LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

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-BG120215.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	2.990	21	26	50	rVB	1356939	2445211	11.31%	0.427%
2	5.739	488	494	505	rVB	1218491	2753101	12.74%	0.481%
3	6.115	552	558	567	rVB	2800848	5042567	23.33%	0.881%
4	6.750	656	666	676	rVB3	842191	2355866	10.90%	0.411%
5	7.102	715	726	732	rVV4	1251607	3450412	15.96%	0.603%
6	7.208	739	744	749	rVV	2520922	4728677	21.87%	0.826%
7	7.267	749	754	761	rVV2	2703916	5045552	23.34%	0.881%
8	7.343	761	767	774	rVB	1259356	2261866	10.46%	0.395%
9	7.508	789	795	801	rBV	1329140	2369376	10.96%	0.414%
10	7.761	829	838	840	rBV	5110951	9863733	45.63%	1.723%
11	8.101	890	896	902	rVB	1606016	2872414	13.29%	0.502%
12	8.248	915	921	927	rVB2	1509811	2651757	12.27%	0.463%
13	8.677	987	994	999	rVV2	2031016	5235048	24.22%	0.914%
14	8.783	1005	1012	1018	rBV3	3593806	7406586	34.26%	1.294%
15	8.900	1025	1032	1036	rBV	1696457	3346087	15.48%	0.584%
16	9.088	1059	1064	1068	rBV	1239871	2211635	10.23%	0.386%
17	9.141	1068	1073	1081	rVB	1542443	3134925	14.50%	0.548%
18	9.247	1081	1091	1097	rBV2	3315042	7391180	34.19%	1.291%
19	9.335	1100	1106	1108	rVV3	1581756	2849199	13.18%	0.498%
20	9.388	1108	1115	1122	rVB	5676048	12639389	58.47%	2.208%
21	9.500	1122	1134	1141	rBV7	1621457	5319264	24.61%	0.929%
22	9.588	1141	1149	1153	rBV3	953451	2633016	12.18%	0.460%
23	9.782	1176	1182	1187	rVV2	1731018	3420312	15.82%	0.597%
24	9.840	1187	1192	1196	rVV	2156359	4017860	18.59%	0.702%
25	9.882	1196	1199	1208	rVB2	1472412	2772810	12.83%	0.484%
26	10.028	1215	1224	1228	rBV3	1127891	2606396	12.06%	0.455%
27	10.081	1228	1233	1237	rVB2	1315904	2121914	9.82%	0.371%
28	10.140	1237	1243	1249	rBV4	1559788	3856268	17.84%	0.674%
29	10.205	1249	1254	1257	rBV2	1810811	3369121	15.59%	0.588%
30	10.299	1264	1270	1274	rBV2	2407444	4592458	21.24%	0.802%
31	10.363	1274	1281	1288	rVV4	3885750	10993918	50.86%	1.920%
32	10.422	1288	1291	1295	rVV2	1723558	2647561	12.25%	0.462%
33	10.481	1295	1301	1305	rVV	1651990	3030670	14.02%	0.529%
34	10.534	1306	1310	1315	rVV4	1451923	2875413	13.30%	0.502%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.598	1315	1321	1326	rVB	2265848	4144616	19.17%	0.724%
36	10.651	1326	1330	1339	rVB2	1147427	2427122	11.23%	0.424%
37	10.869	1361	1367	1371	rVV5	1156885	2955075	13.67%	0.516%
38	10.945	1371	1380	1385	rVV2	7732011	20506809	94.86%	3.582%
39	11.010	1385	1391	1398	rVV4	1894944	5545780	25.65%	0.969%
40	11.074	1398	1402	1406	rVV	1669386	3531318	16.34%	0.617%
41	11.121	1406	1410	1415	rVB	2509186	4307157	19.92%	0.752%
42	11.180	1415	1420	1427	rBV2	1397403	2905961	13.44%	0.508%
43	11.433	1458	1463	1472	rVB4	2176785	5088808	23.54%	0.889%
44	11.544	1472	1482	1490	rBV5	1284980	3842437	17.77%	0.671%
45	11.621	1491	1495	1498	rVV	1343684	2332499	10.79%	0.407%
46	11.662	1498	1502	1509	rVV5	2300484	5347761	24.74%	0.934%
47	11.726	1509	1513	1519	rVB3	1494483	2802688	12.97%	0.490%
48	11.803	1519	1526	1531	rBV3	2760322	5004239	23.15%	0.874%
49	11.879	1532	1539	1545	rBV2	3730507	7094632	32.82%	1.239%
50	11.991	1552	1558	1561	rVV	3050887	5263496	24.35%	0.919%
51	12.067	1567	1571	1577	rVB3	1381573	2697579	12.48%	0.471%
52	12.167	1578	1588	1593	rBV2	5197483	10829769	50.10%	1.892%
53	12.402	1614	1628	1632	rBV3	7469250	20211423	93.50%	3.530%
54	12.514	1640	1647	1651	rVB	2278668	4367476	20.20%	0.763%
55	12.590	1655	1660	1663	rBV4	1249082	2254562	10.43%	0.394%
56	12.843	1694	1703	1704	rBV3	1423425	3191490	14.76%	0.557%
57	12.878	1705	1709	1714	rVV2	4046230	7774411	35.96%	1.358%
58	12.996	1725	1729	1733	rVV2	1752120	2659758	12.30%	0.465%
59	13.043	1733	1737	1744	rVV5	1230615	2552933	11.81%	0.446%
60	13.107	1744	1748	1756	rVV6	1561148	4052672	18.75%	0.708%
61	13.178	1756	1760	1768	rVB2	3114085	4714726	21.81%	0.824%
62	13.266	1770	1775	1780	rBV4	1909320	3813530	17.64%	0.666%
63	13.325	1780	1785	1791	rVB2	3738790	6090531	28.17%	1.064%
64	13.636	1827	1838	1842	rVB	7424240	19166790	88.66%	3.348%
65	13.736	1845	1855	1858	rVV3	2563609	6368927	29.46%	1.112%
66	13.941	1886	1890	1903	rVB5	2185404	6692058	30.96%	1.169%
67	14.071	1907	1912	1914	rBV4	1595865	2831168	13.10%	0.495%
68	14.118	1917	1920	1924	rVV5	2556403	4590062	21.23%	0.802%
69	14.165	1924	1928	1932	rVB2	3280477	5147459	23.81%	0.899%
70	14.259	1932	1944	1948	rBV5	4005651	12031727	55.66%	2.102%
71	14.300	1948	1951	1955	rVB	3805232	4843027	22.40%	0.846%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.370	1960	1963	1968	rVB3	3496455	5113930	23.66%	0.893%
73	14.699	2009	2019	2022	rBV2	8191989	19900267	92.06%	3.476%
74	14.752	2023	2028	2039	rVV8	2383824	5924194	27.41%	1.035%
75	14.999	2065	2070	2076	rVB3	1639234	3417491	15.81%	0.597%
76	15.111	2085	2089	2091	rBV3	1583132	2523464	11.67%	0.441%
77	15.175	2096	2100	2105	rVV4	2613768	4308981	19.93%	0.753%
78	15.287	2116	2119	2126	rVB5	2980623	5024859	23.24%	0.878%
79	15.399	2134	2138	2142	rBV2	1748849	3576481	16.54%	0.625%
80	15.651	2171	2181	2184	rVB	7575868	17928208	82.94%	3.131%
81	15.857	2213	2216	2222	rBV5	1297873	2772724	12.83%	0.484%
82	16.033	2236	2246	2250	rBV	4890725	10860456	50.24%	1.897%
83	16.115	2257	2260	2266	rVB3	1853496	2525819	11.68%	0.441%
84	16.174	2266	2270	2276	rBV3	1671038	2946792	13.63%	0.515%
85	16.239	2277	2281	2284	rBV2	2655505	3266618	15.11%	0.571%
86	16.503	2317	2326	2329	rBV2	7898251	21617126	100.00%	3.776%
87	16.815	2375	2379	2383	rBV2	1599591	2758925	12.76%	0.482%
88	16.879	2387	2390	2395	rVB3	2599302	3818672	17.67%	0.667%
89	16.979	2404	2407	2411	rVB3	1933690	2659472	12.30%	0.465%
90	17.291	2451	2460	2463	rBV	7795689	16687628	77.20%	2.915%
91	17.337	2463	2468	2477	rVB	5852287	11199236	51.81%	1.956%
92	17.737	2532	2536	2542	rVB2	1757561	2958984	13.69%	0.517%
93	17.802	2543	2547	2553	rVB2	1622899	2832728	13.10%	0.495%
94	17.919	2564	2567	2571	rBV3	1506669	2201920	10.19%	0.385%
95	18.019	2577	2584	2588	rVB	7689189	14693264	67.97%	2.566%
96	18.701	2693	2700	2703	rBV	7387640	11647452	53.88%	2.034%
97	19.312	2798	2804	2808	rVB	6528827	9928630	45.93%	1.734%
98	19.876	2895	2900	2904	rVB	5462815	7094616	32.82%	1.239%
99	20.399	2984	2989	2993	rVB	4310455	5071073	23.46%	0.886%
100	20.892	3068	3073	3076	rBV	2552863	2960080	13.69%	0.517%

Sum of corrected areas: 572514128

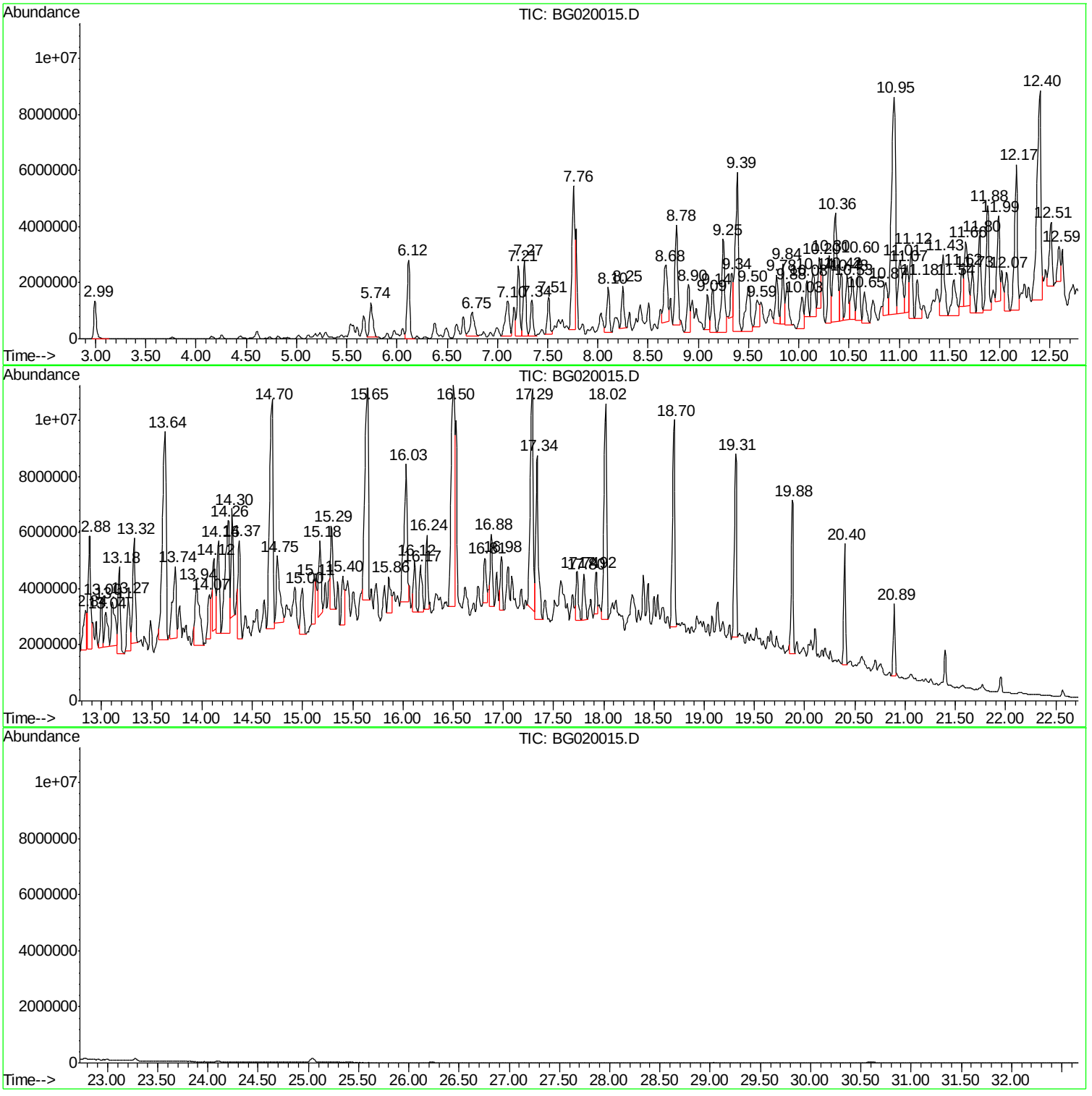
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

