LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

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-BG121720.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.724	400	406	416	rVB	379465	599166	19.23%	4.410%
2	7.340	672	681	692	rBV3	249700	614410	19.71%	4.522%
3	7.769	747	754	761	rBV2	26757	51431	1.65%	0.379%
4	8.198	817	827	833	rBV2	143940	241197	7.74%	1.775%
5	9.367	1018	1026	1036	rVB	501476	947634	30.41%	6.975%
6	9.766	1089	1094	1099	rBV3	19277	33626	1.08%	0.248%
7	10.413	1199	1204	1214	rVB5	17707	32617	1.05%	0.240%
8	11.024	1300	1308	1315	rBV	181547	336883	10.81%	2.480%
9	11.488	1380	1387	1394	rBV2	24143	42012	1.35%	0.309%
10	12.334	1526	1531	1537	rVB5	16909	31615	1.01%	0.233%
11	13.444	1712	1720	1730	rVB	1287047	2024368	64.96%	14.901%
12	13.697	1757	1763	1770	rVB2	171911	275256	8.83%	2.026%
13	14.255	1854	1858	1866	rVB	157226	219811	7.05%	1.618%
14	14.373	1874	1878	1882	rBV3	29225	46755	1.50%	0.344%
15	14.543	1902	1907	1912	rBV3	36701	60699	1.95%	0.447%
16	14.819	1947	1954	1960	rBV2	309707	471264	15.12%	3.469%
17	14.884	1960	1965	1971	rVB	51139	78121	2.51%	0.575%
18	15.430	2051	2058	2063	rBV6	27907	51828	1.66%	0.381%
19	15.507	2066	2071	2076	rVV5	18761	34455	1.11%	0.254%
20	15.583	2079	2084	2088	rVV5	24478	46925	1.51%	0.345%
21	15.630	2088	2092	2101	rVB9	21140	40829	1.31%	0.301%
22	15.912	2136	2140	2143	rBV4	32466	52913	1.70%	0.389%
23	15.988	2149	2153	2161	rVB4	46188	87862	2.82%	0.647%
24	16.300	2199	2206	2215	rBV	1185290	1860409	59.70%	13.694%
25	16.911	2304	2310	2318	rBV7	30266	66049	2.12%	0.486%
26	17.557	2413	2420	2426	rBV	386326	593128	19.03%	4.366%
27	19.185	2694	2697	2701	rVB	44075	48121	1.54%	0.354%
28	19.578	2759	2764	2768	rVB7	26633	39434	1.27%	0.290%
29	20.142	2854	2860	2867	rBV	2443967	3116511	100.00%	22.939%
30	21.441	3076	3081	3091	rBV3	68947	166843	5.35%	1.228%
31	21.829	3140	3147	3154	rBV	373574	630277	20.22%	4.639%
32	25.178	3707	3717	3729	rVB2	217012	643407	20.65%	4.736%

Sum of corrected areas: 13585856

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
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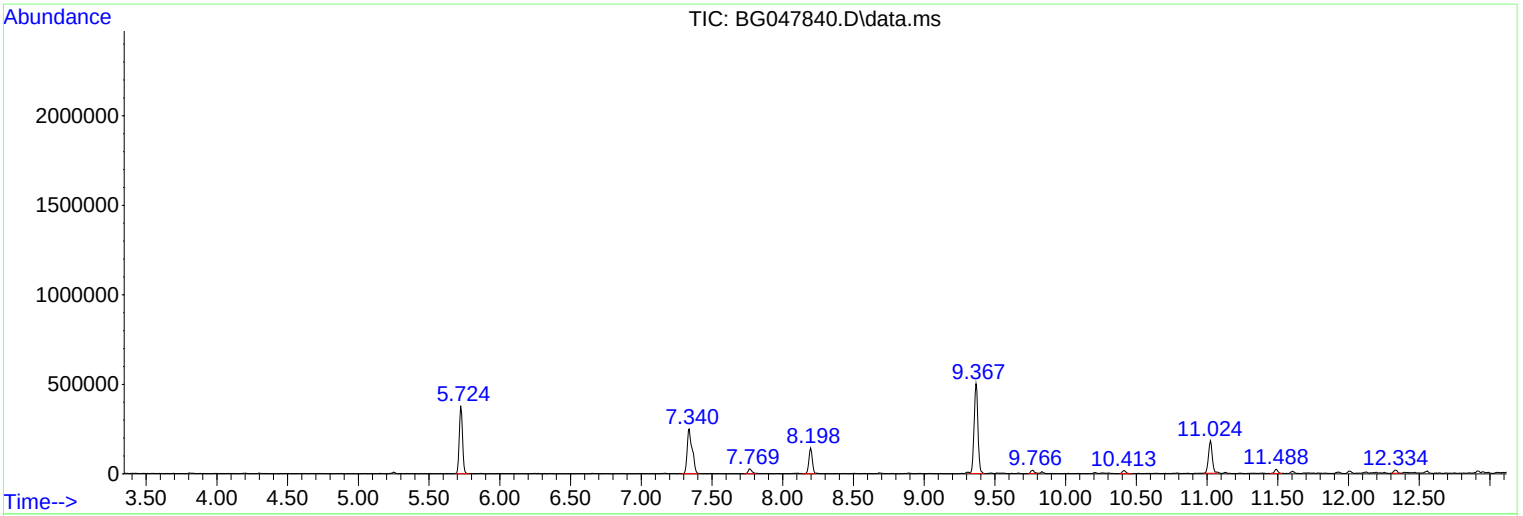
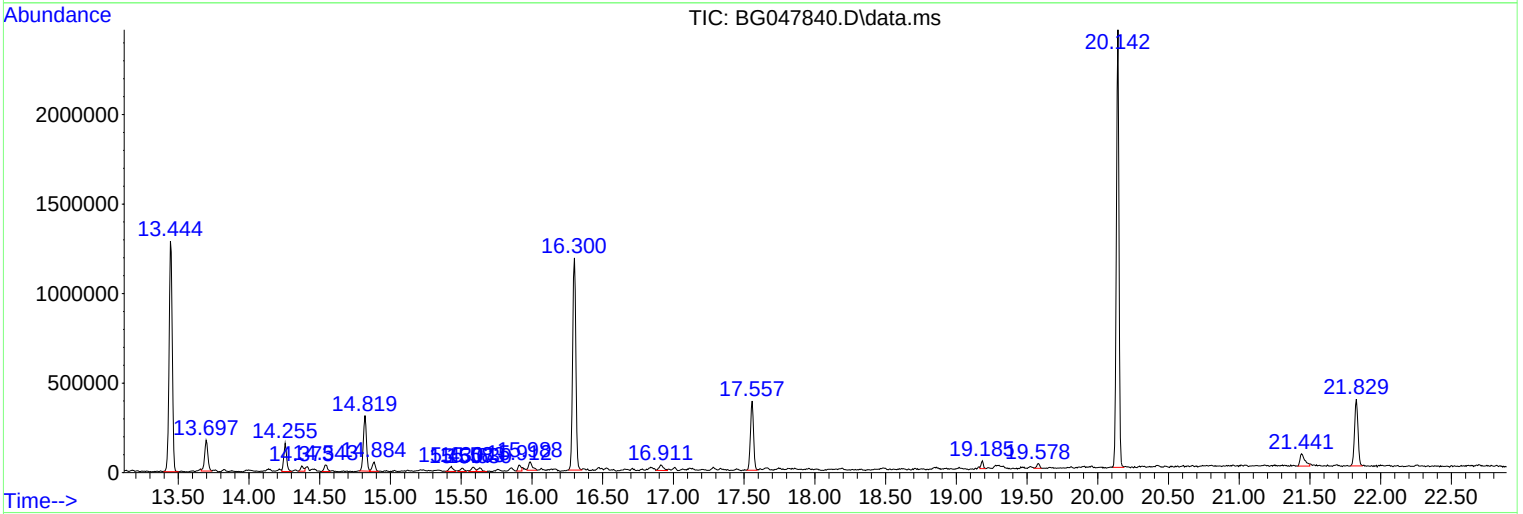
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

