LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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-BG061520.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	7.009	662	667	672	rVV	395551	667972	5.33%	0.318%
2	7.068	672	677	684	rVV3	235920	477262	3.81%	0.227%
3	7.144	684	690	698	rVB	293530	481170	3.84%	0.229%
4	7.567	753	762	770	rBV2	1114444	2738815	21.86%	1.302%
5	7.908	814	820	826	rBV2	436574	852834	6.81%	0.406%
6	8.037	837	842	850	rVB2	359582	687989	5.49%	0.327%
7	8.213	865	872	879	rVV4	153650	417306	3.33%	0.198%
8	8.472	910	916	921	rVV2	564503	1161287	9.27%	0.552%
9	8.566	927	932	946	rVB3	807320	1860448	14.85%	0.885%
10	8.695	948	954	957	rBV	247405	418885	3.34%	0.199%
11	8.730	957	960	969	rVV2	200295	451280	3.60%	0.215%
12	8.883	981	986	990	rBV	301454	502590	4.01%	0.239%
13	8.930	990	994	1002	rVB	363395	634004	5.06%	0.301%
14	9.035	1002	1012	1019	rBV2	770347	1653925	13.20%	0.787%
15	9.165	1028	1034	1043	rVB	1997777	3387974	27.04%	1.611%
16	9.288	1043	1055	1061	rBV7	379665	1088477	8.69%	0.518%
17	9.370	1061	1069	1073	rBV2	238334	570501	4.55%	0.271%
18	9.564	1097	1102	1107	rVV2	404106	890571	7.11%	0.424%
19	9.617	1107	1111	1122	rVB2	566743	1316514	10.51%	0.626%
20	9.817	1135	1145	1148	rBV4	229608	508659	4.06%	0.242%
21	9.858	1148	1152	1157	rVB3	288583	457143	3.65%	0.217%
22	9.917	1157	1162	1169	rBV3	307319	786515	6.28%	0.374%
23	9.981	1169	1173	1176	rBV2	297070	502301	4.01%	0.239%
24	10.081	1185	1190	1194	rBV2	505863	865187	6.90%	0.411%
25	10.134	1194	1199	1207	rVV4	776108	2355927	18.80%	1.120%
26	10.199	1207	1210	1216	rVB2	378466	579322	4.62%	0.275%
27	10.263	1217	1221	1226	rVV2	283930	582236	4.65%	0.277%
28	10.316	1227	1230	1234	rVV3	273094	457801	3.65%	0.218%
29	10.363	1234	1238	1244	rVB2	317254	543665	4.34%	0.259%
30	10.434	1245	1250	1255	rBV	304260	530653	4.23%	0.252%
31	10.716	1290	1298	1304	rVV3	3452840	6160576	49.16%	2.930%
32	10.780	1304	1309	1317	rVV	788843	1617129	12.90%	0.769%
33	10.851	1317	1321	1325	rVB	320783	490049	3.91%	0.233%
34	10.904	1325	1330	1335	rVB	931694	1426669	11.38%	0.678%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.956	1335	1339	1346	rVB3	304095	564276	4.50%	0.268%
36	11.397	1410	1414	1417	rBV3	264681	469795	3.75%	0.223%
37	11.438	1417	1421	1429	rVV6	522393	1163784	9.29%	0.553%
38	11.503	1429	1432	1439	rVB3	308972	587915	4.69%	0.280%
39	11.579	1439	1445	1451	rBV5	558623	1100401	8.78%	0.523%
40	11.655	1451	1458	1465	rVB3	861562	1650811	13.17%	0.785%
41	11.767	1471	1477	1486	rBV3	1521138	3205780	25.58%	1.524%
42	11.843	1486	1490	1496	rVB	388025	710375	5.67%	0.338%
43	11.926	1499	1504	1512	rVB3	901742	1608136	12.83%	0.765%
44	12.172	1539	1546	1555	rVV	4006597	6612594	52.77%	3.145%
45	12.284	1561	1565	1571	rVB3	412204	888443	7.09%	0.422%
46	12.402	1575	1585	1592	rVB2	2463160	5426722	43.30%	2.581%
47	12.619	1615	1622	1625	rBV	1376422	2729227	21.78%	1.298%
48	12.648	1625	1627	1632	rVV2	835595	1171442	9.35%	0.557%
49	12.795	1648	1652	1656	rBV5	401338	570594	4.55%	0.271%
50	12.842	1656	1660	1667	rVB4	434017	965954	7.71%	0.459%
51	12.907	1667	1671	1678	rBV6	515855	1043858	8.33%	0.496%
52	12.977	1678	1683	1688	rVB2	634540	1045975	8.35%	0.497%
53	13.065	1693	1698	1702	rBV4	616454	1211081	9.66%	0.576%
54	13.124	1703	1708	1712	rVB	1902659	2855766	22.79%	1.358%
55	13.365	1744	1749	1752	rBV	858252	1478258	11.80%	0.703%
56	13.418	1752	1758	1764	rVB	5105167	8495977	67.80%	4.040%
57	13.518	1769	1775	1780	rVB3	652296	1430269	11.41%	0.680%
58	13.570	1781	1784	1787	rBV3	413161	618658	4.94%	0.294%
59	13.606	1787	1790	1793	rVB	411660	516820	4.12%	0.246%
60	13.741	1807	1813	1815	rBV5	1320134	2360496	18.84%	1.123%
61	13.905	1835	1841	1845	rVV	2013763	3864324	30.84%	1.838%
62	13.958	1846	1850	1855	rVB	1537930	2532832	20.21%	1.204%
63	14.005	1855	1858	1861	rBV2	624248	747099	5.96%	0.355%
64	14.070	1861	1869	1873	rVV2	2455263	4123584	32.91%	1.961%
65	14.105	1873	1875	1878	rVV	816217	904406	7.22%	0.430%
66	14.140	1878	1881	1884	rVB2	429462	538959	4.30%	0.256%
67	14.416	1924	1928	1934	rVB3	800364	1432092	11.43%	0.681%
68	14.493	1934	1941	1945	rBV	7121515	10164113	81.11%	4.834%
69	14.552	1946	1951	1960	rBV4	1318756	3280911	26.18%	1.560%
70	14.792	1987	1992	2001	rVB2	895361	2368897	18.90%	1.127%
71	14.986	2020	2025	2030	rVB	1561390	2536315	20.24%	1.206%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.057	2031	2037	2041	rVV2	981318	2054668	16.40%	0.977%
73	15.104	2041	2045	2053	rVB5	1500925	2587673	20.65%	1.231%
74	15.168	2053	2056	2058	rBV	385315	451557	3.60%	0.215%
75	15.204	2058	2062	2066	rVV	818521	1347147	10.75%	0.641%
76	15.256	2067	2071	2075	rVB	785903	1143472	9.12%	0.544%
77	15.444	2098	2103	2107	rVB	6854483	9343500	74.56%	4.443%
78	15.621	2129	2133	2137	rBV3	742505	1198992	9.57%	0.570%
79	15.674	2138	2142	2146	rVB4	534536	1018264	8.13%	0.484%
80	15.803	2159	2164	2165	rBV4	398969	659653	5.26%	0.314%
81	15.844	2166	2171	2176	rVB	2984562	4702033	37.52%	2.236%
82	15.997	2192	2197	2202	rBV3	816142	1577496	12.59%	0.750%
83	16.055	2203	2207	2210	rVB2	759326	1116829	8.91%	0.531%
84	16.308	2244	2250	2253	rBV	6901755	12531621	100.00%	5.959%
85	16.337	2253	2255	2263	rVB	6425437	6371239	50.84%	3.030%
86	17.101	2379	2385	2388	rVV	5767479	7924840	63.24%	3.769%
87	17.148	2388	2393	2402	rVB	3256949	5298766	42.28%	2.520%
88	17.330	2421	2424	2428	rBV2	641651	965374	7.70%	0.459%
89	17.371	2428	2431	2434	rBV	430663	647106	5.16%	0.308%
90	17.747	2491	2495	2503	rBV3	877183	1730738	13.81%	0.823%
91	17.835	2504	2510	2514	rVB	5700407	7432283	59.31%	3.534%
92	18.211	2571	2574	2578	rBV2	394698	635604	5.07%	0.302%
93	18.258	2579	2582	2588	rVB2	841911	1420114	11.33%	0.675%
94	18.523	2622	2627	2632	rBV	4494741	5512955	43.99%	2.622%
95	19.151	2726	2734	2738	rBV2	3363240	4742225	37.84%	2.255%
96	19.721	2827	2831	2835	rVB	2272952	2550376	20.35%	1.213%
97	20.250	2917	2921	2926	rVB	1438795	1634856	13.05%	0.777%
98	20.743	3001	3005	3013	rVB	730436	918205	7.33%	0.437%
99	21.577	3142	3147	3160	rVB	468950	891031	7.11%	0.424%
100	24.708	3672	3680	3692	rVB	268251	775332	6.19%	0.369%

Sum of corrected areas: 210284524

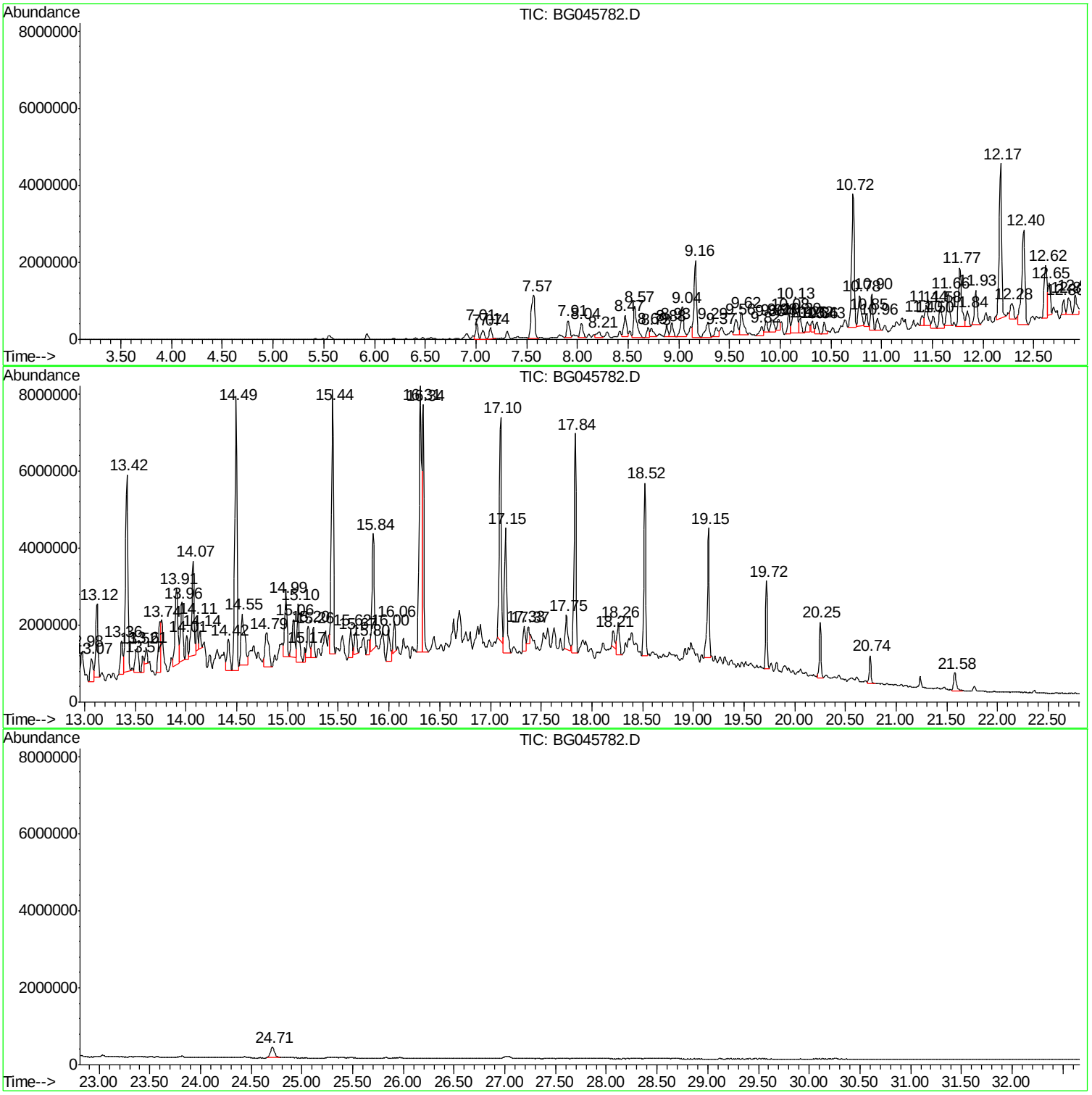
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

