LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054847.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.691	404	409	415	rVB	48817	81246	3.07%	0.201%
2	5.756	415	420	438	rVB2	42296	110647	4.18%	0.274%
3	6.132	478	484	492	rVB3	40707	91237	3.45%	0.226%
4	6.390	519	528	535	rBV4	50093	139706	5.28%	0.346%
5	6.613	558	566	567	rBV3	33616	72514	2.74%	0.180%
6	6.672	572	576	581	rVB	80149	112307	4.24%	0.278%
7	6.766	587	592	607	rVB5	87530	253408	9.57%	0.628%
8	6.948	616	623	627	rBV3	34757	66885	2.53%	0.166%
9	7.113	641	651	658	rBV2	74968	151212	5.71%	0.375%
10	7.219	664	669	674	rBV3	56754	94955	3.59%	0.235%
11	7.277	674	679	688	rVV5	163558	381849	14.43%	0.947%
12	7.360	689	693	699	rVB	43946	73943	2.79%	0.183%
13	7.460	705	710	715	rVB3	43763	86201	3.26%	0.214%
14	7.524	715	721	725	rBV3	54405	106702	4.03%	0.265%
15	7.624	734	738	746	rVV4	64123	130809	4.94%	0.324%
16	7.789	762	766	774	rBV2	67864	118589	4.48%	0.294%
17	7.859	774	778	783	rVB3	44497	69184	2.61%	0.172%
18	7.959	783	795	801	rBV4	48165	129883	4.91%	0.322%
19	8.059	801	812	815	rBV7	65446	208522	7.88%	0.517%
20	8.106	816	820	824	rVV	155183	211906	8.01%	0.525%
21	8.153	824	828	832	rVV	107529	156059	5.90%	0.387%
22	8.264	842	847	851	rBV2	77632	148048	5.59%	0.367%
23	8.317	851	856	862	rVV4	118981	227831	8.61%	0.565%
24	8.388	862	868	871	rVV2	81558	144866	5.47%	0.359%
25	8.429	871	875	882	rVV2	129312	235376	8.89%	0.584%
26	8.488	882	885	892	rVB6	38862	66346	2.51%	0.164%
27	8.641	906	911	917	rBV5	64071	173454	6.55%	0.430%
28	8.705	917	922	930	rVB5	135324	317151	11.98%	0.786%
29	8.787	930	936	940	rBV3	83429	166261	6.28%	0.412%
30	8.923	954	959	966	rBV5	29992	69639	2.63%	0.173%
31	8.993	966	971	976	rBV3	130780	266655	10.07%	0.661%
32	9.105	985	990	993	rBV3	44200	85461	3.23%	0.212%
33	9.257	1004	1016	1023	rBV2	317536	815140	30.80%	2.021%
34	9.346	1025	1031	1038	rVV5	187926	452937	17.11%	1.123%
35	9.410	1039	1042	1046	rVV3	48070	75889	2.87%	0.188%
36	9.504	1046	1058	1065	rVV10	156370	570378	21.55%	1.414%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-14-A-SP

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.610	1066	1076	1086	rVV6	119074	406274	15.35%	1.007%
38	9.727	1086	1096	1100	rVV8	57523	216844	8.19%	0.538%
39	9.786	1100	1106	1111	rVV	215742	422433	15.96%	1.047%
40	9.845	1111	1116	1119	rVV3	131621	241593	9.13%	0.599%
41	9.886	1119	1123	1133	rVB3	163821	374698	14.16%	0.929%
42	10.021	1138	1146	1148	rBV3	82214	195505	7.39%	0.485%
43	10.080	1151	1156	1160	rVB	167225	272053	10.28%	0.674%
44	10.145	1162	1167	1173	rBV4	198787	366366	13.84%	0.908%
45	10.368	1199	1205	1211	rBV2	173880	369326	13.95%	0.916%
46	10.544	1226	1235	1242	rBV7	94876	296100	11.19%	0.734%
47	10.668	1250	1256	1262	rVB2	121992	291255	11.00%	0.722%
48	10.738	1264	1268	1273	rBV4	64841	124668	4.71%	0.309%
49	10.814	1278	1281	1284	rBV4	54344	77773	2.94%	0.193%
50	10.856	1284	1288	1294	rVV4	80717	141910	5.36%	0.352%
51	10.944	1295	1303	1305	rBV6	111229	282952	10.69%	0.701%
52	10.979	1305	1309	1314	rVB	205316	350975	13.26%	0.870%
53	11.108	1325	1331	1336	rVB	513305	955821	36.11%	2.370%
54	11.179	1337	1343	1349	rBV5	188907	415305	15.69%	1.030%
55	11.331	1362	1369	1374	rBV5	104031	251778	9.51%	0.624%
56	11.390	1375	1379	1383	rVV3	81833	160900	6.08%	0.399%
57	11.455	1384	1390	1395	rVB4	166783	332736	12.57%	0.825%
58	11.660	1421	1425	1432	rVB5	277660	492996	18.62%	1.222%
59	11.796	1442	1448	1453	rBV6	108822	234372	8.85%	0.581%
60	11.878	1456	1462	1468	rVB9	139074	335625	12.68%	0.832%
61	11.966	1472	1477	1482	rVV	751452	1237786	46.76%	3.069%
62	12.013	1482	1485	1489	rVV3	212805	345198	13.04%	0.856%
63	12.060	1490	1493	1500	rVB3	137068	259843	9.82%	0.644%
64	12.160	1505	1510	1516	rBV3	136023	238705	9.02%	0.592%
65	12.242	1516	1524	1528	rBV5	167267	405708	15.33%	1.006%
66	12.354	1539	1543	1547	rBV3	99487	189007	7.14%	0.469%
67	12.577	1574	1581	1586	rVB4	265342	537089	20.29%	1.332%
68	12.630	1586	1590	1595	rVB2	115740	182268	6.89%	0.452%
69	12.765	1609	1613	1615	rBV3	97246	160437	6.06%	0.398%
70	12.841	1622	1626	1635	rVB3	211042	387074	14.62%	0.960%
71	12.988	1646	1651	1655	rBV5	181823	366356	13.84%	0.908%
72	13.053	1659	1662	1671	rVB	302910	616299	23.28%	1.528%
73	13.306	1699	1705	1714	rBV	1002084	1593580	60.20%	3.951%
74	13.594	1747	1754	1762	rBV7	191989	671379	25.36%	1.664%
75	13.823	1790	1793	1800	rVB6	188298	375051	14.17%	0.930%
76	13.970	1811	1818	1824	rVB2	344085	813984	30.75%	2.018%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.105	1837	1841	1846	rBV	428014	693967	26.22%	1.720%
78	14.158	1846	1850	1854	rVV2	378395	544435	20.57%	1.350%
79	14.205	1855	1858	1860	rVV	304358	406313	15.35%	1.007%
80	14.240	1860	1864	1869	rVB2	1305106	1898162	71.71%	4.706%
81	14.346	1879	1882	1886	rVB3	151594	191432	7.23%	0.475%
82	14.528	1907	1913	1918	rBV5	192336	453252	17.12%	1.124%
83	14.610	1922	1927	1932	rVB2	317693	494292	18.67%	1.225%
84	14.733	1943	1948	1952	rBV4	237725	564237	21.32%	1.399%
85	14.786	1954	1957	1962	rVV	414046	617750	23.34%	1.532%
86	14.857	1966	1969	1974	rVV6	153868	212772	8.04%	0.528%
87	14.992	1987	1992	2000	rVB	301893	639005	24.14%	1.584%
88	15.068	2002	2005	2015	rBV8	127592	399332	15.09%	0.990%
89	15.162	2016	2021	2022	rBV	291171	448746	16.95%	1.113%
90	15.256	2033	2037	2041	rBV2	314177	619809	23.42%	1.537%
91	15.397	2056	2061	2065	rBV2	369455	658421	24.87%	1.632%
92	15.450	2066	2070	2074	rVV	206321	322477	12.18%	0.799%
93	15.568	2084	2090	2094	rBV5	311677	670952	25.35%	1.663%
94	15.656	2101	2105	2109	rBV3	158840	289481	10.94%	0.718%
95	16.002	2159	2164	2176	rVB	861146	1669768	63.08%	4.140%
96	16.490	2241	2247	2252	rBV	1684723	2646961	100.00%	6.562%
97	17.307	2382	2386	2391	rVB	1021830	1523677	57.56%	3.778%
98	17.536	2421	2425	2429	rVB	400063	568270	21.47%	1.409%
99	17.918	2487	2490	2495	rVB	320842	433227	16.37%	1.074%
100	19.140	2695	2698	2704	rVB2	454889	715530	27.03%	1.774%

