LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-16-1A-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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.306	321	326	331	rBV2	16961	27154	1.86%	0.135%
2	5.547	362	367	375	rVB6	11182	25631	1.75%	0.128%
3	5.682	383	390	397	rBV	411696	682073	46.67%	3.402%
4	5.981	436	441	450	rBV5	13052	30964	2.12%	0.154%
5	6.064	450	455	460	rVV4	18509	33520	2.29%	0.167%
6	6.128	460	466	472	rVB3	16041	34322	2.35%	0.171%
7	6.387	502	510	518	rBV6	21432	58455	4.00%	0.292%
8	6.498	523	529	537	rVB6	13689	31482	2.15%	0.157%
9	6.598	540	546	547	rBV3	17100	26219	1.79%	0.131%
10	6.663	553	557	562	rVB	42265	64356	4.40%	0.321%
11	6.751	562	572	576	rBV2	39168	99736	6.82%	0.497%
12	7.009	608	616	622	rBV6	19218	48145	3.29%	0.240%
13	7.103	627	632	638	rVB3	32786	56976	3.90%	0.284%
14	7.203	644	649	653	rBV4	17766	26431	1.81%	0.132%
15	7.274	654	661	669	rBV	455501	840176	57.48%	4.191%
16	7.444	685	690	695	rVB6	13412	25627	1.75%	0.128%
17	7.503	695	700	704	rBV6	12860	25583	1.75%	0.128%
18	7.943	768	775	782	rVB8	11527	25603	1.75%	0.128%
19	8.026	782	789	790	rBV4	18897	33021	2.26%	0.165%
20	8.114	795	804	811	rVB3	136763	369161	25.26%	1.841%
21	8.184	811	816	822	rVB4	20861	41260	2.82%	0.206%
22	8.243	822	826	831	rBV8	14766	30649	2.10%	0.153%
23	8.302	831	836	840	rVV3	31556	48760	3.34%	0.243%
24	8.355	840	845	850	rVV6	35221	91266	6.24%	0.455%
25	8.408	850	854	860	rVV2	47230	89244	6.11%	0.445%
26	8.466	860	864	871	rVB8	16355	37713	2.58%	0.188%
27	8.549	872	878	883	rBV8	13197	33071	2.26%	0.165%
28	8.666	892	898	908	rVB6	45576	155787	10.66%	0.777%
29	8.754	908	913	916	rBV4	17628	32033	2.19%	0.160%
30	8.789	916	919	926	rVB	34244	65171	4.46%	0.325%
31	8.960	943	948	952	rBV3	23502	52993	3.63%	0.264%
32	9.001	952	955	966	rVB6	35744	79995	5.47%	0.399%
33	9.224	988	993	996	rVV3	63285	107847	7.38%	0.538%
34	9.277	996	1002	1007	rVV	239926	422569	28.91%	2.108%
35	9.447	1025	1031	1032	rBV3	35284	68686	4.70%	0.343%
36	9.594	1045	1056	1061	rBV7	38051	114921	7.86%	0.573%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.694	1068	1073	1078	rVB	50900	87740	6.00%	0.438%
38	9.759	1078	1084	1088	rVV4	53934	95178	6.51%	0.475%
39	9.812	1088	1093	1095	rVV5	22144	39180	2.68%	0.195%
40	9.847	1096	1099	1103	rVV4	37937	67771	4.64%	0.338%
41	9.882	1103	1105	1110	rVB4	26587	39624	2.71%	0.198%
42	10.005	1118	1126	1129	rBV7	30205	64959	4.44%	0.324%
43	10.052	1129	1134	1138	rVB2	59055	98851	6.76%	0.493%
44	10.111	1138	1144	1150	rBV8	58816	113873	7.79%	0.568%
45	10.176	1150	1155	1156	rBV2	38743	52108	3.57%	0.260%
46	10.328	1173	1181	1187	rBV2	178643	312987	21.41%	1.561%
47	10.399	1188	1193	1197	rBV	96338	144712	9.90%	0.722%
48	10.505	1205	1211	1222	rVB5	66416	145128	9.93%	0.724%
49	10.652	1228	1236	1241	rBV5	29178	69471	4.75%	0.347%
50	10.787	1254	1259	1262	rBV6	45232	85395	5.84%	0.426%
51	10.928	1271	1283	1292	rBV2	167434	530162	36.27%	2.644%
52	11.039	1299	1302	1304	rBV3	29536	37608	2.57%	0.188%
53	11.080	1304	1309	1314	rVB	200049	320255	21.91%	1.597%
54	11.145	1315	1320	1327	rBV8	55922	126228	8.64%	0.630%
55	11.216	1327	1332	1339	rVB4	36296	67486	4.62%	0.337%
56	11.421	1360	1367	1372	rVB6	53900	121203	8.29%	0.605%
57	11.474	1372	1376	1384	rBV8	28431	71669	4.90%	0.357%
58	11.627	1398	1402	1409	rVB5	111459	216979	14.85%	1.082%
59	11.703	1409	1415	1419	rBV6	36158	71496	4.89%	0.357%
60	11.756	1419	1424	1432	rBV6	66165	155049	10.61%	0.773%
61	11.832	1432	1437	1444	rVB5	73966	136620	9.35%	0.681%
62	11.897	1444	1448	1451	rBV2	61820	96973	6.63%	0.484%
63	11.938	1451	1455	1460	rVB	155630	221551	15.16%	1.105%
64	12.032	1466	1471	1477	rVB3	85348	156113	10.68%	0.779%
65	12.120	1481	1486	1492	rVB5	83614	151687	10.38%	0.757%
66	12.208	1492	1501	1505	rBV9	65020	157934	10.81%	0.788%
67	12.543	1552	1558	1566	rVB6	112969	294761	20.17%	1.470%
68	12.725	1586	1589	1592	rBV5	26450	43700	2.99%	0.218%
69	12.813	1601	1604	1610	rVB3	76338	109940	7.52%	0.548%
70	12.954	1626	1628	1632	rVV3	33340	38310	2.62%	0.191%
71	13.019	1635	1639	1648	rVB4	82165	166048	11.36%	0.828%
72	13.272	1677	1682	1688	rVB	280865	452573	30.96%	2.257%
73	13.360	1689	1697	1703	rBV	707534	1142677	78.18%	5.699%
74	13.548	1723	1729	1732	rBV7	75766	170680	11.68%	0.851%
75	13.724	1756	1759	1763	rVB6	31536	43002	2.94%	0.214%
76	13.912	1786	1791	1800	rVB7	62432	198004	13.55%	0.988%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.059	1812	1816	1821	rVB3	93698	169746	11.61%	0.847%
78	14.117	1823	1826	1831	rVV6	65493	95986	6.57%	0.479%
79	14.176	1831	1836	1837	rVV3	56548	89266	6.11%	0.445%
80	14.211	1838	1842	1847	rVB	362778	497416	34.03%	2.481%
81	14.423	1875	1878	1882	rVB2	39982	47970	3.28%	0.239%
82	14.570	1899	1903	1908	rVB4	110160	162185	11.10%	0.809%
83	14.699	1921	1925	1928	rBV3	113559	203779	13.94%	1.016%
84	14.740	1928	1932	1937	rVB	303775	487053	33.32%	2.429%
85	14.828	1944	1947	1950	rBV4	44856	54752	3.75%	0.273%
86	15.128	1994	1998	2004	rVB2	130264	208176	14.24%	1.038%
87	15.251	2015	2019	2031	rVB5	184429	364606	24.95%	1.819%
88	15.357	2033	2037	2042	rBV5	90383	168953	11.56%	0.843%
89	15.469	2050	2056	2060	rBV4	55569	129733	8.88%	0.647%
90	15.621	2079	2082	2087	rVV4	72544	117782	8.06%	0.587%
91	15.674	2088	2091	2102	rVB5	108637	232784	15.93%	1.161%
92	15.980	2139	2143	2150	rVB	478623	755796	51.71%	3.770%
93	16.191	2176	2179	2181	rBV2	146272	193283	13.22%	0.964%
94	16.226	2181	2185	2191	rVB	489759	712719	48.76%	3.555%
95	16.461	2220	2225	2229	rBV	767403	1125619	77.01%	5.614%
96	17.043	2322	2324	2328	rVB4	136014	138757	9.49%	0.692%
97	17.284	2360	2365	2369	rBV	618626	871384	59.62%	4.346%
98	17.483	2394	2399	2403	rBV2	363795	655790	44.87%	3.271%
99	17.889	2465	2468	2474	rVB3	269866	351562	24.05%	1.754%
100	20.092	2839	2843	2847	rVB	1155066	1461614	100.00%	7.290%

