LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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-BG011218.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	3.390	12	17	28	rBV2	39704	91442	3.05%	0.225%
2	4.477	196	202	208	rBV2	39123	76135	2.54%	0.188%
3	4.647	222	231	243	rVB2	29575	71372	2.38%	0.176%
4	5.664	396	404	410	rBV3	33406	63871	2.13%	0.157%
5	6.169	482	490	501	rVB	583206	1018389	34.00%	2.510%
6	6.915	610	617	627	rBV5	27720	83870	2.80%	0.207%
7	7.309	678	684	692	rVB7	34895	79289	2.65%	0.195%
8	7.667	740	745	751	rVV2	98301	166541	5.56%	0.410%
9	7.849	769	776	787	rBV	592600	1150523	38.41%	2.836%
10	8.255	838	845	860	rVB	593116	1141692	38.11%	2.814%
11	8.696	914	920	923	rVV2	59076	96812	3.23%	0.239%
12	8.743	923	928	934	rVB	136334	226232	7.55%	0.558%
13	9.077	979	985	992	rVB	453648	817765	27.30%	2.016%
14	9.242	1007	1013	1019	rBV4	70707	165288	5.52%	0.407%
15	9.318	1022	1026	1033	rVB4	52936	99828	3.33%	0.246%
16	9.395	1033	1039	1046	rBV3	81721	172625	5.76%	0.425%
17	9.500	1052	1057	1069	rVB	40834	82939	2.77%	0.204%
18	9.612	1070	1076	1080	rBV5	33583	72191	2.41%	0.178%
19	9.871	1109	1120	1126	rBV2	213486	438440	14.64%	1.081%
20	9.941	1126	1132	1144	rVB2	338965	789961	26.37%	1.947%
21	10.117	1151	1162	1163	rBV7	32435	90456	3.02%	0.223%
22	10.235	1174	1182	1190	rBV9	36059	86080	2.87%	0.212%
23	10.405	1205	1211	1220	rVB2	160247	302171	10.09%	0.745%
24	10.523	1226	1231	1238	rVB5	65566	126099	4.21%	0.311%
25	10.670	1245	1256	1259	rBV3	58846	145021	4.84%	0.357%
26	10.705	1259	1262	1270	rVB5	55851	100962	3.37%	0.249%
27	10.787	1270	1276	1280	rBV5	86327	179615	6.00%	0.443%
28	10.846	1283	1286	1293	rVV3	76271	130712	4.36%	0.322%
29	10.911	1293	1297	1305	rVB5	46561	84172	2.81%	0.207%
30	10.999	1306	1312	1320	rBV2	187458	421105	14.06%	1.038%
31	11.181	1337	1343	1349	rVB4	51715	95342	3.18%	0.235%
32	11.246	1349	1354	1358	rBV	52082	93065	3.11%	0.229%
33	11.293	1358	1362	1371	rVB	84187	175342	5.85%	0.432%
34	11.381	1371	1377	1382	rBV7	28633	72064	2.41%	0.178%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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-BG011218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.586	1404	1412	1415	rBV2	97866	224757	7.50%	0.554%
36	11.627	1415	1419	1424	rVB2	190750	335472	11.20%	0.827%
37	11.733	1432	1437	1445	rVB2	246854	494658	16.51%	1.219%
38	11.815	1445	1451	1457	rBV3	87418	191096	6.38%	0.471%
39	11.968	1472	1477	1483	rBV8	33362	85626	2.86%	0.211%
40	12.033	1484	1488	1491	rVV6	35614	64128	2.14%	0.158%
41	12.086	1491	1497	1504	rVB3	102419	218405	7.29%	0.538%
42	12.197	1511	1516	1520	rBV3	78650	133359	4.45%	0.329%
43	12.291	1524	1532	1541	rVB8	159518	435907	14.55%	1.074%
44	12.509	1561	1569	1573	rBV	125880	269842	9.01%	0.665%
45	12.579	1576	1581	1586	rVV2	238025	364062	12.15%	0.897%
46	12.638	1586	1591	1595	rVV4	54377	101494	3.39%	0.250%
47	12.697	1597	1601	1608	rVB3	76663	135476	4.52%	0.334%
48	12.785	1610	1616	1621	rBV2	384306	641101	21.40%	1.580%
49	12.973	1643	1648	1655	rBV6	84788	226271	7.55%	0.558%
50	13.126	1671	1674	1680	rBV3	64571	89953	3.00%	0.222%
51	13.243	1689	1694	1701	rVB	201878	346483	11.57%	0.854%
52	13.320	1702	1707	1711	rBV4	71684	120496	4.02%	0.297%
53	13.378	1711	1717	1722	rBV8	59426	160206	5.35%	0.395%
54	13.466	1726	1732	1739	rVV2	222527	550165	18.37%	1.356%
55	13.654	1760	1764	1770	rVB6	109059	206744	6.90%	0.510%
56	13.725	1772	1776	1781	rBV4	73855	143650	4.80%	0.354%
57	13.889	1799	1804	1808	rBV	388868	613007	20.46%	1.511%
58	14.007	1818	1824	1834	rVB	1205821	2014825	67.26%	4.966%
59	14.089	1834	1838	1843	rBV5	48407	88815	2.96%	0.219%
60	14.183	1847	1854	1858	rBV4	154544	324858	10.84%	0.801%
61	14.324	1874	1878	1882	rVB2	170039	258822	8.64%	0.638%
62	14.377	1884	1887	1889	rVV4	58276	81123	2.71%	0.200%
63	14.412	1890	1893	1901	rVB2	109737	197944	6.61%	0.488%
64	14.559	1910	1918	1924	rBV4	234122	654447	21.85%	1.613%
65	14.700	1937	1942	1948	rBV2	309539	698073	23.30%	1.721%
66	14.753	1948	1951	1955	rVB2	258071	376625	12.57%	0.928%
67	14.812	1955	1961	1968	rVB3	743841	1348475	45.02%	3.324%
68	14.871	1968	1971	1976	rVB5	122243	183833	6.14%	0.453%
69	14.941	1976	1983	1987	rBV4	211917	451273	15.06%	1.112%
70	15.018	1993	1996	2000	rVB5	110396	148333	4.95%	0.366%
71	15.059	2000	2003	2006	rBV3	46226	68543	2.29%	0.169%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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-BG011218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.112	2007	2012	2017	rVB4	141982	287051	9.58%	0.707%
73	15.211	2026	2029	2032	rVB4	107655	136067	4.54%	0.335%
74	15.382	2050	2058	2063	rVB2	321360	606380	20.24%	1.495%
75	15.570	2085	2090	2099	rBV3	183859	462794	15.45%	1.141%
76	15.723	2112	2116	2118	rBV2	113838	157797	5.27%	0.389%
77	15.758	2118	2122	2129	rVB2	262788	430175	14.36%	1.060%
78	15.834	2131	2135	2154	rVB2	363426	983370	32.83%	2.424%
79	15.981	2155	2160	2165	rBV3	273083	543799	18.15%	1.340%
80	16.034	2165	2169	2172	rBV	179286	250565	8.36%	0.618%
81	16.152	2182	2189	2193	rBV5	203722	478118	15.96%	1.178%
82	16.569	2253	2260	2265	rBV2	743203	1298664	43.35%	3.201%
83	16.716	2281	2285	2290	rVB3	348867	533754	17.82%	1.316%
84	16.857	2304	2309	2315	rBV	1028696	1698738	56.71%	4.187%
85	17.050	2336	2342	2356	rVB2	1209061	2342720	78.21%	5.774%
86	17.468	2409	2413	2418	rBV4	159340	265626	8.87%	0.655%
87	17.620	2435	2439	2440	rBV3	91001	123149	4.11%	0.304%
88	17.867	2476	2481	2486	rBV	699275	1023012	34.15%	2.521%
89	18.114	2519	2523	2528	rBV2	419728	613051	20.47%	1.511%
90	18.161	2528	2531	2536	rVB	112598	150458	5.02%	0.371%
91	18.466	2580	2583	2587	rVB2	134342	156730	5.23%	0.386%
92	18.654	2613	2615	2620	rBV5	63662	83058	2.77%	0.205%
93	18.972	2666	2669	2672	rBV	110455	125063	4.17%	0.308%
94	19.865	2816	2821	2825	rBV	156476	235999	7.88%	0.582%
95	19.988	2839	2842	2848	rBV5	84112	137039	4.57%	0.338%
96	20.476	2922	2925	2930	rVB	66400	94498	3.15%	0.233%
97	20.652	2949	2955	2960	rVB	2194599	2995574	100.00%	7.383%
98	21.992	3178	3183	3190	rVB3	71831	113285	3.78%	0.279%
99	22.450	3253	3261	3272	rVB	581702	1074721	35.88%	2.649%
100	26.152	3878	3891	3907	rVB2	333563	1115917	37.25%	2.750%

Sum of corrected areas: 40572930

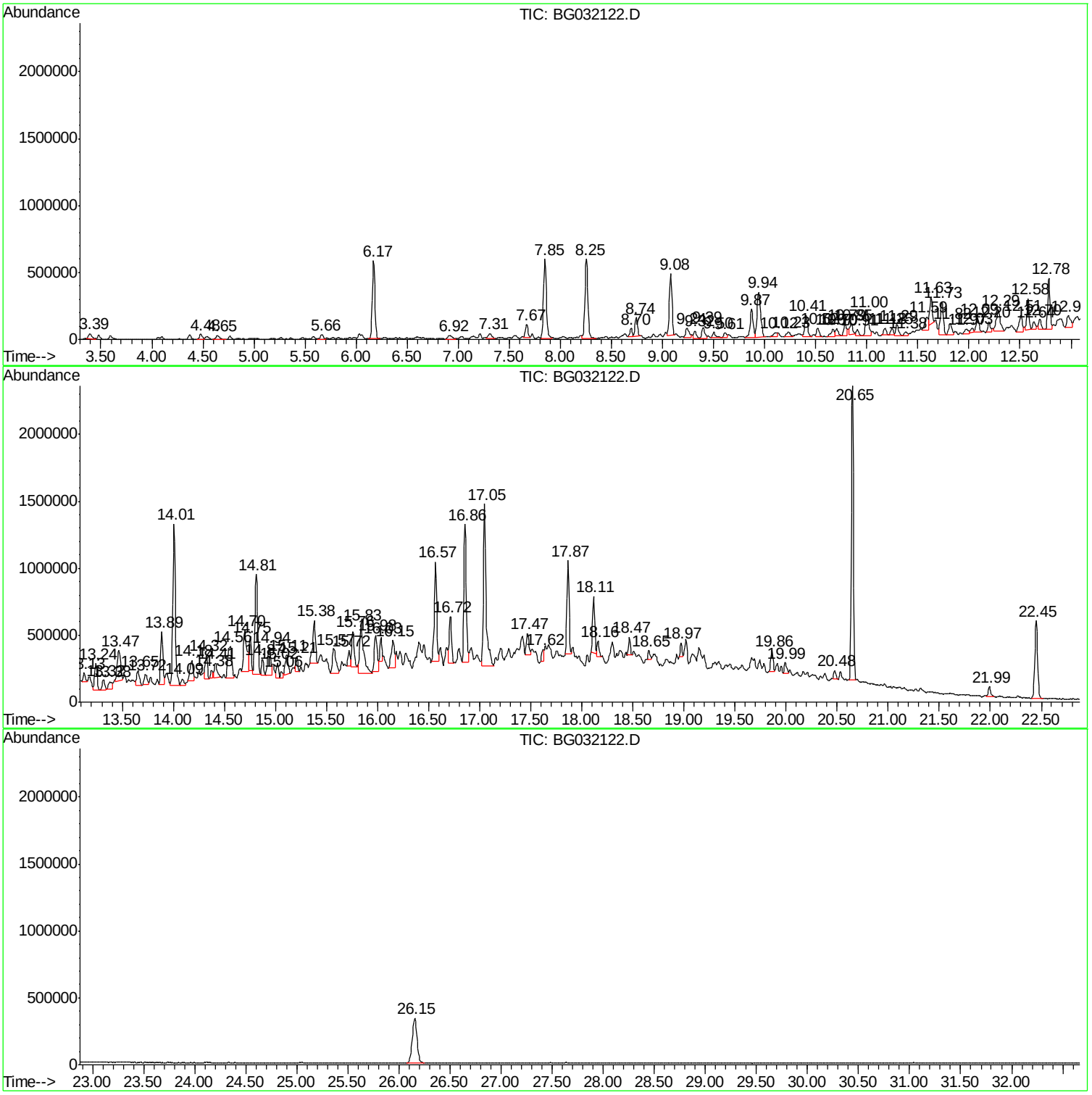
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