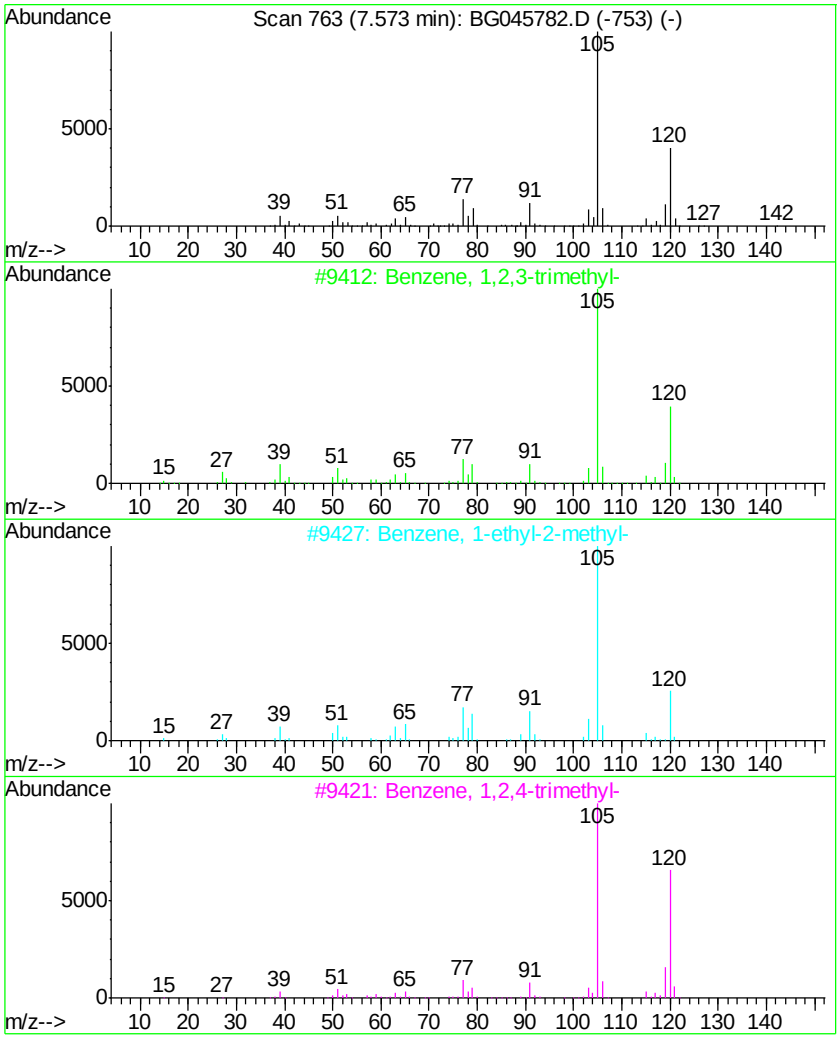
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

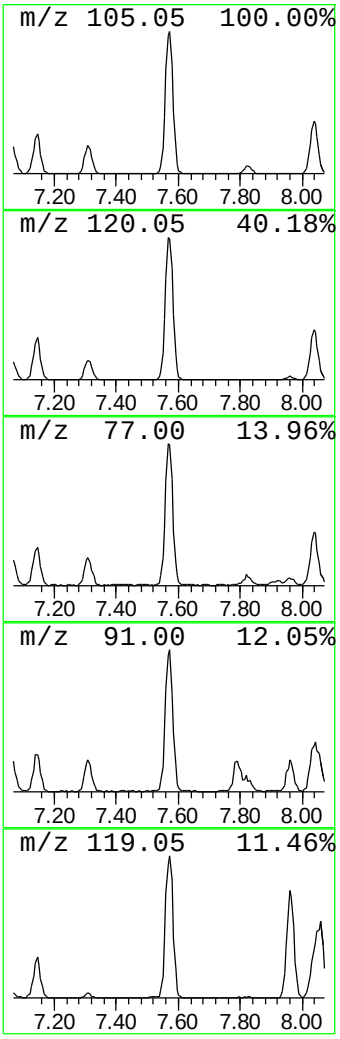
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	64.23 ng	2738820	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

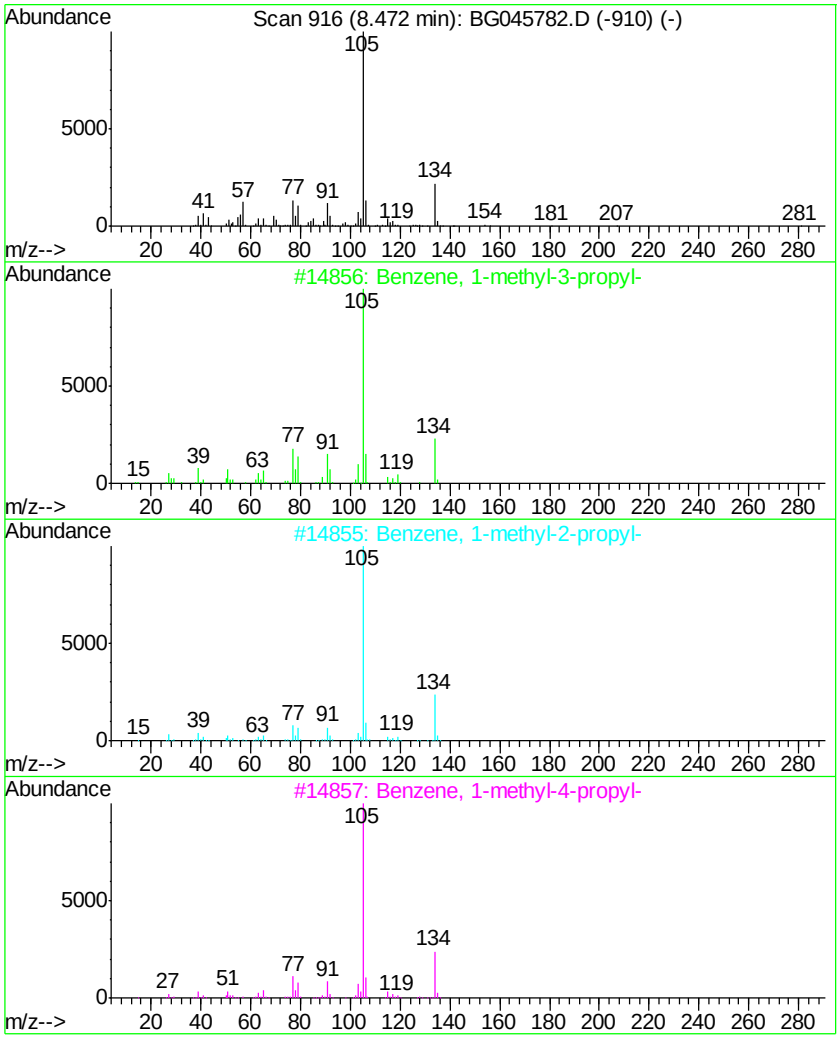
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

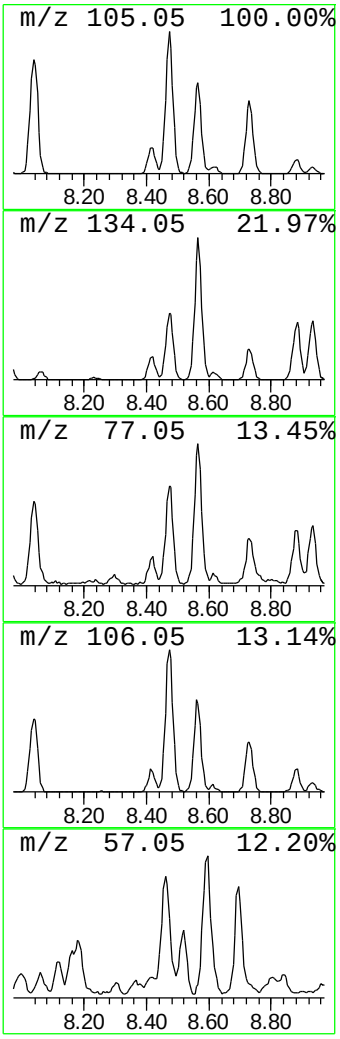
****

Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	27.23 ng	1161290	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	2-Tolyloxirane	134	C9H10O	002783-26-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

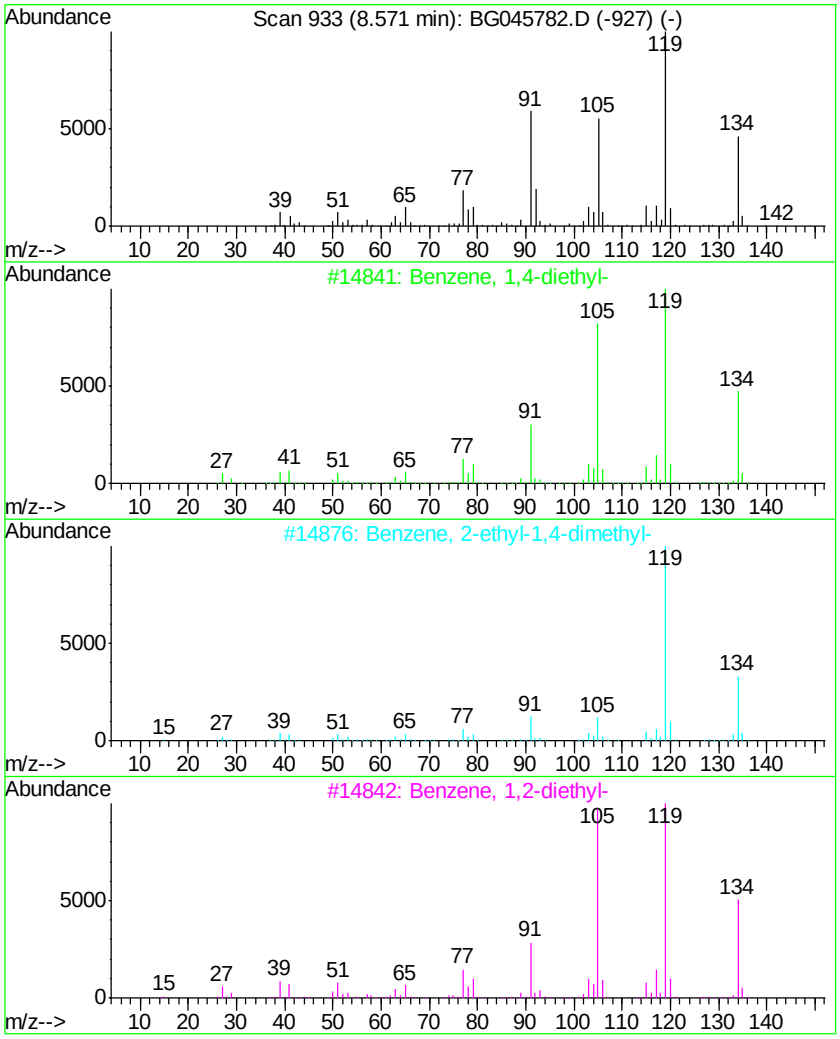
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

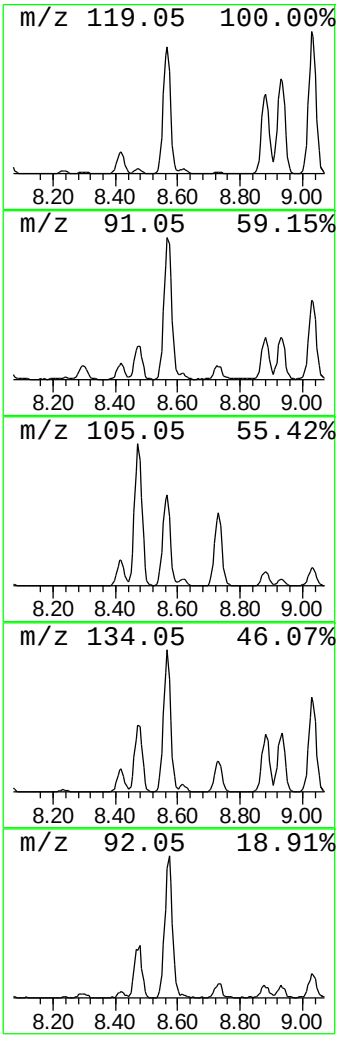
****

Peak Number 3 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	43.63 ng	1860450	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