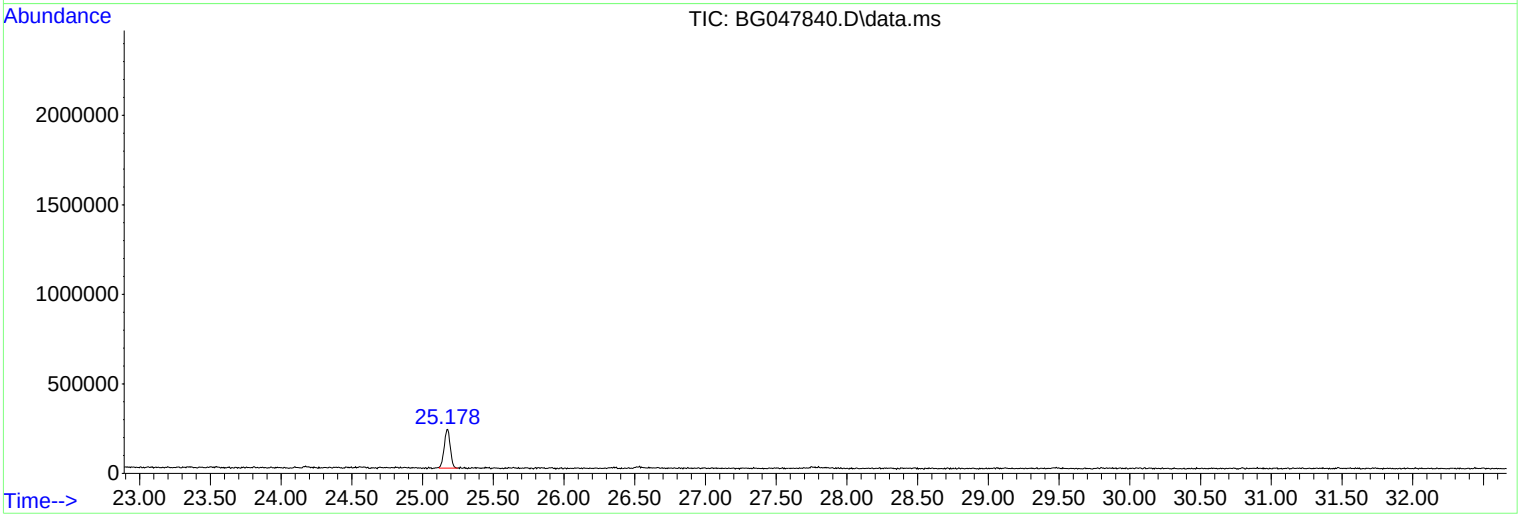
Instrument :
BNA_G
ClientSampleId :
OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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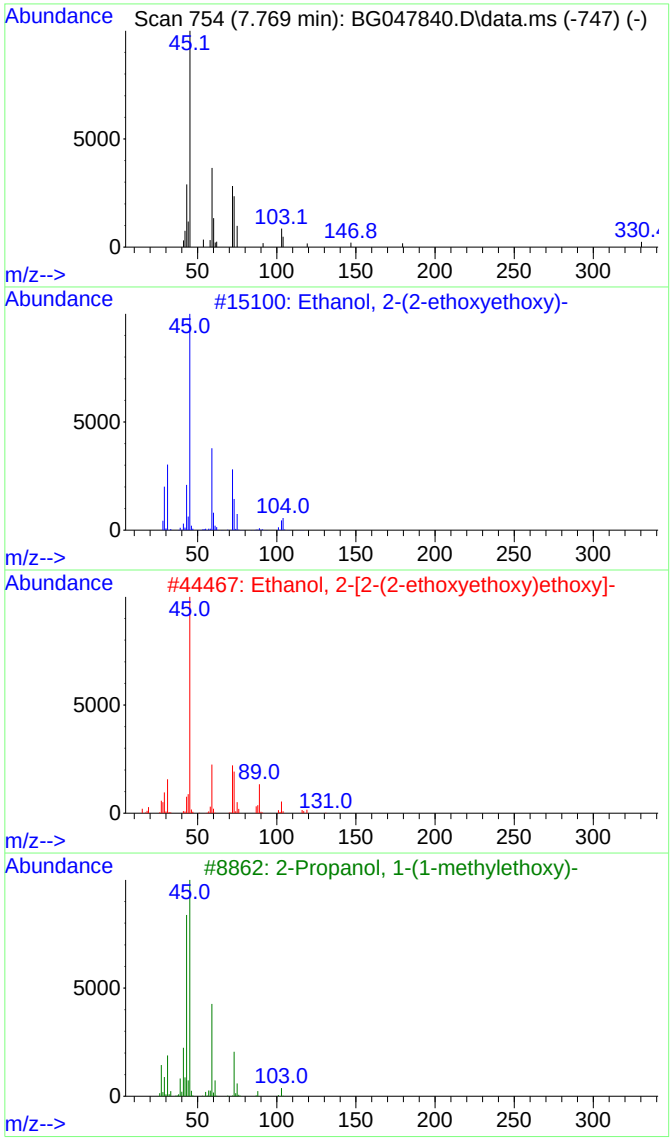
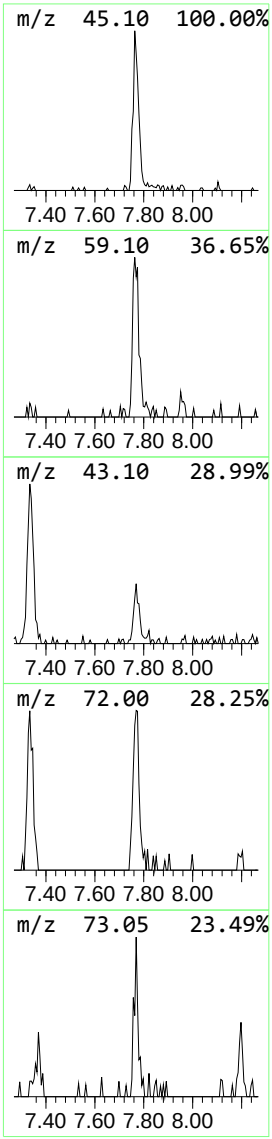
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.769	4.26 ng	51431	1,4-Dichlorobenzene-d4	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	64
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
4	Carbamic acid, 1-methylethyl ester	103	C4H9NO2	001746-77-6	28
5	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