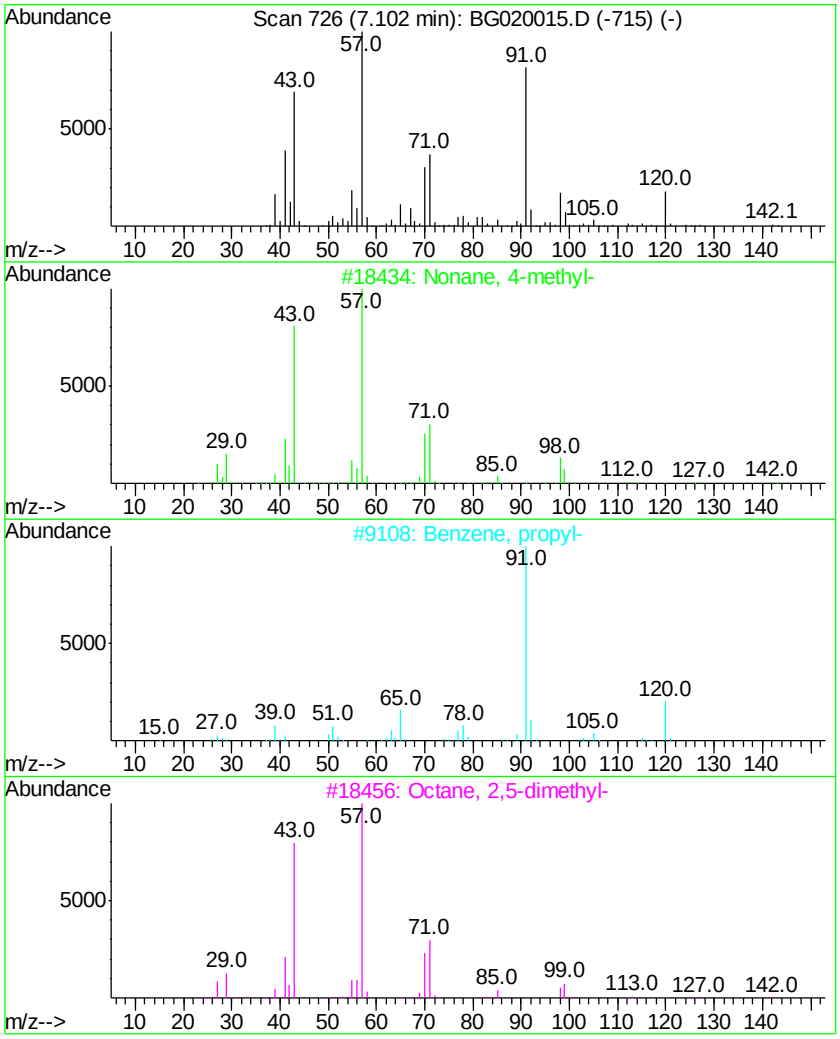
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

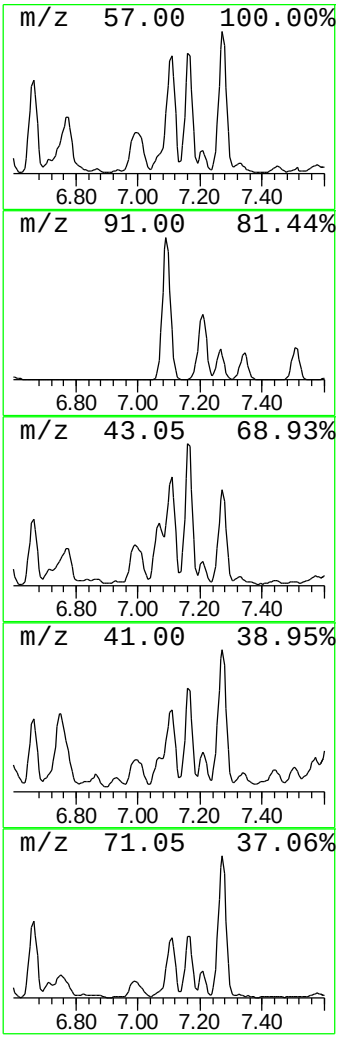
****

Peak Number 2 Nonane, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	24.02 ng	3450410	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	55
2	Benzene, propyl-	120	C9H12	000103-65-1	47
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

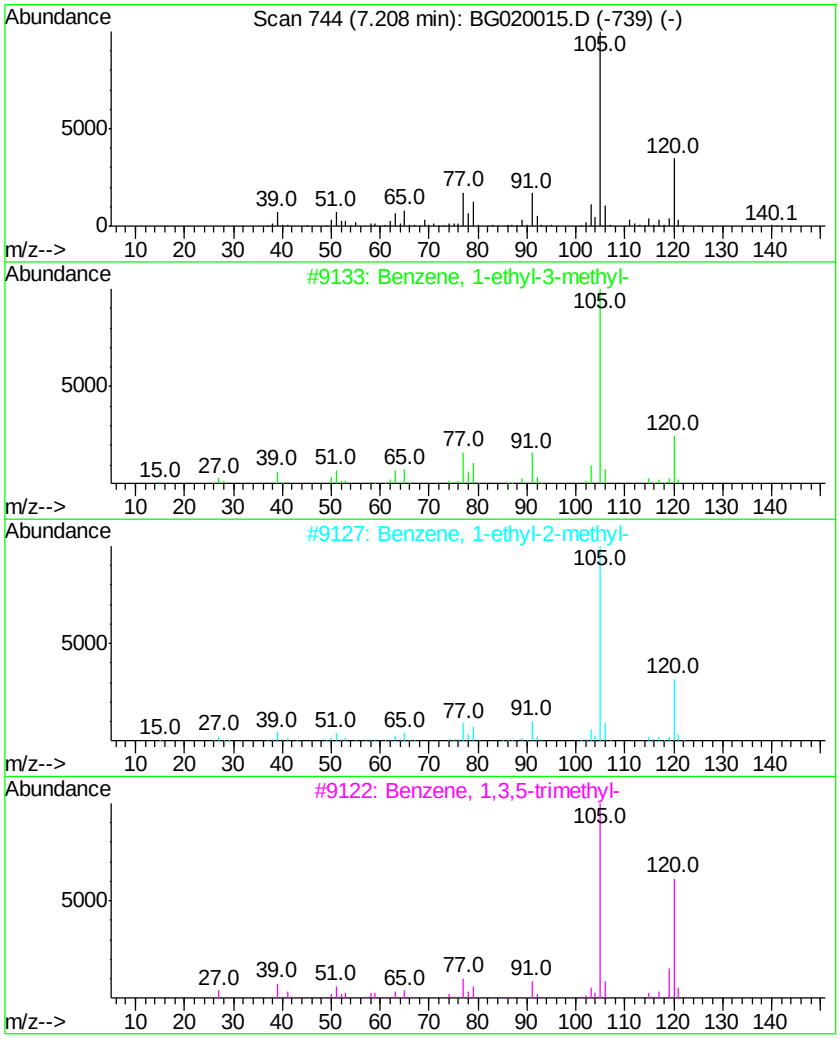
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

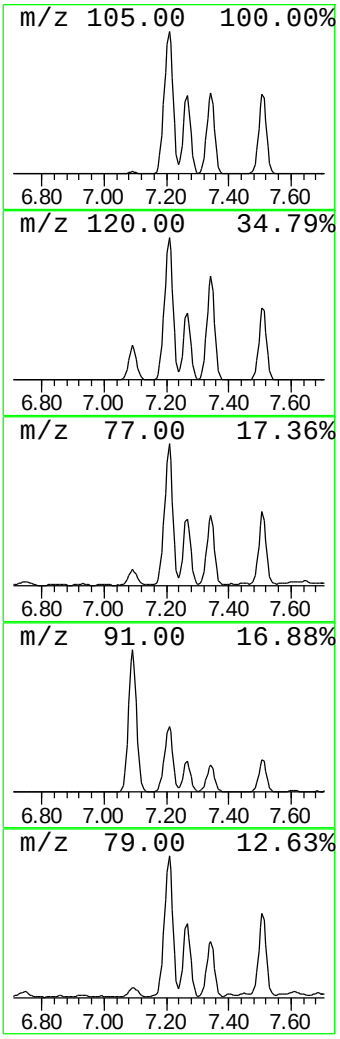
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	32.92 ng	4728680	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

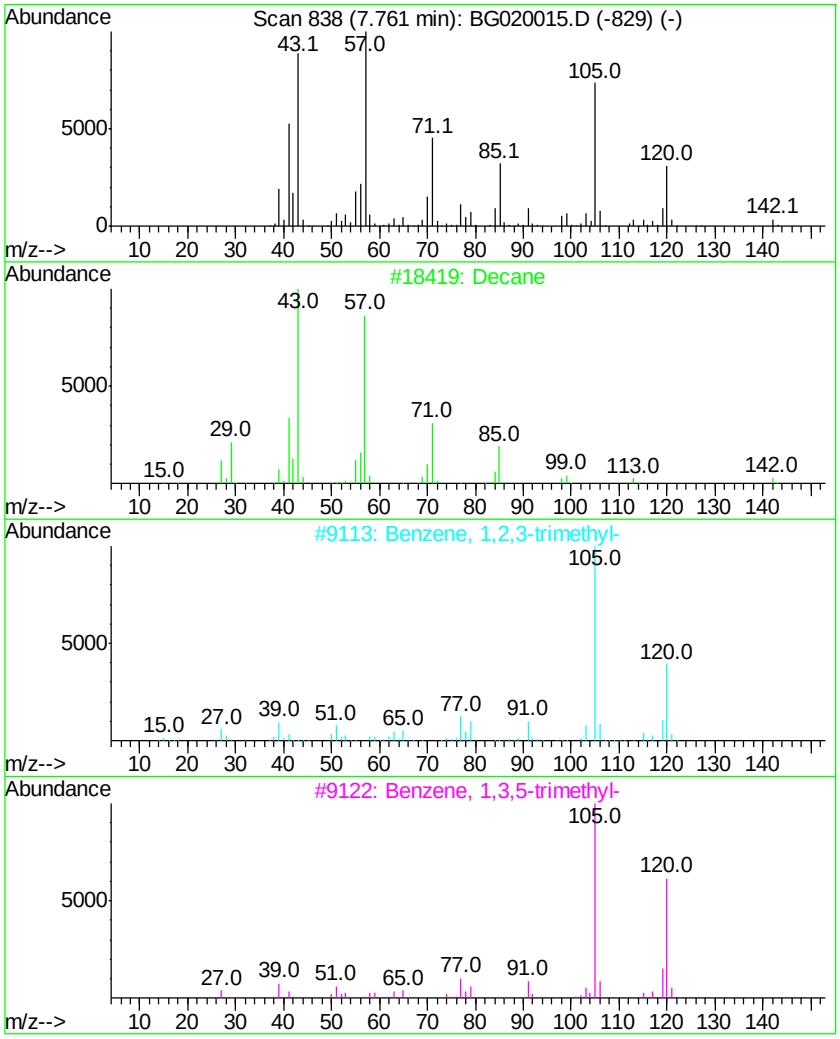
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

