LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
Data File : BG052813.D
Acq On : 24 Mar 2022 17:43
Operator : CG/JU
Sample : N2090-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-49

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.702	387	394	404	rVB	257354	429848	16.71%	4.056%
2	7.288	656	664	676	rBV	178252	320816	12.47%	3.027%
3	8.140	803	809	815	rBV	117573	208503	8.11%	1.967%
4	9.303	999	1007	1015	rBV	390134	721528	28.05%	6.808%
5	10.954	1281	1288	1295	rBV	161383	300050	11.66%	2.831%
6	13.391	1696	1703	1710	rBV	1018944	1639766	63.74%	15.471%
7	14.560	1897	1902	1912	rBV	44812	77286	3.00%	0.729%
8	14.760	1930	1936	1943	rVB	247723	408886	15.90%	3.858%
9	15.395	2036	2044	2051	rBV	25491	74535	2.90%	0.703%
10	15.553	2069	2071	2076	rVB5	18892	27461	1.07%	0.259%
11	16.017	2143	2150	2154	rBV9	21396	49805	1.94%	0.470%
12	16.105	2160	2165	2176	rBV2	72234	146228	5.68%	1.380%
13	16.246	2182	2189	2203	rBV	905065	1458321	56.69%	13.759%
14	17.504	2397	2403	2410	rBV	334419	527321	20.50%	4.975%
15	17.774	2447	2449	2457	rBV8	14439	35978	1.40%	0.339%
16	18.391	2550	2554	2560	rBV2	86753	125847	4.89%	1.187%
17	20.112	2841	2847	2854	rVB	1878438	2572417	100.00%	24.271%
18	21.428	3067	3071	3076	rVB3	67856	96632	3.76%	0.912%
19	21.792	3127	3133	3140	rVB2	375458	669515	26.03%	6.317%
20	22.326	3222	3224	3232	rVB9	25416	44376	1.73%	0.419%
21	25.105	3688	3697	3708	rVB2	231924	663766	25.80%	6.263%

Sum of corrected areas: 10598885

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ClientSampleId :
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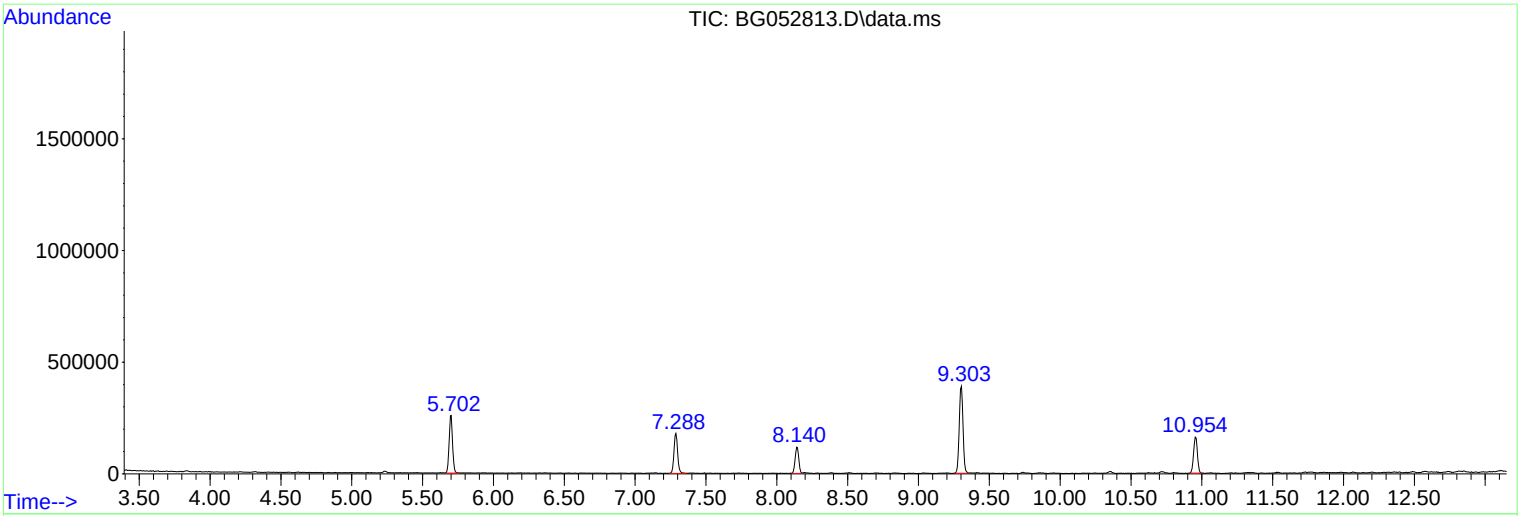