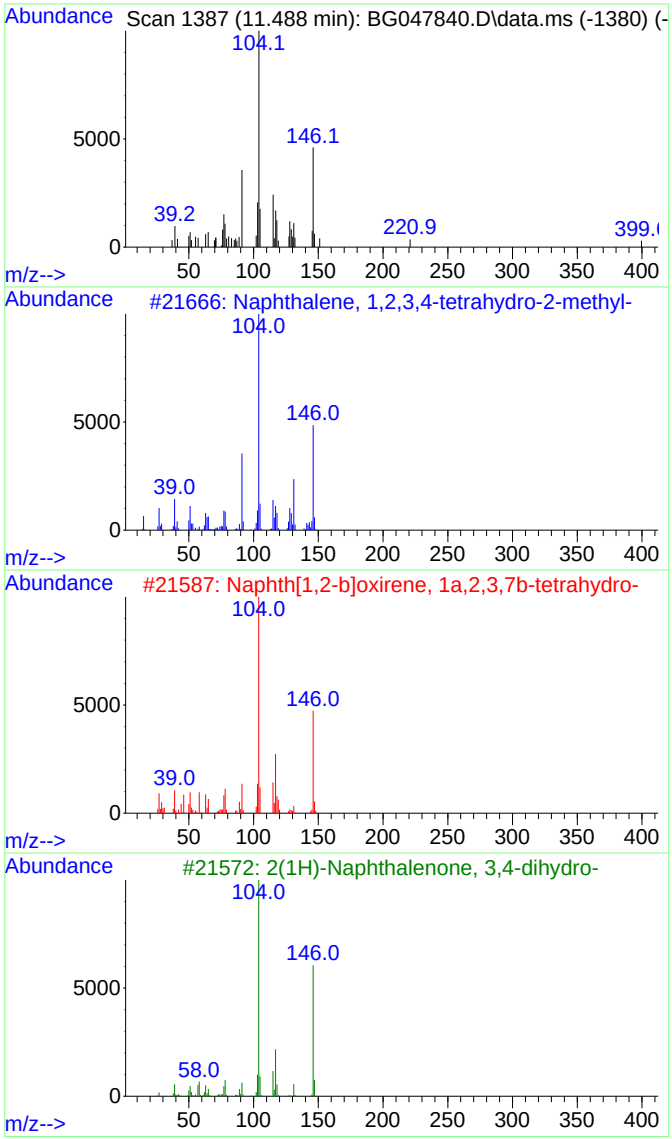
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

