LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.386	333	340	352	rVV	627886	1154168	16.73%	4.057%
2	5.645	377	384	391	rBV2	169184	313719	4.55%	1.103%
3	5.950	430	436	444	rBV4	29586	75371	1.09%	0.265%
4	6.350	496	504	517	rBV6	61391	198645	2.88%	0.698%
5	6.561	534	540	548	rBV6	49262	142404	2.06%	0.501%
6	6.632	548	552	557	rVV	57649	99622	1.44%	0.350%
7	6.720	557	567	568	rVV4	58071	138779	2.01%	0.488%
8	6.744	568	571	581	rVV2	74421	155174	2.25%	0.546%
9	7.061	616	625	631	rBV4	44984	118483	1.72%	0.417%
10	7.231	647	654	669	rVB3	274352	618596	8.97%	2.175%
11	7.407	679	684	689	rVB6	34507	72149	1.05%	0.254%
12	7.466	689	694	698	rBV4	49602	88499	1.28%	0.311%
13	7.578	708	713	720	rVB8	35755	76622	1.11%	0.269%
14	7.648	720	725	735	rVB6	44595	133477	1.94%	0.469%
15	7.901	761	768	775	rVB7	39065	102919	1.49%	0.362%
16	8.007	776	786	790	rBV8	75890	243572	3.53%	0.856%
17	8.065	790	796	802	rVB2	114291	281480	4.08%	0.990%
18	8.154	808	811	816	rVB3	51703	80746	1.17%	0.284%
19	8.224	816	823	825	rBV6	35181	82763	1.20%	0.291%
20	8.265	825	830	835	rVB3	108785	194040	2.81%	0.682%
21	8.336	835	842	845	rBV	50652	111072	1.61%	0.390%
22	8.436	854	859	866	rVB2	106198	214311	3.11%	0.753%
23	8.641	891	894	903	rVB4	100416	205736	2.98%	0.723%
24	8.917	937	941	946	rBV3	67012	143377	2.08%	0.504%
25	9.188	976	987	992	rBV3	291065	720031	10.44%	2.531%
26	9.235	992	995	999	rVB	69851	116079	1.68%	0.408%
27	9.346	1011	1014	1019	rVB4	59409	100328	1.45%	0.353%
28	9.434	1019	1029	1037	rBV9	134754	482798	7.00%	1.697%
29	9.517	1038	1043	1044	rBV3	50765	73526	1.07%	0.258%
30	9.716	1072	1077	1083	rBV3	128153	230704	3.34%	0.811%
31	9.810	1089	1093	1098	rVB4	95410	143180	2.08%	0.503%
32	9.969	1111	1120	1124	rBV5	109358	269649	3.91%	0.948%
33	10.075	1131	1138	1145	rBV5	263822	573902	8.32%	2.018%
34	10.286	1169	1174	1180	rBV3	132696	270291	3.92%	0.950%
35	10.474	1201	1206	1212	rBV6	92690	234083	3.39%	0.823%
36	10.592	1221	1226	1229	rBV	121438	235632	3.42%	0.828%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.674	1237	1240	1245	rVB5	45218	69508	1.01%	0.244%
38	10.886	1267	1276	1279	rBV5	193855	526423	7.63%	1.851%
39	10.956	1279	1288	1294	rVB	3018746	6897196	100.00%	24.247%
40	11.050	1299	1304	1309	rVB	268785	454297	6.59%	1.597%
41	11.109	1309	1314	1321	rBV4	131268	279456	4.05%	0.982%
42	11.385	1357	1361	1367	rVB2	199401	353470	5.12%	1.243%
43	11.585	1386	1395	1403	rVB2	165251	527472	7.65%	1.854%
44	11.661	1403	1408	1413	rBV7	82779	166989	2.42%	0.587%
45	11.720	1415	1418	1425	rBV7	80610	158555	2.30%	0.557%
46	11.914	1446	1451	1454	rBV	404147	661932	9.60%	2.327%
47	12.078	1475	1479	1486	rVB5	147396	278684	4.04%	0.980%
48	12.178	1491	1496	1499	rVV2	168850	267225	3.87%	0.939%
49	12.519	1548	1554	1562	rVB5	203311	594313	8.62%	2.089%
50	12.619	1568	1571	1577	rBV7	81242	178700	2.59%	0.628%
51	13.248	1673	1678	1684	rVB	600191	929612	13.48%	3.268%
52	13.324	1687	1691	1698	rVB	325757	550128	7.98%	1.934%
53	14.135	1826	1829	1833	rBV2	169987	259021	3.76%	0.911%
54	14.188	1834	1838	1842	rVB	611256	864218	12.53%	3.038%
55	14.546	1895	1899	1904	rVB2	287523	457395	6.63%	1.608%
56	14.681	1917	1922	1923	rBV2	230482	359699	5.22%	1.264%
57	15.222	2011	2014	2025	rVB7	231788	447969	6.49%	1.575%
58	15.328	2028	2032	2036	rBV3	166142	276245	4.01%	0.971%
59	15.956	2135	2139	2145	rVB2	419329	691690	10.03%	2.432%
60	16.432	2215	2220	2225	rVB	727750	1132183	16.42%	3.980%
61	17.255	2356	2360	2371	rVB	547011	943164	13.67%	3.316%
62	17.449	2389	2393	2399	rBV	347436	592010	8.58%	2.081%
63	20.057	2834	2837	2842	rVB	502071	628957	9.12%	2.211%
64	20.862	2971	2974	2978	rVB	342334	403571	5.85%	1.419%

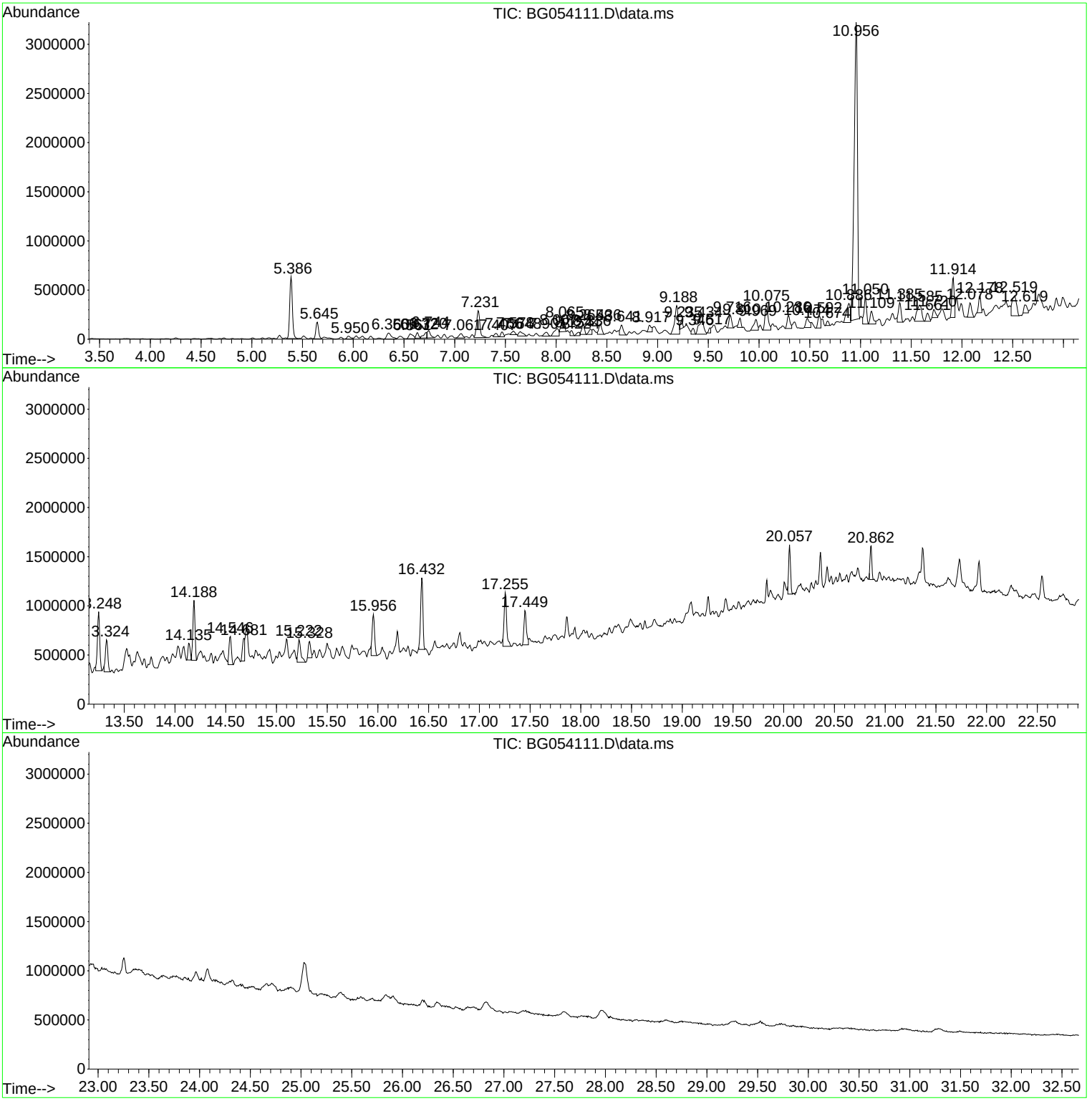
Sum of corrected areas: 28446009

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

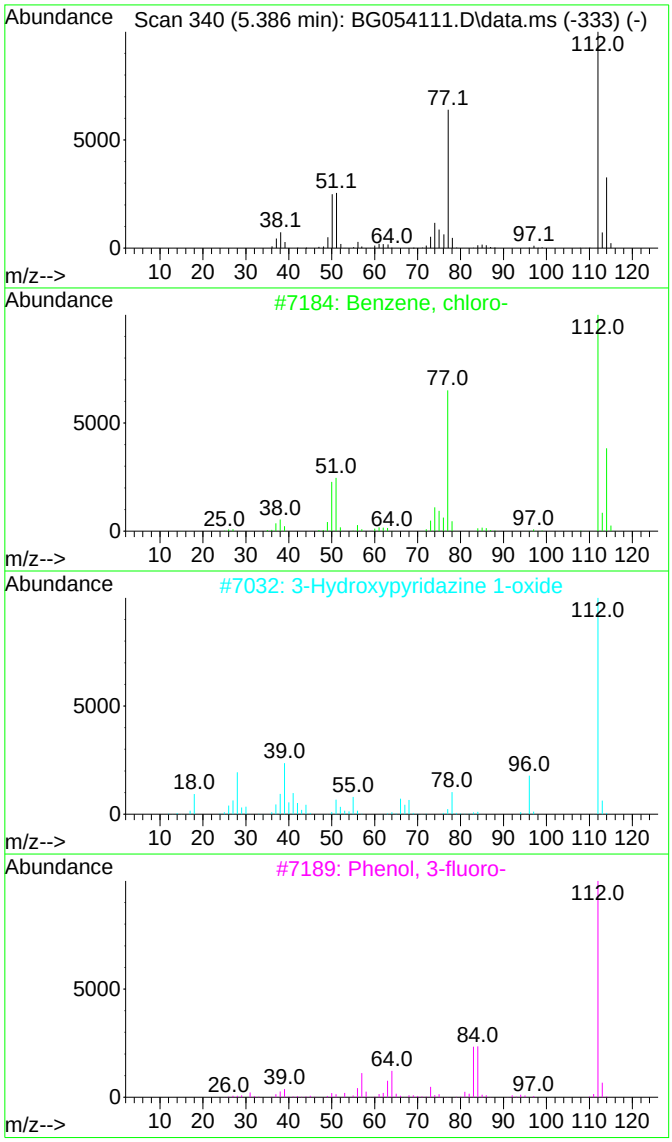
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

