LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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	3.167	8	13	23	rVB	102303	172826	3.78%	0.306%
2	5.106	336	343	354	rBV	96311	158823	3.48%	0.281%
3	5.599	418	427	439	rBV	434304	772237	16.90%	1.368%
4	7.203	694	700	710	rVB	455593	845902	18.52%	1.498%
5	7.550	753	759	771	rVB	530315	983803	21.53%	1.743%
6	7.979	827	832	834	rBV	75408	116042	2.54%	0.206%
7	8.073	842	848	853	rVB4	61006	117286	2.57%	0.208%
8	8.190	863	868	872	rBV3	90057	125374	2.74%	0.222%
9	8.290	881	885	887	rVV2	115488	191242	4.19%	0.339%
10	8.325	887	891	903	rVB	379728	784559	17.17%	1.390%
11	8.437	904	910	916	rBV5	62488	126074	2.76%	0.223%
12	8.695	948	954	959	rBV4	57266	113844	2.49%	0.202%
13	8.836	967	978	983	rBV4	98826	224224	4.91%	0.397%
14	9.113	1014	1025	1030	rBV2	298011	638419	13.97%	1.131%
15	9.165	1030	1034	1038	rVV	255982	495407	10.84%	0.878%
16	9.201	1038	1040	1048	rVV	170018	263552	5.77%	0.467%
17	9.271	1048	1052	1056	rVB	82469	127938	2.80%	0.227%
18	9.324	1056	1061	1064	rBV2	133642	257740	5.64%	0.457%
19	9.365	1064	1068	1075	rVB2	171505	288026	6.30%	0.510%
20	9.471	1076	1086	1096	rBV6	127658	432579	9.47%	0.766%
21	9.589	1097	1106	1110	rBV5	68622	176511	3.86%	0.313%
22	9.641	1110	1115	1120	rBV4	201690	396862	8.69%	0.703%
23	9.700	1120	1125	1127	rVV	172831	289567	6.34%	0.513%
24	9.730	1127	1130	1134	rVB2	180399	249307	5.46%	0.442%
25	9.771	1134	1137	1148	rVB3	83054	167901	3.68%	0.297%
26	9.888	1149	1157	1160	rBV4	183493	415325	9.09%	0.736%
27	9.929	1160	1164	1169	rVB	346401	537780	11.77%	0.953%
28	9.988	1169	1174	1181	rBV5	315230	611730	13.39%	1.084%
29	10.053	1181	1185	1188	rBV4	74772	115436	2.53%	0.204%
30	10.217	1207	1213	1216	rBV3	111032	229482	5.02%	0.407%
31	10.252	1216	1219	1225	rVB5	81921	199507	4.37%	0.353%
32	10.388	1234	1242	1252	rBV6	144725	447979	9.81%	0.794%
33	10.511	1258	1263	1271	rBV3	133657	305985	6.70%	0.542%
34	10.587	1271	1276	1280	rVV5	86124	149031	3.26%	0.264%

LSC Area Percent Report

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Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.705	1292	1296	1303	rVB3	260587	440195	9.64%	0.780%
36	10.770	1303	1307	1309	rBV3	180483	261932	5.73%	0.464%
37	10.928	1330	1334	1337	rBV4	133953	227778	4.99%	0.403%
38	10.969	1337	1341	1346	rVB	641851	971694	21.27%	1.721%
39	11.028	1347	1351	1360	rBV5	204167	496246	10.86%	0.879%
40	11.187	1373	1378	1381	rBV3	97846	209457	4.58%	0.371%
41	11.363	1404	1408	1416	rVB5	127582	270200	5.91%	0.479%
42	11.469	1422	1426	1428	rVV2	190398	290391	6.36%	0.514%
43	11.516	1429	1434	1441	rVV2	556392	1216841	26.64%	2.156%
44	11.580	1441	1445	1450	rVV5	143977	311575	6.82%	0.552%
45	11.645	1451	1456	1463	rVV5	226791	416537	9.12%	0.738%
46	11.745	1466	1473	1478	rVB6	189842	426212	9.33%	0.755%
47	11.833	1483	1488	1492	rBV	1085161	1743532	38.16%	3.089%
48	11.997	1512	1516	1523	rVB5	152868	323871	7.09%	0.574%
49	12.133	1536	1539	1546	rVB7	123106	185548	4.06%	0.329%
50	12.209	1548	1552	1555	rVV	234796	346777	7.59%	0.614%
51	12.250	1556	1559	1565	rVV6	136403	262826	5.75%	0.466%
52	12.309	1565	1569	1573	rVV3	144475	286795	6.28%	0.508%
53	12.356	1574	1577	1581	rVB2	216259	318119	6.96%	0.564%
54	12.438	1586	1591	1599	rVB4	392236	943478	20.65%	1.671%
55	12.538	1605	1608	1613	rBV4	92436	165879	3.63%	0.294%
56	12.703	1626	1636	1643	rVB5	252421	887106	19.42%	1.571%
57	12.802	1649	1653	1656	rBV3	125839	194479	4.26%	0.345%
58	12.849	1657	1661	1665	rVV3	233084	368782	8.07%	0.653%
59	12.920	1666	1673	1678	rVB	530802	957671	20.96%	1.696%
60	13.126	1705	1708	1711	rBV2	110144	176390	3.86%	0.312%
61	13.178	1712	1717	1722	rVV	1273830	1896313	41.51%	3.359%
62	13.261	1726	1731	1737	rVB	844584	1363897	29.85%	2.416%
63	13.484	1765	1769	1773	rVB3	382205	521801	11.42%	0.924%
64	13.549	1778	1780	1782	rBV	105541	110294	2.41%	0.195%
65	13.625	1790	1793	1797	rVB3	251227	343173	7.51%	0.608%
66	13.666	1797	1800	1802	rVV3	120807	164455	3.60%	0.291%
67	13.695	1802	1805	1812	rVB4	223983	395129	8.65%	0.700%
68	13.801	1819	1823	1828	rBV2	228492	400640	8.77%	0.710%
69	13.913	1838	1842	1845	rBV5	148605	272506	5.96%	0.483%
70	13.960	1846	1850	1855	rVV2	416712	781254	17.10%	1.384%
71	14.019	1856	1860	1864	rVB2	286004	457608	10.02%	0.811%

LSC Area Percent Report

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Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.119	1872	1877	1881	rVB	1962776	2737087	59.91%	4.849%
73	14.171	1881	1886	1900	rVB9	263607	978633	21.42%	1.734%
74	14.324	1909	1912	1916	rBV5	131954	171261	3.75%	0.303%
75	14.471	1933	1937	1942	rVB2	308286	483396	10.58%	0.856%
76	14.606	1956	1960	1962	rBV2	362904	531370	11.63%	0.941%
77	14.636	1962	1965	1972	rVB3	380458	638191	13.97%	1.131%
78	14.730	1978	1981	1984	rBV3	190606	208701	4.57%	0.370%
79	14.959	2018	2020	2024	rVB3	111228	117967	2.58%	0.209%
80	15.035	2028	2033	2041	rVV	519818	796685	17.44%	1.411%
81	15.111	2043	2046	2049	rVV	232419	272395	5.96%	0.483%
82	15.153	2049	2053	2065	rVB4	437354	828915	18.14%	1.468%
83	15.258	2067	2071	2075	rBV	259613	423741	9.28%	0.751%
84	15.305	2076	2079	2083	rVB	191995	224313	4.91%	0.397%
85	15.887	2173	2178	2184	rVB	1626528	2617358	57.29%	4.636%
86	16.052	2203	2206	2208	rBV4	121714	170679	3.74%	0.302%
87	16.134	2216	2220	2225	rVB	773508	1075513	23.54%	1.905%
88	16.369	2254	2260	2272	rVB	2707729	4568493	100.00%	8.093%
89	16.739	2321	2323	2329	rVB3	315192	447129	9.79%	0.792%
90	17.186	2394	2399	2410	rVB	1310618	2320034	50.78%	4.110%
91	17.379	2428	2432	2437	rBV3	439972	858203	18.79%	1.520%
92	17.791	2498	2502	2507	rVB	418637	612648	13.41%	1.085%
93	19.171	2734	2737	2742	rVB	99058	159073	3.48%	0.282%
94	19.994	2871	2877	2890	rVB	1771529	2460579	53.86%	4.359%
95	21.292	3093	3098	3105	rBV3	59310	134956	2.95%	0.239%
96	21.645	3152	3158	3173	rVB2	314399	577786	12.65%	1.024%
97	23.108	3397	3407	3413	rBV4	74558	175923	3.85%	0.312%
98	23.901	3536	3542	3551	rVB3	62536	128627	2.82%	0.228%
99	24.835	3691	3701	3716	rVB3	240281	692013	15.15%	1.226%
100	25.946	3882	3890	3899	rVB4	36471	104170	2.28%	0.185%

Sum of corrected areas: 56451520

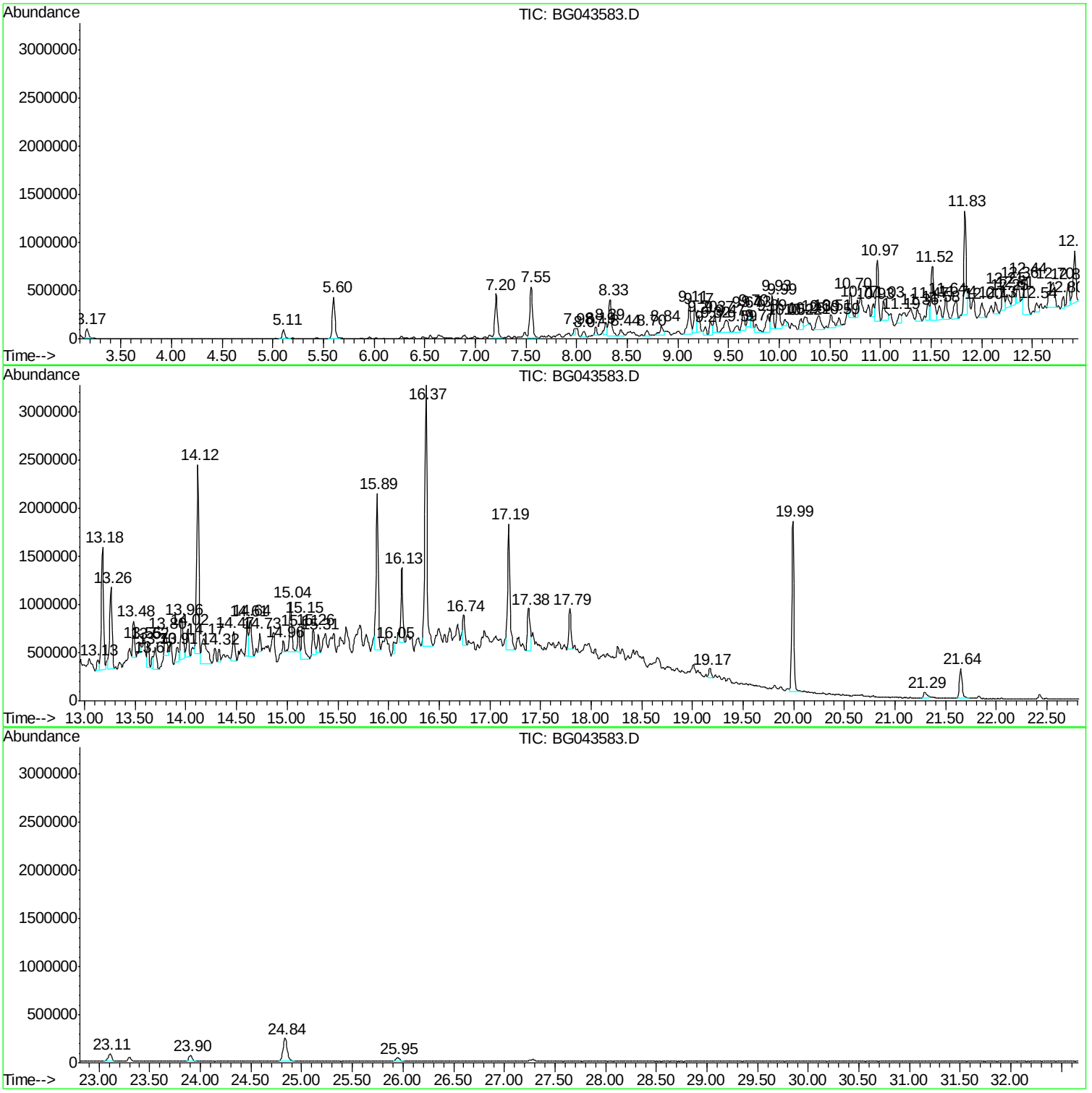
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
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Sample : K5742-07
Misc :
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