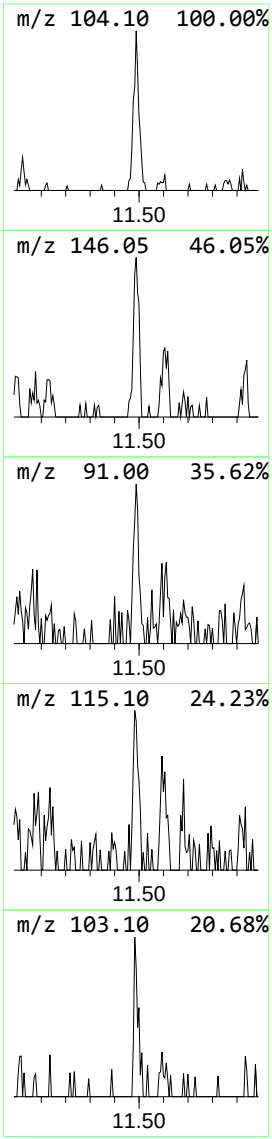
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.488	2.49 ng	42012	Naphthalene-d8	11.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	68
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	Benzene, [2-(1,1-dimethylethyl)c...	174	C13H18	1000362-12-2	47
5	2-Methyl-4-phenylthiolane, 1,1-d...	210	C11H14O2S	058121-30-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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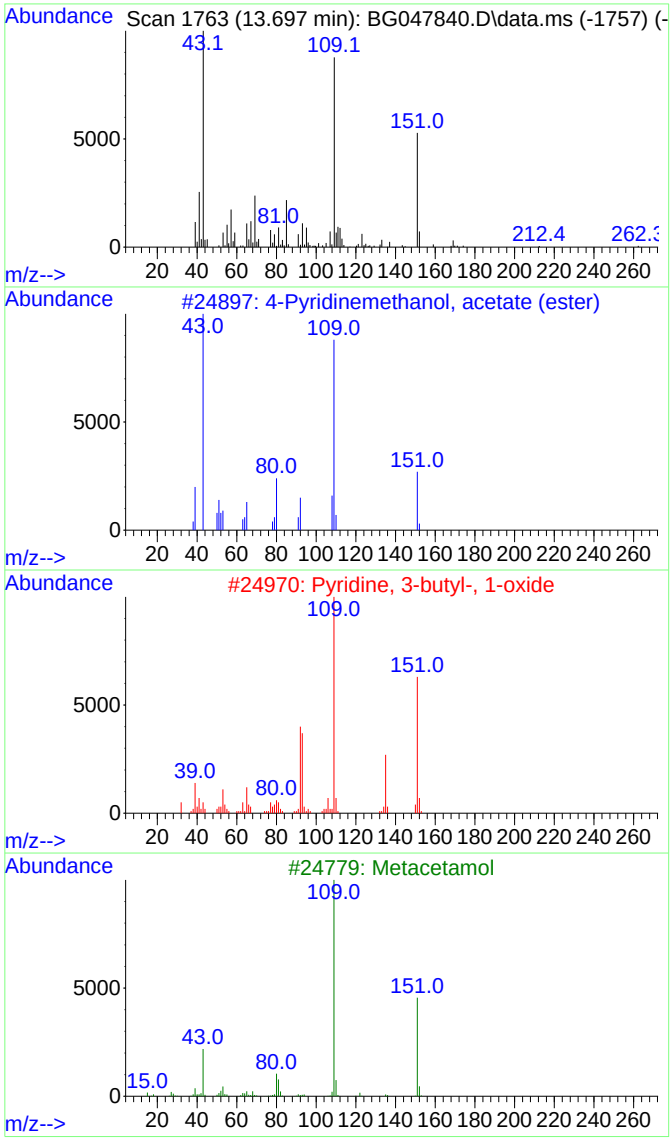
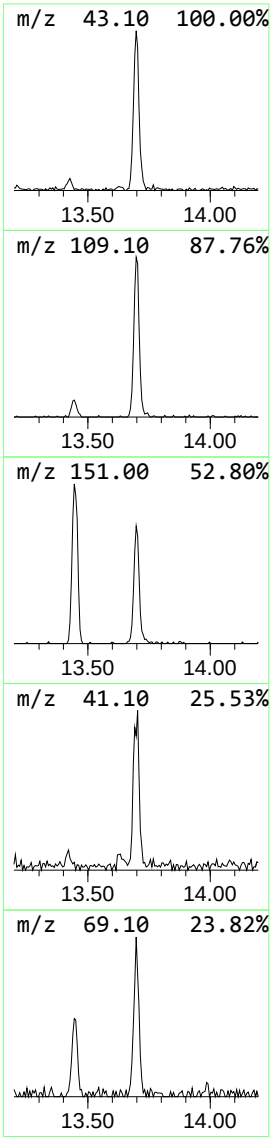
****
Peak Number 3 4-Pyridinemethanol, acetate... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.697	11.68 ng	275256	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	58
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	58
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Tiocarlide	400	C23H32N2O2S	000910-86-1	53
5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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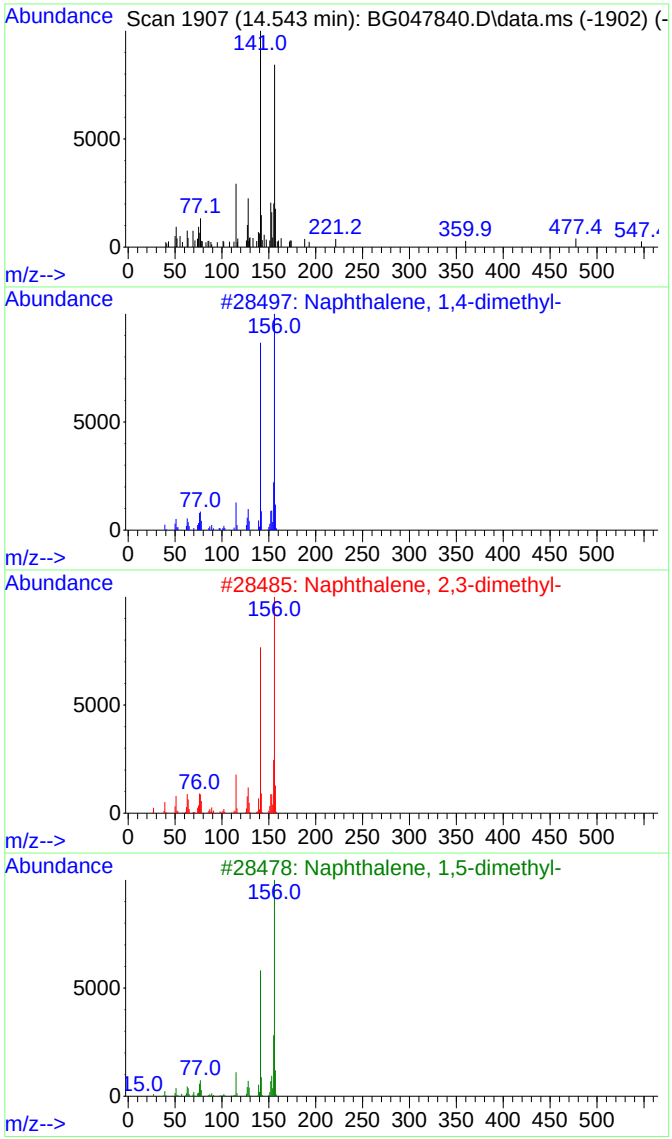
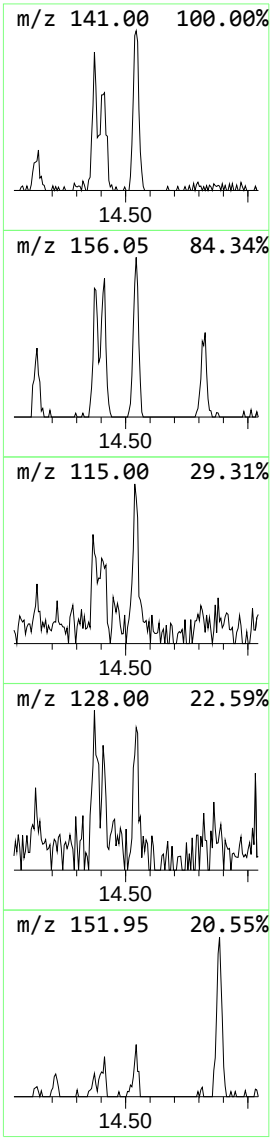
****

Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	2.58 ng	60699	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	81
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWL-C2-GW

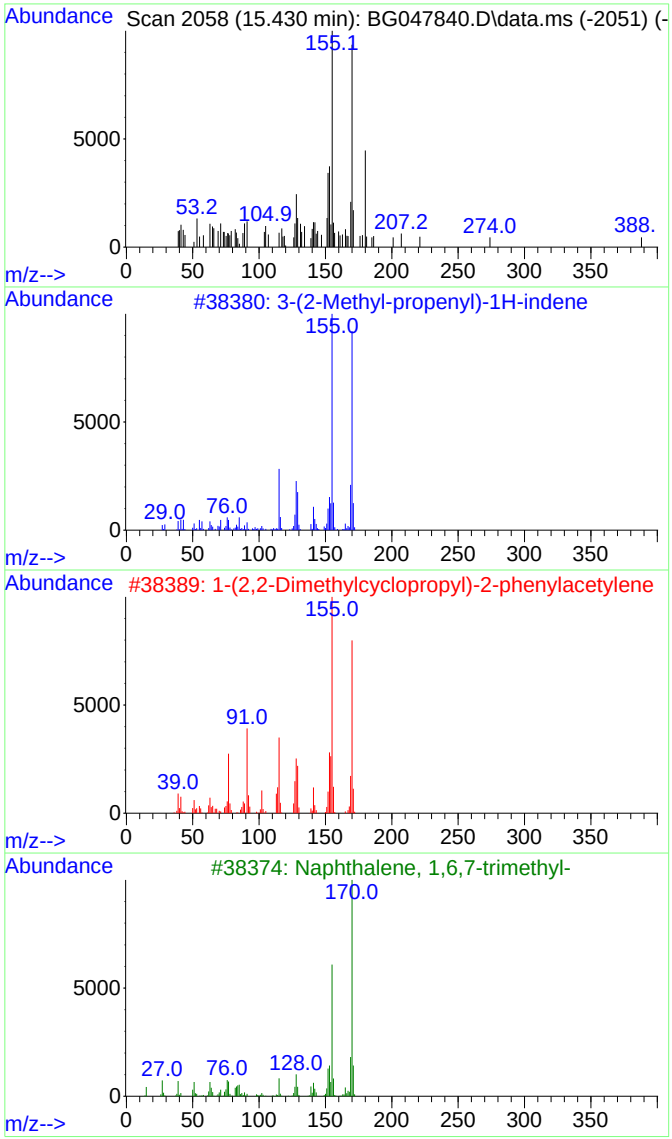
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

