LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049125.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.151	13	19	28	rBV	115222	250903	8.42%	1.863%
2	3.227	28	32	45	rVB	55981	94143	3.16%	0.699%
3	5.184	359	365	375	rVB2	23153	40457	1.36%	0.300%
4	5.654	435	445	459	rVB	293748	488862	16.41%	3.630%
5	7.252	710	717	729	rBV	185331	335890	11.28%	2.494%
6	8.104	855	862	868	rVB	113768	199636	6.70%	1.482%
7	9.267	1053	1060	1069	rBV	417710	779186	26.16%	5.786%
8	10.636	1284	1293	1297	rBV7	19159	51217	1.72%	0.380%
9	10.689	1297	1302	1308	rVB4	20911	43237	1.45%	0.321%
10	10.924	1335	1342	1349	rBV	151954	290977	9.77%	2.161%
11	11.394	1417	1422	1431	rVB10	14114	32817	1.10%	0.244%
12	11.500	1431	1440	1451	rBV10	16198	42124	1.41%	0.313%
13	11.635	1457	1463	1471	rBV9	14809	34259	1.15%	0.254%
14	11.770	1481	1486	1492	rVB7	20187	41243	1.38%	0.306%
15	11.981	1515	1522	1525	rBV5	18800	39164	1.31%	0.291%
16	12.028	1525	1530	1536	rVV2	54726	103464	3.47%	0.768%
17	12.117	1539	1545	1552	rVV10	14335	36344	1.22%	0.270%
18	12.240	1558	1566	1573	rBV3	25893	58625	1.97%	0.435%
19	12.475	1597	1606	1613	rBV3	36506	90761	3.05%	0.674%
20	12.839	1663	1668	1670	rBV5	17231	31152	1.05%	0.231%
21	13.368	1748	1758	1764	rBV	1113709	1766279	59.30%	13.116%
22	13.679	1806	1811	1815	rBV6	20400	44458	1.49%	0.330%
23	13.914	1845	1851	1857	rBV8	22572	53779	1.81%	0.399%
24	13.973	1857	1861	1866	rBV8	35493	66960	2.25%	0.497%
25	14.073	1874	1878	1888	rBV8	22769	62650	2.10%	0.465%
26	14.302	1912	1917	1919	rBV3	40918	65696	2.21%	0.488%
27	14.332	1920	1922	1926	rVB3	38819	49260	1.65%	0.366%
28	14.461	1938	1944	1952	rVB3	54982	120174	4.03%	0.892%
29	14.743	1986	1992	1998	rBV2	265894	428047	14.37%	3.179%
30	14.808	2000	2003	2010	rVB2	34919	66492	2.23%	0.494%
31	15.060	2042	2046	2053	rVB8	23875	37645	1.26%	0.280%
32	15.360	2094	2097	2106	rVB6	70133	149194	5.01%	1.108%
33	15.783	2165	2169	2175	rVB3	72840	116625	3.92%	0.866%
34	15.842	2176	2179	2183	rBV6	22171	38357	1.29%	0.285%
35	15.918	2188	2192	2197	rVV	92300	132485	4.45%	0.984%
36	16.235	2239	2246	2255	rVB	1092204	1761790	59.15%	13.083%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

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-BG061121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.846	2346	2350	2353	rBV5	45683	71773	2.41%	0.533%
38	17.493	2455	2460	2466	rBV	320889	486346	16.33%	3.612%
39	18.374	2606	2610	2620	rBV	255118	432217	14.51%	3.210%
40	19.637	2822	2825	2838	rVB2	99109	166600	5.59%	1.237%
41	20.101	2898	2904	2909	rVB	2194071	2978412	100.00%	22.117%
42	21.406	3123	3126	3135	rVB10	30826	65217	2.19%	0.484%
43	21.776	3183	3189	3199	rVB	349599	597899	20.07%	4.440%
44	25.090	3744	3753	3765	rVB3	206062	623727	20.94%	4.632%

Sum of corrected areas: 13466543

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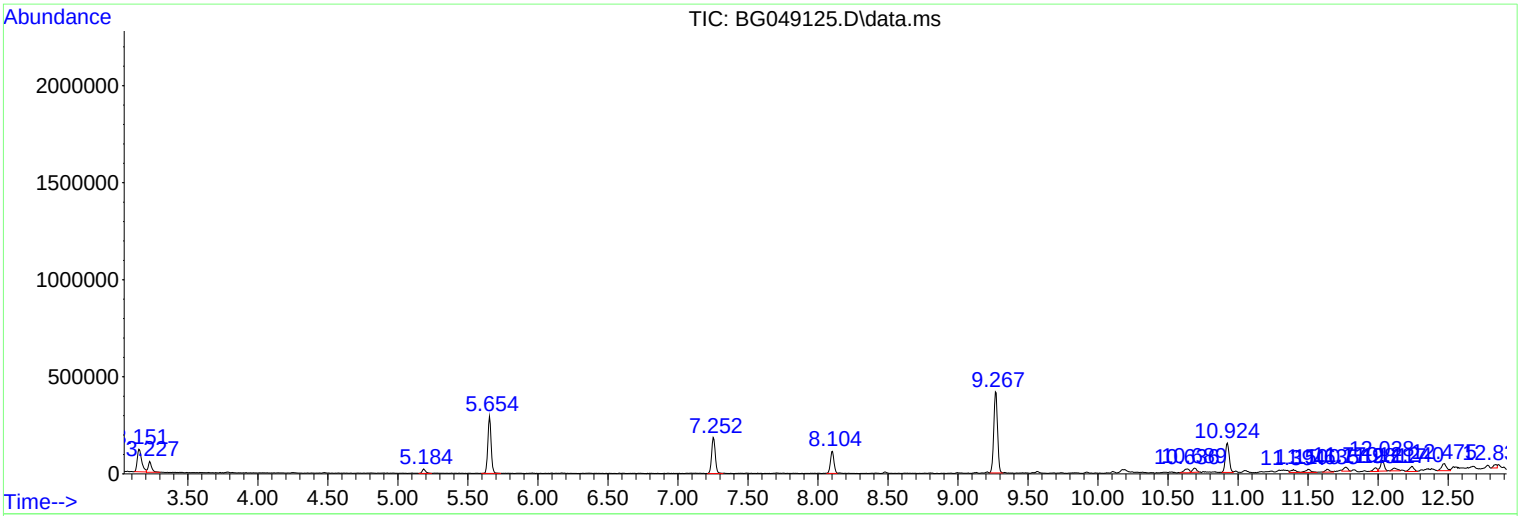
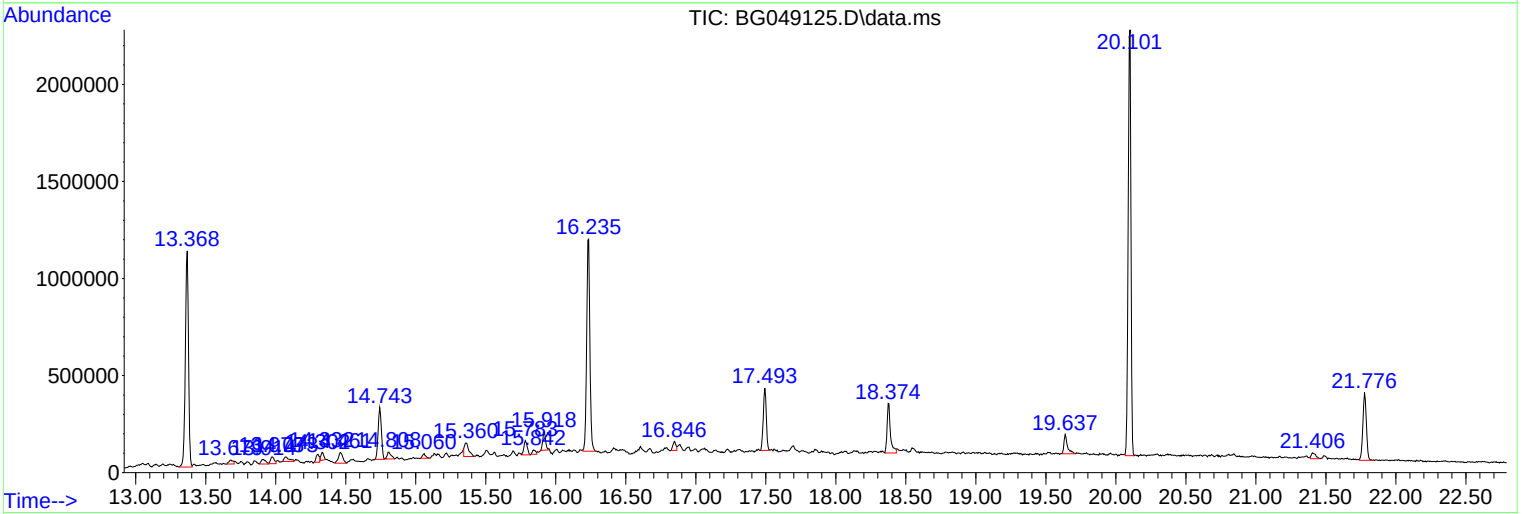
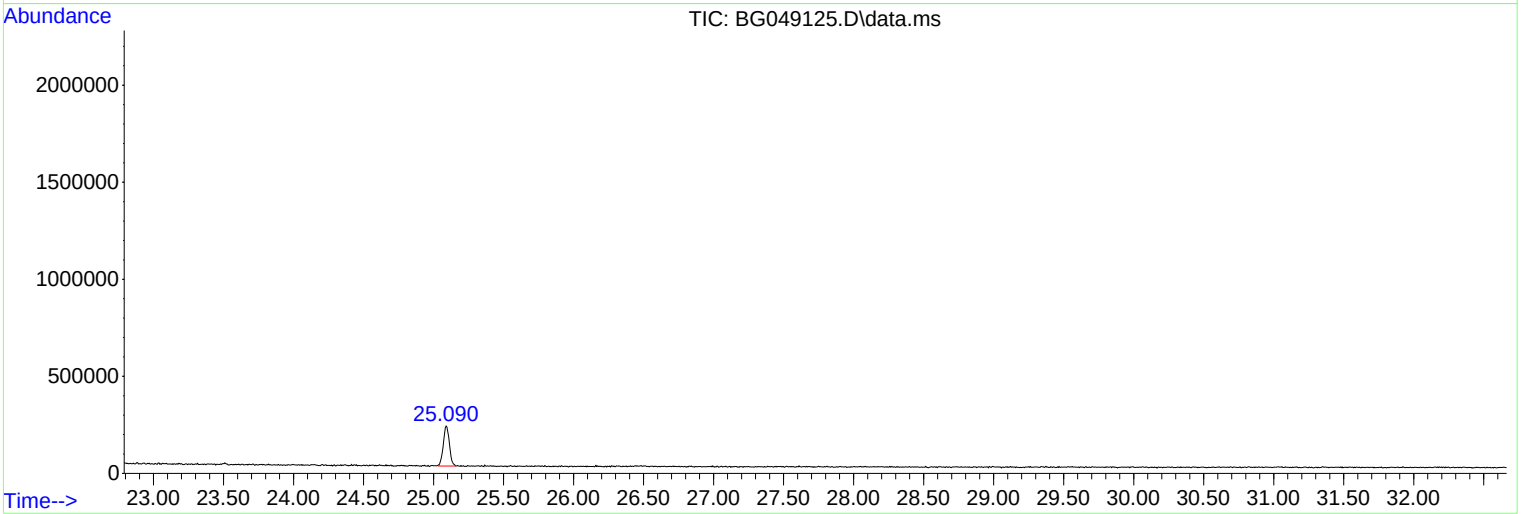
Instrument :
BNA_G
ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Acq On : 28 Jun 2021 19:04
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