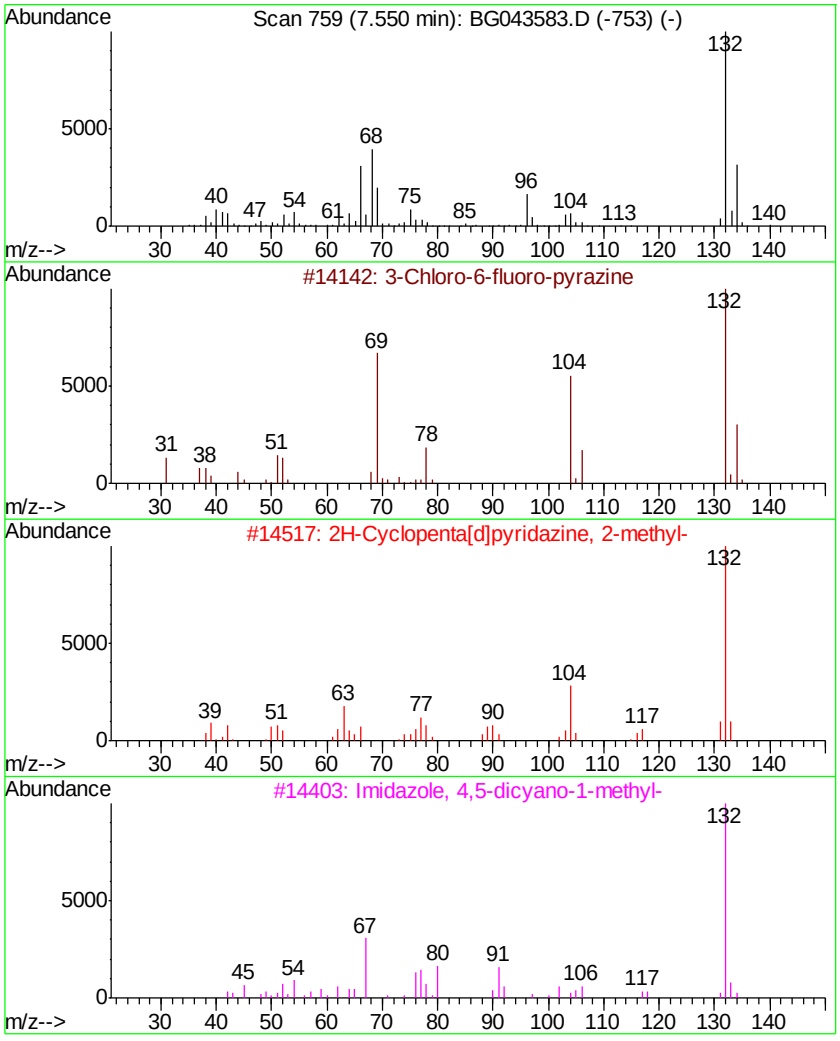
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

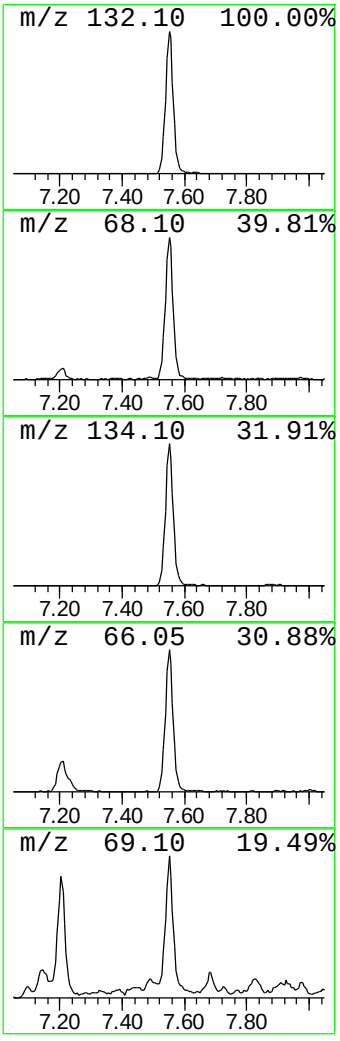
****

Peak Number 1 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	169.56 ng	983803	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
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Sample : K5742-07
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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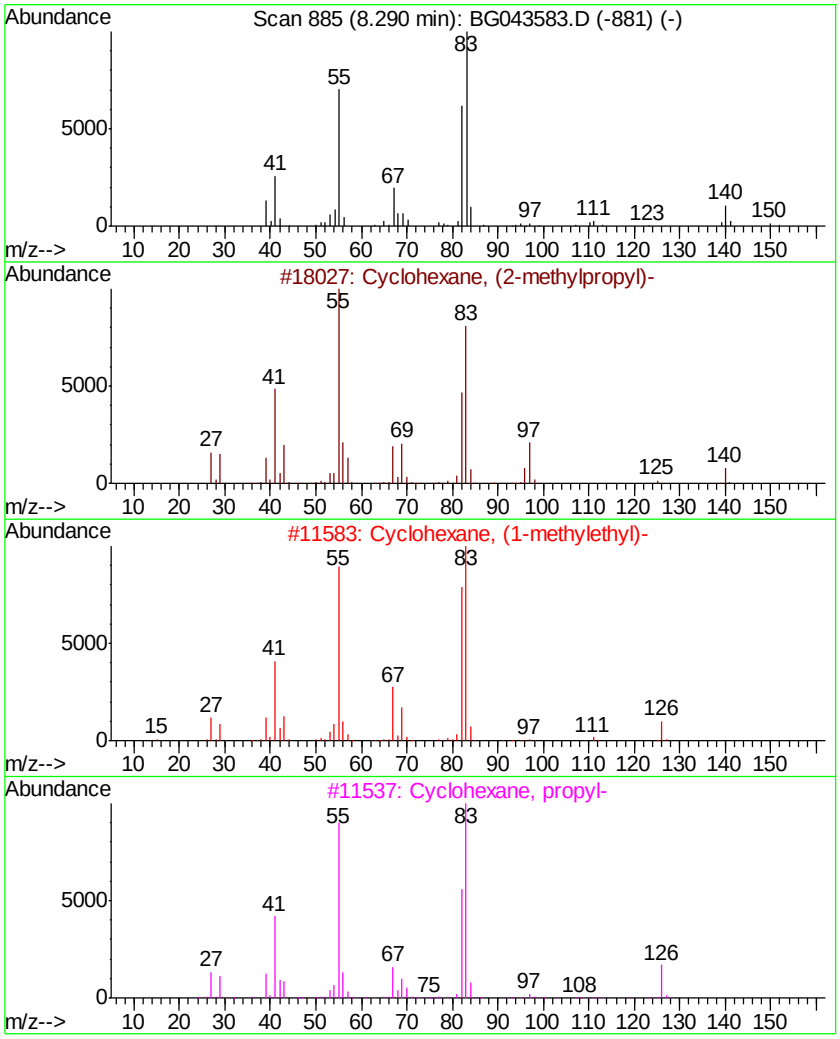
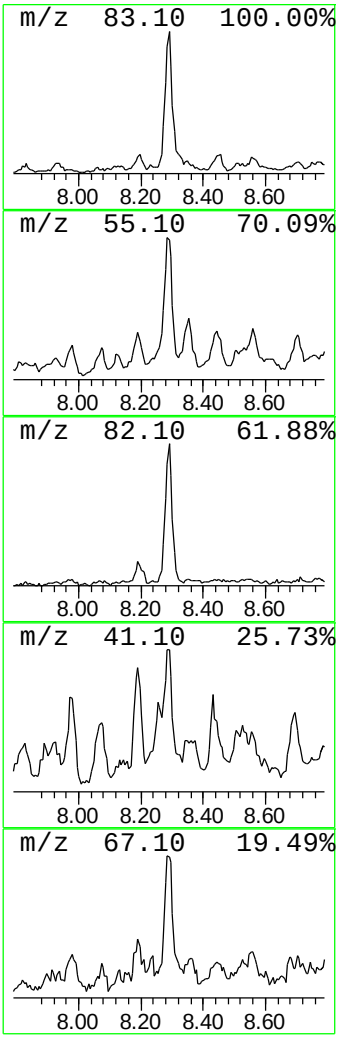
****

Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	32.96 ng	191242	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	78
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	56