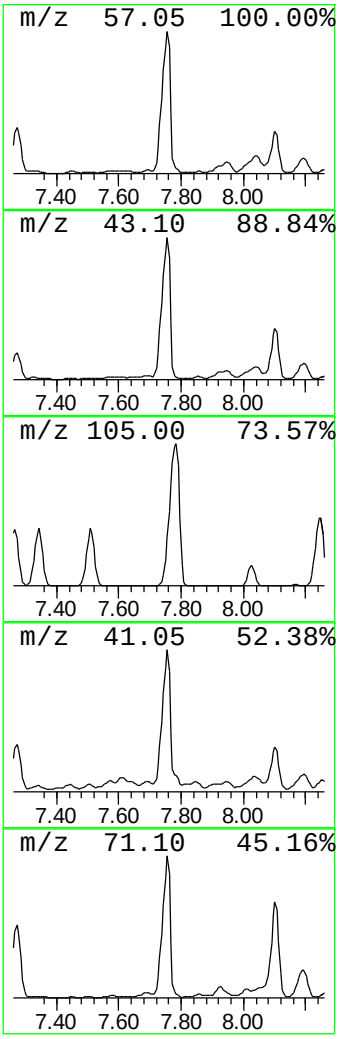
****

Peak Number 4 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	68.68 ng	9863730	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	60
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	53
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	48





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

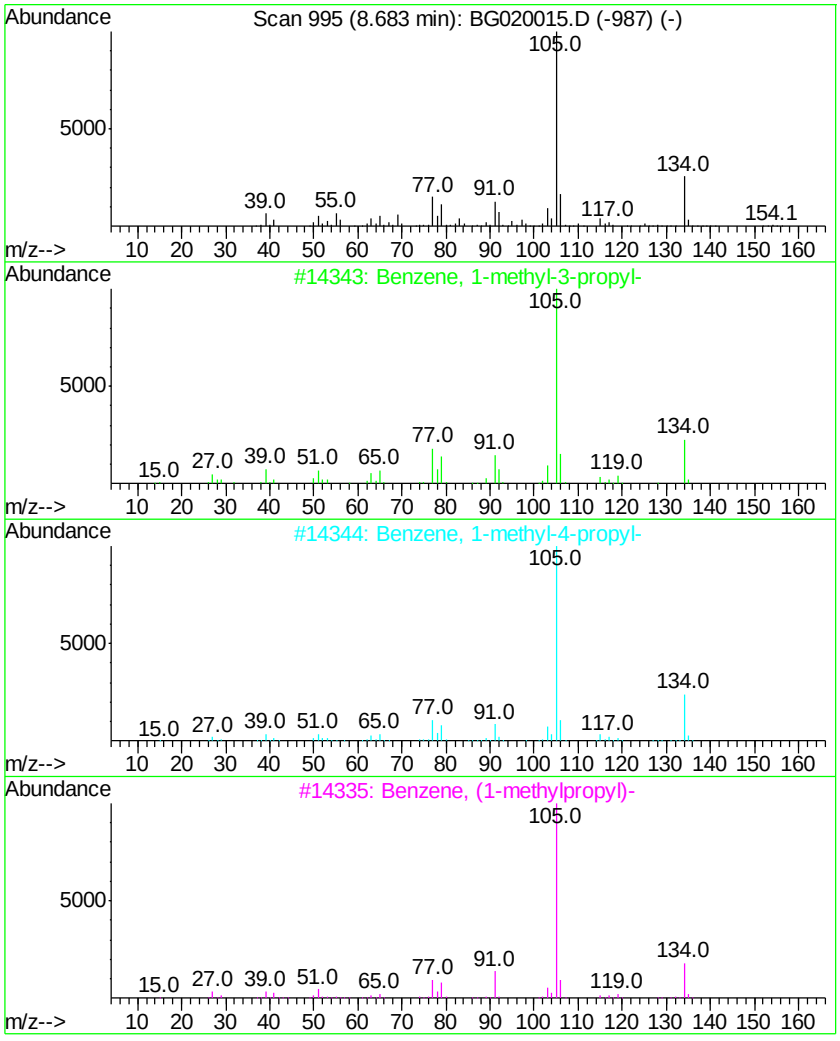
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

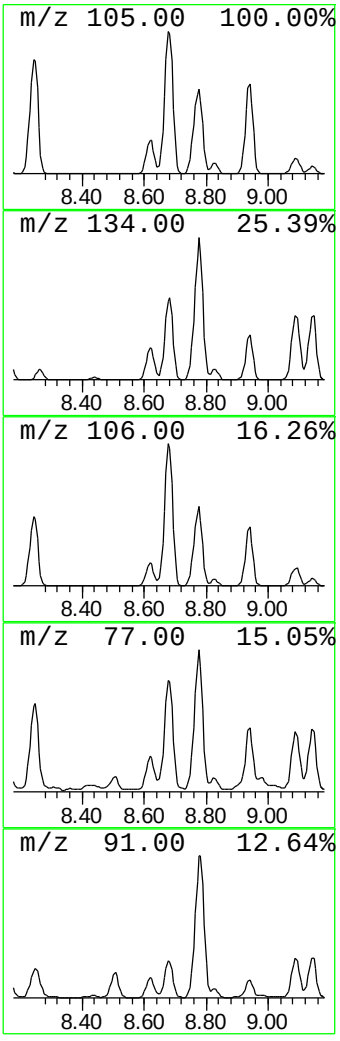
****

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	36.45 ng	5235050	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

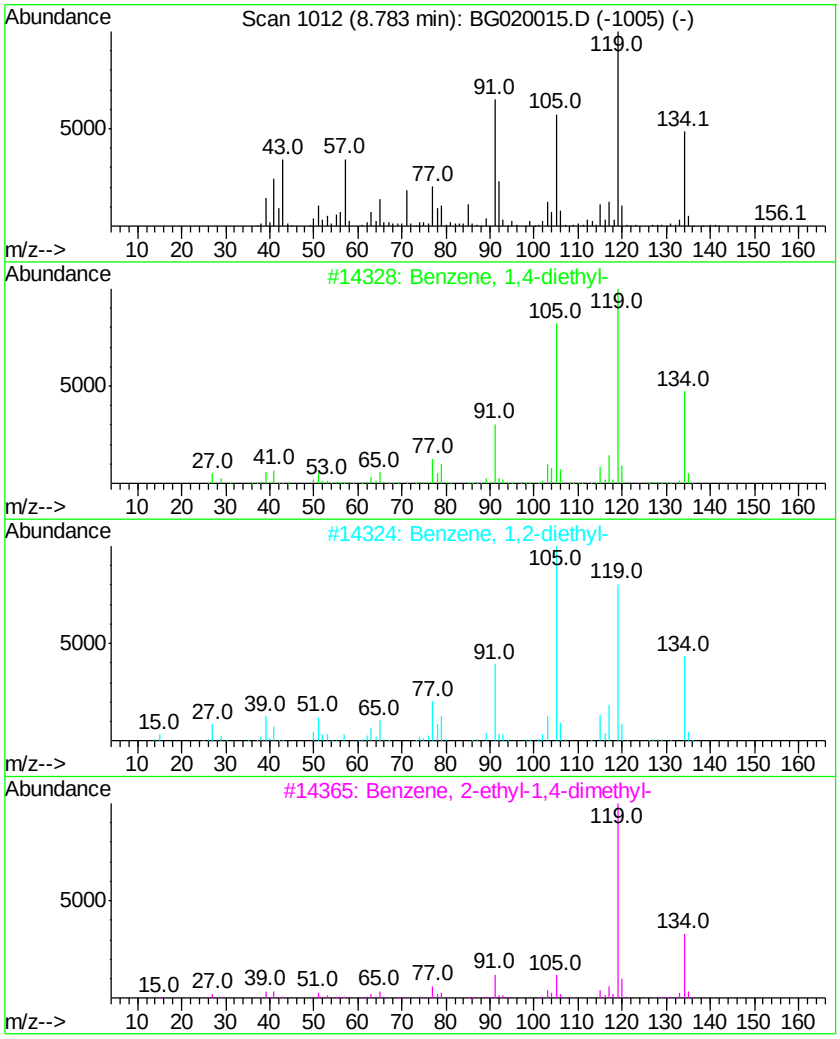
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

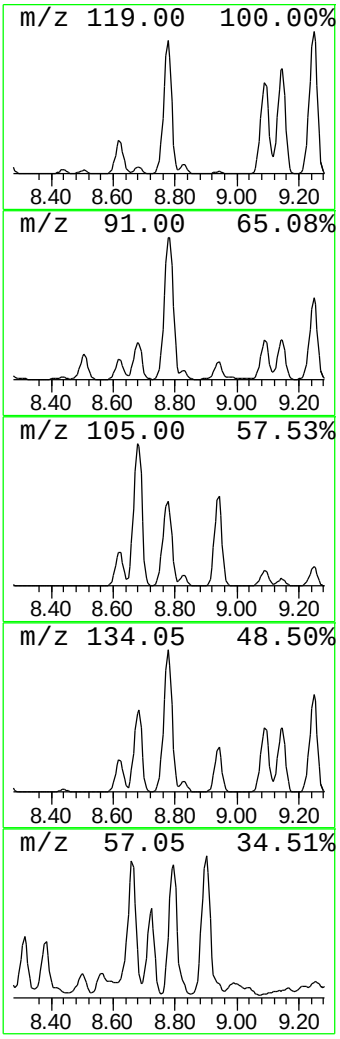
****

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	51.57 ng	7406590	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Library Search Compound Report