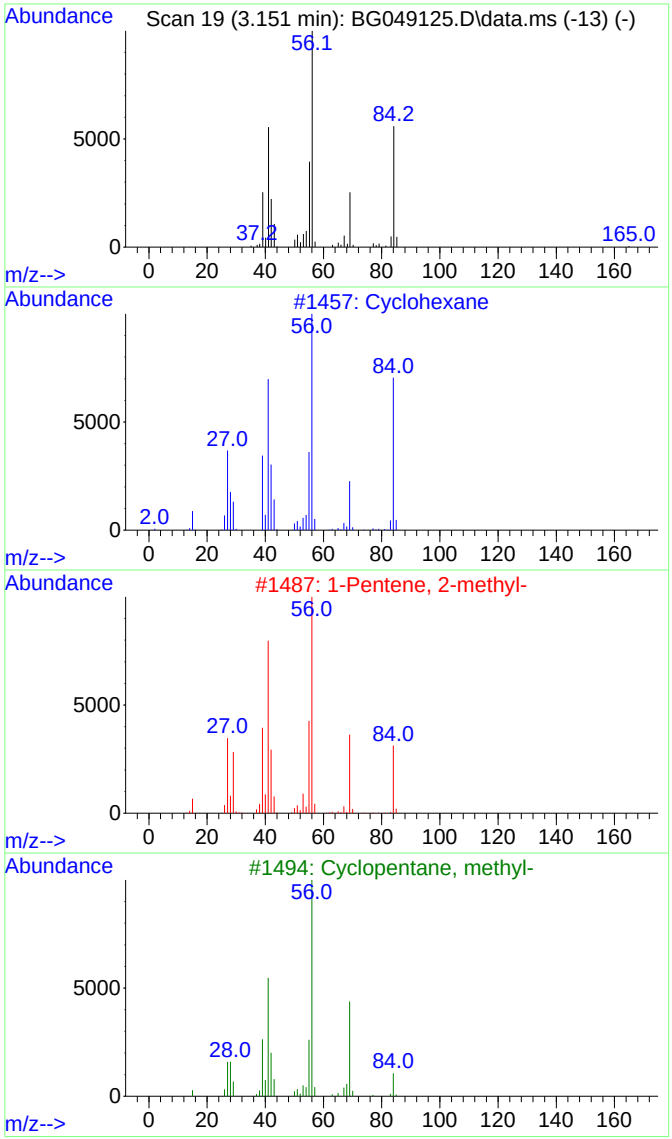
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

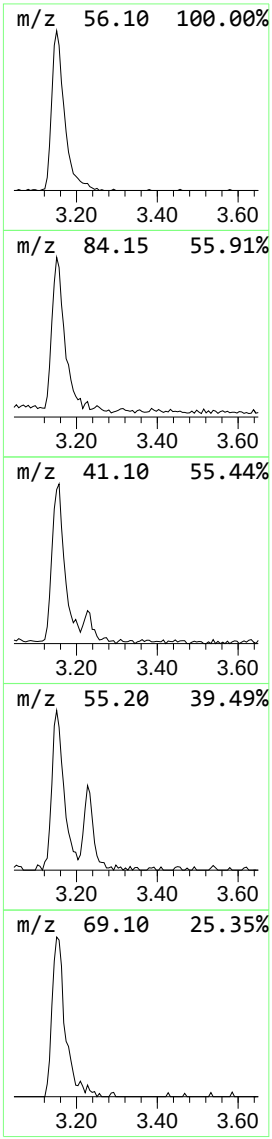
****

Peak Number 1 Cyclohexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.151	25.14 ng	250903	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	42
4	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	40
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

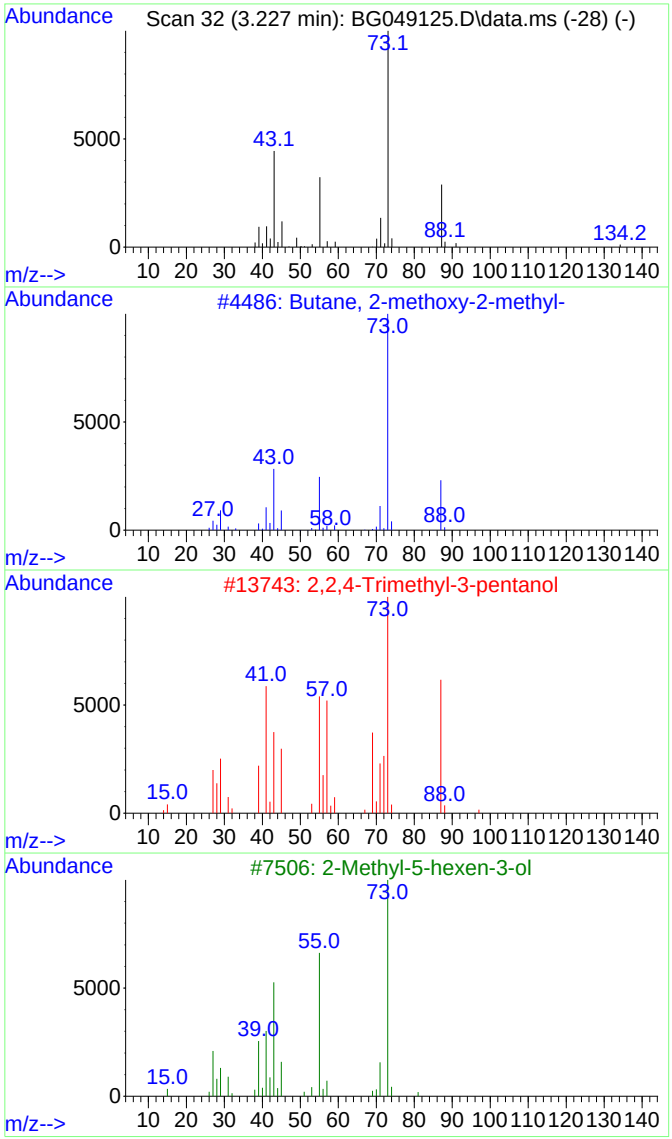
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

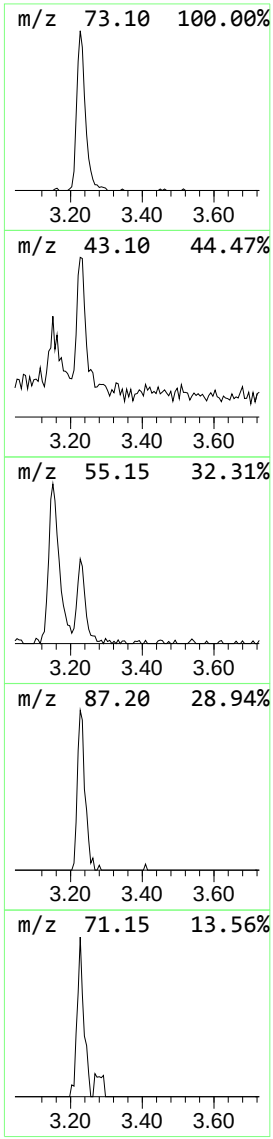
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.227	9.43 ng	94143	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

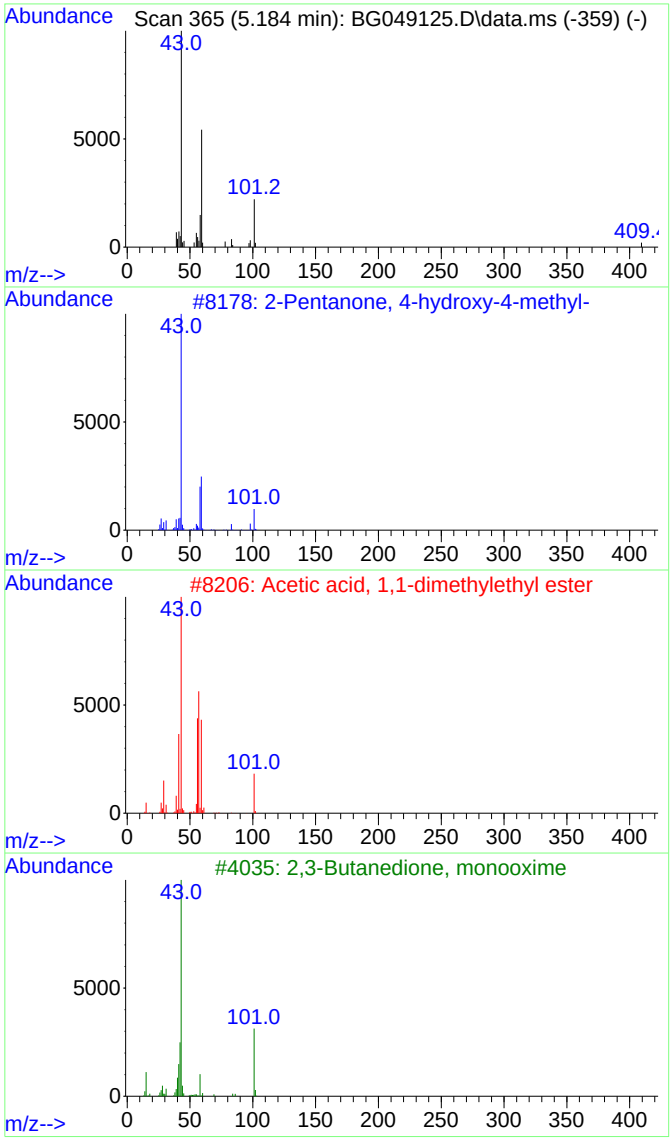
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