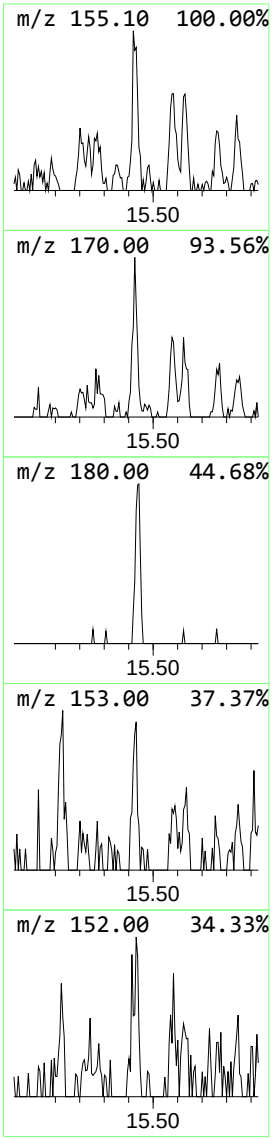
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.430	2.20 ng	51828	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

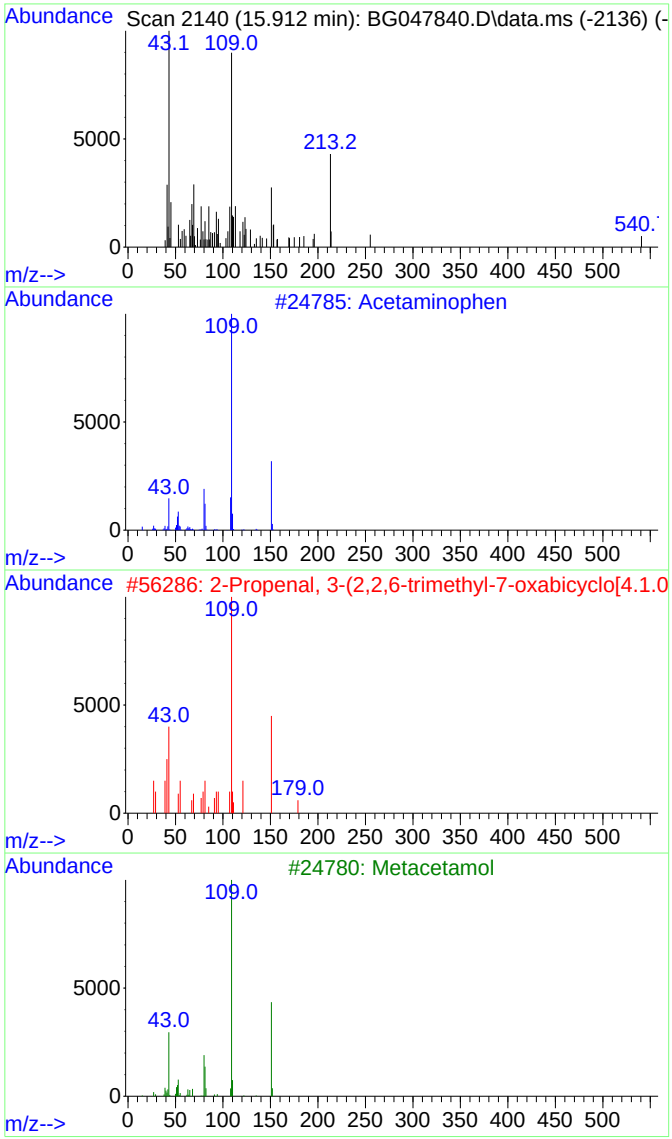
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