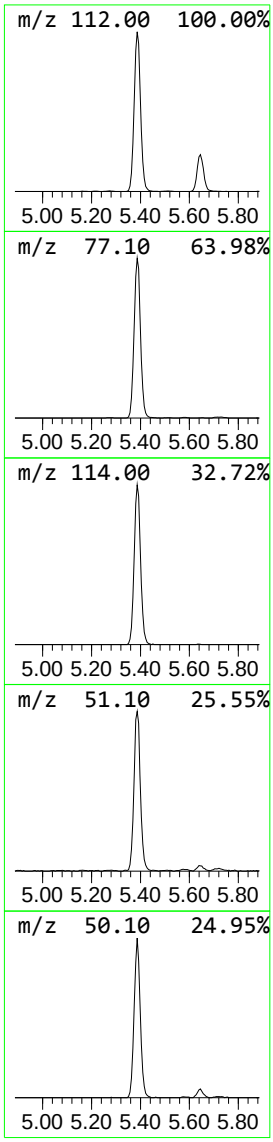
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.386	82.01 ng	1154170	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
3	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	16
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

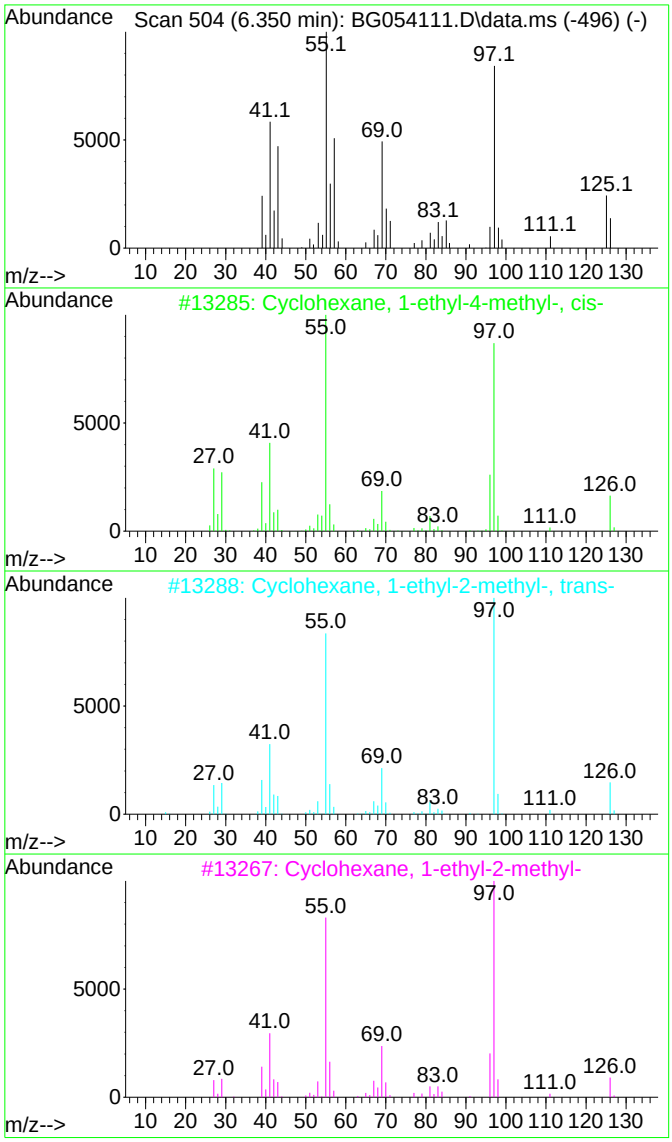
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

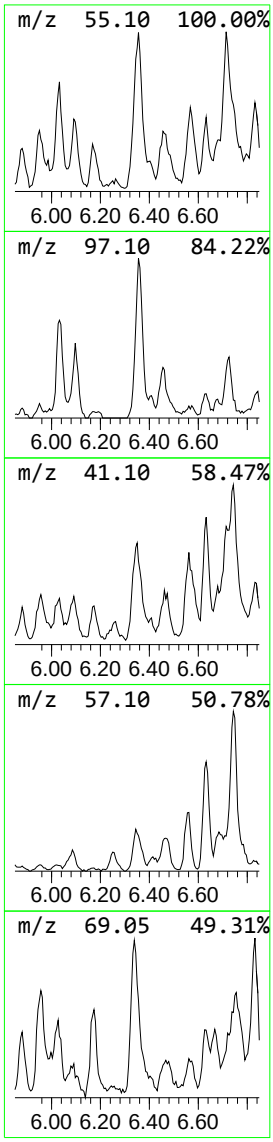
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.350	14.11 ng	198645	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	53
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

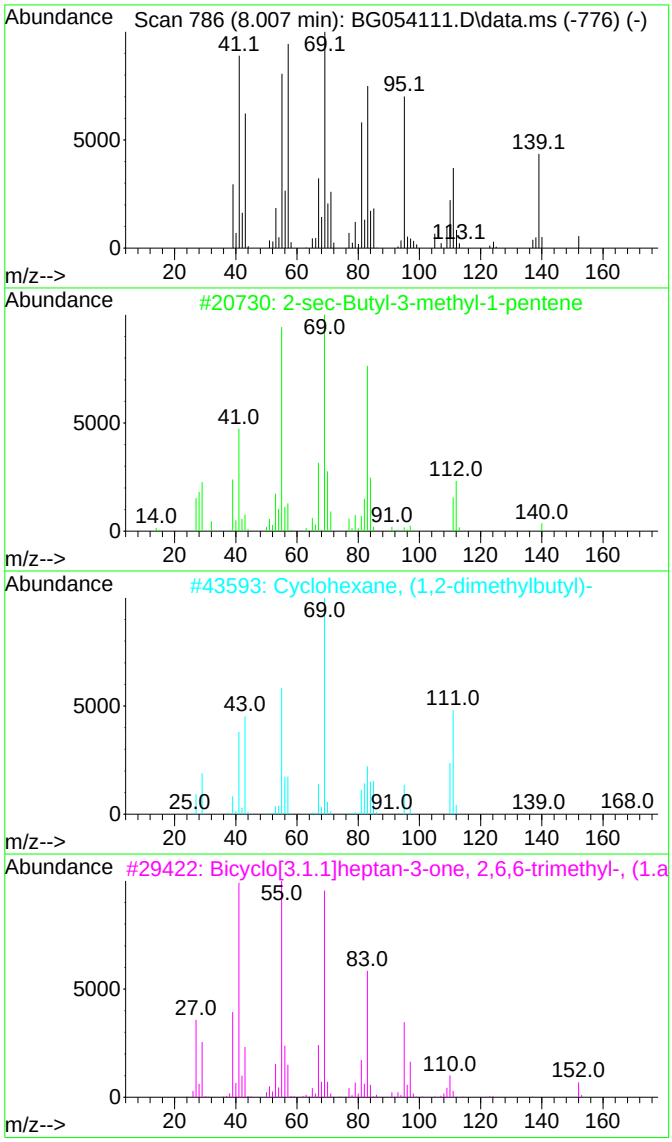
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

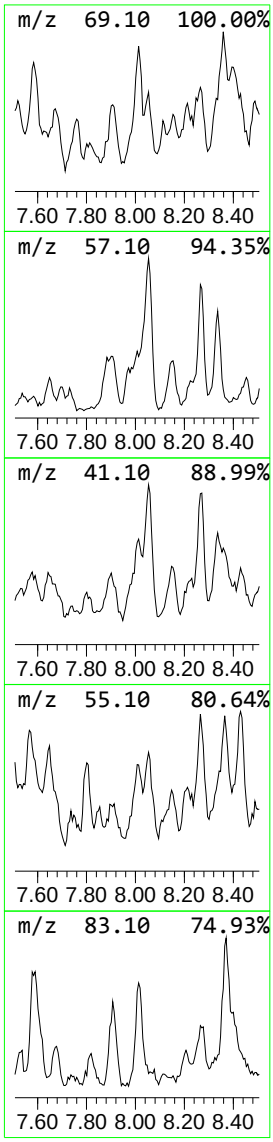
****

Peak Number 3 unknown8.007 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.007	17.31 ng	243572	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-sec-Butyl-3-methyl-1-pentene	140	C10H20	075144-24-0	49
2	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	38
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
4	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	27
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