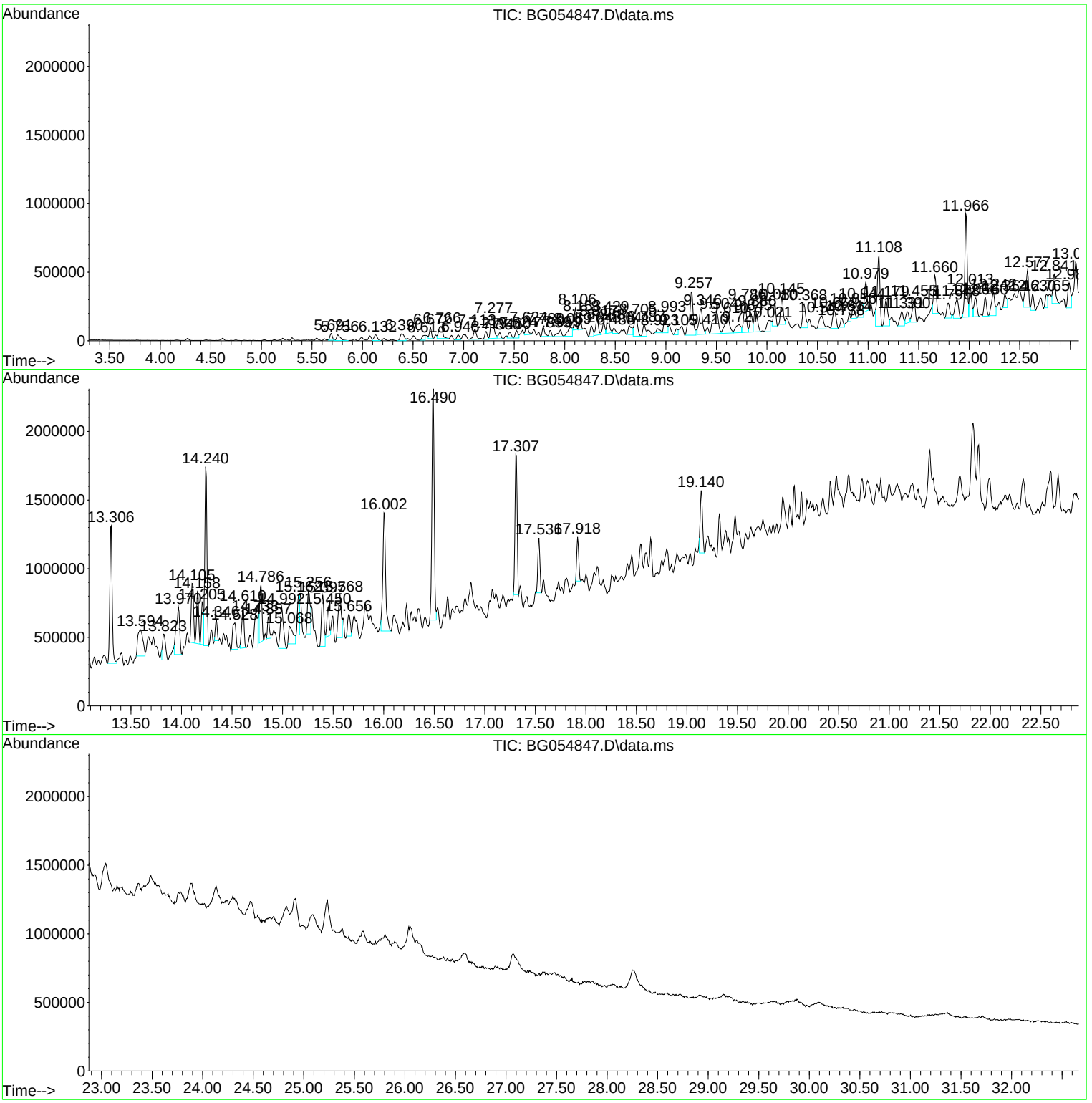
Sum of corrected areas: 40335486

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

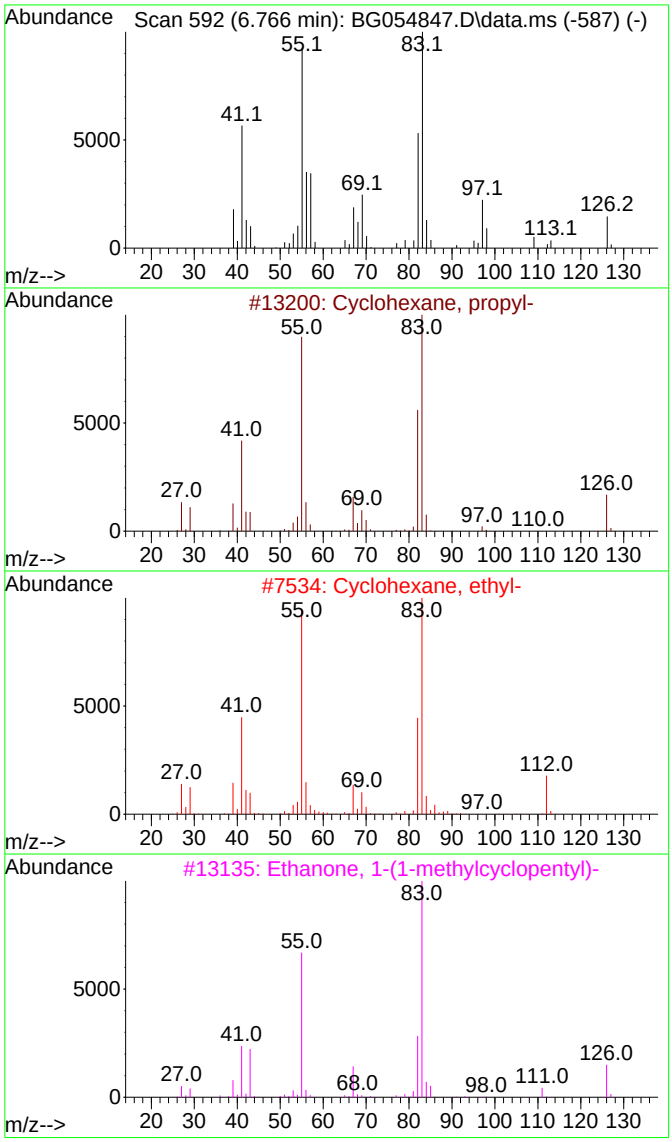
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

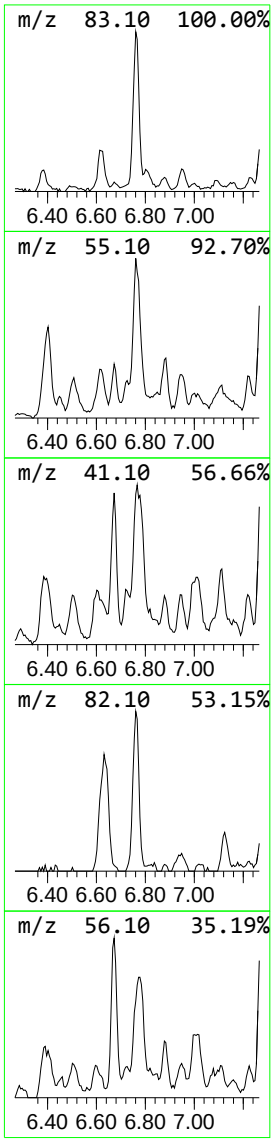
****

Peak Number 1 Cyclohexane, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.766	32.48 ng	253408	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
3	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	50
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

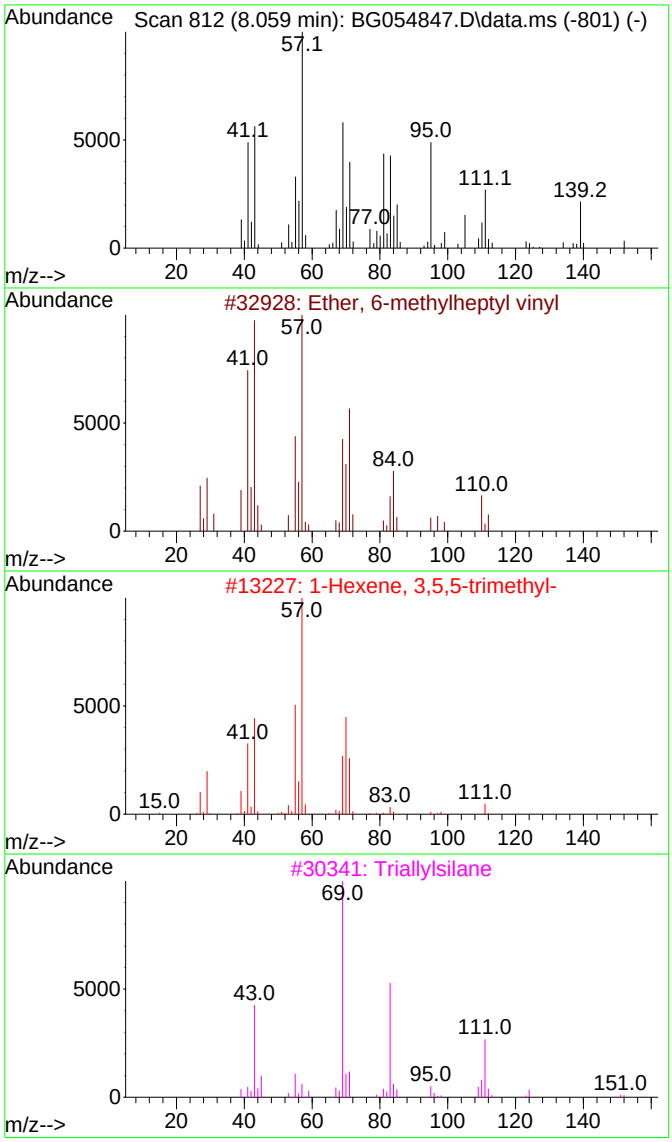
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