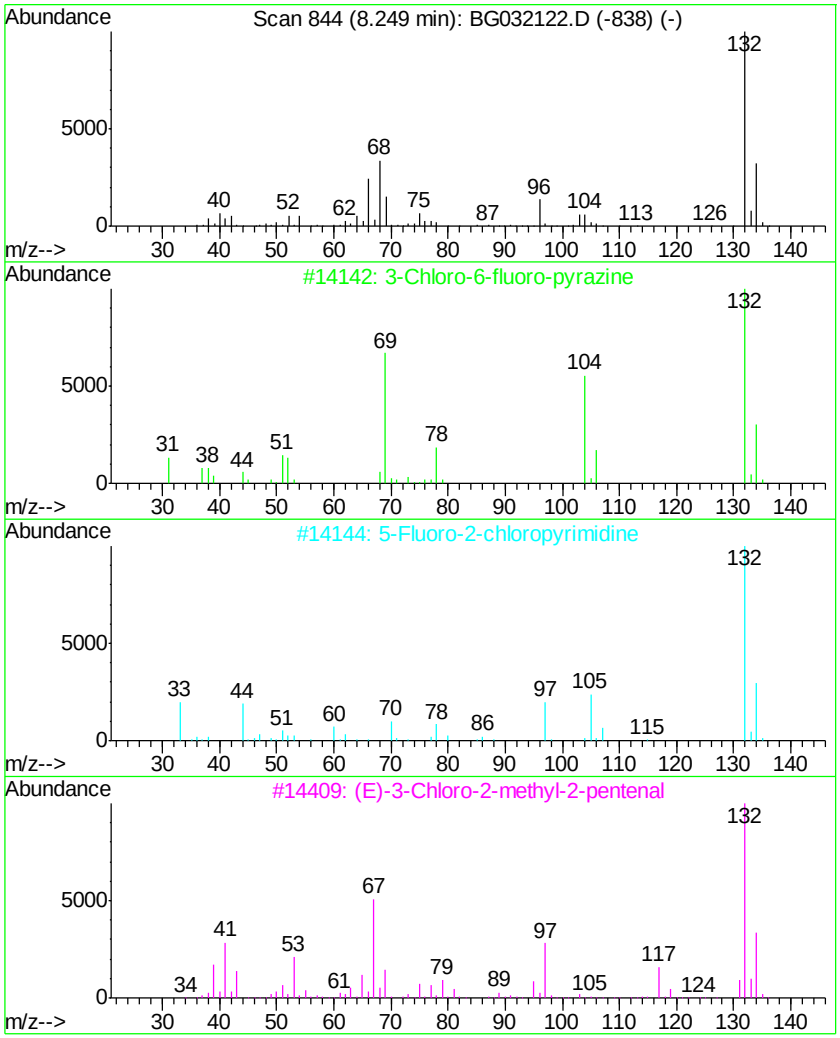
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

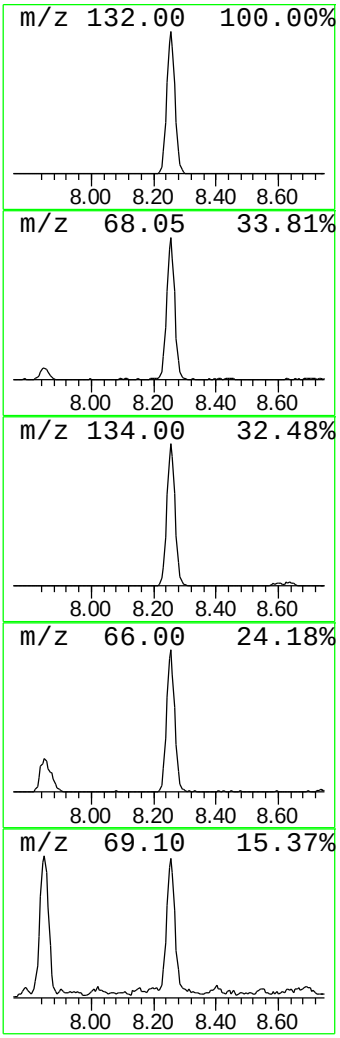
****

Peak Number 1 unknown8.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	100.93 ng	1141690	1,4-Dichlorobenzene-d4	8.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

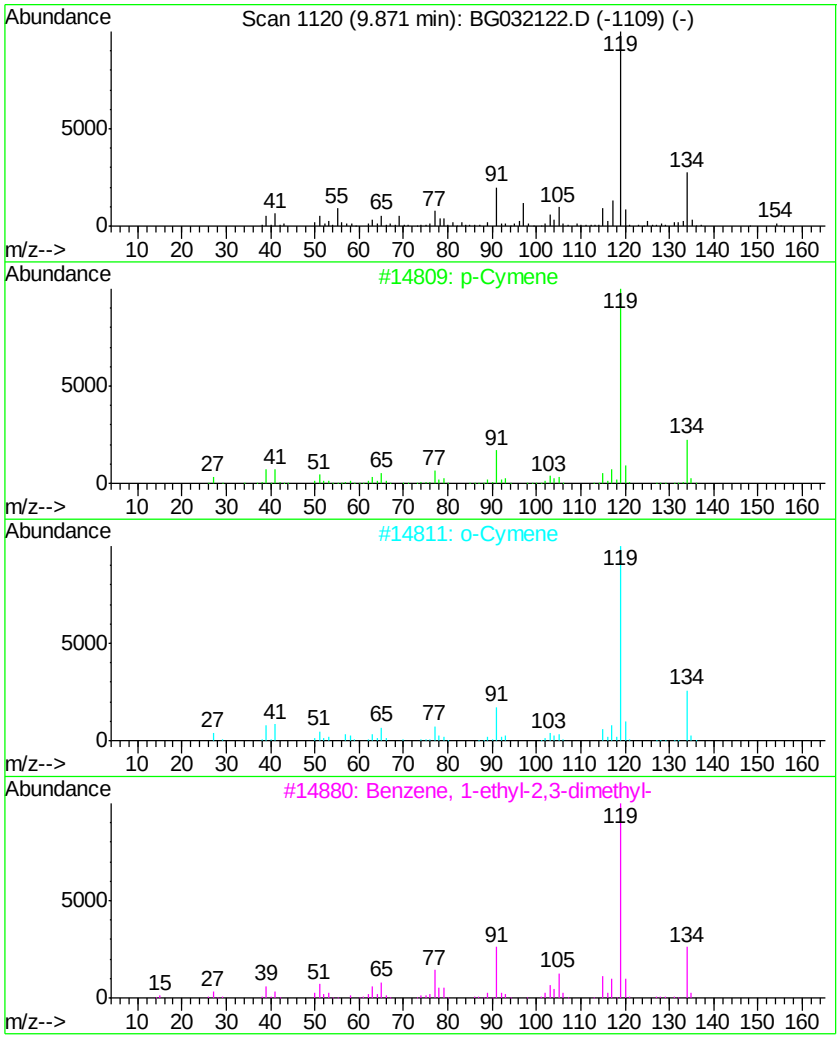
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

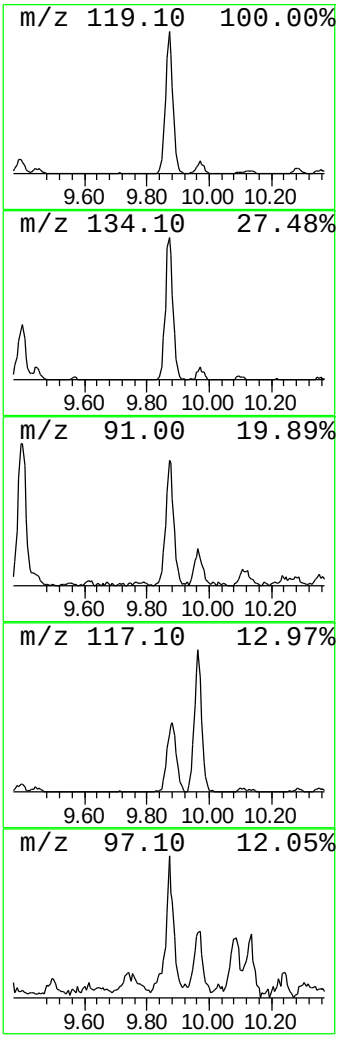
****

Peak Number 3 p-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	38.76 ng	438440	1,4-Dichlorobenzene-d4	8.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

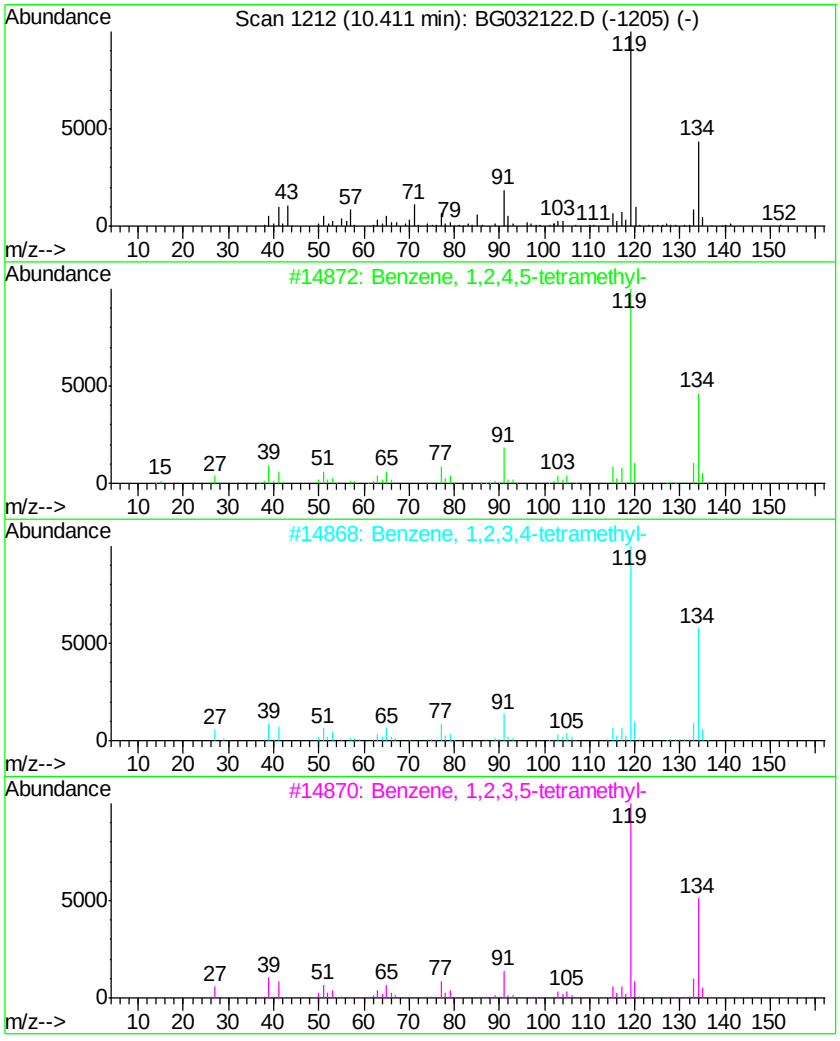
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