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Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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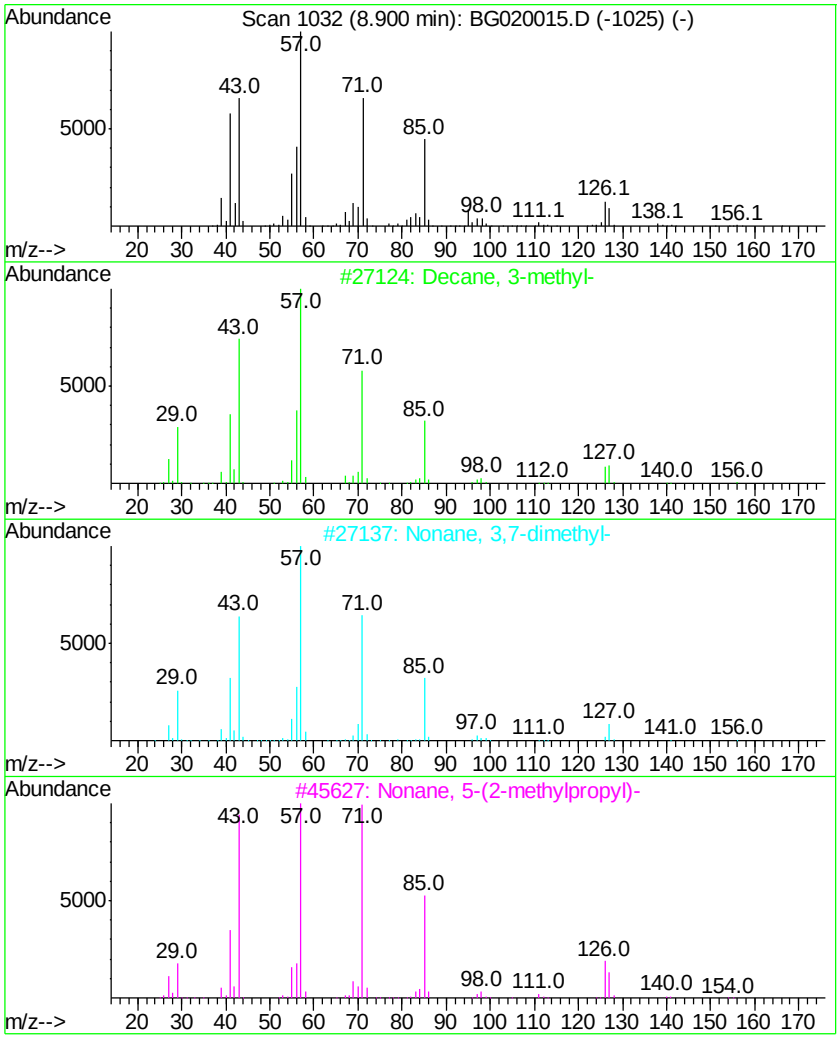
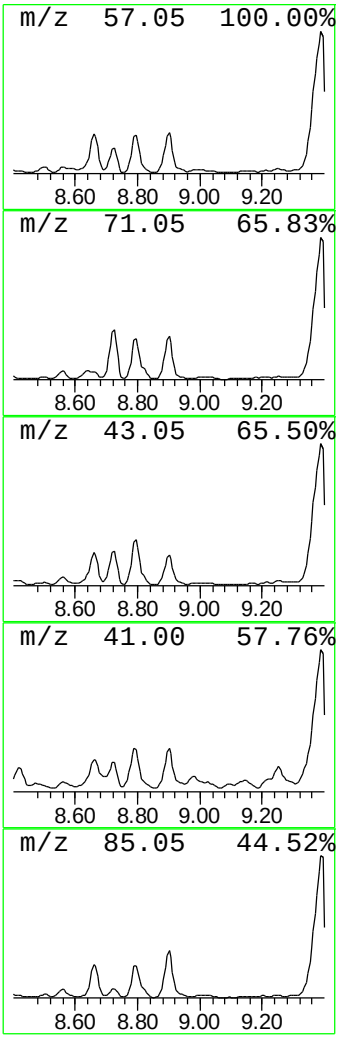
Peak Number 7 Decane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.30 ng	3346090	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	94
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	46





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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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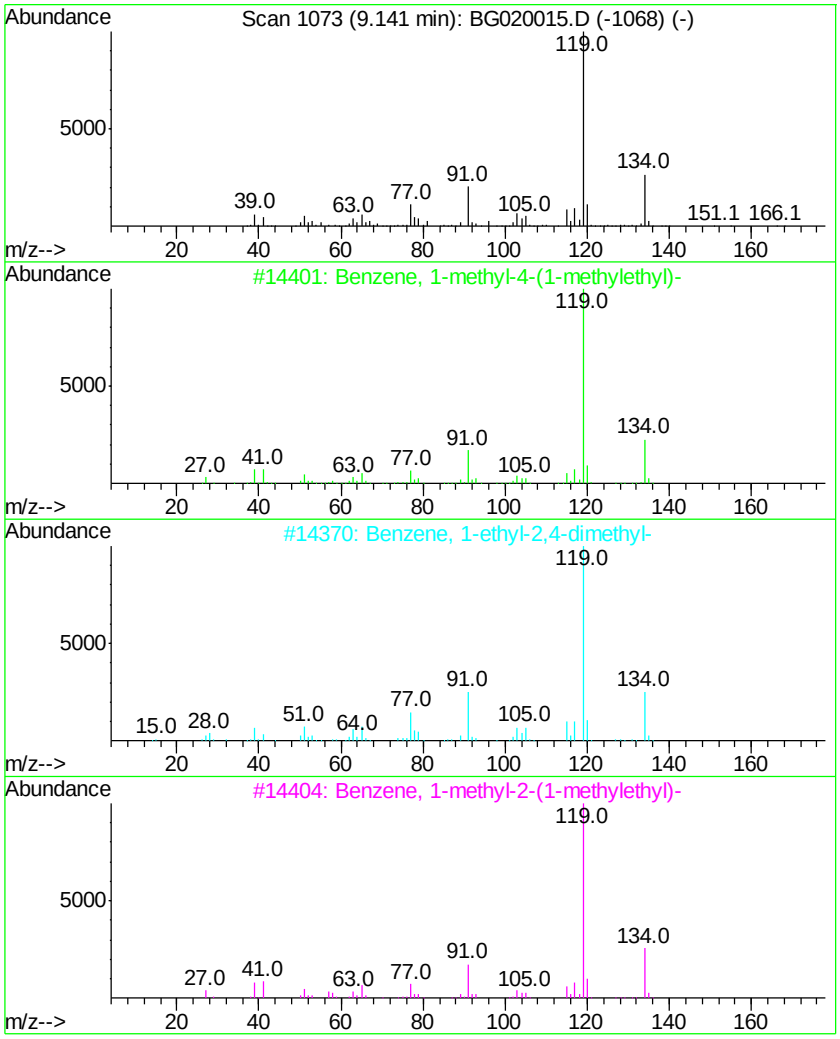
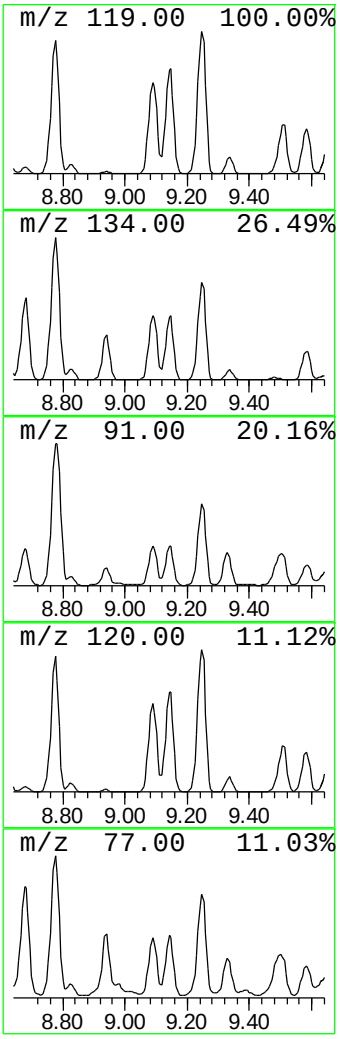
Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	21.83 ng	3134930	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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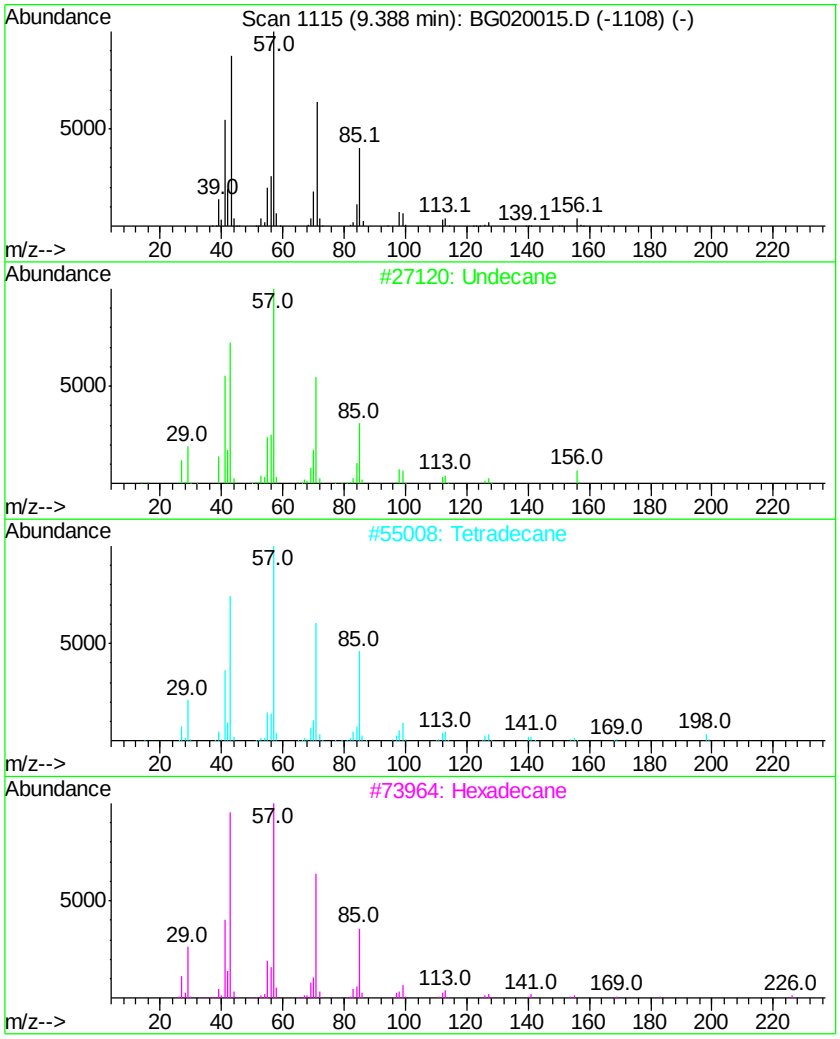
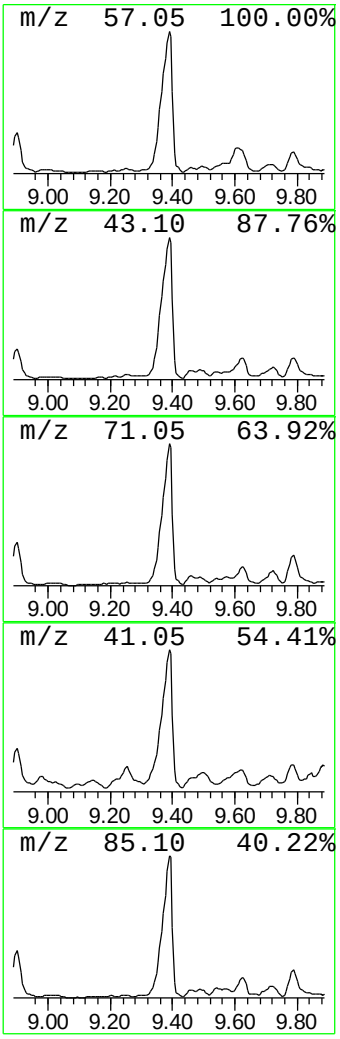
Peak Number 9 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	88.01 ng	12639400	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tetradecane	198	C14H30	000629-59-4	78
3	Hexadecane	226	C16H34	000544-76-3	64
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5	Decane	142	C10H22	000124-18-5	53