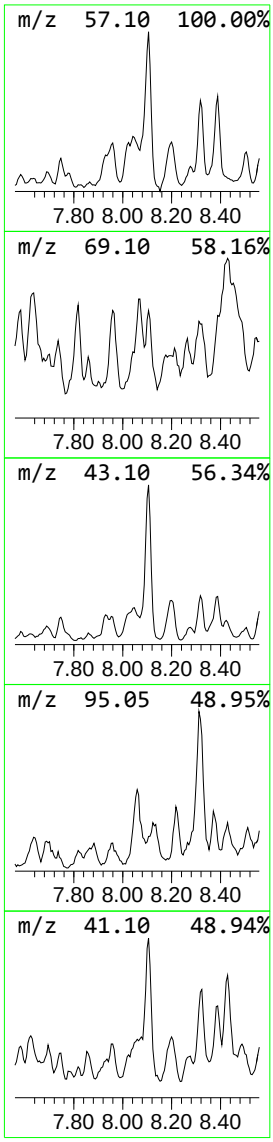
****

Peak Number 2 unknown8.059 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.059	26.72 ng	208522	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	27
2	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	22
3	Triallylsilane	152	C9H16Si	001116-62-7	22
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	22
5	Nonadecane	268	C19H40	000629-92-5	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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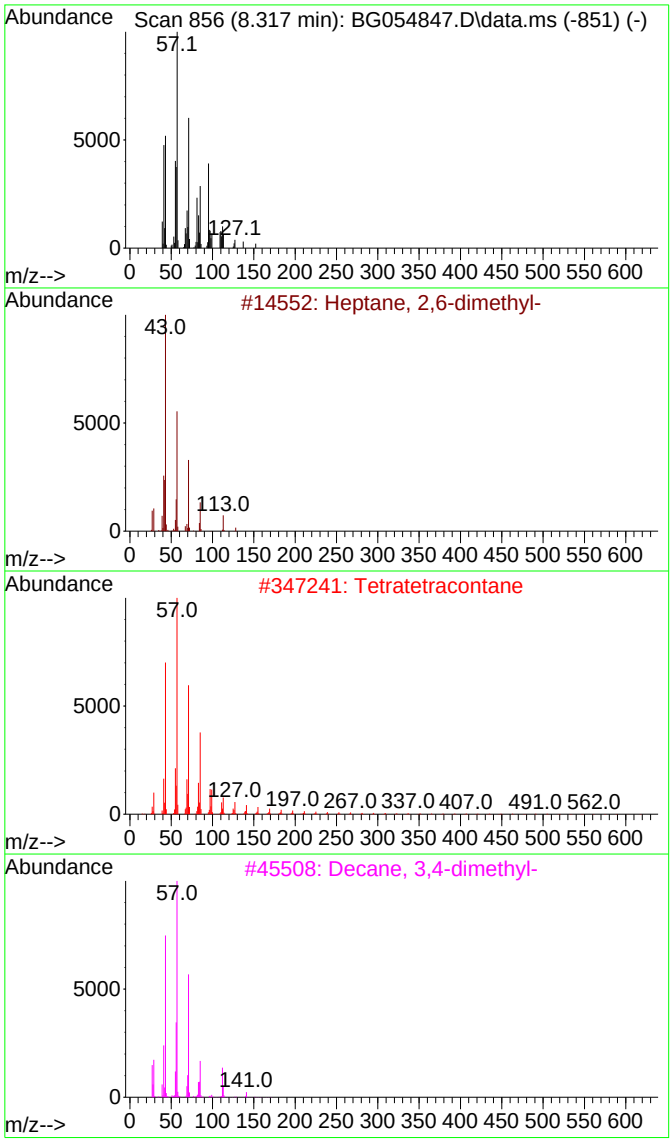
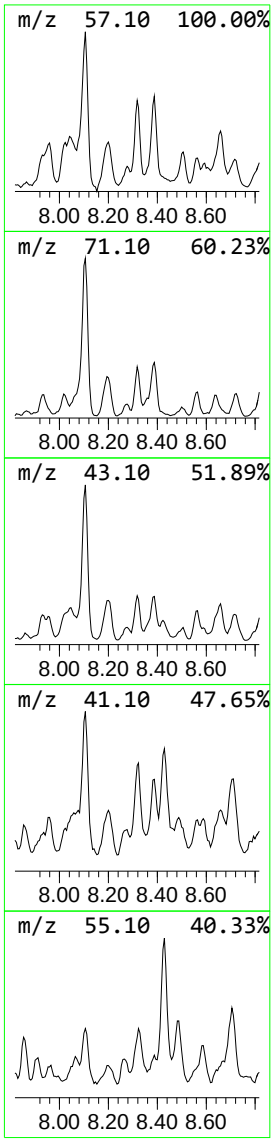
Peak Number 3 unknown8.317 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.317	29.20 ng	227831	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	47
2	Tetratetracontane	619	C44H90	007098-22-8	47
3	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	47
4	Pentadecane	212	C15H32	000629-62-9	46
5	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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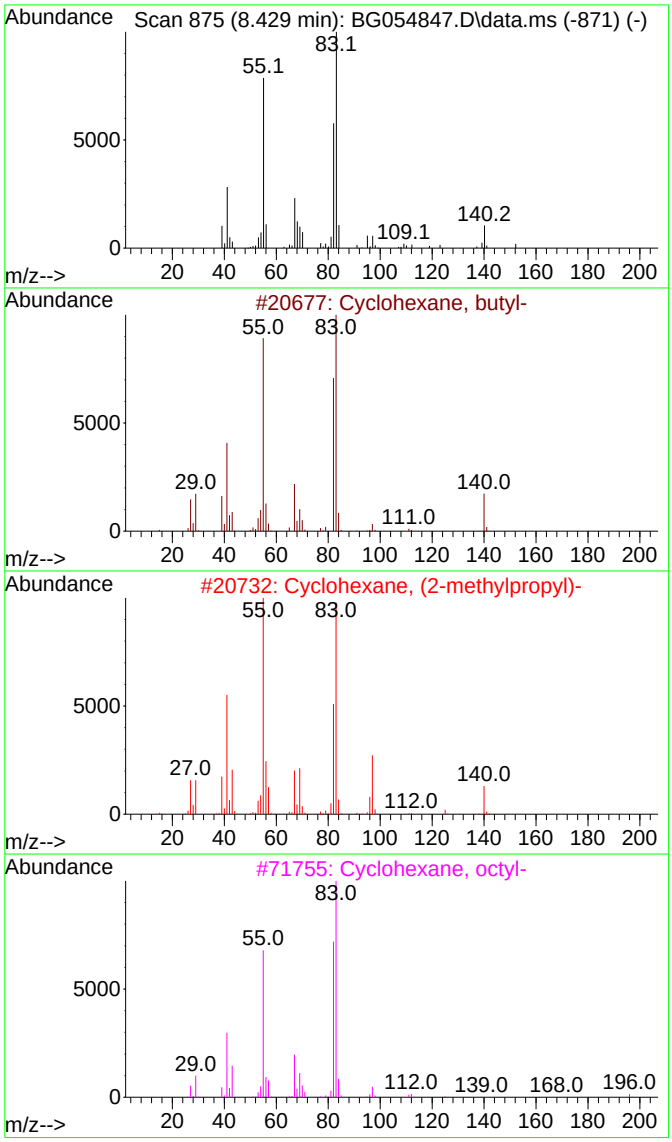
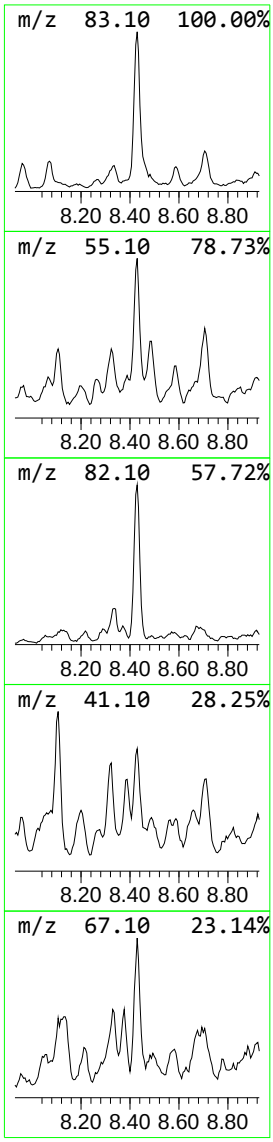
Peak Number 4 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.429	30.16 ng	235376	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

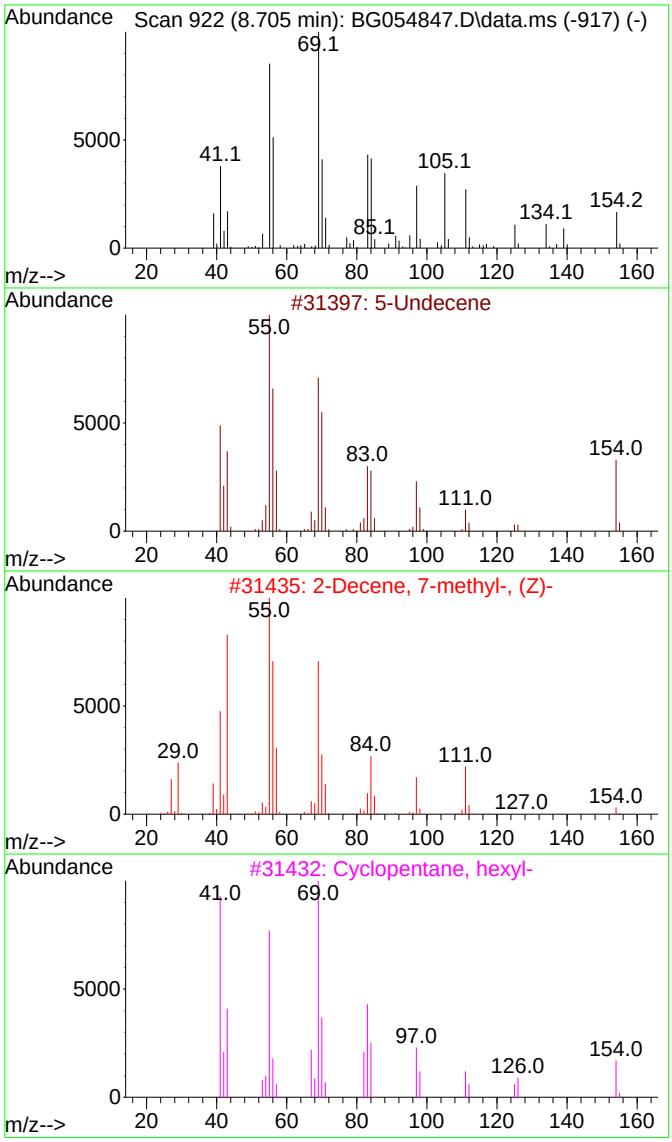
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

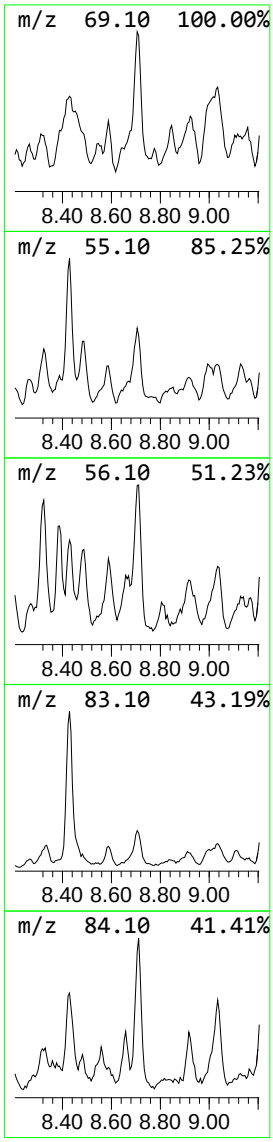
****

Peak Number 5 5-Undecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.705	40.65 ng	317151	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	68
2	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	64
3	Cyclopentane, hexyl-	154	C11H22	004457-00-5	62
4	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
5	Formic acid, 3-methylpentyl ester	130	C7H14O2	1000368-21-3	43





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Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
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Instrument :
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ClientSampleId :
WC-14-A-SP