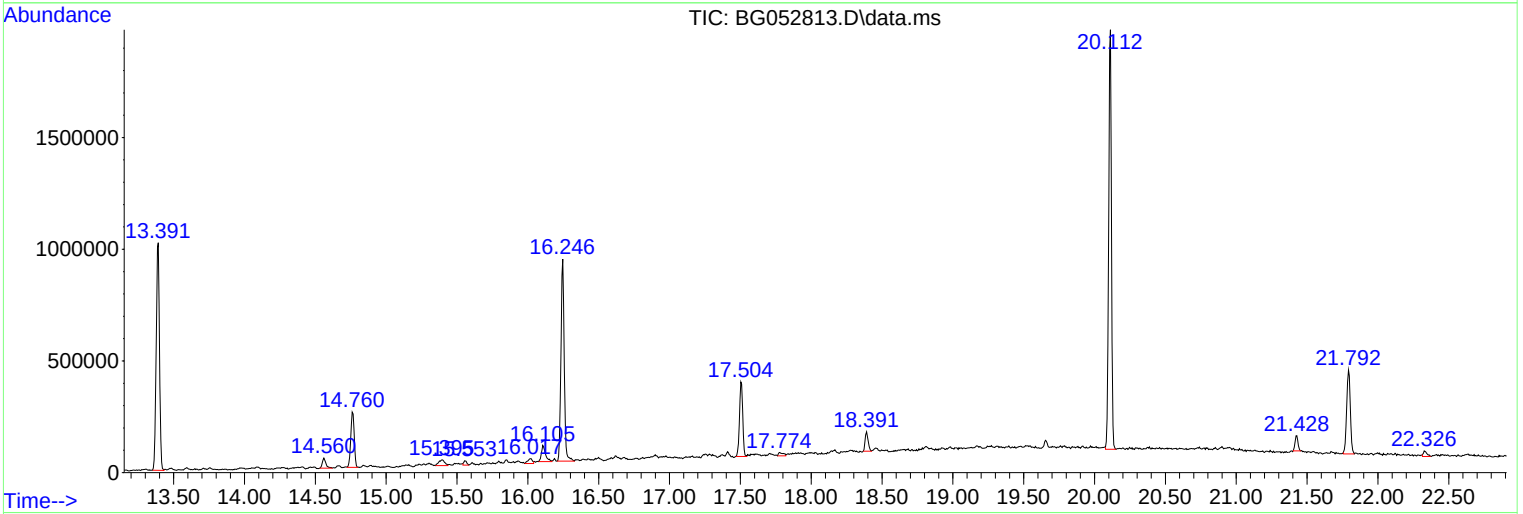
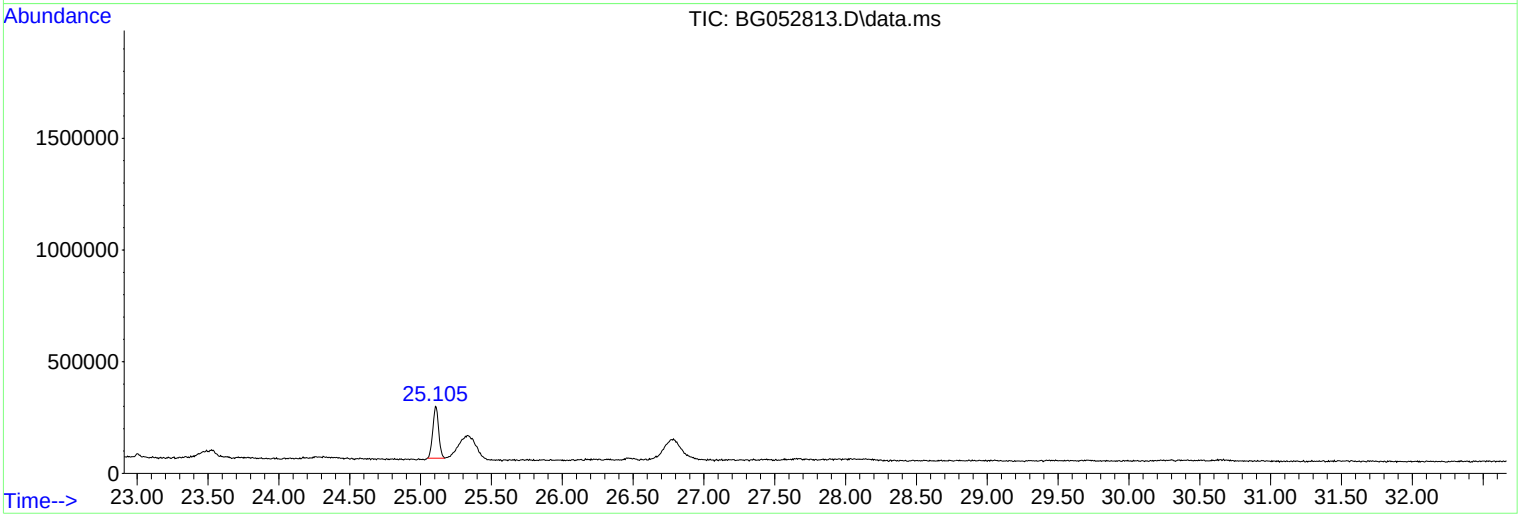
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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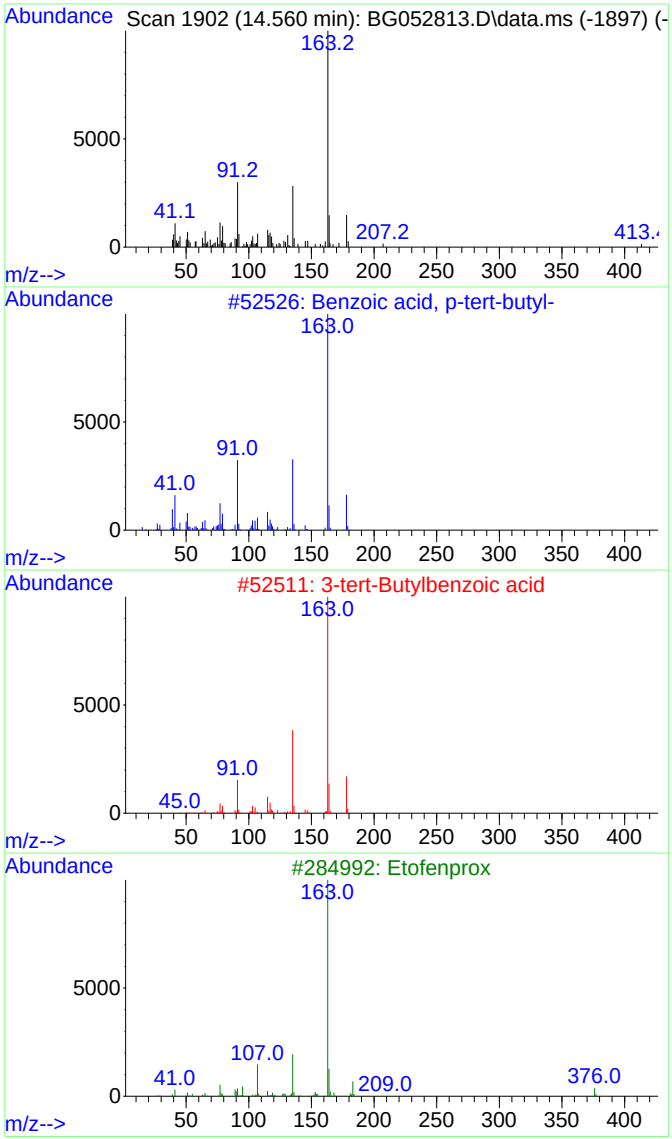
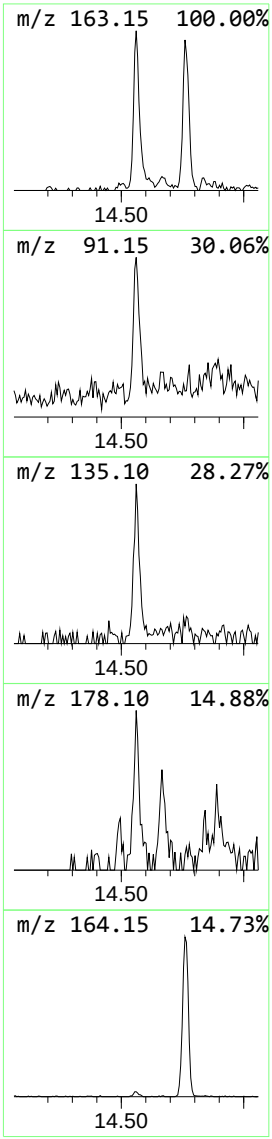
****

Peak Number 1 Benzoic acid, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.560	3.78 ng	77286	Acenaphthene-d10	14.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	95
2	3-tert-Butylbenzoic acid	178	C11H14O2	007498-54-6	90
3	Etofenprox	376	C25H28O3	080844-07-1	64
4	4-tert-Butyl-2,6-dimethylphenol	178	C12H18O	000879-97-0	64
5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	64