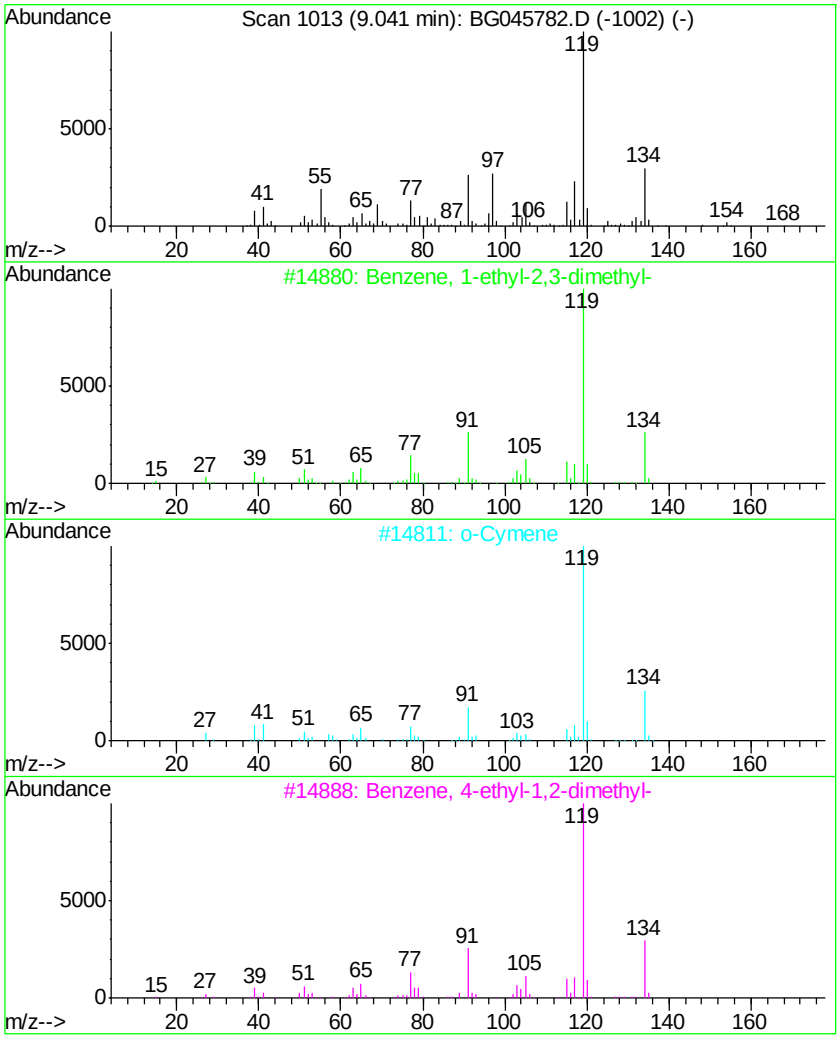
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

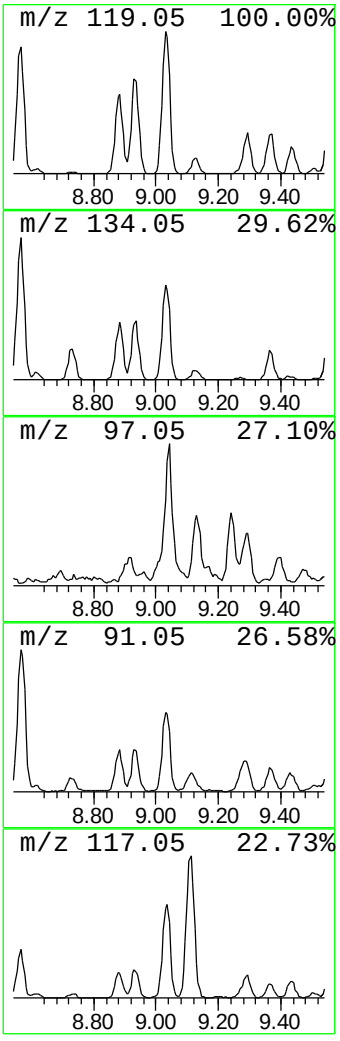
****

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	38.79 ng	1653930	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

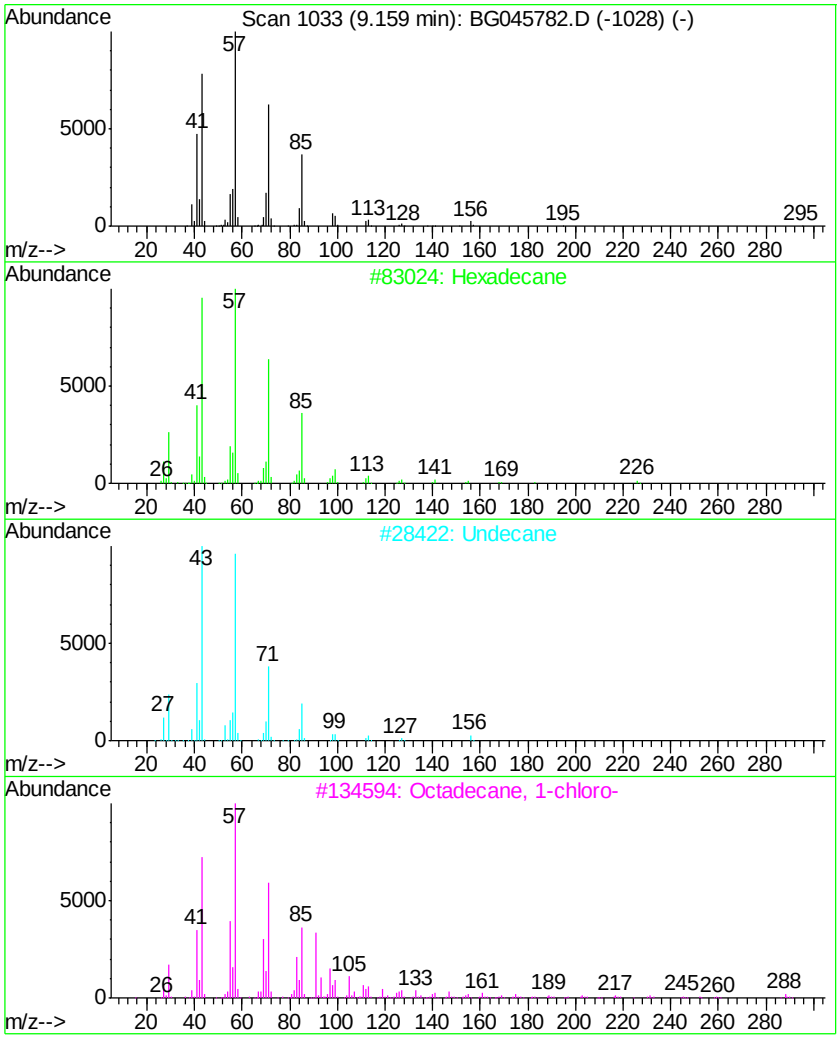
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

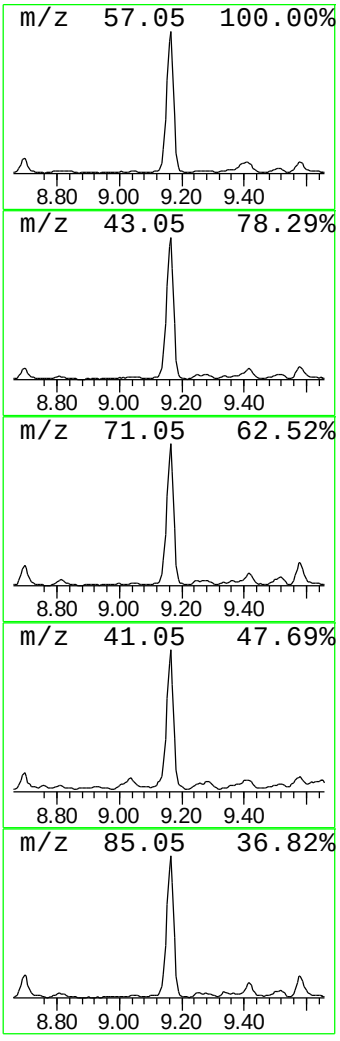
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	79.45 ng	3387970	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Undecane	156	C11H24	001120-21-4	81
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	78
4	Nonadecane	268	C19H40	000629-92-5	78
5	Tetradecane	198	C14H30	000629-59-4	72





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Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

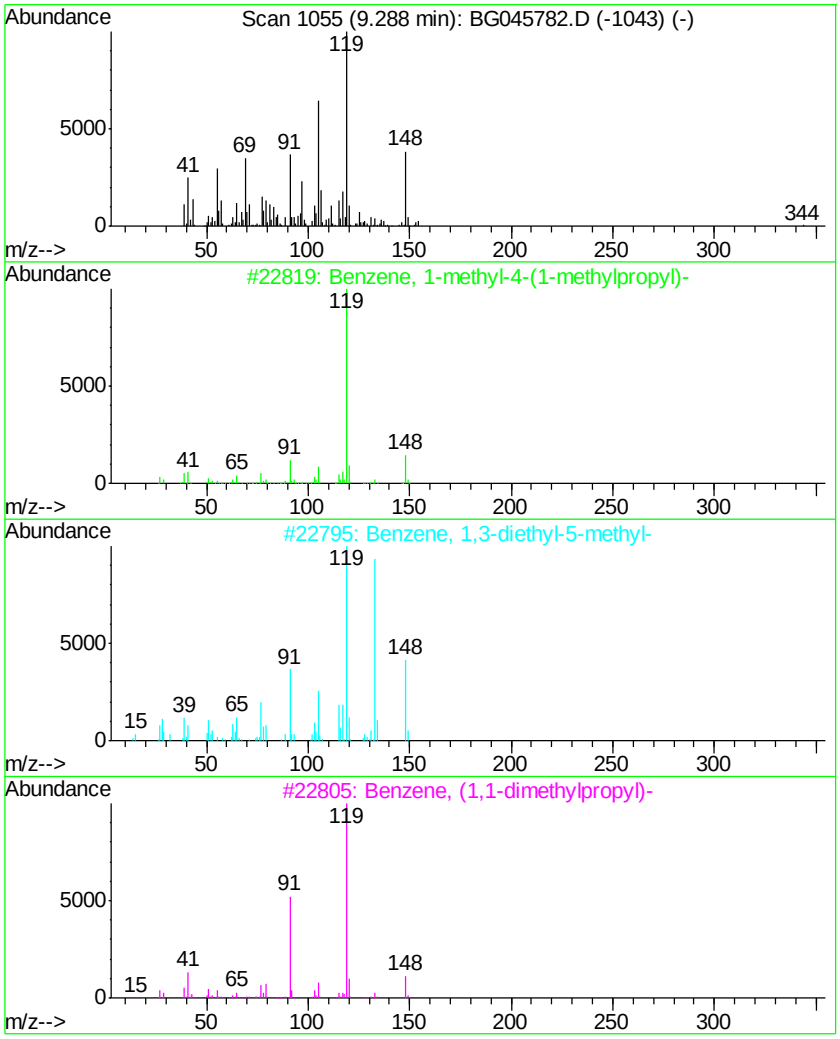
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