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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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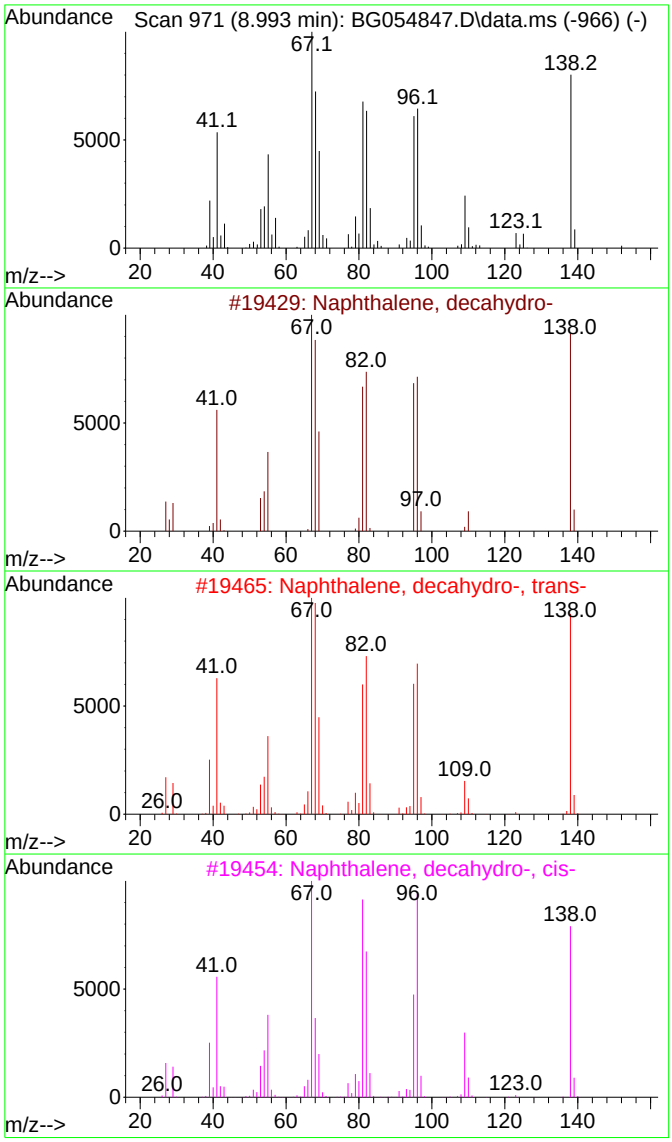
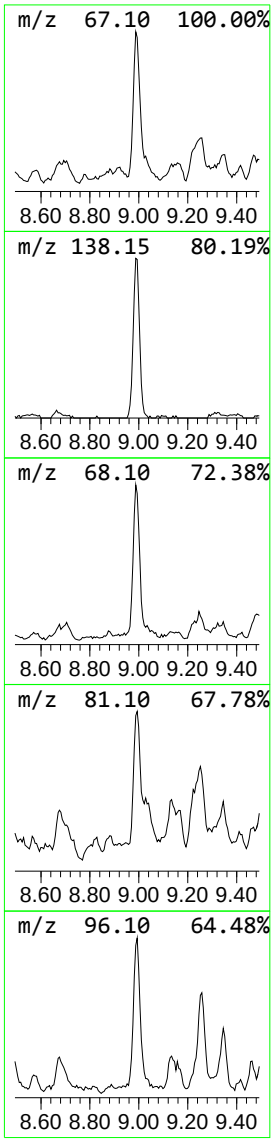
Peak Number 6 Naphthalene, decahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.993	34.17 ng	266655	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	98
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	96
4	Spiro[4.5]decane	138	C10H18	000176-63-6	93
5	Cyclodecene	138	C10H18	003618-12-0	87





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Instrument :
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ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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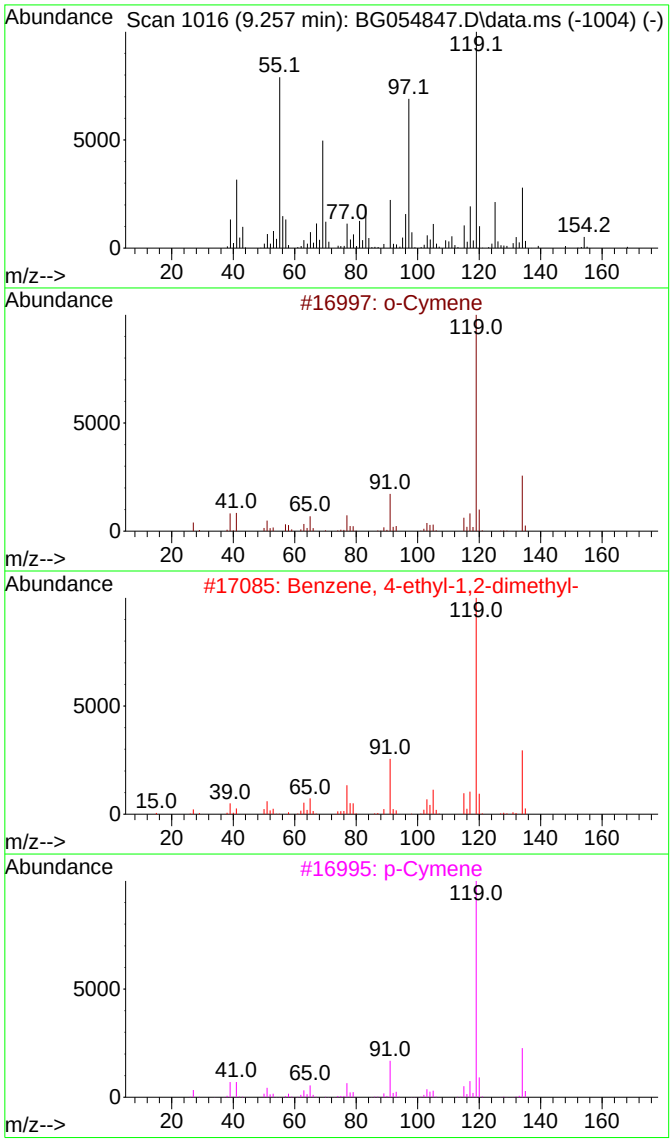
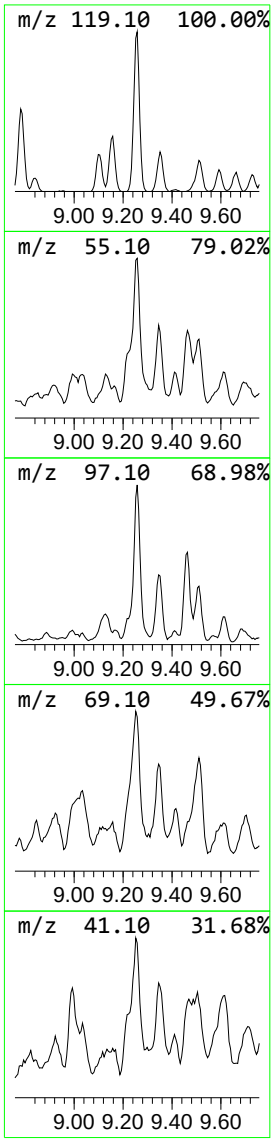
Peak Number 7 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	104.47 ng	815140	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	86
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
3	p-Cymene	134	C10H14	000099-87-6	86
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	46





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ClientSampleId :
WC-14-A-SP

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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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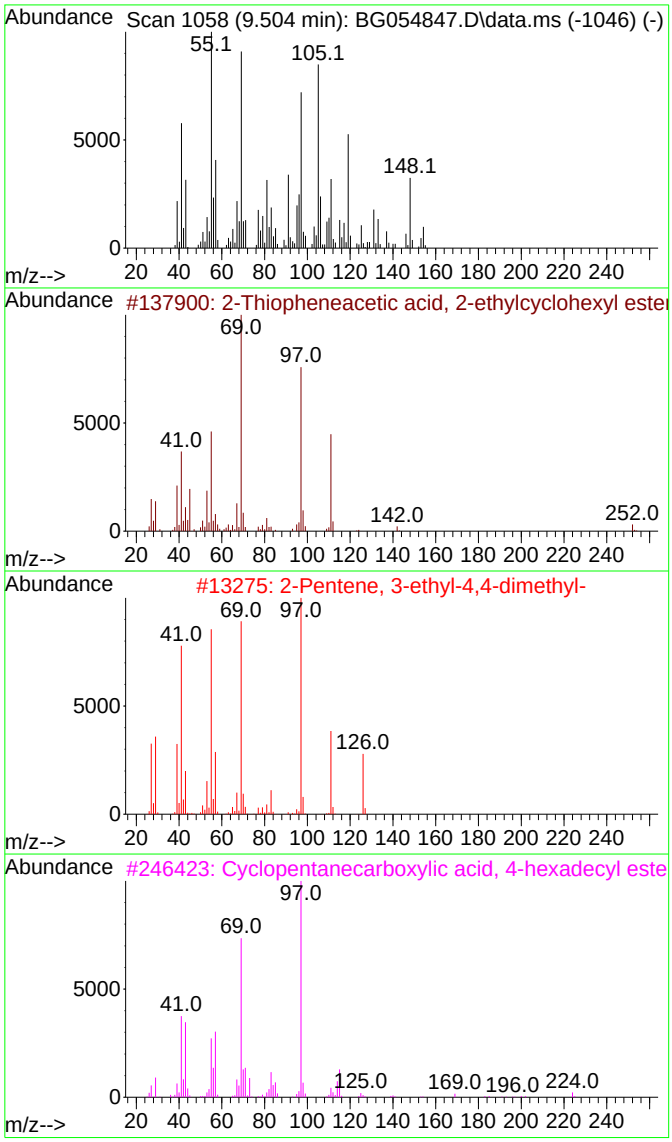
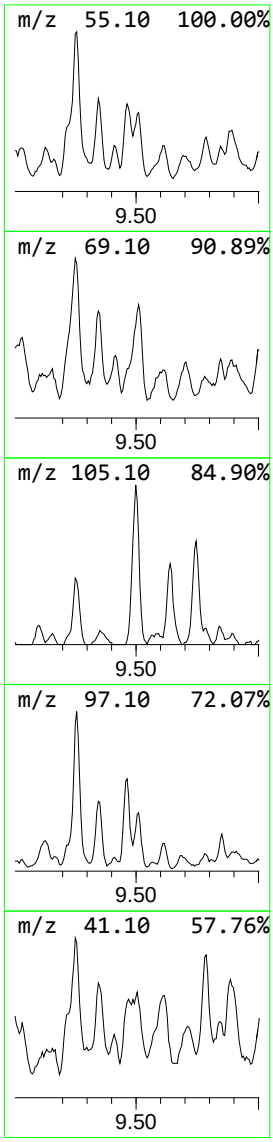
Peak Number 8 unknown9.504 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	73.10 ng	570378	1,4-Dichlorobenzene-d4	8.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	38
2	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	38
3	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	35
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	27
5	3,4-Dihydro-2-[1H]quinoxalinone	148	C8H8N2O	059564-59-9	25





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-A-SP

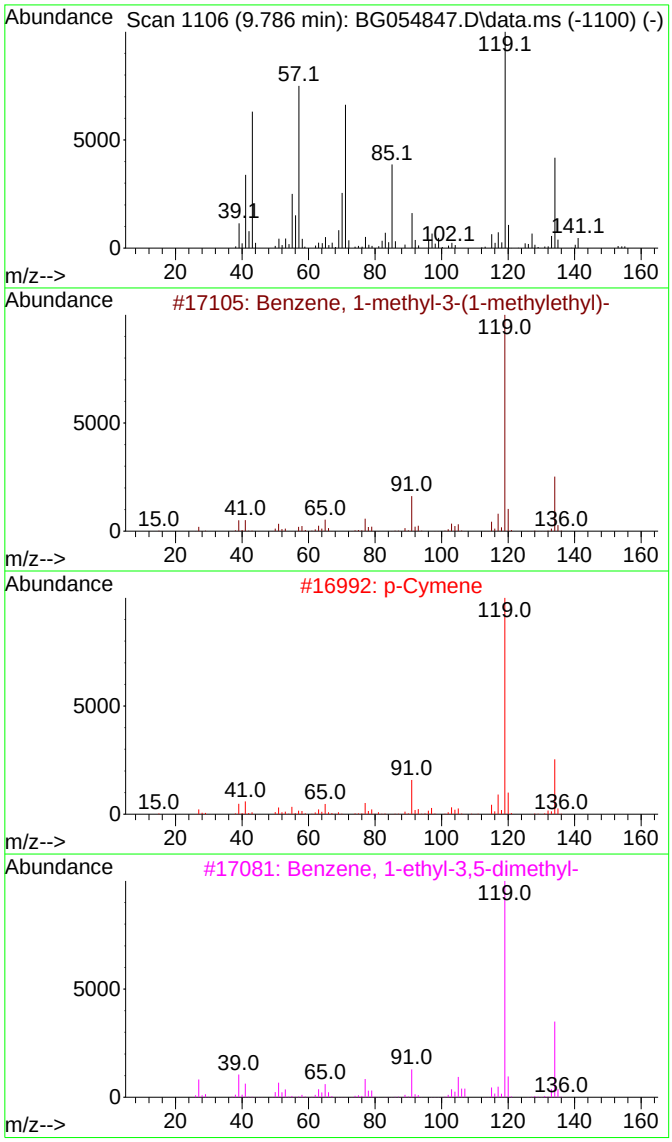
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

