LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

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-BG092316.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	5.104	382	386	391	rVB	68345	86563	1.51%	0.260%
2	5.586	463	468	483	rVB	406987	755078	13.13%	2.268%
3	7.213	740	745	754	rBV	267769	527862	9.18%	1.585%
4	7.572	799	806	818	rBV	874898	1574469	27.38%	4.729%
5	8.036	880	885	899	rVB2	176009	347192	6.04%	1.043%
6	8.365	932	941	948	rBV	834875	1482631	25.78%	4.453%
7	8.840	1016	1022	1032	rBV	38598	79524	1.38%	0.239%
8	9.140	1067	1073	1079	rBV2	56346	95936	1.67%	0.288%
9	9.222	1079	1087	1098	rBV	832970	1575975	27.41%	4.734%
10	9.393	1108	1116	1123	rVB6	30859	72391	1.26%	0.217%
11	9.481	1126	1131	1137	rBV4	34592	69855	1.21%	0.210%
12	9.675	1159	1164	1170	rVB2	46649	74344	1.29%	0.223%
13	9.733	1170	1174	1183	rBV	44600	78449	1.36%	0.236%
14	10.045	1221	1227	1233	rBV4	58313	120978	2.10%	0.363%
15	10.256	1252	1263	1269	rBV2	160607	316294	5.50%	0.950%
16	10.432	1283	1293	1297	rBV6	34577	99888	1.74%	0.300%
17	10.491	1297	1303	1309	rVV2	53653	97376	1.69%	0.292%
18	10.738	1337	1345	1348	rBV5	26737	62371	1.08%	0.187%
19	10.814	1353	1358	1359	rVV2	65016	102610	1.78%	0.308%
20	10.873	1359	1368	1380	rVV2	262955	819773	14.26%	2.462%
21	10.973	1380	1385	1394	rVB3	102675	220720	3.84%	0.663%
22	11.067	1394	1401	1408	rBV5	37940	81289	1.41%	0.244%
23	11.331	1441	1446	1454	rVB2	116146	198879	3.46%	0.597%
24	11.443	1459	1465	1472	rBV2	73629	154826	2.69%	0.465%
25	11.784	1514	1523	1528	rBV3	78508	162258	2.82%	0.487%
26	11.977	1550	1556	1560	rVB2	62949	103952	1.81%	0.312%
27	12.054	1563	1569	1575	rBV3	119224	219204	3.81%	0.658%
28	12.189	1588	1592	1597	rVB2	38650	61163	1.06%	0.184%
29	12.259	1597	1604	1611	rBV4	107297	227453	3.96%	0.683%
30	12.353	1612	1620	1623	rVV7	37897	105941	1.84%	0.318%
31	12.418	1625	1631	1637	rVV	108687	204084	3.55%	0.613%
32	12.483	1638	1642	1648	rVB4	47038	72394	1.26%	0.217%
33	12.770	1684	1691	1696	rVB5	145603	304674	5.30%	0.915%
34	13.035	1732	1736	1741	rBV6	37831	86131	1.50%	0.259%

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Sample : H4925-01
Misc :
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Instrument : BNA_G
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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 >
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.082	1741	1744	1748	rVB3	47371	70003	1.22%	0.210%
36	13.211	1759	1766	1770	rBV6	48914	90982	1.58%	0.273%
37	13.323	1778	1785	1795	rBV	2087580	3330138	57.91%	10.002%
38	13.505	1809	1816	1820	rBV	120327	196210	3.41%	0.589%
39	13.581	1825	1829	1834	rVV3	98962	162639	2.83%	0.489%
40	13.640	1834	1839	1844	rVB3	90604	169813	2.95%	0.510%
41	13.869	1872	1878	1881	rBV4	73836	157113	2.73%	0.472%
42	14.028	1899	1905	1910	rBV3	153065	374366	6.51%	1.124%
43	14.075	1910	1913	1919	rVB5	138813	243956	4.24%	0.733%
44	14.163	1924	1928	1931	rVV2	112668	148207	2.58%	0.445%
45	14.204	1931	1935	1941	rVV6	68130	135669	2.36%	0.407%
46	14.274	1941	1947	1955	rVB5	86018	207470	3.61%	0.623%
47	14.433	1970	1974	1979	rBV7	39648	71887	1.25%	0.216%
48	14.580	1994	1999	2006	rVB	184410	254680	4.43%	0.765%
49	14.715	2008	2022	2027	rBV	527005	978015	17.01%	2.938%
50	14.921	2052	2057	2065	rVB6	63441	144590	2.51%	0.434%
51	15.114	2086	2090	2096	rVB5	90018	162440	2.82%	0.488%
52	15.191	2098	2103	2111	rVB6	93049	196607	3.42%	0.591%
53	15.267	2112	2116	2121	rVB6	38958	57927	1.01%	0.174%
54	15.326	2121	2126	2133	rBV5	105228	229814	4.00%	0.690%
55	15.531	2158	2161	2168	rVB	240826	330941	5.76%	0.994%
56	15.766	2197	2201	2204	rBV3	36360	59194	1.03%	0.178%
57	15.890	2219	2222	2226	rBV2	71599	120868	2.10%	0.363%
58	15.937	2226	2230	2235	rVV2	118200	199468	3.47%	0.599%
59	16.037	2243	2247	2252	rBV8	45222	67981	1.18%	0.204%
60	16.219	2272	2278	2285	rBV	1936242	2979821	51.82%	8.950%
61	16.401	2304	2309	2312	rBV	265294	426000	7.41%	1.280%
62	16.747	2363	2368	2370	rBV4	48962	86009	1.50%	0.258%
63	16.830	2379	2382	2386	rVB3	64495	80912	1.41%	0.243%
64	16.912	2393	2396	2403	rVB8	53554	85647	1.49%	0.257%
65	16.982	2403	2408	2411	rBV7	35923	59851	1.04%	0.180%
66	17.194	2440	2444	2448	rBV	226402	272782	4.74%	0.819%
67	17.247	2449	2453	2457	rVV3	102749	141885	2.47%	0.426%
68	17.482	2487	2493	2499	rBV	653792	1007250	17.52%	3.025%
69	17.676	2522	2526	2530	rBV7	50486	75656	1.32%	0.227%
70	17.740	2535	2537	2544	rVB8	48482	79437	1.38%	0.239%
71	17.940	2567	2571	2577	rVB	214589	290316	5.05%	0.872%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.351	2637	2641	2645	rBV5	57318	102542	1.78%	0.308%
73	18.545	2670	2674	2679	rBV7	37456	59566	1.04%	0.179%
74	18.627	2685	2688	2694	rVB	150598	199677	3.47%	0.600%
75	19.091	2762	2767	2773	rVB6	37080	75772	1.32%	0.228%
76	19.262	2792	2796	2801	rBV2	148153	206787	3.60%	0.621%
77	19.837	2890	2894	2898	rVB3	83083	96687	1.68%	0.290%
78	20.090	2931	2937	2943	rBV	4557578	5750323	100.00%	17.272%
79	20.372	2981	2985	2989	rBV	49186	60850	1.06%	0.183%
80	21.788	3219	3226	3236	rBV	703455	1224948	21.30%	3.679%
81	25.130	3785	3795	3807	rVB	391098	1126894	19.60%	3.385%

Sum of corrected areas: 33293117

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Sample : H4925-01
Misc :
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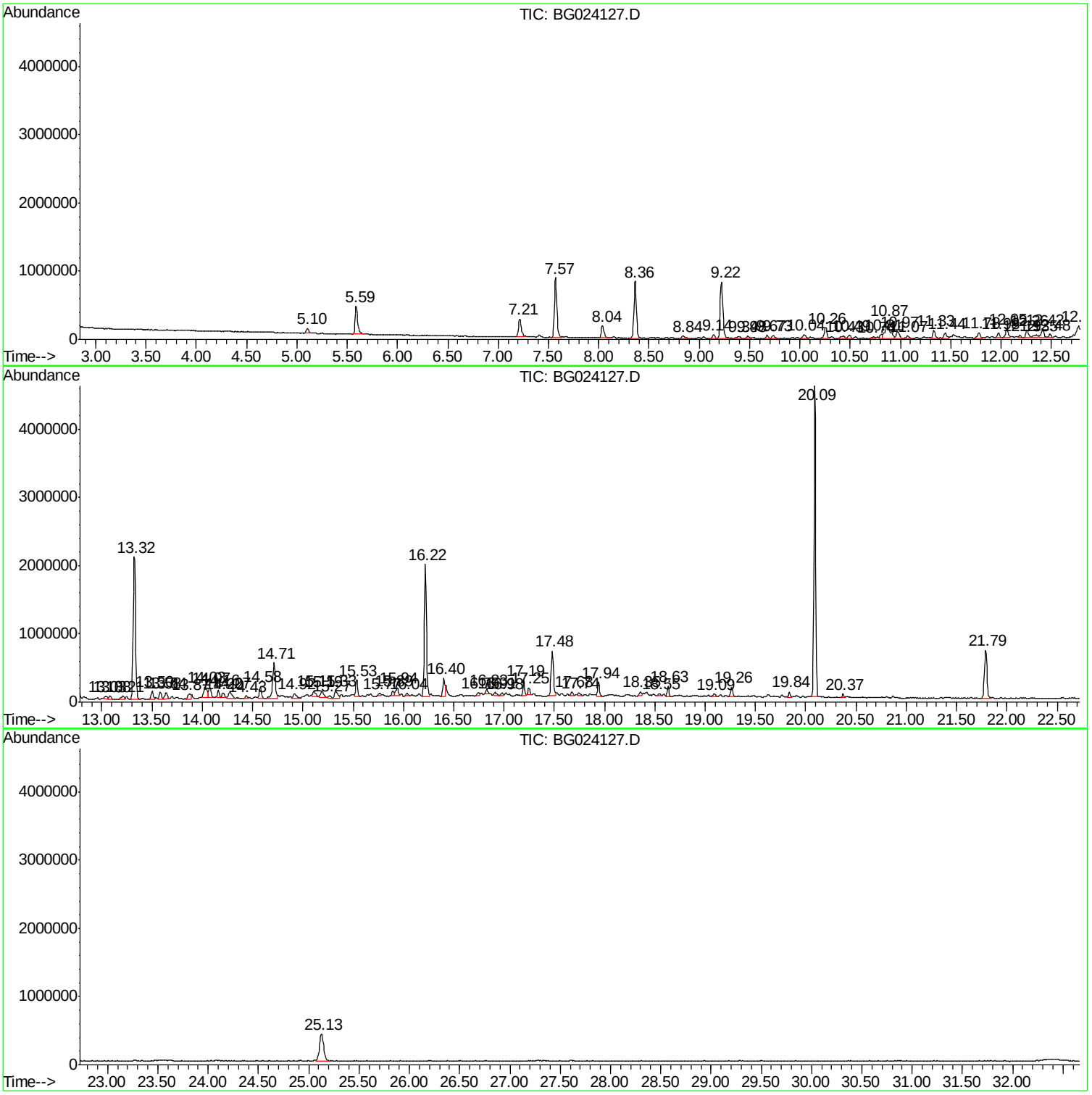
Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