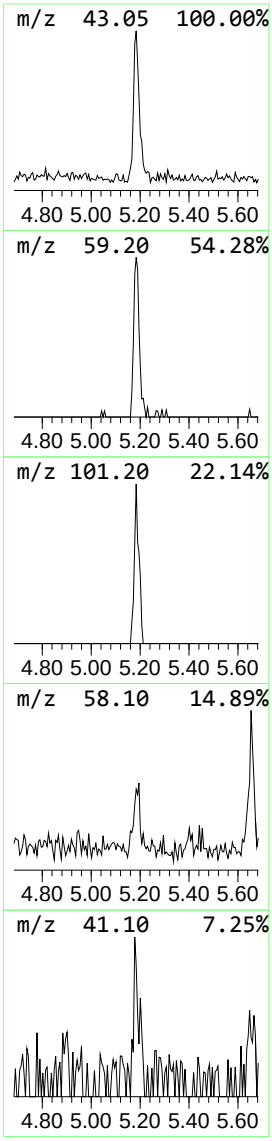
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.184	4.05 ng	40457	1,4-Dichlorobenzene-d4	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
5	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	23





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Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
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Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

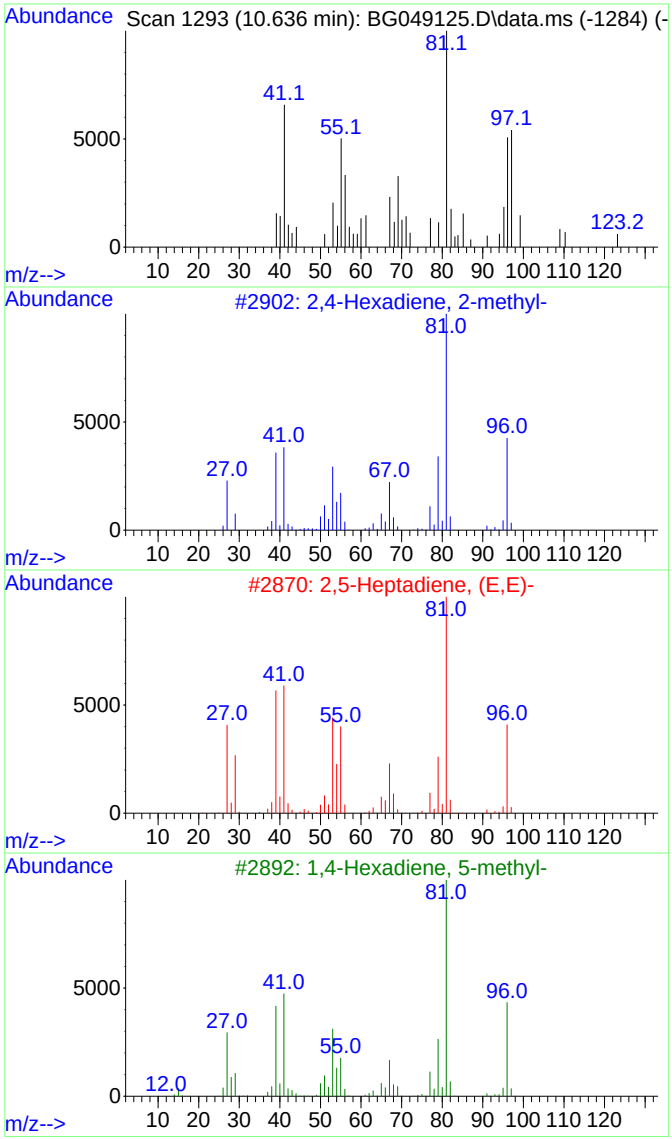
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

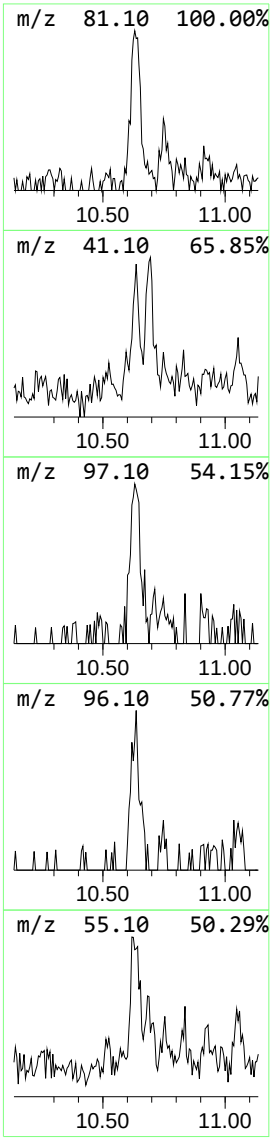
****

Peak Number 4 unknown10.636 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.636	3.52 ng	51217	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	47
2	2,5-Heptadiene, (E,E)-	96	C7H12	039619-60-8	46
3	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	43
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	43
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

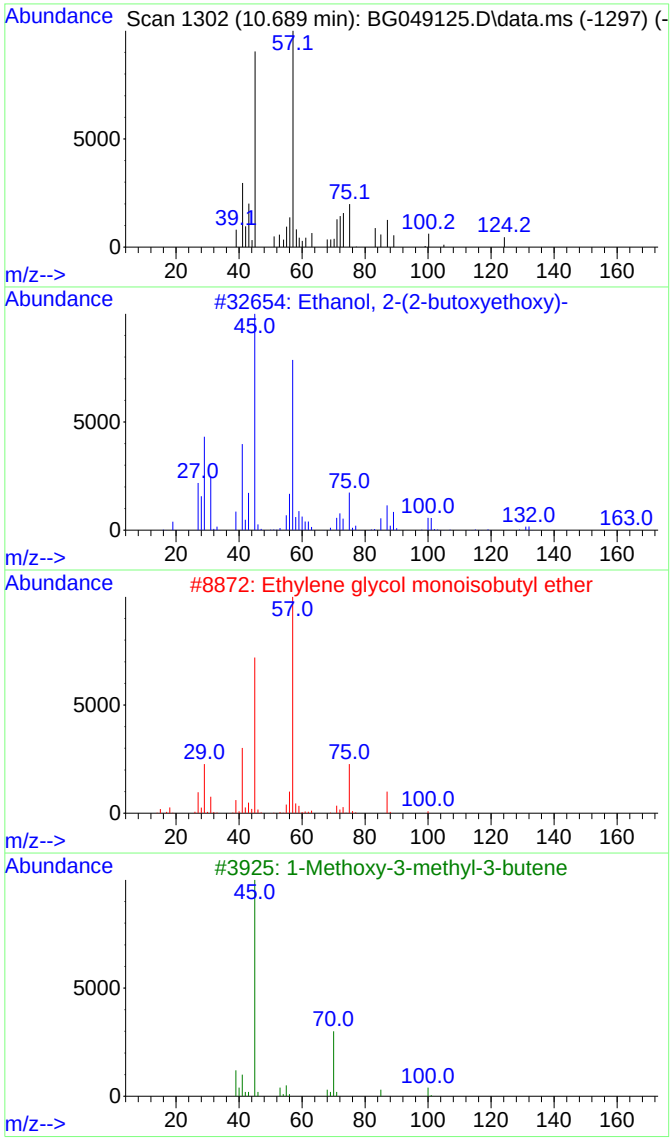
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

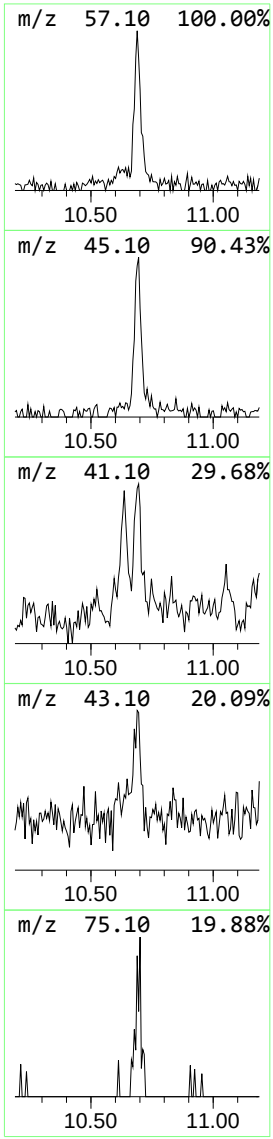
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.689	2.97 ng	43237	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	38
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	33
5	3-Methoxypropionic acid	104	C4H8O3	002544-06-1	32





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

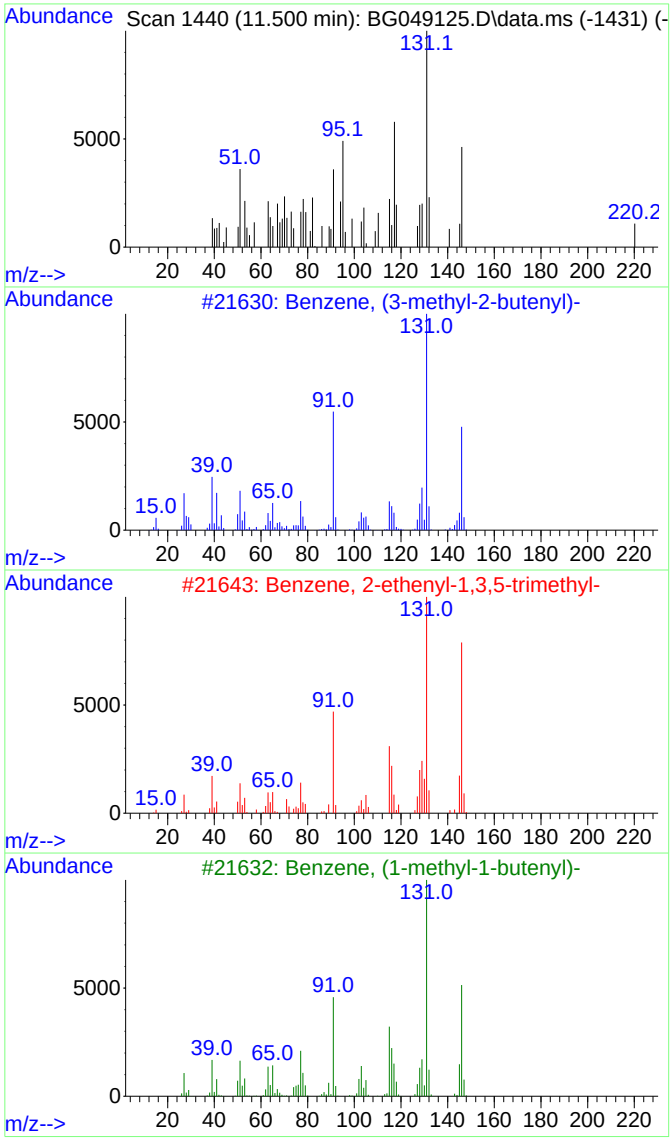
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