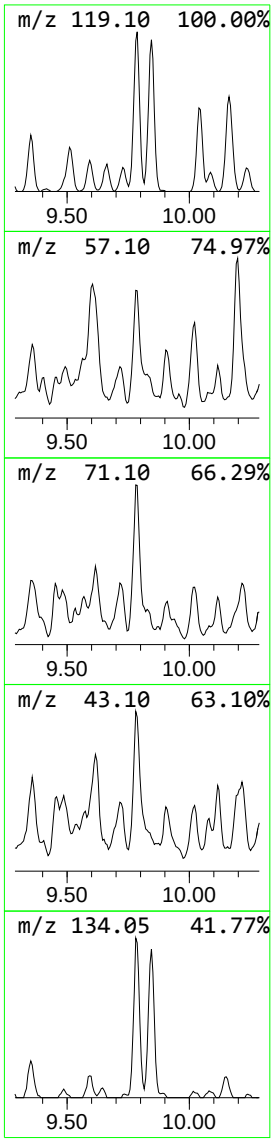
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.786	24.07 ng	422433	Naphthalene-d8	10.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
2	p-Cymene	134	C10H14	000099-87-6	50
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	o-Cymene	134	C10H14	000527-84-4	50





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Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

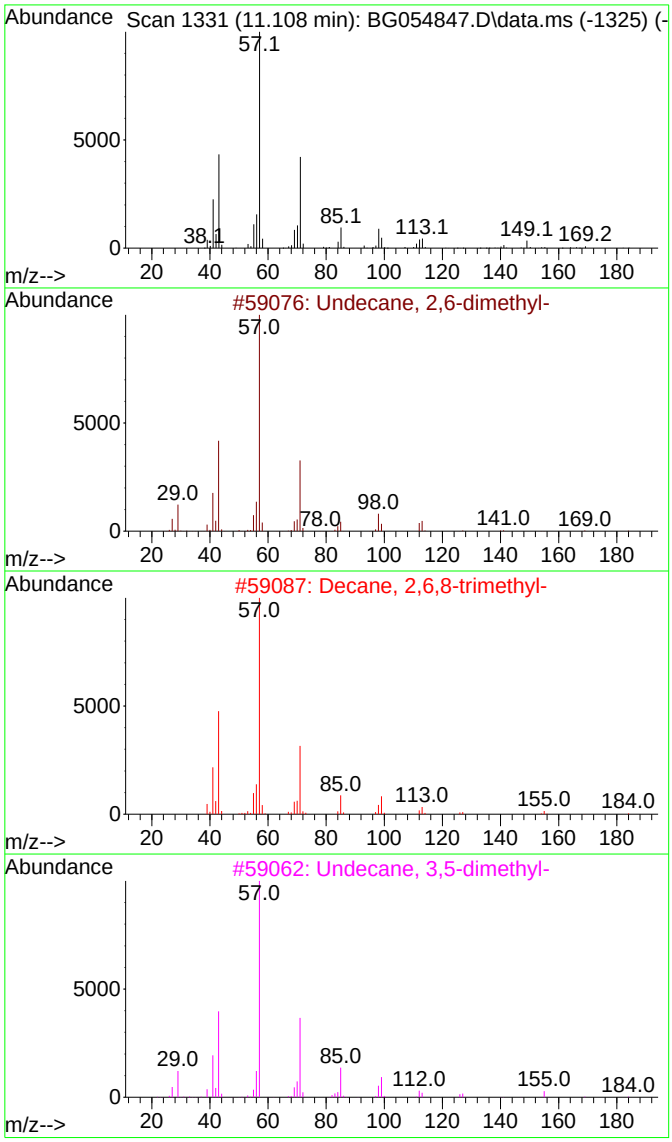
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

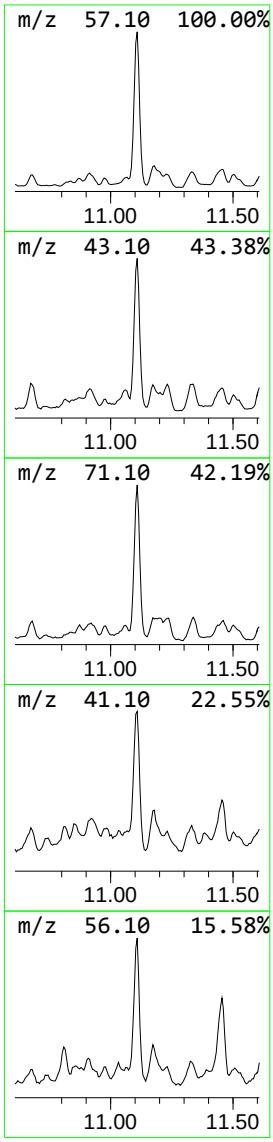
****

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.108	54.47 ng	955821	Naphthalene-d8	10.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	90
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72





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ALS Vial : 15 Sample Multiplier: 1

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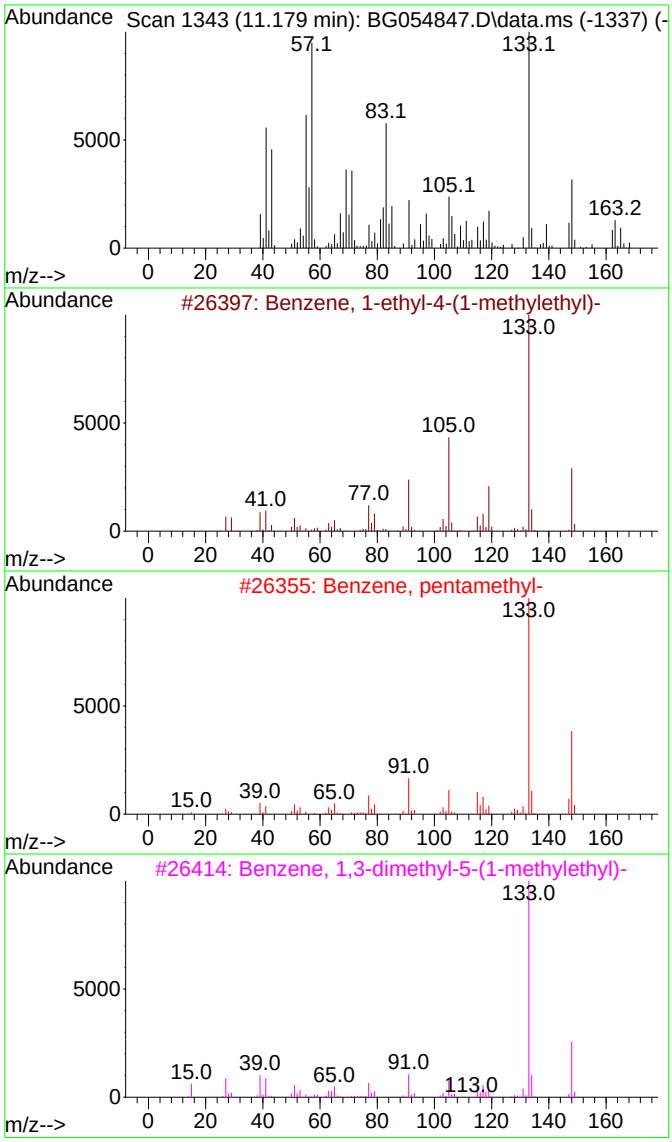
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

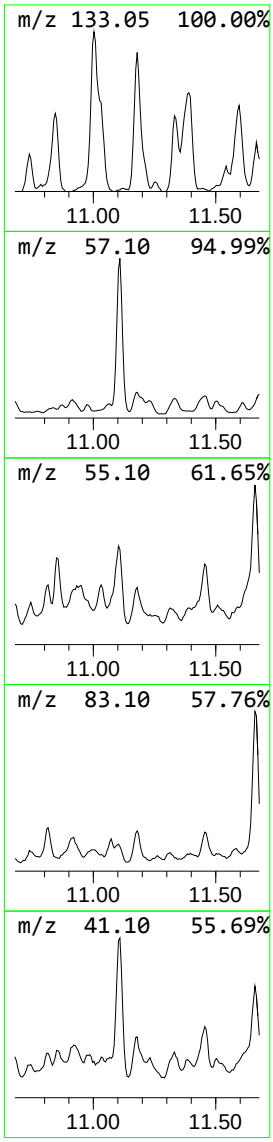
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.179	23.67 ng	415305	Naphthalene-d8	10.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	55
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
4	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	43
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	43