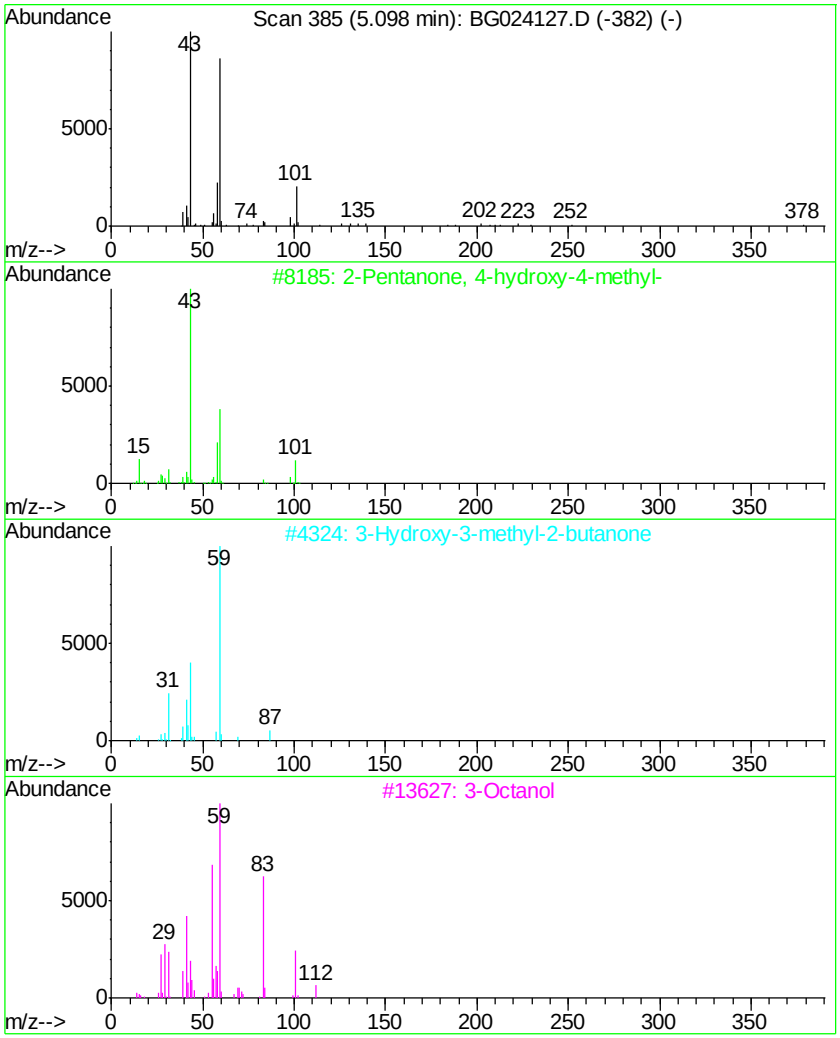
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

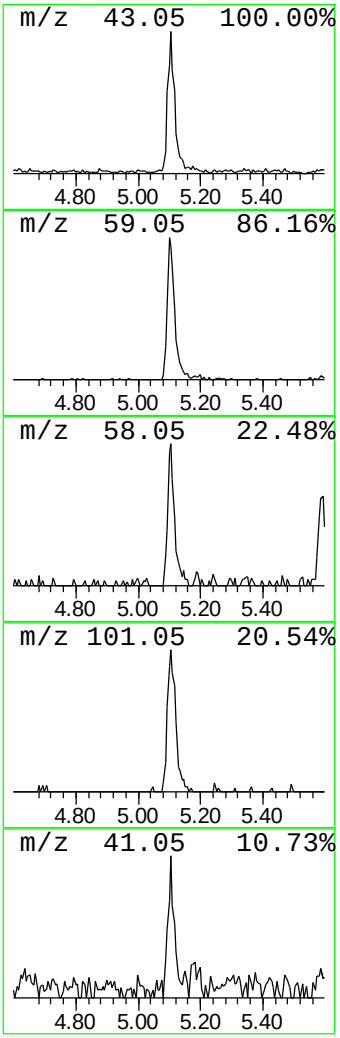
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.99 ng	86563	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
3	3-Octanol	130	C8H18O	000589-98-0	28
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





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Operator : UM/SJ
Sample : H4925-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

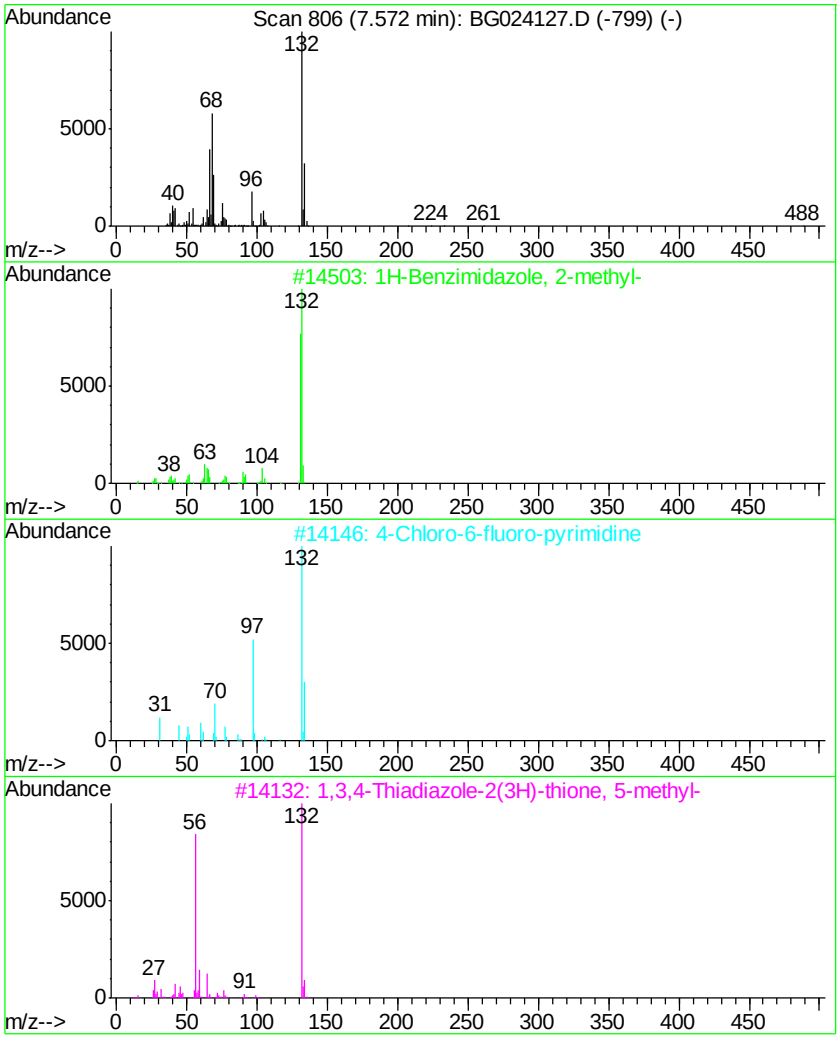
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

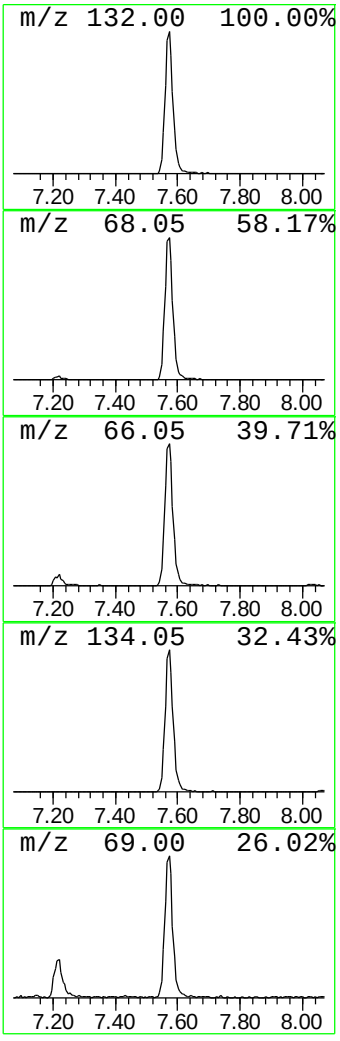
****

Peak Number 2 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	90.70 ng	1574470	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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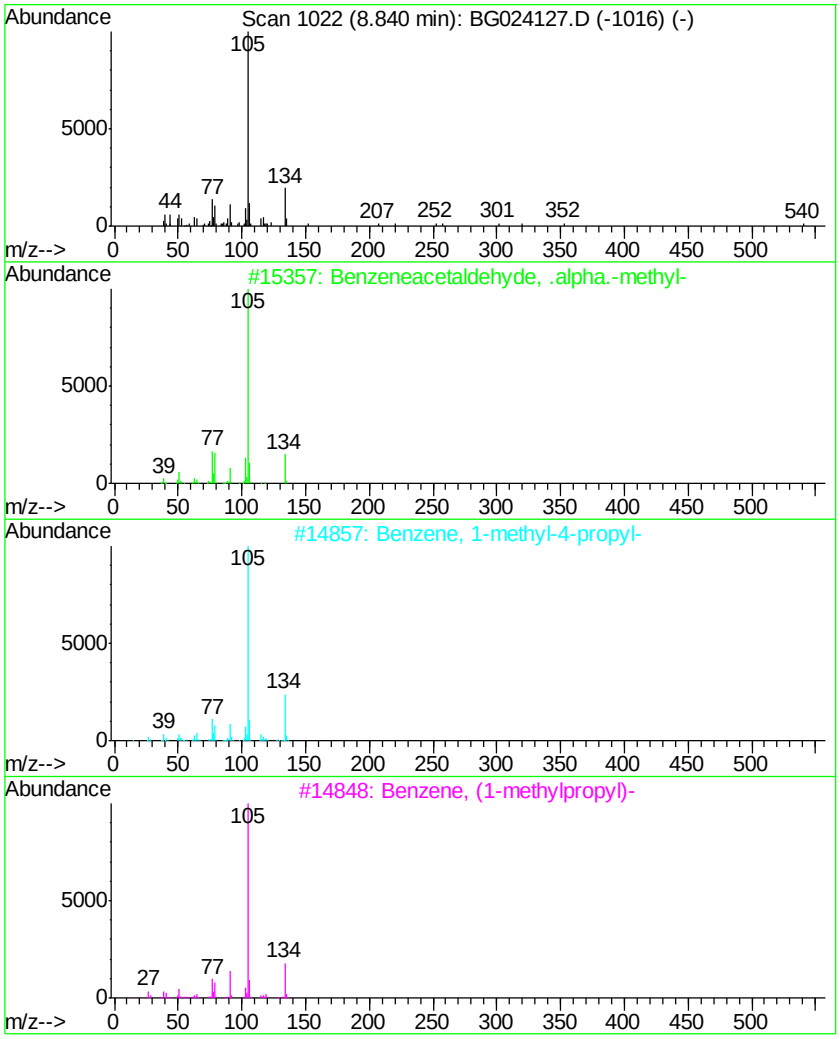
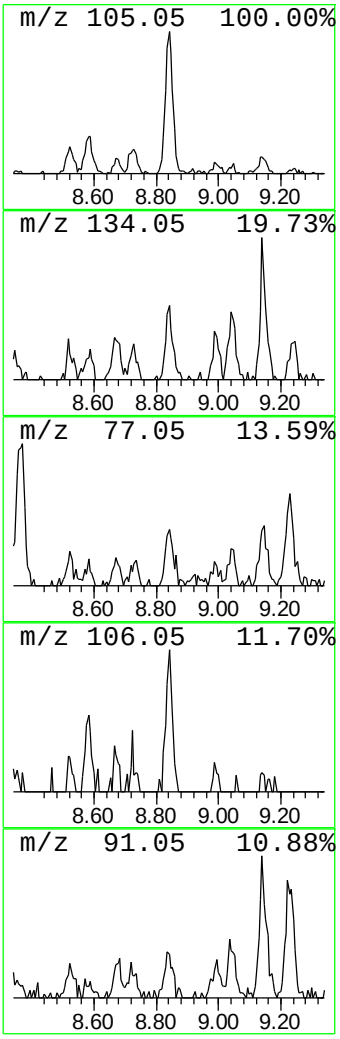
****
Peak Number 4 Benzeneacetaldehyde, .alpha... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	4.58 ng	79524	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	81
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	74