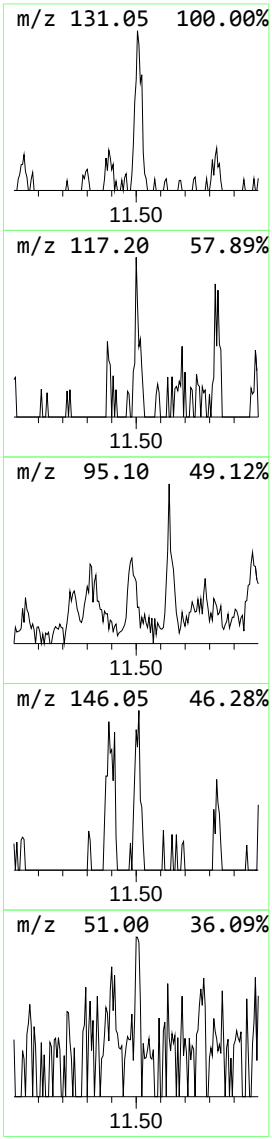
****

Peak Number 6 unknown11.500 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.500	2.90 ng	42124	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	43
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	43
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	43
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	38
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	35





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Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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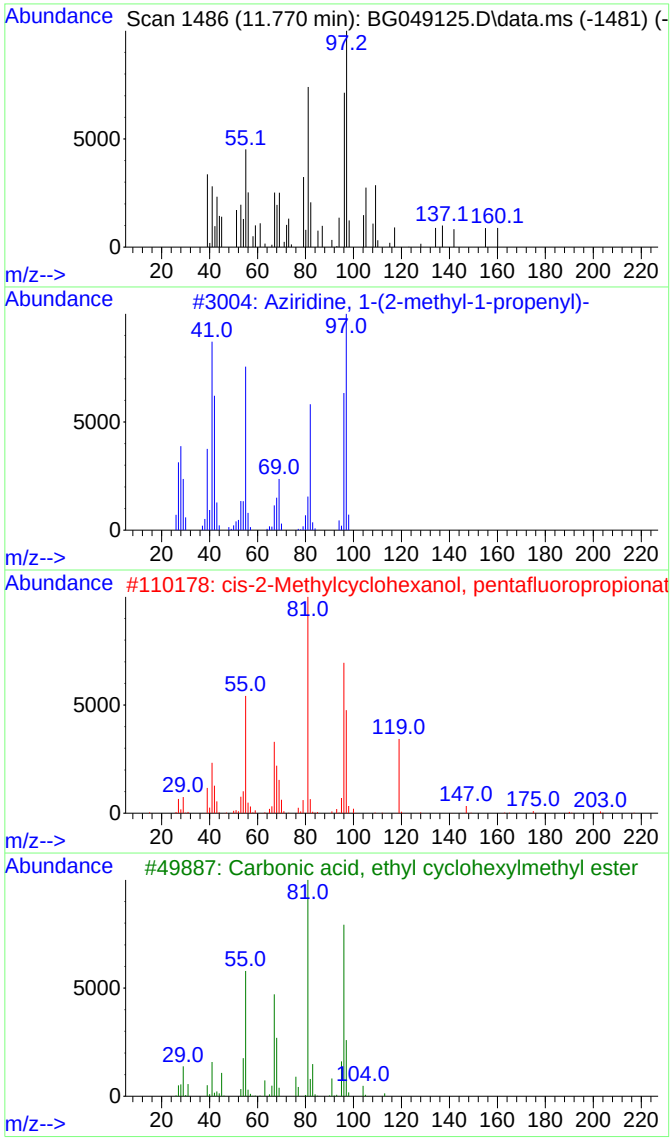
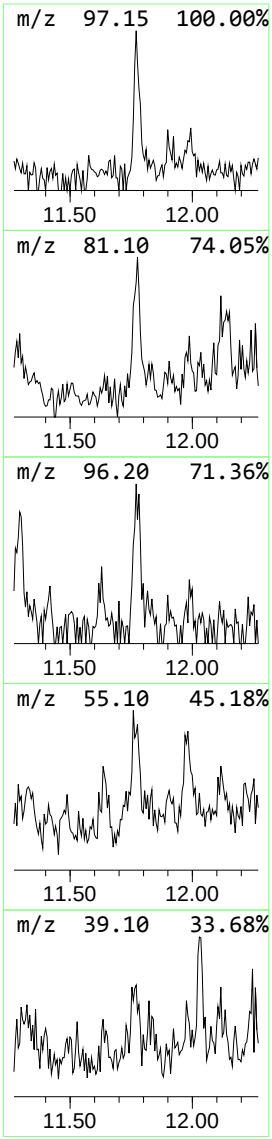
Peak Number 7 unknown11.770 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.770	2.83 ng	41243	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-(2-methyl-1-propenyl)-	97	C6H11N	080839-93-6	38
2	cis-2-Methylcyclohexanol, pentaf...	260	C10H13F5O2	1000364-12-4	38
3	Carbonic acid, ethyl cyclohexylm...	186	C10H18O3	1000357-91-5	38
4	cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	38
5	trans-2-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-0	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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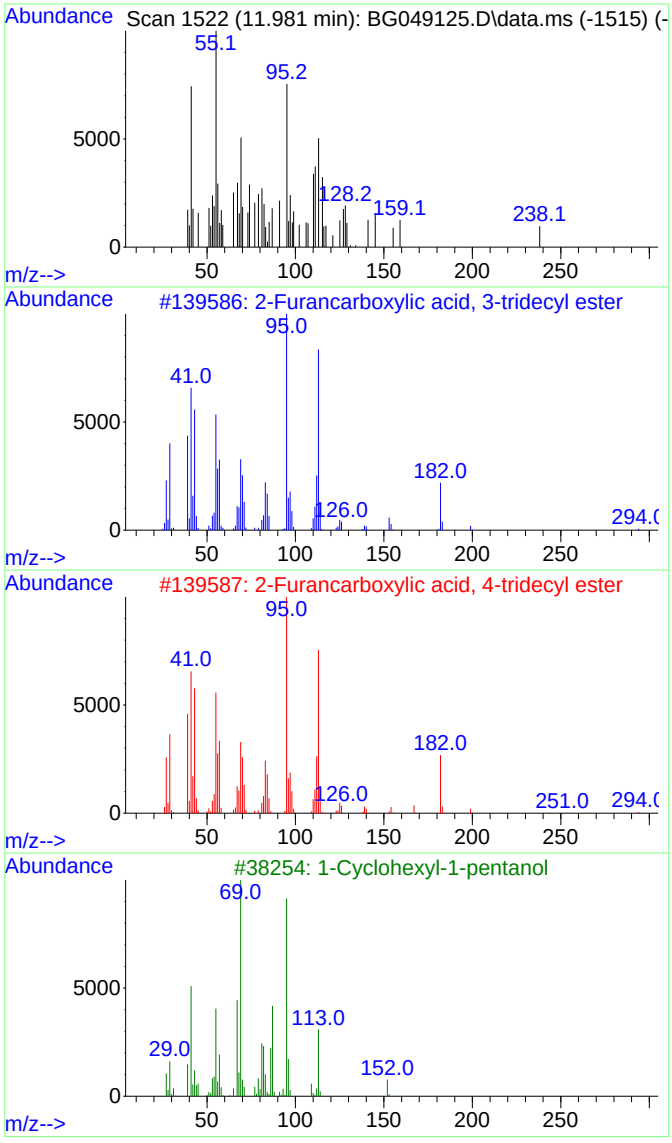
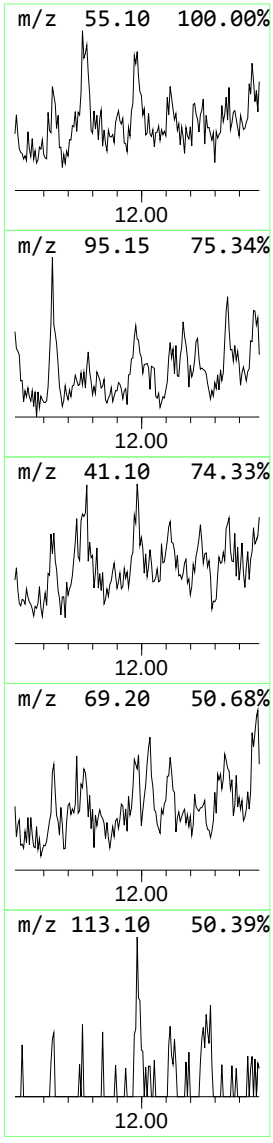
Peak Number 8 unknown11.981 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.981	2.69 ng	39164	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Furancarboxylic acid, 3-tridec...	294	C18H30O3	1000280-63-4	43
2	2-Furancarboxylic acid, 4-tridec...	294	C18H30O3	1000280-63-5	43
3	1-Cyclohexyl-1-pentanol	170	C11H22O	093548-33-5	38
4	Furan, tetrahydro-2,5-dipropyl-	156	C10H20O	004457-62-9	38
5	2-Furancarboxylic acid, 2-tetrad...	308	C19H32O3	1000280-63-7	37





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Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

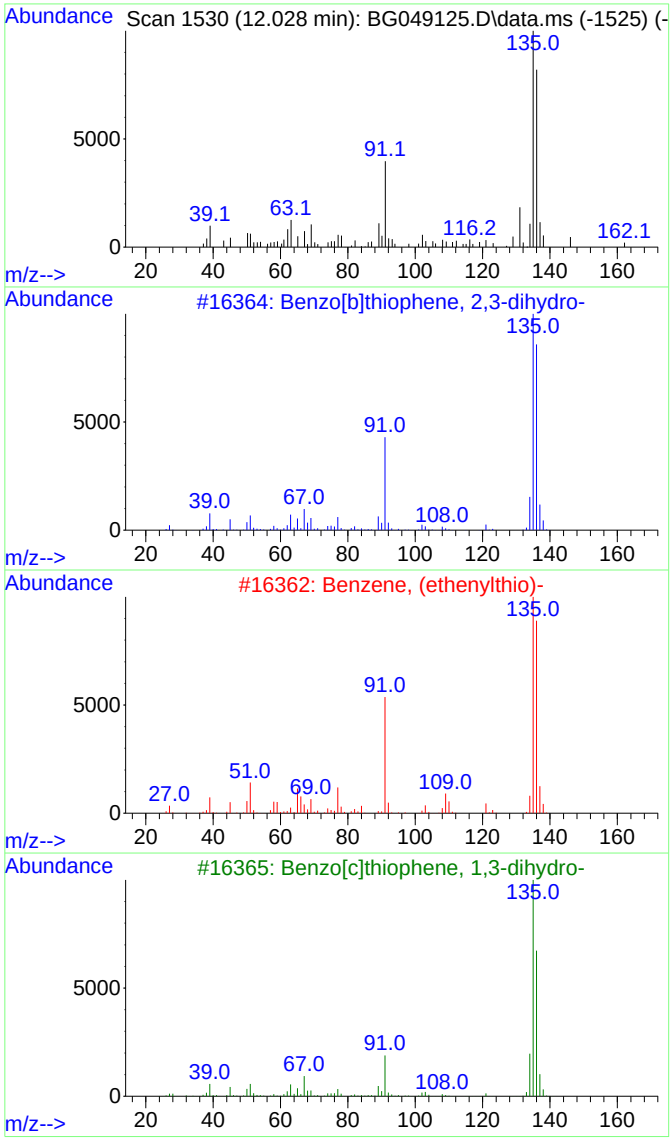
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