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Misc :
ALS Vial : 15 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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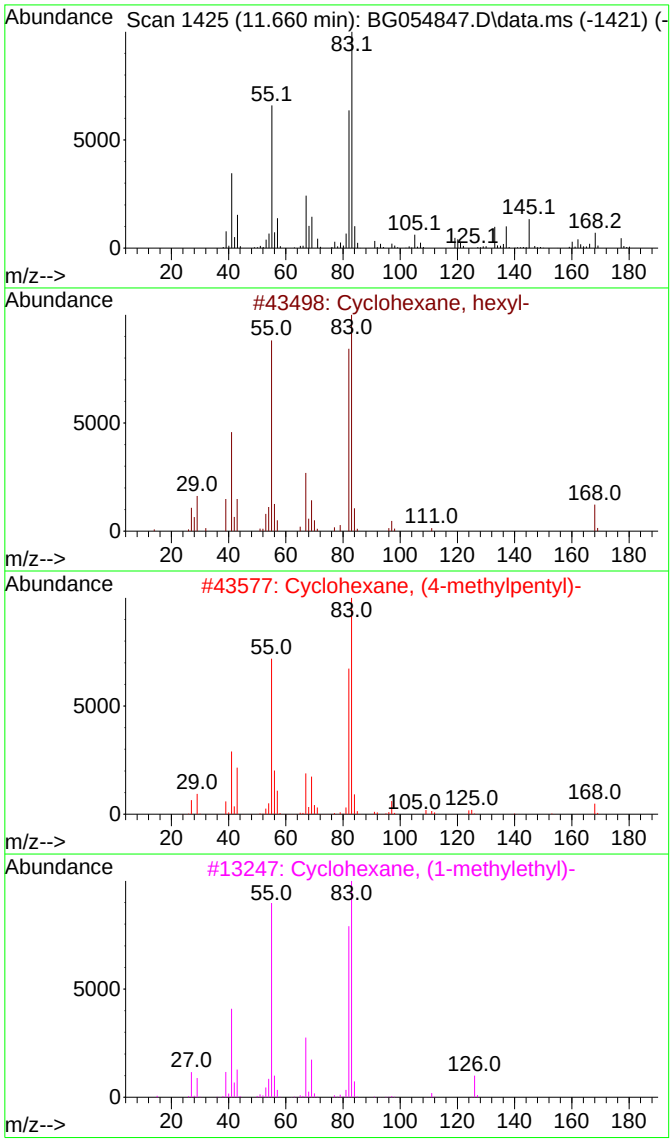
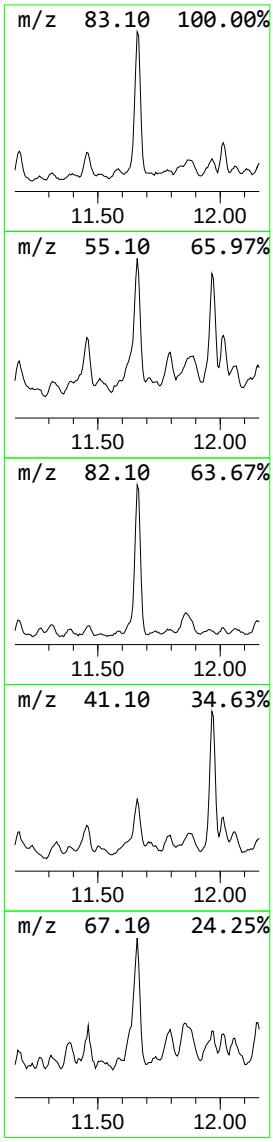
Peak Number 12 Cyclohexane, hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.661	28.09 ng	492996	Naphthalene-d8	10.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53





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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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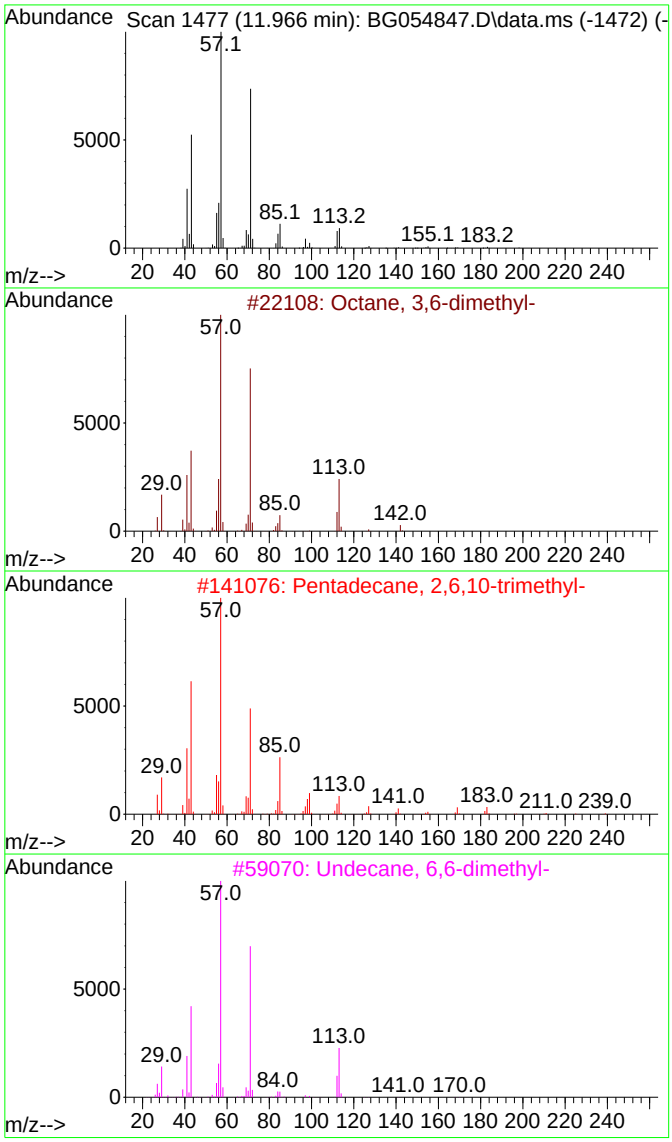
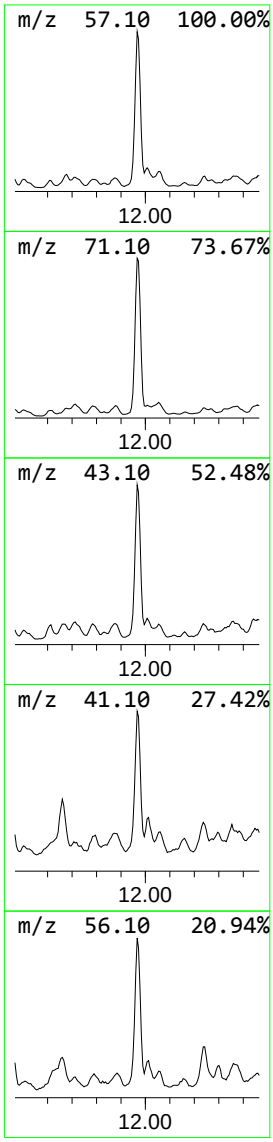
Peak Number 13 Octane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.966	70.53 ng	1237790	Naphthalene-d8	10.979