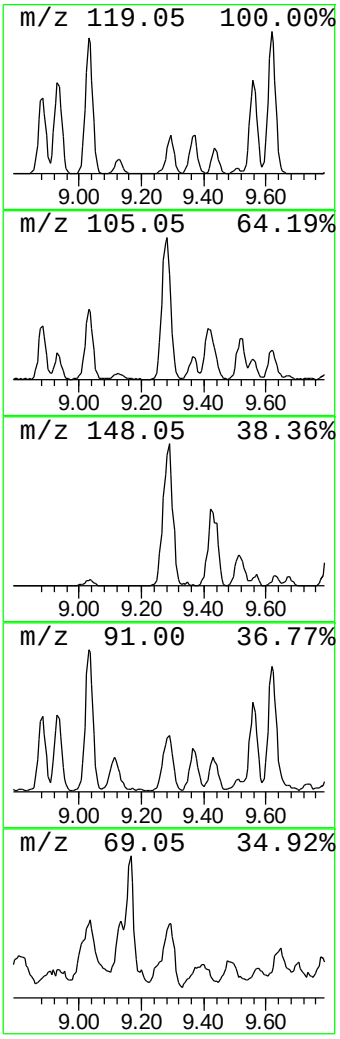
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-4-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	25.53 ng	1088480	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	68
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	58
5	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	52





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Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

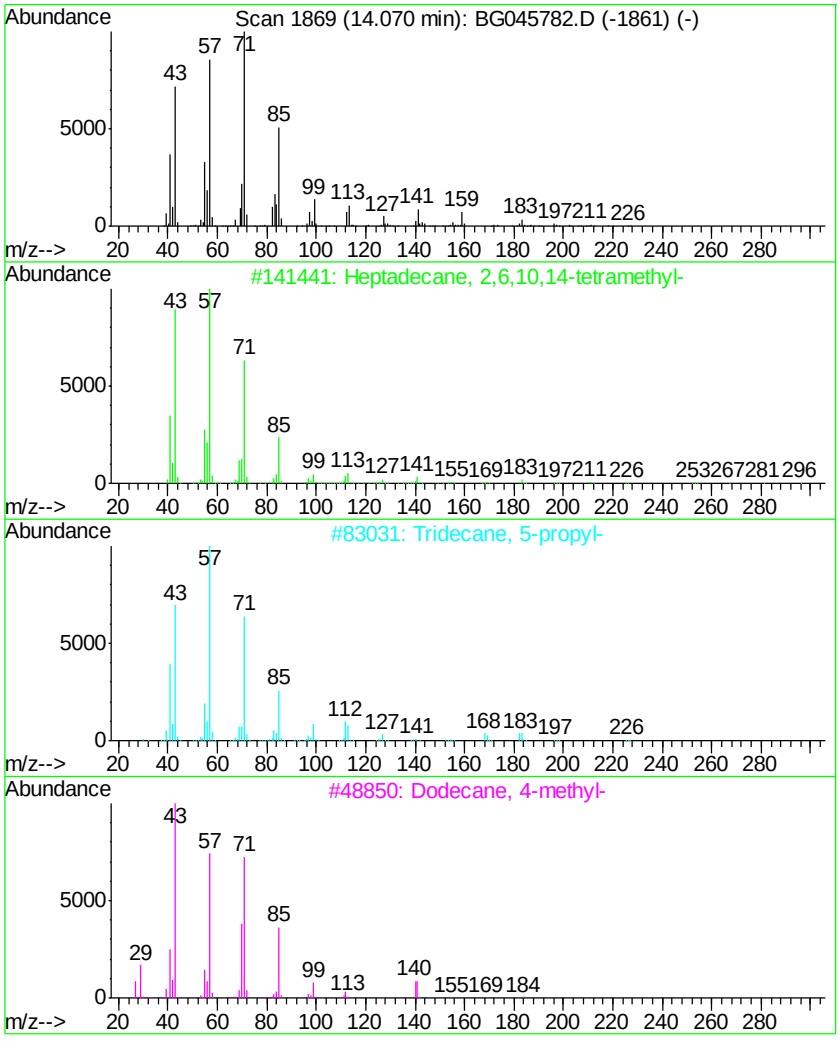
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

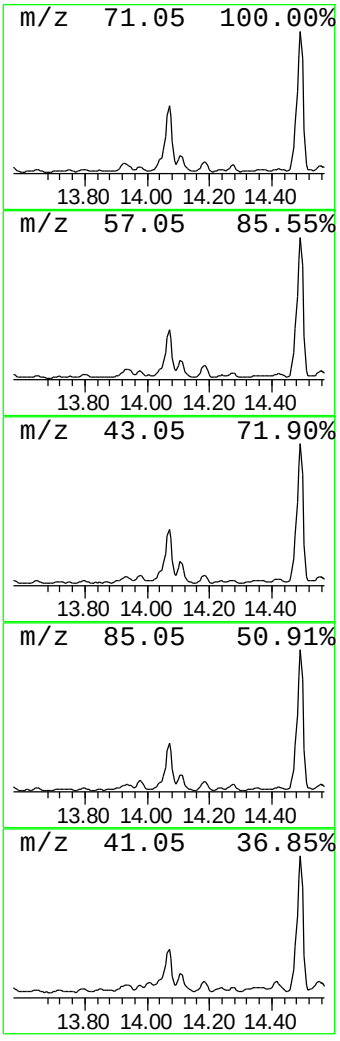
****

Peak Number 7 Heptadecane, 2,6,10,14-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	25.14 ng	4123580	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





Library Search Compound Report

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Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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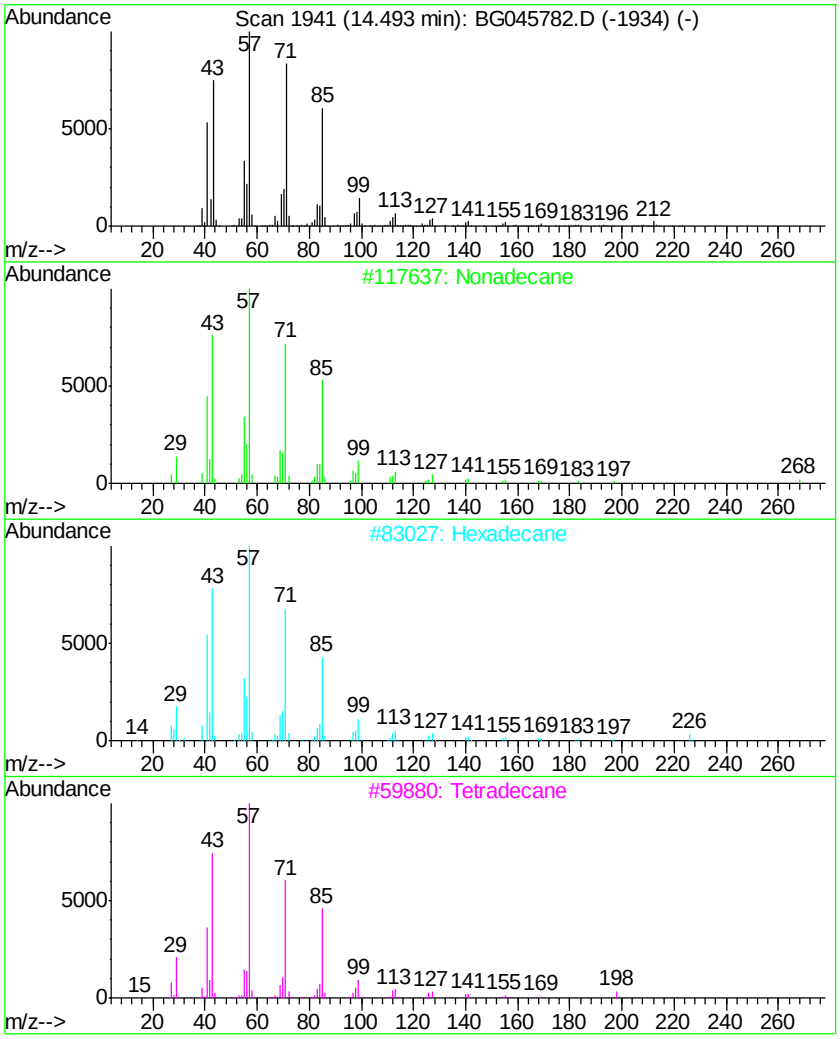
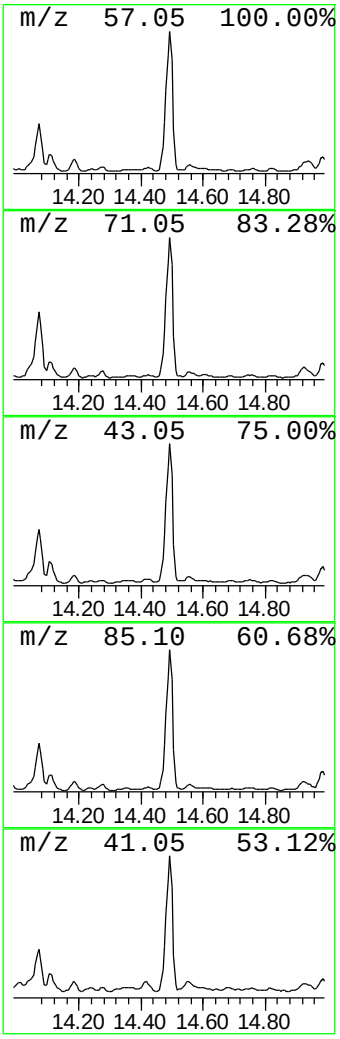
Peak Number 8 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	61.96 ng	10164100	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	70





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Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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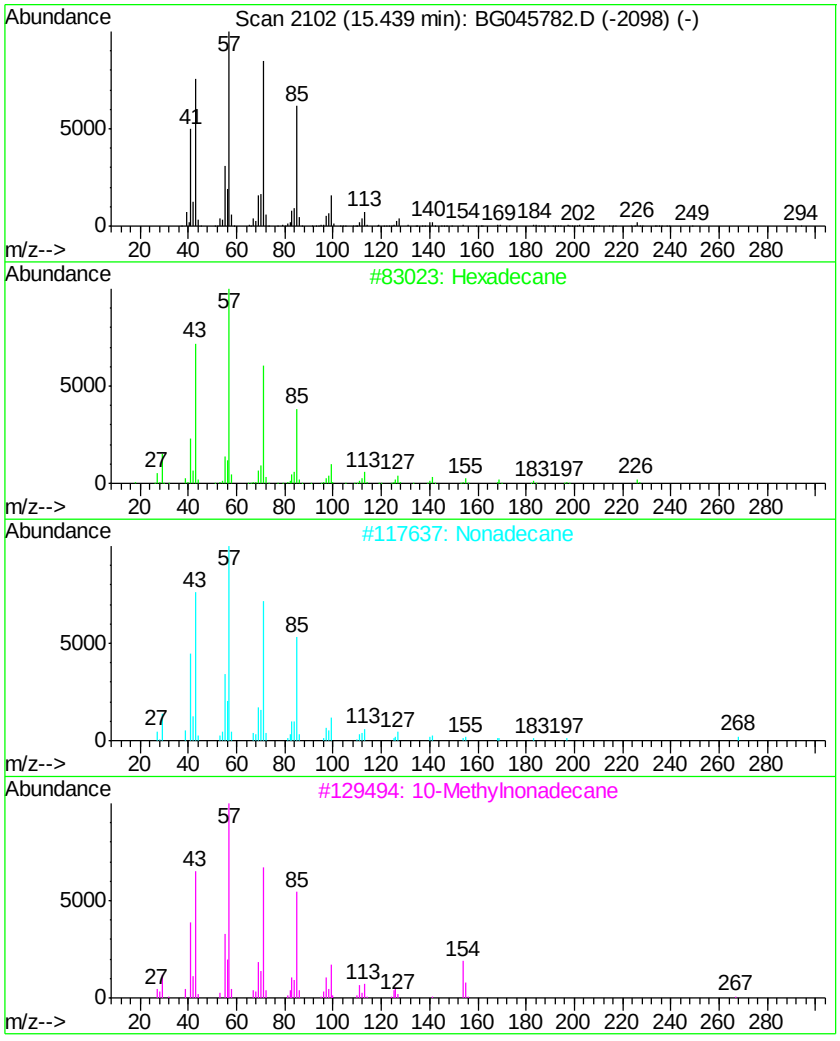
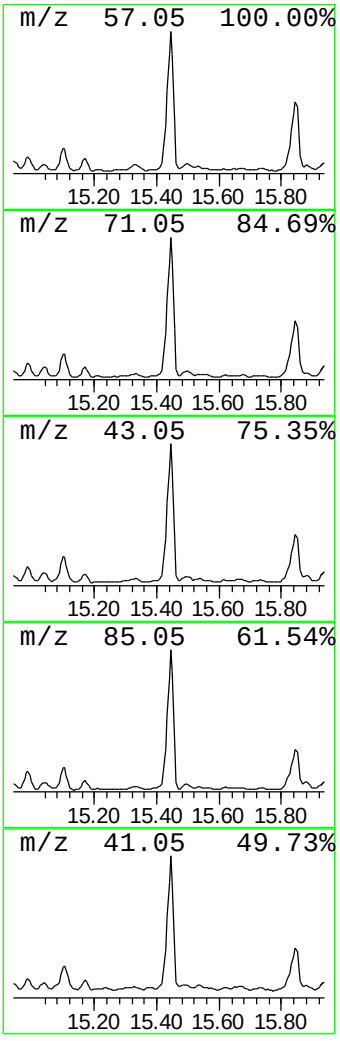
Peak Number 9 10-Methylnonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	56.96 ng	9343500	Acenaphthene-d10	14.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	10-Methylnonadecane	282	C20H42	056862-62-5	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	80