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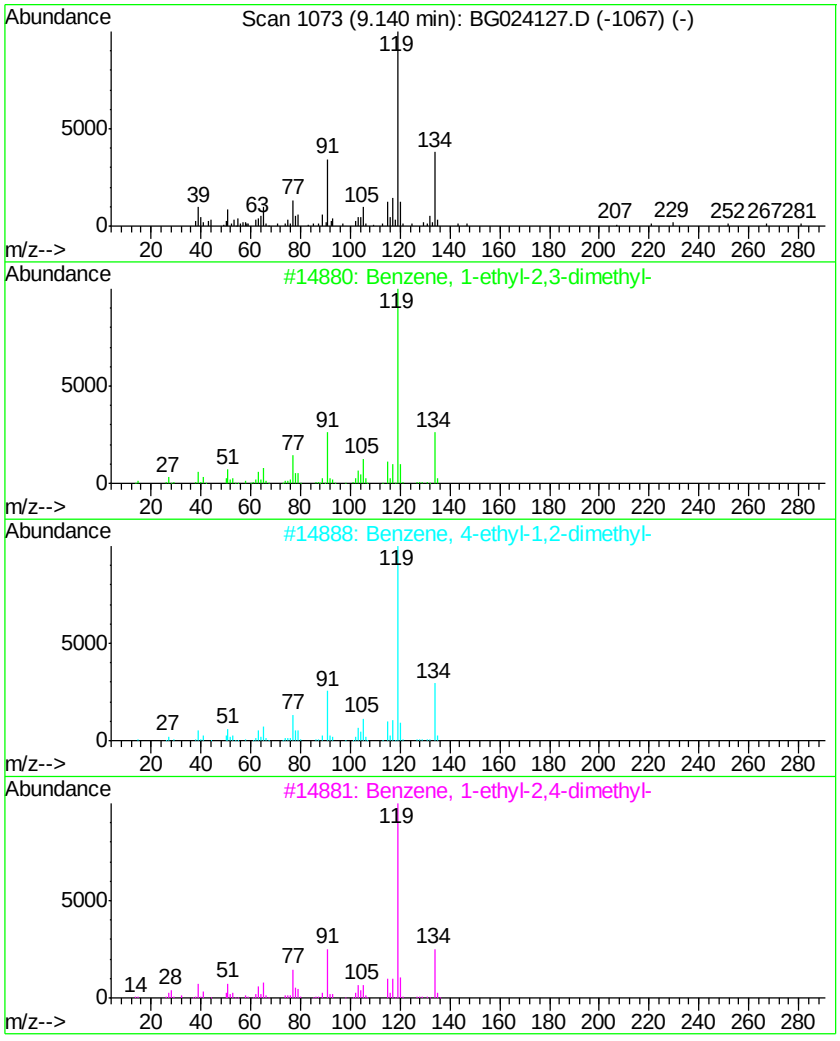
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

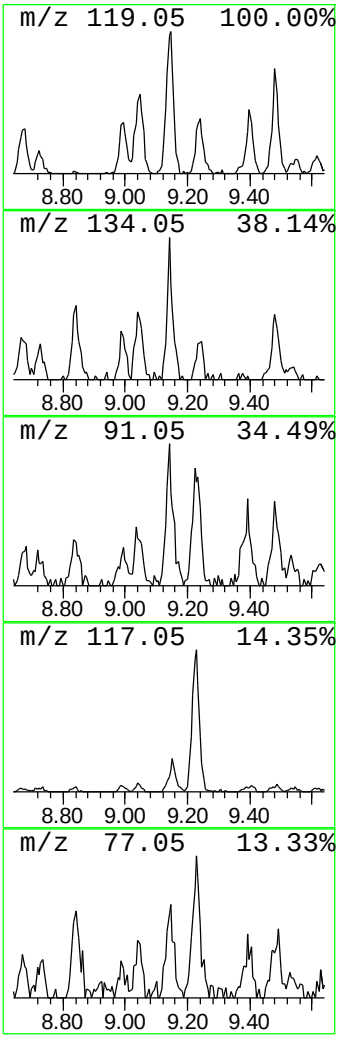
****

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	5.53 ng	95936	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Sample : H4925-01
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Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

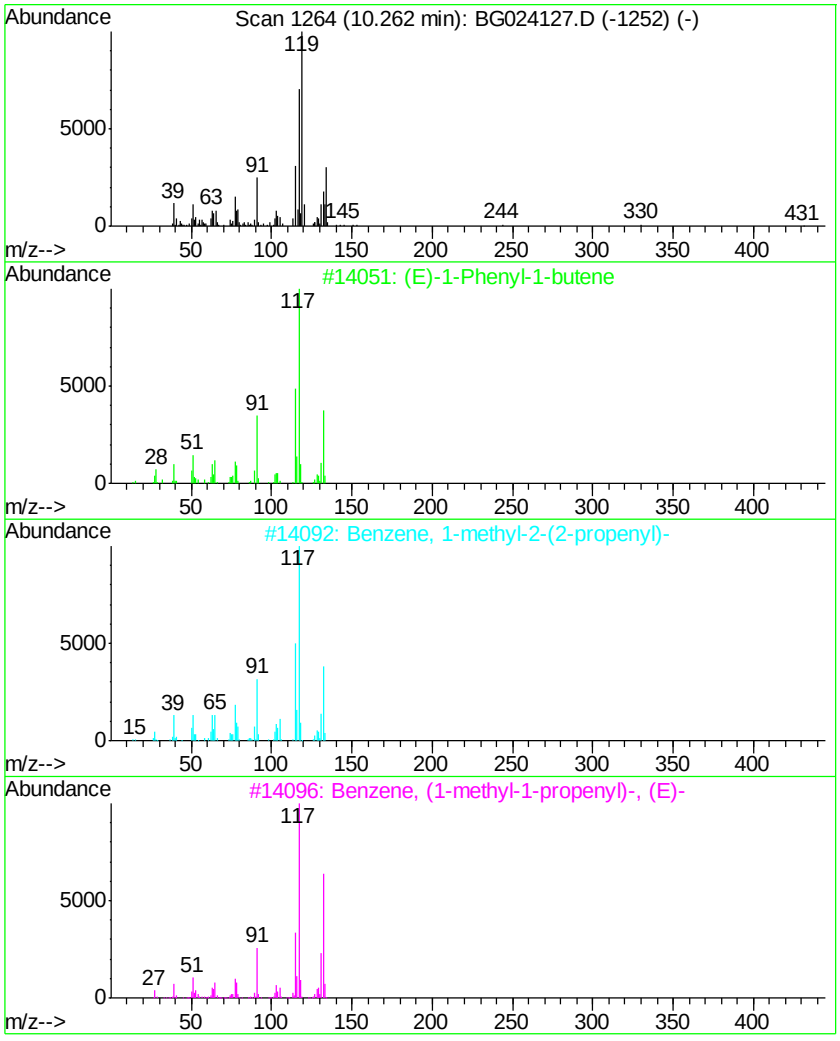
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

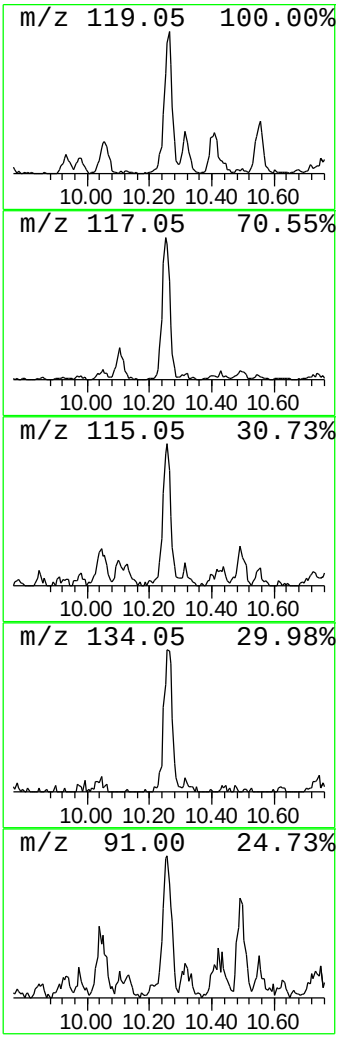
****

Peak Number 6 (E)-1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	7.72 ng	316294	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	70
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	50





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Sample : H4925-01
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

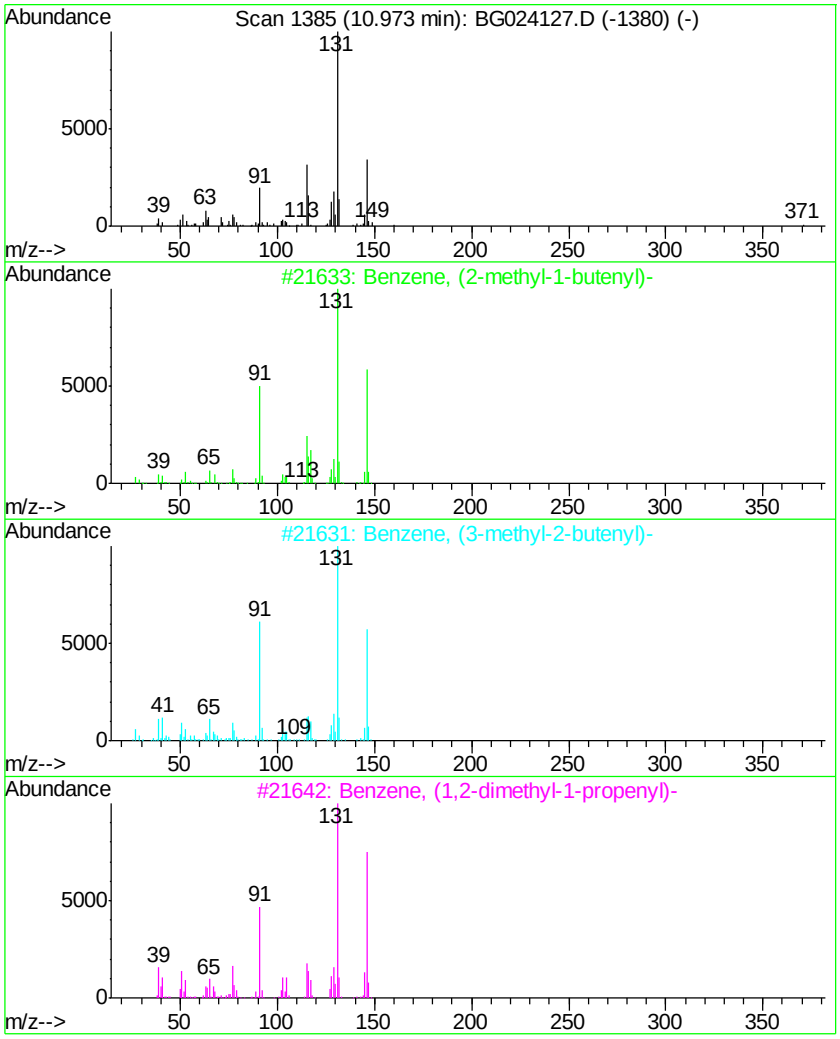
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