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





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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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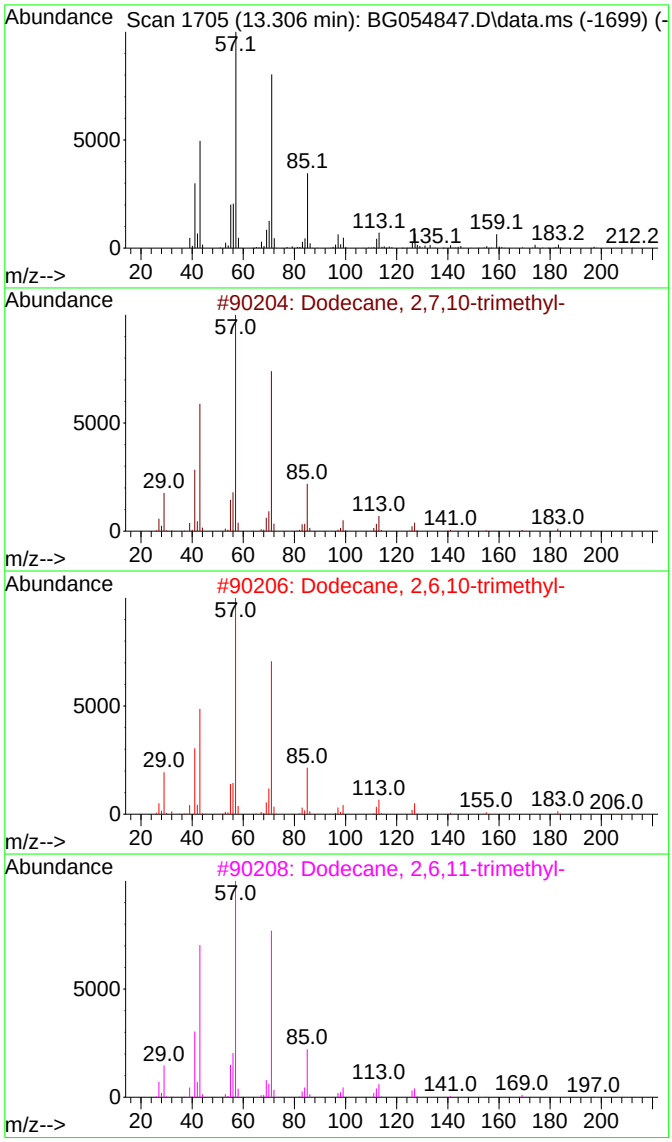
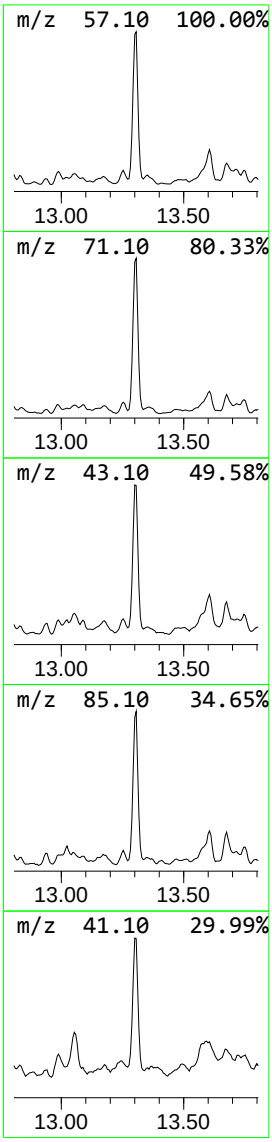
Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.306	51.59 ng	1593580	Acenaphthene-d10	14.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Heptacosane	380	C27H56	000593-49-7	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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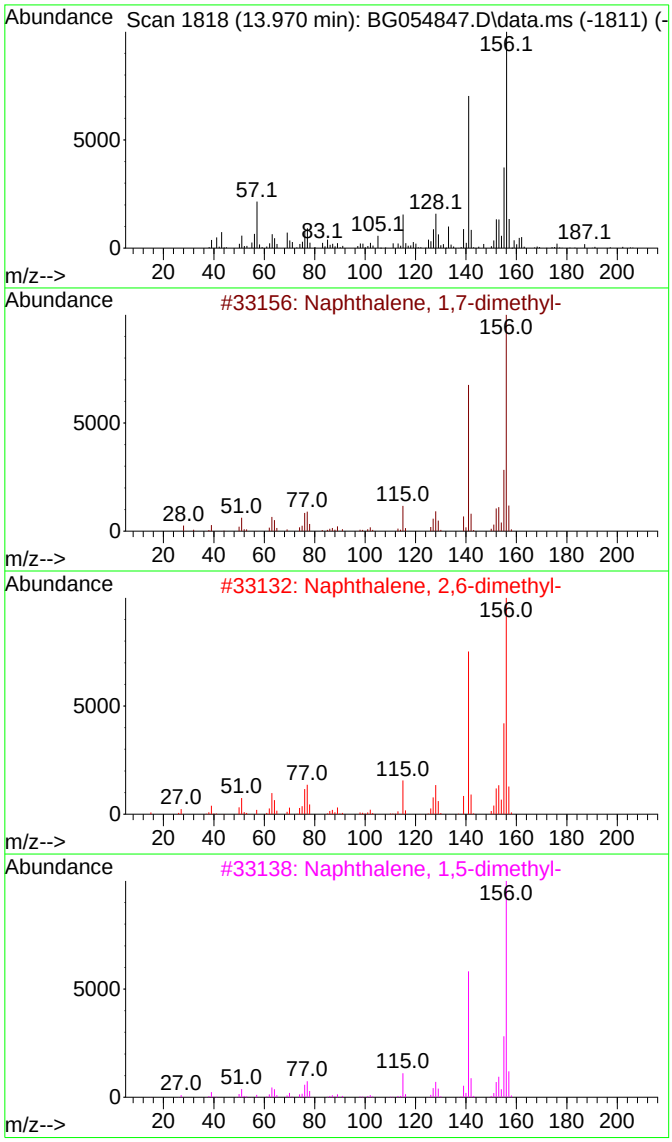
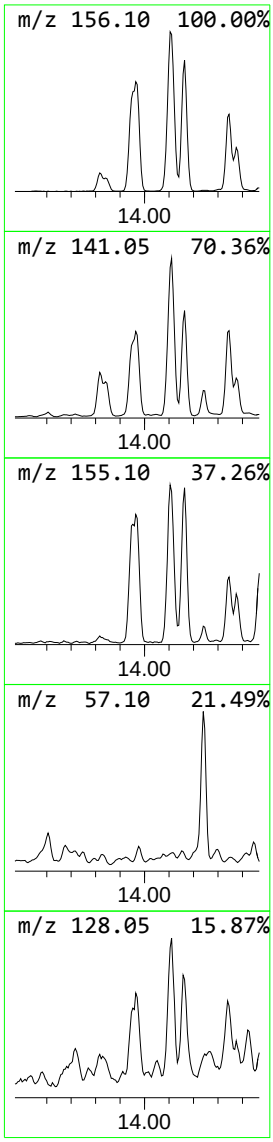
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.970	26.35 ng	813984	Acenaphthene-d10	14.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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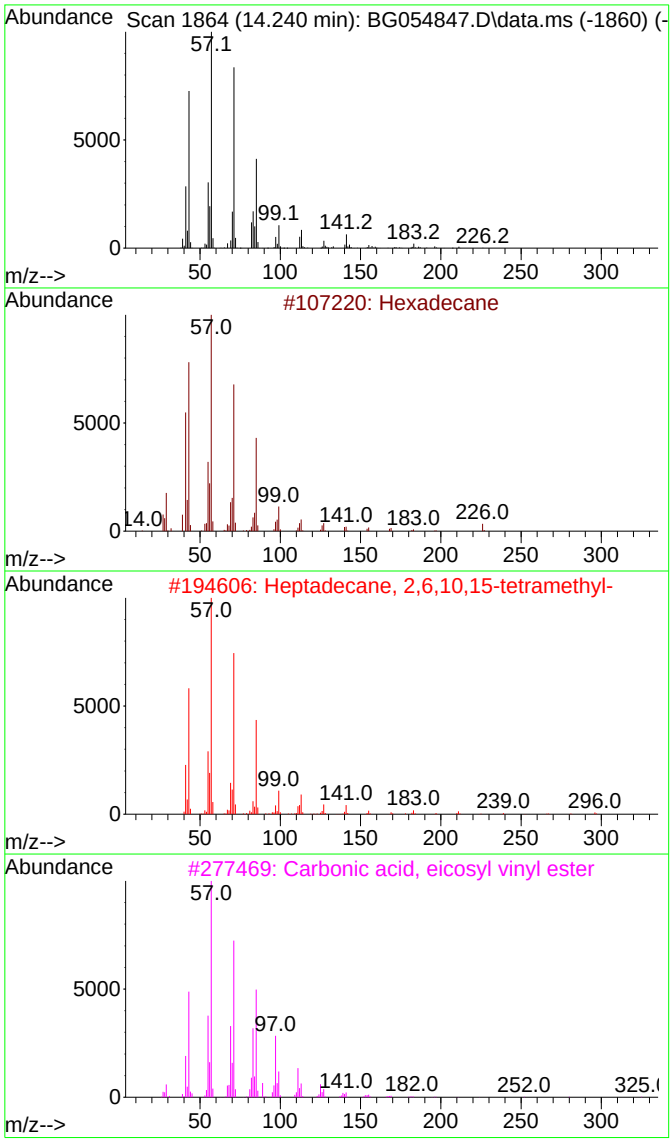
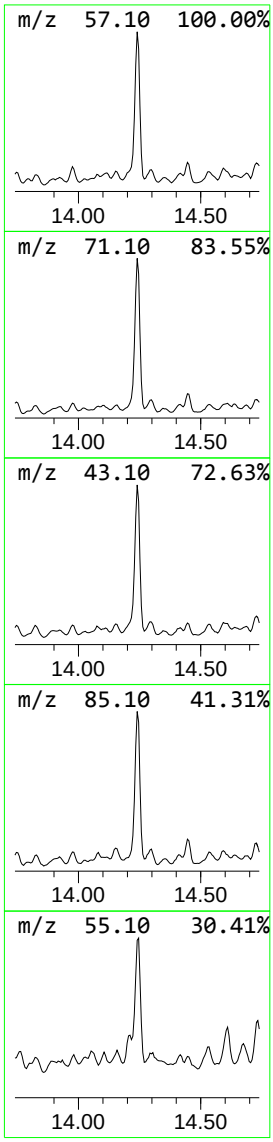
Peak Number 16 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.240	61.45 ng	1898160	Acenaphthene-d10	14.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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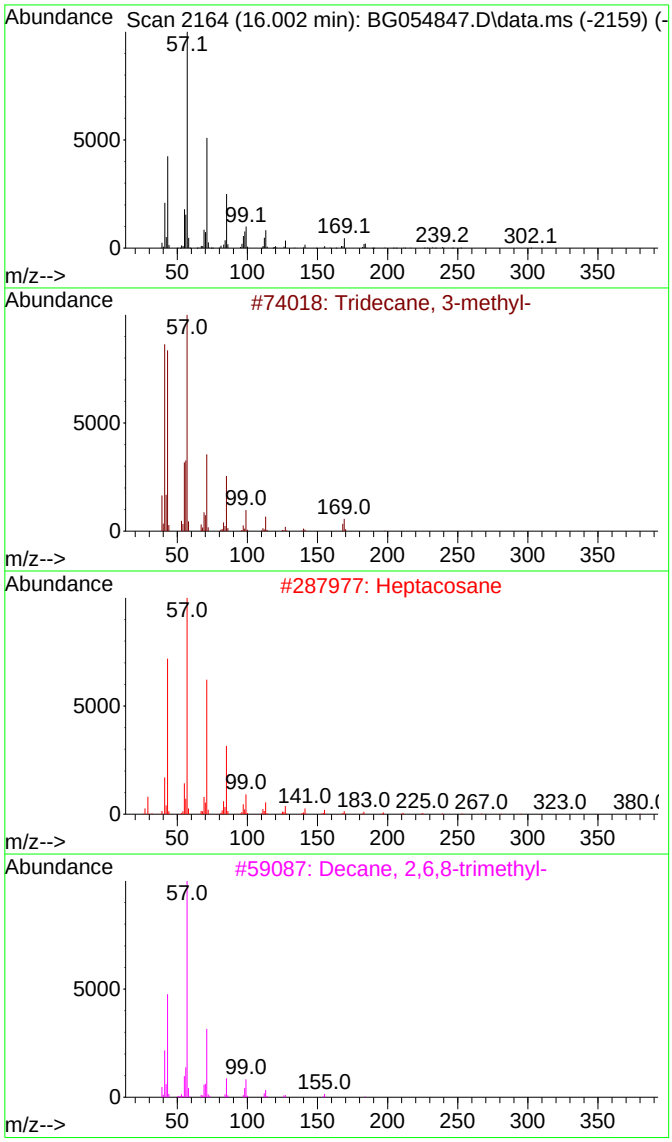
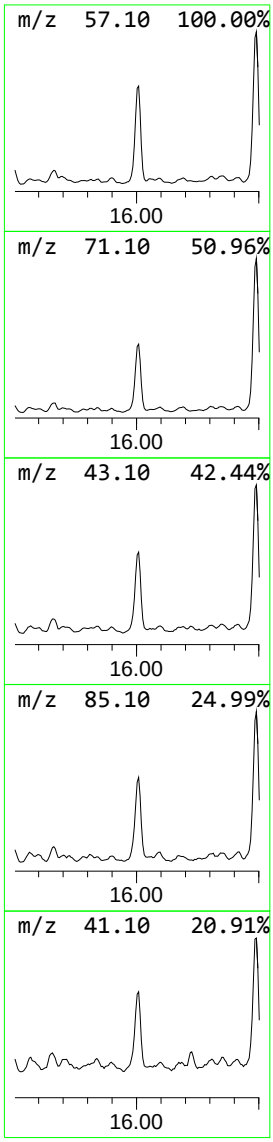
Peak Number 17 Tridecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.003	54.06 ng	1669770	Acenaphthene-d10	14.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
2	Heptacosane	380	C27H56	000593-49-7	78
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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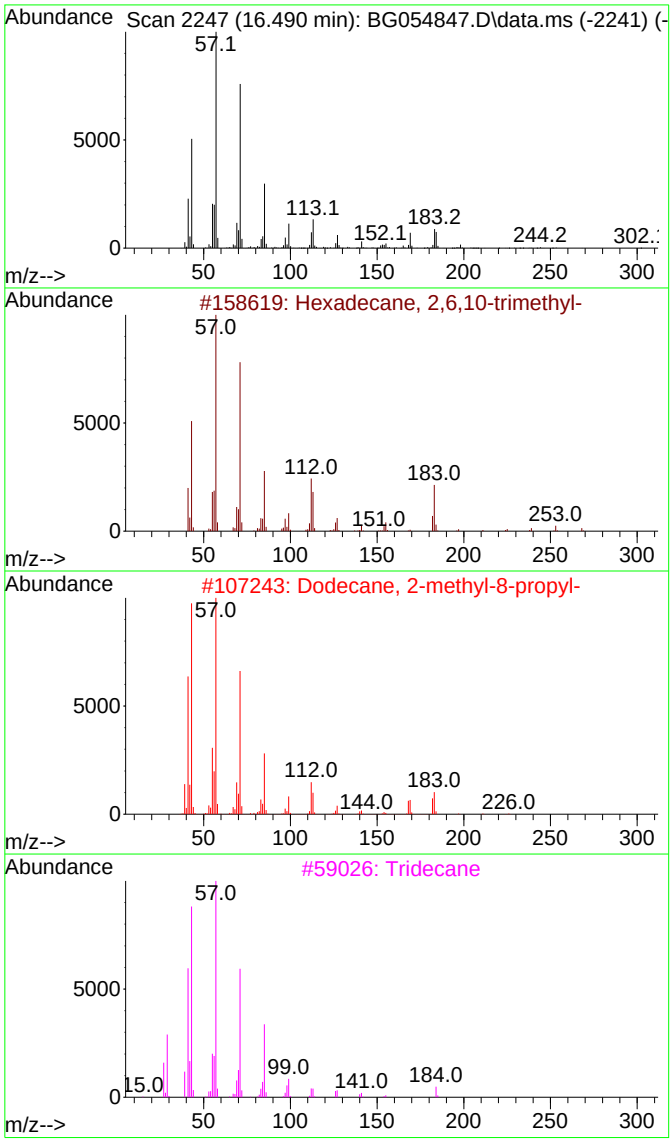
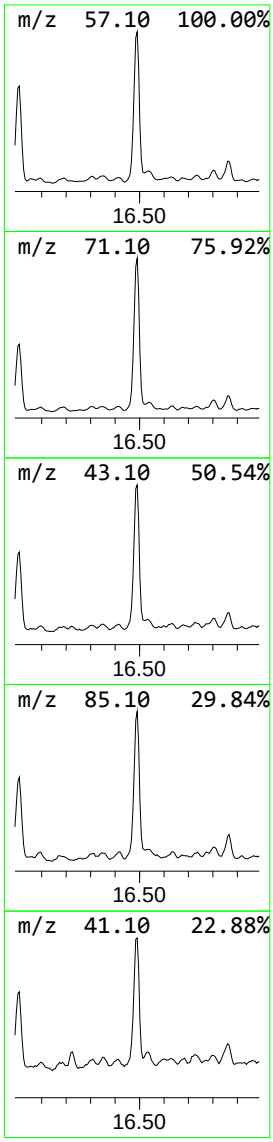
Peak Number 18 Hexadecane, 2,6,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.490	93.16 ng	2646960	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	90
2	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	81
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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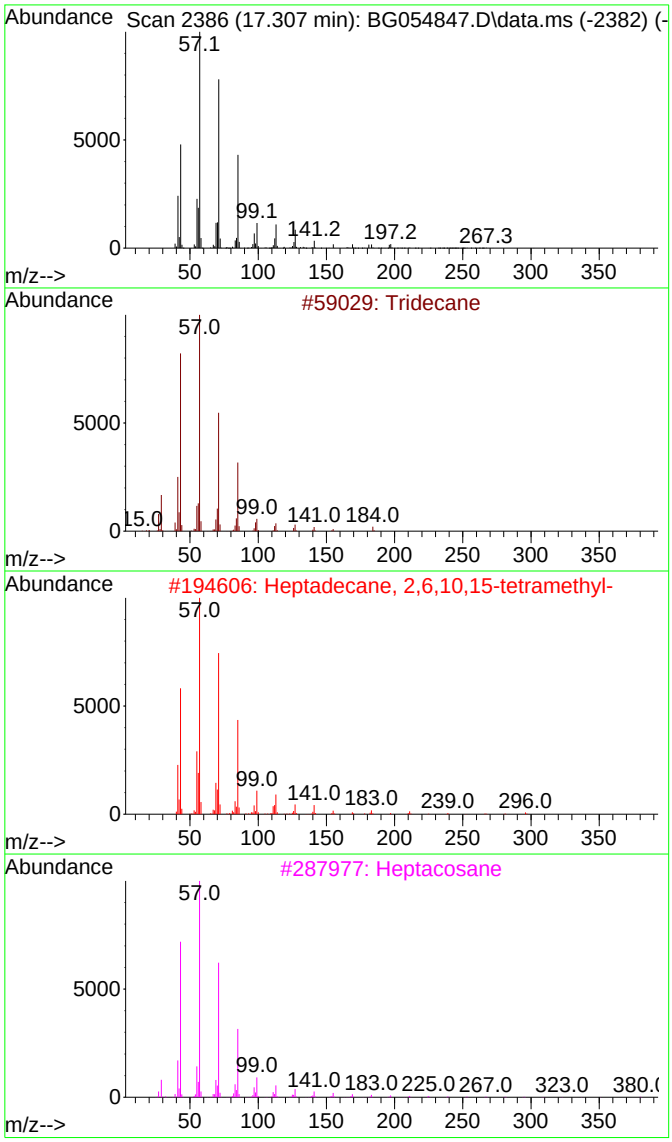
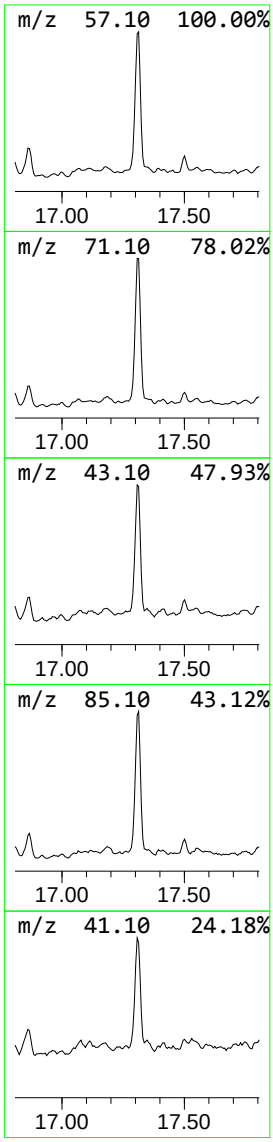
Peak Number 19 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.307	53.63 ng	1523680	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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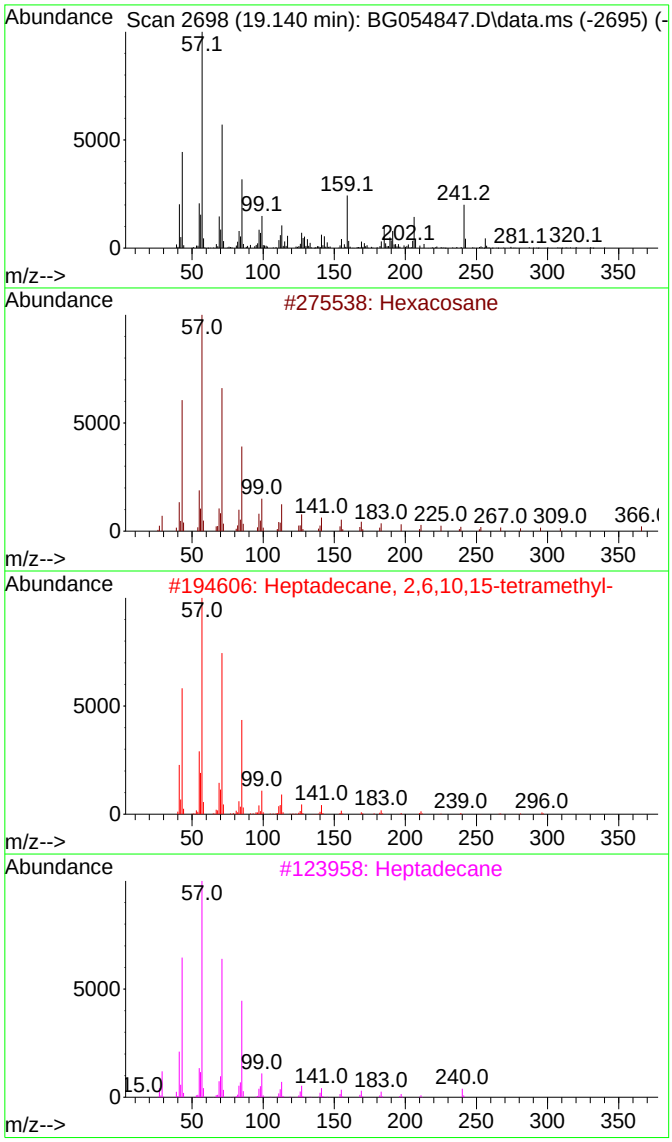
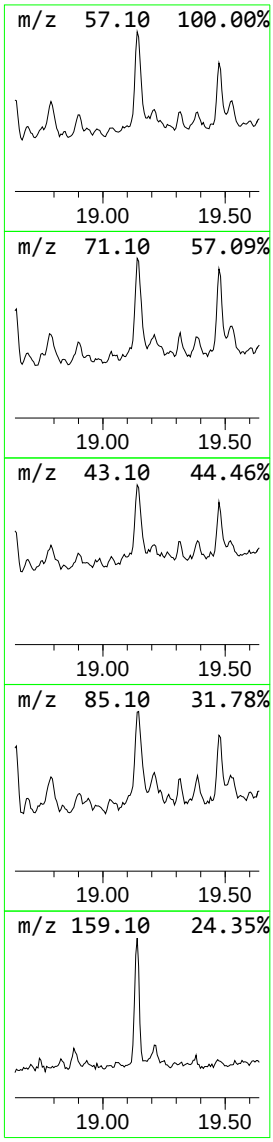
Peak Number 20 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.140	25.18 ng	715530	Phenanthrene-d10	17.536