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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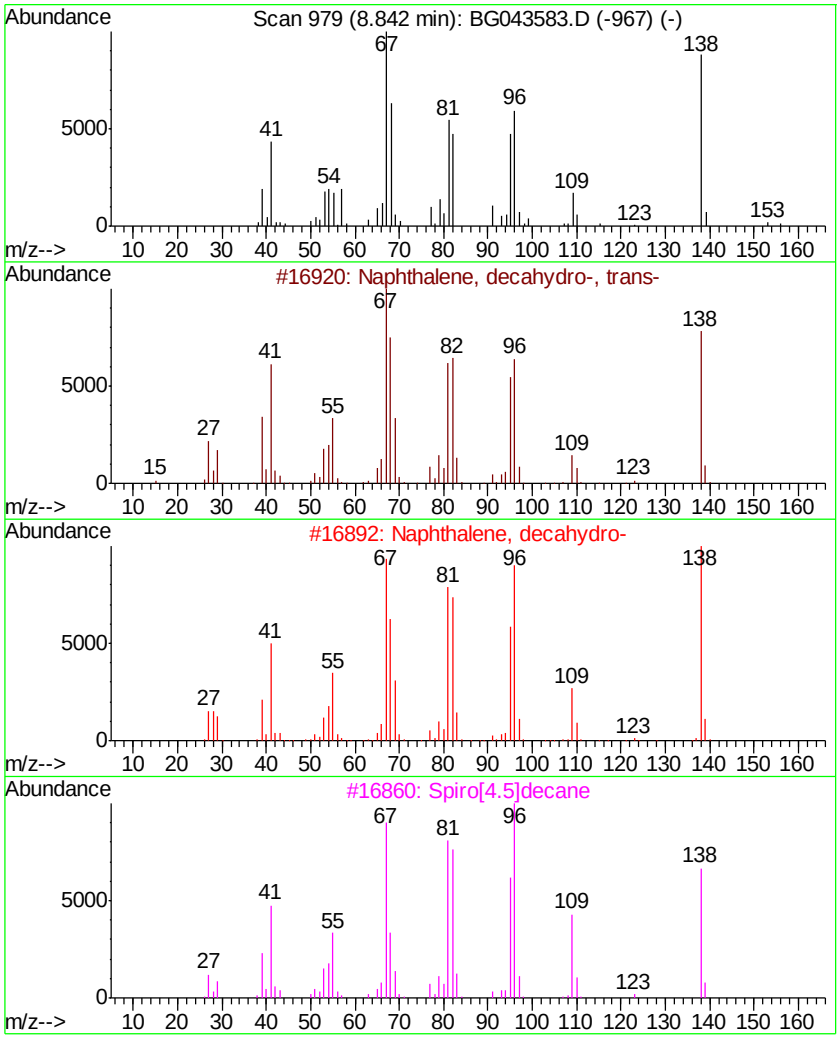
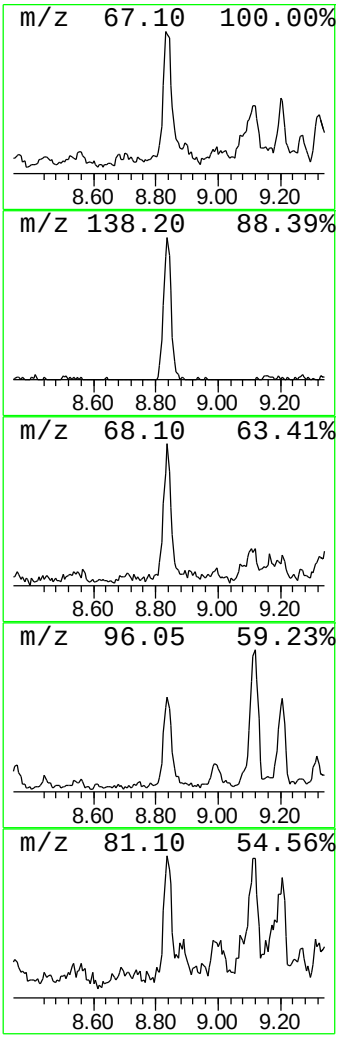
****

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	38.65 ng	224224	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Spiro[4.5]decane	138	C10H18	000176-63-6	74
4	Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	001124-26-1	64
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	60





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

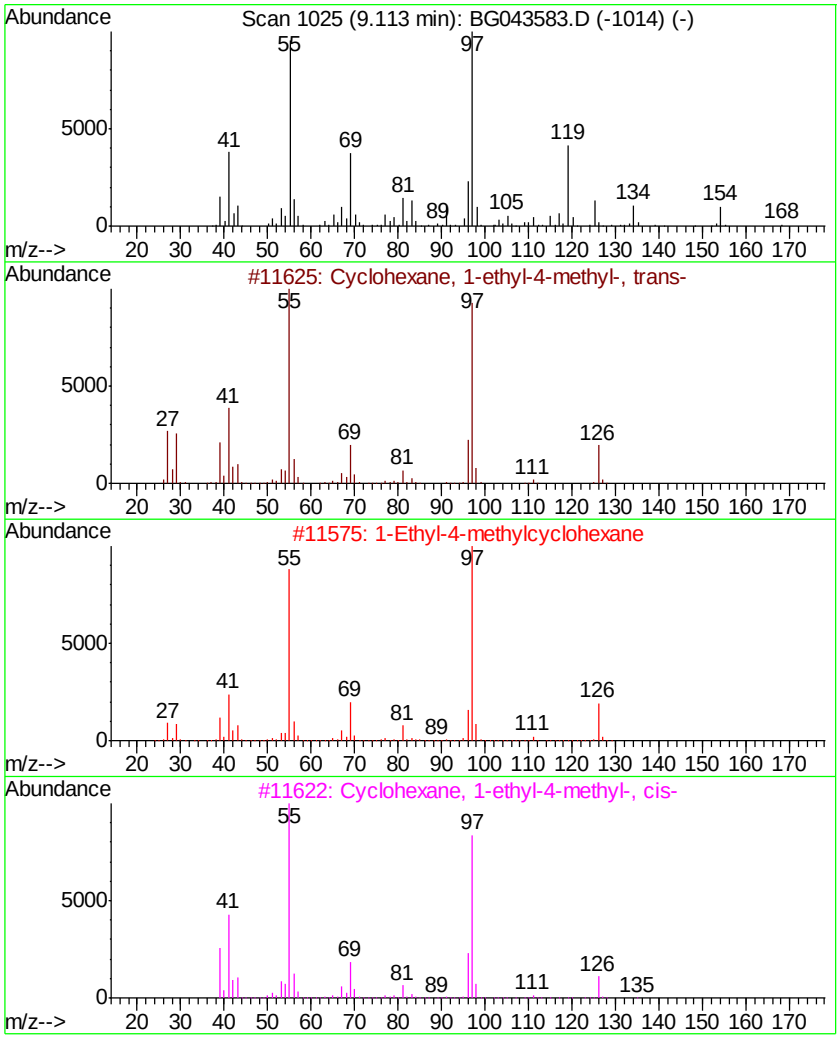
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

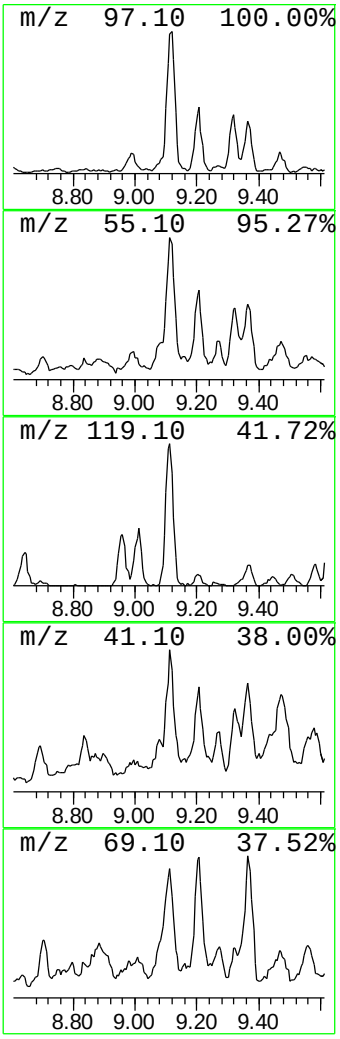
****

Peak Number 5 unknown9.11 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	110.03 ng	638419	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	47
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
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Sample : K5742-07
Misc :
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

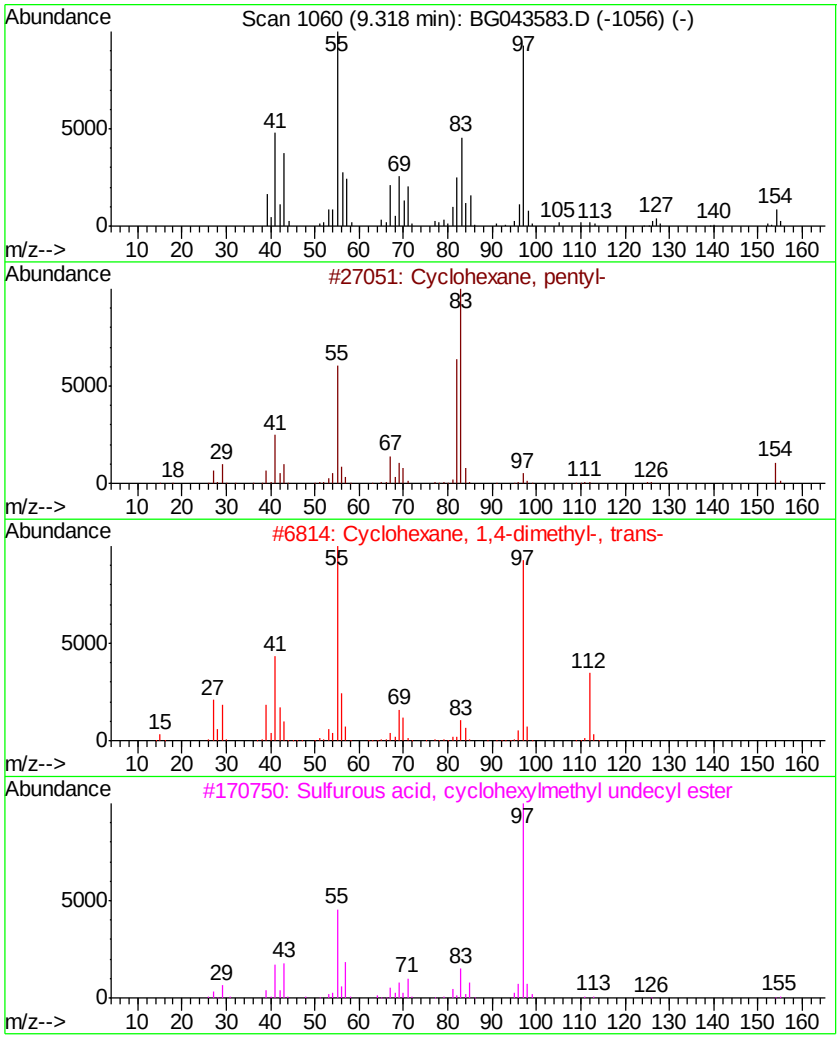
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

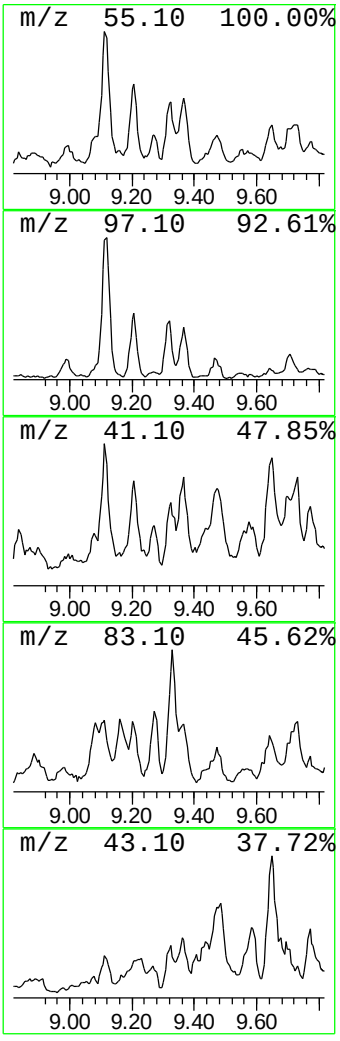
****

Peak Number 6 unknown9.32 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	44.42 ng	257740	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	45
3	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	43
4	Cyclopropane, octyl-	154	C11H22	001472-09-9	43
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38