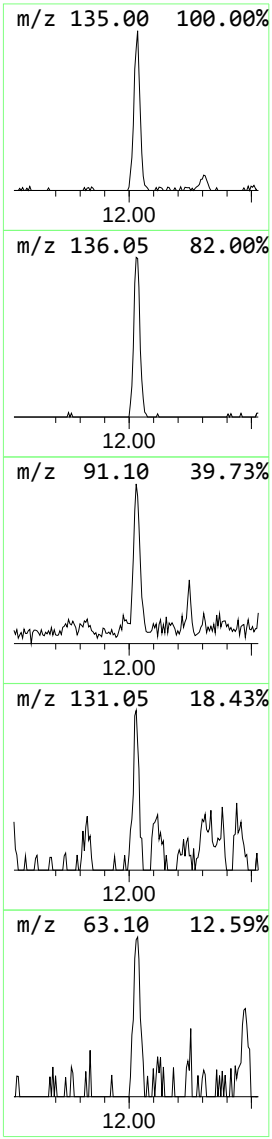
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	7.11 ng	103464	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
2	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
4	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	64
5	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	64





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Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

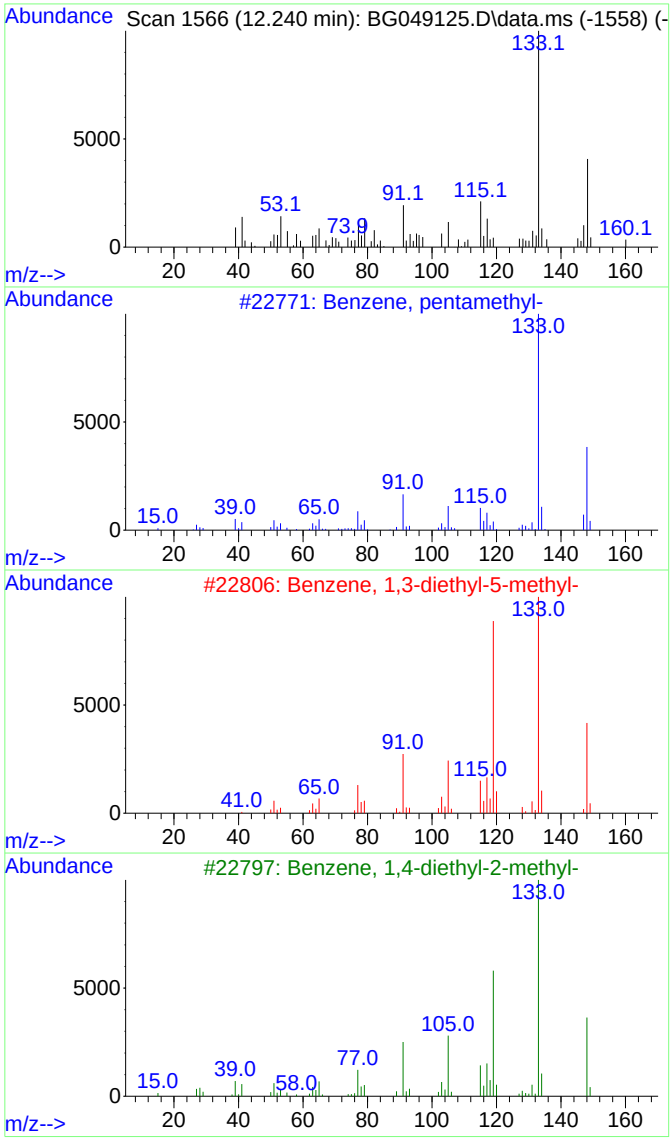
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

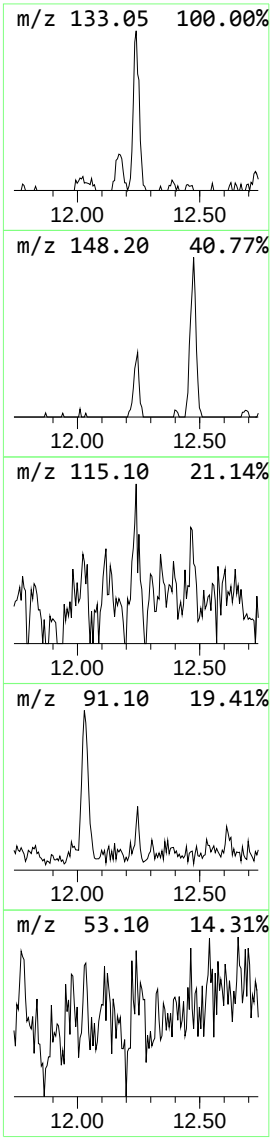
****

Peak Number 10 Benzene, pentamethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.240	4.03 ng	58625	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	93
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	74
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	74
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	68
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64





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Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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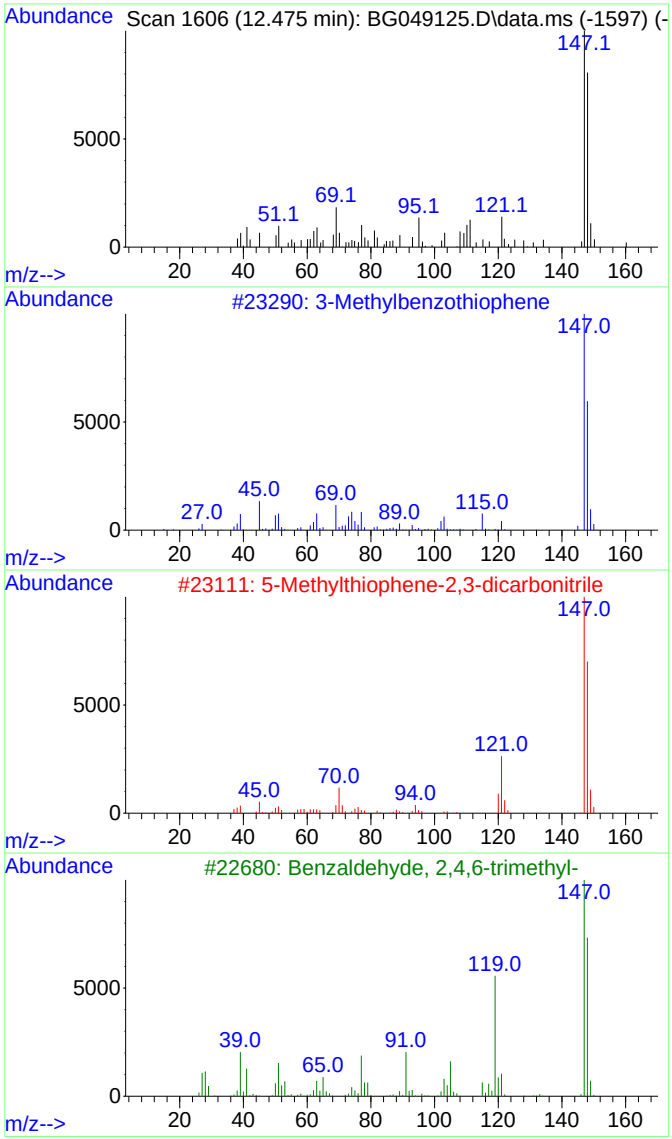
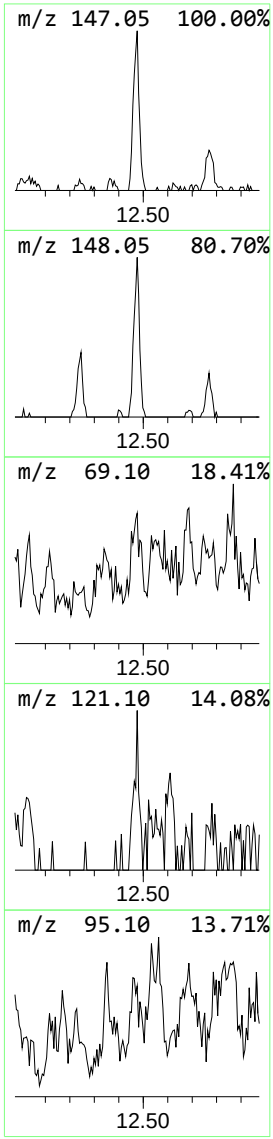
Peak Number 11 3-Methylbenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.475	6.24 ng	90761	Naphthalene-d8	10.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	72
2	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	72
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	64
4	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	64
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64





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Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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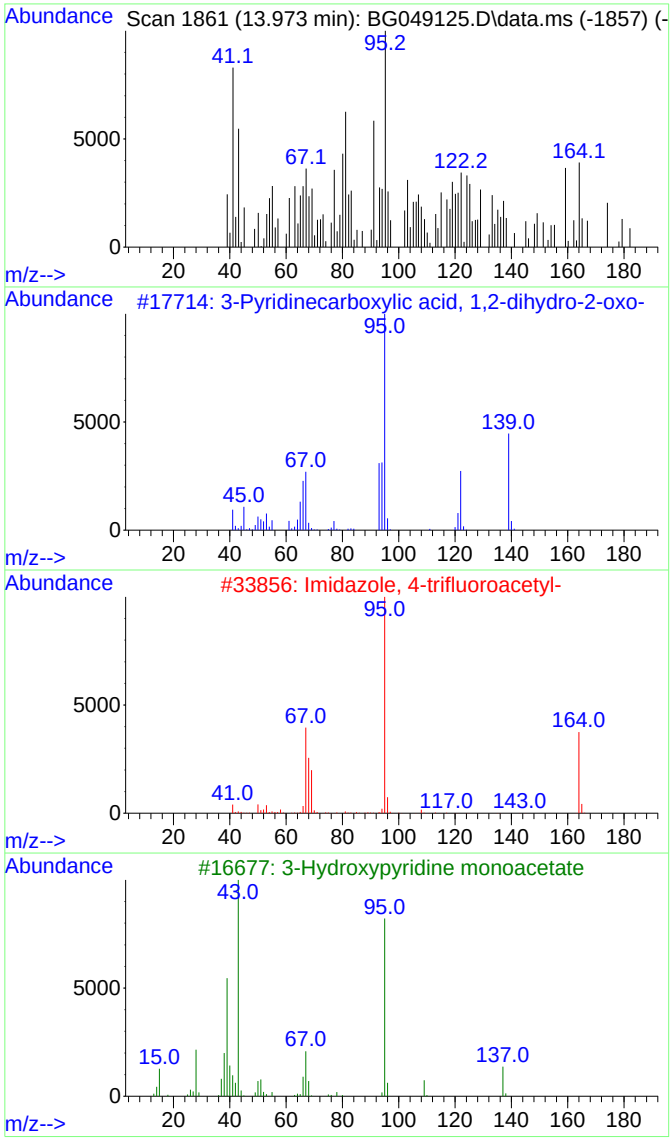
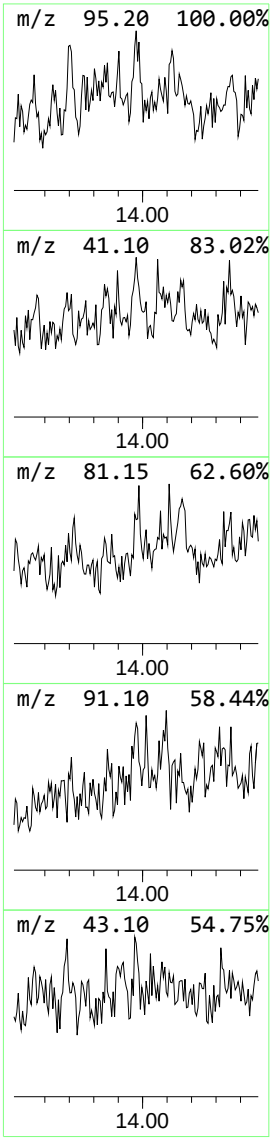
Peak Number 12 unknown13.973 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.973	3.13 ng	66960	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinecarboxylic acid, 1,2-d...	139	C6H5NO3	000609-71-2	35
2	Imidazole, 4-trifluoroacetyl-	164	C5H3F3N2O	105480-28-2	22
3	3-Hydroxypyridine monoacetate	137	C7H7NO2	017747-43-2	18
4	4,7-Methano-1H-indene, octahydro-	136	C10H16	006004-38-2	14
5	Phosphoramidic acid, dimethyl ester	125	C2H8NO3P	002697-42-9	14