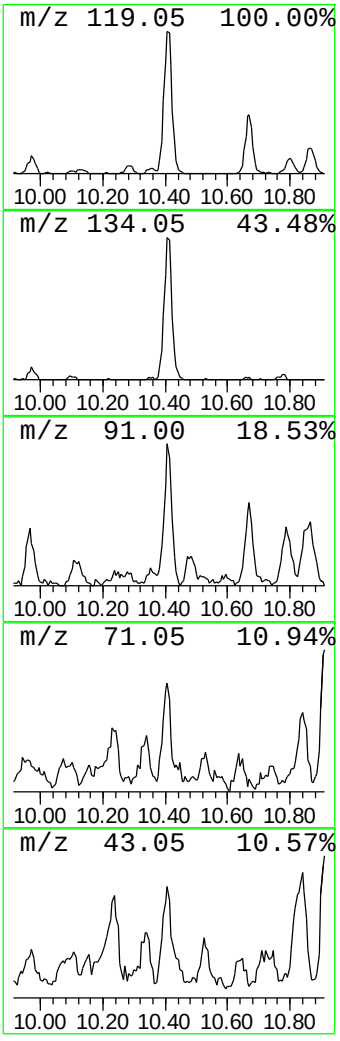
****

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	18.01 ng	302171	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	p-Cymene	134	C10H14	000099-87-6	87





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

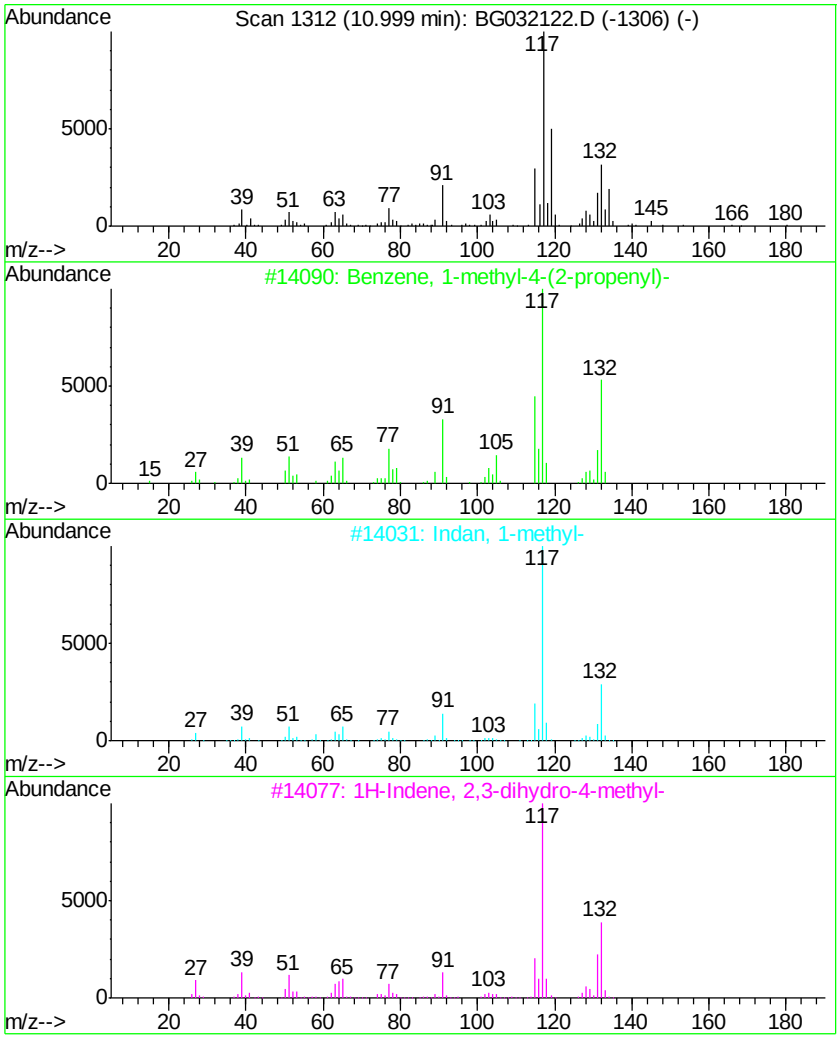
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

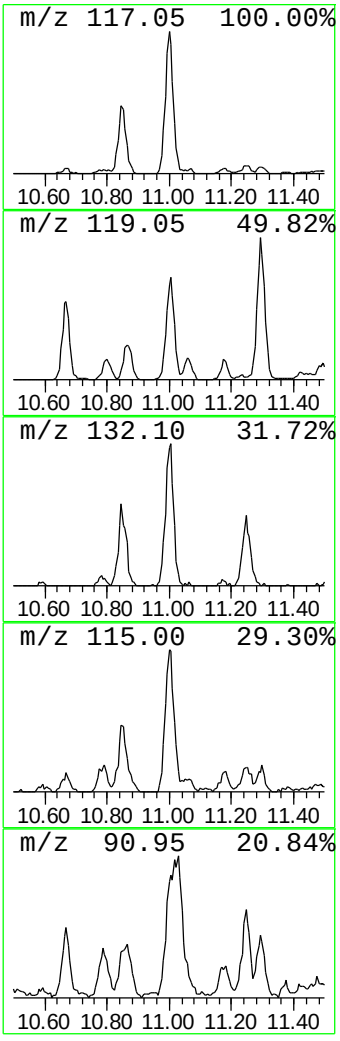
****

Peak Number 5 Benzene, 1-methyl-4-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	25.11 ng	421105	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	68
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	68
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	68





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

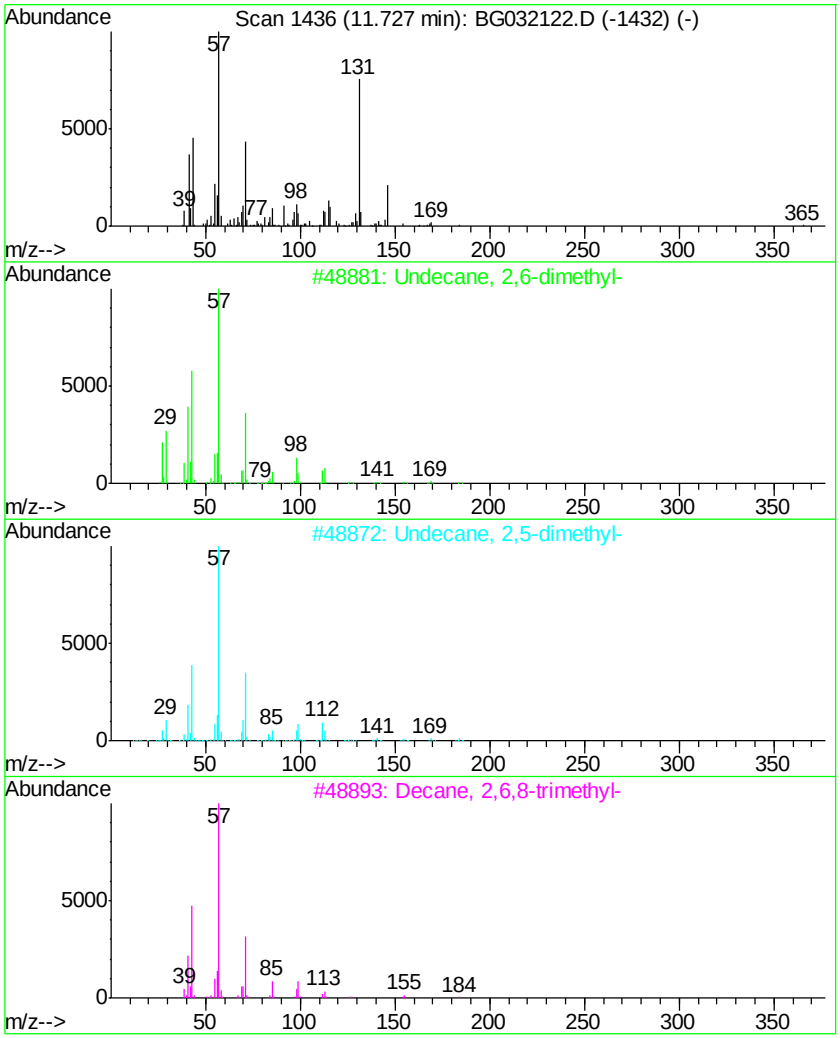
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

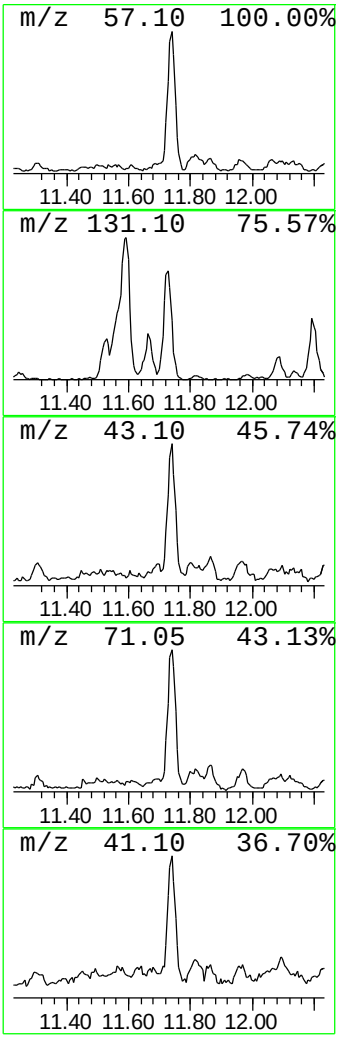
****

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	29.49 ng	494658	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	38
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	38
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	35