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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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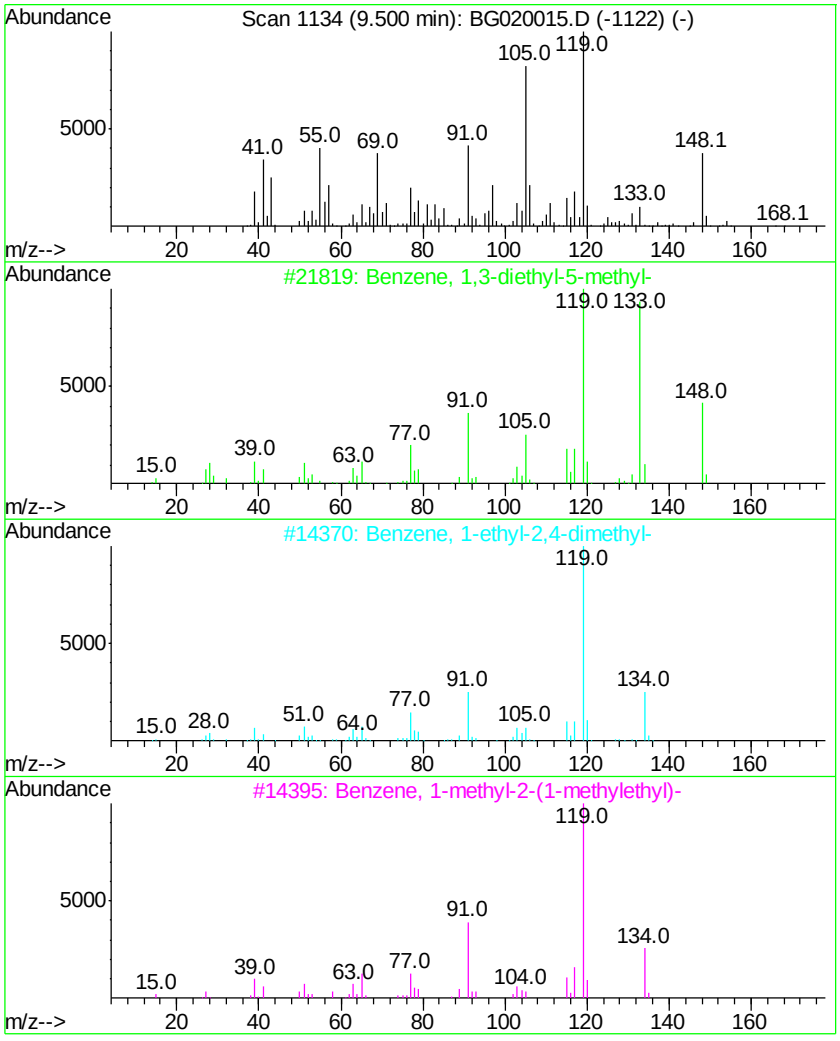
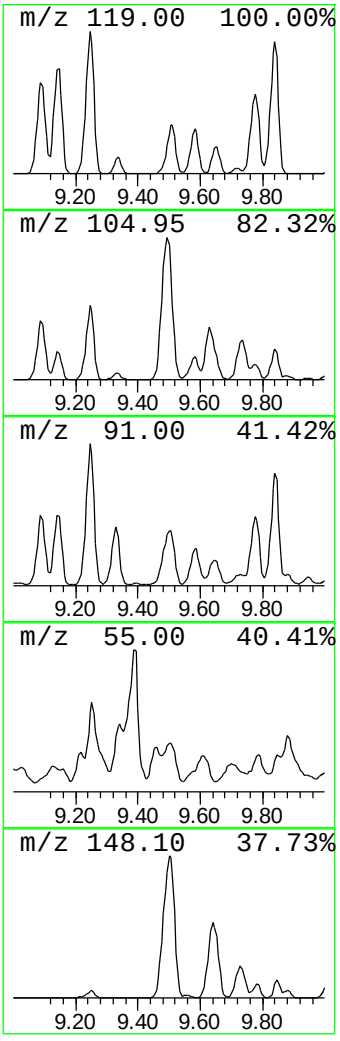
Peak Number 10 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	37.04 ng	5319260	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	49
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43





Library Search Compound Report

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Operator : UM/SJ
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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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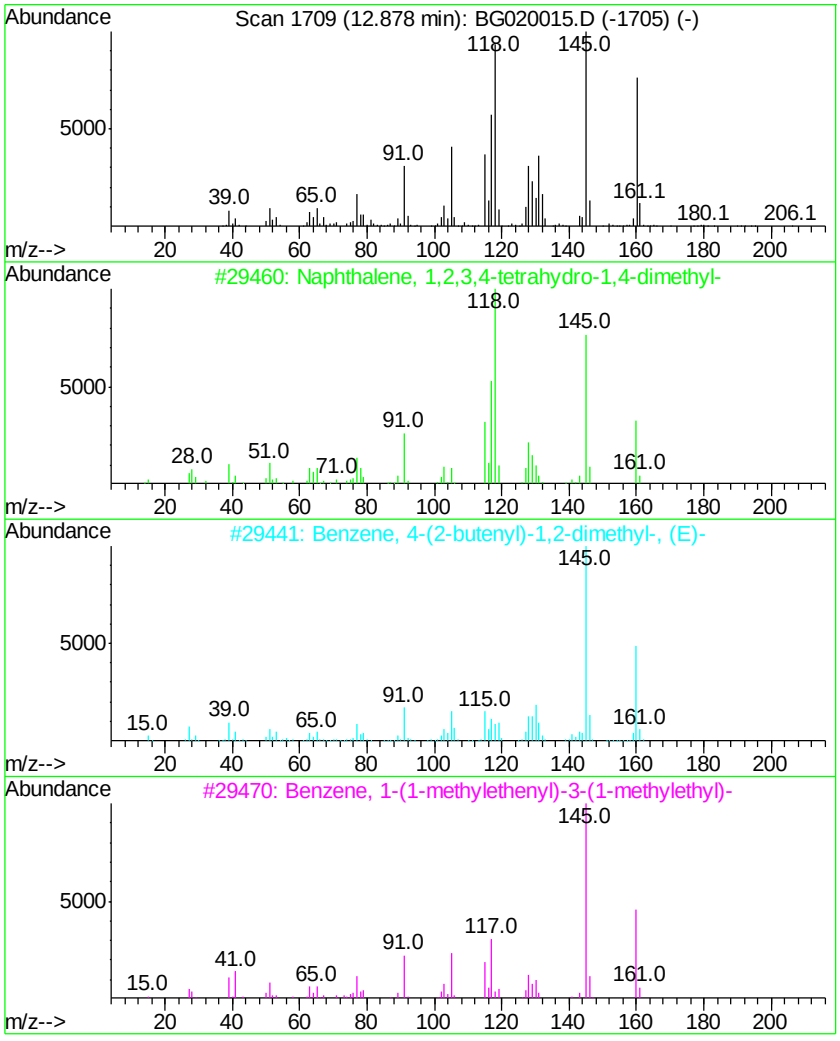
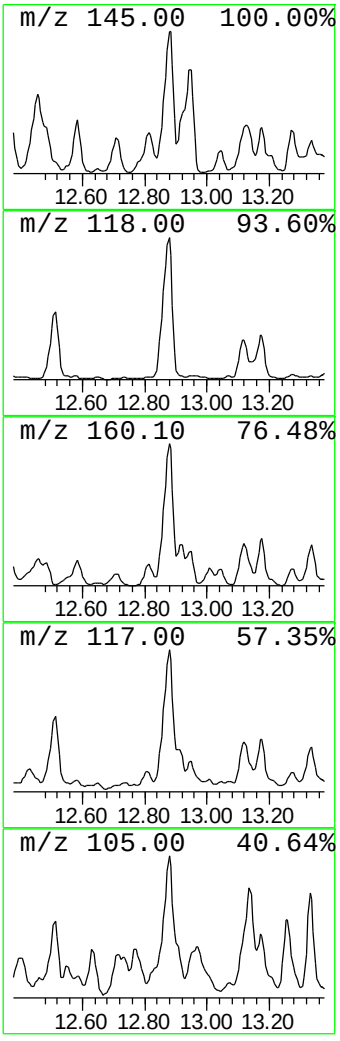
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	26.25 ng	7774410	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
5	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	60





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Sample : G4684-03
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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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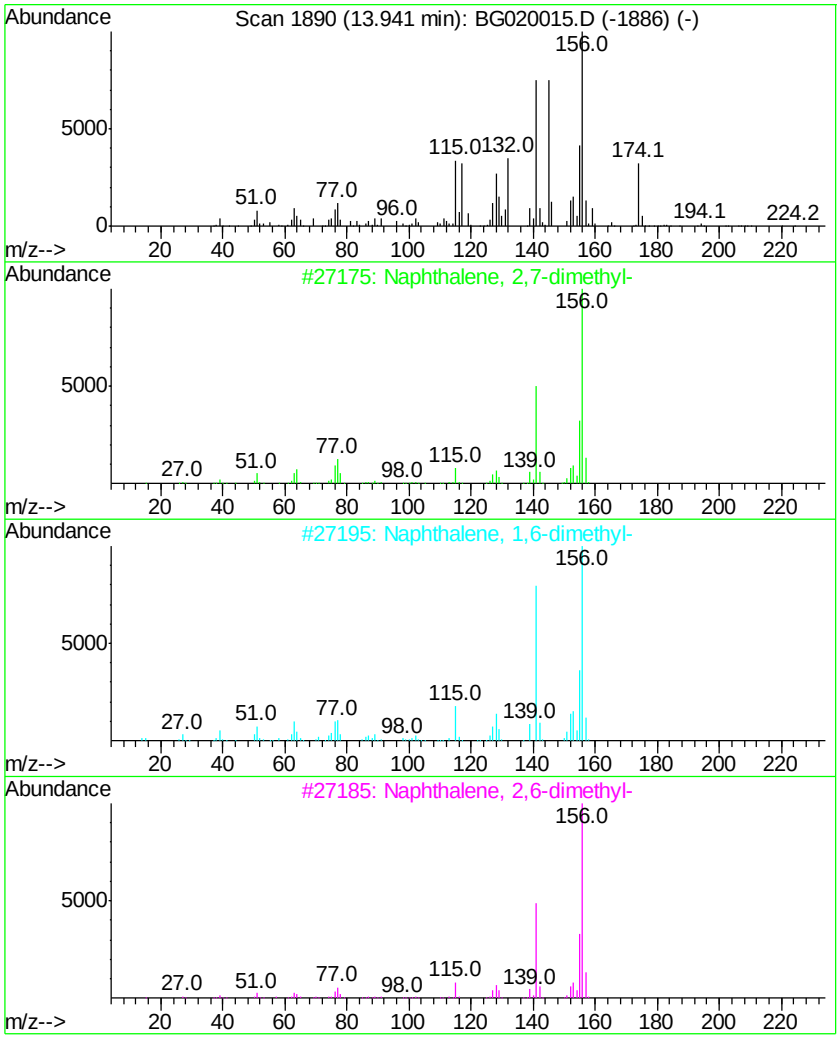
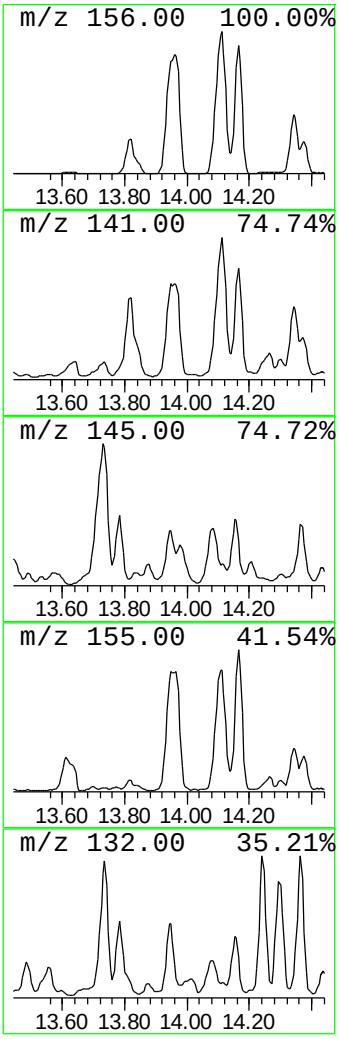
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	22.59 ng	6692060	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86