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Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

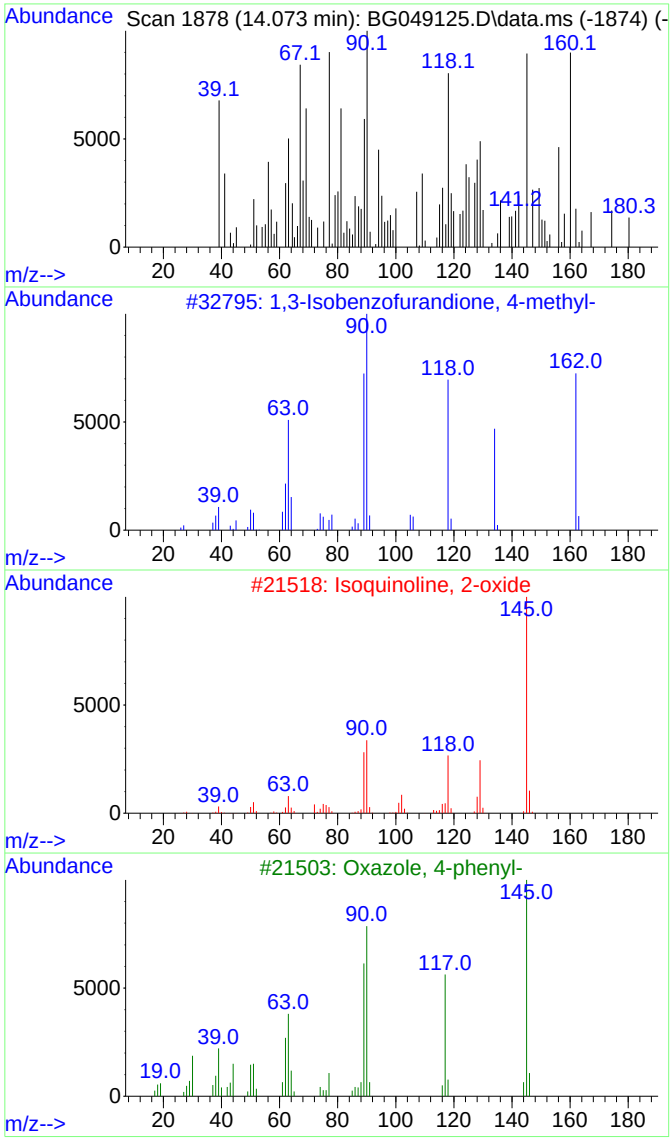
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

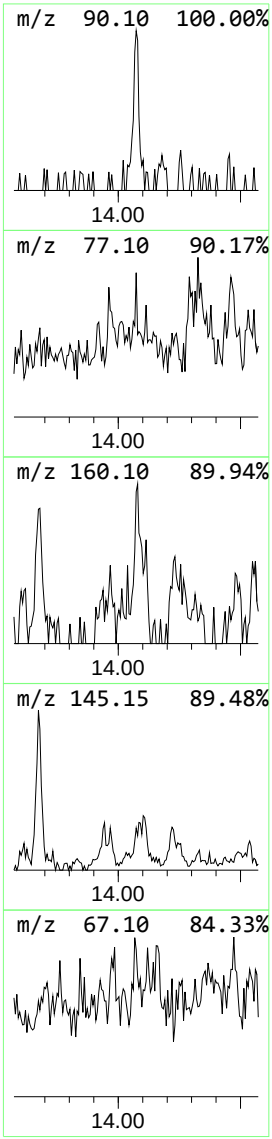
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,3-Isobenzofurandione, 4-m... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.073	2.93 ng	62650	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 4-methyl-	162	C9H6O3	004792-30-7	58
2	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	55
3	Oxazole, 4-phenyl-	145	C9H7NO	020662-89-9	52
4	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	43
5	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	40