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Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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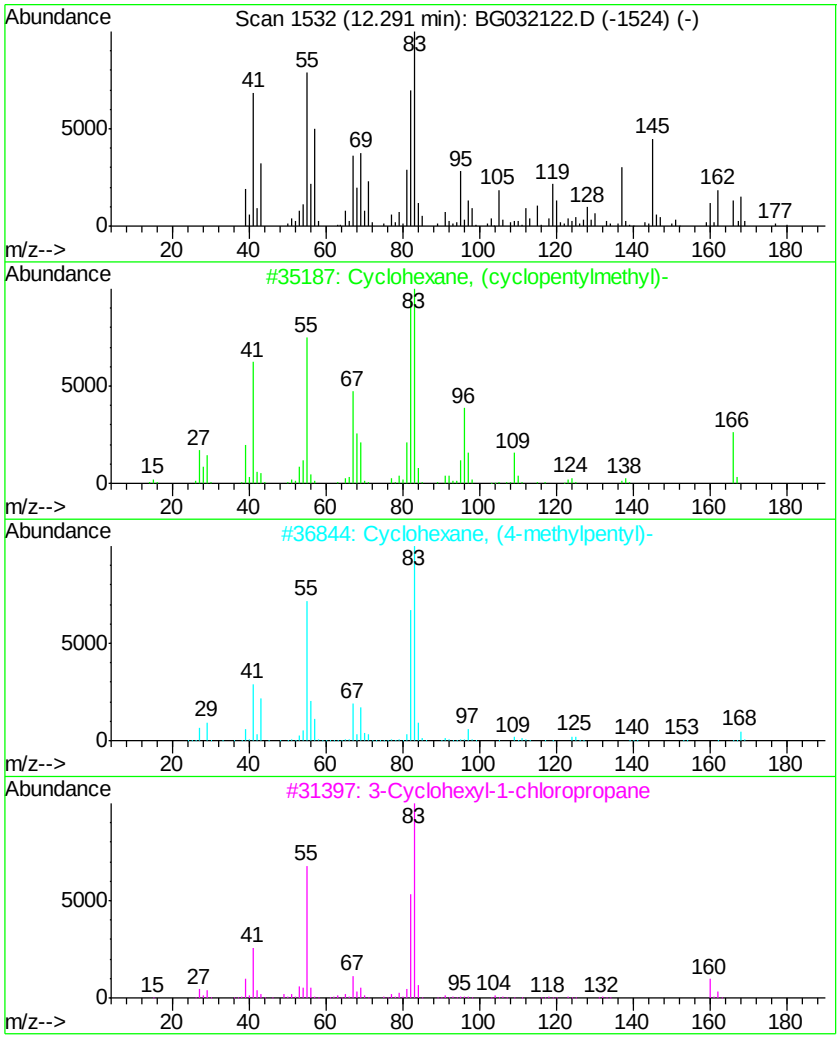
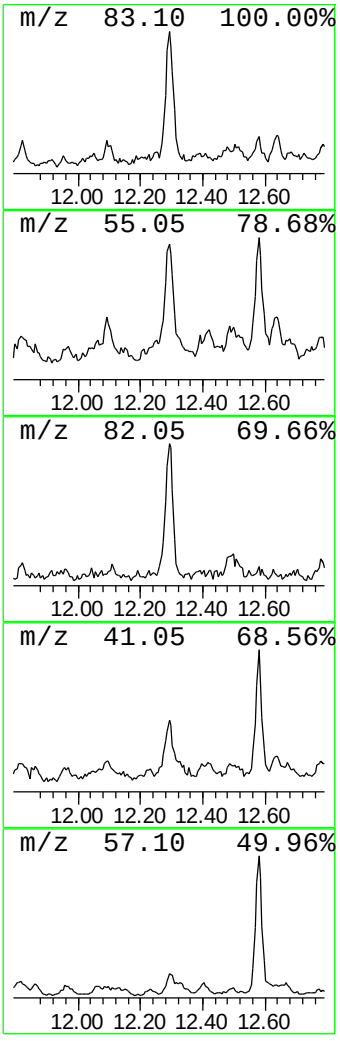
Peak Number 7 Cyclohexane, (cyclopentylme... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	25.99 ng	435907	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	50
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
3	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	43
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	35





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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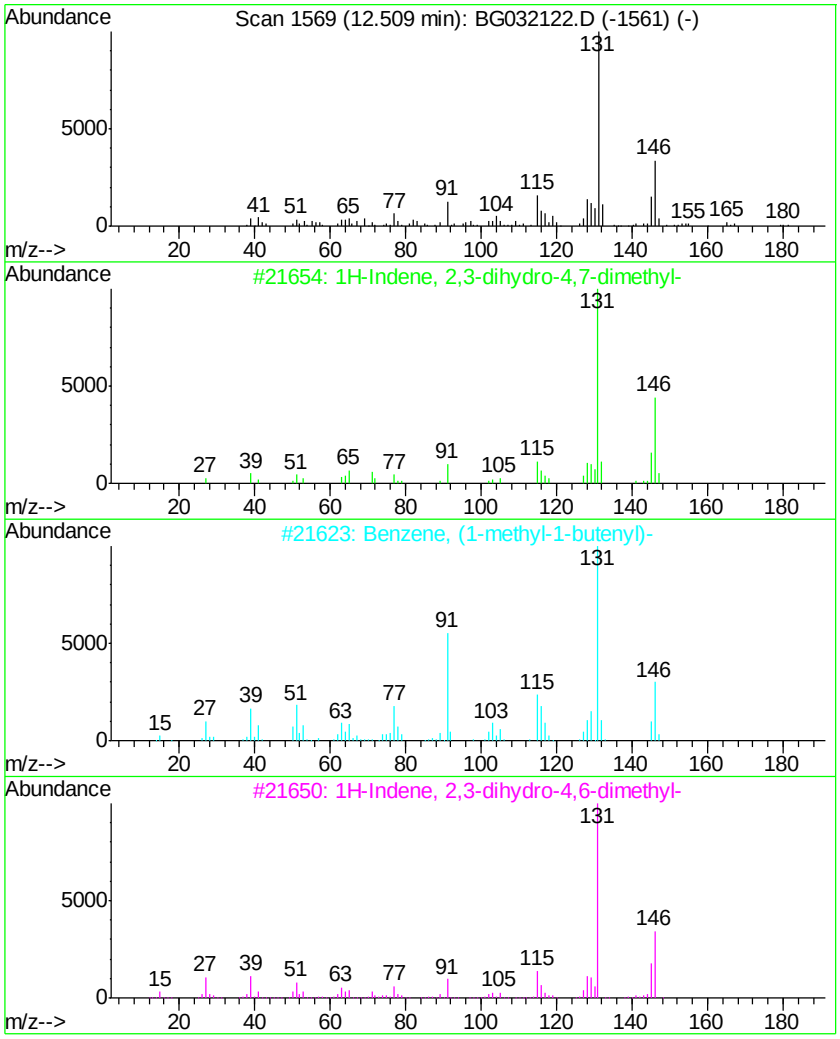
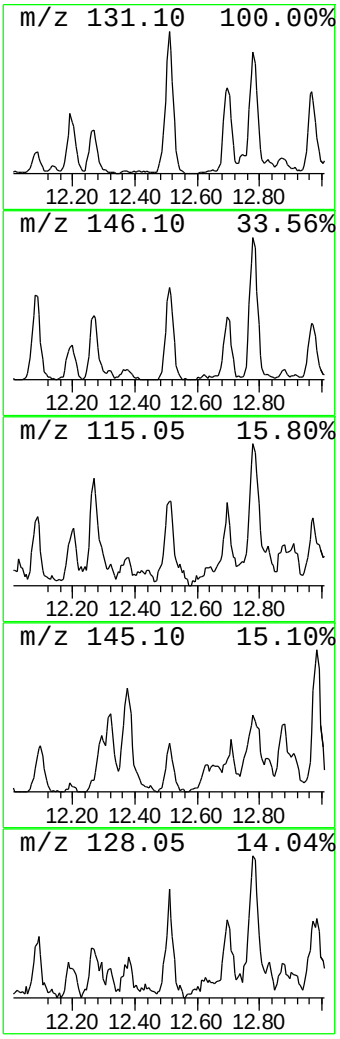
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	16.09 ng	269842	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	93





Library Search Compound Report

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Operator : SJ/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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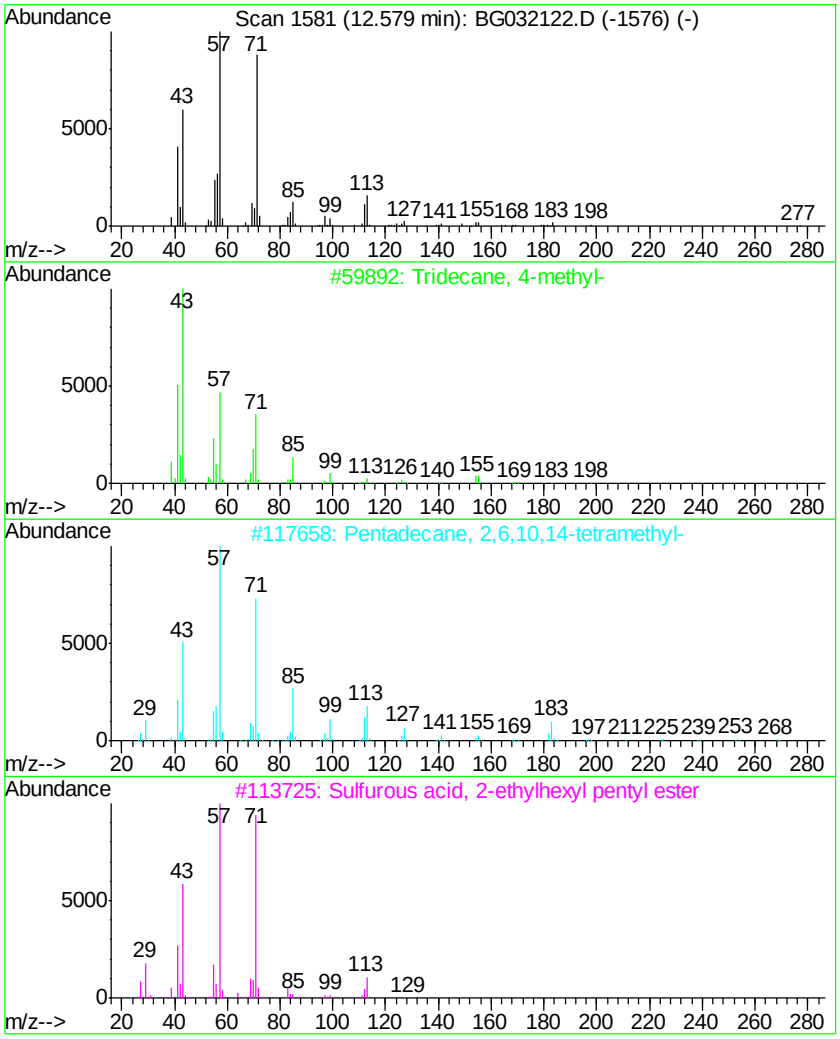
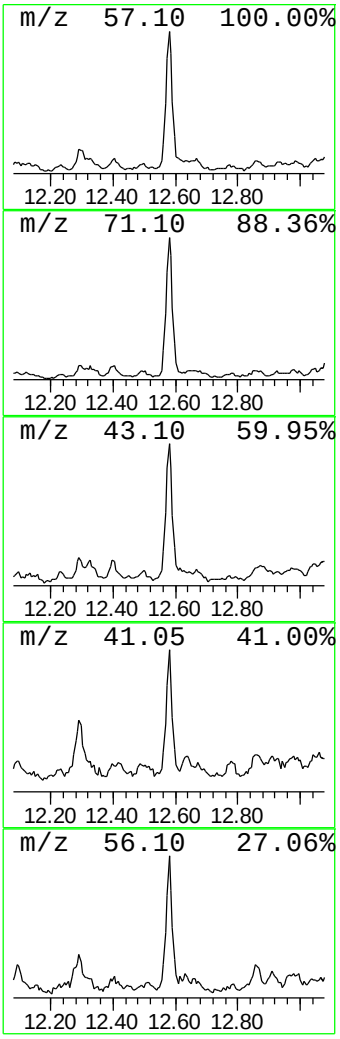
Peak Number 9 Tridecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	21.70 ng	364062	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	53