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Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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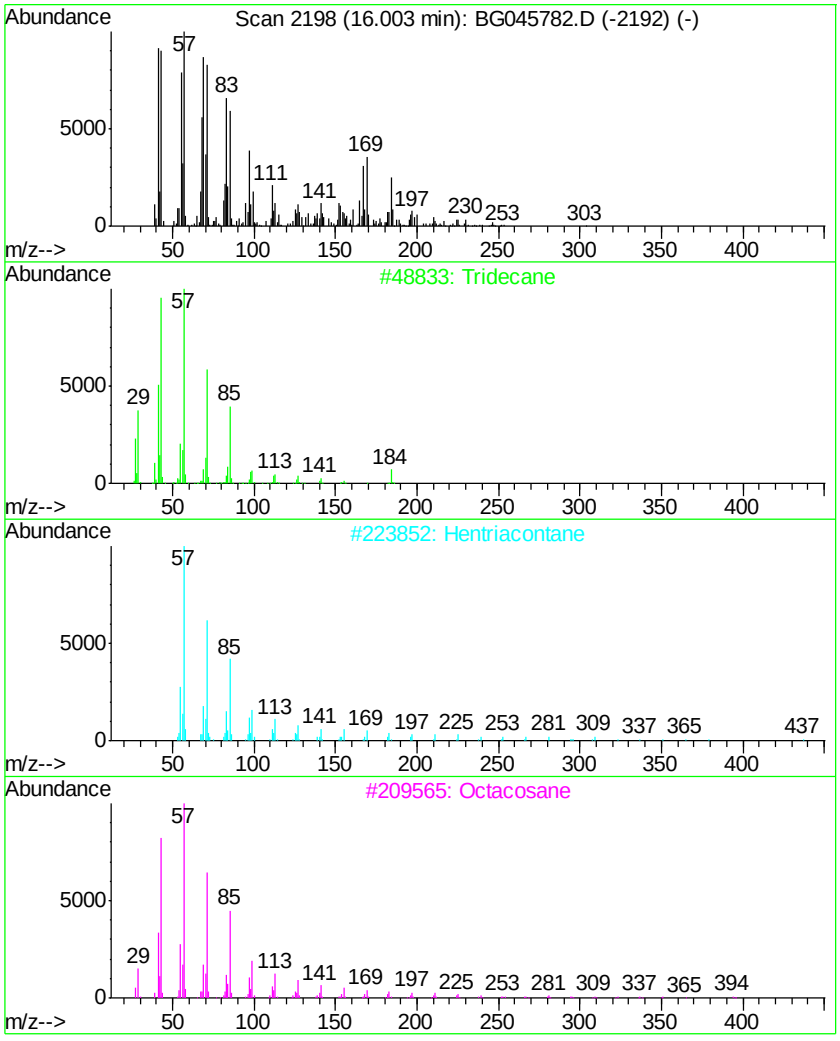
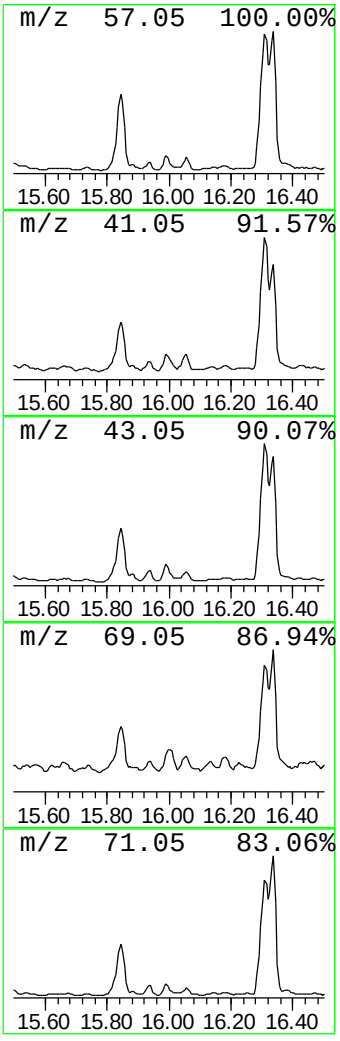
Peak Number 10 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	32.68 ng	1577500	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hentriacontane	437	C31H64	000630-04-6	74
3	Octacosane	394	C28H58	000630-02-4	72
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	68
5	Tetratetracontane	619	C44H90	007098-22-8	68





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Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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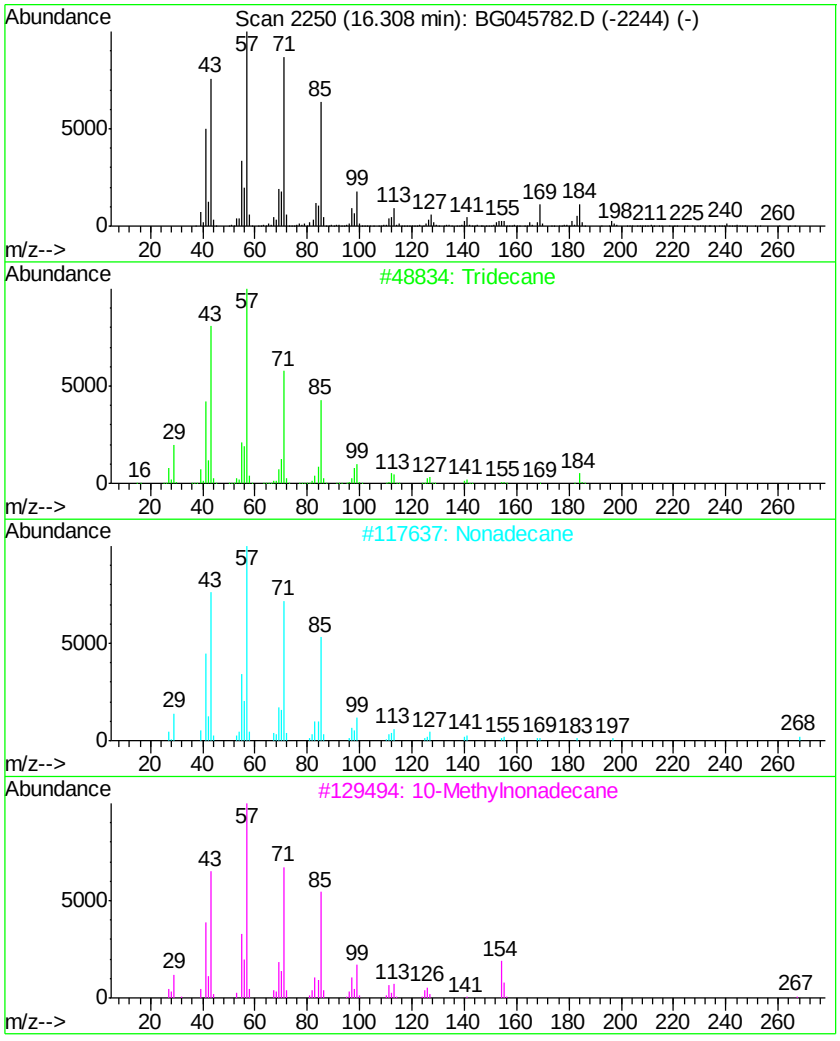
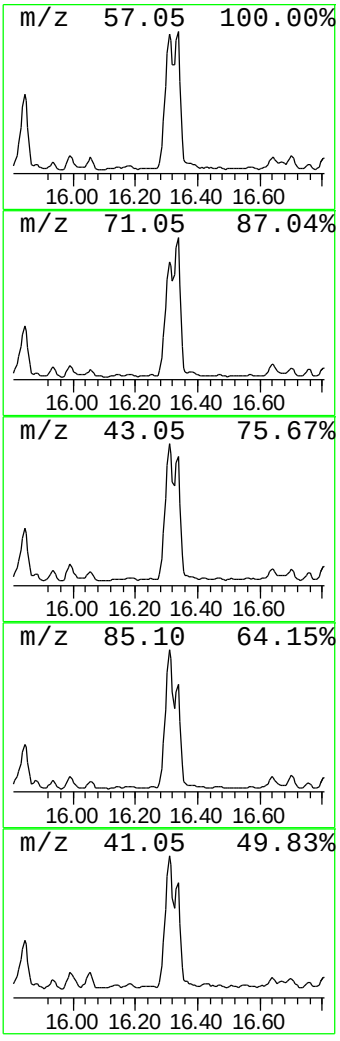
Peak Number 11 2-Bromo dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	259.62 ng	12531600	Phenanthrene-d10	17.33

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	10-Methylnonadecane	282	C20H42	056862-62-5	87
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5	Heptadecane	240	C17H36	000629-78-7	83





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
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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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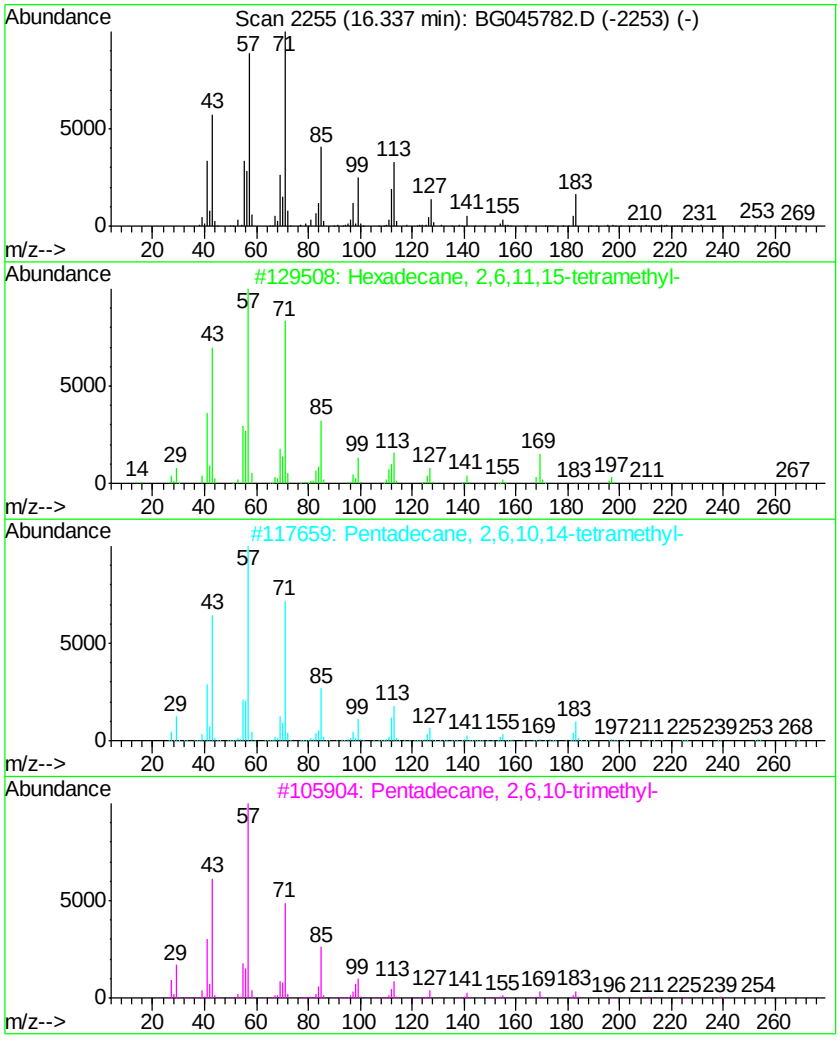
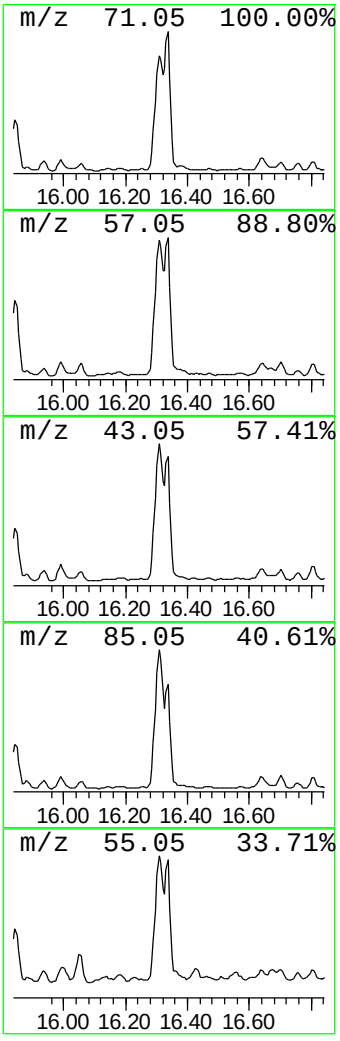
Peak Number 12 Hexadecane, 2,6,11,15-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	132.00 ng	6371240	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	50