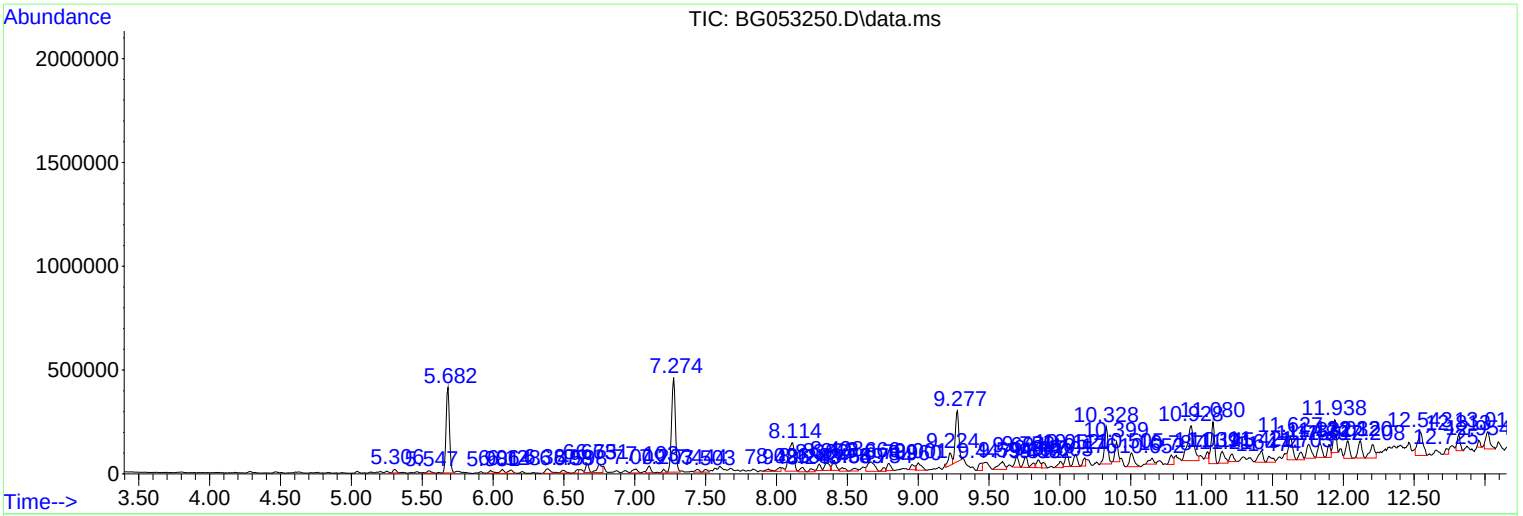
Sum of corrected areas: 20048996

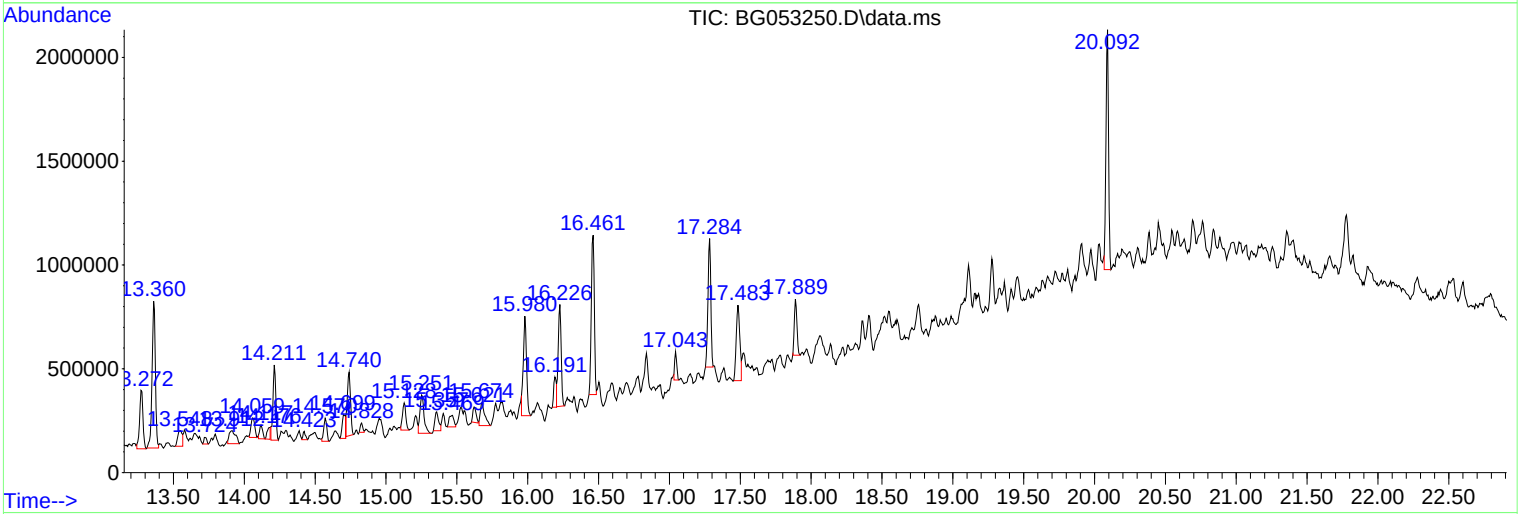
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

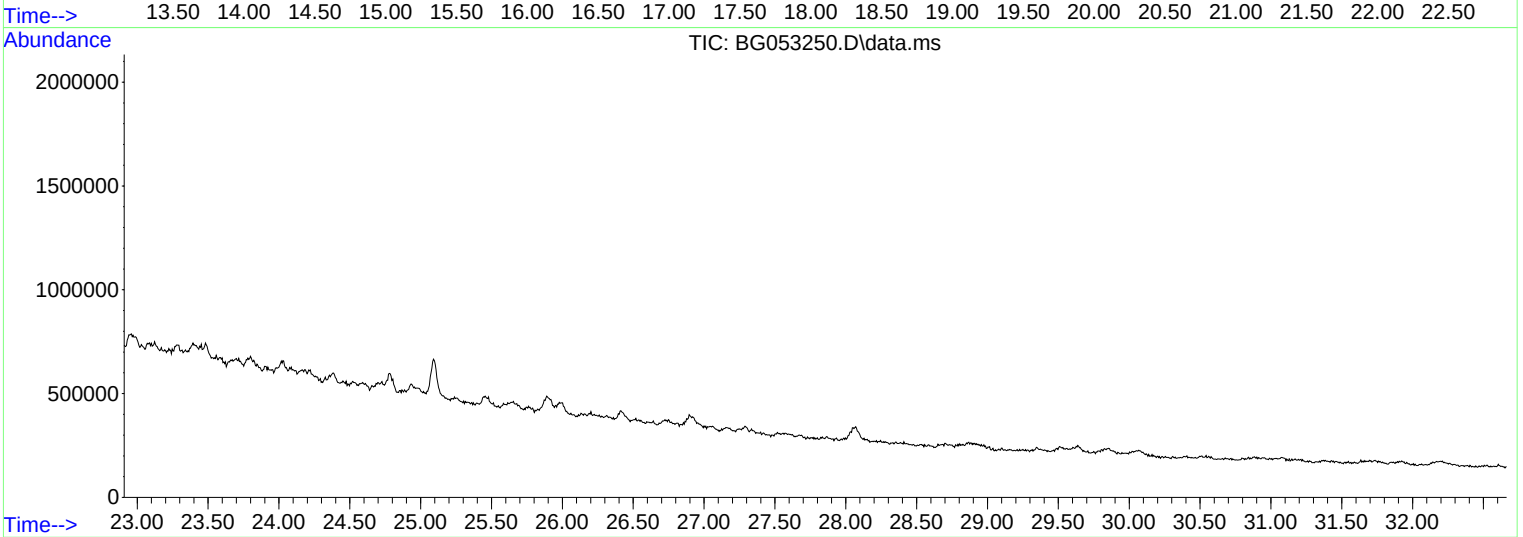
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

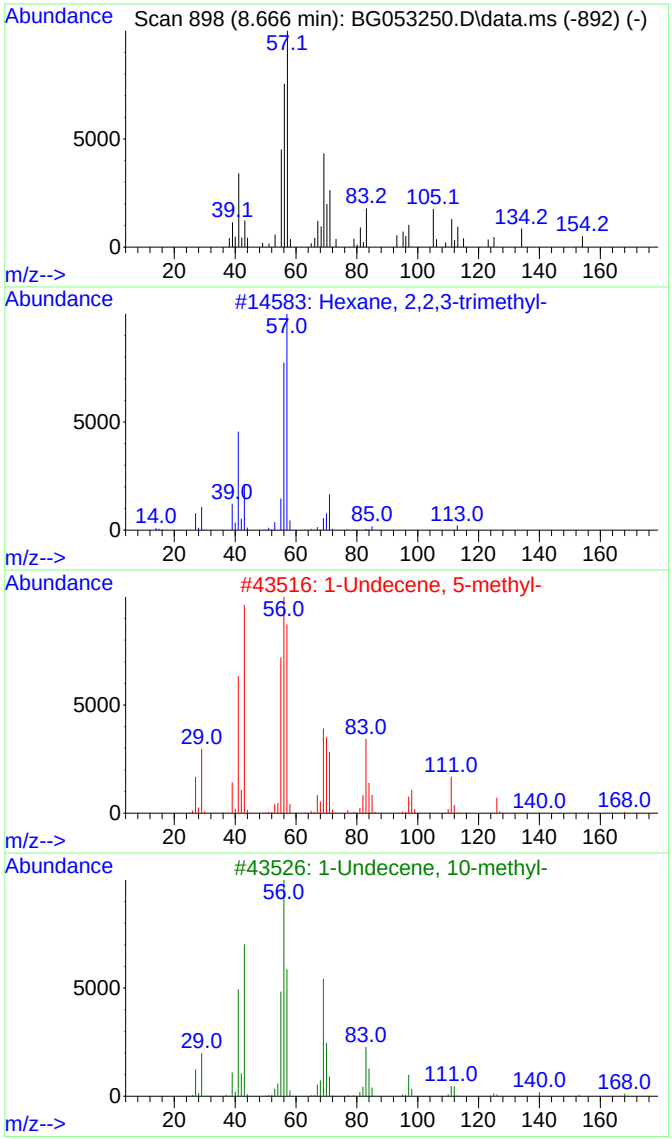
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

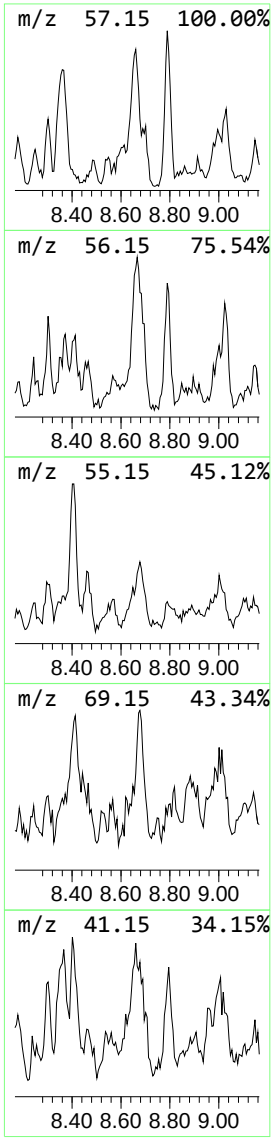
****

Peak Number 1 Hexane, 2,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.666	8.44 ng	155787	1,4-Dichlorobenzene-d4	8.114

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
2	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	53
3	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	50
4	2-Decene, 9-methyl-, (Z)-	154	C11H22	074630-24-3	50
5	Decane, 4-methylene-	154	C11H22	024949-41-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

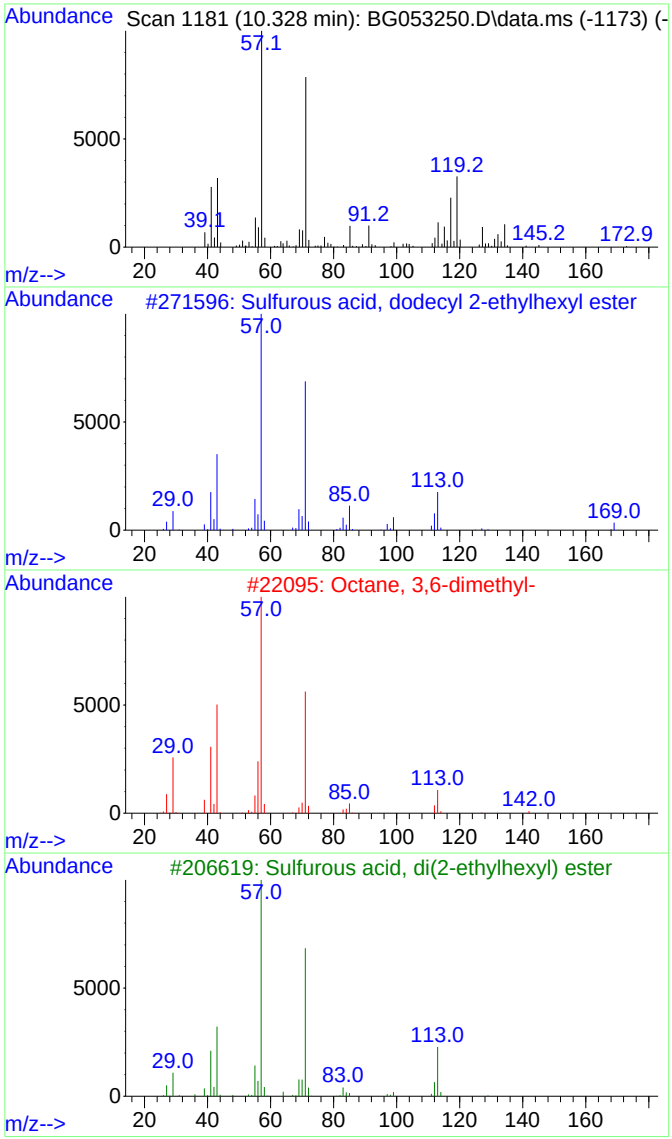
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