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Misc :
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Instrument : BNA_G
ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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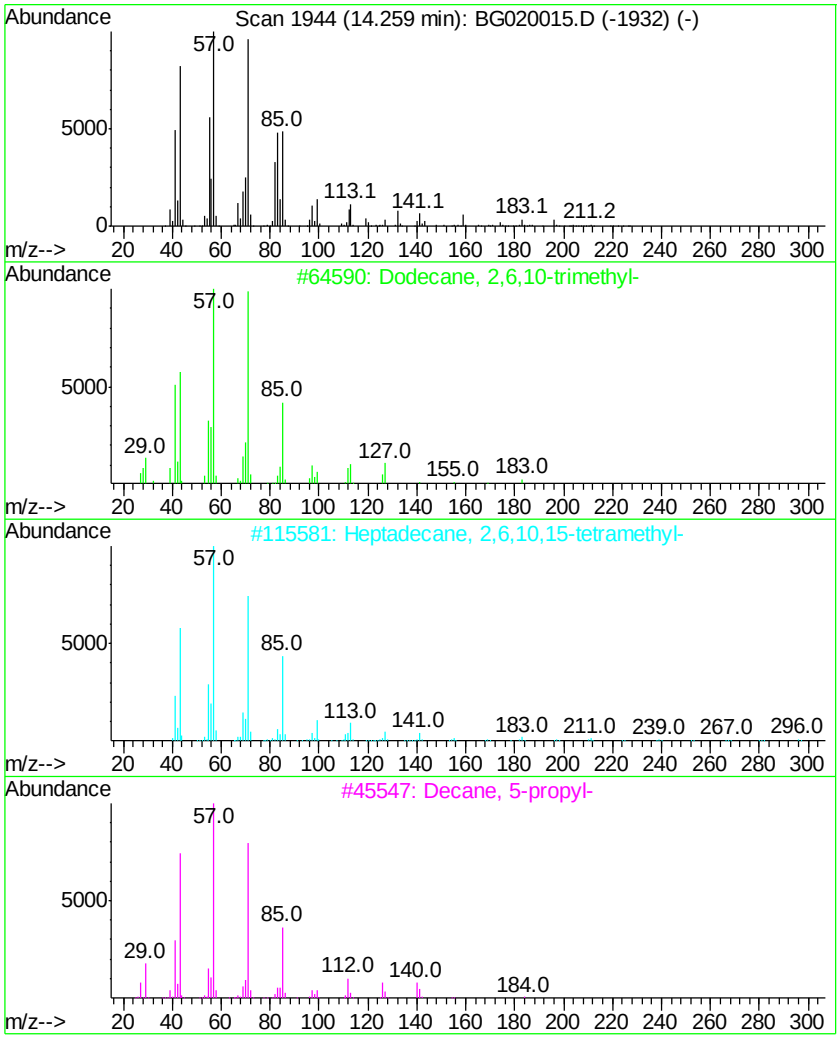
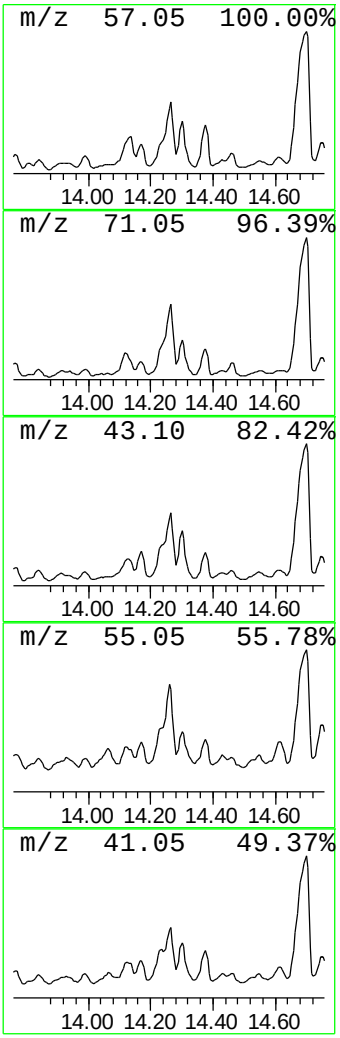
Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	40.62 ng	12031700	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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Instrument : BNA_G
ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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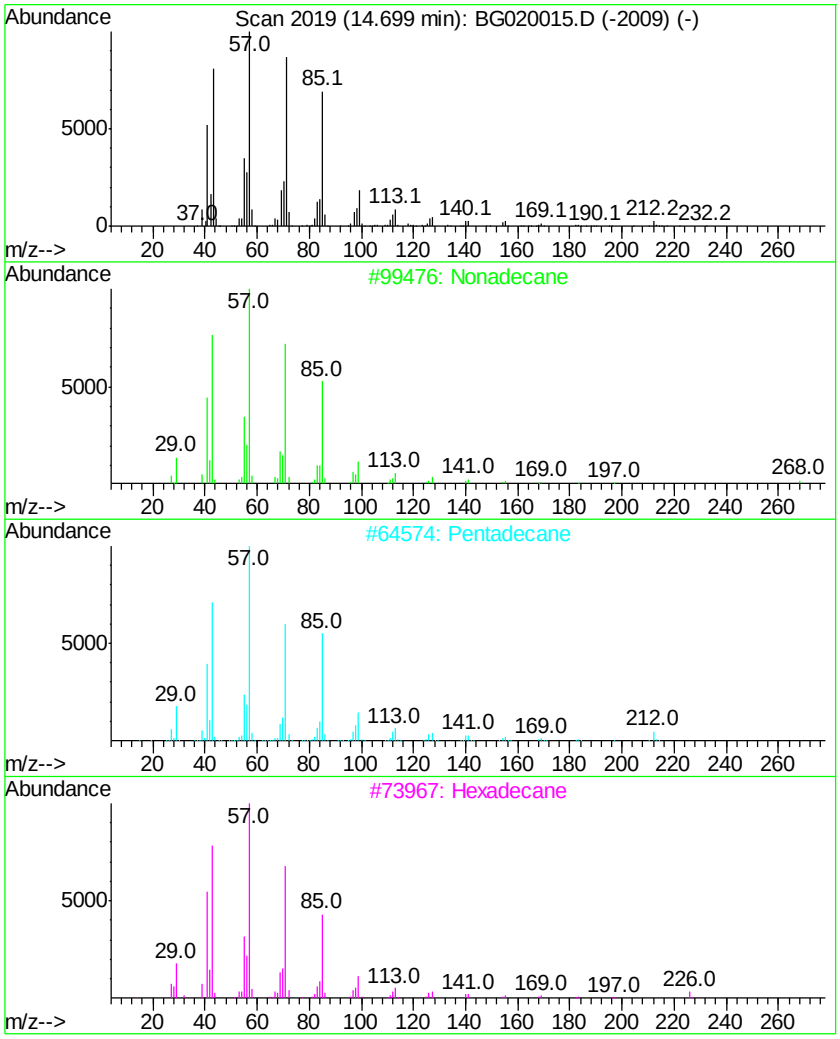
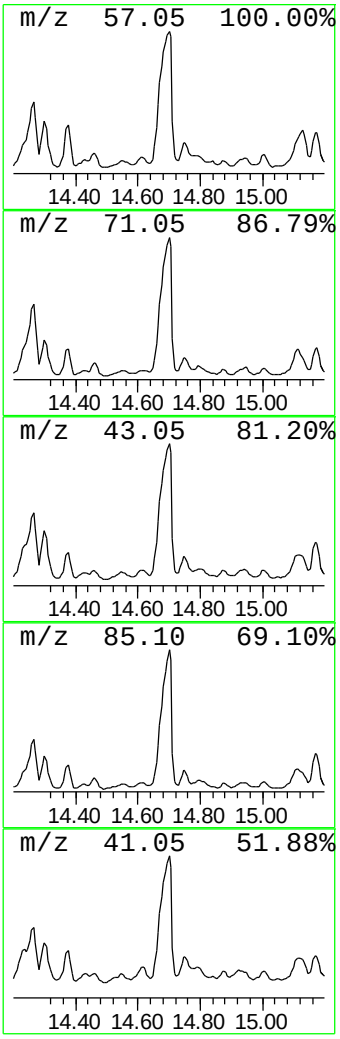
Peak Number 14 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	67.18 ng	19900300	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5	Tetradecane	198	C14H30	000629-59-4	72