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Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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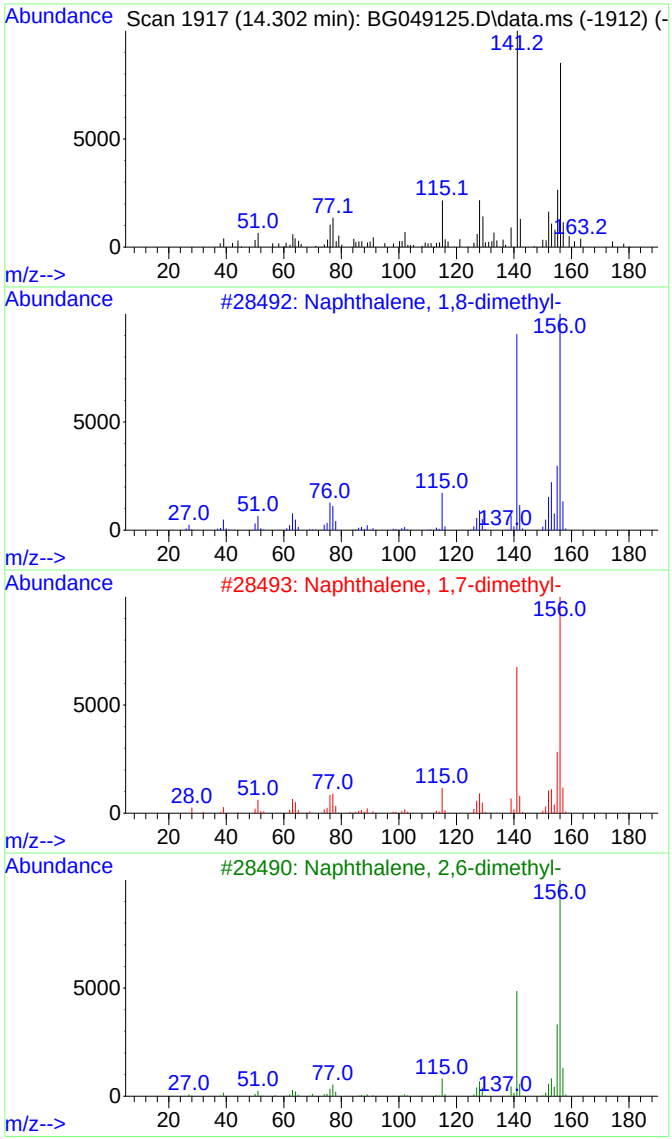
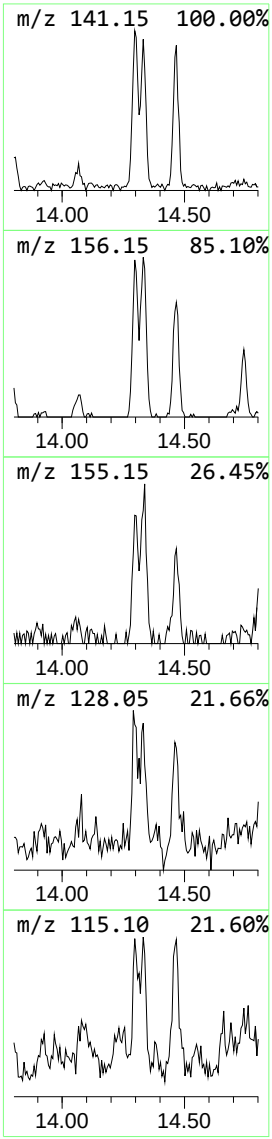
Peak Number 14 Naphthalene, 1,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.302	3.07 ng	65696	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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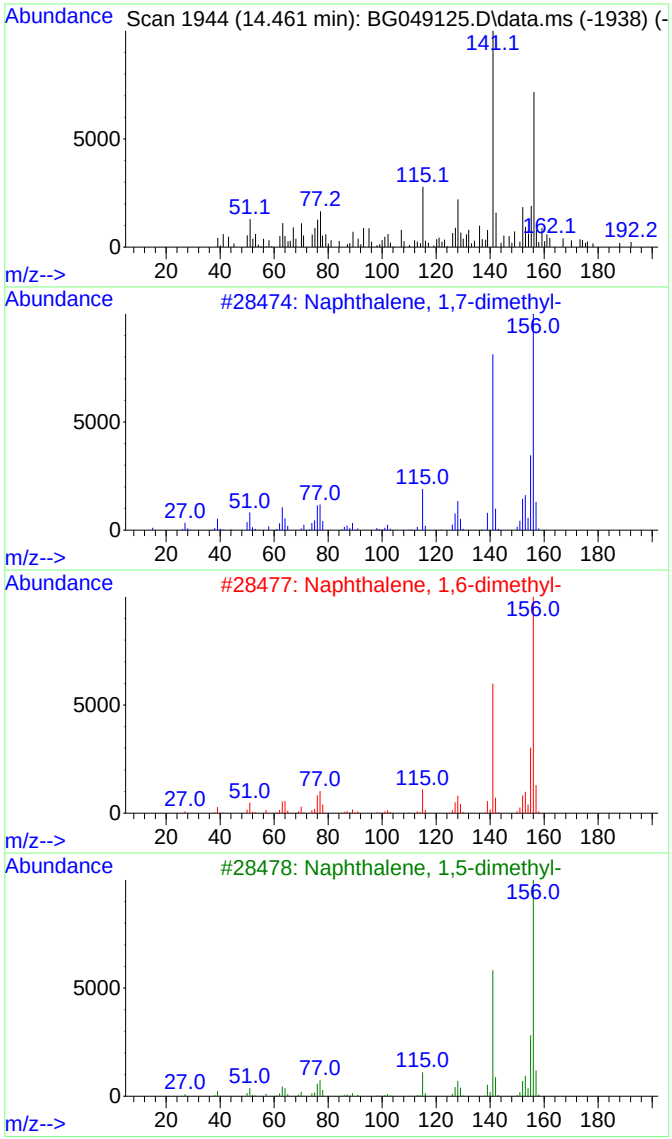
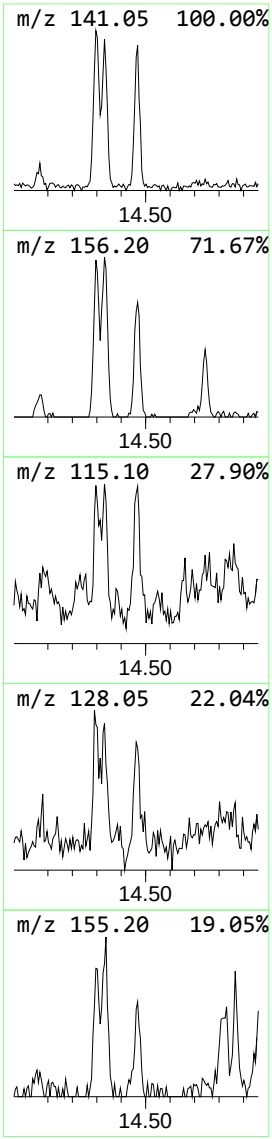
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.461	5.61 ng	120174	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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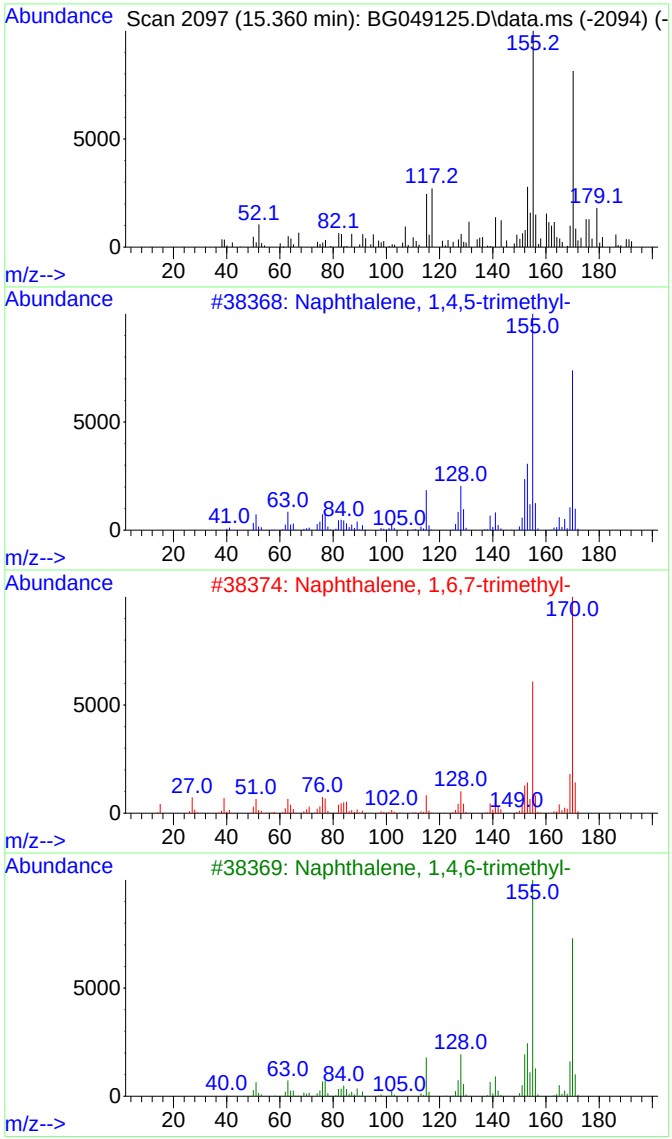
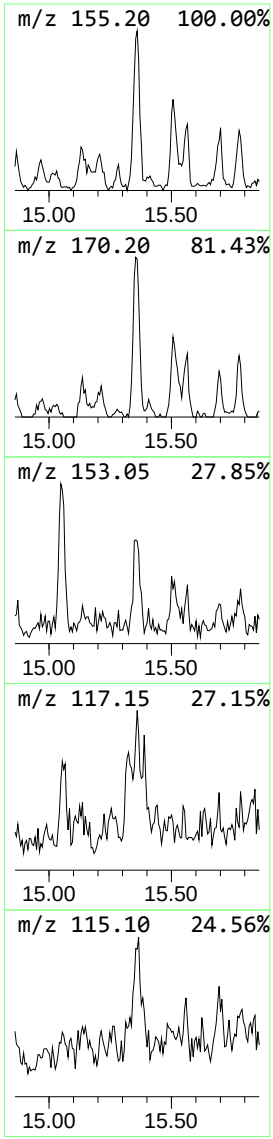
Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.360	6.97 ng	149194	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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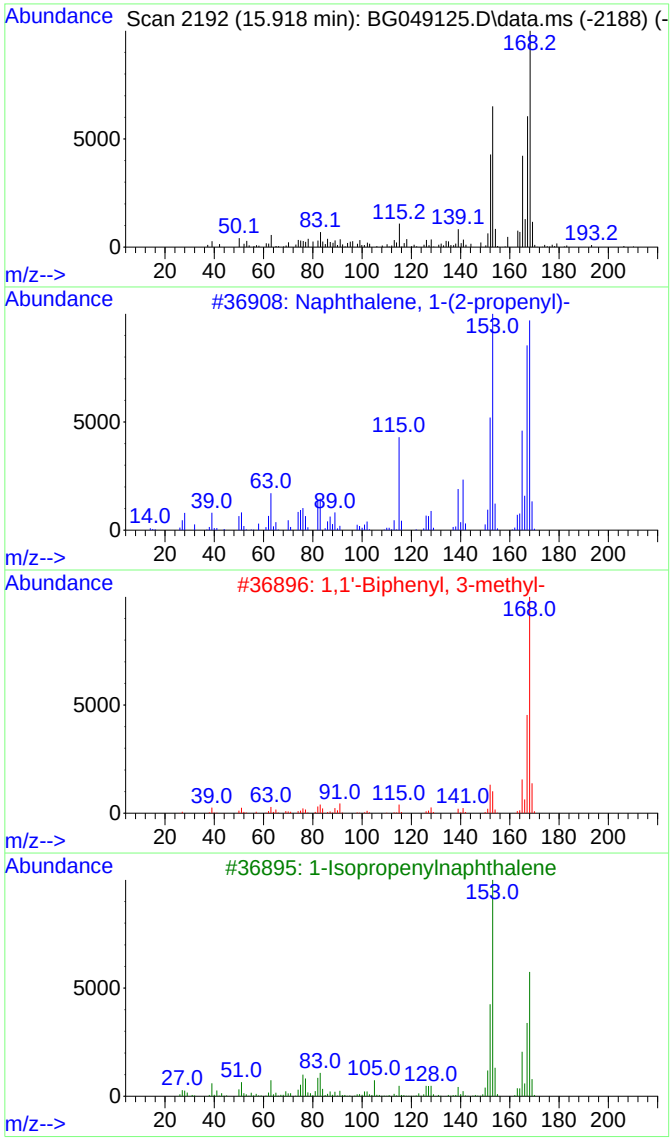
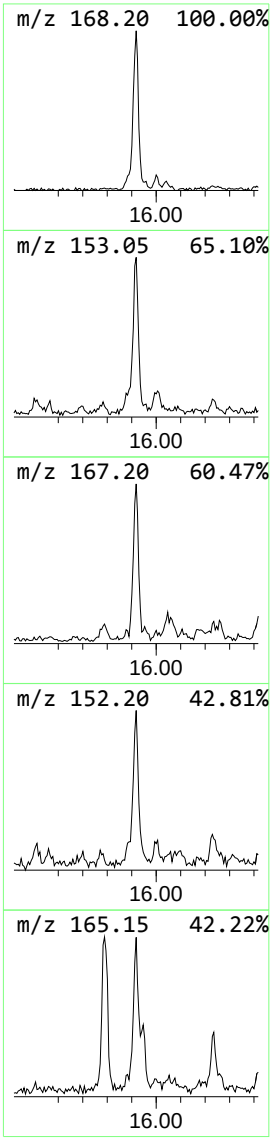
Peak Number 17 Naphthalene, 1-(2-propenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.918	6.19 ng	132485	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	89
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	68
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

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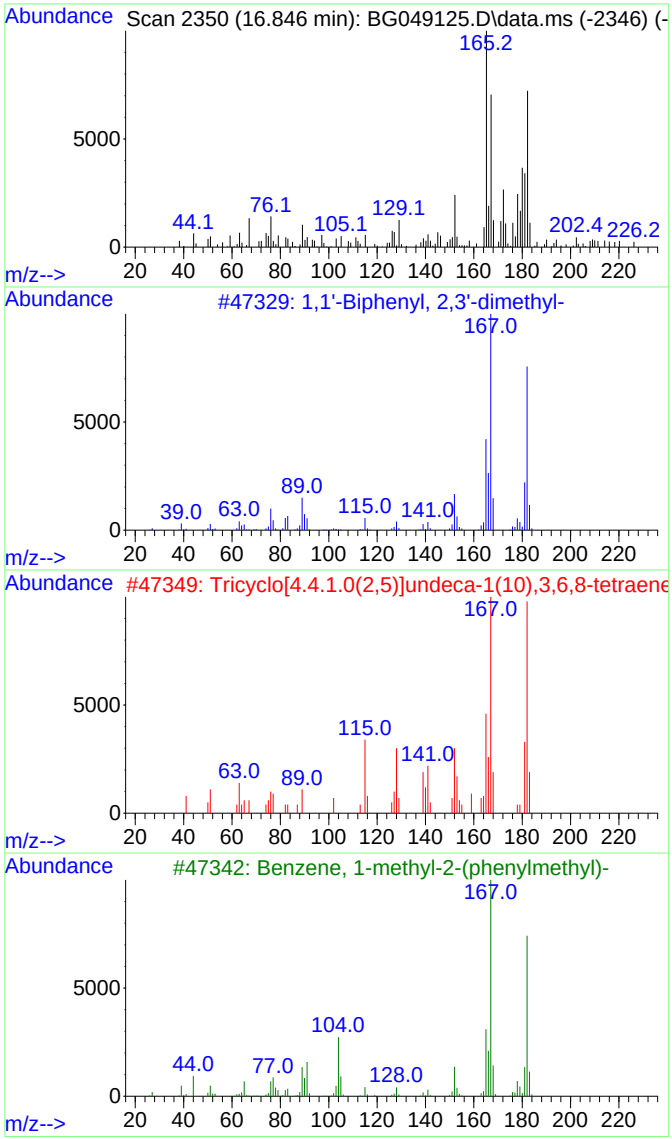
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