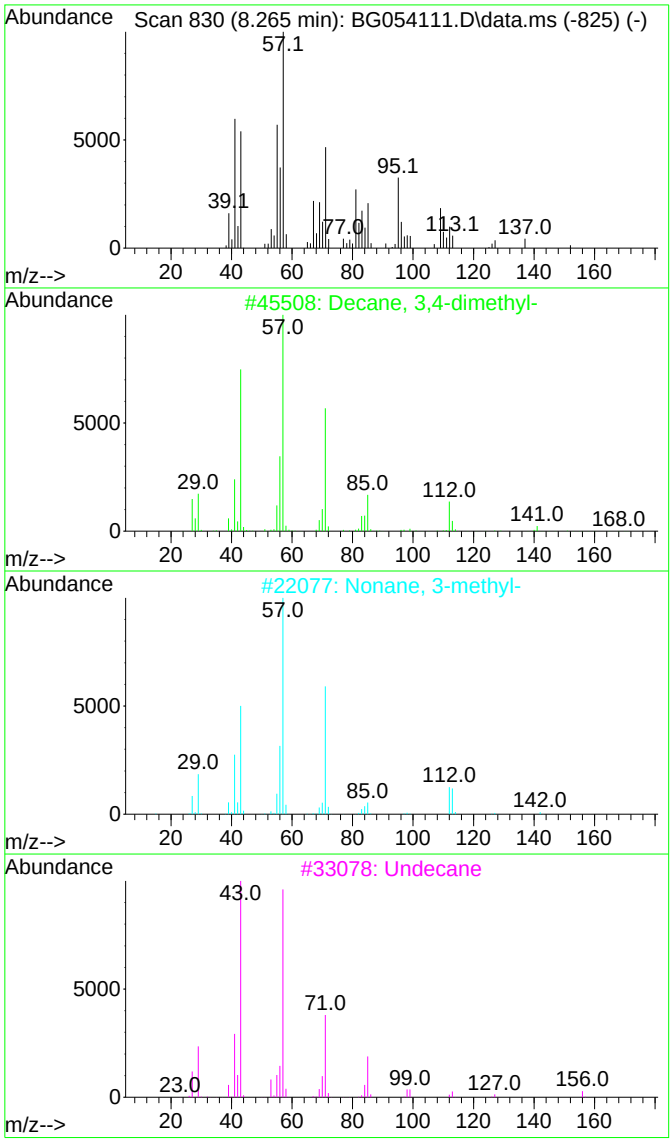
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

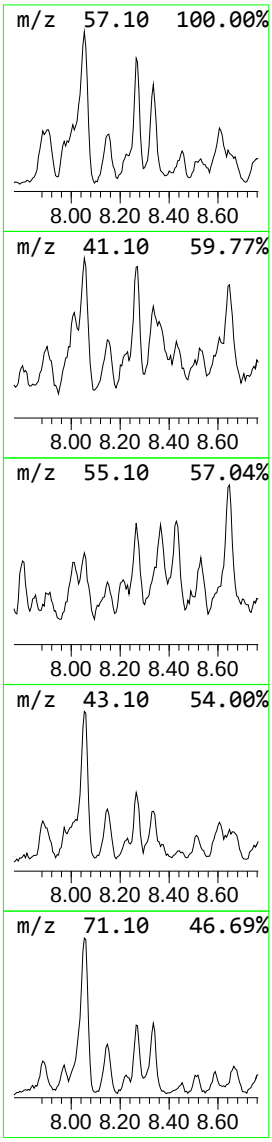
****

Peak Number 4 unknown8.265 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.265	13.79 ng	194040	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	47
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	43
3	Undecane	156	C11H24	001120-21-4	43
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	43
5	Oxirane, 2-ethyl-2-methyl-	86	C5H10O	030095-63-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

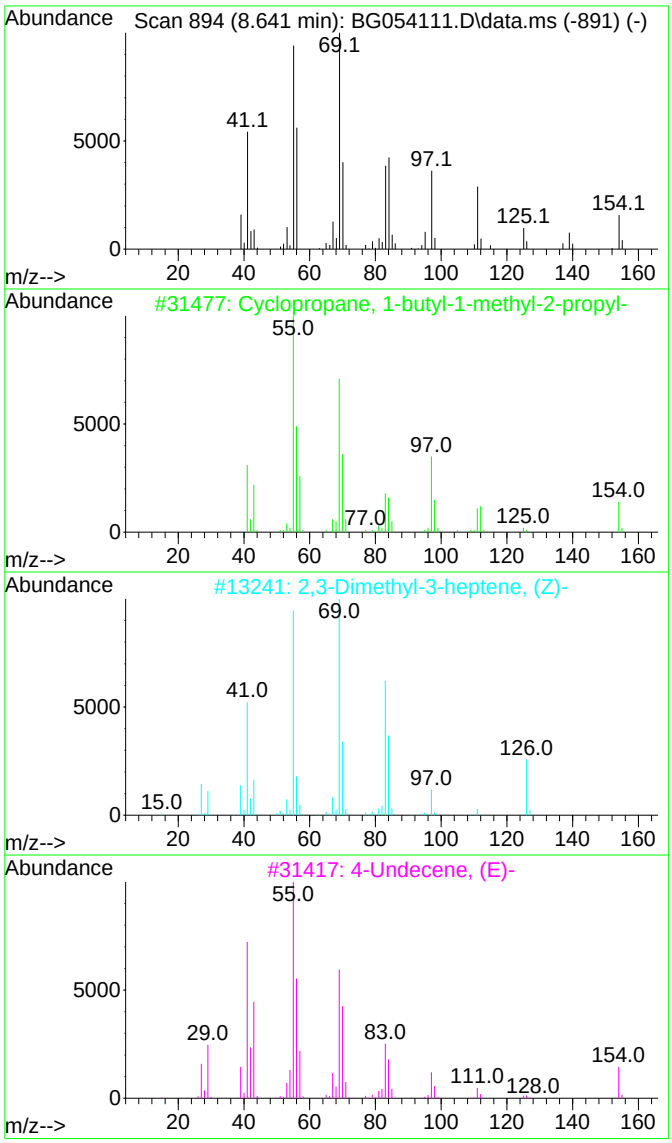
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

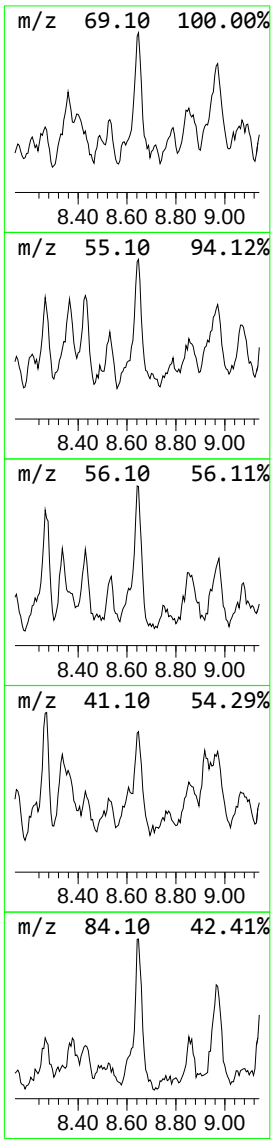
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopropane, 1-butyl-1-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.641	14.62 ng	205736	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	64
2	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	49
3	4-Undecene, (E)-	154	C11H22	000693-62-9	43
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
5	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

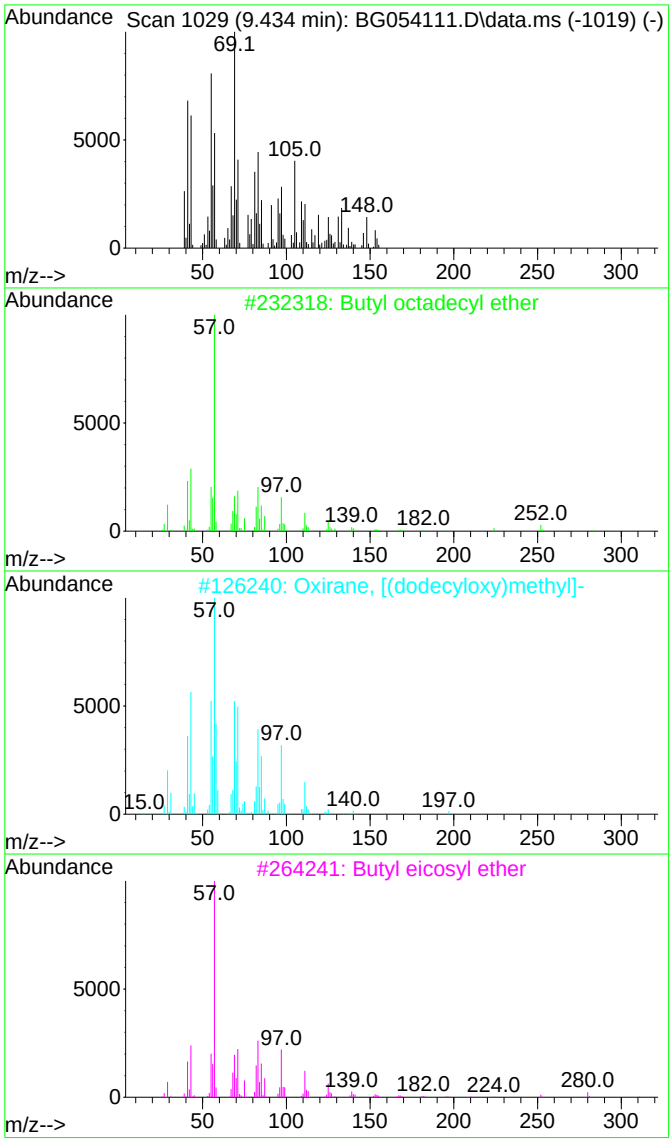
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

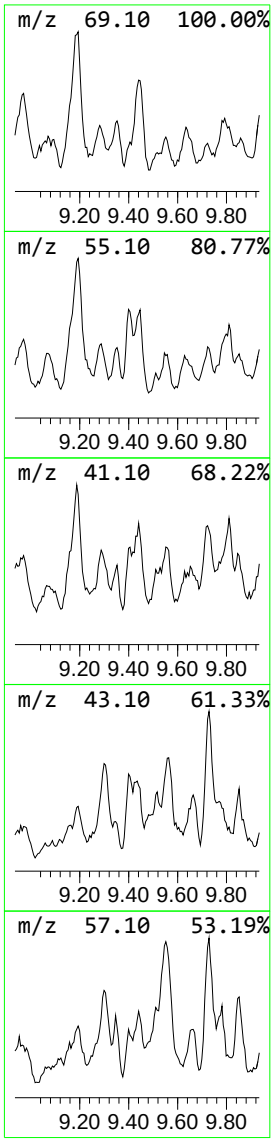
****

Peak Number 6 unknown9.434 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	34.30 ng	482798	1,4-Dichlorobenzene-d4	8.077

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl octadecyl ether	326	C22H46O	1000406-40-6	43
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	38
3	Butyl eicosyl ether	354	C24H50O	1000406-40-7	38
4	trans-3,5-Dimethylcyclohexanone	126	C8H14O	007214-49-5	27
5	1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