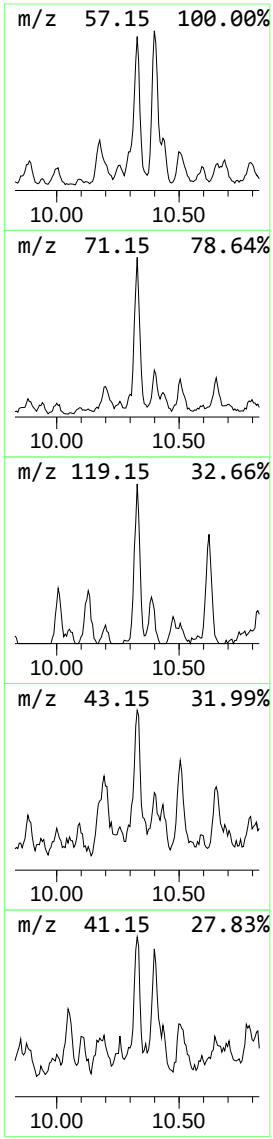
****

Peak Number 2 unknown10.329 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.329	11.81 ng	312987	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	47
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	47
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

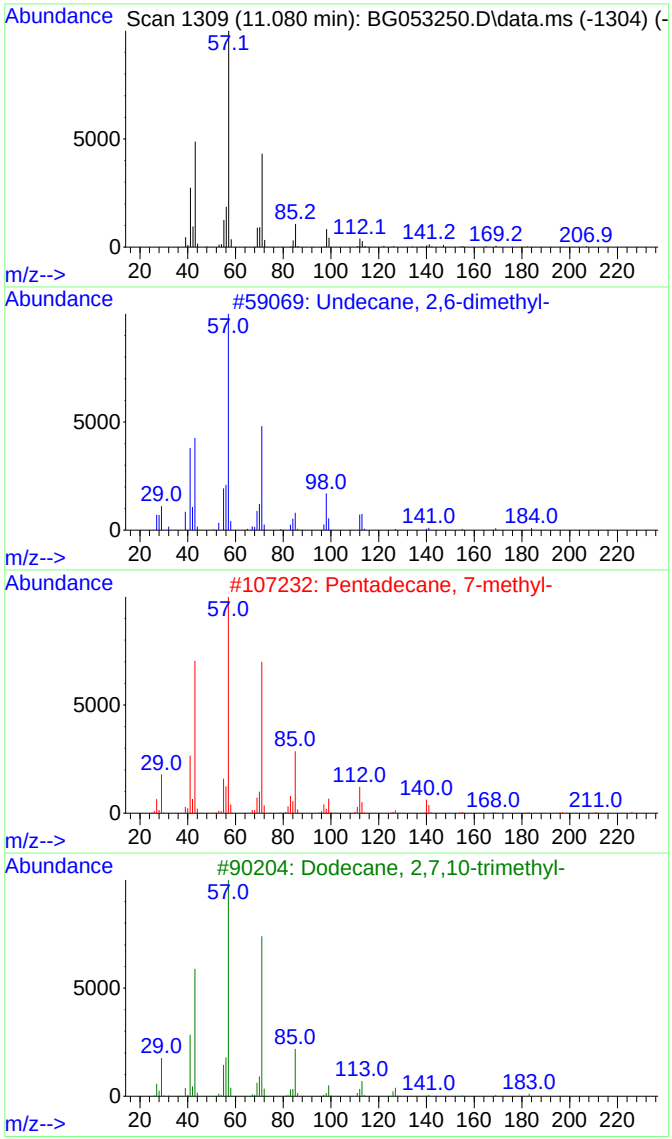
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

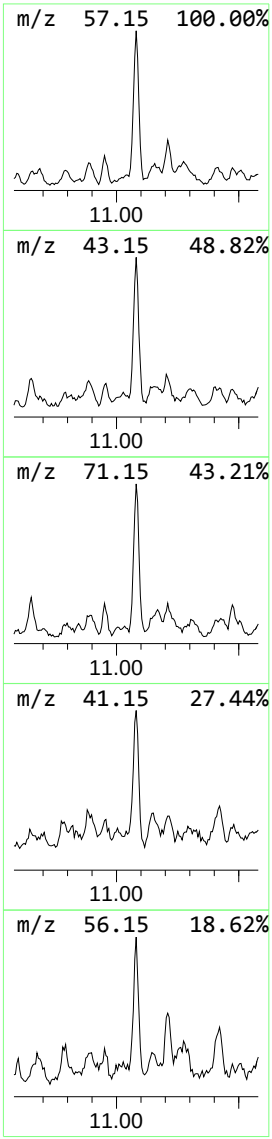
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.080	12.08 ng	320255	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

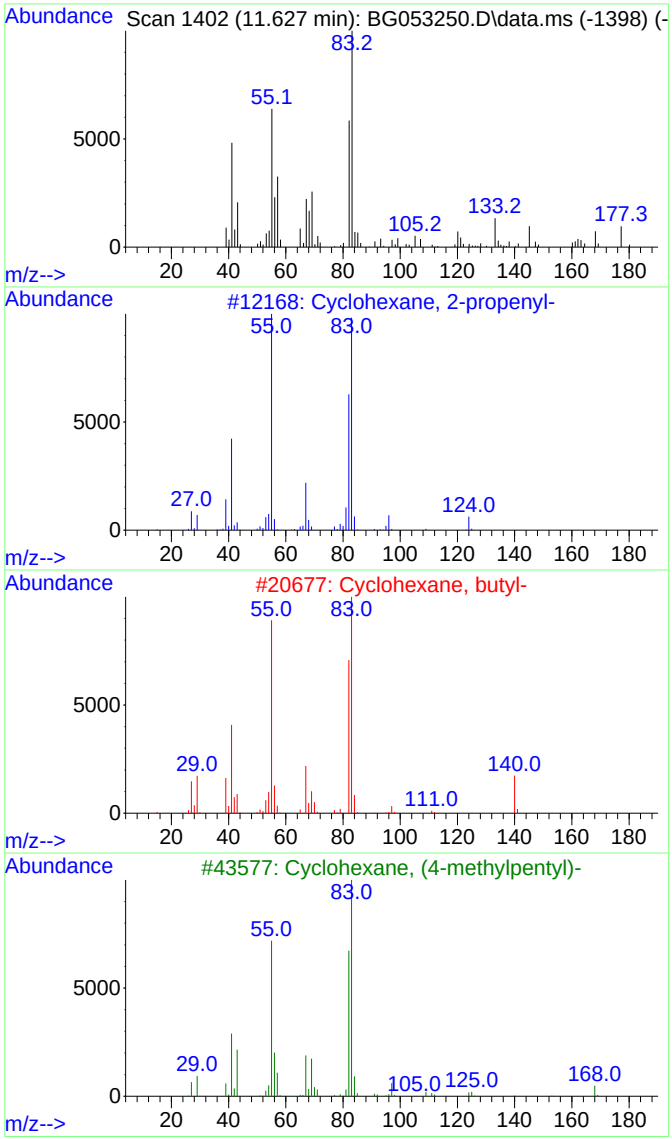
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

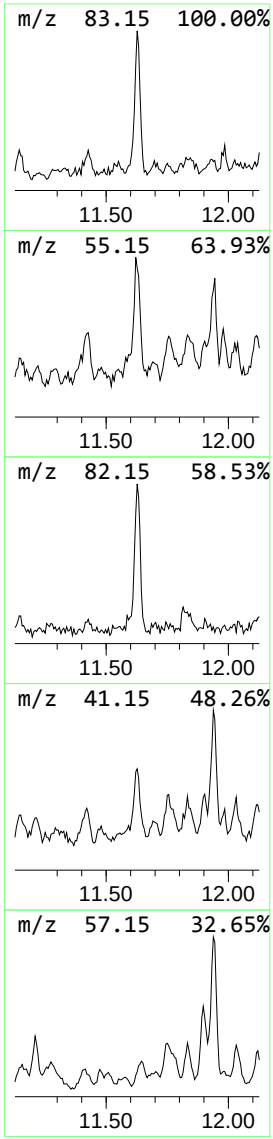
****

Peak Number 4 Cyclohexane, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.627	8.19 ng	216979	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	52
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

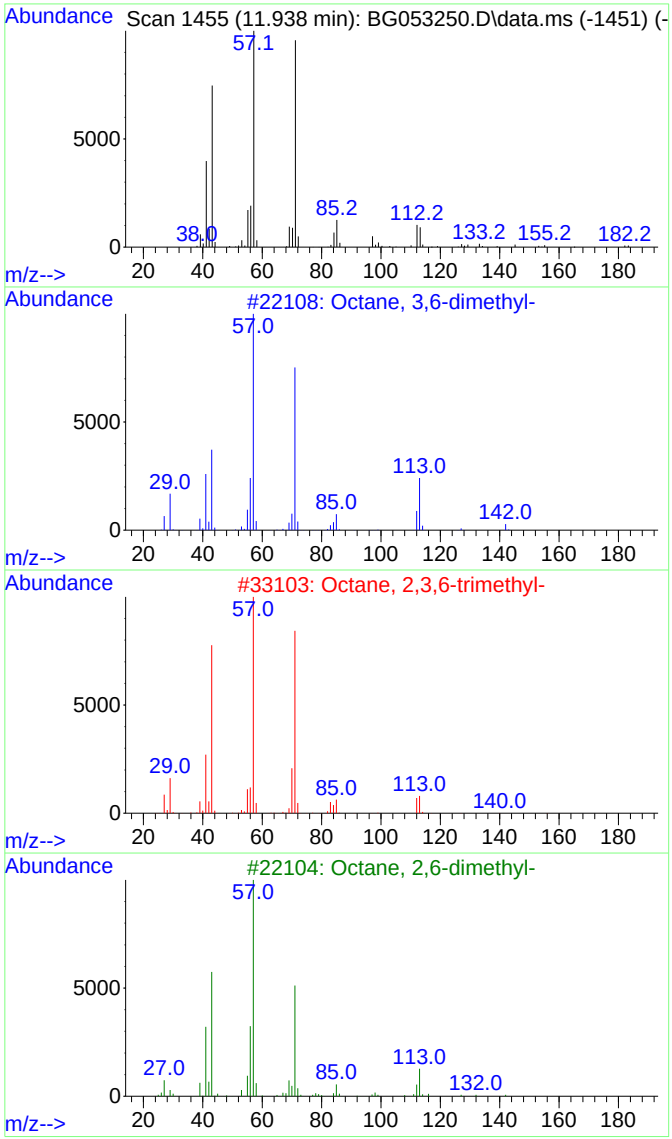
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