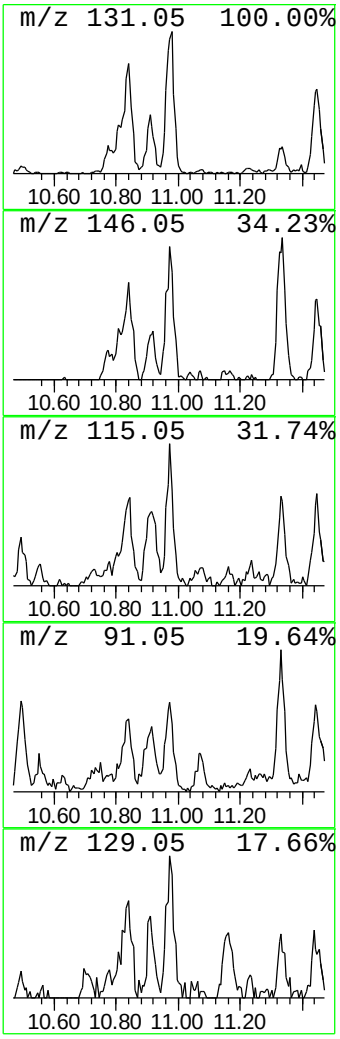
****

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	5.38 ng	220720	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





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Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

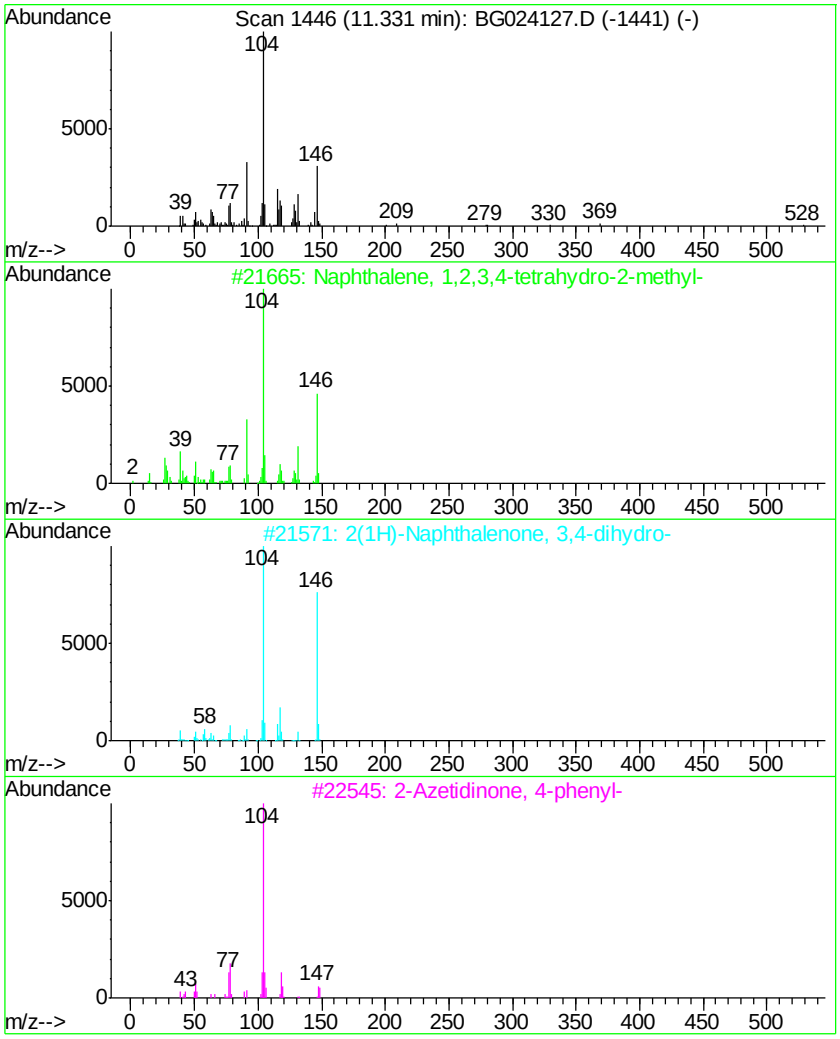
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

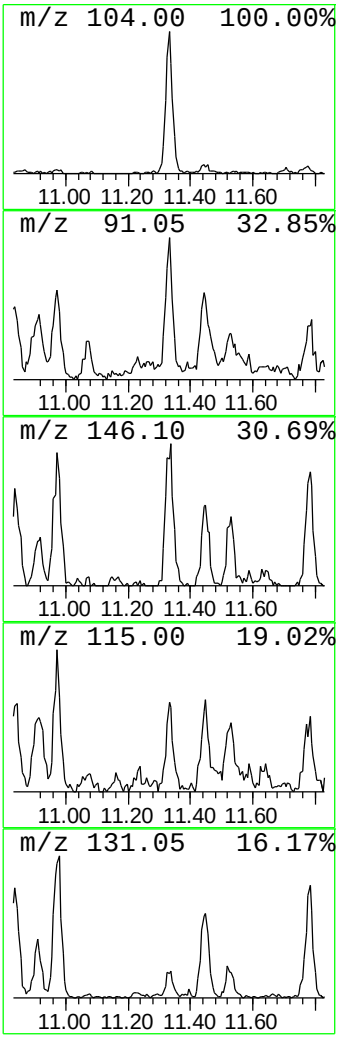
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	4.85 ng	198879	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	86
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	64
3	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	52
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	47





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Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

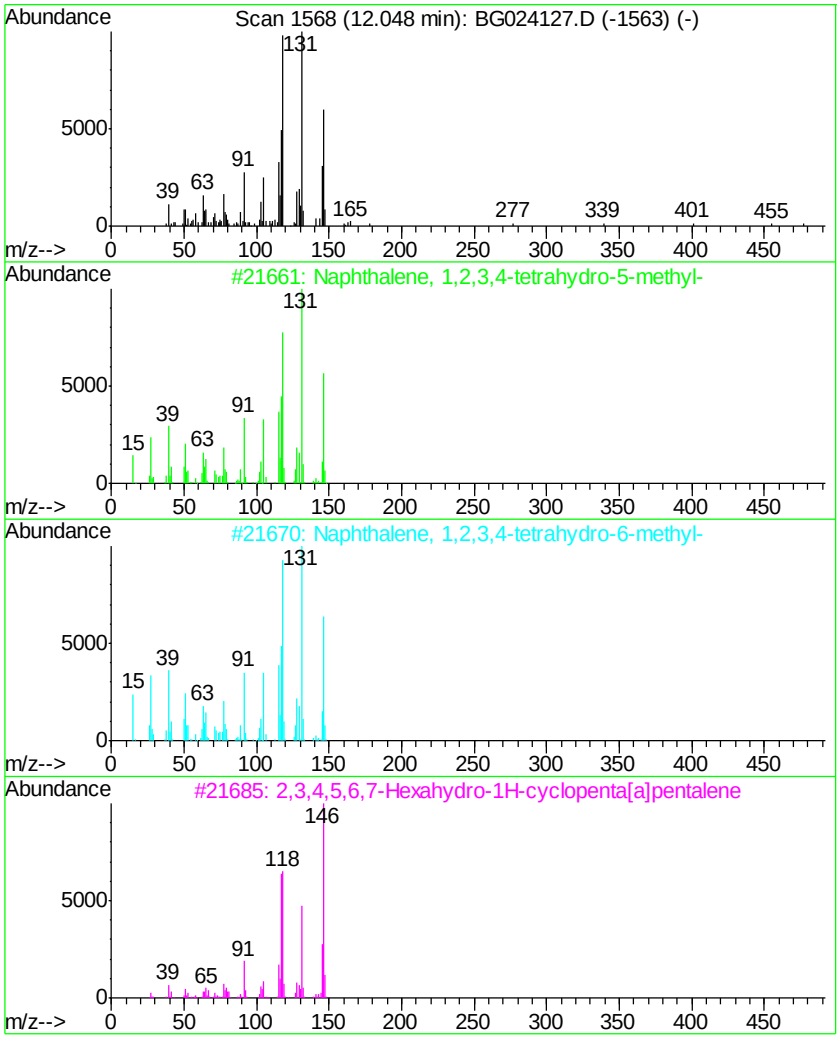
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

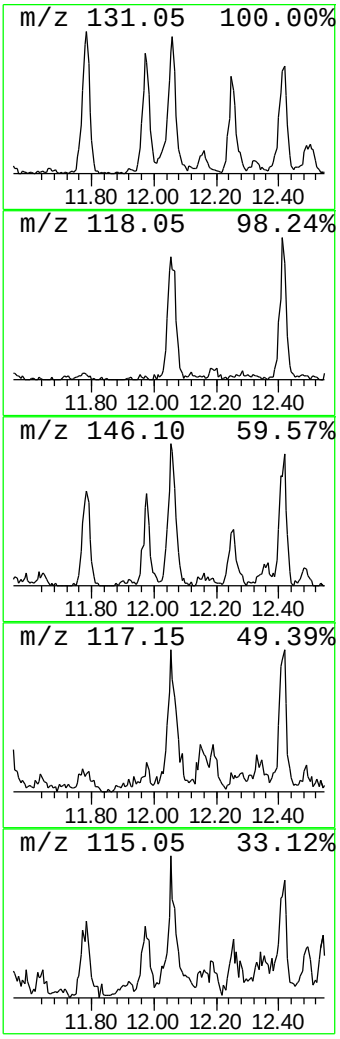
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.35 ng	219204	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	76
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	43





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Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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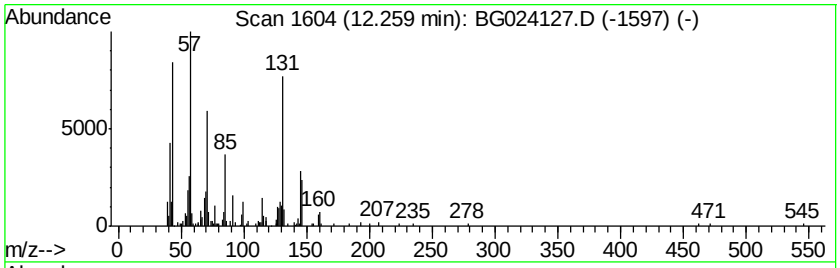
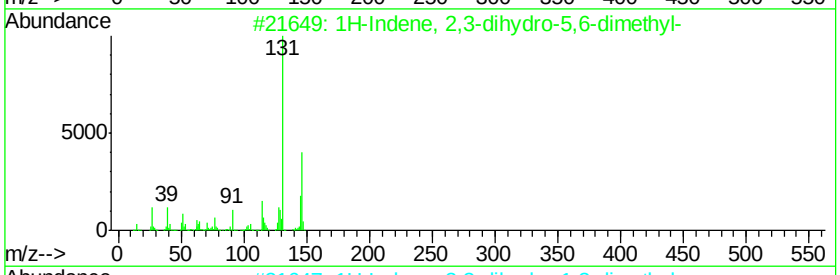
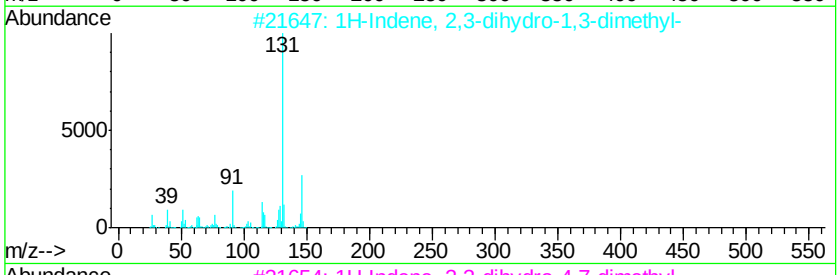
Peak Number 10 unknown12.26 Concentration Rank 9