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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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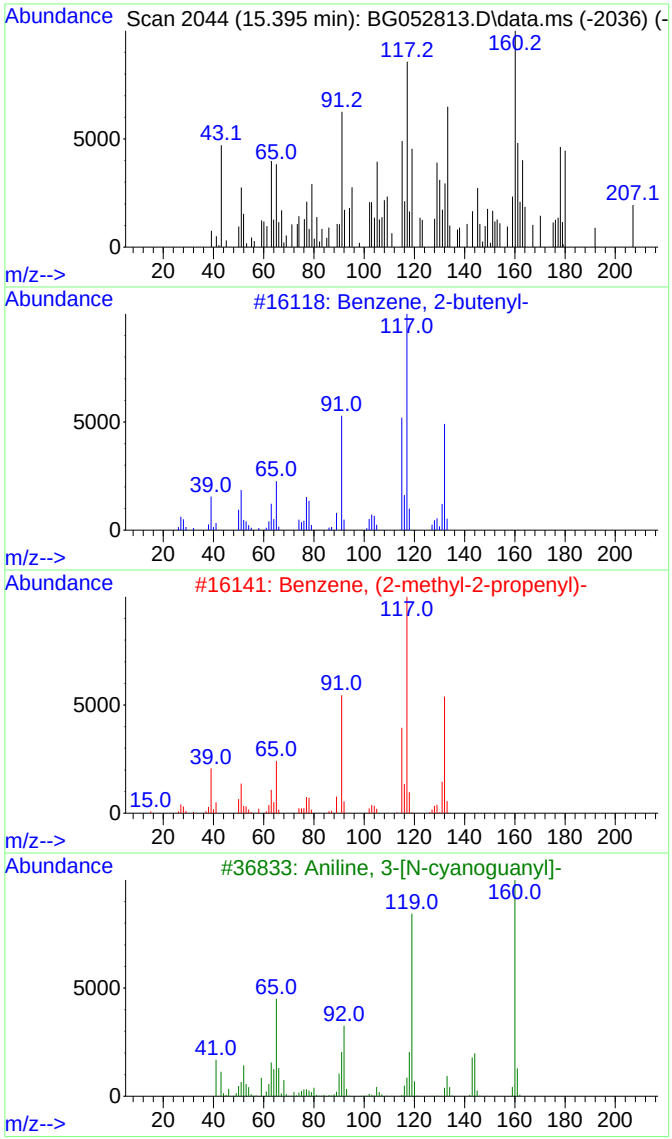
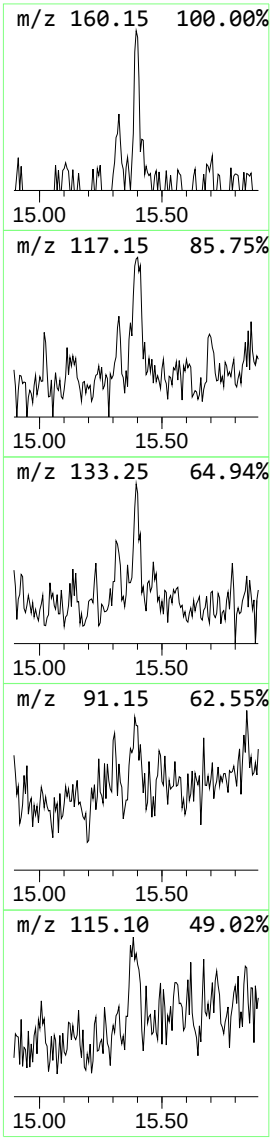
Peak Number 2 unknown15.395 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.395	3.65 ng	74535	Acenaphthene-d10	14.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	30
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	25
3	Aniline, 3-[N-cyanoguanyl]-	160	C8H8N4	1000211-44-0	25
4	1,8,10,12-Tetraazatricyclo[7.3.0...	160	C8H8N4	007221-69-4	22
5	Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	20





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Sample : N2090-04
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Instrument :
BNA_G