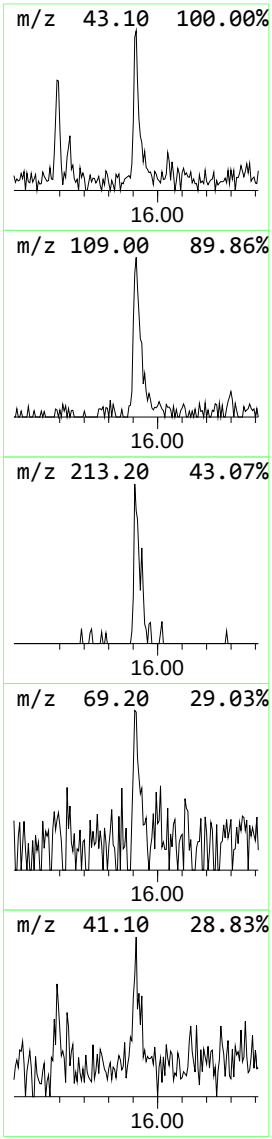
****

Peak Number 6 unknown15.912 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.912	2.25 ng	52913	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaminophen	151	C8H9NO2	000103-90-2	38
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	38
3	Metacetamol	151	C8H9NO2	000621-42-1	38
4	Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	38
5	4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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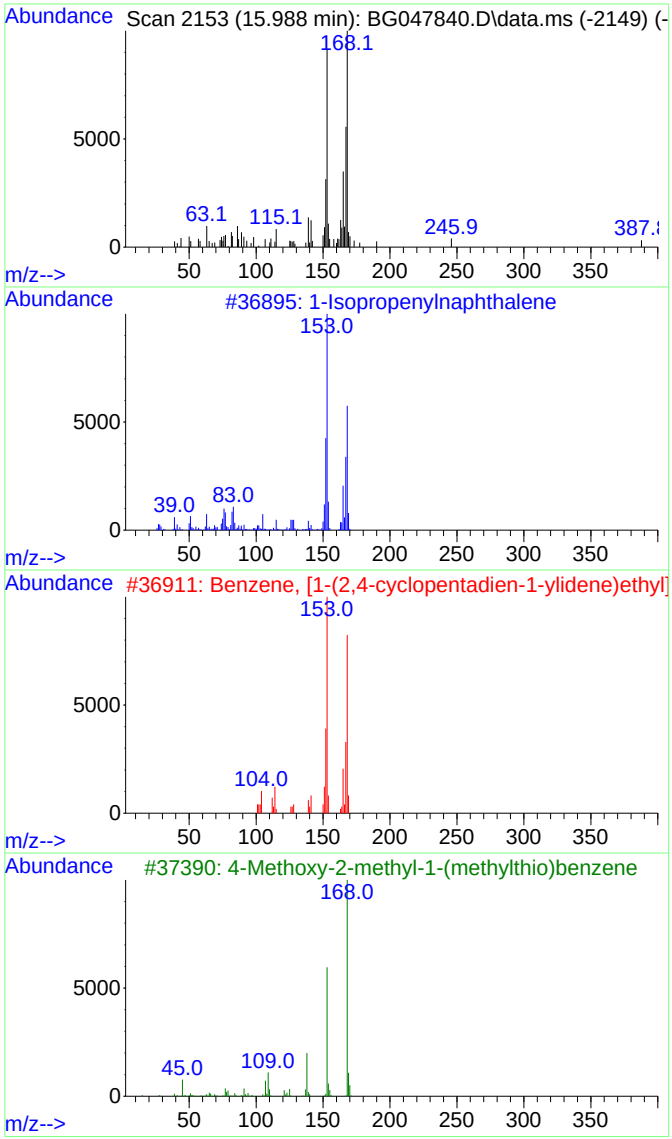
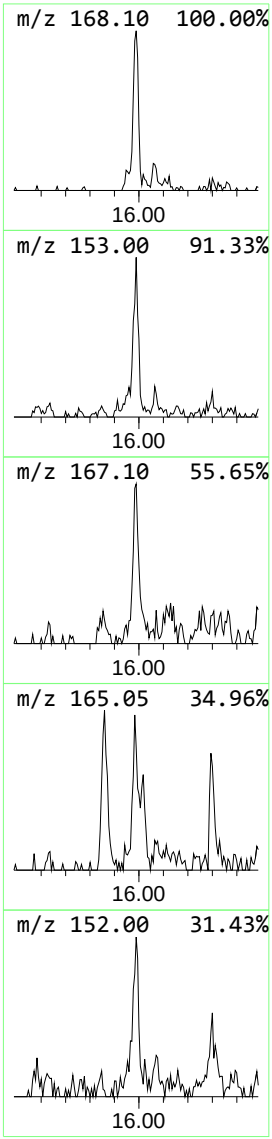
****

Peak Number 7 1-Isopropenylnaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.988	3.73 ng	87862	Acenaphthene-d10	14.819

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	58
3	4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	47
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	46
5	Naphthalene, 1-[1-(bromomethyl)v...	246	C13H11Br	1000217-20-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

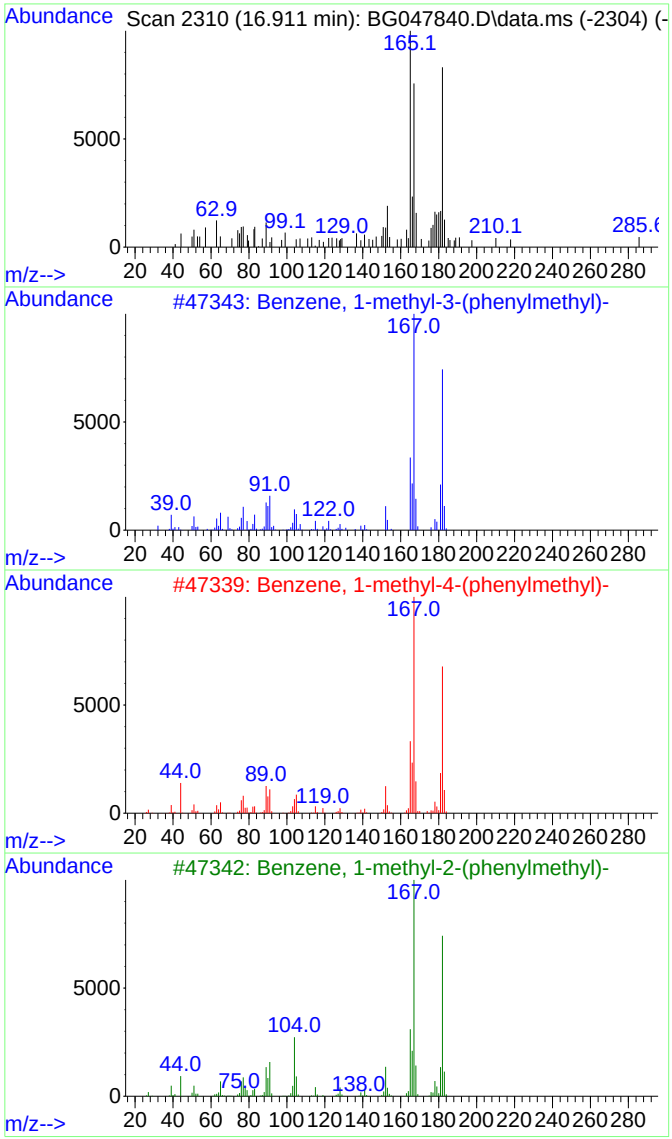
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