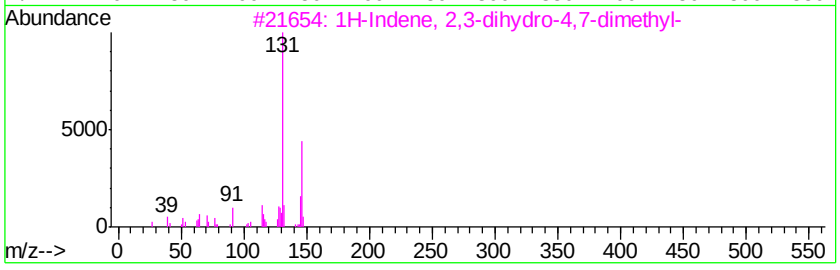
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	5.55 ng	227453	Naphthalene-d8	10.87

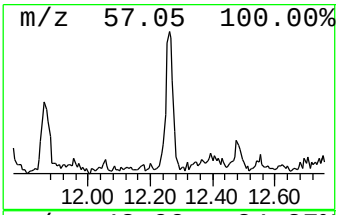
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	49
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	49
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	49
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	49

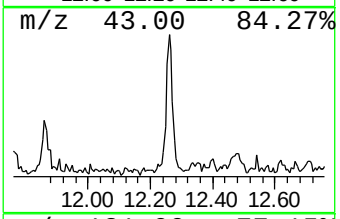


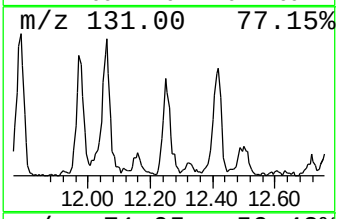


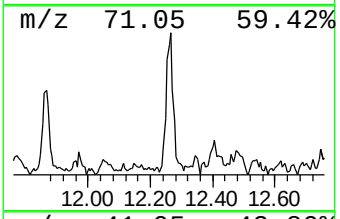


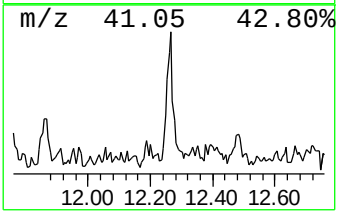












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

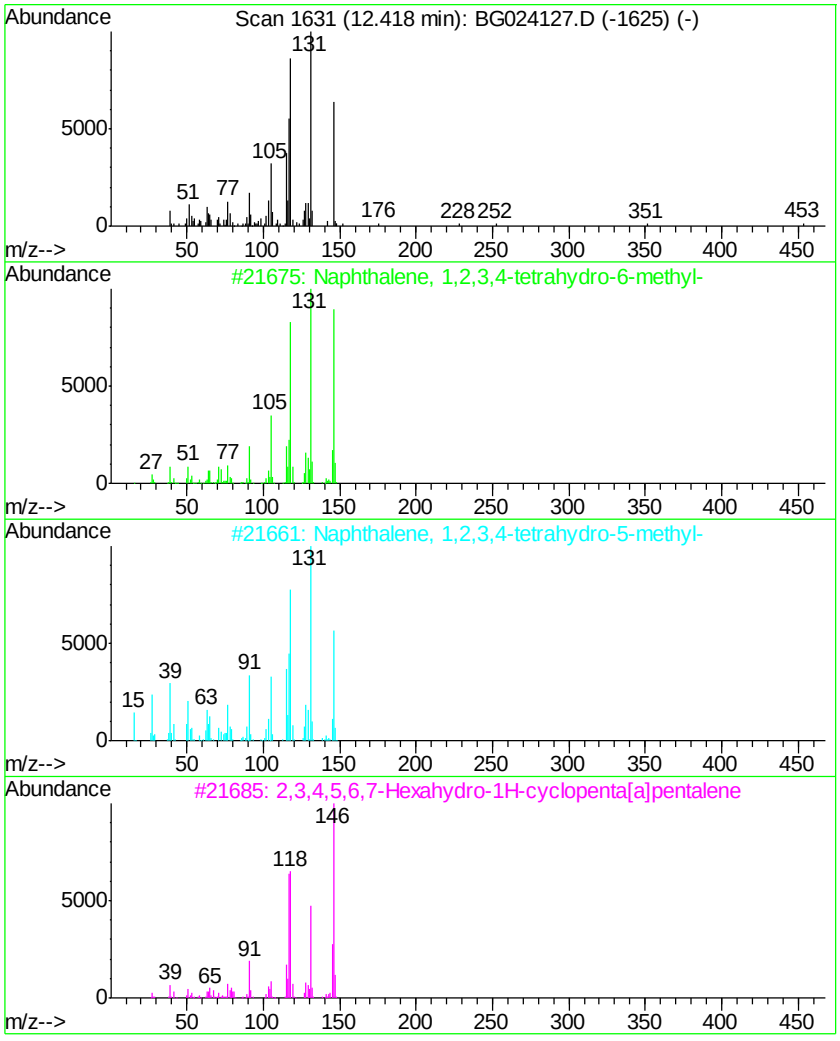
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

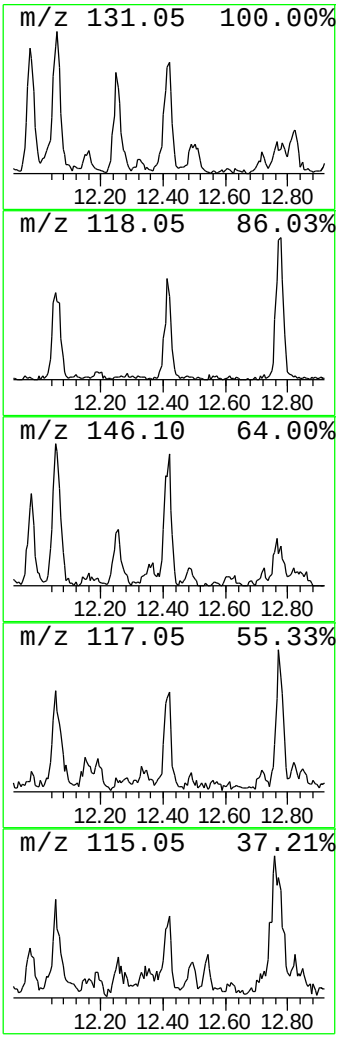
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.98 ng	204084	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	86
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	68
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	46
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	43





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Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

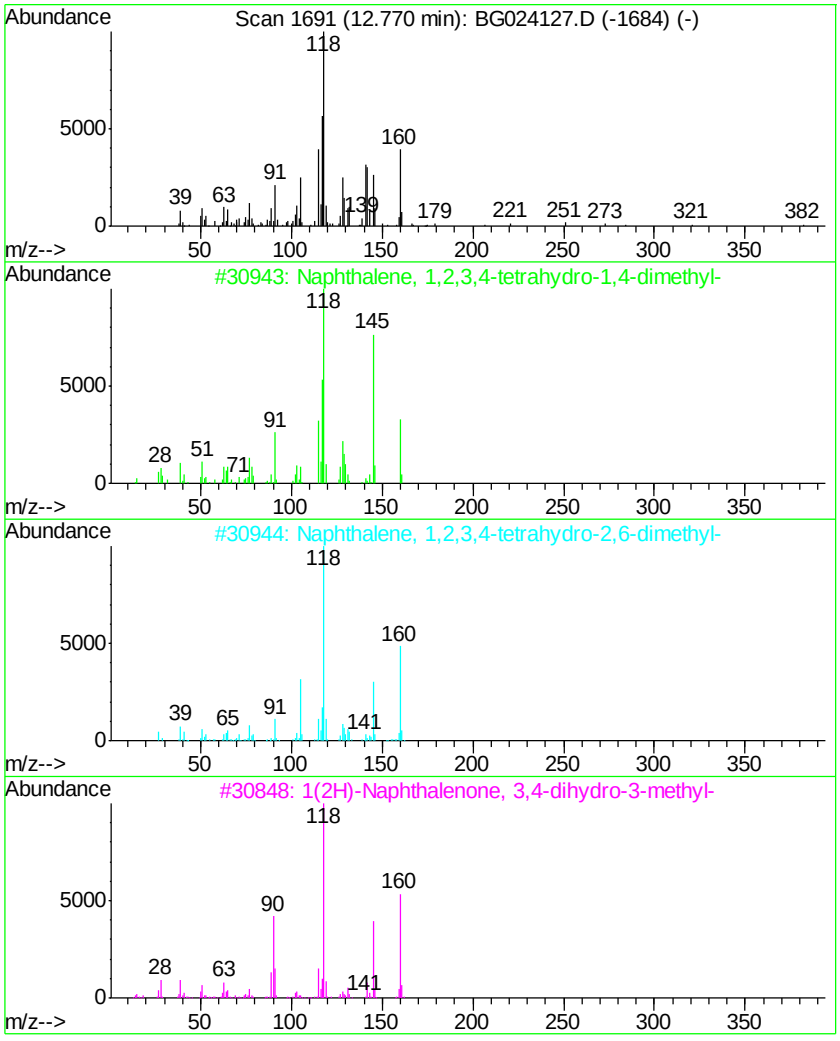
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

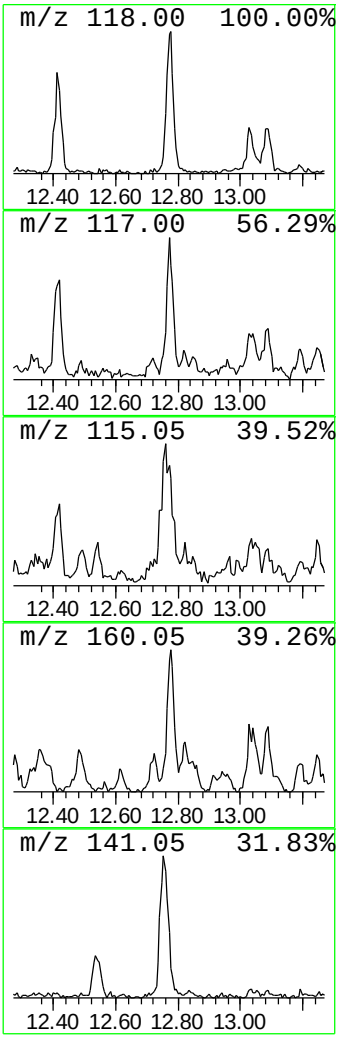
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	7.43 ng	304674	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	46
4	3-Buten-2-one, 3-methyl-4-phenyl-	160	C11H12O	001901-26-4	43
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	35