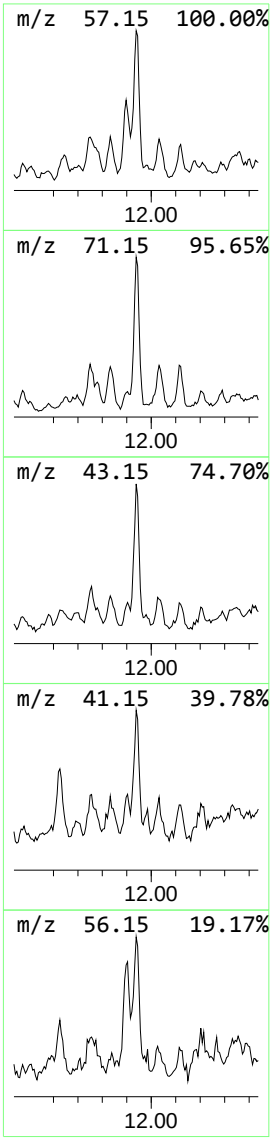
****

Peak Number 5 Octane, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.938	8.36 ng	221551	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
5	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	64





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Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
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Instrument :
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ClientSampleId :
WC-16-1A-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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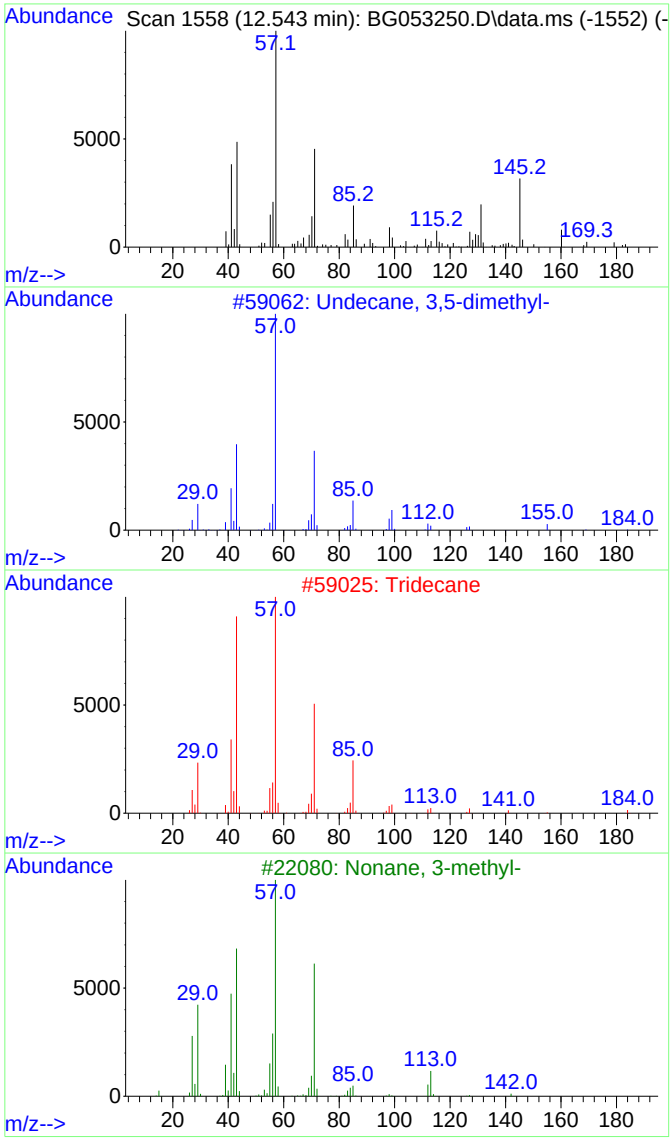
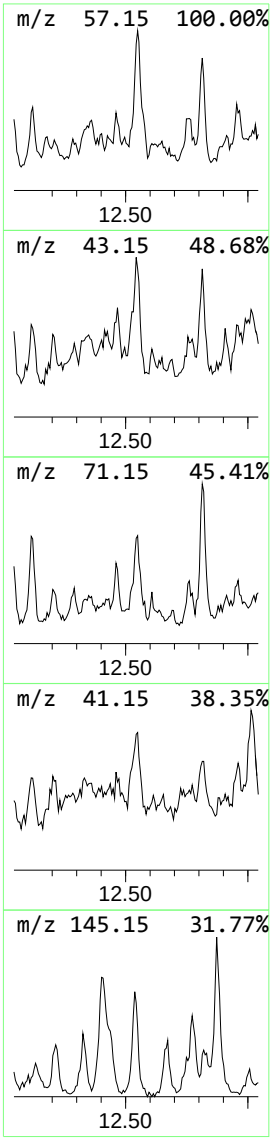
Peak Number 6 unknown12.543 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.543	11.12 ng	294761	Naphthalene-d8	10.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	47
2	Tridecane	184	C13H28	000629-50-5	43
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
5	Undecane	156	C11H24	001120-21-4	38





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Sample : N2480-07
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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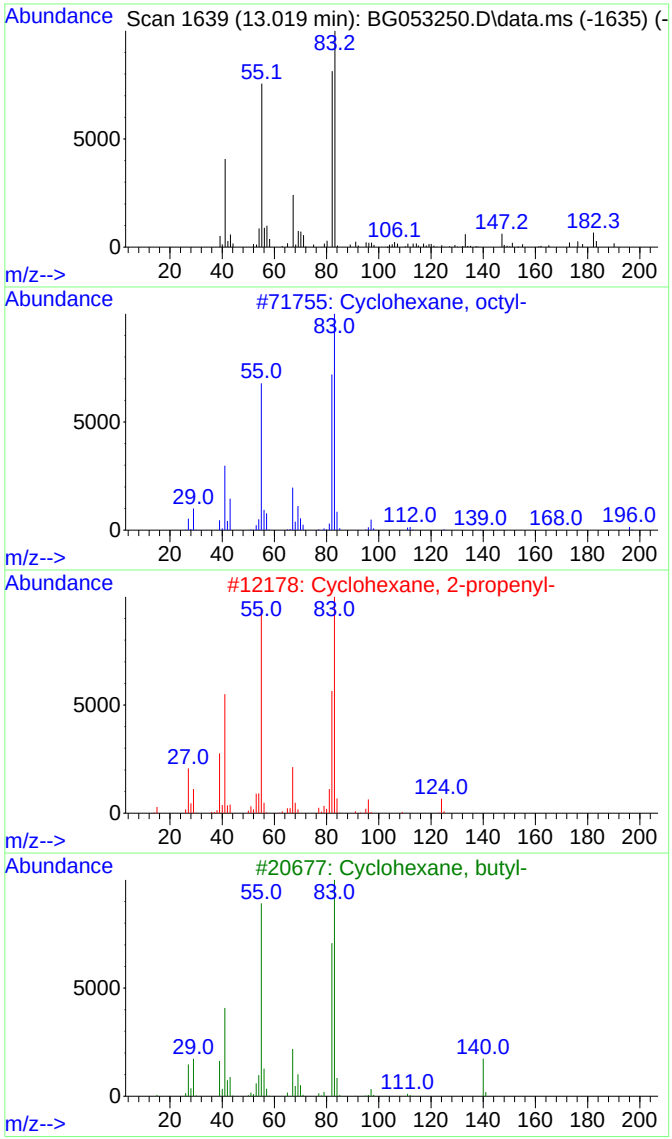
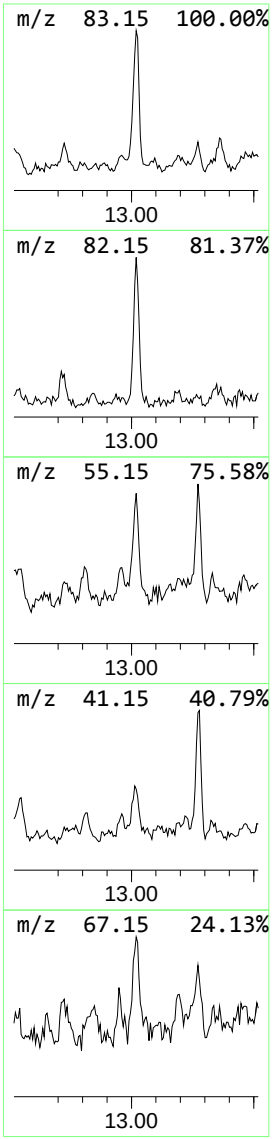
Peak Number 7 Cyclohexane, octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	6.82 ng	166048	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	(E)-Hex-3-enyl (E)-2-methylbut-2...	182	C11H18O2	120603-00-1	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	56





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ClientSampleId :
WC-16-1A-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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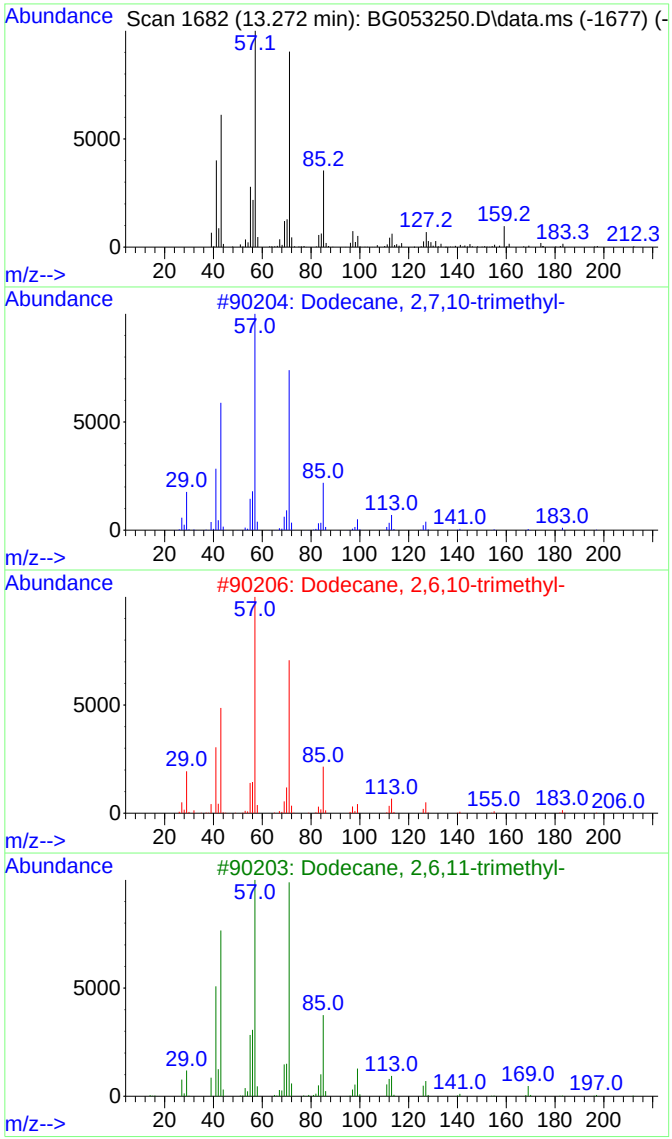
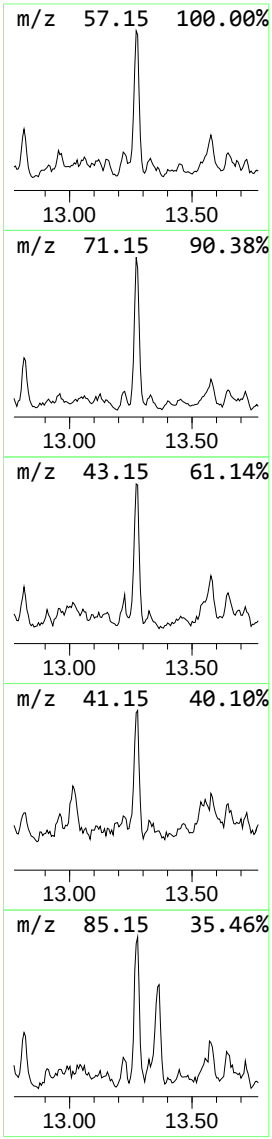
Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.272	18.58 ng	452573	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