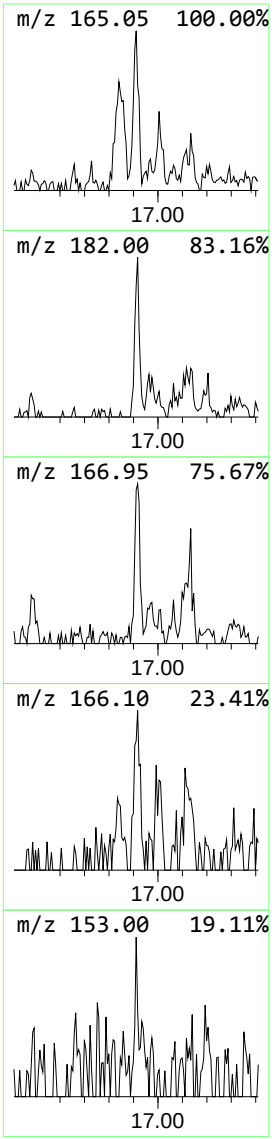
****

Peak Number 8 Benzene, 1-methyl-3-(phenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.911	2.23 ng	66049	Phenanthrene-d10	17.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	86
2	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	62
3	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	53
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	50
5	4-Ethylbiphenyl	182	C14H14	005707-44-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

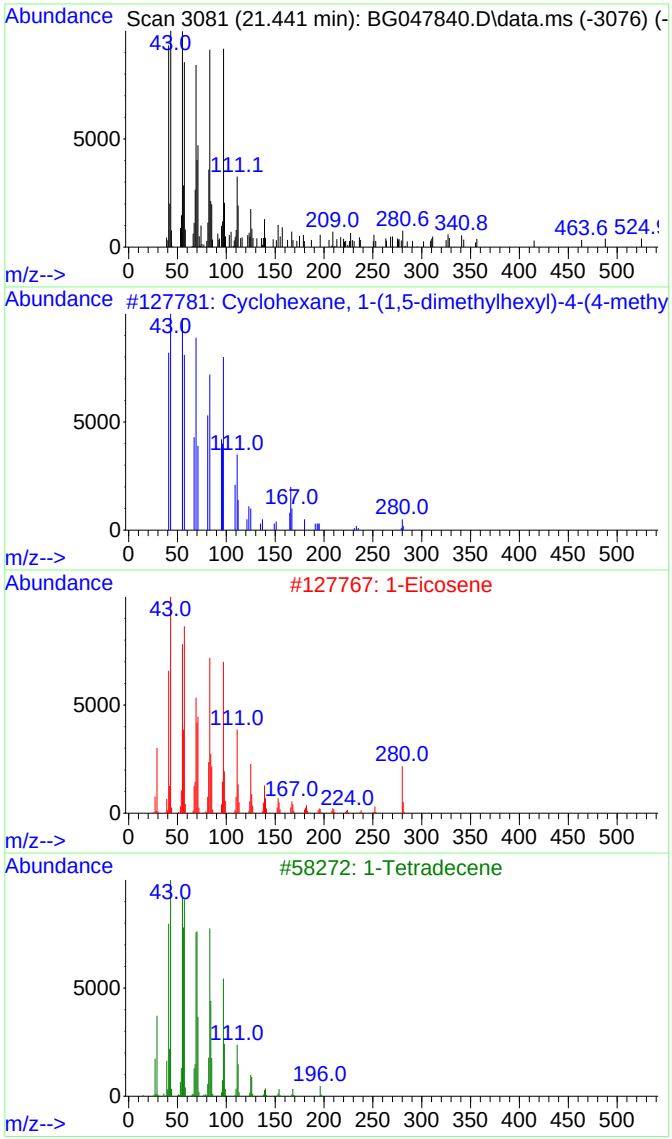
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

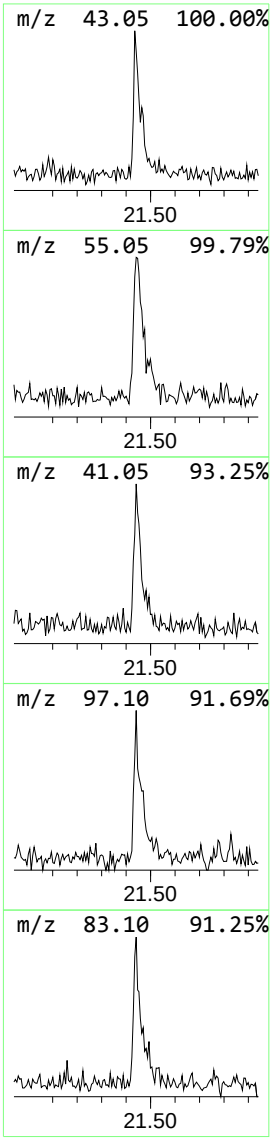
****

Peak Number 9 Cyclohexane, 1-(1,5-dimethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.441	5.29 ng	166843	Chrysene-d12	21.829

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	90
2	1-Eicosene	280	C20H40	003452-07-1	87
3	1-Tetradecene	196	C14H28	001120-36-1	76
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	62
5	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122920\
Data File : BG047840.D
Acq On : 29 Dec 2020 17:38
Operator : CG/JU
Sample : L5227-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWL-C2-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-e...	7.769	4.3	ng	51431	1	8.198	241197	20.0
Naphthalene, 1,...	11.488	2.5	ng	42012	2	11.024	336883	20.0
4-Pyridinemetha...	13.697	11.7	ng	275256	3	14.819	471264	20.0
Naphthalene, 1,...	14.543	2.6	ng	60699	3	14.819	471264	20.0
3-(2-Methyl-pro...	15.430	2.2	ng	51828	3	14.819	471264	20.0
unknown15.912	15.912	2.3	ng	52913	3	14.819	471264	20.0
1-Isopropenylna...	15.988	3.7	ng	87862	3	14.819	471264	20.0
Benzene, 1-meth...	16.911	2.2	ng	66049	4	17.557	593128	20.0
Cyclohexane, 1-...	21.441	5.3	ng	166843	5	21.829	630277	20.0