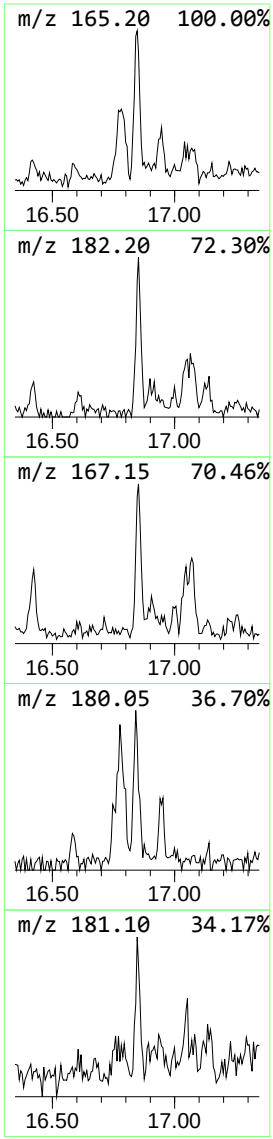
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.846	2.95 ng	71773	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	50
2	Tricyclo[4.4.1.0(2,5)]undeca-1(1...	182	C14H14	055836-29-8	46
3	Benzene, 1-methyl-2-(phenylmethyl)-	182	C14H14	000713-36-0	45
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
5	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	43





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

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

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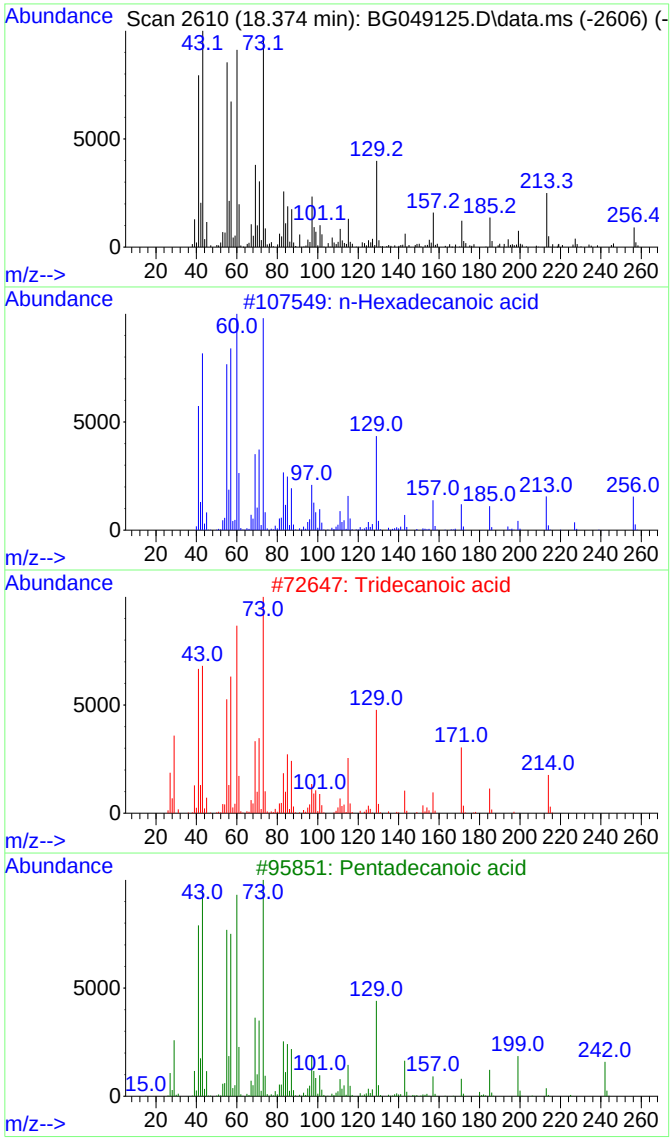
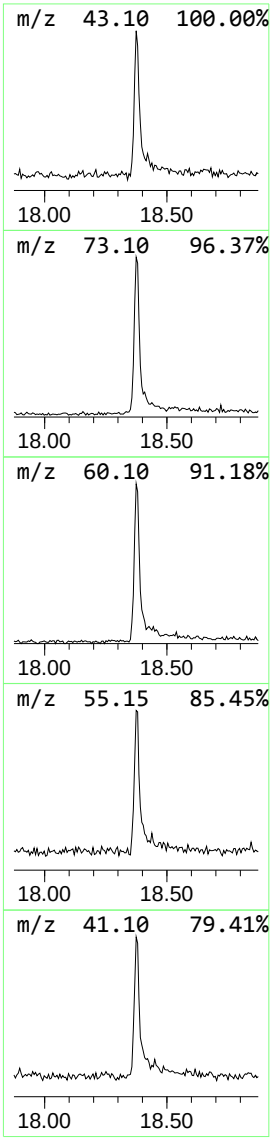
Peak Number 19 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	17.77 ng	432217	Phenanthrene-d10	17.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ERM-19

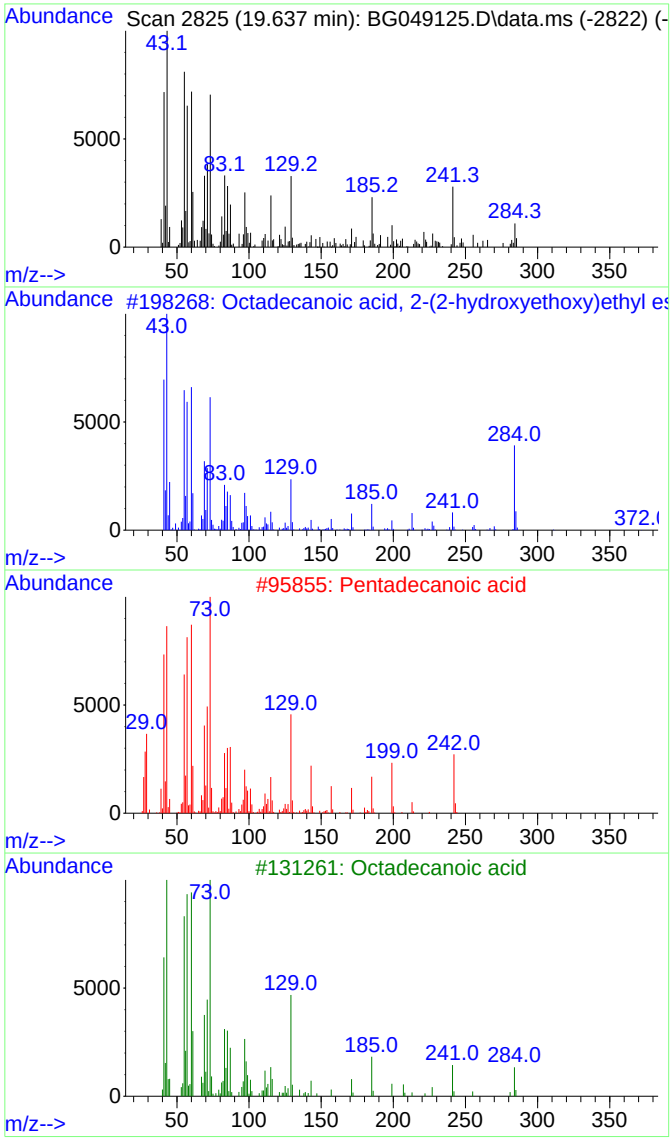
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

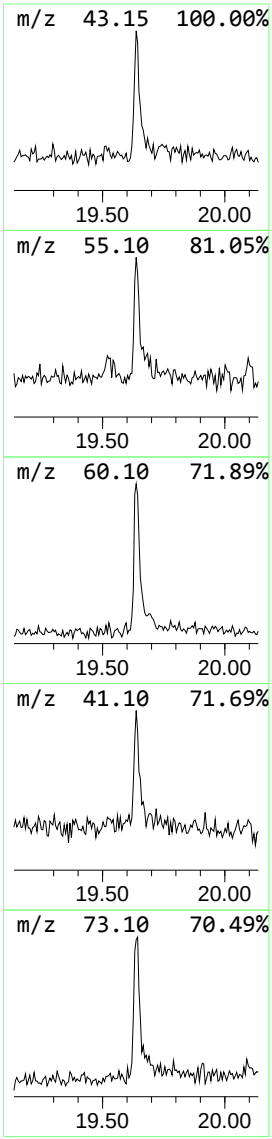
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Octadecanoic acid, 2-(2-hyd... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.637	5.57 ng	166600	Chrysene-d12	21.776

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	60
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049125.D
Acq On : 28 Jun 2021 19:04
Operator : CG/JU
Sample : M2828-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ERM-19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.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
Cyclohexane	3.151	25.1	ng	250903	1	8.104	199636	20.0
Butane, 2-metho...	3.227	9.4	ng	94143	1	8.104	199636	20.0
2-Pentanone, 4-...	5.184	4.0	ng	40457	1	8.104	199636	20.0
unknown10.636	10.636	3.5	ng	51217	2	10.924	290977	20.0
Ethanol, 2-(2-b...	10.689	3.0	ng	43237	2	10.924	290977	20.0
unknown11.500	11.500	2.9	ng	42124	2	10.924	290977	20.0
unknown11.770	11.770	2.8	ng	41243	2	10.924	290977	20.0
unknown11.981	11.981	2.7	ng	39164	2	10.924	290977	20.0
Benzo[b]thiophe...	12.028	7.1	ng	103464	2	10.924	290977	20.0
Benzene, pentam...	12.240	4.0	ng	58625	2	10.924	290977	20.0
3-Methylbenzoth...	12.475	6.2	ng	90761	2	10.924	290977	20.0
unknown13.973	13.973	3.1	ng	66960	3	14.743	428047	20.0
1,3-Isobenzofur...	14.073	2.9	ng	62650	3	14.743	428047	20.0
Naphthalene, 1,...	14.302	3.1	ng	65696	3	14.743	428047	20.0
Naphthalene, 1,...	14.461	5.6	ng	120174	3	14.743	428047	20.0
Naphthalene, 1,...	15.360	7.0	ng	149194	3	14.743	428047	20.0
Naphthalene, 1-...	15.918	6.2	ng	132485	3	14.743	428047	20.0
1,1'-Biphenyl, ...	16.846	3.0	ng	71773	4	17.493	486346	20.0
n-Hexadecanoic ...	18.374	17.8	ng	432217	4	17.493	486346	20.0
Octadecanoic ac...	19.637	5.6	ng	166600	5	21.776	597899	20.0