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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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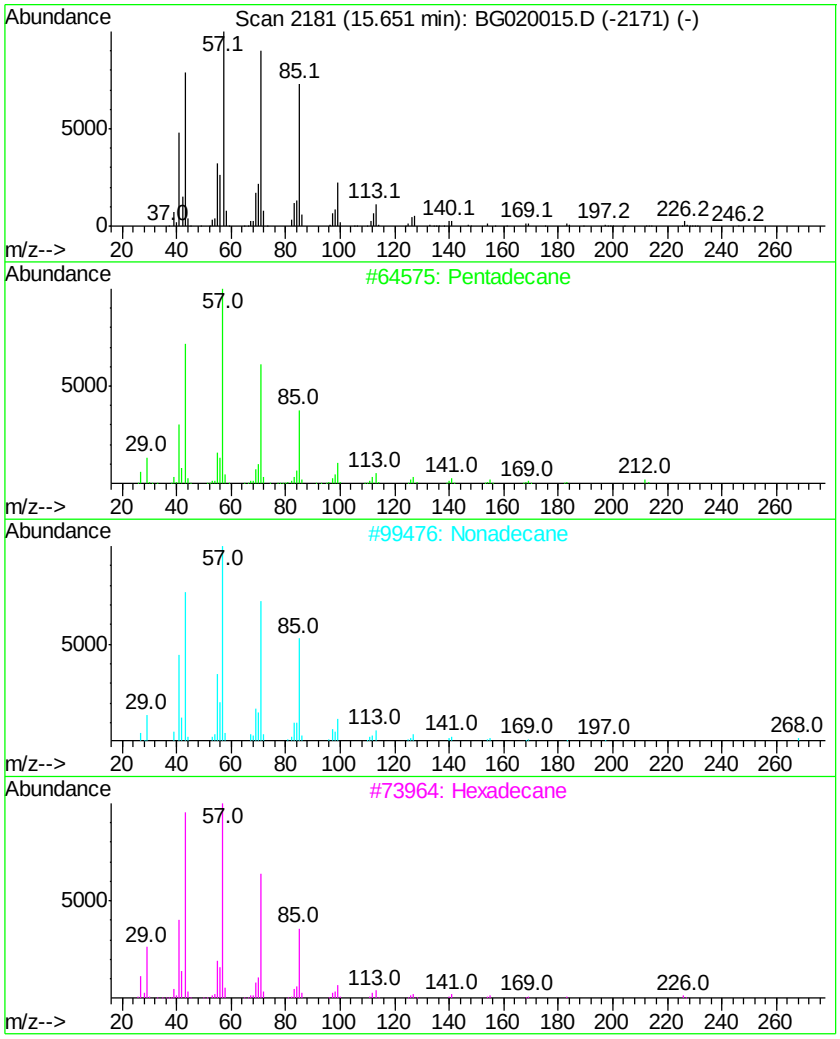
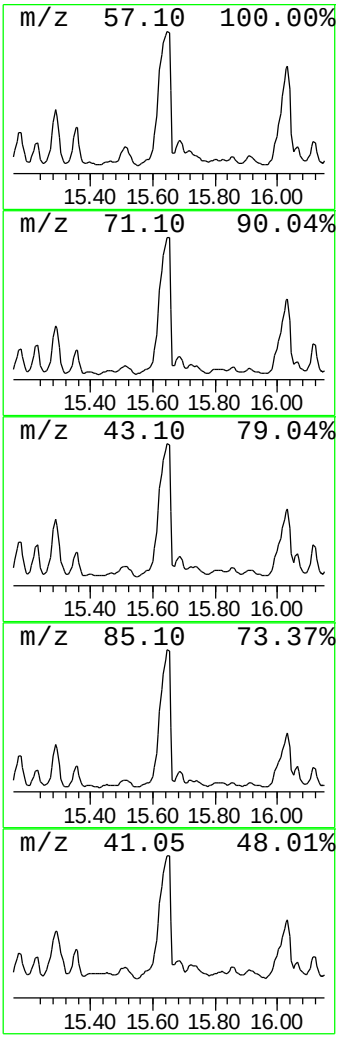
Peak Number 15 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	60.53 ng	17928200	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Instrument : BNA_G
ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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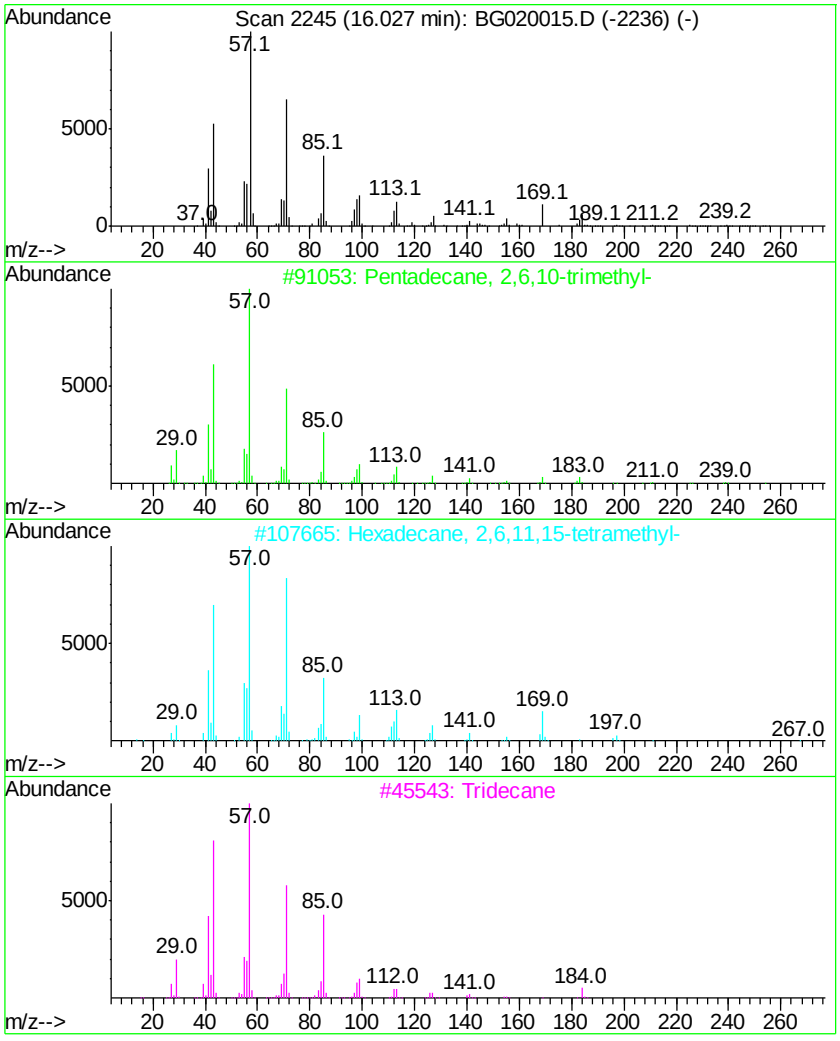
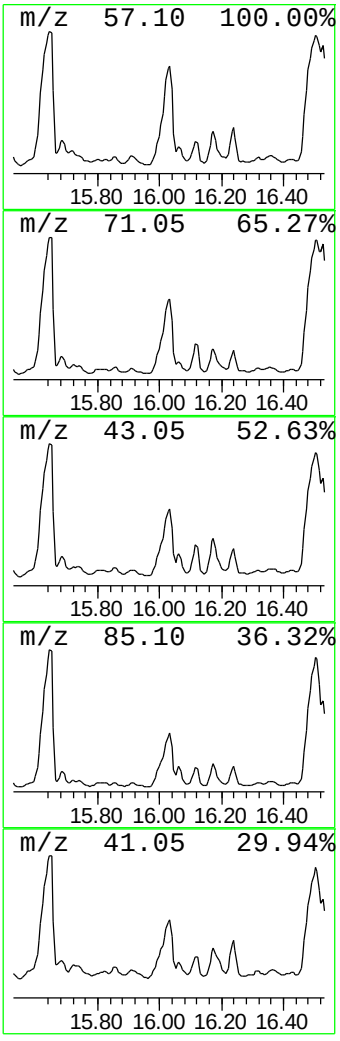
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	36.66 ng	10860500	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	87
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	81
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81





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ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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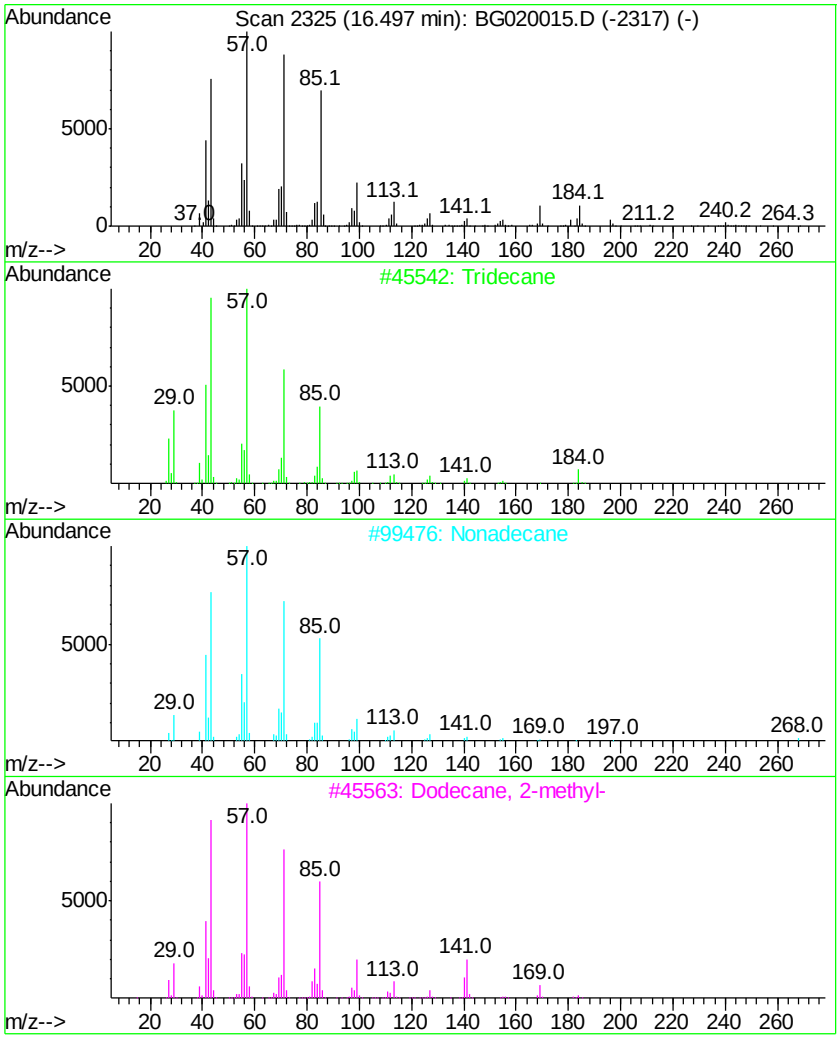
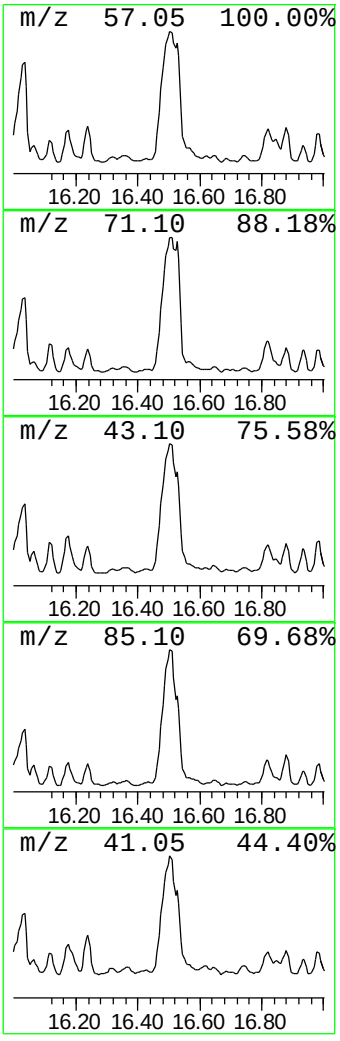
Peak Number 17 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	38.60 ng	21617100	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptadecane	240	C17H36	000629-78-7	83