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Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : 93-94-COMP

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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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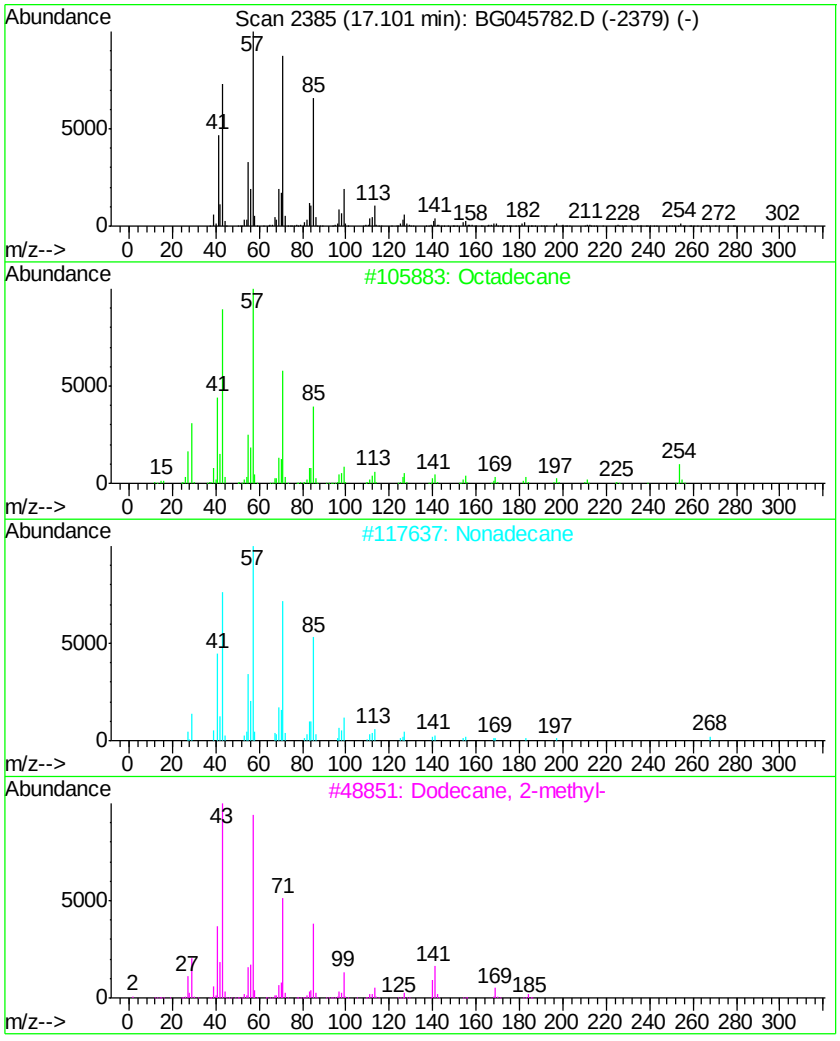
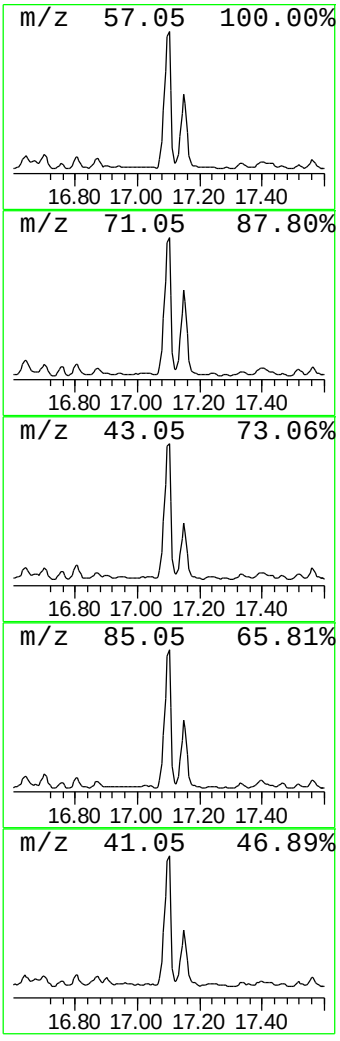
Peak Number 13 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	164.18 ng	7924840	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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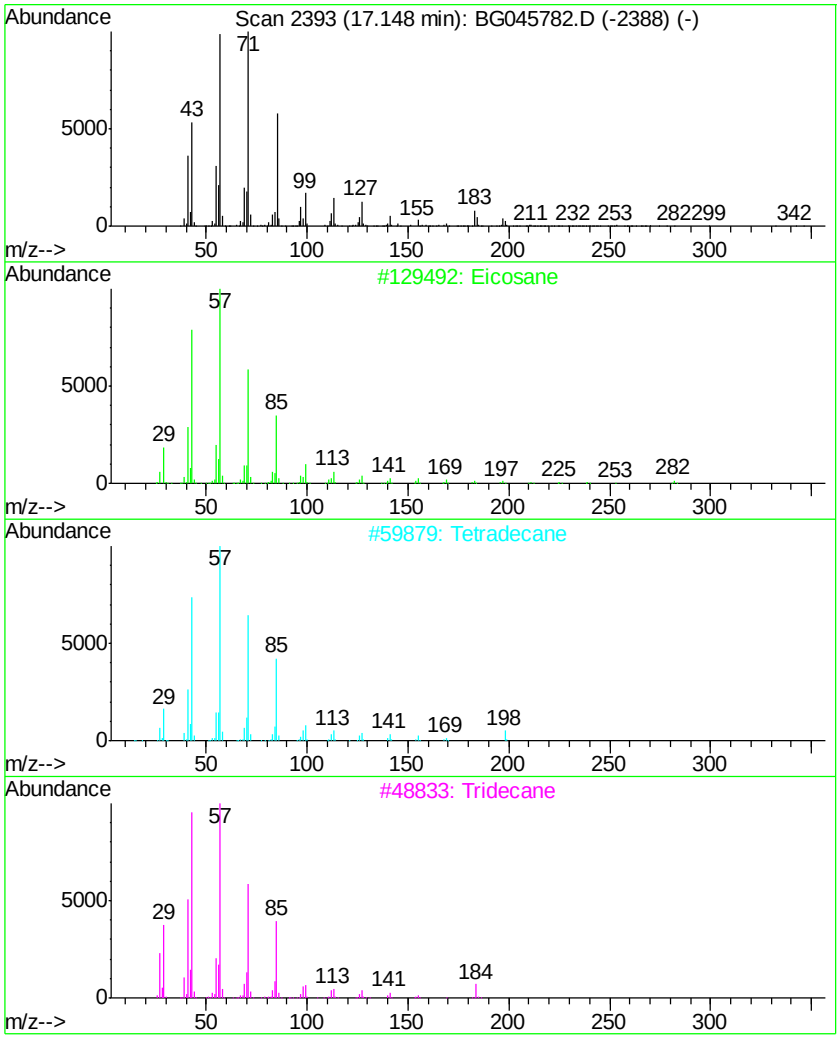
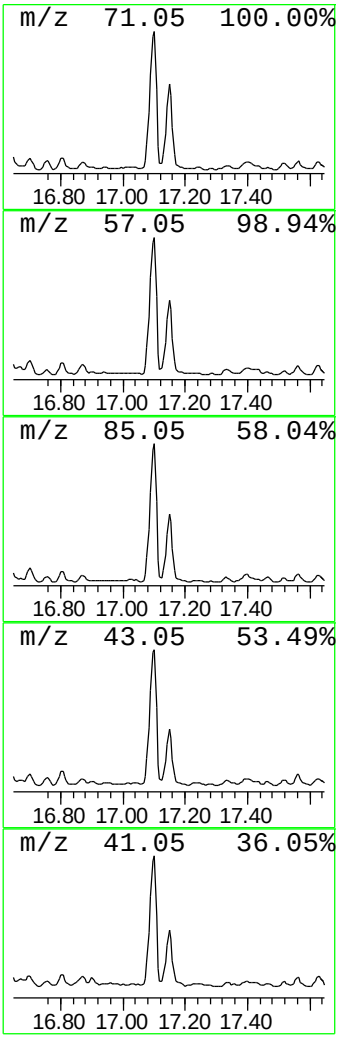
Peak Number 14 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	109.78 ng	5298770	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane	184	C13H28	000629-50-5	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptadecane	240	C17H36	000629-78-7	80