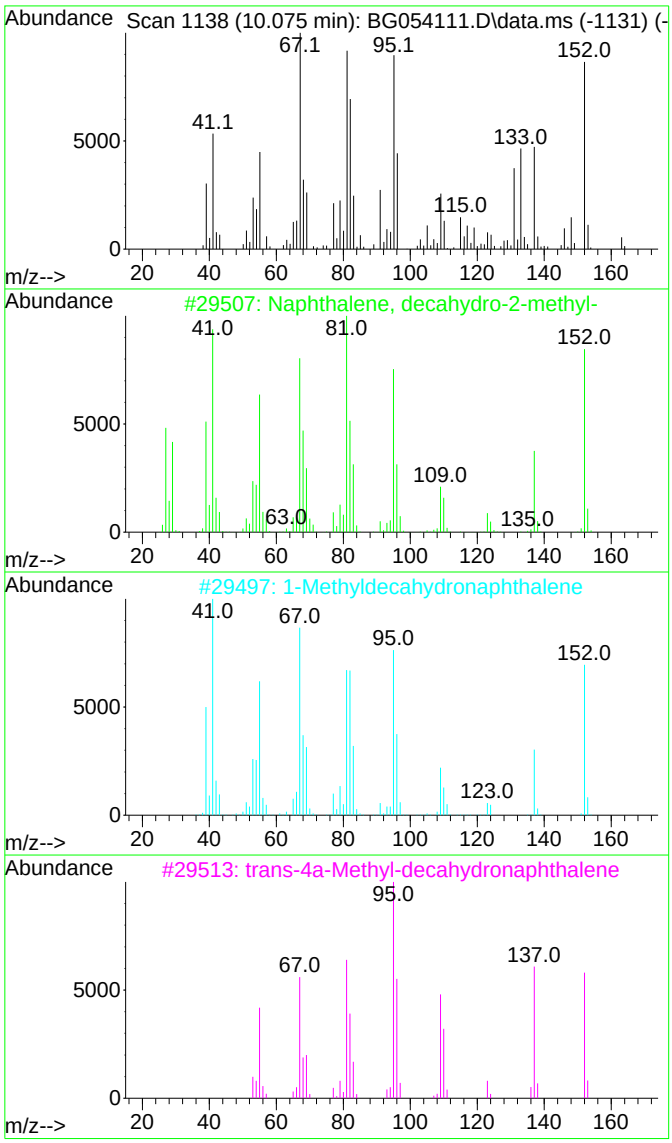
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

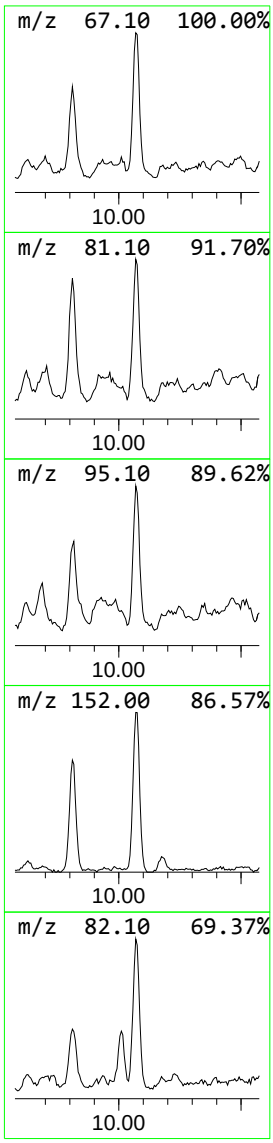
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	21.80 ng	573902	Naphthalene-d8	10.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	78
3	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
4	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	70
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68





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Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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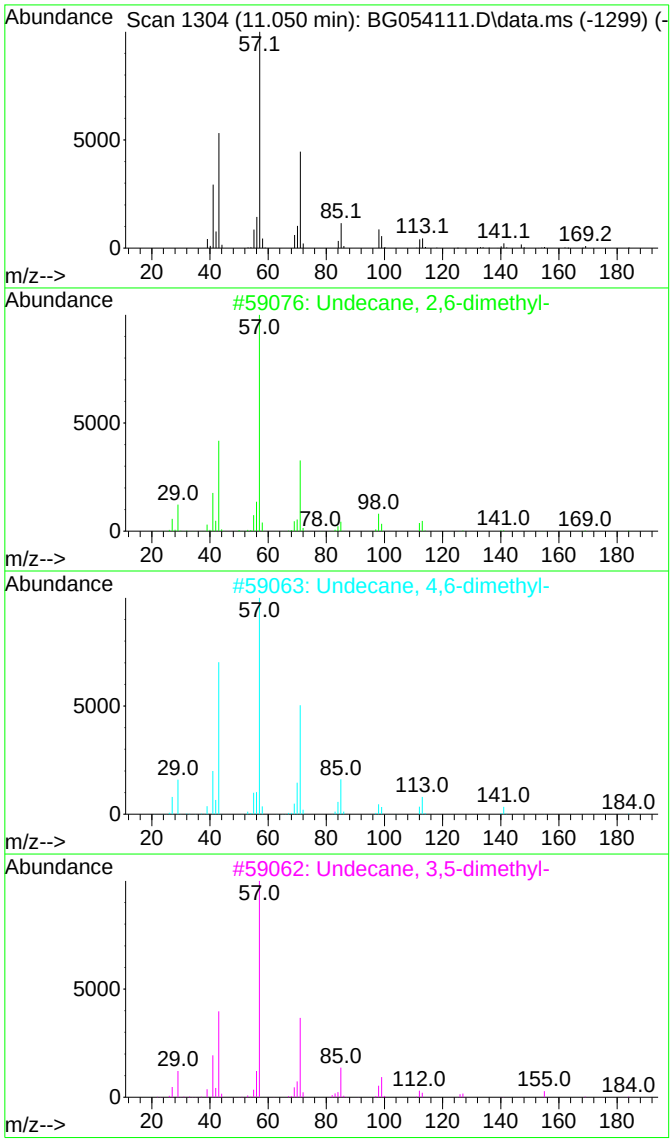
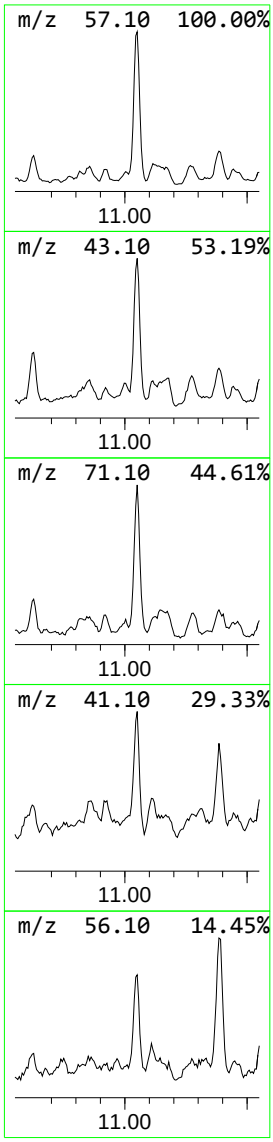
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.050	17.26 ng	454297	Naphthalene-d8	10.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	91
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72





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Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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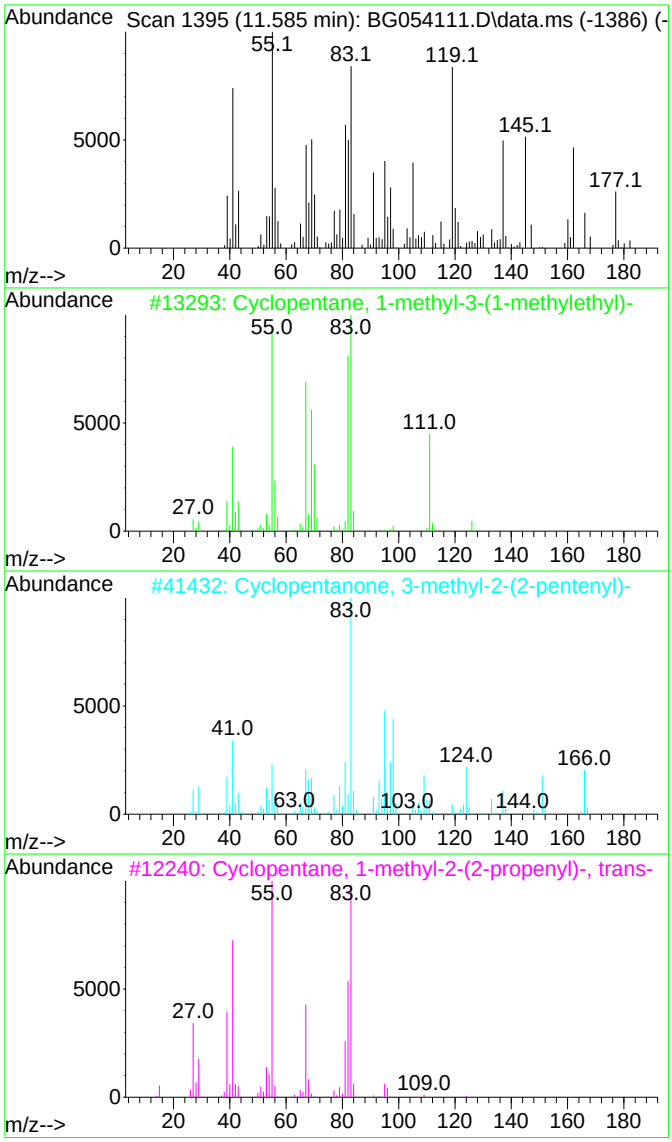
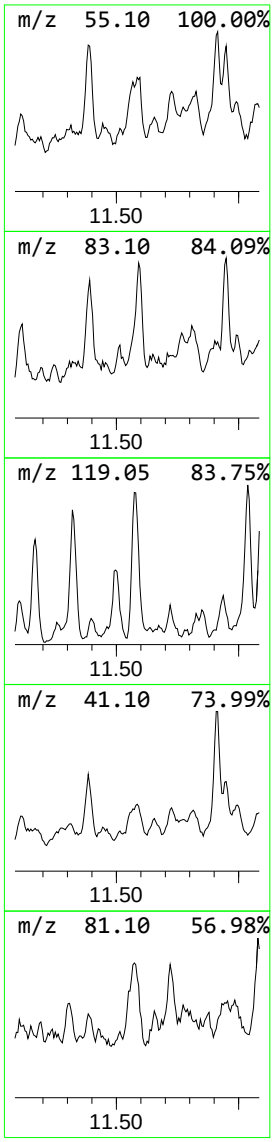
Peak Number 9 unknown11.585 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.585	20.04 ng	527472	Naphthalene-d8	10.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	25
2	Cyclopentanone, 3-methyl-2-(2-pe...	166	C11H18O	007051-39-0	25
3	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	22
4	acetic acid, 2,2,2-trifluoro-, [...	278	C14H21F3O2	1000397-13-2	22
5	R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	18