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Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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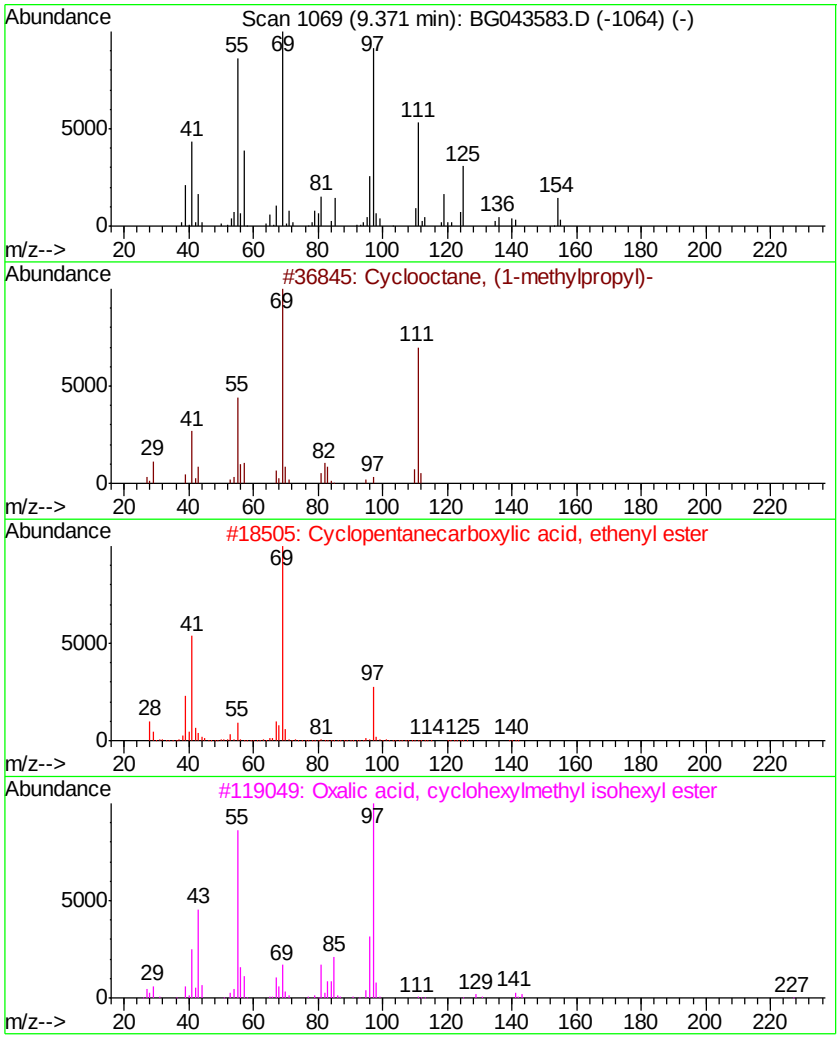
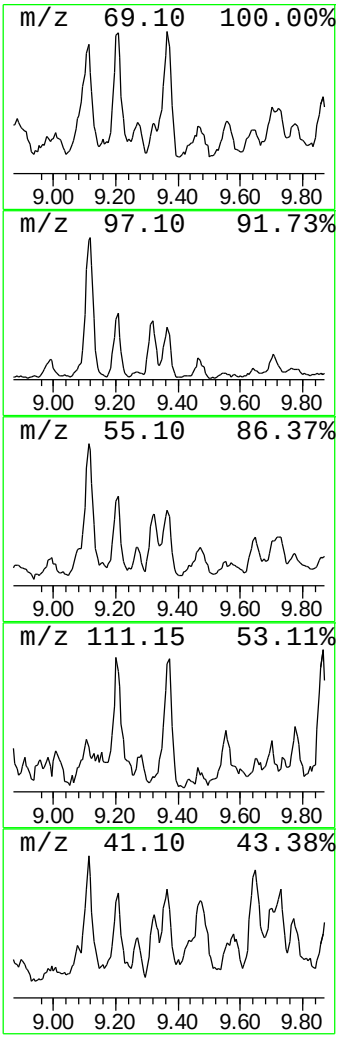
Peak Number 7 unknown9.37 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	49.64 ng	288026	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
2	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	38
3	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	38
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	38
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	35





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Acq On : 8 Nov 2019 23:50
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Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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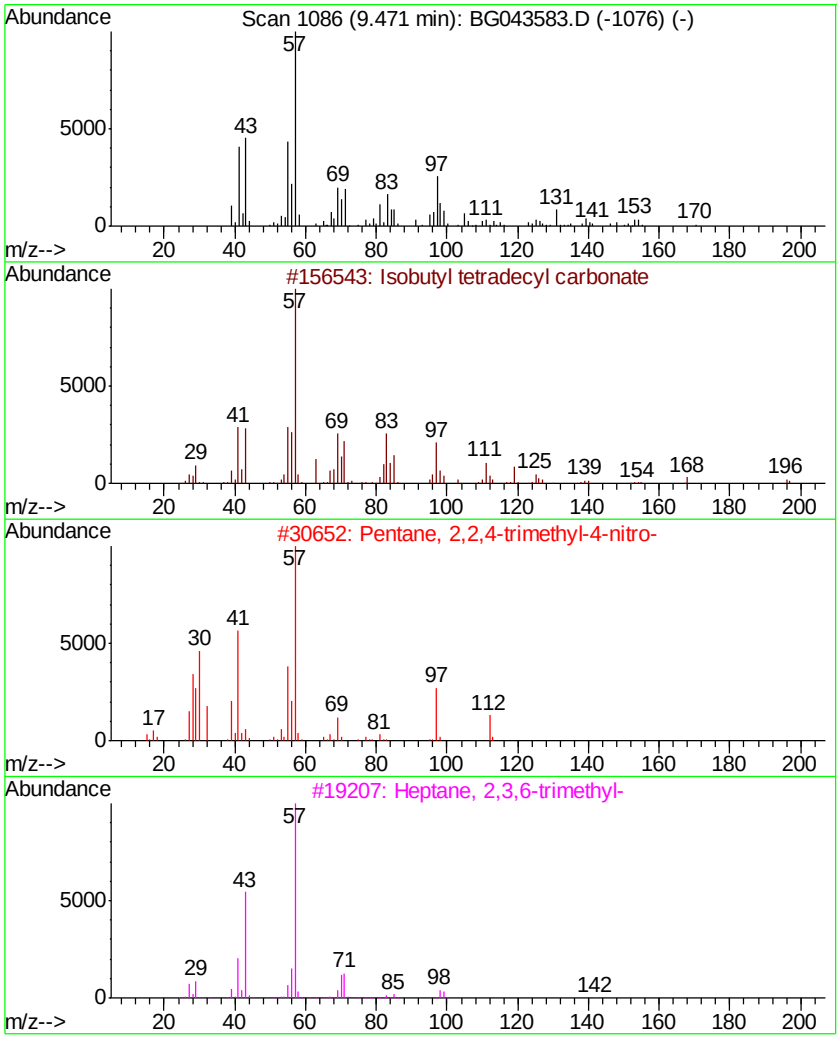
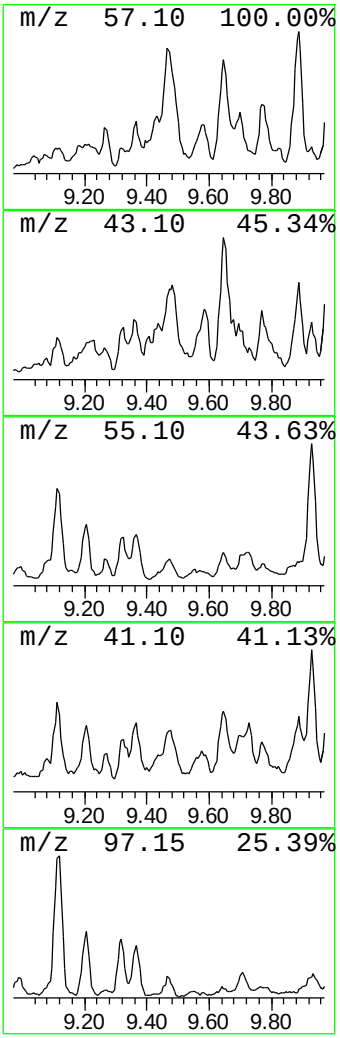
Peak Number 8 Isobutyl tetradecyl carbonate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	33.03 ng	432579	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	50
2	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	43
3	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	43
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	43
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	43





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Operator : JU
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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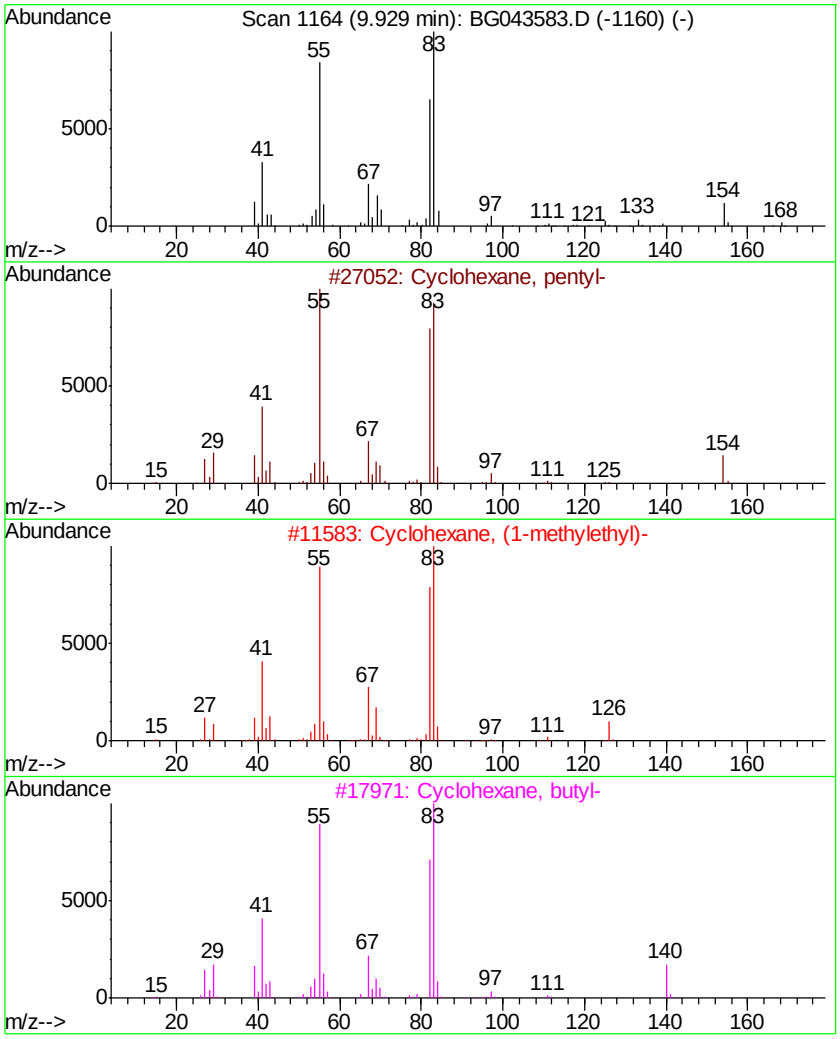
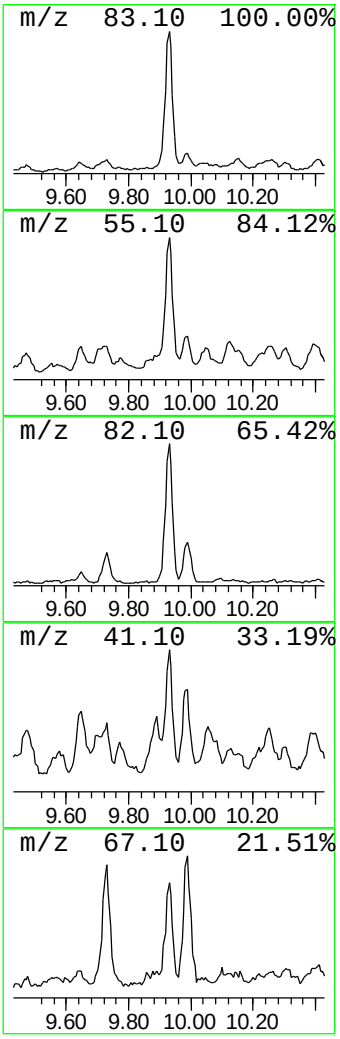
Peak Number 9 Cyclohexane, pentyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	41.06 ng	537780	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	97
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	86
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83