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Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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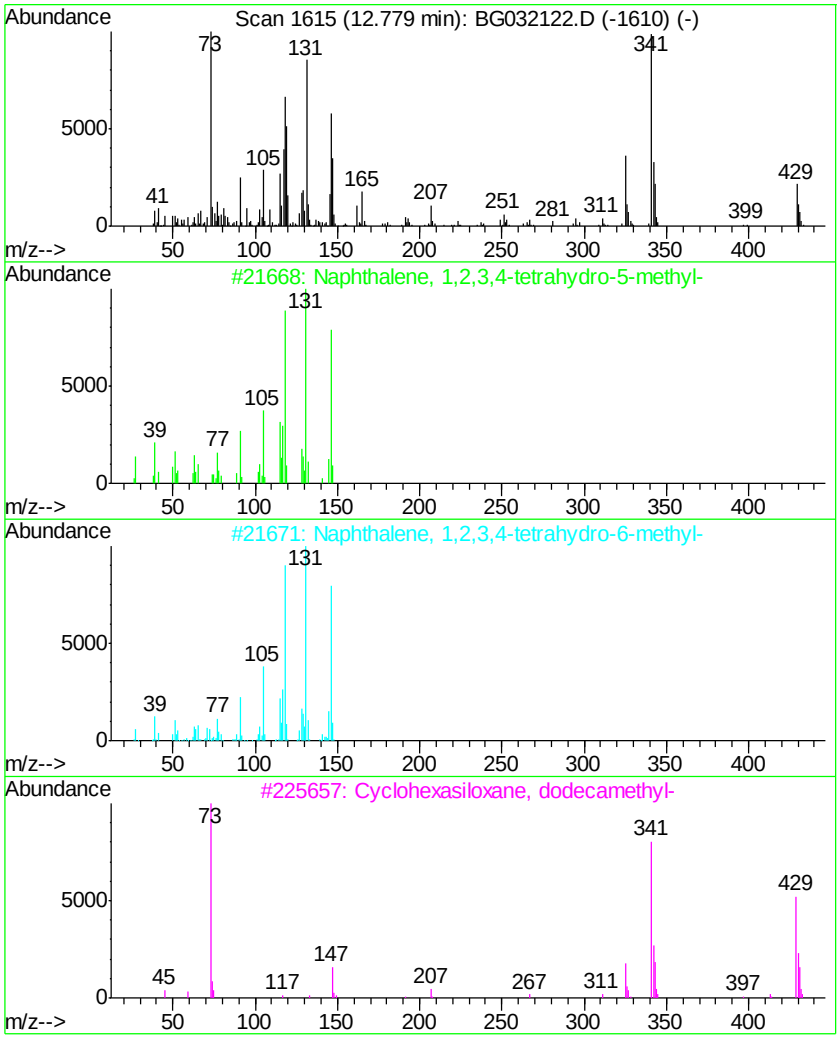
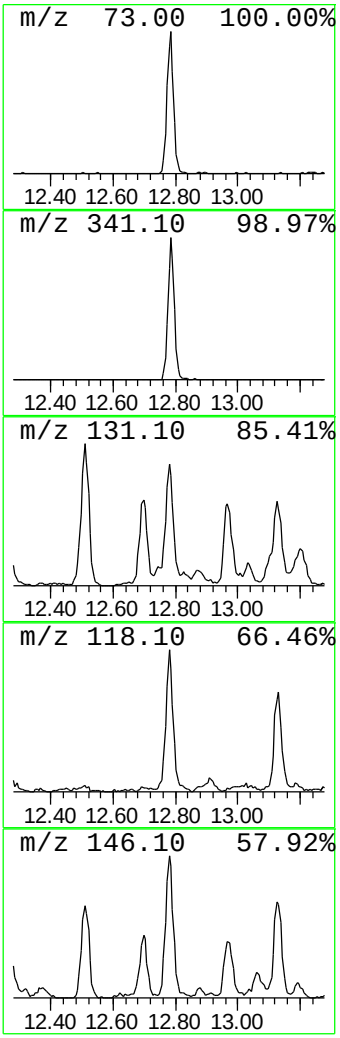
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	38.22 ng	641101	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	92
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
3	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	50
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	15
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	15





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Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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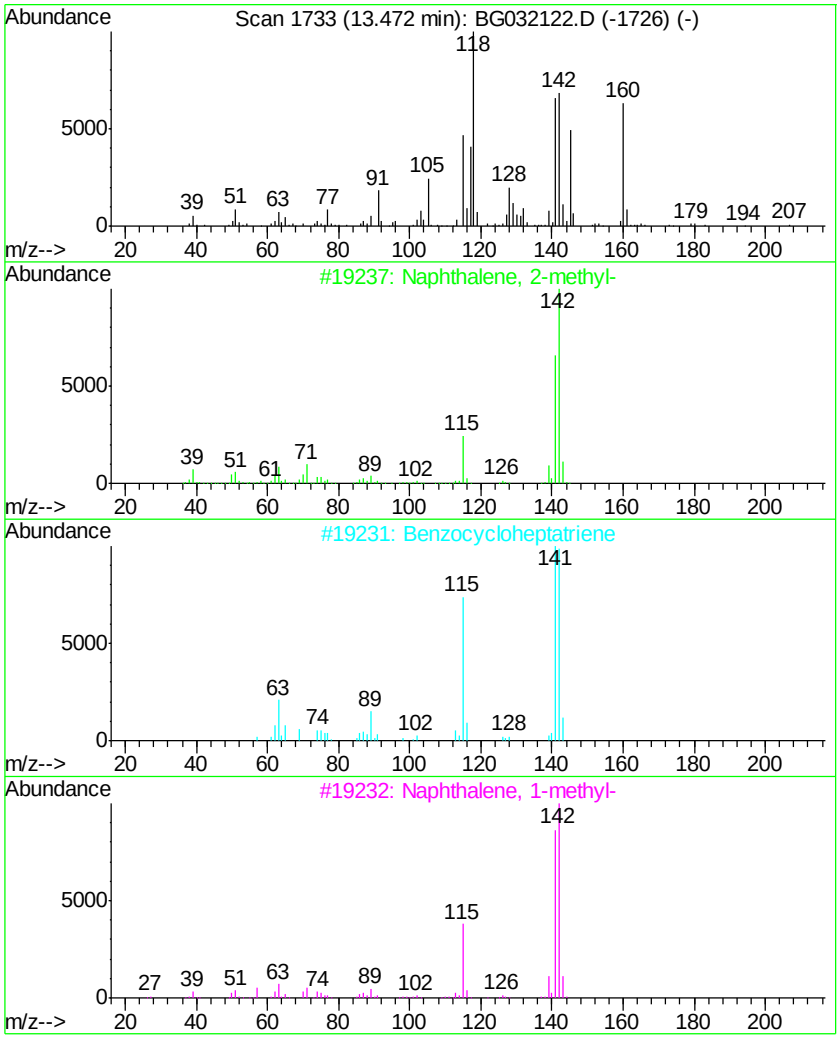
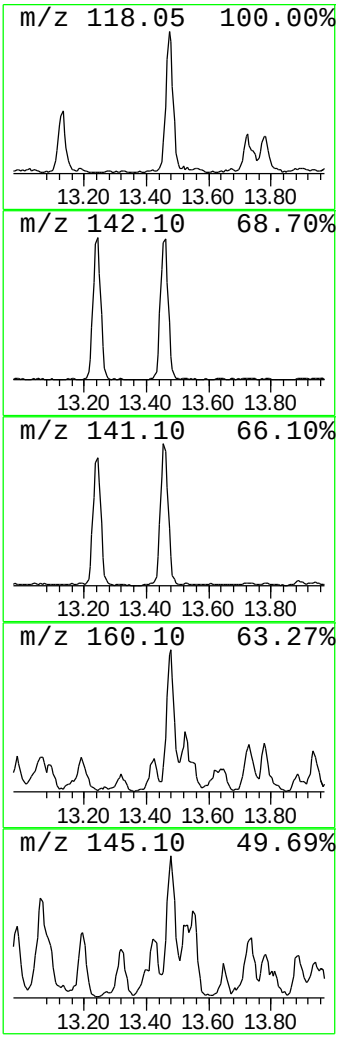
Peak Number 11 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	32.80 ng	550165	Naphthalene-d8	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	64
2	Benzocycloheptatriene	142	C11H10	000264-09-5	64
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	64
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	58
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	53





Library Search Compound Report

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Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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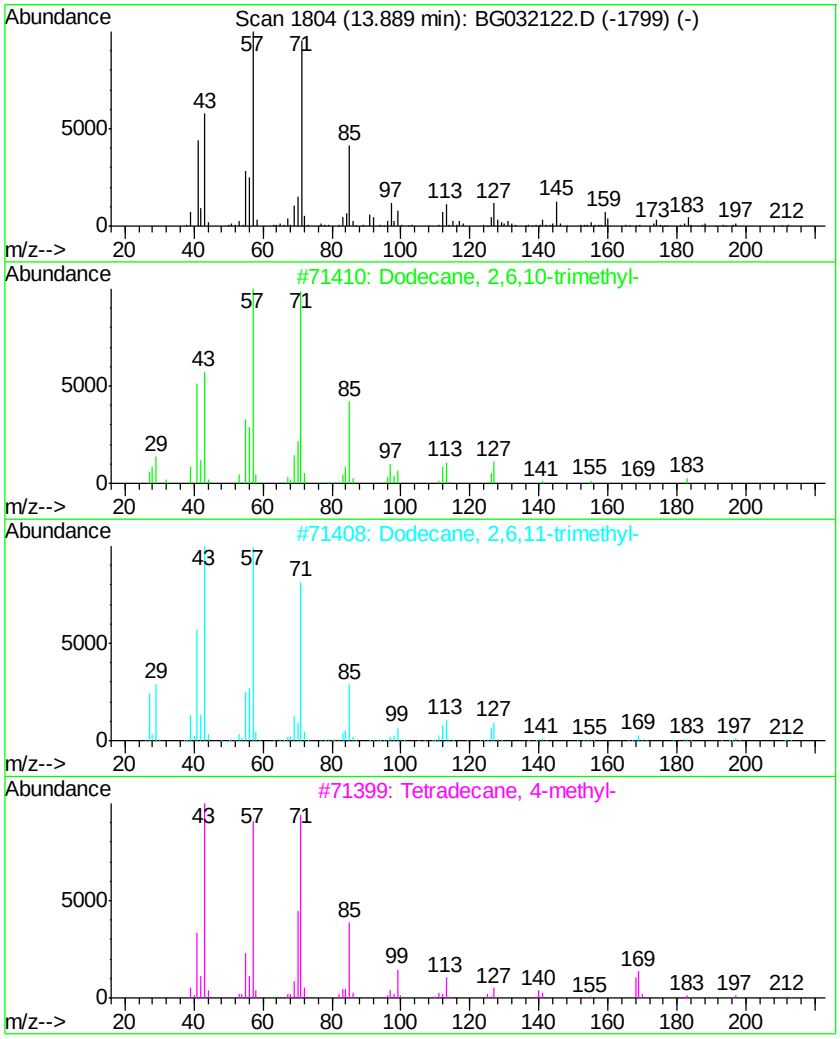
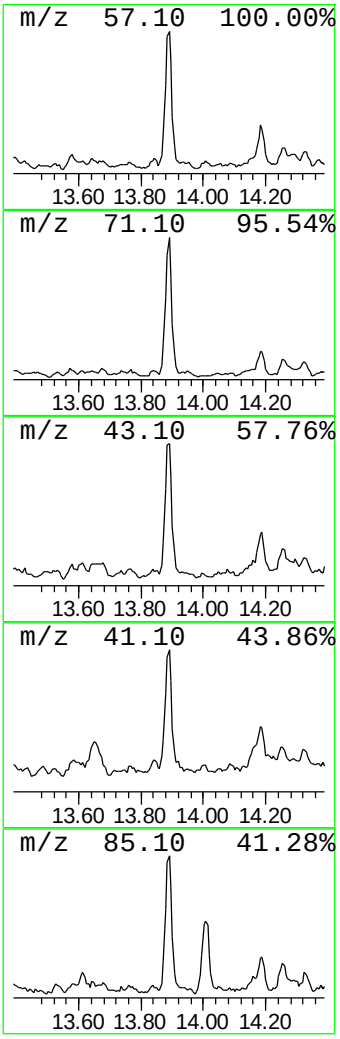
Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	20.22 ng	613007	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58