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Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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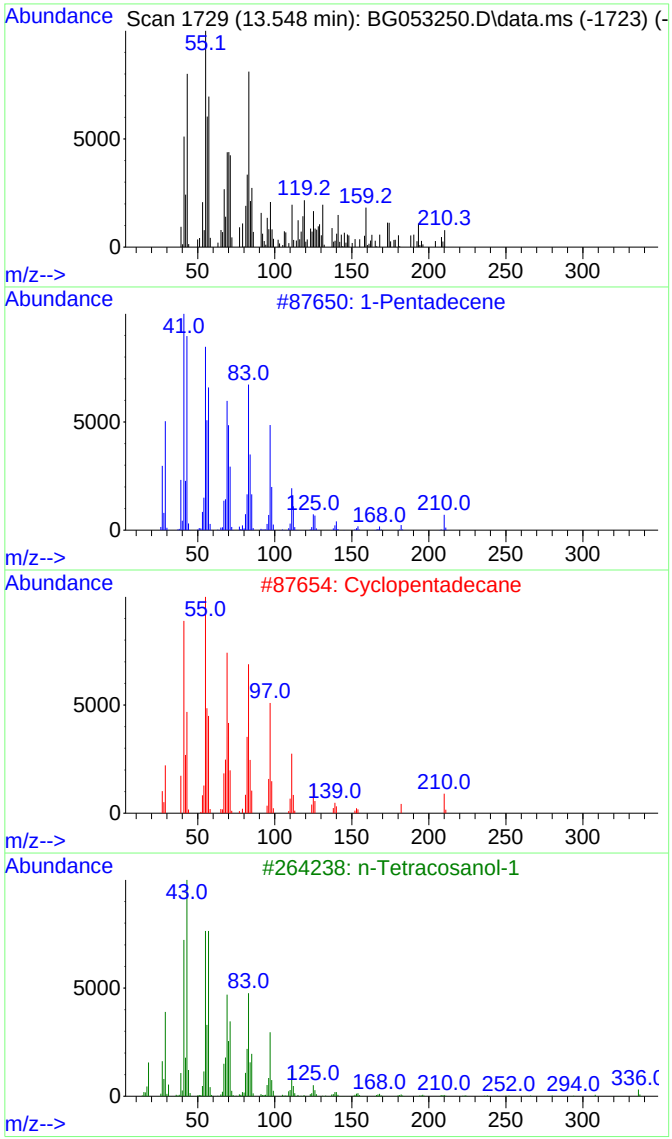
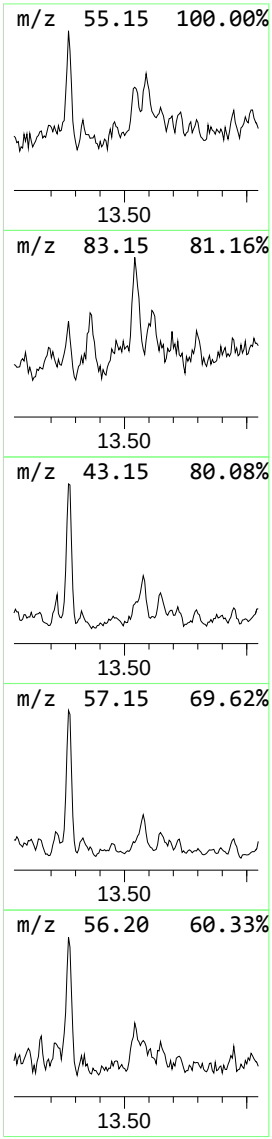
Peak Number 9 1-Pentadecene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.548	7.01 ng	170680	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	64
2	Cyclopentadecane	210	C15H30	000295-48-7	60
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	52
4	1-Tetradecene	196	C14H28	001120-36-1	50
5	2-Dodecene, (E)-	168	C12H24	007206-13-5	50





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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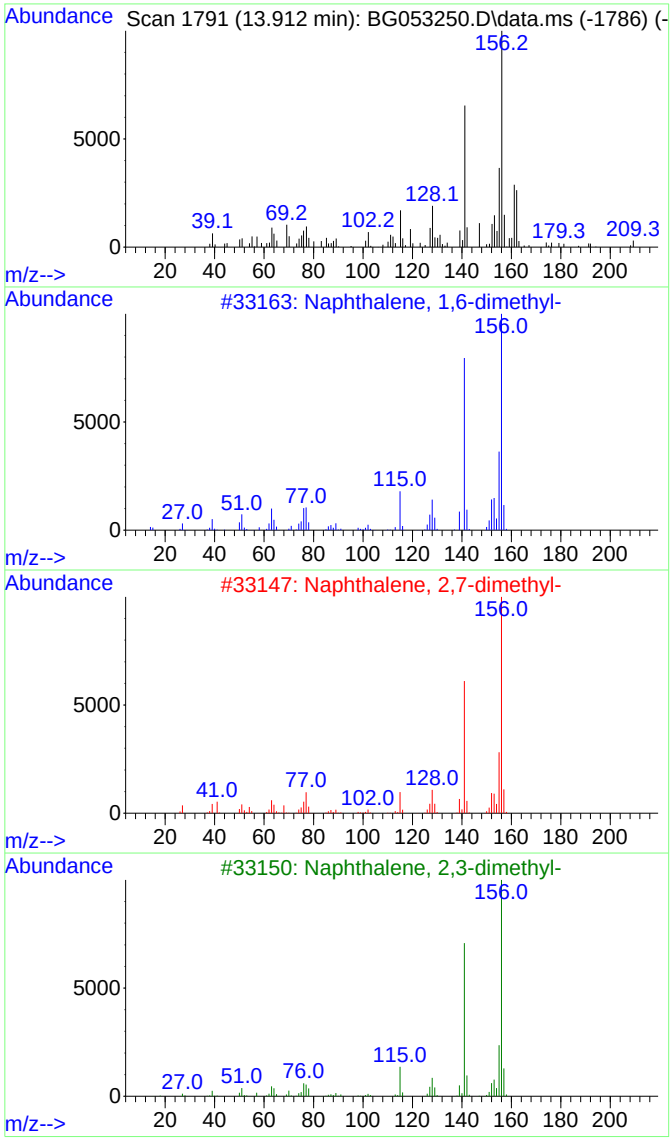
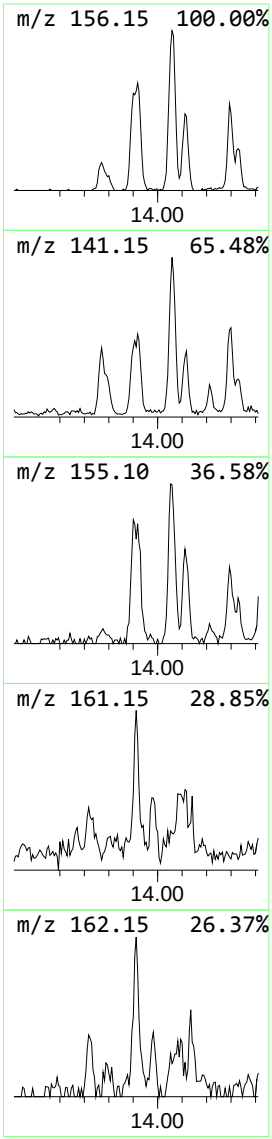
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.912	8.13 ng	198004	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	92
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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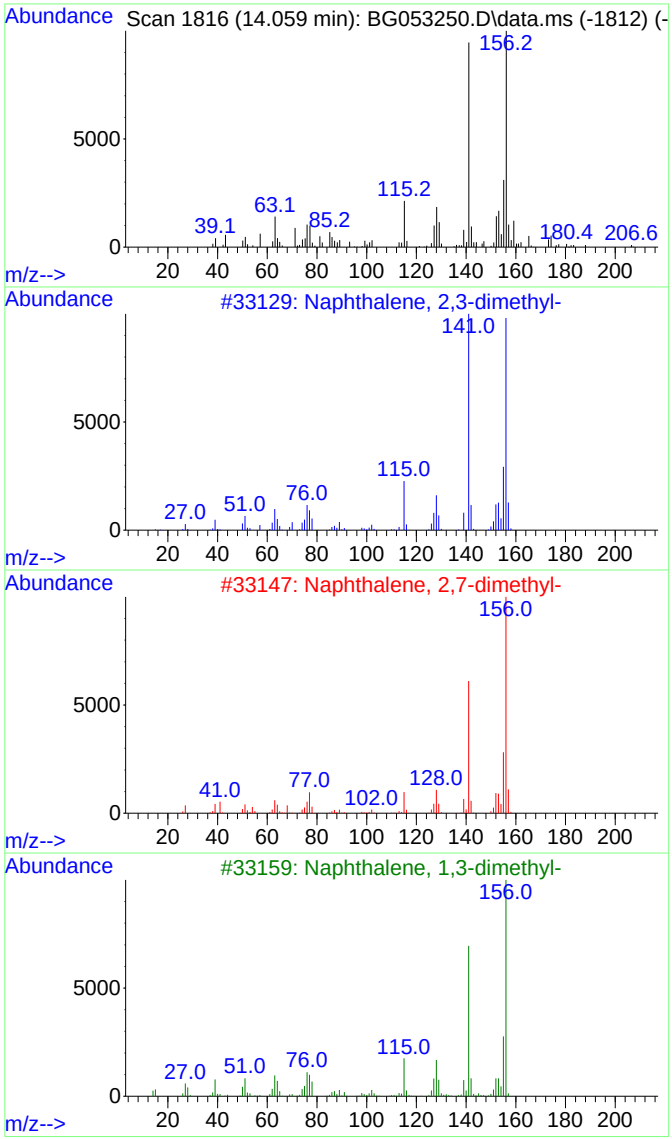
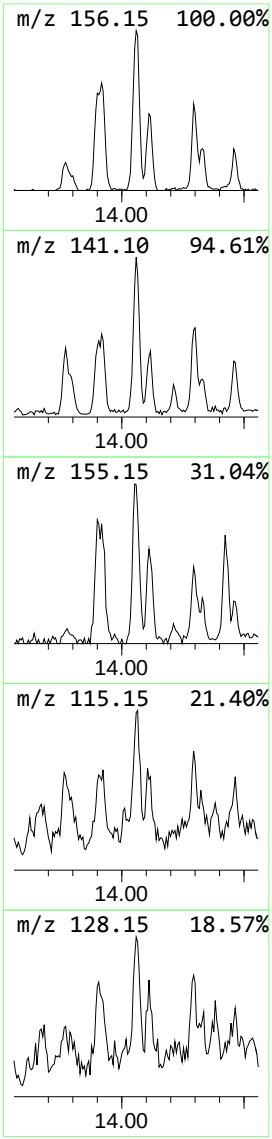
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.059	6.97 ng	169746	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-16-1A-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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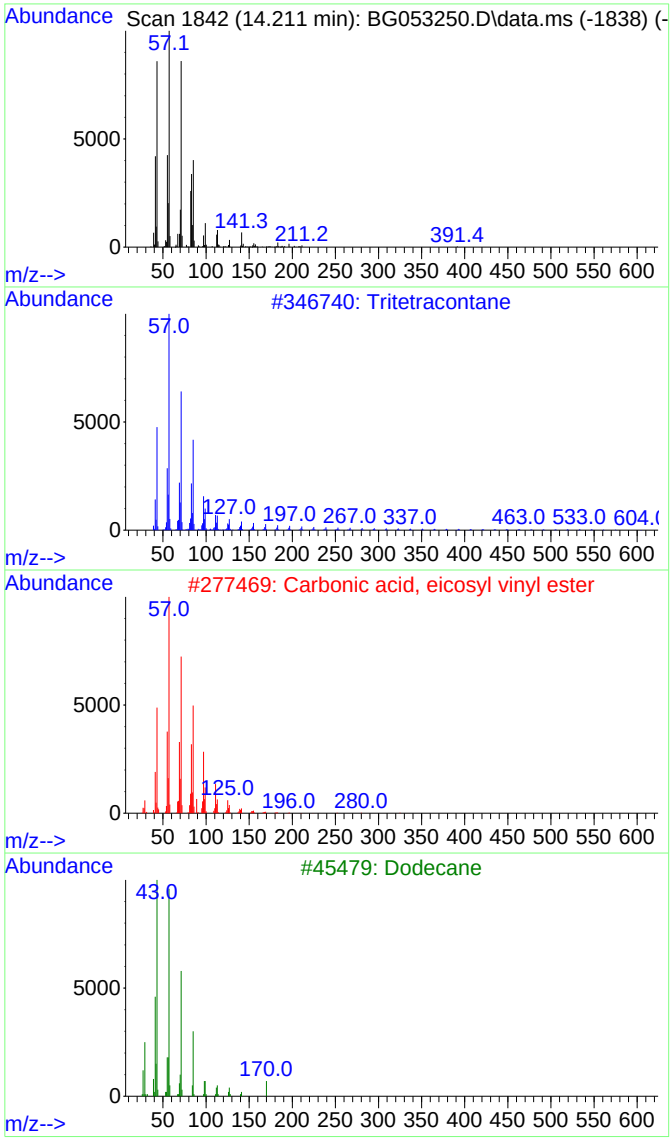
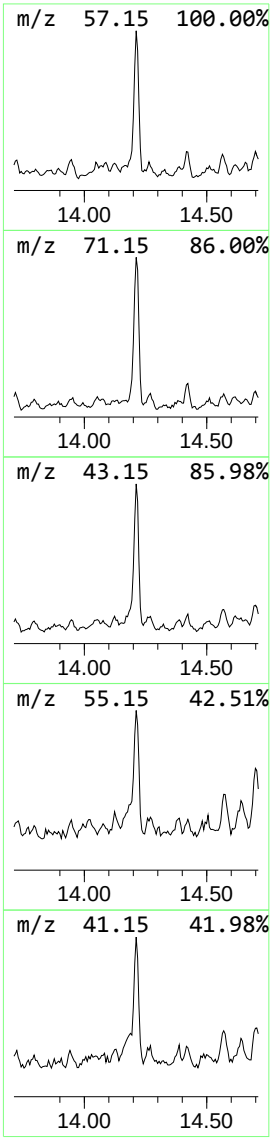
Peak Number 12 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.211	20.43 ng	497416	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	86
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
3	Dodecane	170	C12H26	000112-40-3	74
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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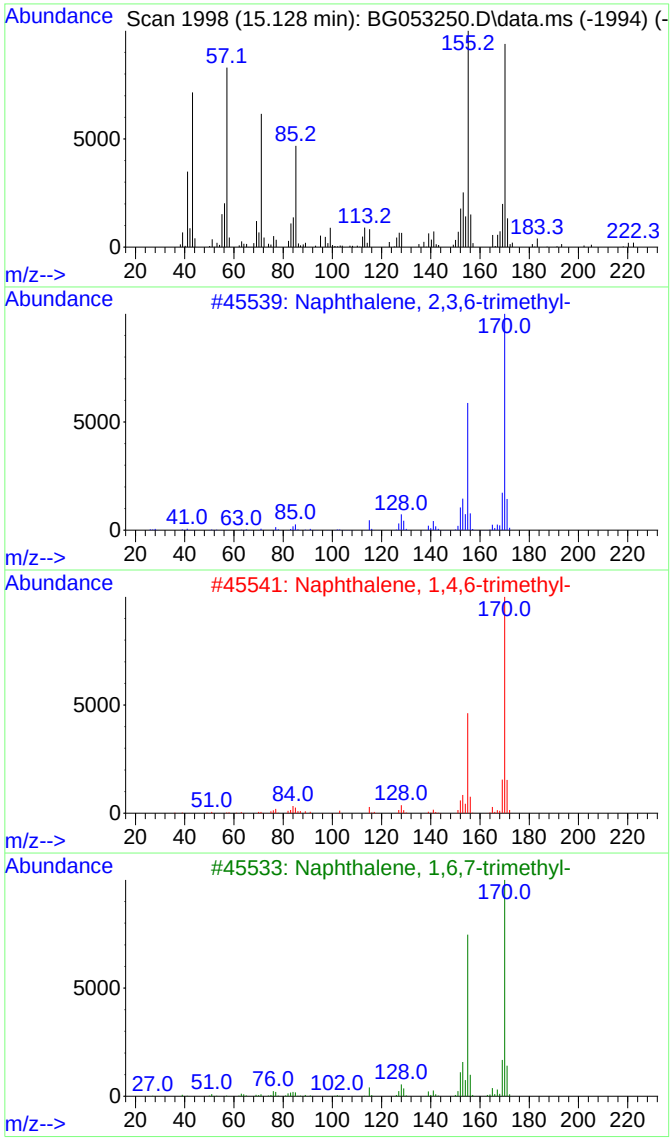
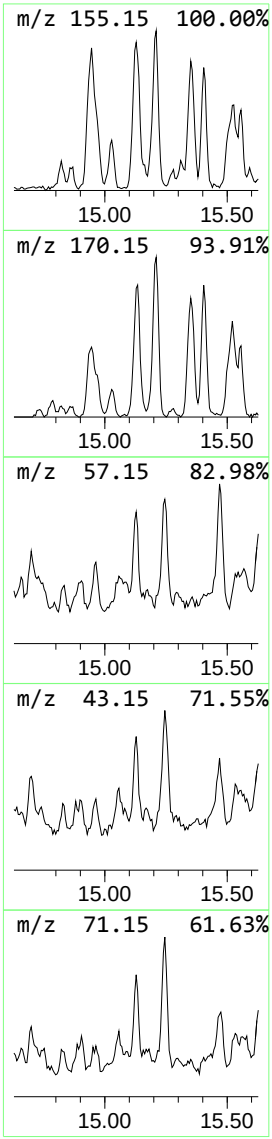
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.128	8.55 ng	208176	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70