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Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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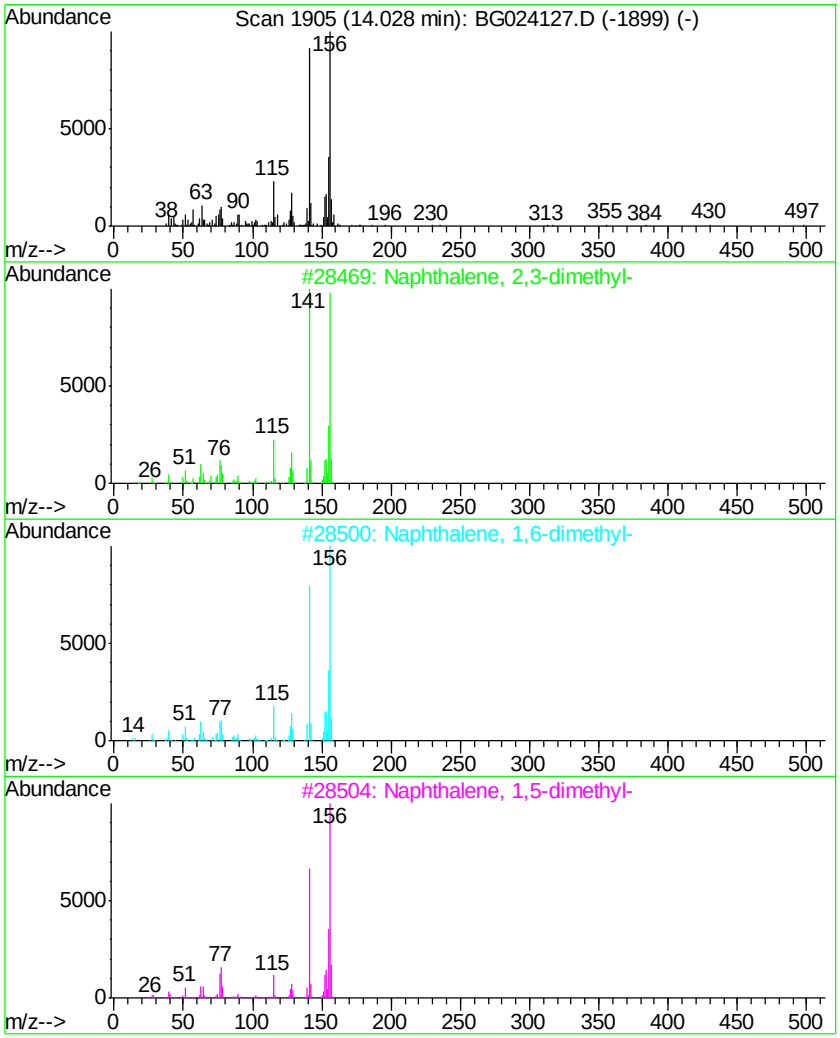
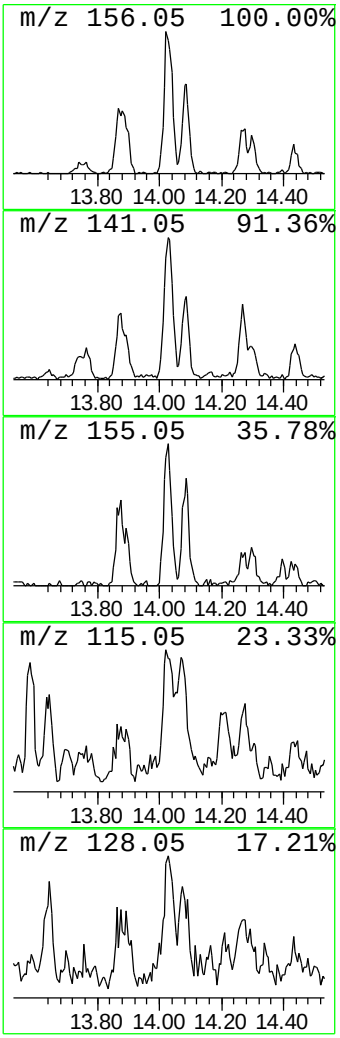
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	7.66 ng	374366	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





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Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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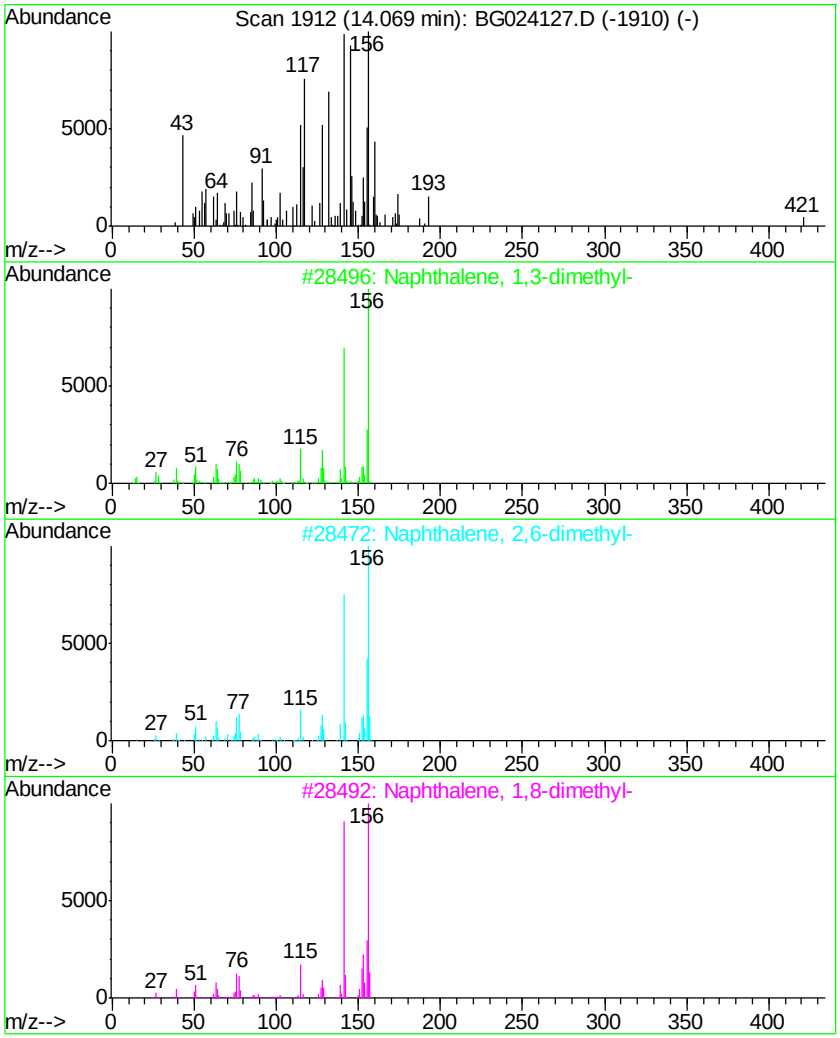
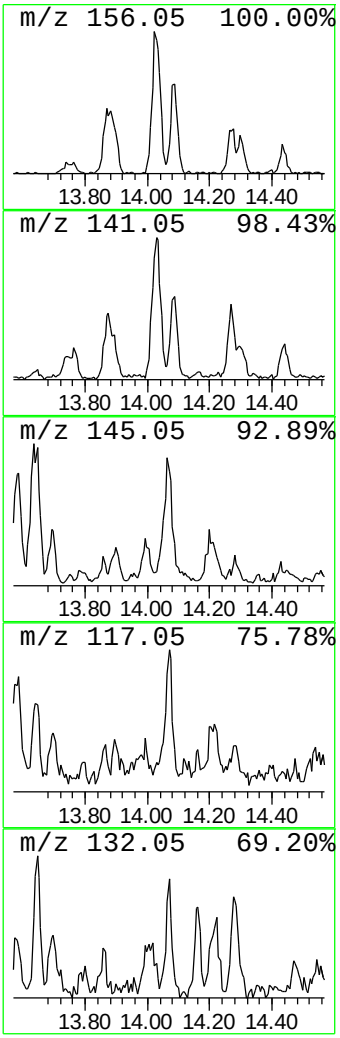
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.99 ng	243956	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	68
3	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	58
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	58
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	52





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Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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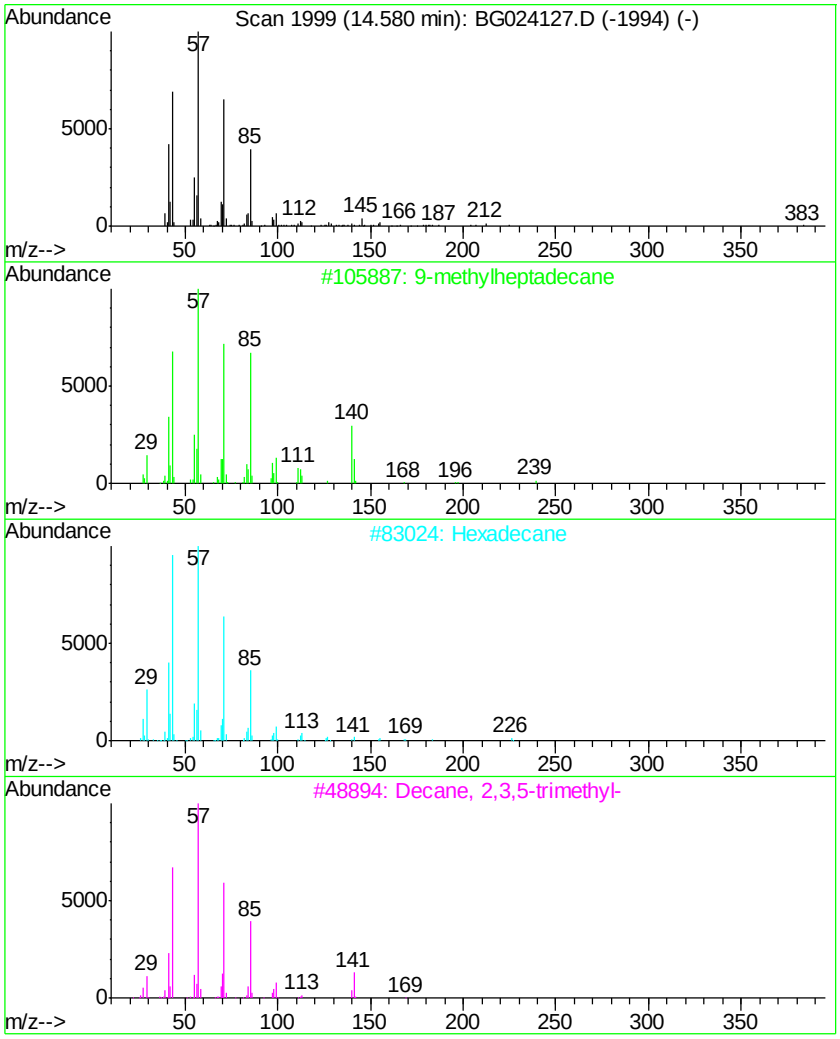
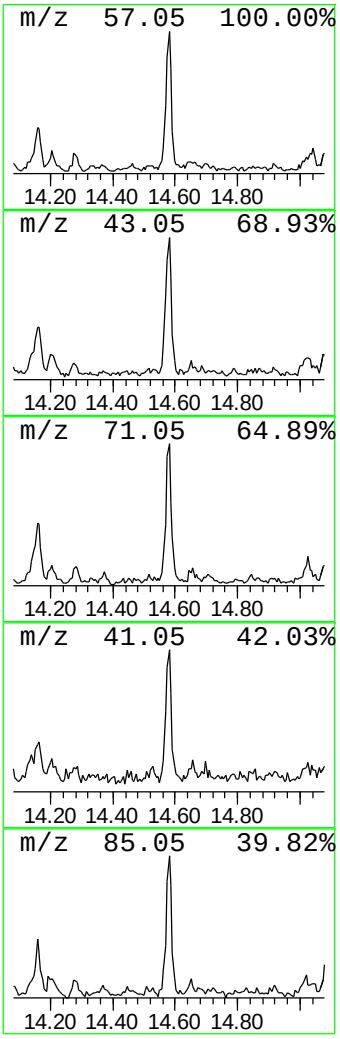
Peak Number 15 9-methylheptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.21 ng	254680	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-methylheptadecane	254	C18H38	026741-18-4	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	78
5	Heneicosane	296	C21H44	000629-94-7	78