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Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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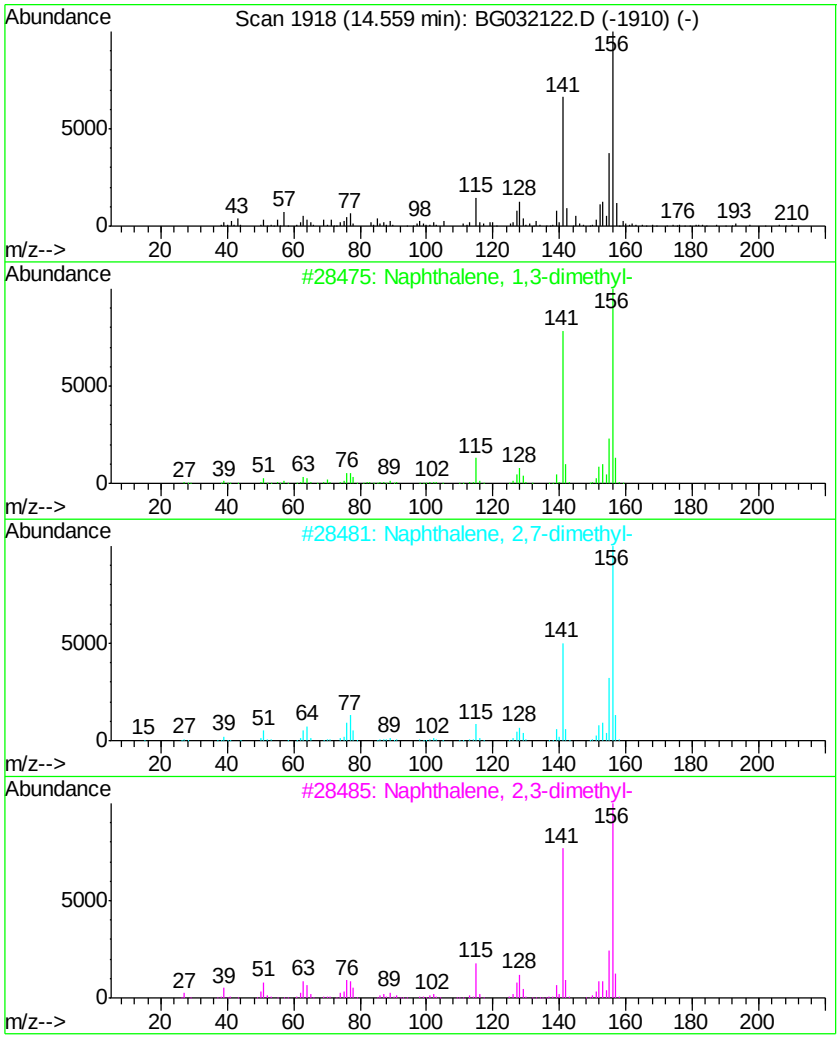
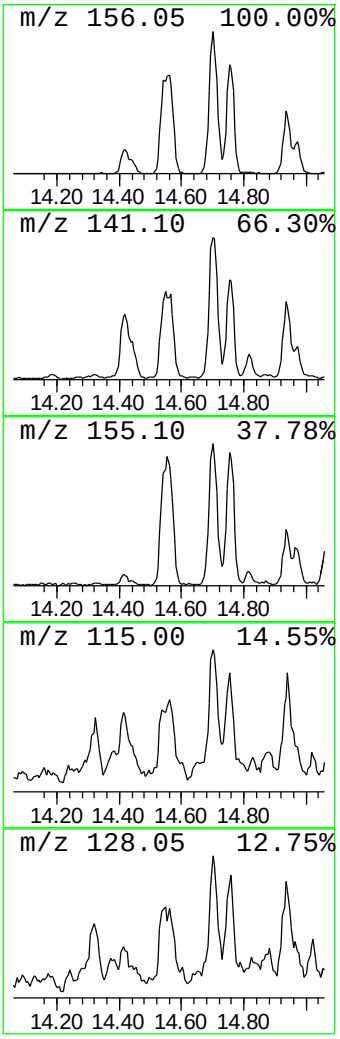
Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	21.59 ng	654447	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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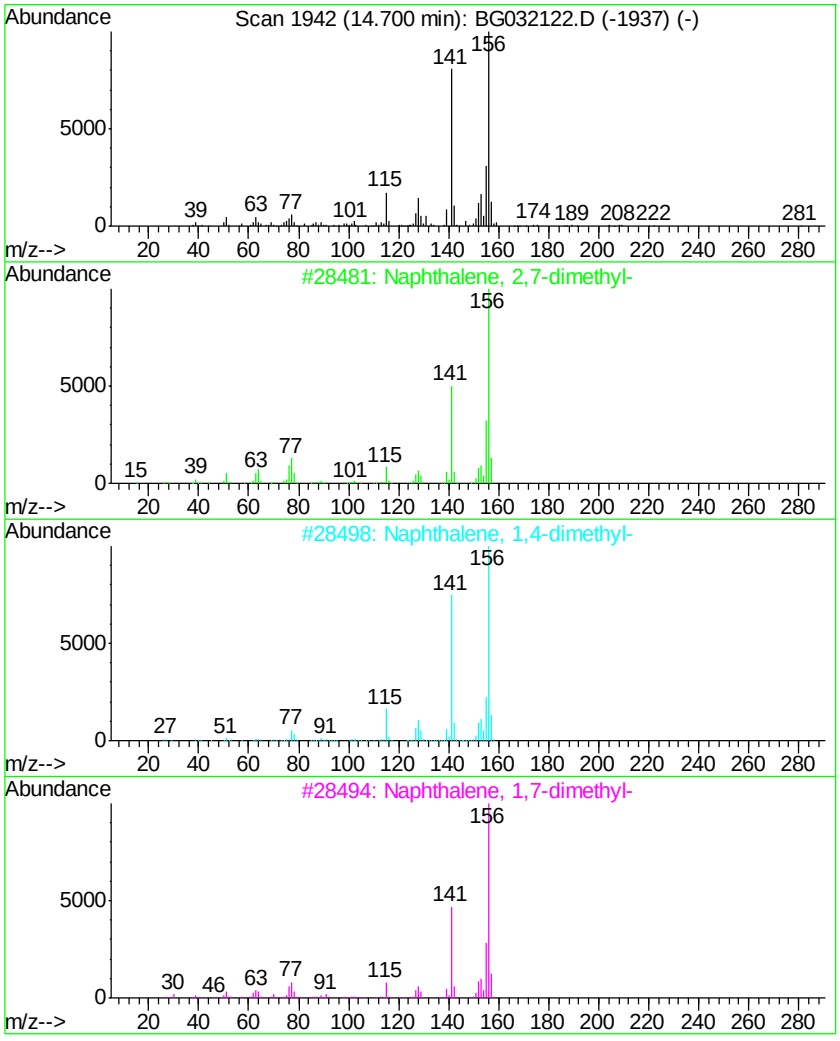
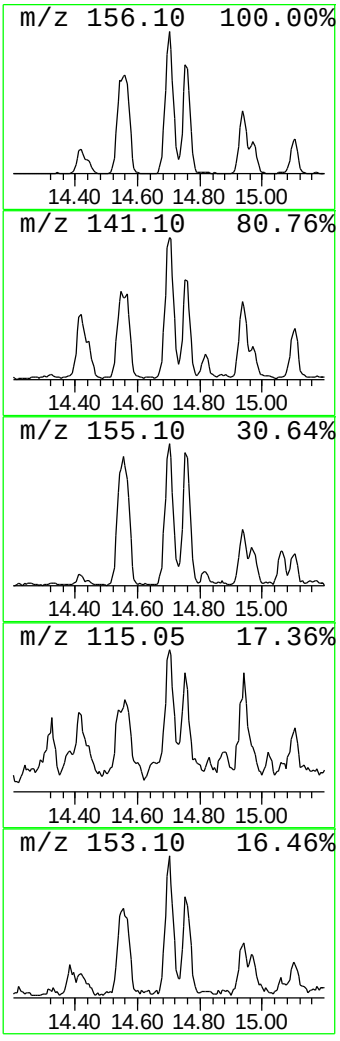
Peak Number 14 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	23.02 ng	698073	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Misc :
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Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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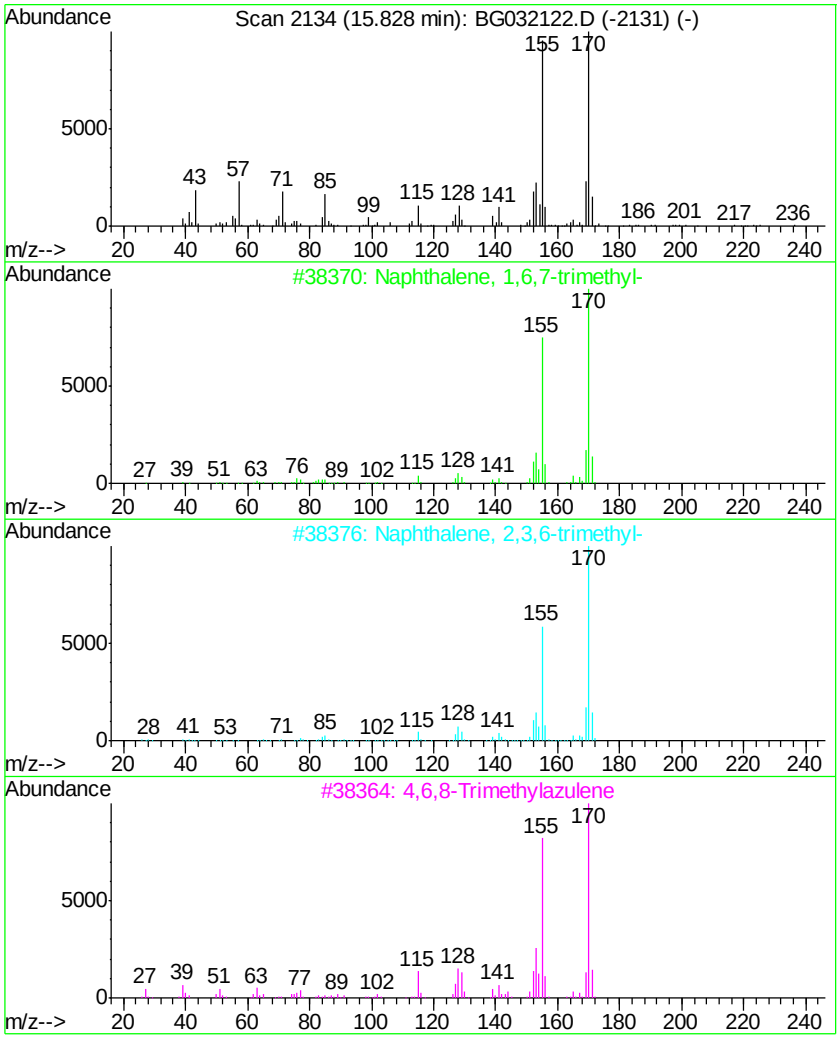
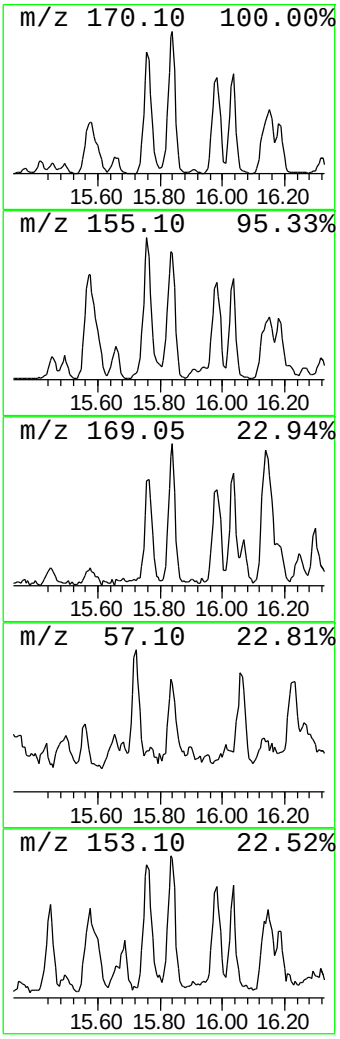
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	32.43 ng	983370	Acenaphthene-d10	15.38