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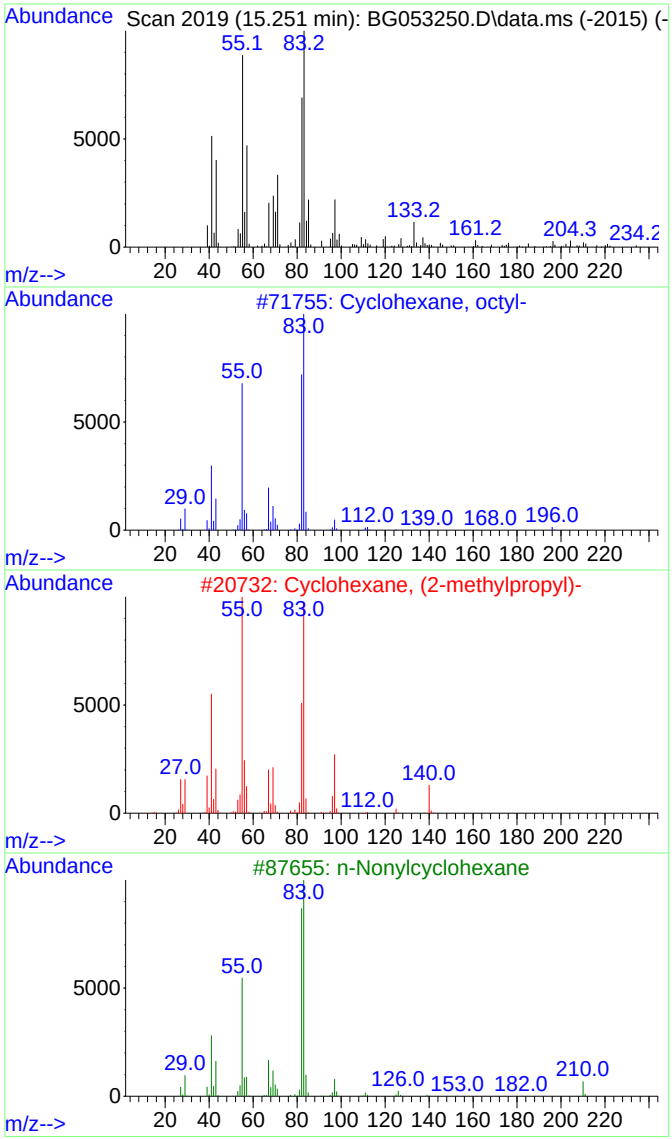
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

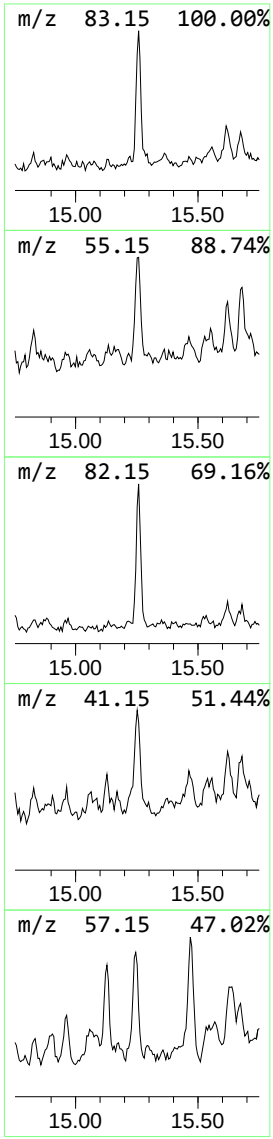
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	14.97 ng	364606	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	62
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	59
3	n-Nonylcyclohexane	210	C15H30	002883-02-5	59
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	53
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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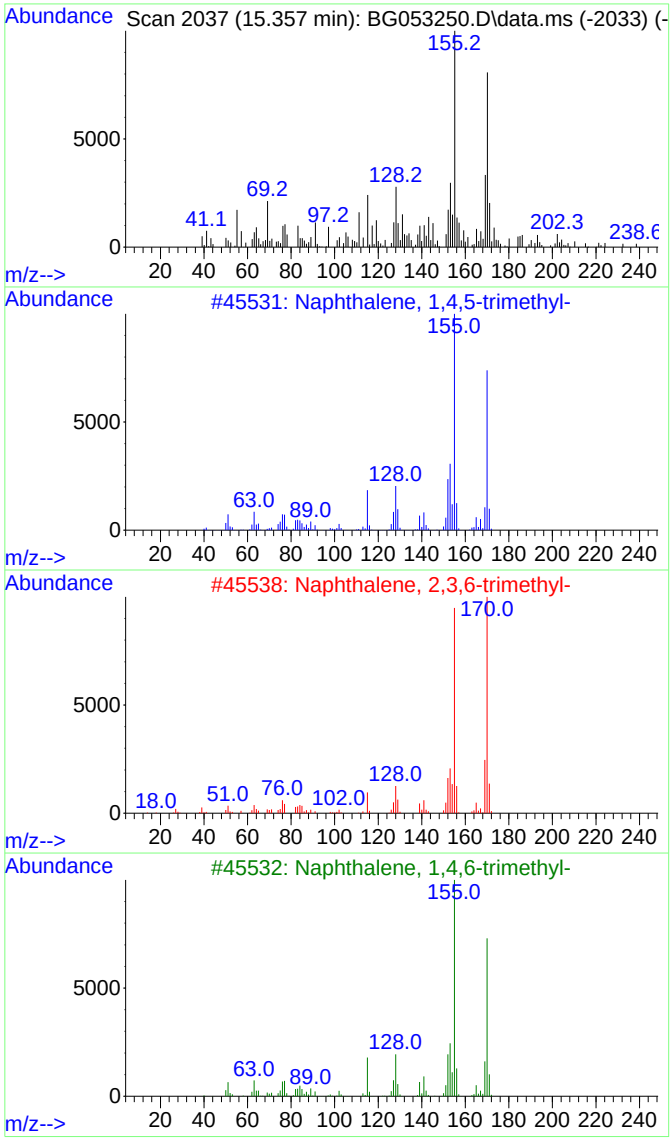
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