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

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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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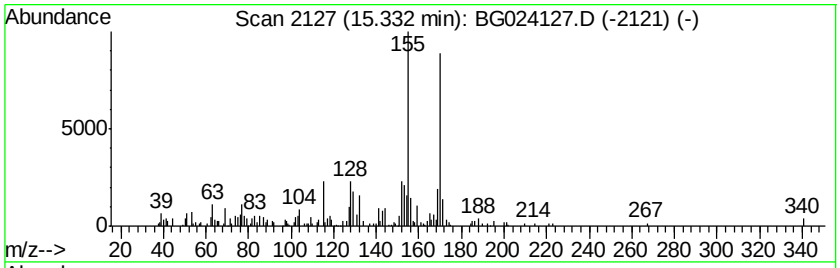
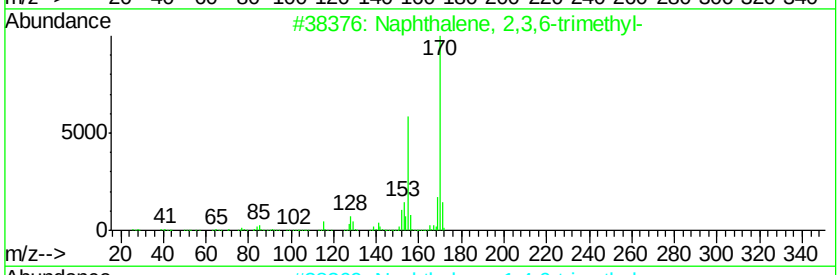
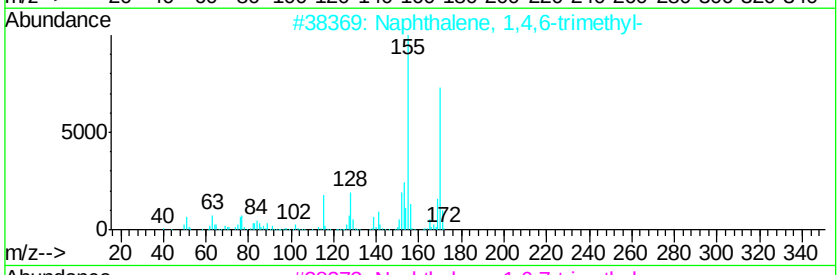
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

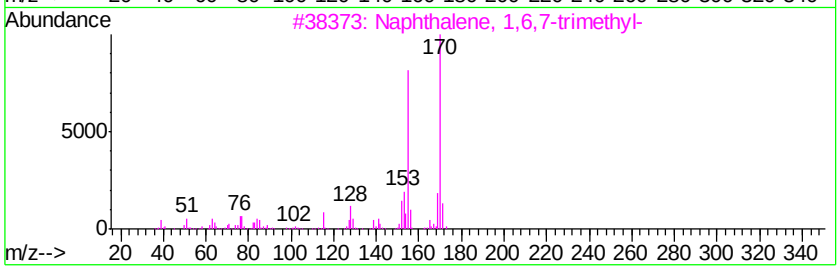
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	4.70 ng	229814	Acenaphthene-d10	14.71

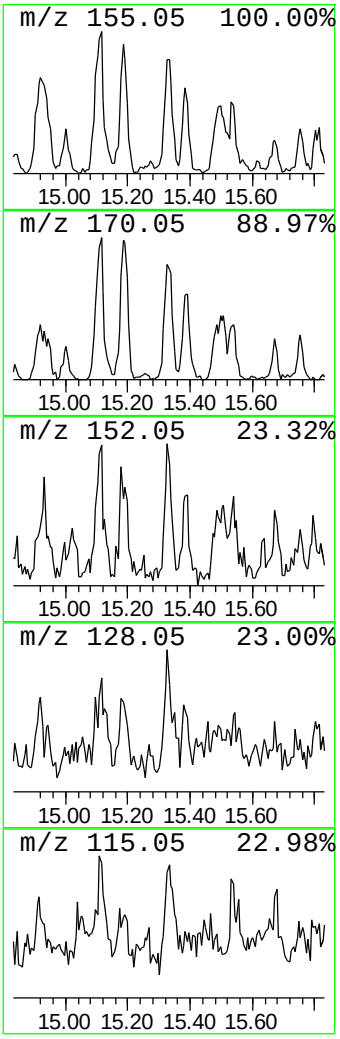
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	70
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	68











Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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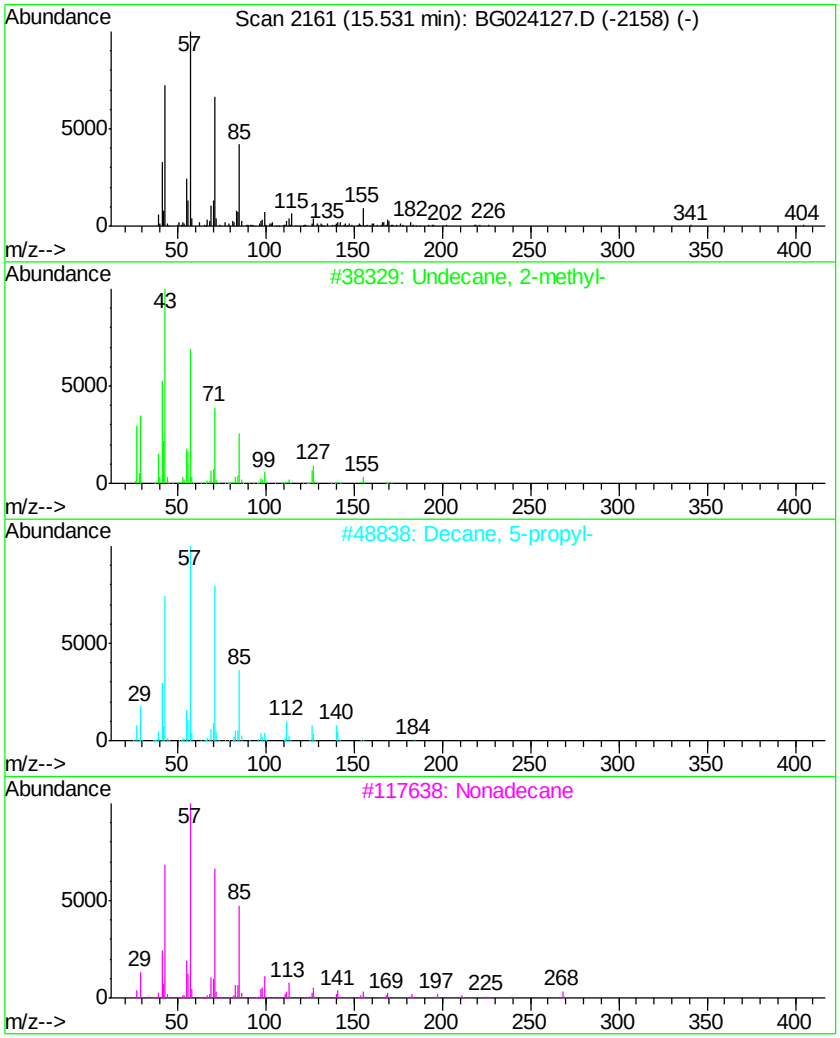
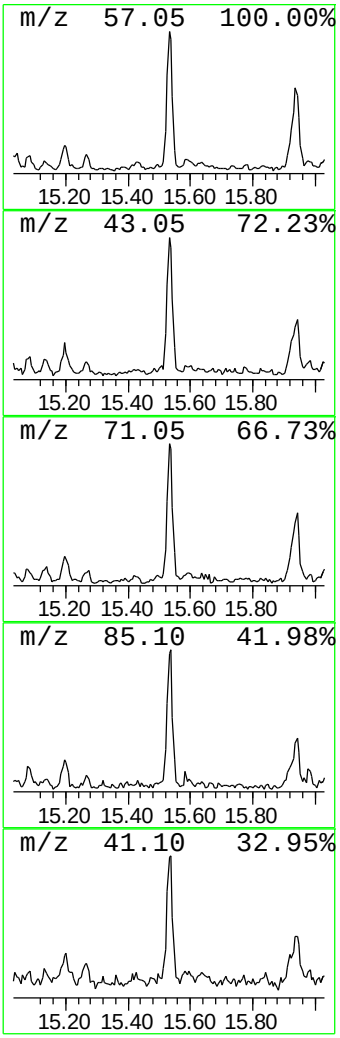
Peak Number 17 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	6.77 ng	330941	Acenaphthene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	87
3	Nonadecane	268	C19H40	000629-92-5	80
4	Heptadecane	240	C17H36	000629-78-7	78
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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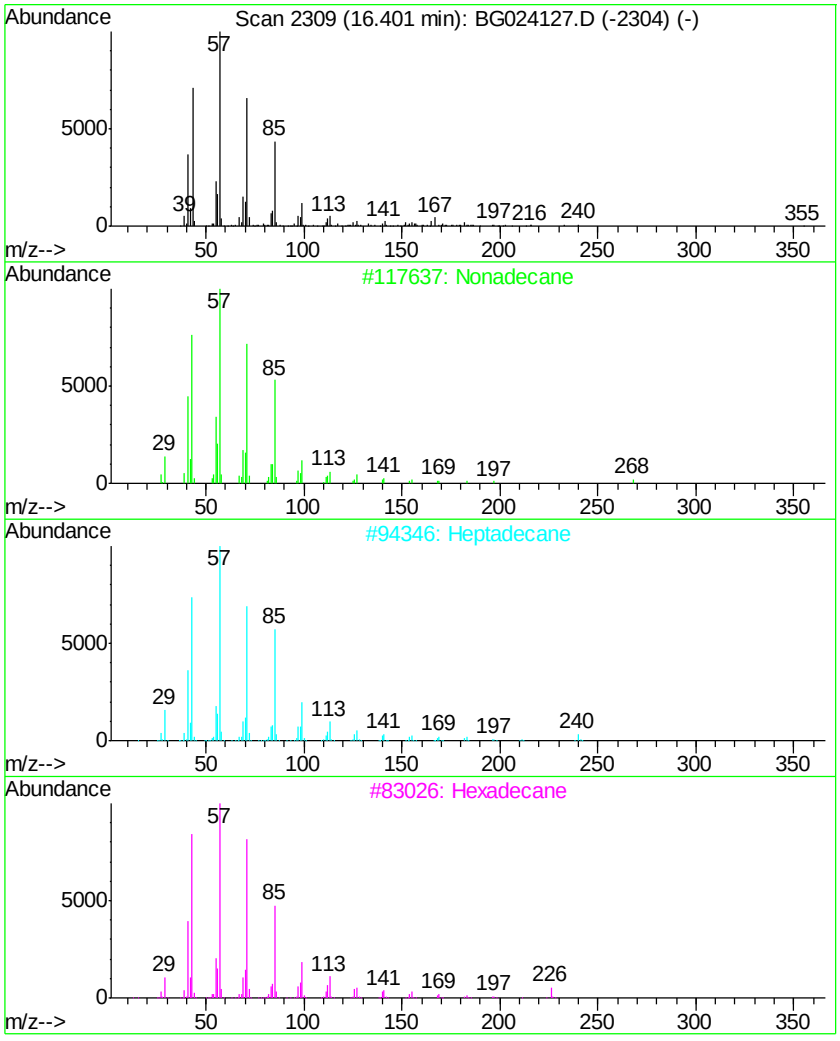
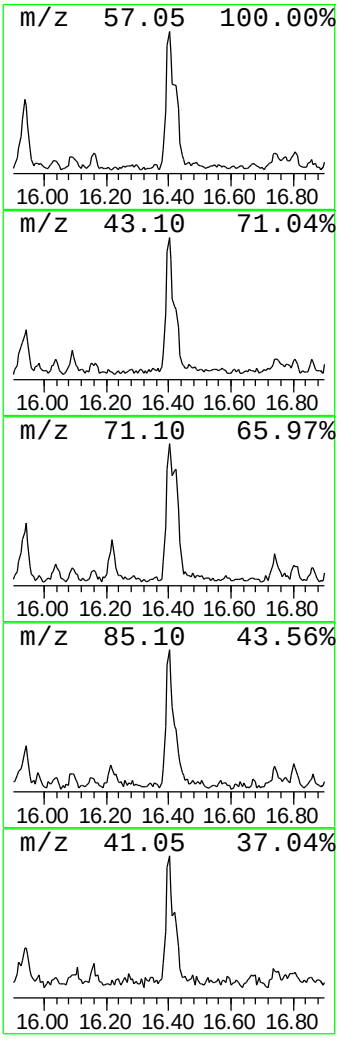
Peak Number 18 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	8.46 ng	426000	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Dodecane	170	C12H26	000112-40-3	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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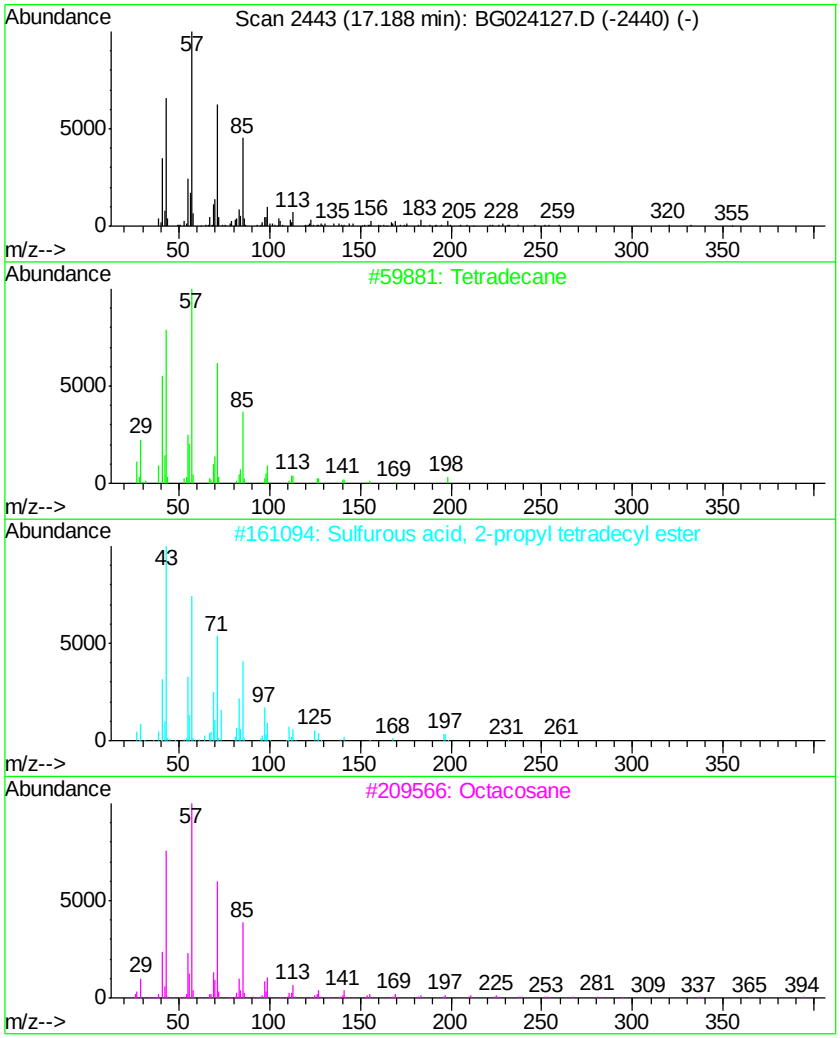
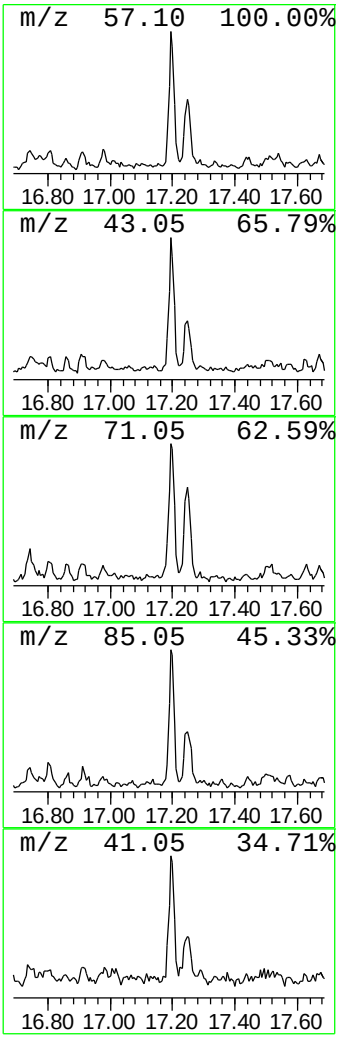
Peak Number 19 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	5.42 ng	272782	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
3	Octacosane	394	C28H58	000630-02-4	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