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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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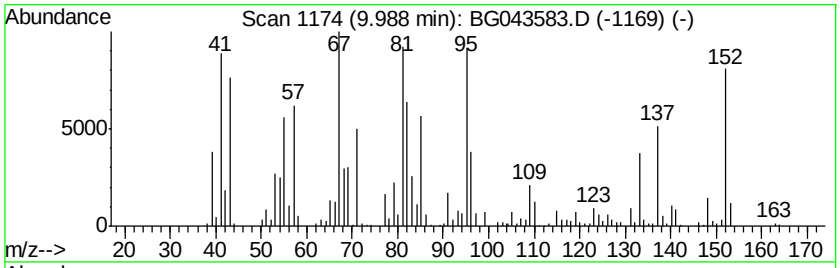
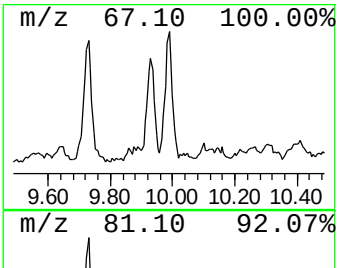
Peak Number 10 1-Methyldecahydronaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	46.71 ng	611730	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	91
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	86
4	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	68
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62





Library Search Compound Report

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Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : SB-35-(6-8)

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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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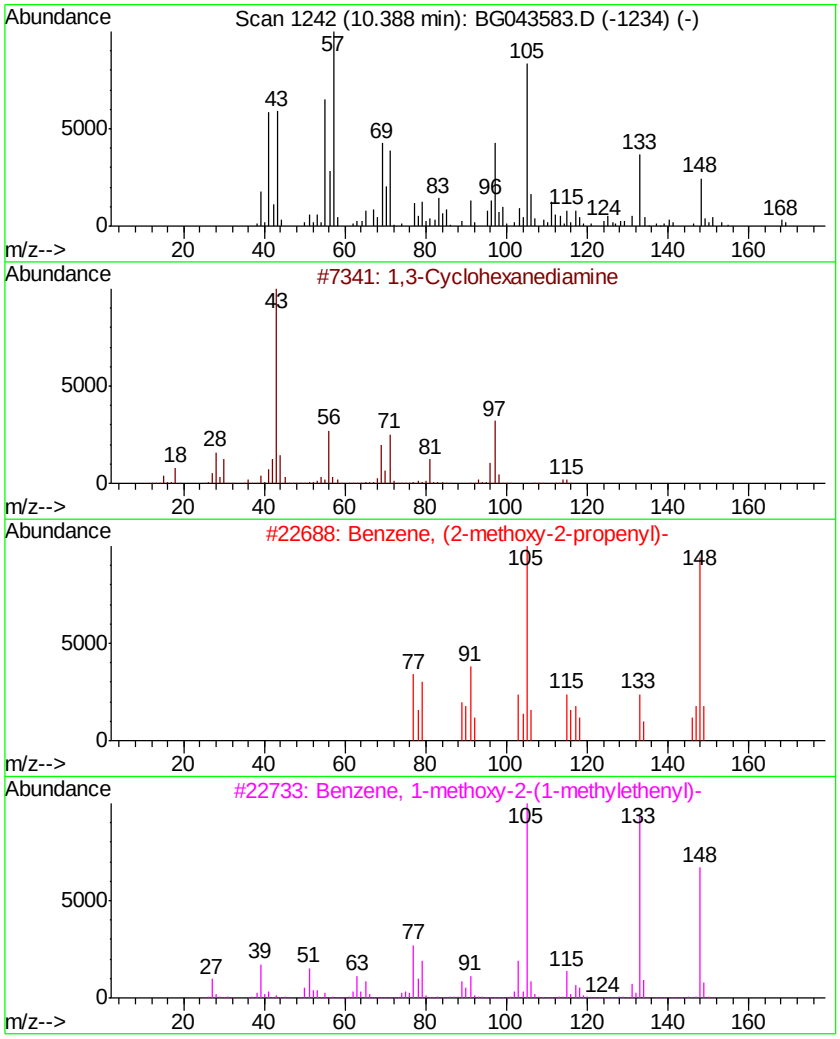
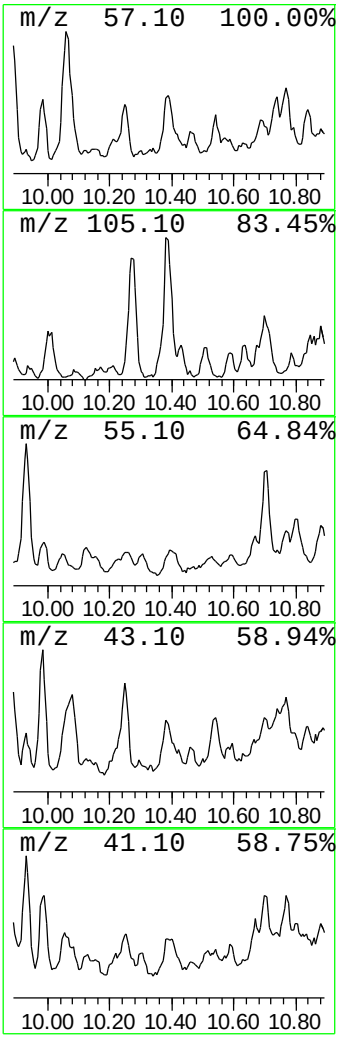
Peak Number 11 unknown10.39 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	34.21 ng	447979	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	41
2	Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	27
3	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	25
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	25
5	4-Methylphenyl acetone	148	C10H12O	002096-86-8	20





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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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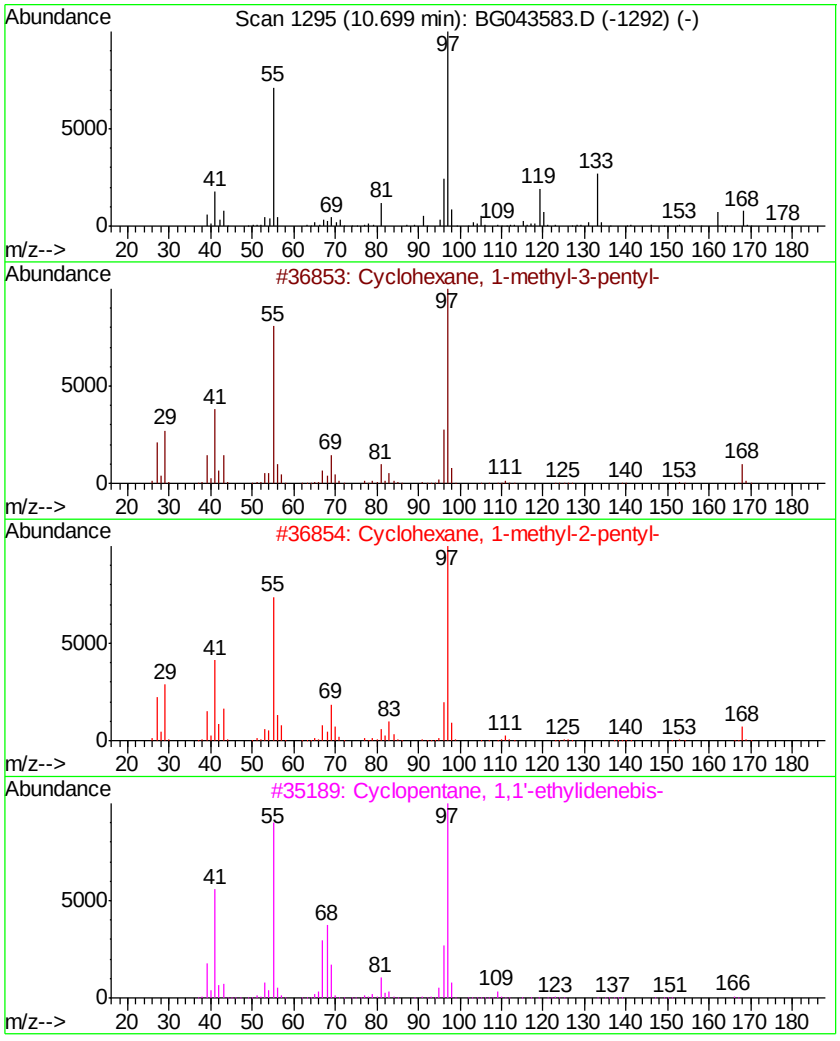
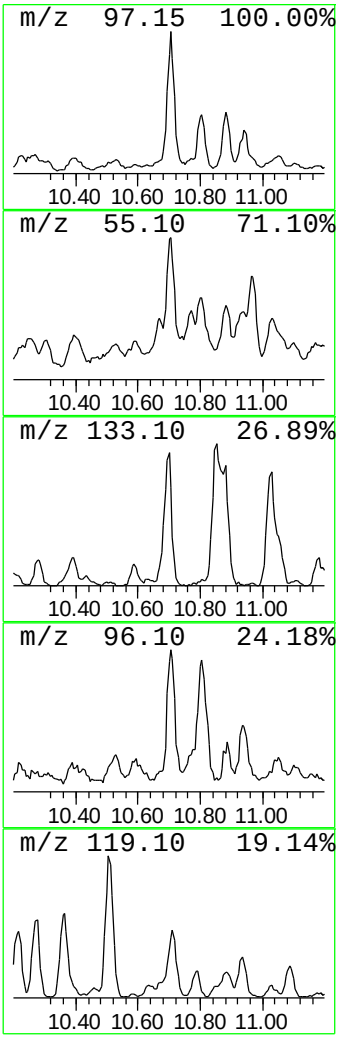
Peak Number 12 Cyclohexane, 1-methyl-3-pen... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	33.61 ng	440195	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	68
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
3	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	53
4	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	47
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	47