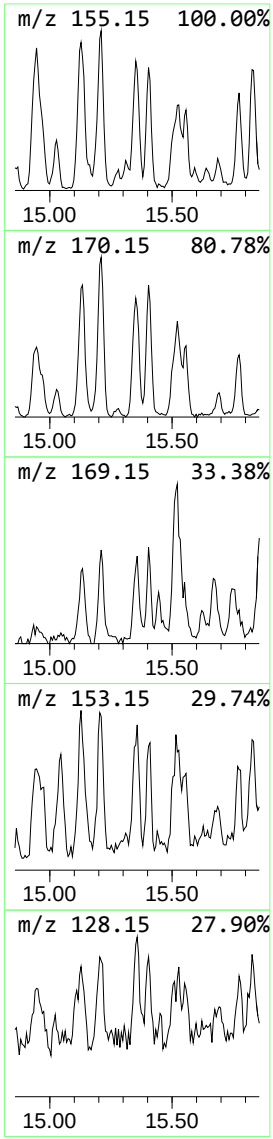
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	6.94 ng	168953	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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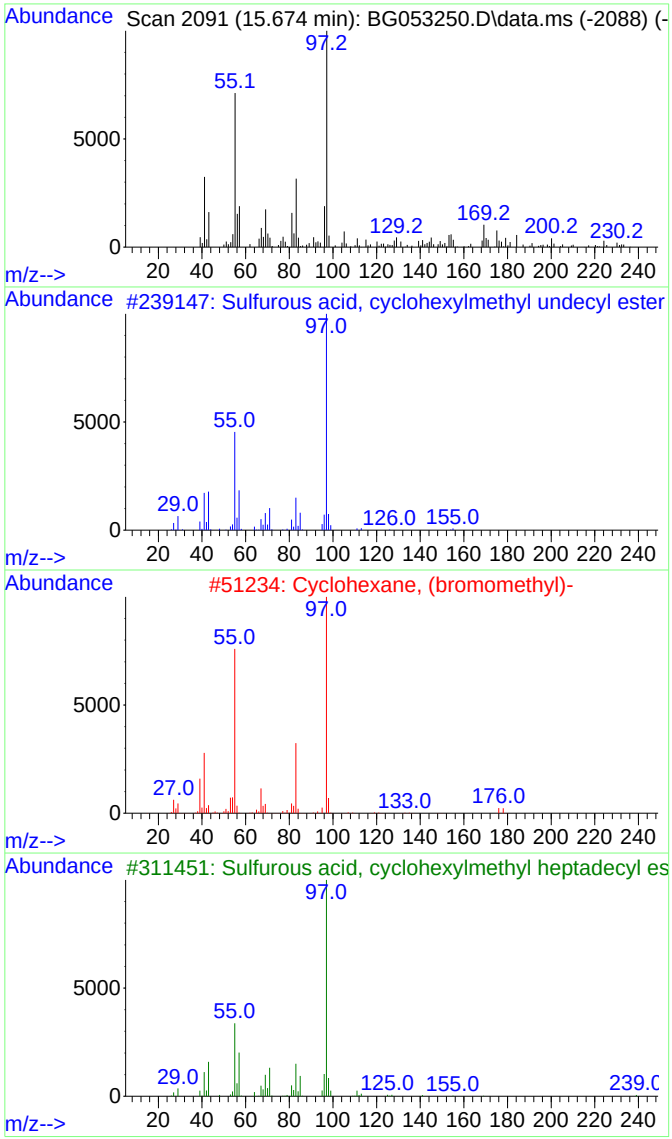
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

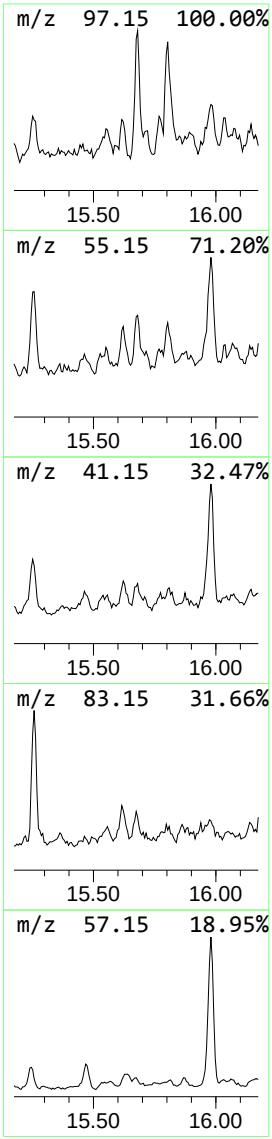
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Sulfurous acid, cyclohexylm... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.674	9.56 ng	232784	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
2	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	58
3	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	53
4	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

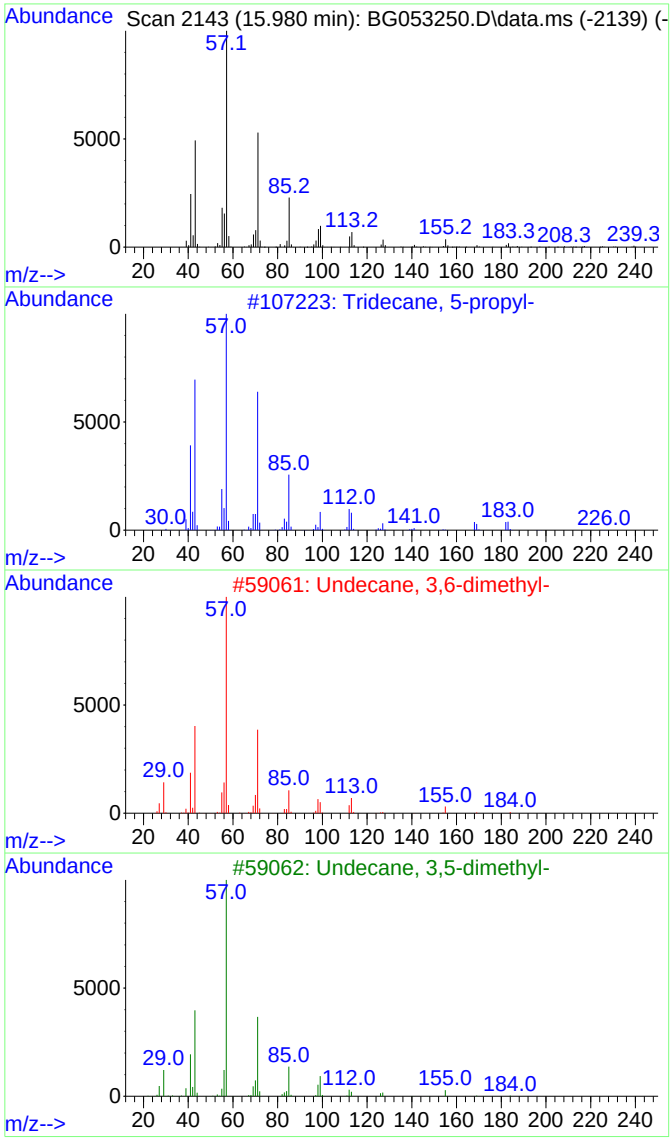
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

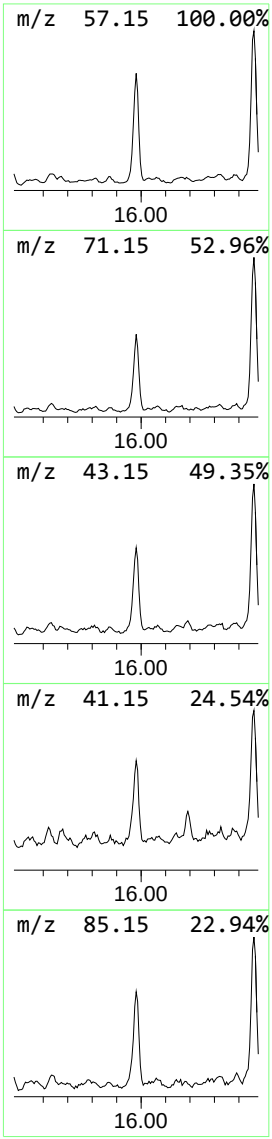
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	31.04 ng	755796	Acenaphthene-d10	14.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53