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





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Instrument : BNA_G
ClientSampleId : DS-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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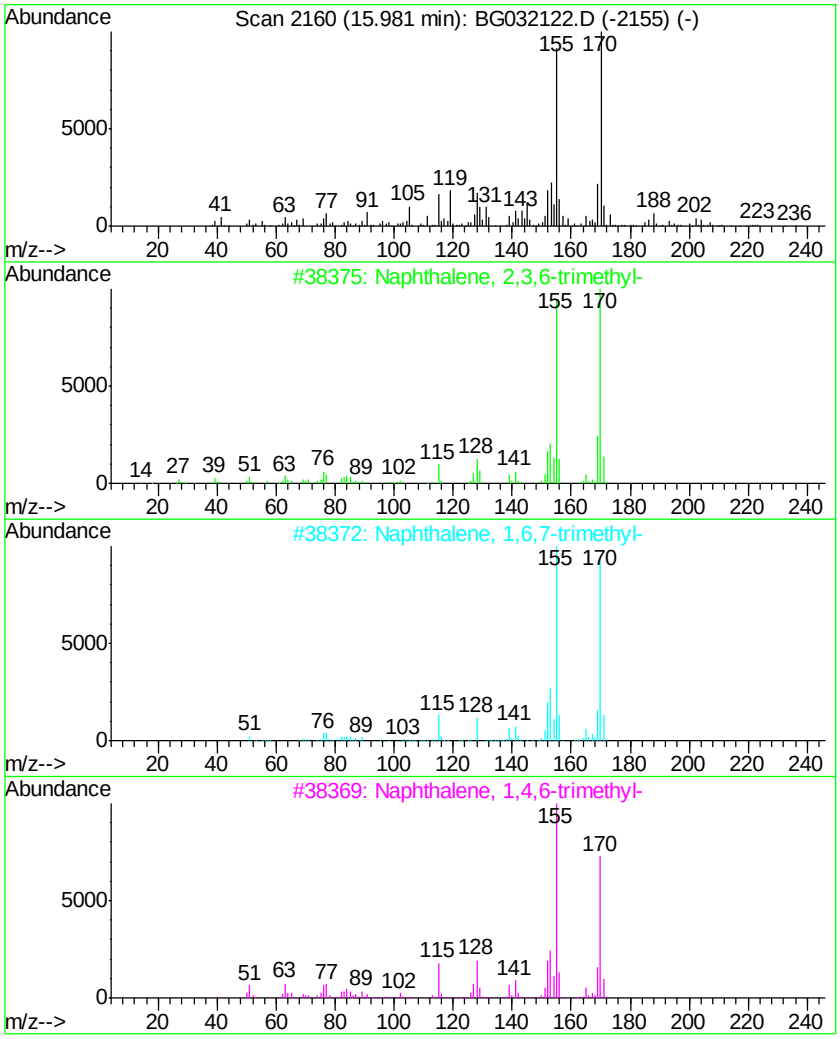
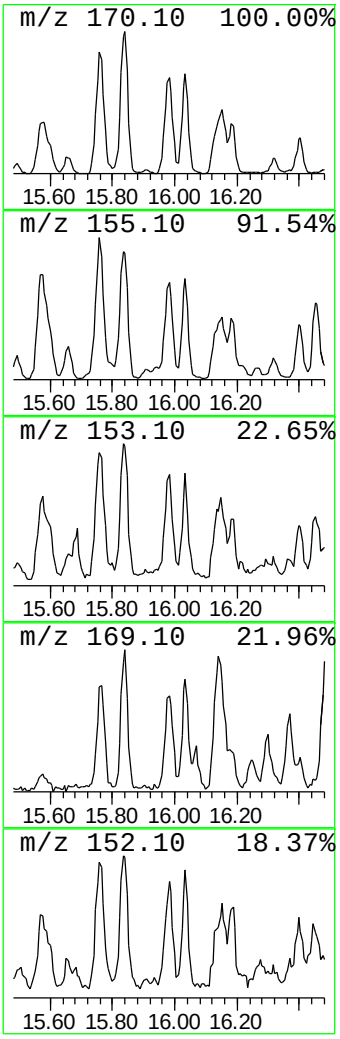
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	17.94 ng	543799	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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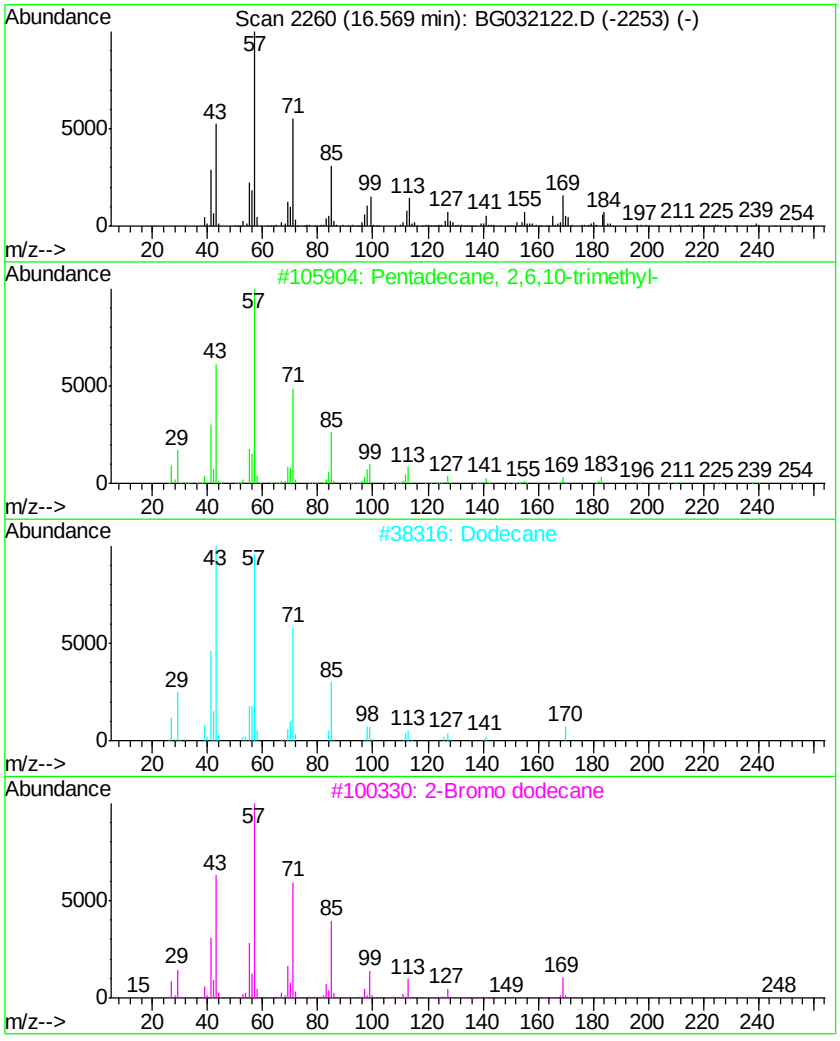
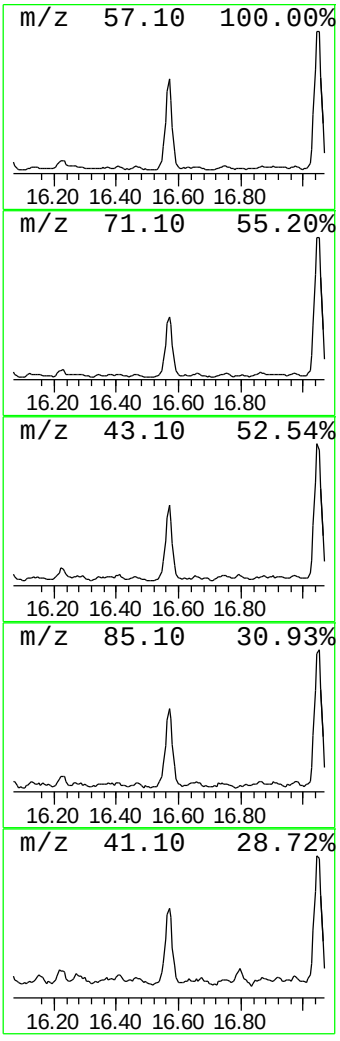
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	42.83 ng	1298660	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Dodecane	170	C12H26	000112-40-3	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Tridecane	184	C13H28	000629-50-5	74
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64





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Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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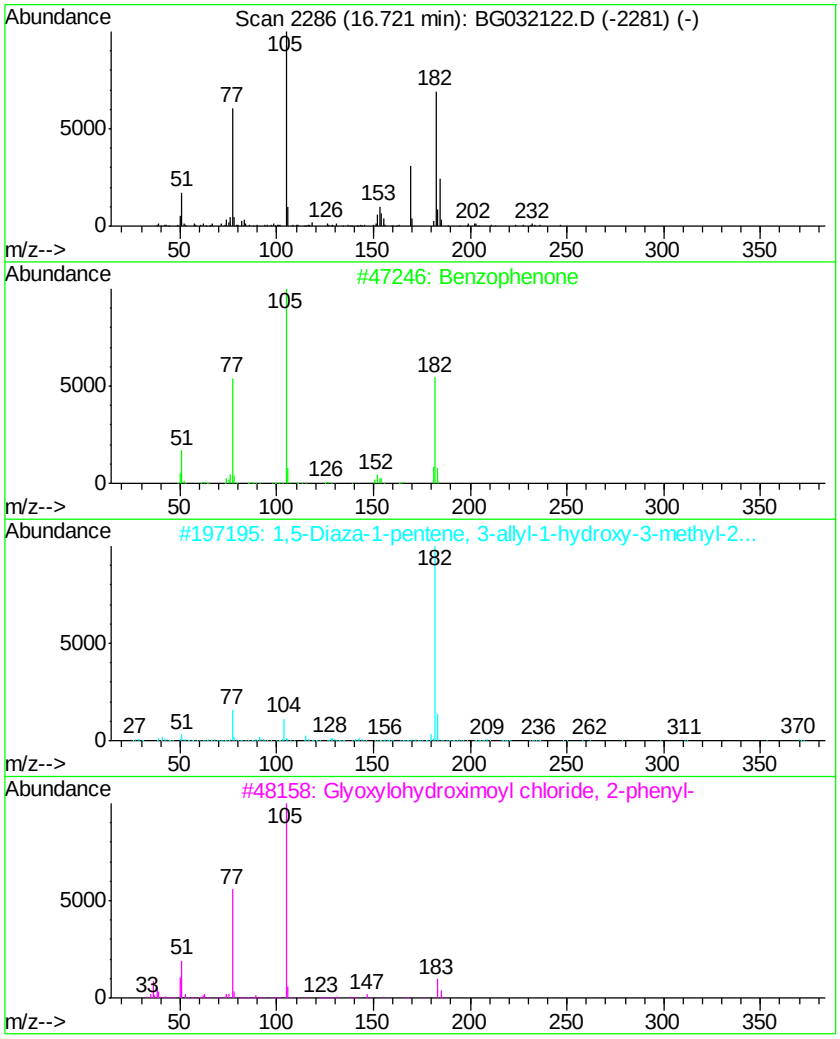
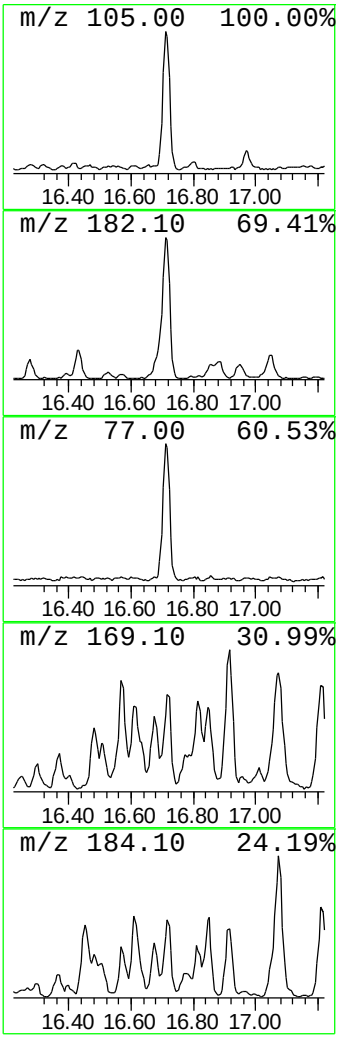
Peak Number 18 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	17.60 ng	533754	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	1,5-Diaza-1-pentene, 3-allyl-1-h...	370	C25H26N2O	1000153-77-2	47
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	38
4	Benzoylformic acid	150	C8H6O3	000611-73-4	38
5	Ethanone, 2,2-dihydroxy-1-phenyl-	152	C8H8O3	001075-06-5	27