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Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

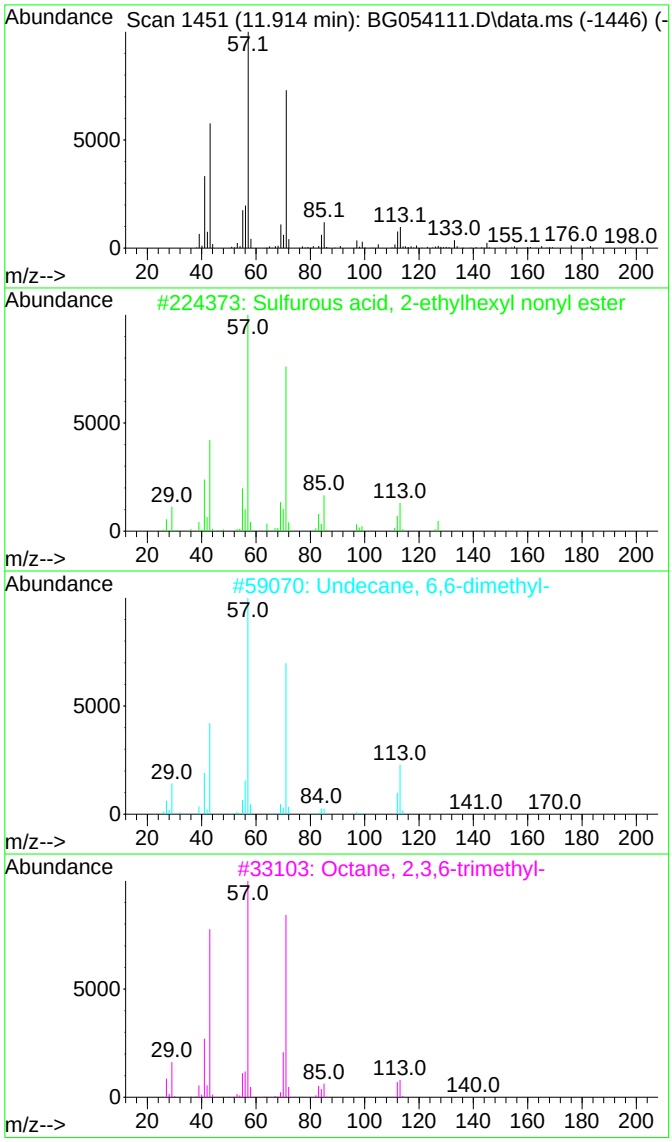
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

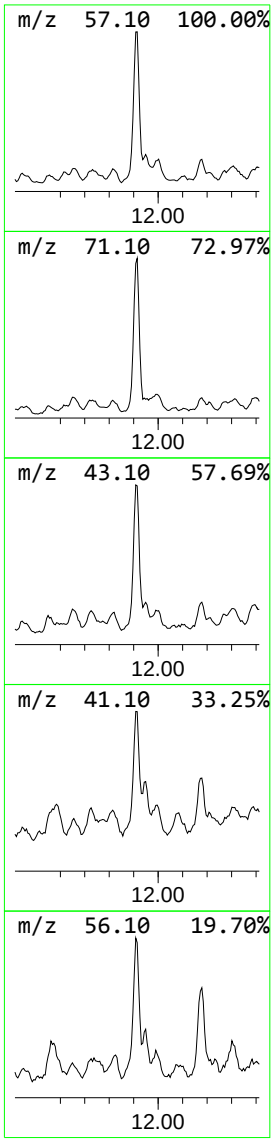
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Sulfurous acid, 2-ethylhexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.914	25.15 ng	661932	Naphthalene-d8	10.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	59
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59





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Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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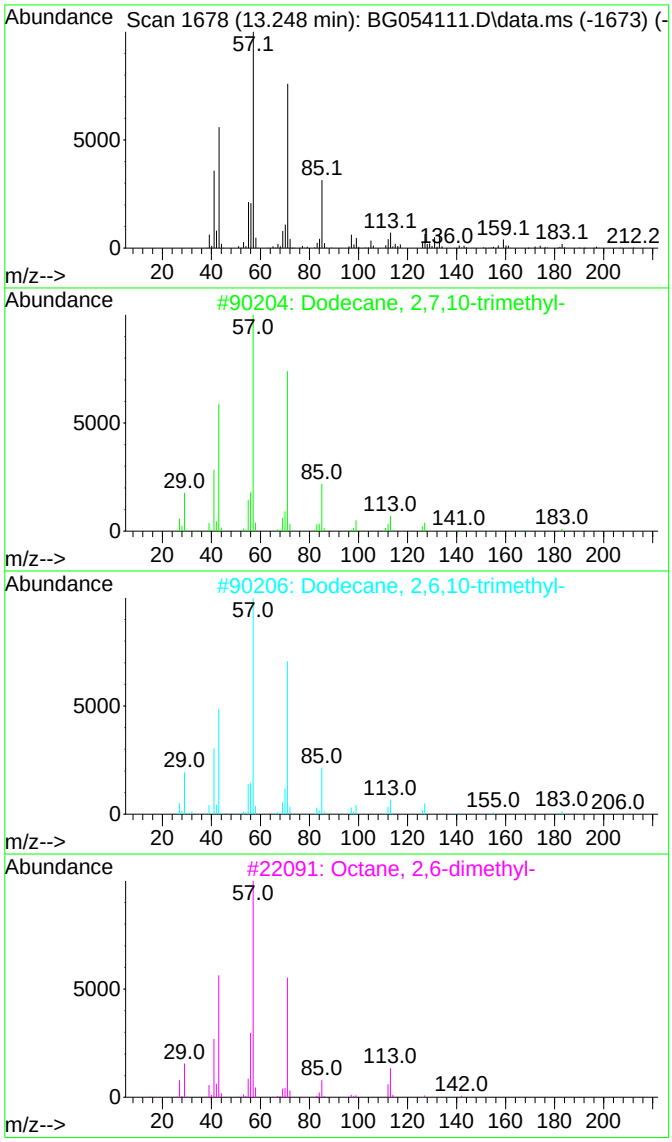
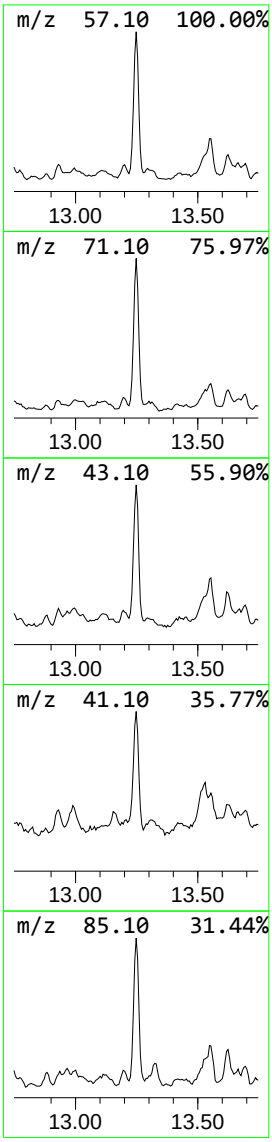
Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.248	51.69 ng	929612	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62





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Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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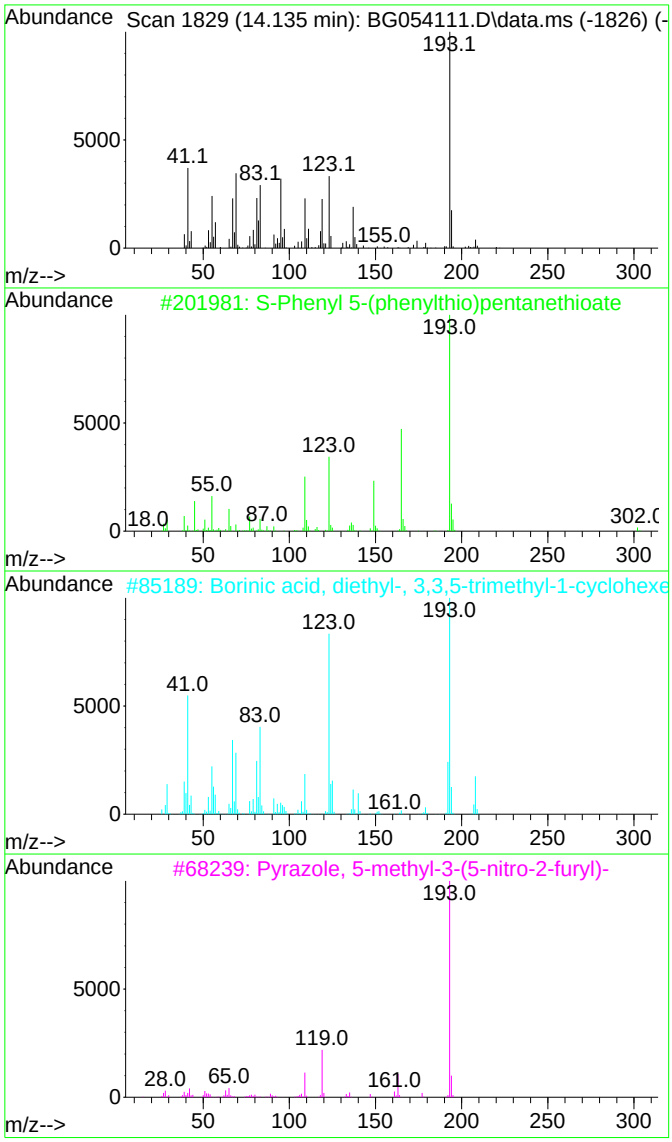
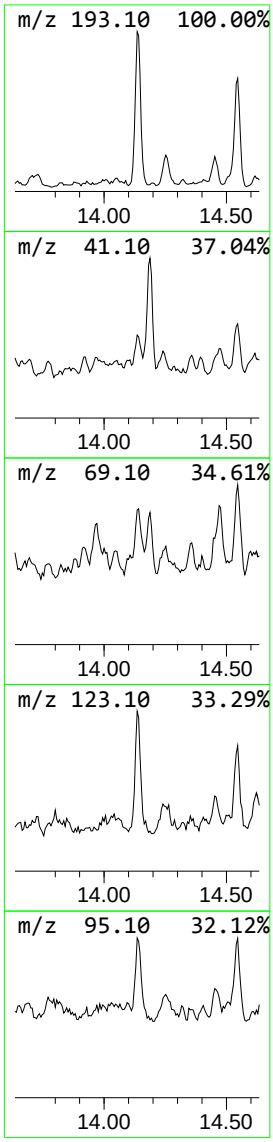
Peak Number 12 unknown14.135 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	14.40 ng	259021	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	S-Phenyl 5-(phenylthio)pentaneth...	302	C17H18OS2	1000234-40-7	37
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	36
3	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	35
4	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	35
5	Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	35