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Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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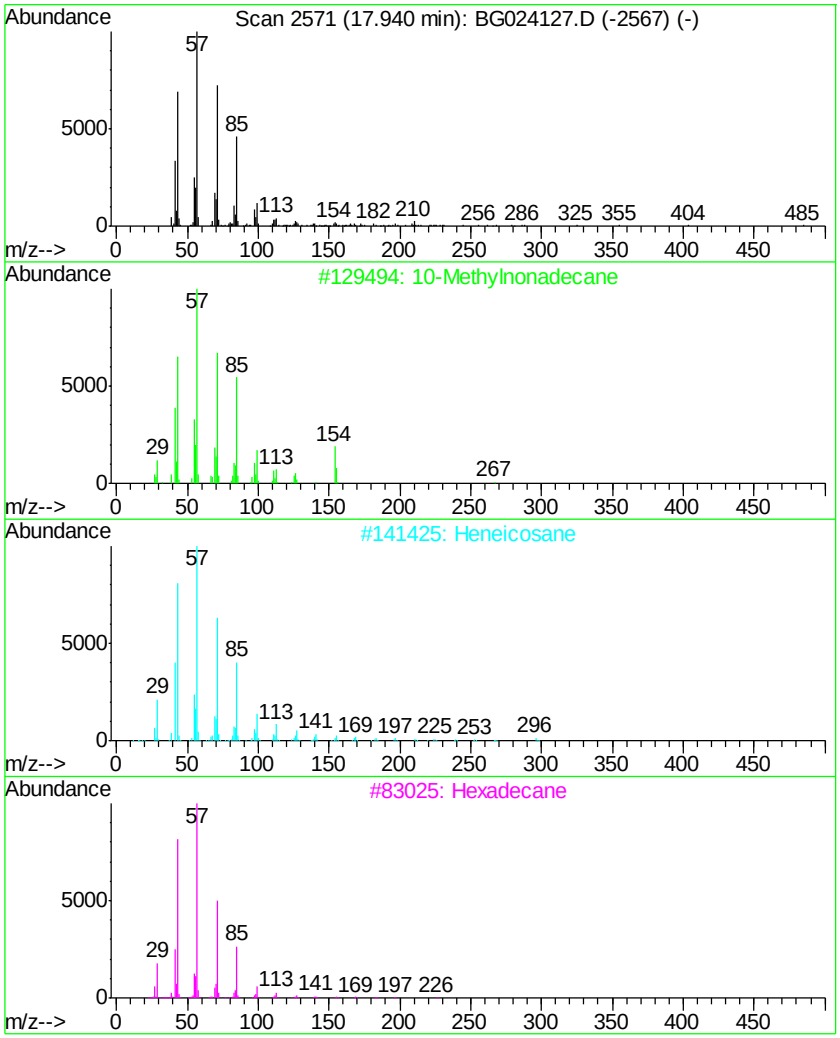
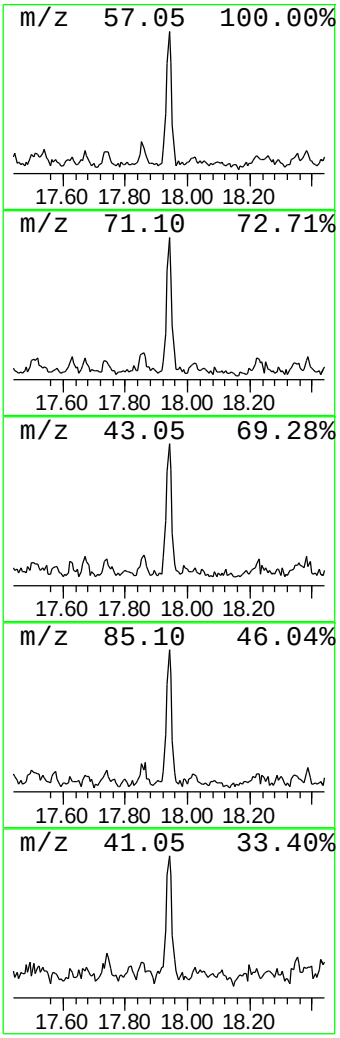
Peak Number 20 10-Methylnonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.76 ng	290316	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hexadecane	226	C16H34	000544-76-3	81
4	Nonadecane	268	C19H40	000629-92-5	78
5	Hexacosane	366	C26H54	000630-01-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024127.D
Acq On : 24 Sep 2016 17:07
Operator : UM/SJ
Sample : H4925-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FORMER-POTABLE-WELL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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
2-Pentanone, 4-hy...	5.10	5.0	ng	86563	1	8.04	347192	20.0
unknown7.57	7.57	90.7	ng	1574470	1	8.04	347192	20.0
Benzeneacetaldehy...	8.84	4.6	ng	79524	1	8.04	347192	20.0
Benzene, 1-ethyl-...	9.14	5.5	ng	95936	1	8.04	347192	20.0
(E)-1-Phenyl-1-bu...	10.26	7.7	ng	316294	2	10.87	819773	20.0
Benzene, (2-methy...	10.97	5.4	ng	220720	2	10.87	819773	20.0
Naphthalene, 1,2,...	11.33	4.8	ng	198879	2	10.87	819773	20.0
Naphthalene, 1,2,...	12.05	5.3	ng	219204	2	10.87	819773	20.0
unknown12.26	12.26	5.5	ng	227453	2	10.87	819773	20.0
Naphthalene, 1,2,...	12.42	5.0	ng	204084	2	10.87	819773	20.0
Naphthalene, 1,2,...	12.77	7.4	ng	304674	2	10.87	819773	20.0
Naphthalene, 2,3-...	14.03	7.7	ng	374366	3	14.71	978015	20.0
Naphthalene, 1,3-...	14.07	5.0	ng	243956	3	14.71	978015	20.0
9-methylheptadecane	14.58	5.2	ng	254680	3	14.71	978015	20.0
Naphthalene, 2,3,...	15.33	4.7	ng	229814	3	14.71	978015	20.0
Undecane, 2-methyl-	15.53	6.8	ng	330941	3	14.71	978015	20.0
Nonadecane	16.40	8.5	ng	426000	4	17.48	1007250	20.0
Tetradecane	17.19	5.4	ng	272782	4	17.48	1007250	20.0
10-Methylnonadecane	17.94	5.8	ng	290316	4	17.48	1007250	20.0