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Instrument : BNA_G
ClientSampleId : UST-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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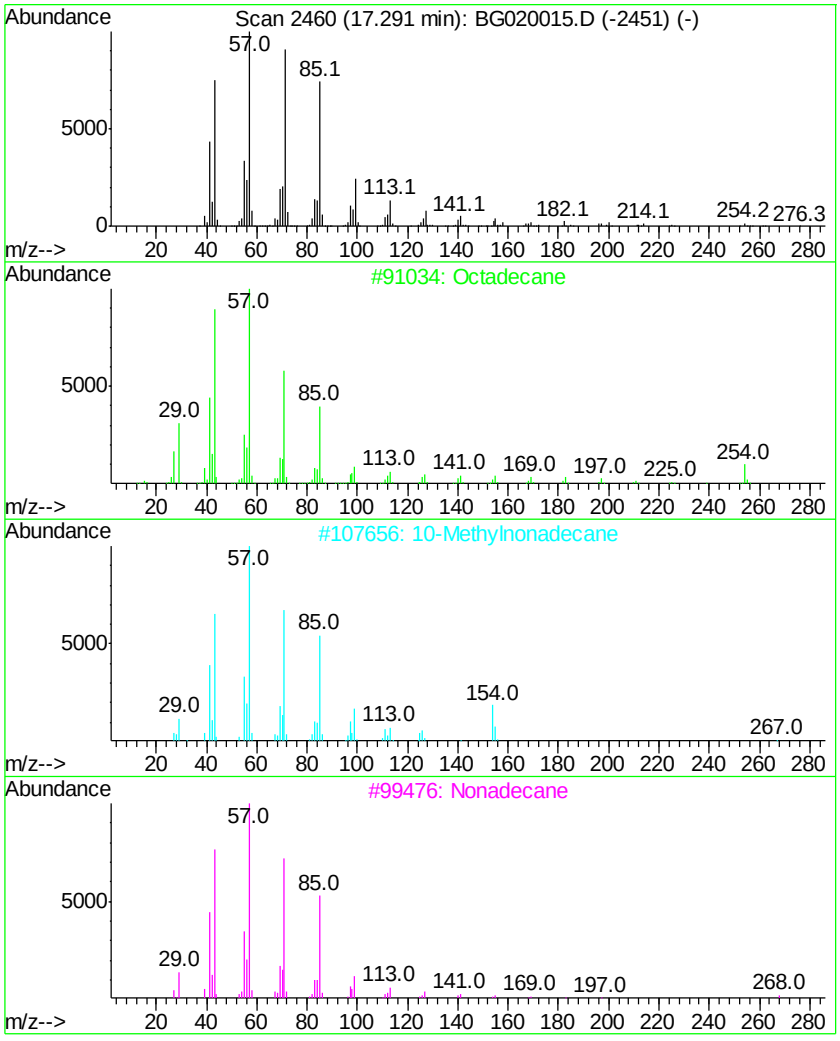
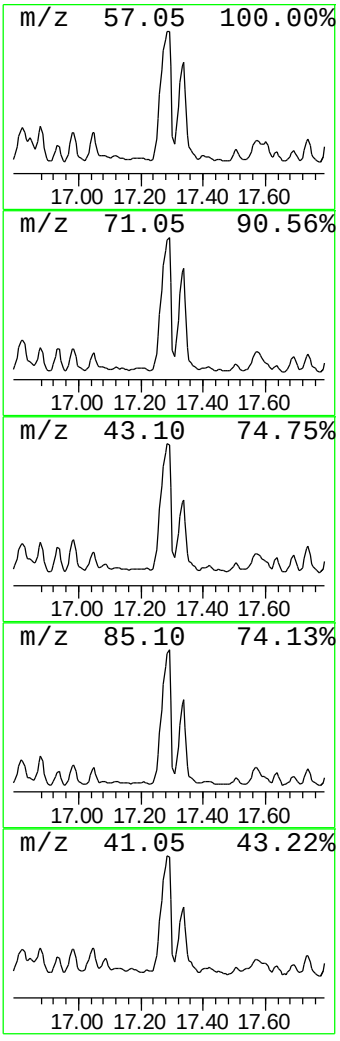
Peak Number 18 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	29.80 ng	16687600	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	10-Methylnonadecane	282	C20H42	056862-62-5	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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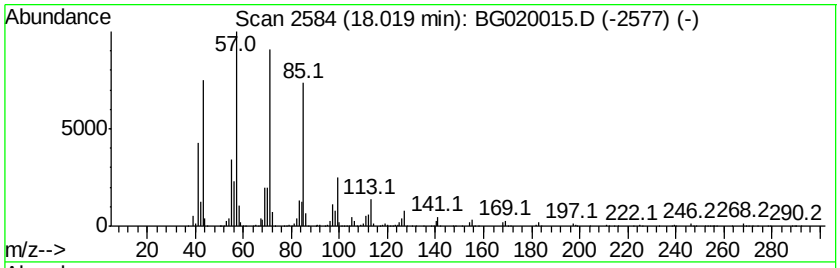
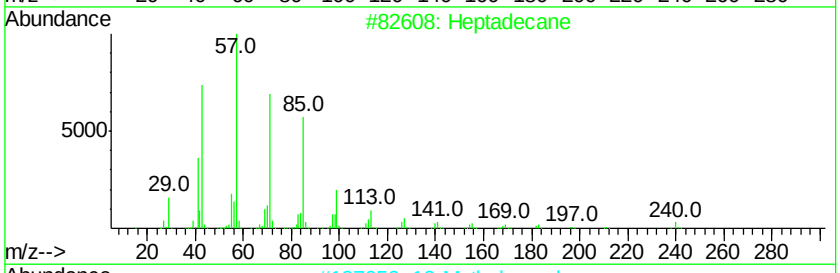
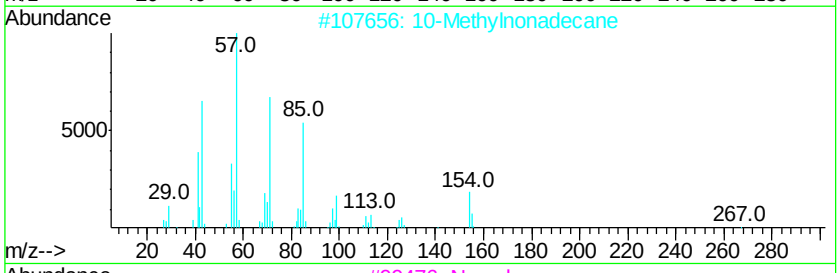
Peak Number 19 Heptadecane Concentration Rank 16

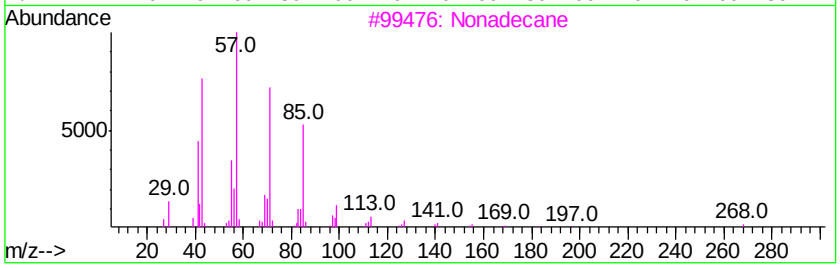
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	26.24 ng	14693300	Phenanthrene-d10	17.52

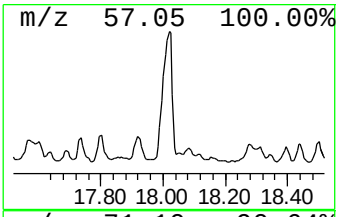
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	10-Methylnonadecane	282	C20H42	056862-62-5	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87

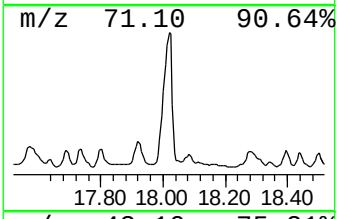


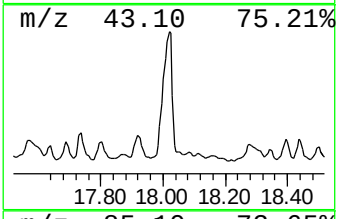


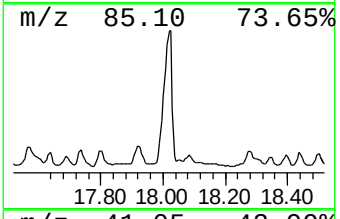


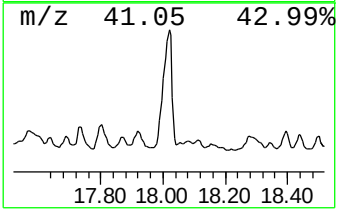












Data Path : Z:\HPCHEM1\BNA G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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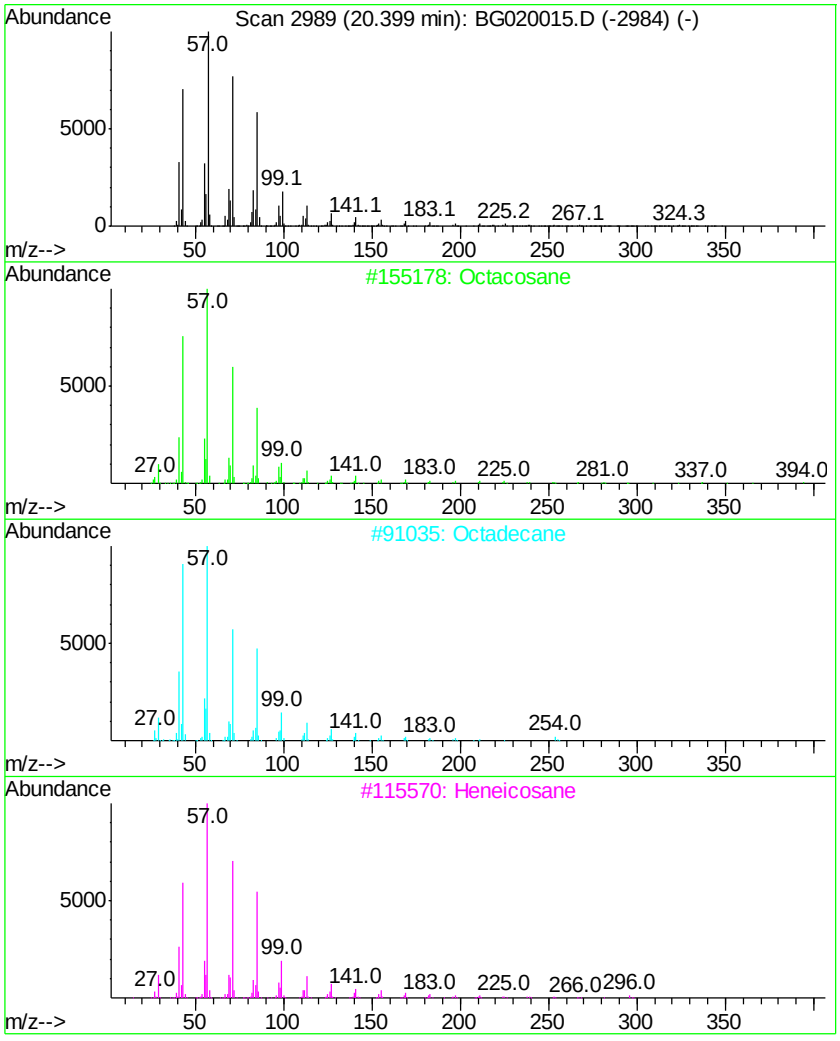
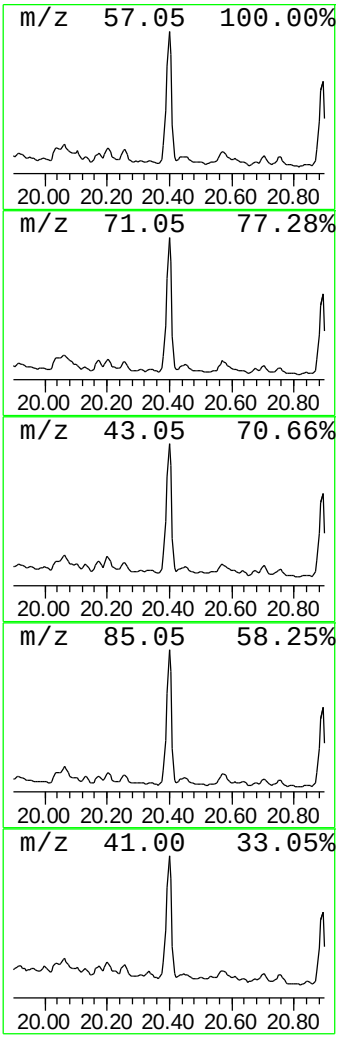
Peak Number 20 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	34.26 ng	5071070	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Nonadecane	268	C19H40	000629-92-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : UST-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonane, 4-methyl-	7.10	24.0	ng	3450410	1	8.12	2872410	20.0
Benzene, 1-ethyl-...	7.21	32.9	ng	4728680	1	8.12	2872410	20.0
Decane	7.76	68.7	ng	9863730	1	8.12	2872410	20.0
Benzene, 1-methyl...	8.68	36.5	ng	5235050	1	8.12	2872410	20.0
Benzene, 1,4-diet...	8.78	51.6	ng	7406590	1	8.12	2872410	20.0
Decane, 3-methyl-	8.90	23.3	ng	3346090	1	8.12	2872410	20.0
Benzene, 1-methyl...	9.14	21.8	ng	3134930	1	8.12	2872410	20.0
Undecane	9.39	88.0	ng	12639400	1	8.12	2872410	20.0
Benzene, 1,3-diet...	9.50	37.0	ng	5319260	1	8.12	2872410	20.0
Naphthalene, 1,2,...	12.88	26.3	ng	7774410	3	14.78	5924190	20.0
Naphthalene, 2,7-...	13.94	22.6	ng	6692060	3	14.78	5924190	20.0
Dodecane, 2,6,10-...	14.26	40.6	ng	12031700	3	14.78	5924190	20.0
Nonadecane	14.70	67.2	ng	19900300	3	14.78	5924190	20.0
Pentadecane	15.65	60.5	ng	17928200	3	14.78	5924190	20.0
Pentadecane, 2,6,...	16.03	36.7	ng	10860500	3	14.78	5924190	20.0
Tridecane	16.50	38.6	ng	21617100	4	17.52	11199200	20.0
Octadecane	17.29	29.8	ng	16687600	4	17.52	11199200	20.0
Heptadecane	18.02	26.2	ng	14693300	4	17.52	11199200	20.0
Octacosane	20.40	34.3	ng	5071070	5	21.77	2960080	20.0