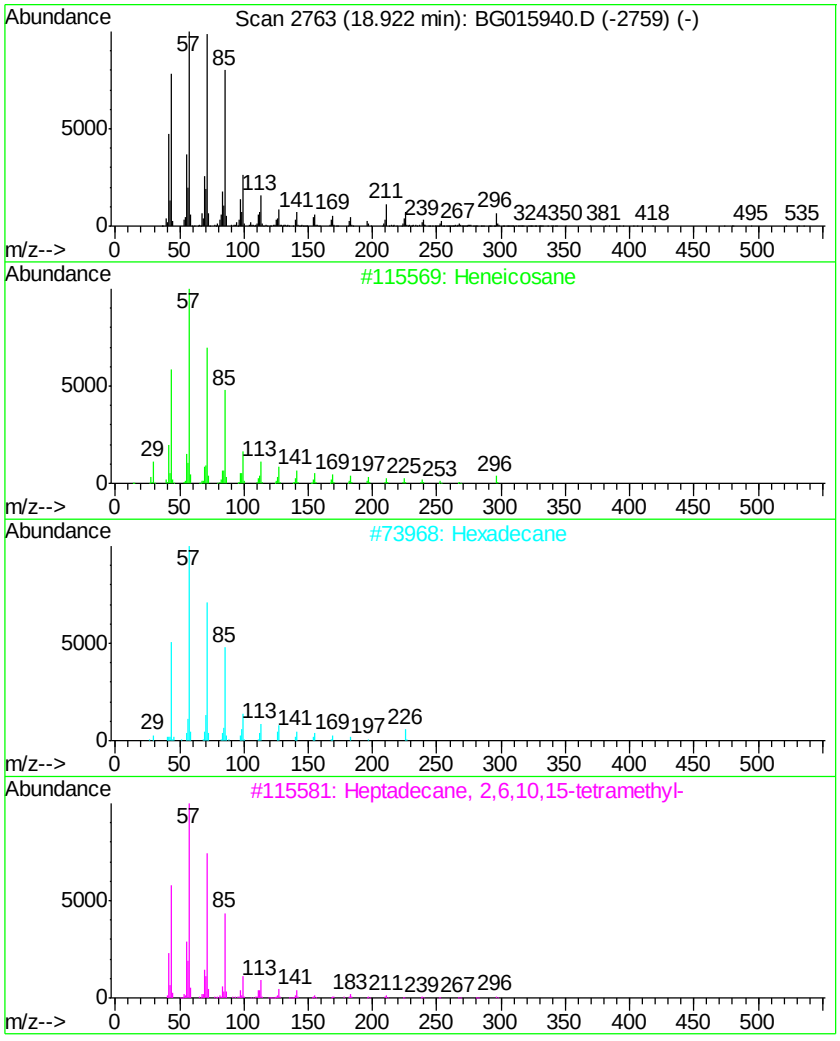
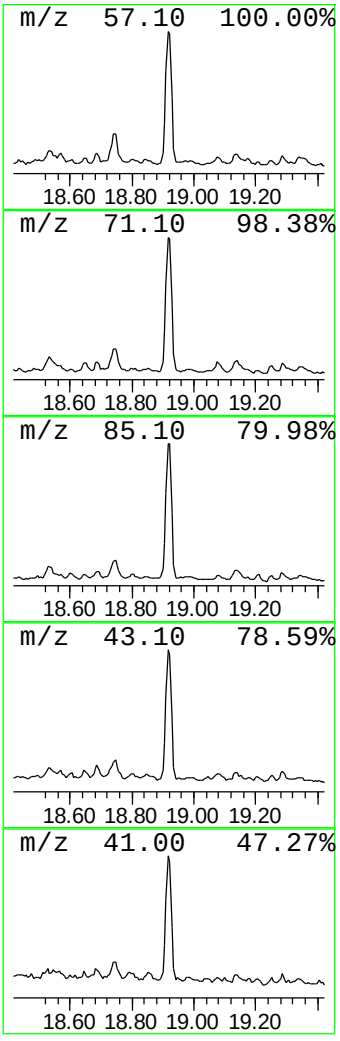
Peak Number 20 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	88.86 ng	16497700	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012615\
Data File : BG015940.D
Acq On : 27 Jan 2015 10:18
Operator : TP/IZ
Sample : G1139-04
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121B2C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012015.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
Decane	7.32	74.8	ng	10318200	1	7.69	2759010	20.0
Benzene, 1,4-diet...	8.32	45.6	ng	6284830	1	7.69	2759010	20.0
Benzene, 2-ethyl-...	8.79	46.3	ng	6392810	1	7.69	2759010	20.0
Undecane	8.92	92.3	ng	12738200	1	7.69	2759010	20.0
Benzene, (1-ethyl...	9.04	40.2	ng	5542270	1	7.69	2759010	20.0
Pentadecane	14.26	52.9	ng	37828000	3	14.34	14290900	20.0
Hexadecane	15.22	44.0	ng	31469700	3	14.34	14290900	20.0
Tridecane	15.76	36.7	ng	6816970	4	17.10	3713070	20.0
Heptadecane	16.08	257.3	ng	47771400	4	17.10	3713070	20.0
unknown16.10	16.10	113.2	ng	21021000	4	17.10	3713070	20.0
Azulene, 7-ethyl-...	16.40	34.5	ng	6406310	4	17.10	3713070	20.0
3,3'-Dimethylbiph...	16.46	46.2	ng	8576220	4	17.10	3713070	20.0
Octadecane	16.87	146.7	ng	27235400	4	17.10	3713070	20.0
Tetradecane, 3-me...	16.91	123.8	ng	22988400	4	17.10	3713070	20.0
2-Bromo dodecane	17.51	53.8	ng	9990100	4	17.10	3713070	20.0
Nonadecane	17.60	135.1	ng	25089300	4	17.10	3713070	20.0
Anthracene, 1-met...	17.97	35.9	ng	6670980	4	17.10	3713070	20.0
Phenanthrene, 1-m...	18.02	57.2	ng	10618500	4	17.10	3713070	20.0
Eicosane	18.29	103.4	ng	19190800	4	17.10	3713070	20.0
Heneicosane	18.92	88.9	ng	16497700	4	17.10	3713070	20.0