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	60
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
3	Heptadecane	240	C17H36	000629-78-7	53
4	Tetratetracontane	619	C44H90	007098-22-8	53
5	Hentriacontane	437	C31H64	000630-04-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054847.D
Acq On : 2 Sep 2022 19:41
Operator : CG/JU
Sample : N4490-01 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-14-A-SP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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
Cyclohexane, pr...	6.766	32.5	ng	253408	1	8.153	156059	20.0
unknown8.059	8.059	26.7	ng	208522	1	8.153	156059	20.0
unknown8.317	8.317	29.2	ng	227831	1	8.153	156059	20.0
Cyclohexane, bu...	8.429	30.2	ng	235376	1	8.153	156059	20.0
5-Undecene	8.705	40.6	ng	317151	1	8.153	156059	20.0
Naphthalene, de...	8.993	34.2	ng	266655	1	8.153	156059	20.0
o-Cymene	9.257	104.5	ng	815140	1	8.153	156059	20.0
unknown9.504	9.504	73.1	ng	570378	1	8.153	156059	20.0
Benzene, 1-meth...	9.786	24.1	ng	422433	2	10.979	350975	20.0
Undecane, 2,6-d...	11.108	54.5	ng	955821	2	10.979	350975	20.0
Benzene, 1-ethy...	11.179	23.7	ng	415305	2	10.979	350975	20.0
Cyclohexane, he...	11.661	28.1	ng	492996	2	10.979	350975	20.0
Octane, 3,6-dim...	11.966	70.5	ng	1237790	2	10.979	350975	20.0
Dodecane, 2,7,1...	13.306	51.6	ng	1593580	3	14.786	617750	20.0
Naphthalene, 1,...	13.970	26.4	ng	813984	3	14.786	617750	20.0
Hexadecane	14.240	61.5	ng	1898160	3	14.786	617750	20.0
Tridecane, 3-me...	16.003	54.1	ng	1669770	3	14.786	617750	20.0
Hexadecane, 2,6...	16.490	93.2	ng	2646960	4	17.536	568270	20.0
Tridecane	17.307	53.6	ng	1523680	4	17.536	568270	20.0
Hexacosane	19.140	25.2	ng	715530	4	17.536	568270	20.0