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Sample : N3494-16 2X
Misc :
ALS Vial : 18 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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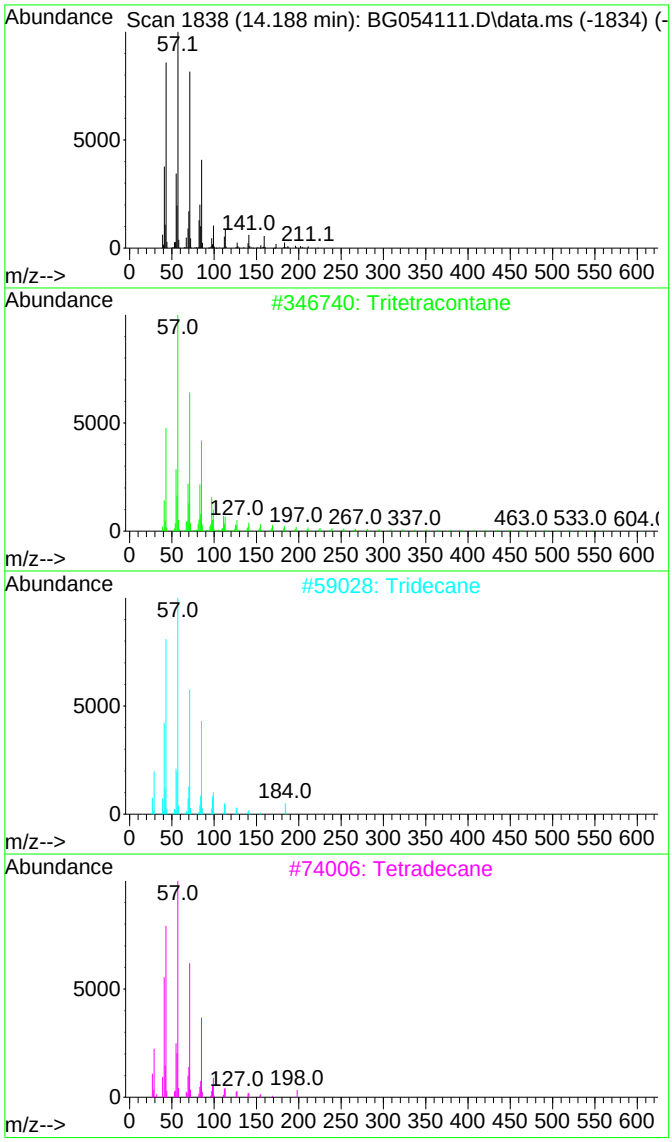
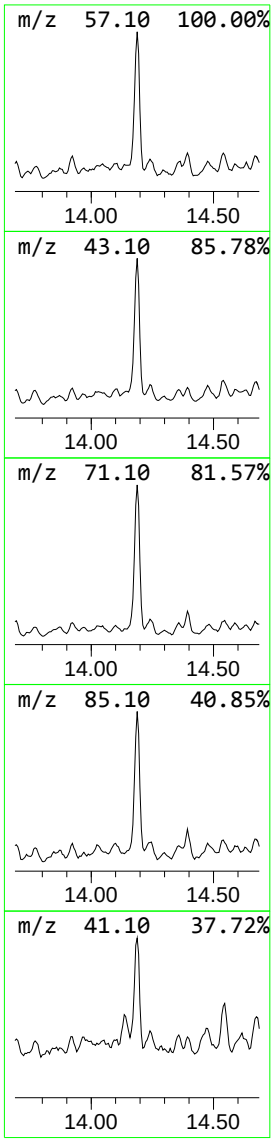
Peak Number 13 Tritetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.188	48.05 ng	864218	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Tetradecane	198	C14H30	000629-59-4	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
5	Heptadecane	240	C17H36	000629-78-7	80





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Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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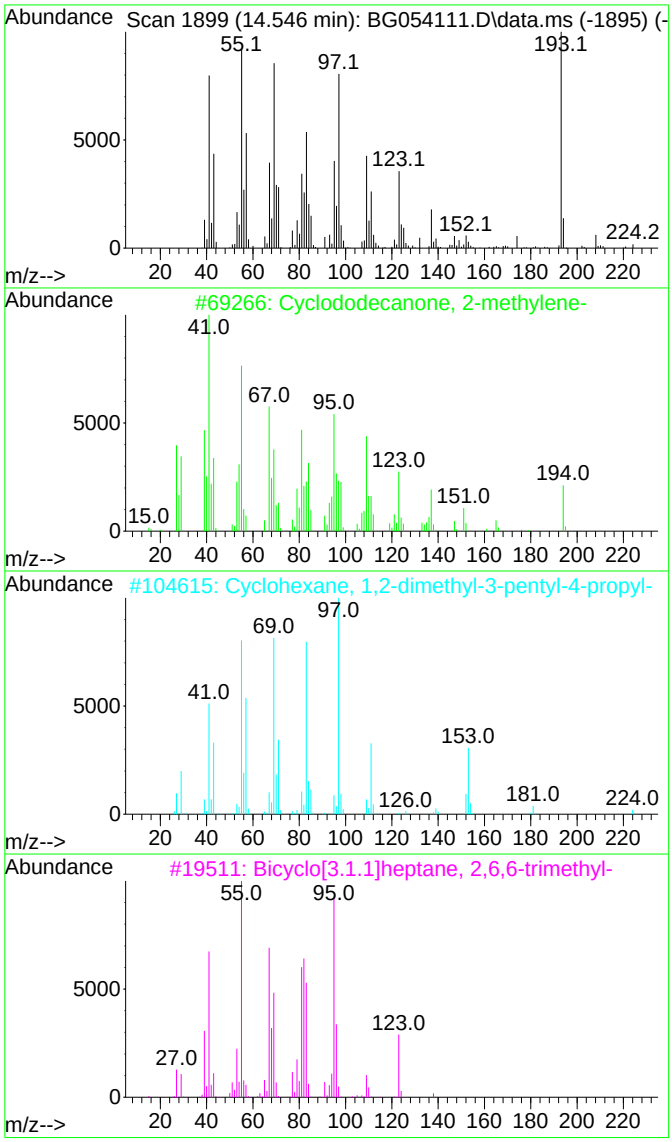
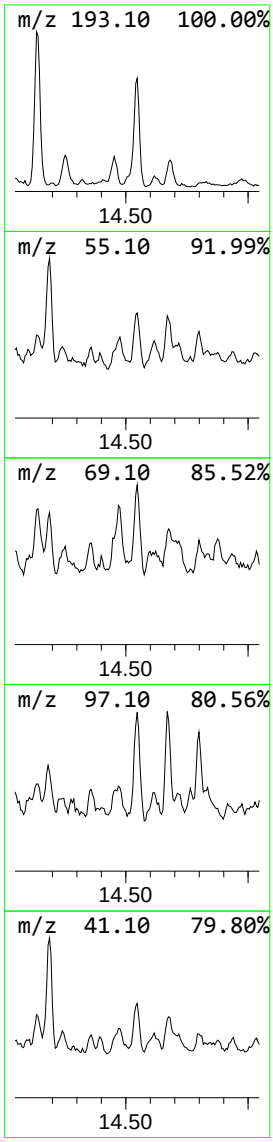
Peak Number 14 Cyclododecanone, 2-methylene- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.546	25.43 ng	457395	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	50
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	35
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	25
4	Cyclopentadecane	210	C15H30	000295-48-7	25
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25





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Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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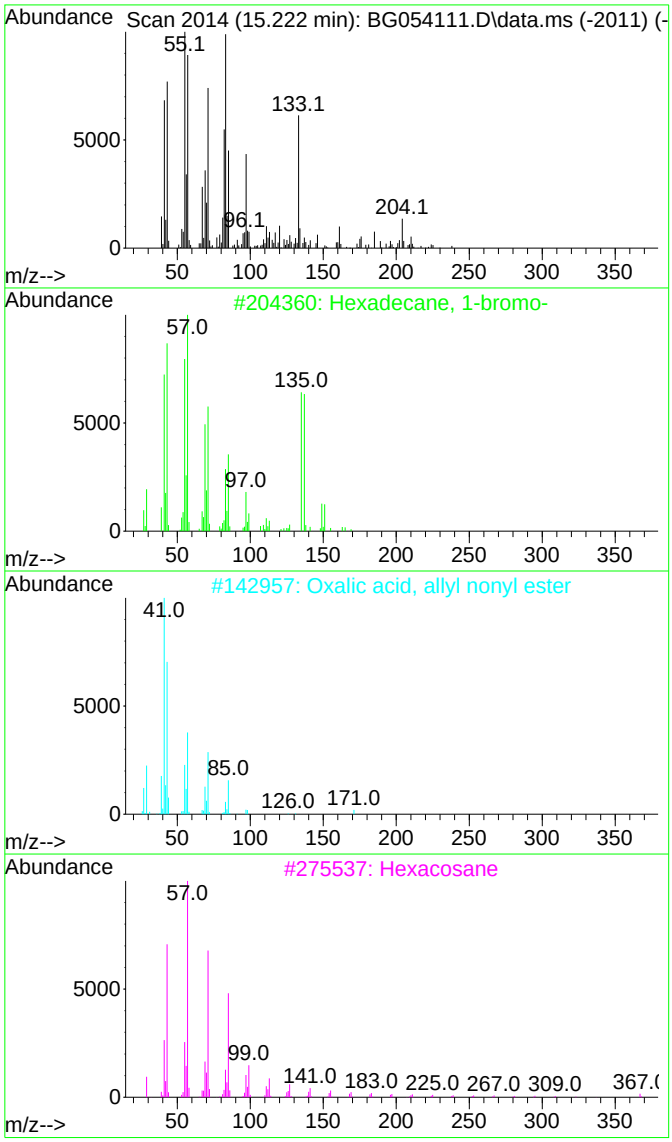
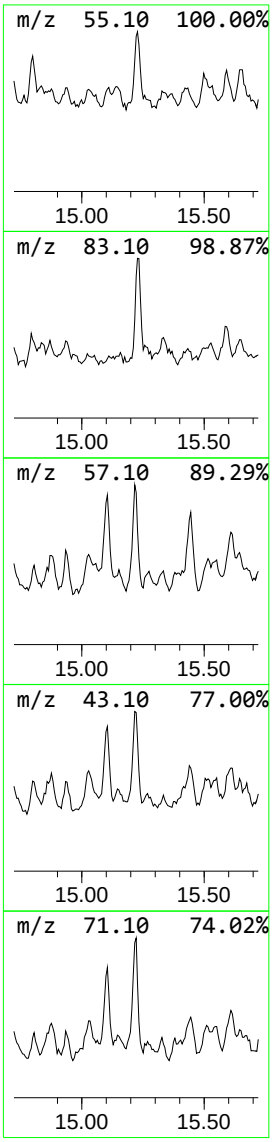
Peak Number 15 unknown15.222 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.222	24.91 ng	447969	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	30
2	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	25
3	Hexacosane	366	C26H54	000630-01-3	22
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	22