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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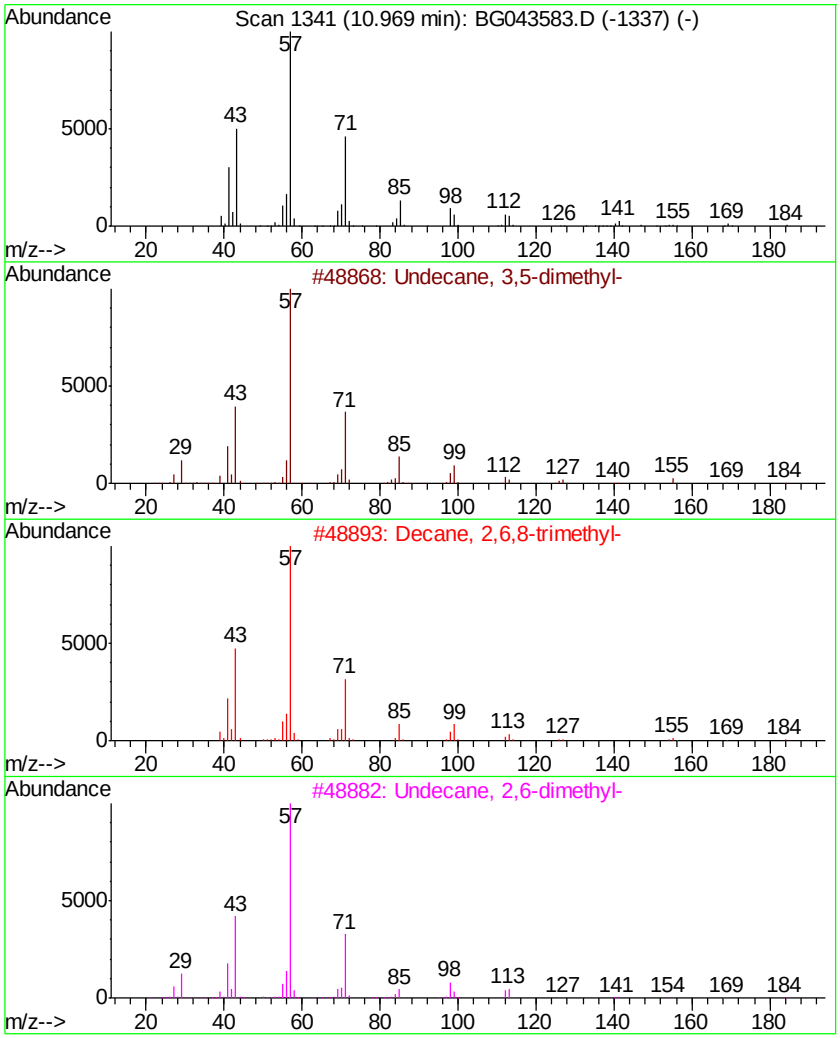
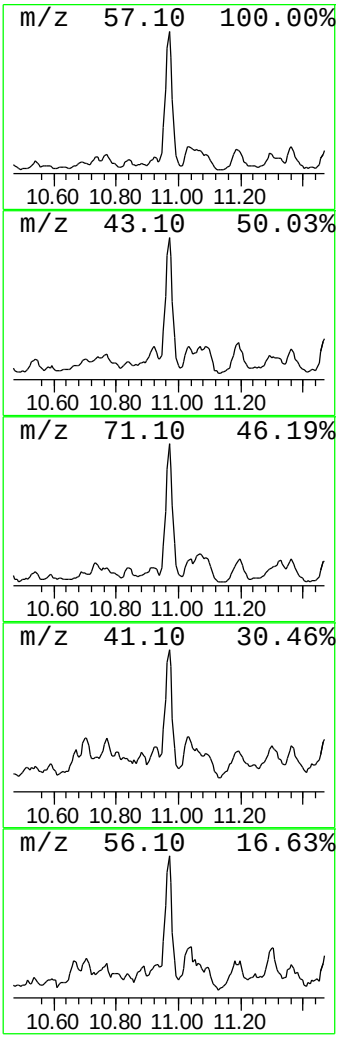
Peak Number 13 Undecane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	74.19 ng	971694	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	90
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	78
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76





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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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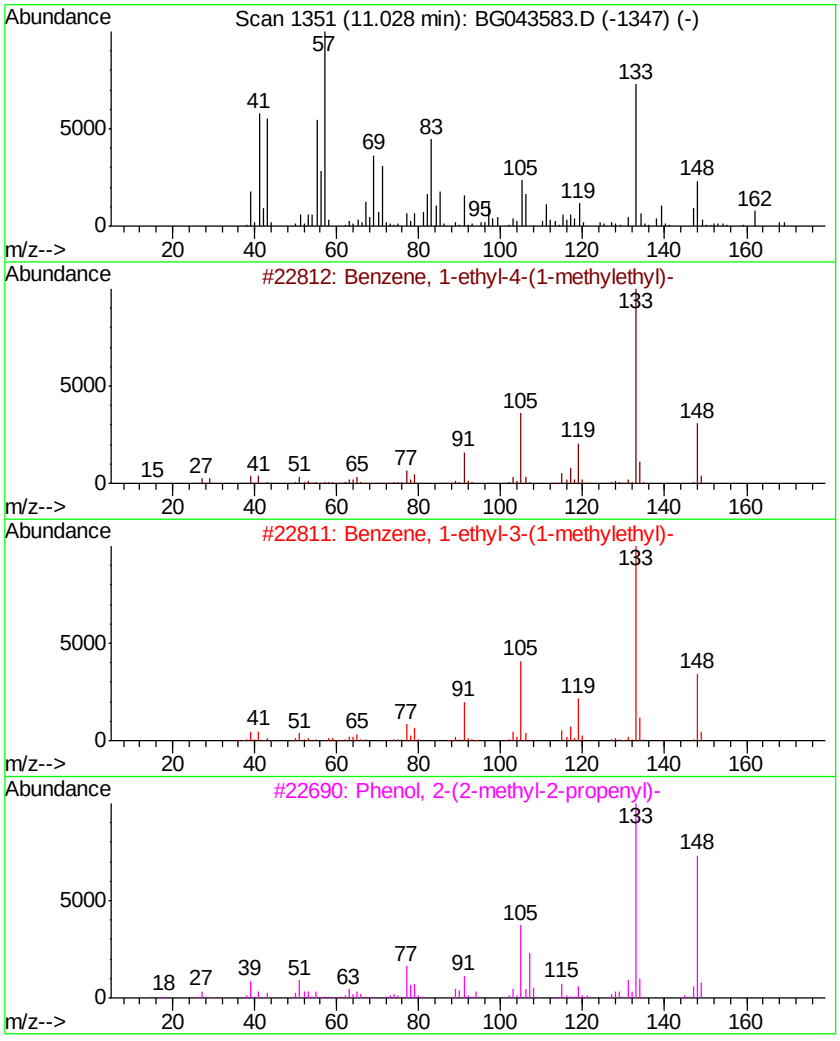
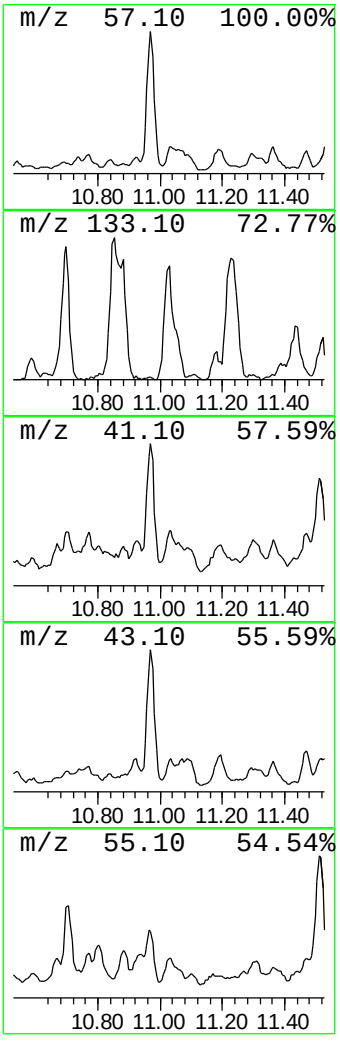
Peak Number 14 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	37.89 ng	496246	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	50
3	Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	43
4	m-Ethylacetophenone	148	C10H12O	022699-70-3	41
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	38





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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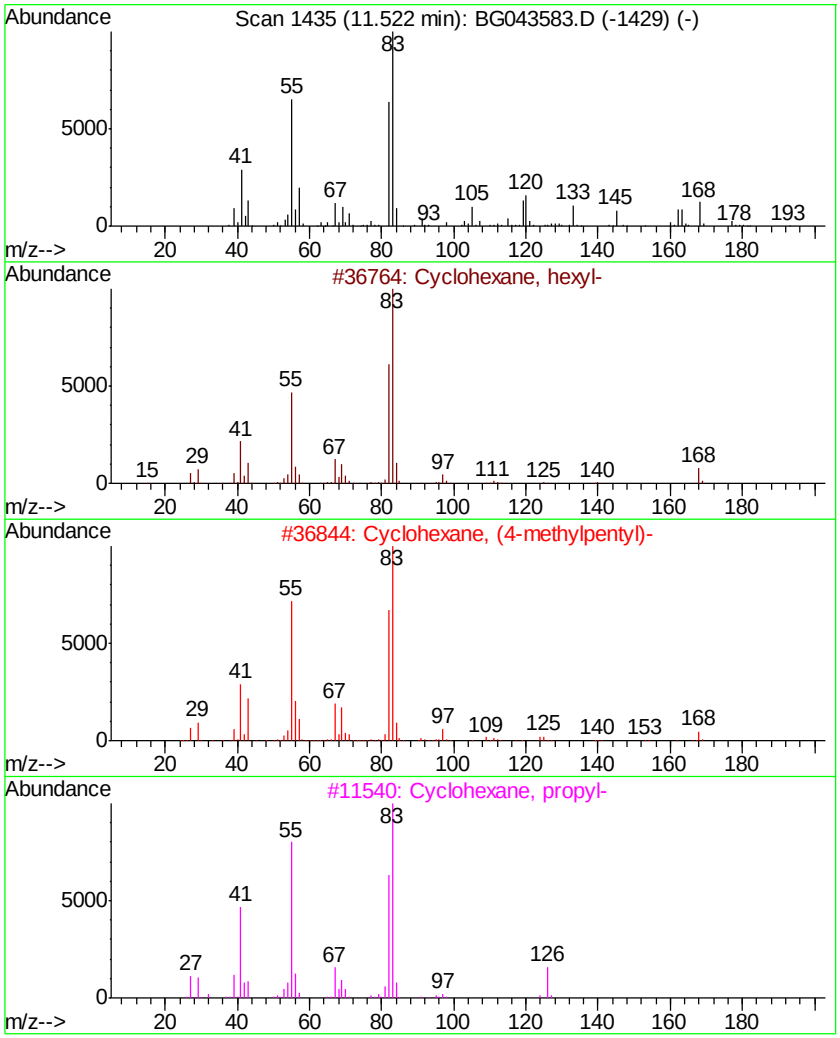
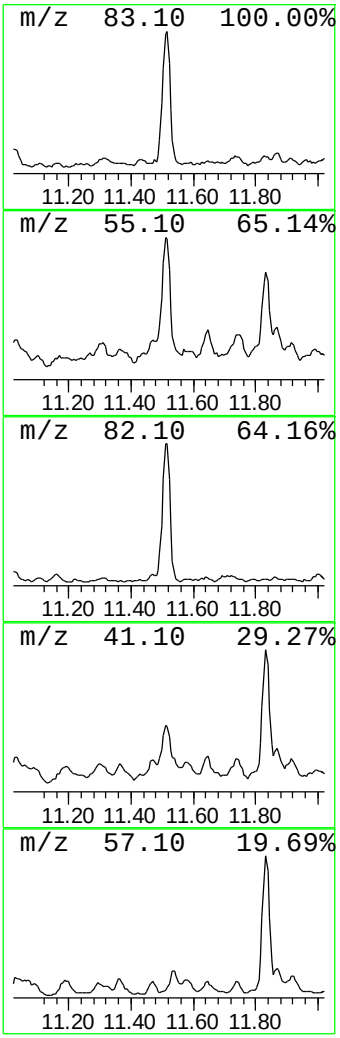
Peak Number 15 Cyclohexane, hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	92.91 ng	1216840	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	81
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	59