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Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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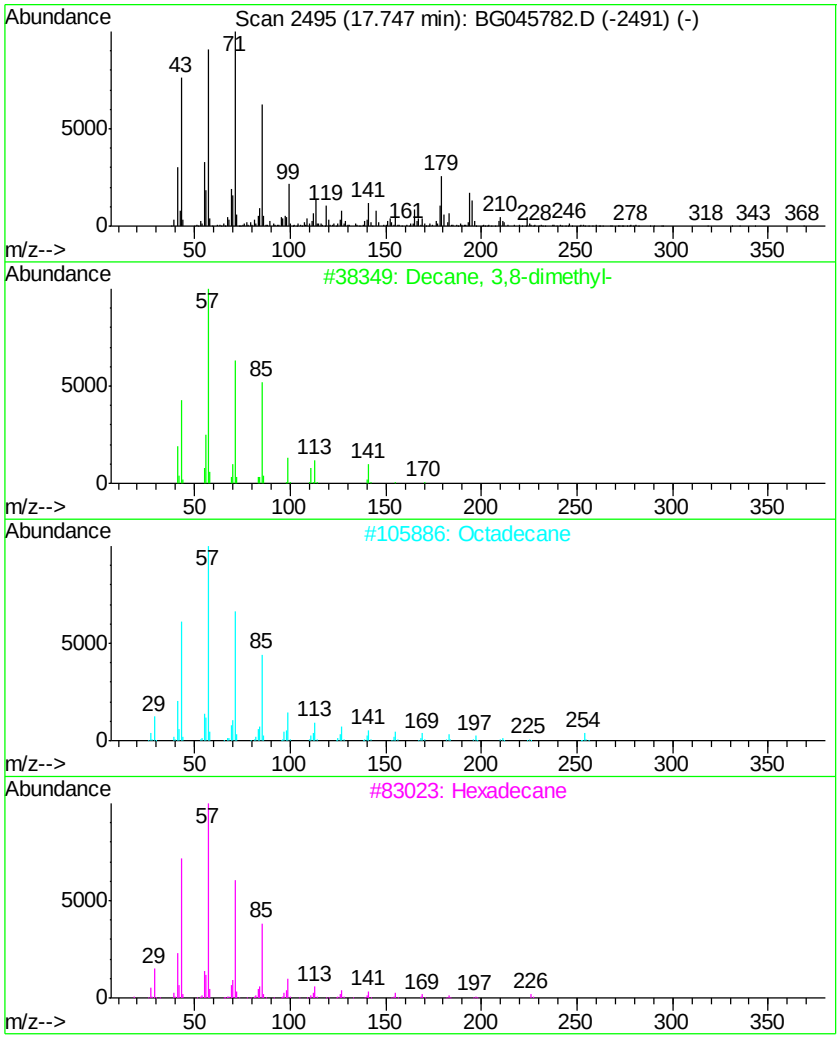
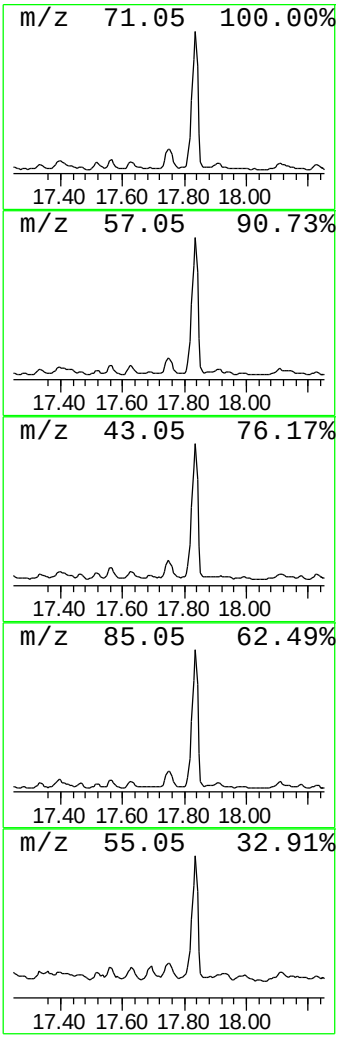
Peak Number 15 Decane, 3,8-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	35.86 ng	1730740	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
2	Octadecane	254	C18H38	000593-45-3	62
3	Hexadecane	226	C16H34	000544-76-3	58
4	Decane, 5-propyl-	184	C13H28	017312-62-8	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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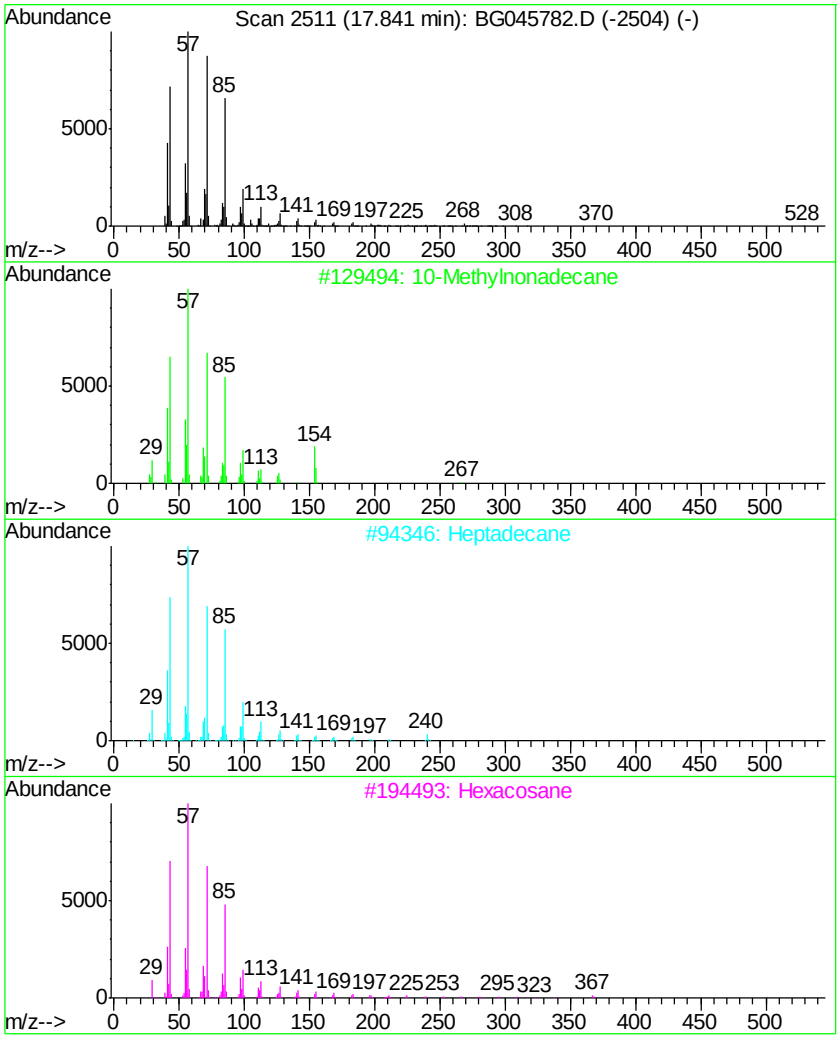
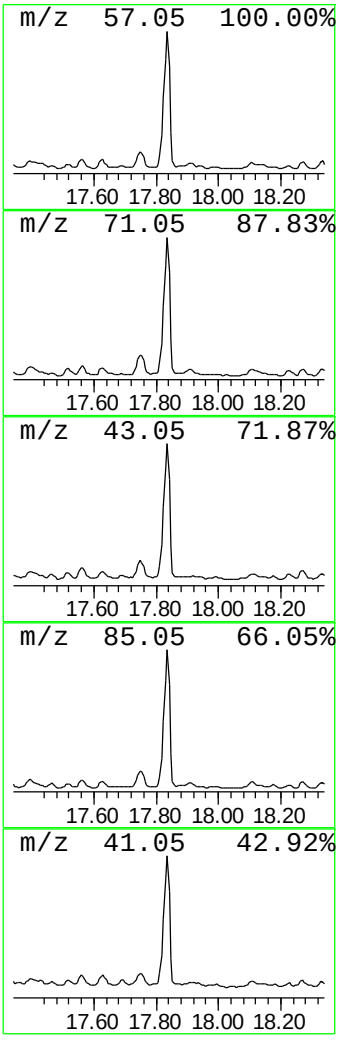
Peak Number 16 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	153.98 ng	7432280	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	90





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Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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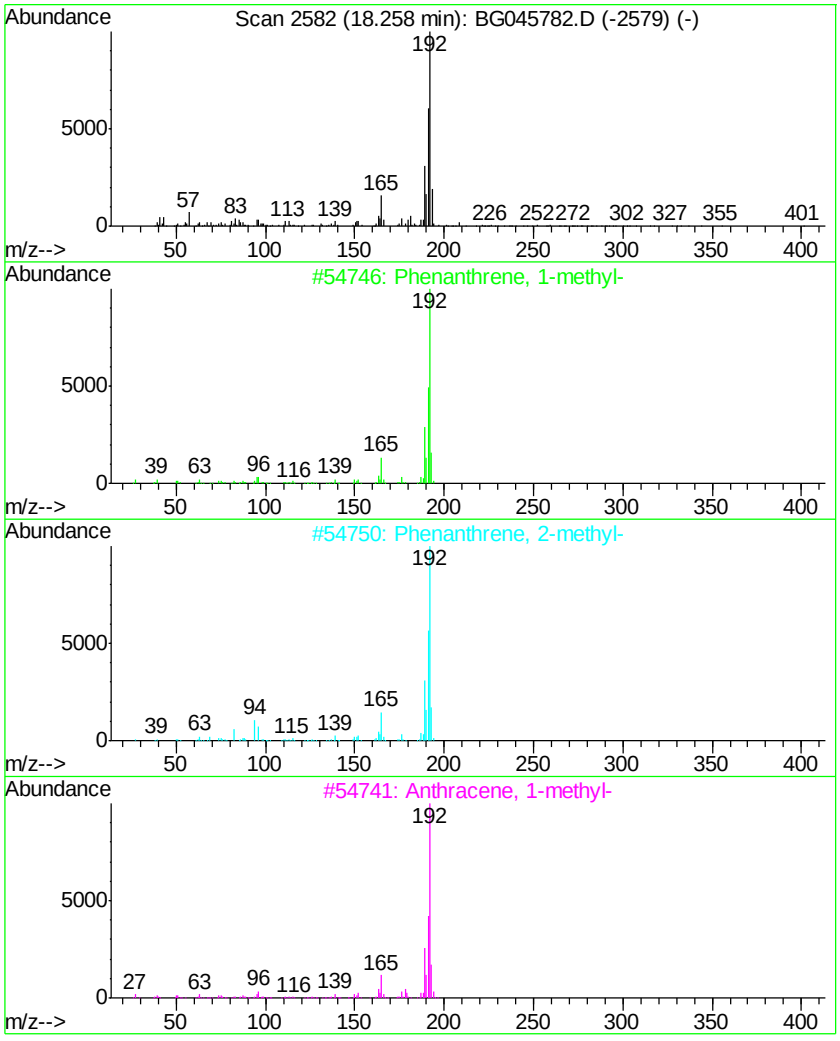
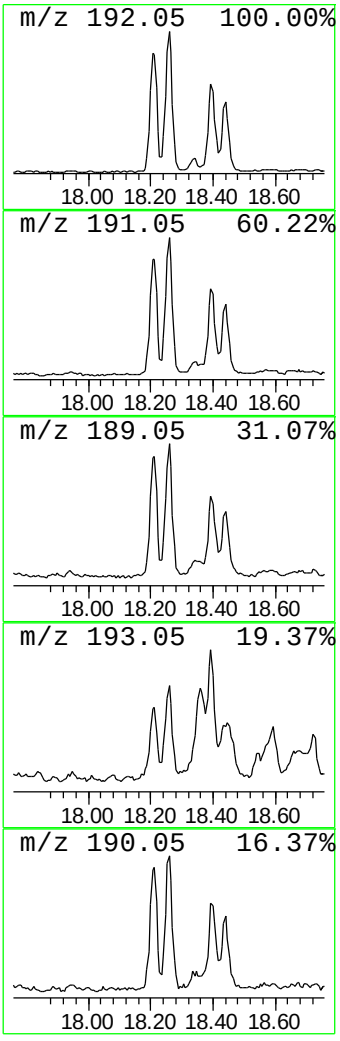
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	29.42 ng	1420110	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