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Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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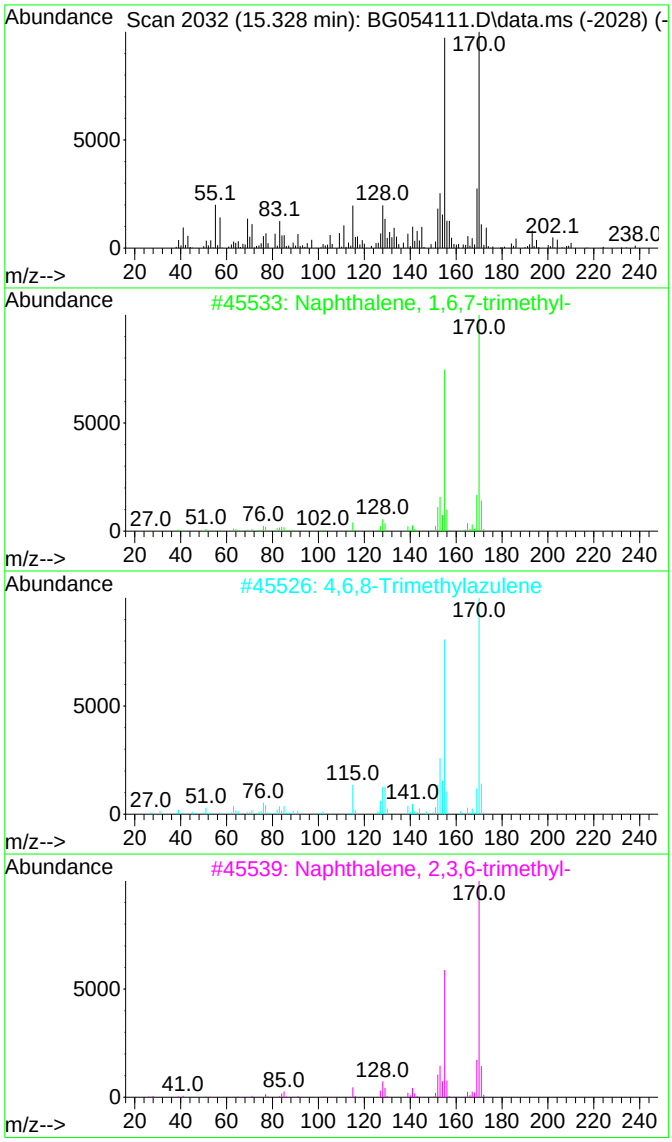
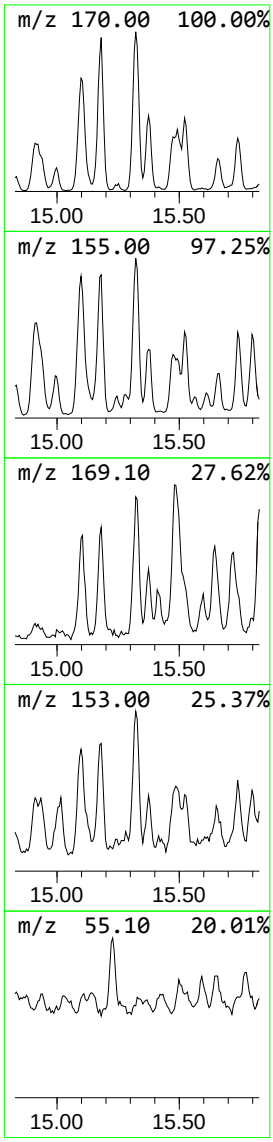
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.328	15.36 ng	276245	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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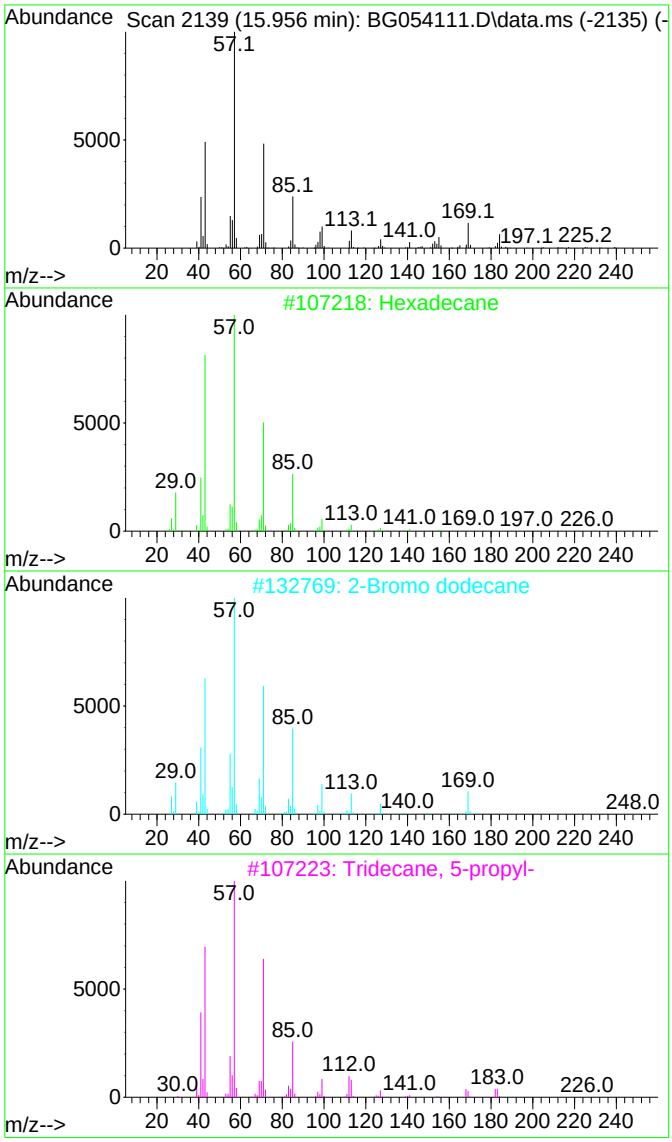
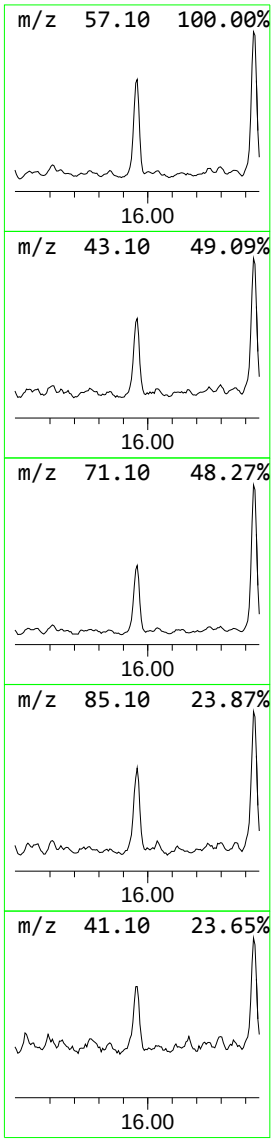
Peak Number 17 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.956	38.46 ng	691690	Acenaphthene-d10	14.705

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	68
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





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Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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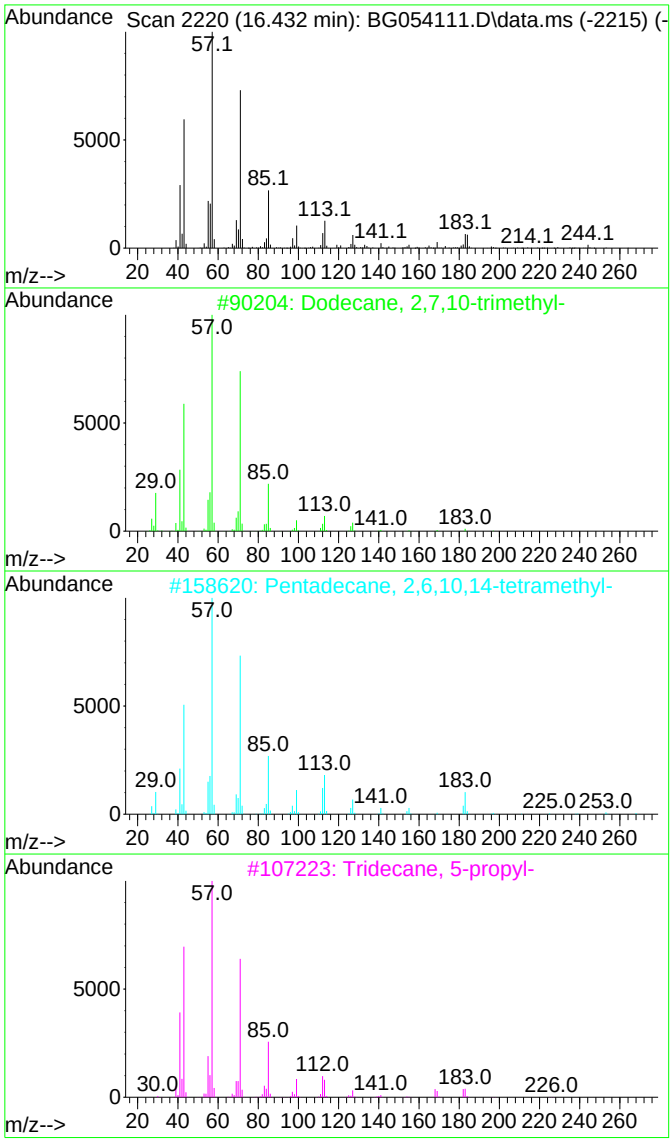
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