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Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

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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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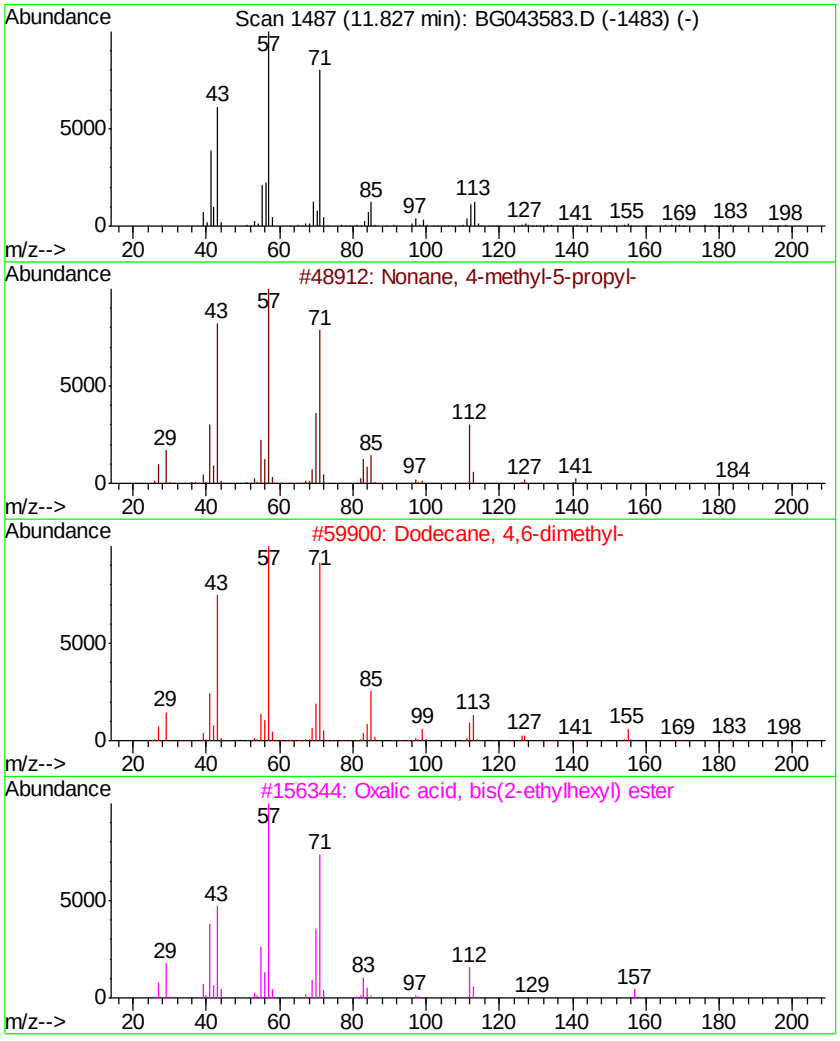
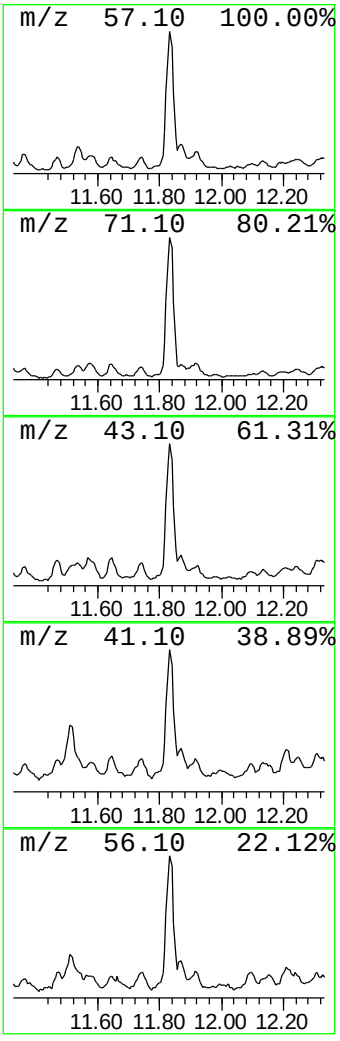
Peak Number 16 Nonane, 4-methyl-5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	133.13 ng	1743530	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59





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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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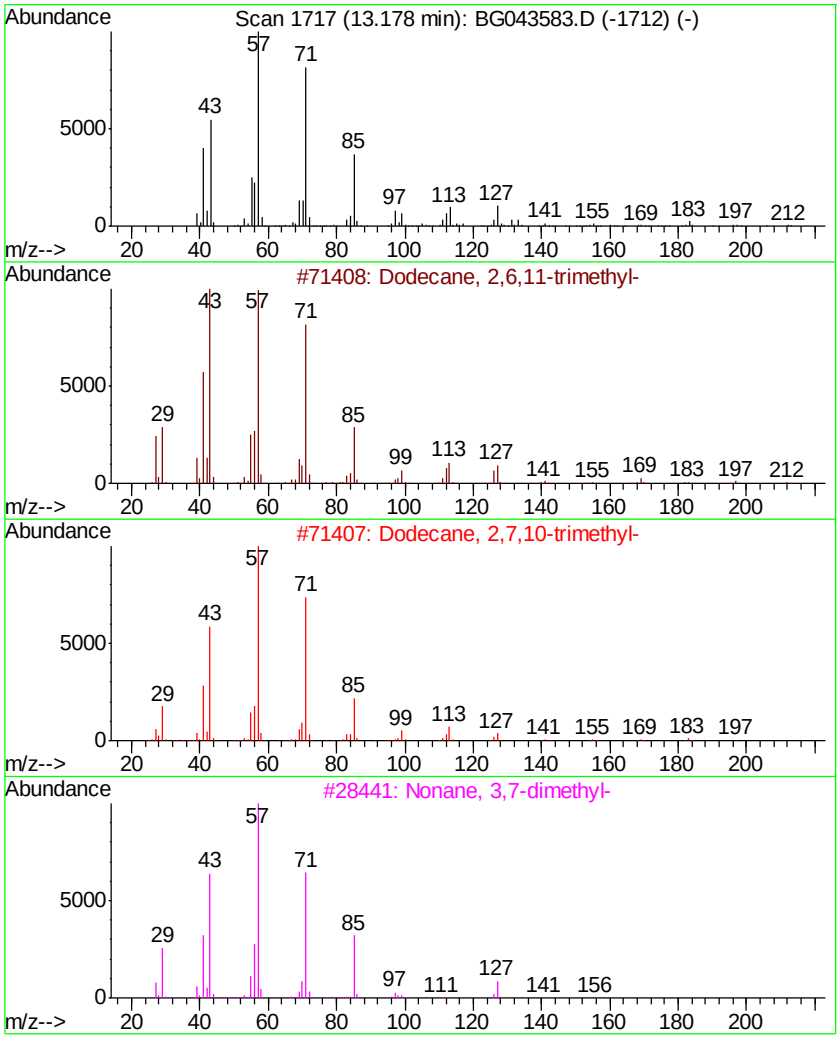
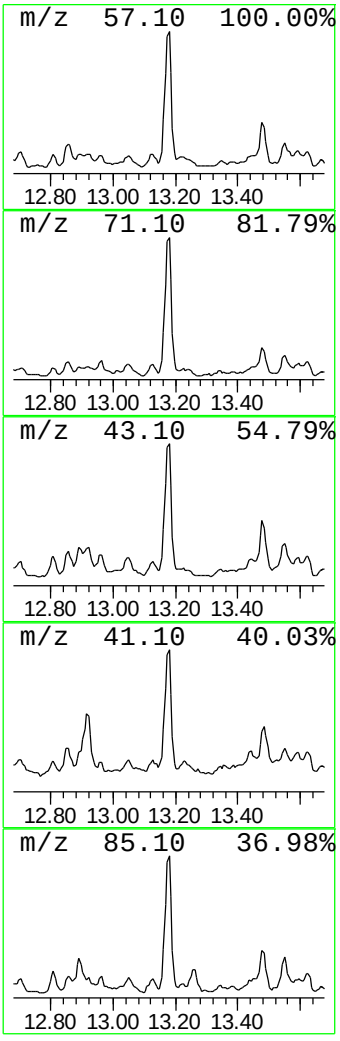
Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	59.43 ng	1896310	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	94
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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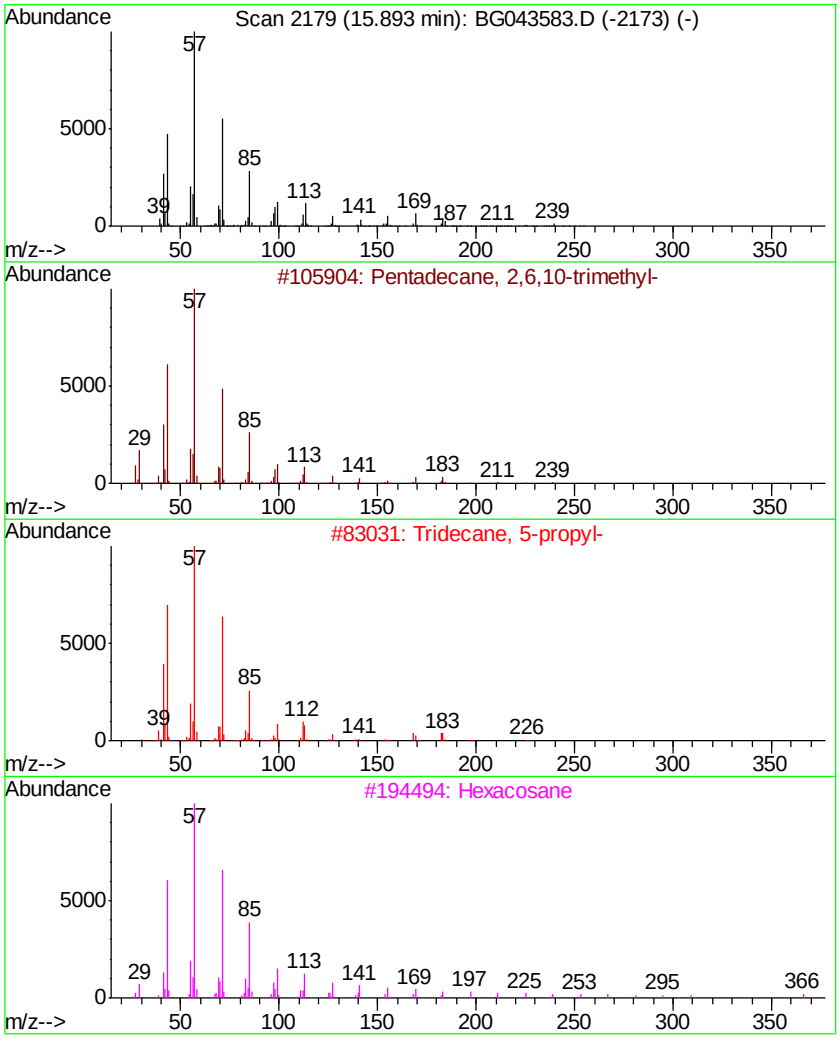
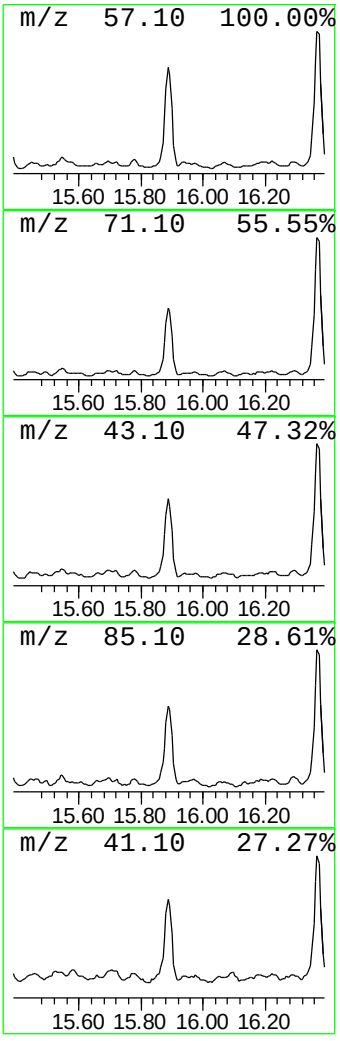
Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	82.02 ng	2617360	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80