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Data File : BG053250.D
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Sample : N2480-07
Misc :
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Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
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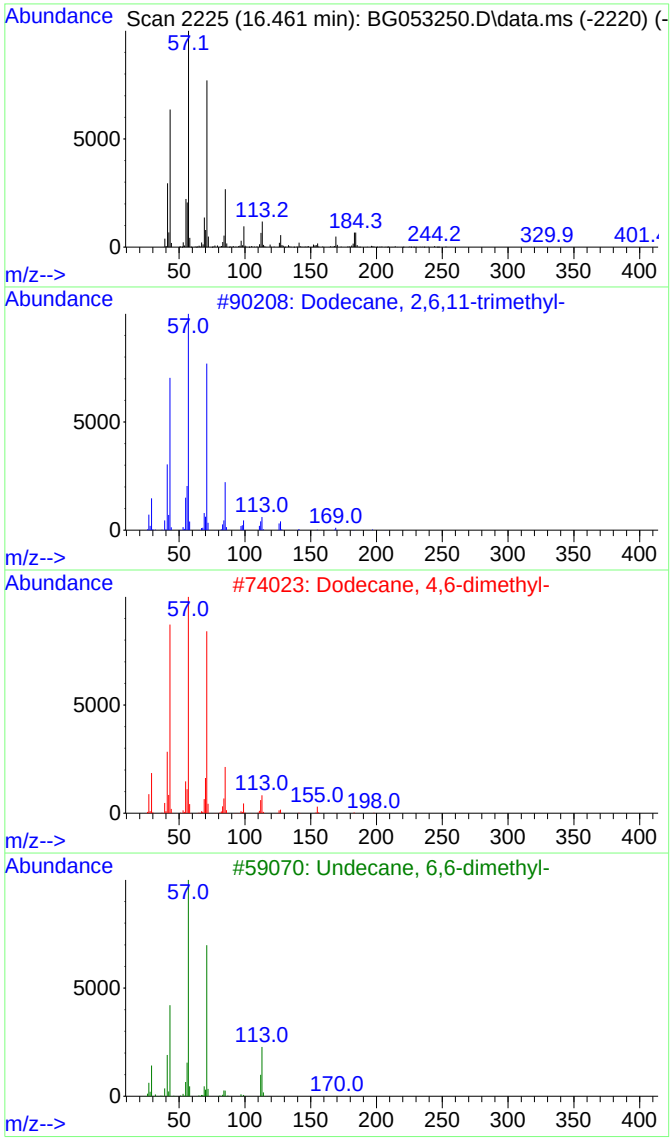
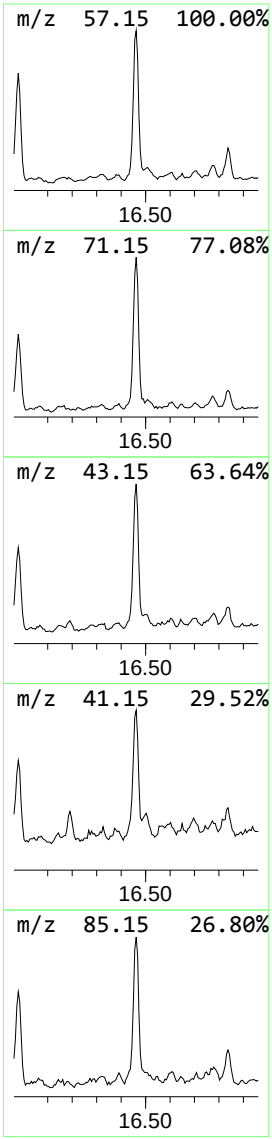
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.461	34.33 ng	1125620	Phenanthrene-d10	17.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	59
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

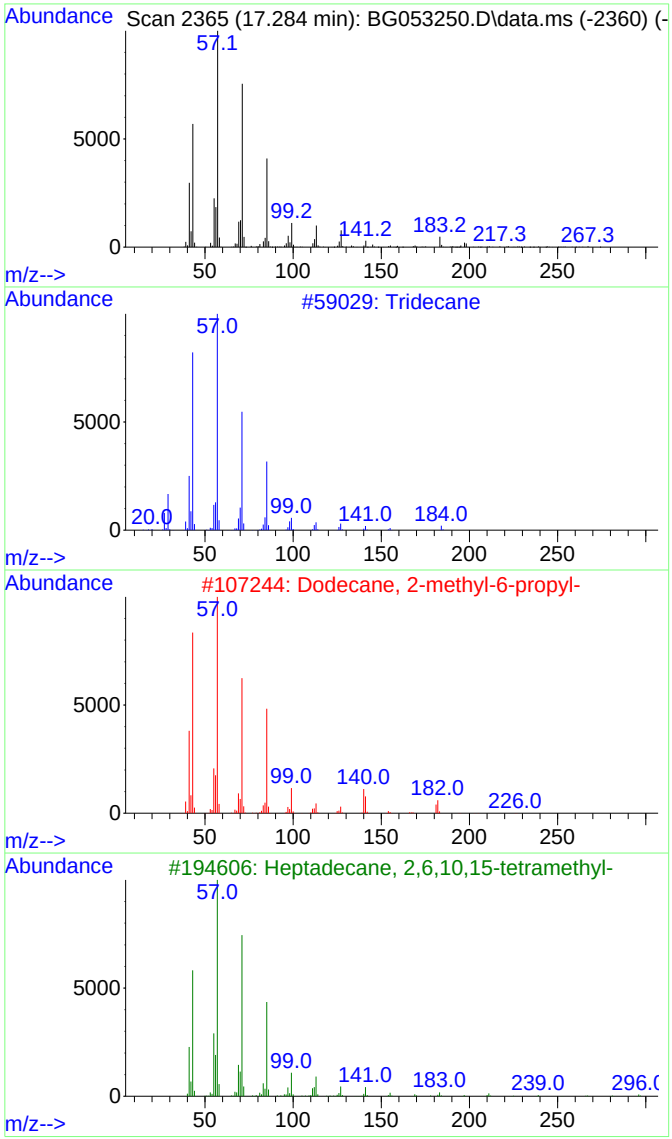
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

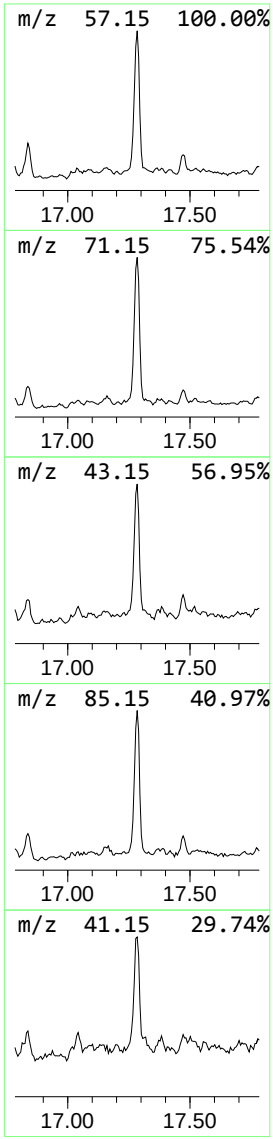
****

Peak Number 19 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.284	26.58 ng	871384	Phenanthrene-d10	17.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Data File : BG053250.D
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Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

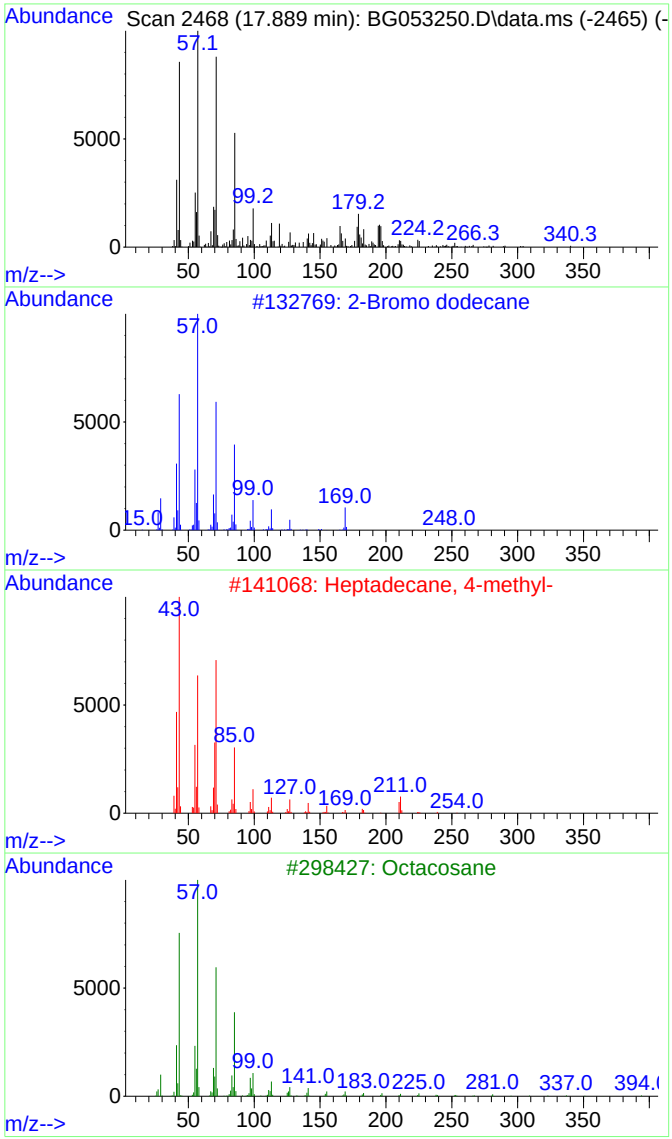
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

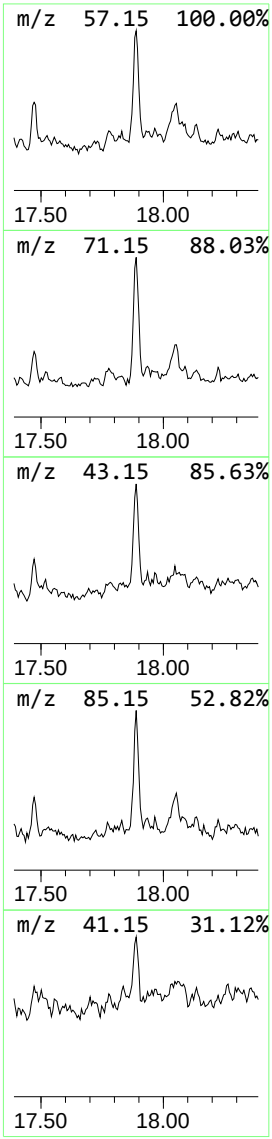
****

Peak Number 20 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.889	10.72 ng	351562	Phenanthrene-d10	17.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
3	Octacosane	394	C28H58	000630-02-4	58
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58
5	Pentadecane	212	C15H32	000629-62-9	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
Data File : BG053250.D
Acq On : 21 Apr 2022 20:46
Operator : CG/JU
Sample : N2480-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 2,2,3-t...	8.666	8.4	ng	155787	1	8.114	369161	20.0
unknown10.329	10.329	11.8	ng	312987	2	10.928	530162	20.0
Undecane, 2,6-d...	11.080	12.1	ng	320255	2	10.928	530162	20.0
Cyclohexane, 2-...	11.627	8.2	ng	216979	2	10.928	530162	20.0
Octane, 3,6-dim...	11.938	8.4	ng	221551	2	10.928	530162	20.0
unknown12.543	12.543	11.1	ng	294761	2	10.928	530162	20.0
Cyclohexane, oc...	13.019	6.8	ng	166048	3	14.740	487053	20.0
Dodecane, 2,7,1...	13.272	18.6	ng	452573	3	14.740	487053	20.0
1-Pentadecene	13.548	7.0	ng	170680	3	14.740	487053	20.0
Naphthalene, 1,...	13.912	8.1	ng	198004	3	14.740	487053	20.0
Naphthalene, 2,...	14.059	7.0	ng	169746	3	14.740	487053	20.0
Tritetracontane	14.211	20.4	ng	497416	3	14.740	487053	20.0
Naphthalene, 2,...	15.128	8.6	ng	208176	3	14.740	487053	20.0
Cyclohexane, (2...	15.251	15.0	ng	364606	3	14.740	487053	20.0
Naphthalene, 1,...	15.357	6.9	ng	168953	3	14.740	487053	20.0
Sulfurous acid,...	15.674	9.6	ng	232784	3	14.740	487053	20.0
Tridecane, 5-pr...	15.980	31.0	ng	755796	3	14.740	487053	20.0
Dodecane, 2,6,1...	16.461	34.3	ng	1125620	4	17.483	655790	20.0
Tridecane	17.284	26.6	ng	871384	4	17.483	655790	20.0
2-Bromo dodecane	17.889	10.7	ng	351562	4	17.483	655790	20.0