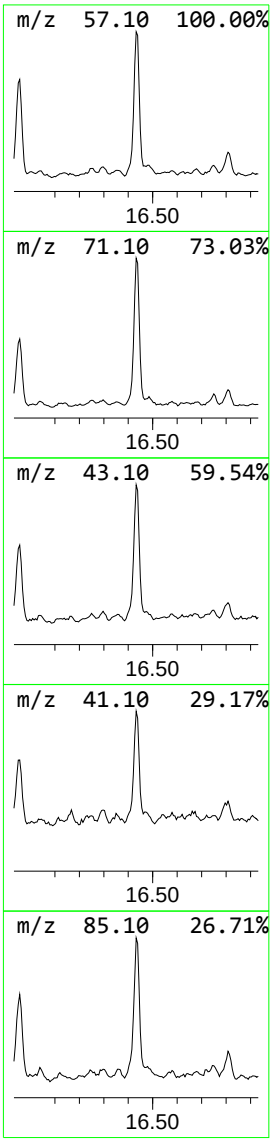
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.432	38.25 ng	1132180	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	68
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	62
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58





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Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

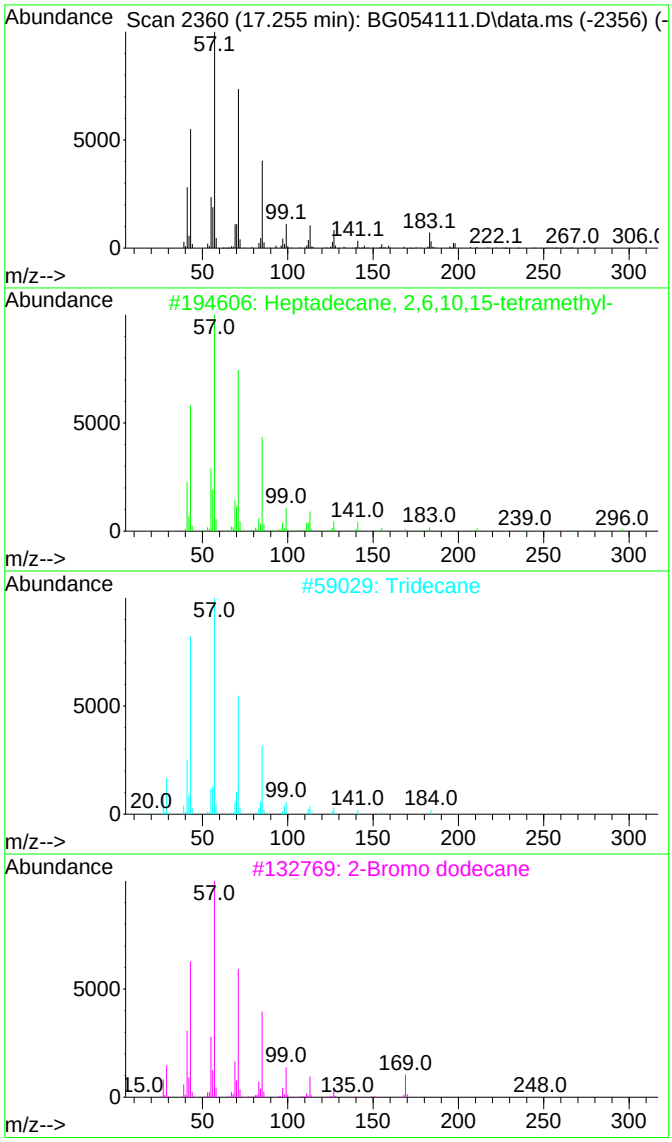
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

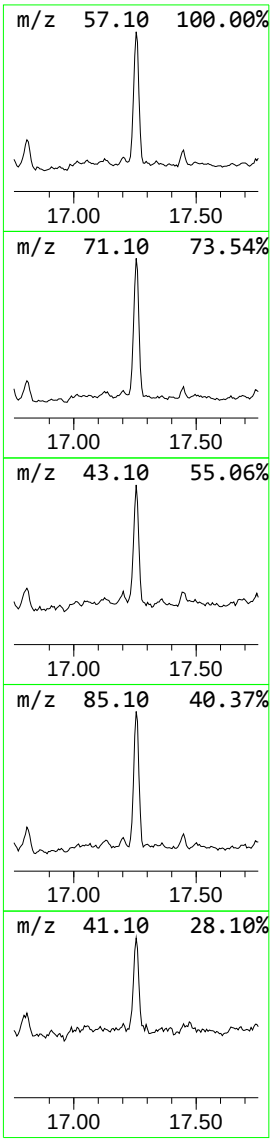
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.255	31.86 ng	943164	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Tridecane	184	C13H28	000629-50-5	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

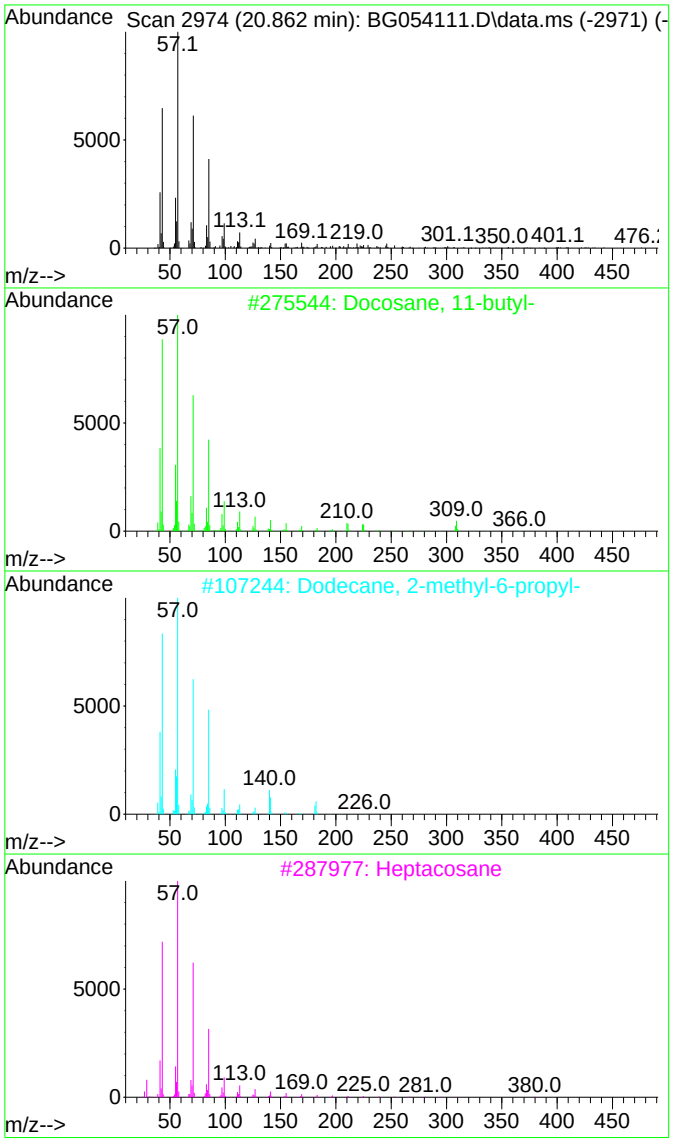
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

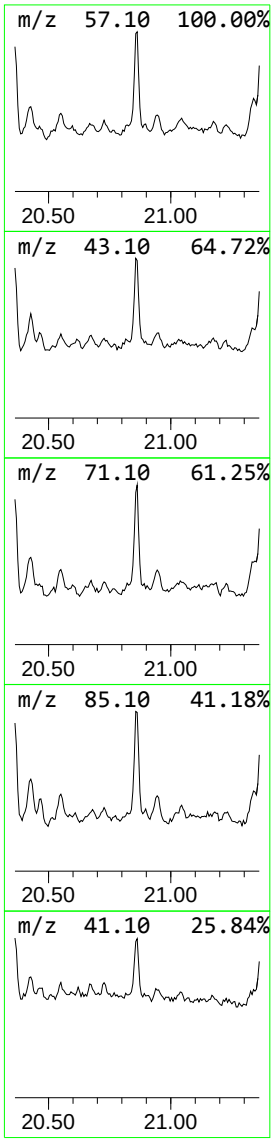
****

Peak Number 20 Docosane, 11-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.862	20.00 ng	403571	Chrysene-d12	21.732

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetradecane	198	C14H30	000629-59-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
Data File : BG054111.D
Acq On : 28 Jun 2022 3:38
Operator : CG/JU
Sample : N3494-16 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-EXC-1-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
Benzene, chloro-	5.386	82.0	ng	1154170	1	8.077	281480	20.0
Cyclohexane, 1-...	6.350	14.1	ng	198645	1	8.077	281480	20.0
unknown8.007	8.007	17.3	ng	243572	1	8.077	281480	20.0
unknown8.265	8.265	13.8	ng	194040	1	8.077	281480	20.0
Cyclopropane, 1...	8.641	14.6	ng	205736	1	8.077	281480	20.0
unknown9.434	9.434	34.3	ng	482798	1	8.077	281480	20.0
Naphthalene, de...	10.075	21.8	ng	573902	2	10.892	526423	20.0
Undecane, 2,6-d...	11.050	17.3	ng	454297	2	10.892	526423	20.0
unknown11.585	11.585	20.0	ng	527472	2	10.892	526423	20.0
Sulfurous acid,...	11.914	25.1	ng	661932	2	10.892	526423	20.0
Dodecane, 2,7,1...	13.248	51.7	ng	929612	3	14.705	359699	20.0
unknown14.135	14.135	14.4	ng	259021	3	14.705	359699	20.0
Tritetracontane	14.188	48.0	ng	864218	3	14.705	359699	20.0
Cyclododecanone...	14.546	25.4	ng	457395	3	14.705	359699	20.0
unknown15.222	15.222	24.9	ng	447969	3	14.705	359699	20.0
Naphthalene, 1,...	15.328	15.4	ng	276245	3	14.705	359699	20.0
Hexadecane	15.956	38.5	ng	691690	3	14.705	359699	20.0
Pentadecane, 2,...	16.432	38.3	ng	1132180	4	17.449	592010	20.0
Heptadecane, 2,...	17.255	31.9	ng	943164	4	17.449	592010	20.0
Docosane, 11-bu...	20.862	20.0	ng	403571	5	21.732	403571	20.0