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Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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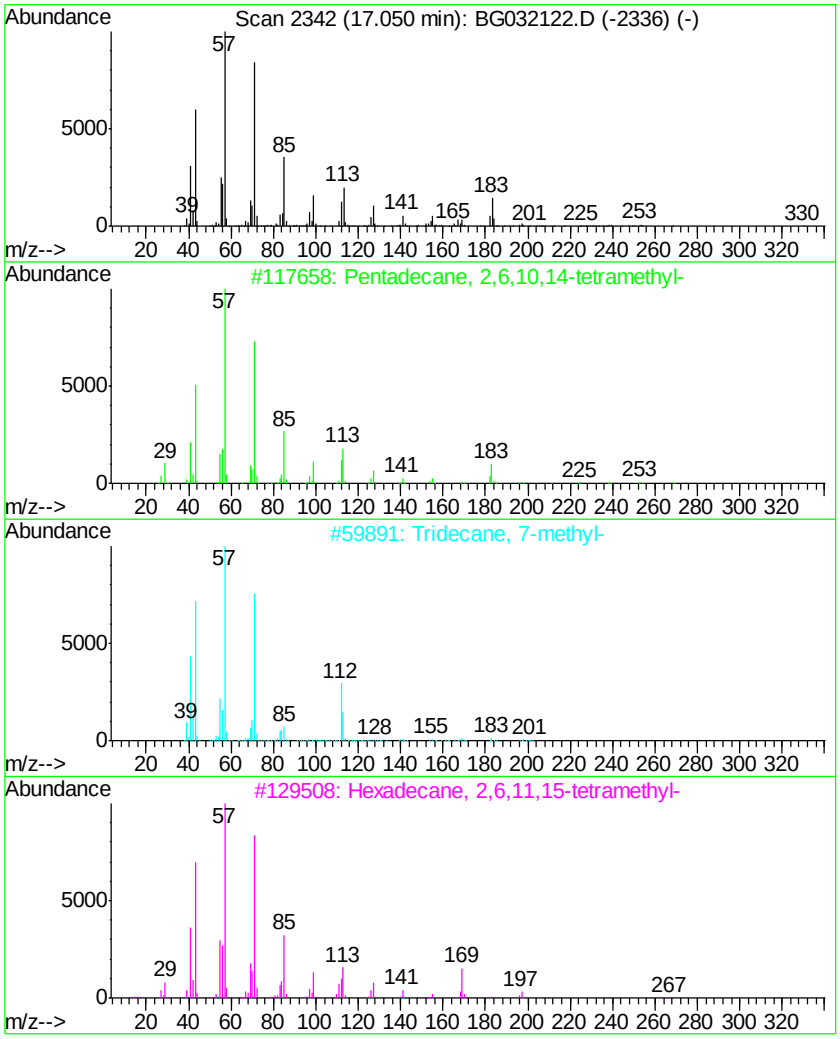
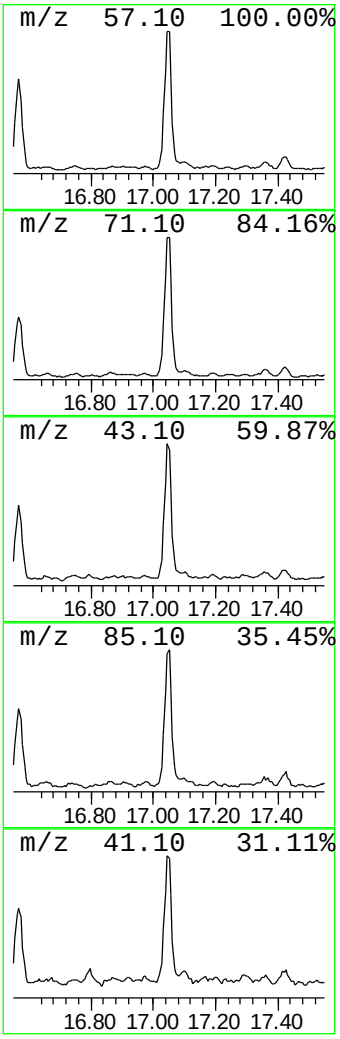
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	76.43 ng	2342720	Phenanthrene-d10	18.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	74
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	74





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Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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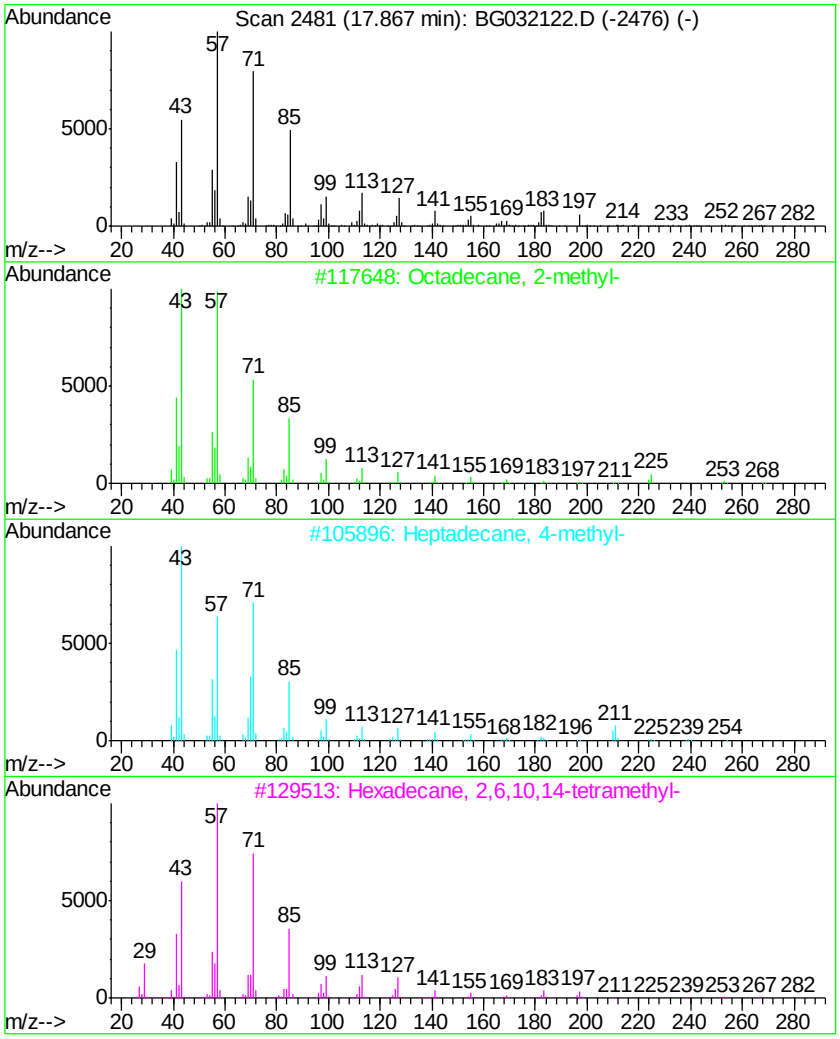
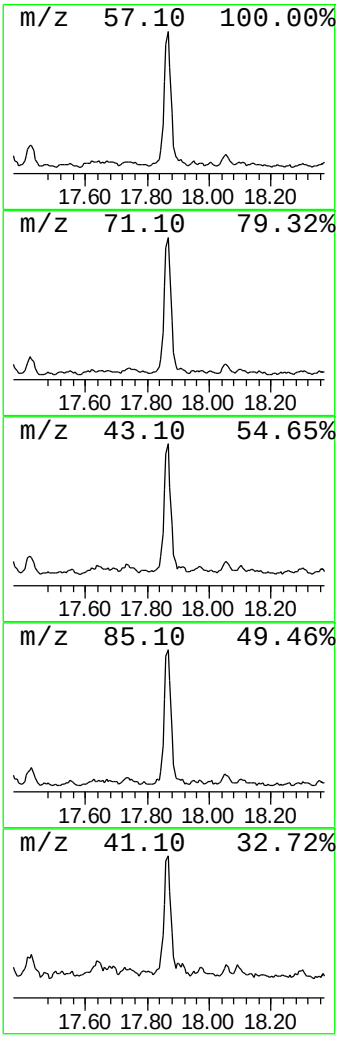
Peak Number 20 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	33.37 ng	1023010	Phenanthrene-d10	18.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032122.D
Acq On : 18 Jan 2018 4:35
Operator : SJ/JU
Sample : J1144-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DS-4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.25	8.25	100.9	ng	1141690	1	8.74	226232	20.0
p-Cymene	9.87	38.8	ng	438440	1	8.74	226232	20.0
Benzene, 1,2,4,5-...	10.41	18.0	ng	302171	2	11.63	335472	20.0
Benzene, 1-methyl...	11.00	25.1	ng	421105	2	11.63	335472	20.0
Undecane, 2,6-dim...	11.73	29.5	ng	494658	2	11.63	335472	20.0
Cyclohexane, (cyc...	12.29	26.0	ng	435907	2	11.63	335472	20.0
1H-Indene, 2,3-di...	12.51	16.1	ng	269842	2	11.63	335472	20.0
Tridecane, 4-methyl-	12.58	21.7	ng	364062	2	11.63	335472	20.0
Naphthalene, 1,2,...	12.78	38.2	ng	641101	2	11.63	335472	20.0
Naphthalene, 1-me...	13.47	32.8	ng	550165	2	11.63	335472	20.0
Dodecane, 2,6,10-...	13.89	20.2	ng	613007	3	15.38	606380	20.0
Naphthalene, 1,3-...	14.56	21.6	ng	654447	3	15.38	606380	20.0
Naphthalene, 2,7-...	14.70	23.0	ng	698073	3	15.38	606380	20.0
Naphthalene, 1,6,...	15.83	32.4	ng	983370	3	15.38	606380	20.0
Naphthalene, 2,3,...	15.98	17.9	ng	543799	3	15.38	606380	20.0
Pentadecane, 2,6,...	16.57	42.8	ng	1298660	3	15.38	606380	20.0
Benzophenone	16.72	17.6	ng	533754	3	15.38	606380	20.0
Pentadecane, 2,6,...	17.05	76.4	ng	2342720	4	18.11	613051	20.0
Octadecane, 2-met...	17.87	33.4	ng	1023010	4	18.11	613051	20.0