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Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
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Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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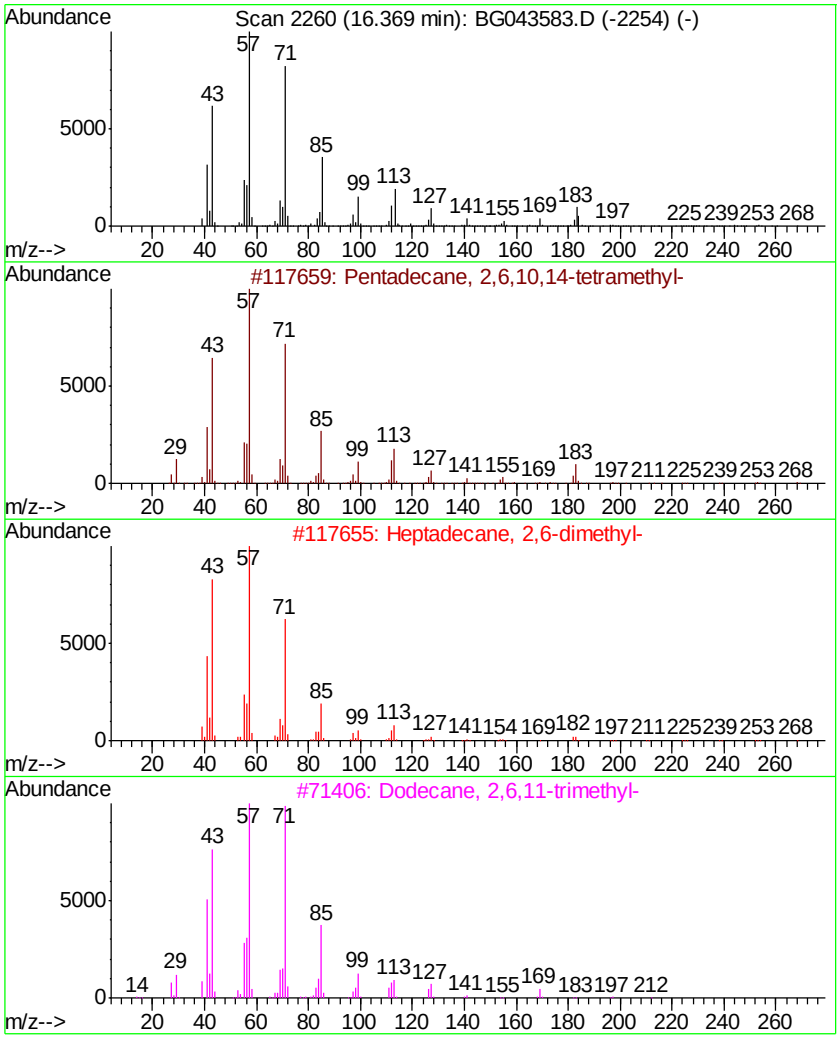
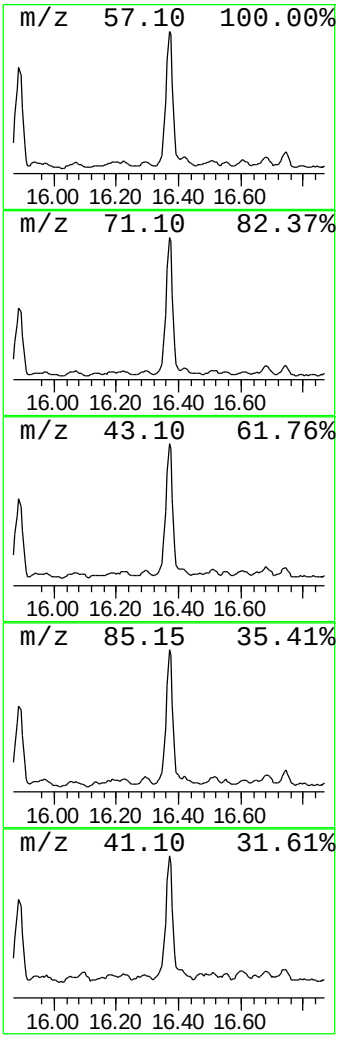
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	106.47 ng	4568490	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	76
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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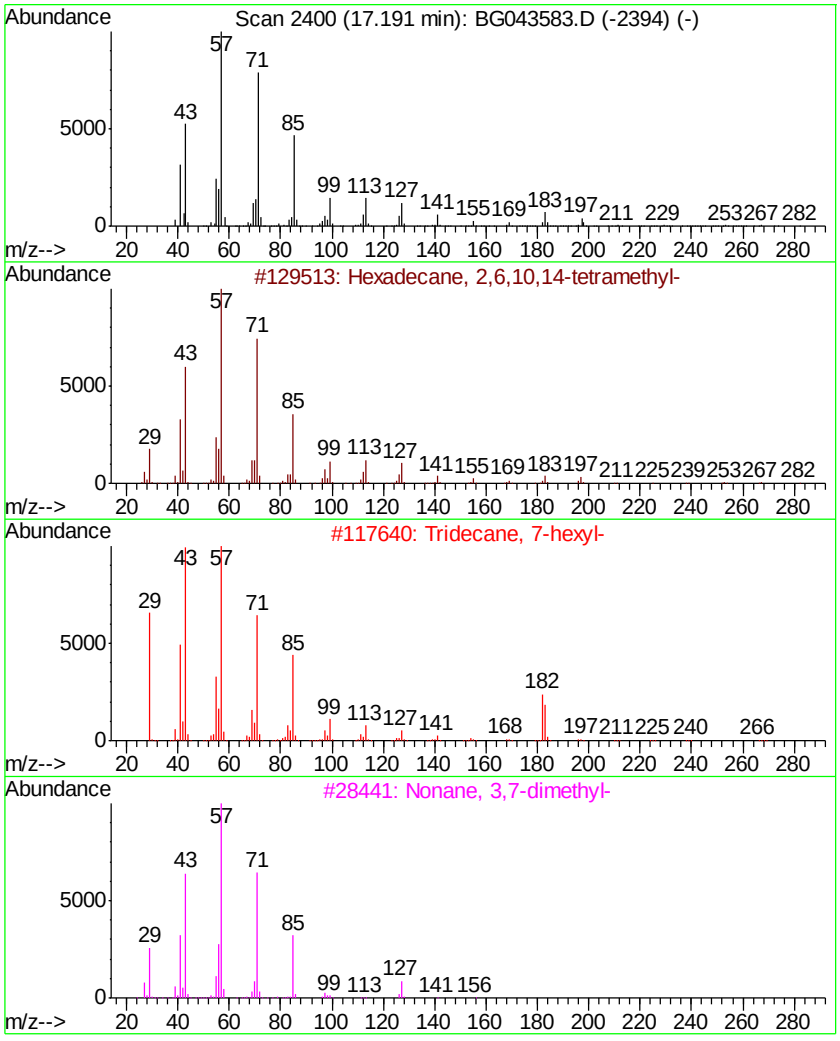
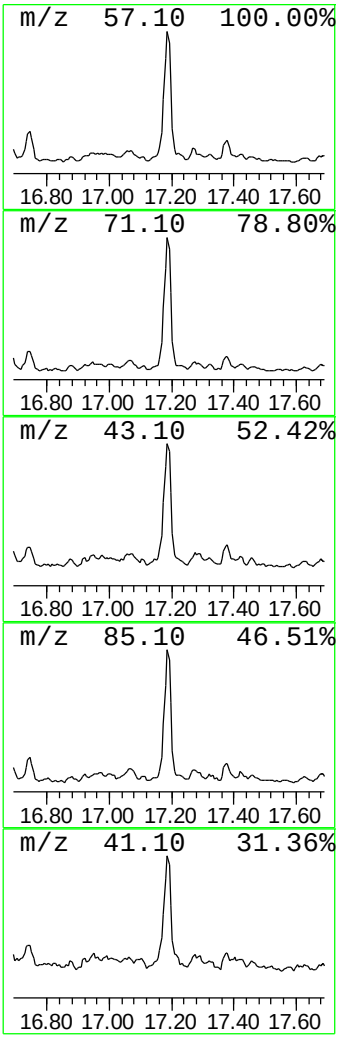
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.19	54.07 ng	2320030	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Heneicosane	296	C21H44	000629-94-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110819\
Data File : BG043583.D
Acq On : 8 Nov 2019 23:50
Operator : JU
Sample : K5742-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-35-(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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
unknown7.55	7.55	169.6	ng	983803	1	8.00	116042	20.0
Cyclohexane, (2-m...	8.29	33.0	ng	191242	1	8.00	116042	20.0
Naphthalene, deca...	8.84	38.6	ng	224224	1	8.00	116042	20.0
unknown9.11	9.11	110.0	ng	638419	1	8.00	116042	20.0
unknown9.32	9.32	44.4	ng	257740	1	8.00	116042	20.0
unknown9.37	9.37	49.6	ng	288026	1	8.00	116042	20.0
Isobutyl tetradec...	9.47	33.0	ng	432579	2	10.81	261932	20.0
Cyclohexane, pentyl-	9.93	41.1	ng	537780	2	10.81	261932	20.0
1-Methyldecahydro...	9.99	46.7	ng	611730	2	10.81	261932	20.0
unknown10.39	10.39	34.2	ng	447979	2	10.81	261932	20.0
Cyclohexane, 1-me...	10.70	33.6	ng	440195	2	10.81	261932	20.0
Undecane, 3,5-dim...	10.97	74.2	ng	971694	2	10.81	261932	20.0
Benzene, 1-ethyl-...	11.03	37.9	ng	496246	2	10.81	261932	20.0
Cyclohexane, hexyl-	11.52	92.9	ng	1216840	2	10.81	261932	20.0
Nonane, 4-methyl-...	11.83	133.1	ng	1743530	2	10.81	261932	20.0
Dodecane, 2,6,11-...	13.18	59.4	ng	1896310	3	14.64	638191	20.0
Pentadecane, 2,6,...	15.89	82.0	ng	2617360	3	14.64	638191	20.0
Pentadecane, 2,6,...	16.37	106.5	ng	4568490	4	17.39	858203	20.0
Hexadecane, 2,6,1...	17.19	54.1	ng	2320030	4	17.39	858203	20.0