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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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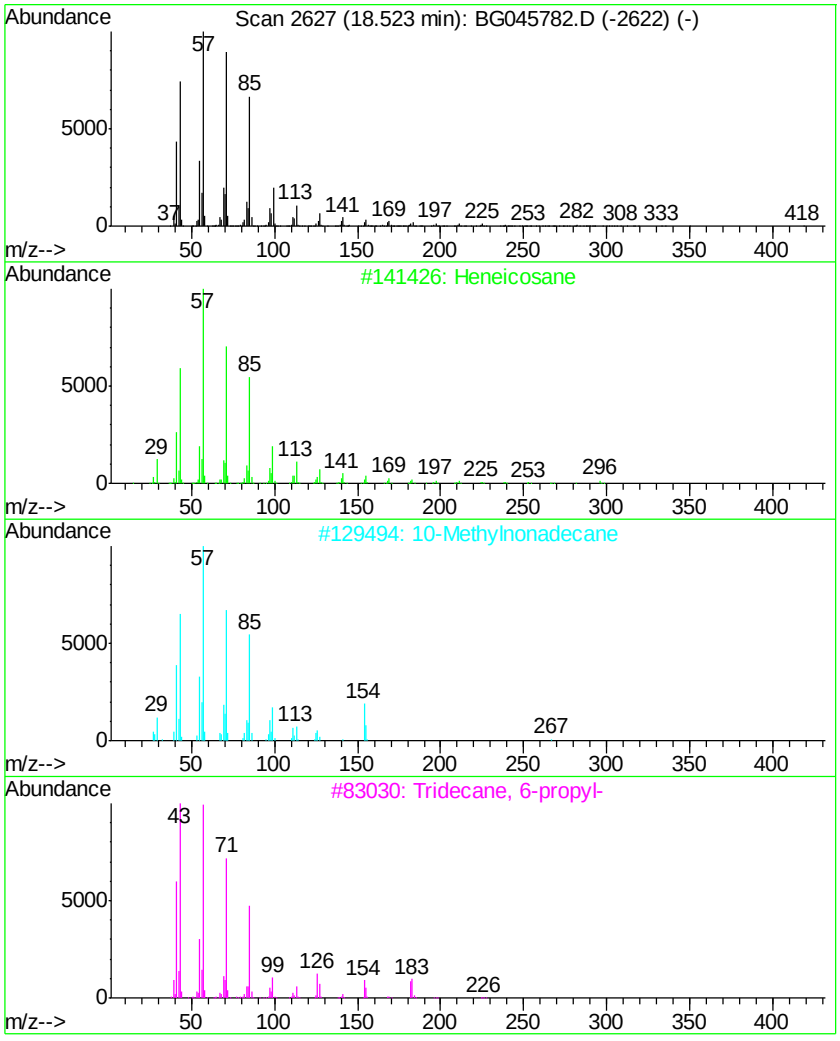
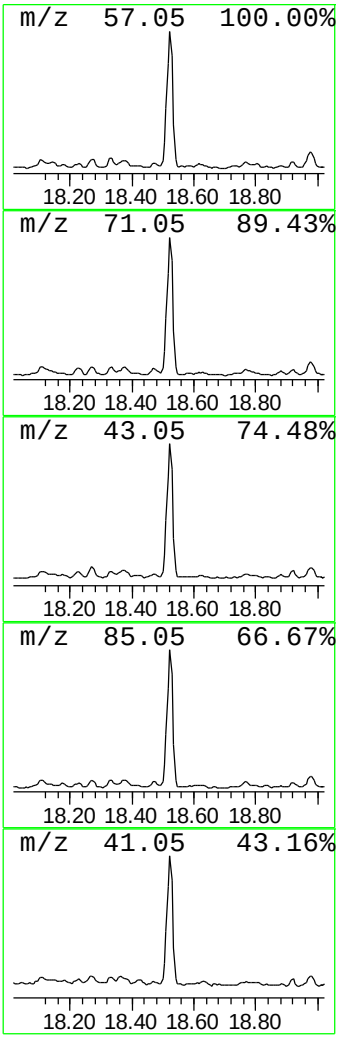
Peak Number 18 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	114.21 ng	5512960	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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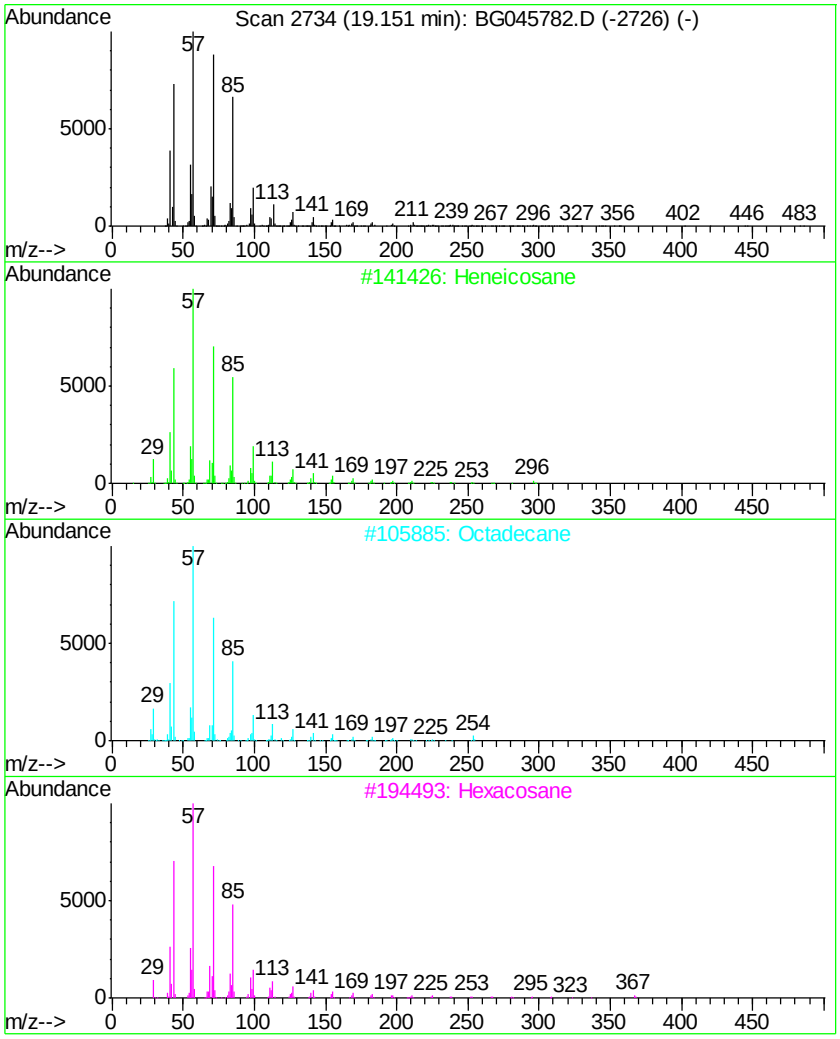
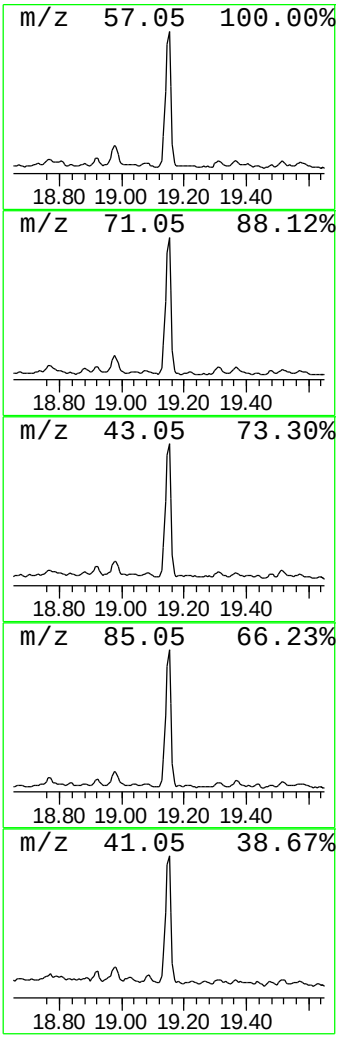
Peak Number 19 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	98.25 ng	4742230	Phenanthrene-d10	17.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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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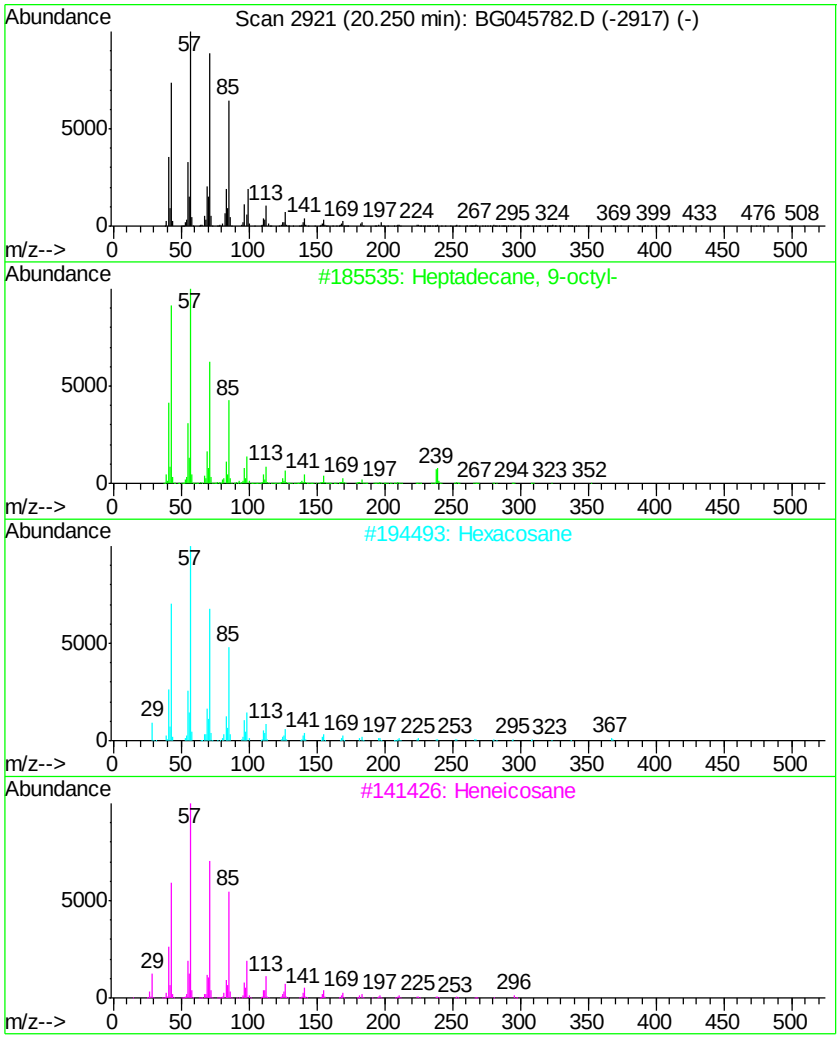
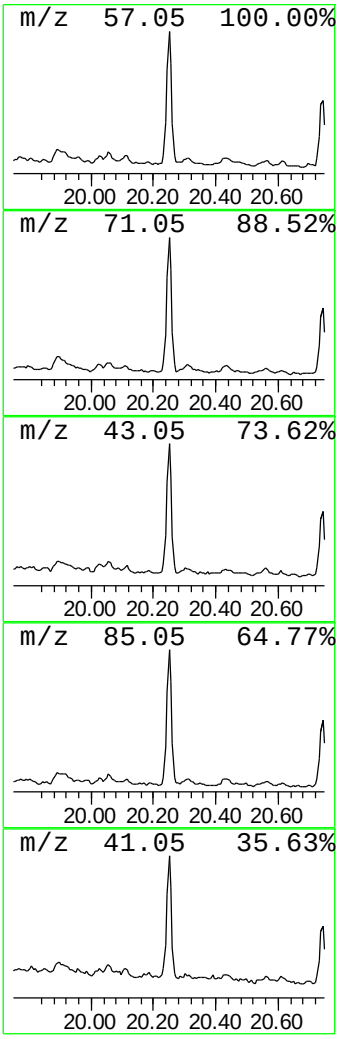
Peak Number 20 Heptadecane, 9-octyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	36.70 ng	1634860	Chrysene-d12	21.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	92
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane	226	C16H34	000544-76-3	83
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061620\
Data File : BG045782.D
Acq On : 16 Jun 2020 21:22
Operator : CG/JU
Sample : L2986-09 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 93-94-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.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
Benzene, 1,2,3-tr...	7.57	64.2	ng	2738820	1	7.92	852834	20.0
Benzene, 1-methyl...	8.47	27.2	ng	1161290	1	7.92	852834	20.0
Benzene, 1,4-diet...	8.57	43.6	ng	1860450	1	7.92	852834	20.0
Benzene, 1-ethyl-...	9.04	38.8	ng	1653930	1	7.92	852834	20.0
Hexadecane	9.16	79.5	ng	3387970	1	7.92	852834	20.0
Benzene, 1-methyl...	9.29	25.5	ng	1088480	1	7.92	852834	20.0
Heptadecane, 2,6,...	14.07	25.1	ng	4123580	3	14.57	3280910	20.0
Nonadecane	14.49	62.0	ng	10164100	3	14.57	3280910	20.0
10-Methylnonadecane	15.44	57.0	ng	9343500	3	14.57	3280910	20.0
Tridecane	16.00	32.7	ng	1577500	4	17.33	965374	20.0
2-Bromo dodecane	16.31	259.6	ng	12531600	4	17.33	965374	20.0
Hexadecane, 2,6,1...	16.34	132.0	ng	6371240	4	17.33	965374	20.0
Octadecane	17.10	164.2	ng	7924840	4	17.33	965374	20.0
Eicosane	17.15	109.8	ng	5298770	4	17.33	965374	20.0
Decane, 3,8-dimet...	17.75	35.9	ng	1730740	4	17.33	965374	20.0
Heptadecane	17.84	154.0	ng	7432280	4	17.33	965374	20.0
Phenanthrene, 1-m...	18.26	29.4	ng	1420110	4	17.33	965374	20.0
Heneicosane	18.52	114.2	ng	5512960	4	17.33	965374	20.0
Hexacosane	19.15	98.3	ng	4742230	4	17.33	965374	20.0
Heptadecane, 9-oc...	20.25	36.7	ng	1634860	5	21.58	891031	20.0