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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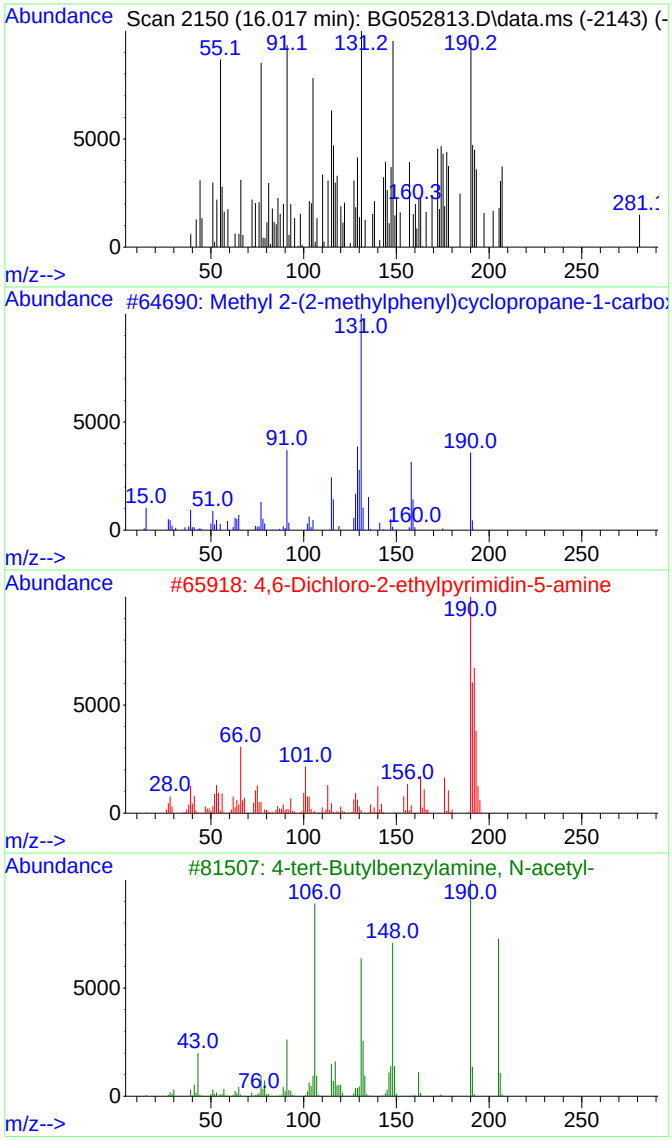
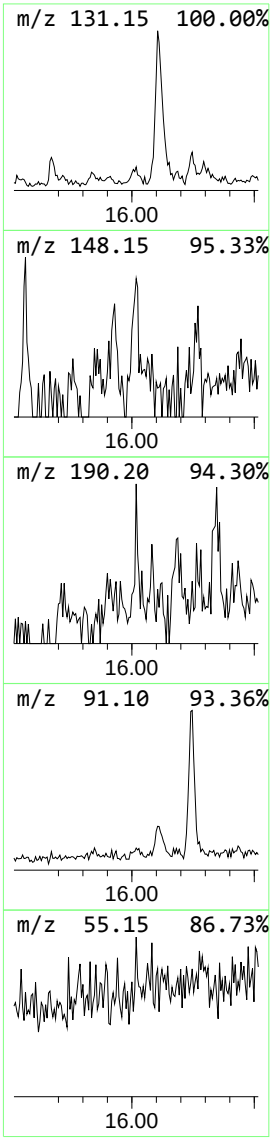
Peak Number 3 unknown16.017 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.017	2.44 ng	49805	Acenaphthene-d10	14.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2-(2-methylphenyl)cyclopr...	190	C12H14O2	1000445-14-1	35
2	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	35
3	4-tert-Butylbenzylamine, N-acetyl-	205	C13H19NO	942433-35-4	27
4	Piperazine, 1-(2,3-dimethylphenyl)-	190	C12H18N2	001013-22-5	25
5	1-(2-methylbenzyl)piperazine	190	C12H18N2	1000455-23-3	20





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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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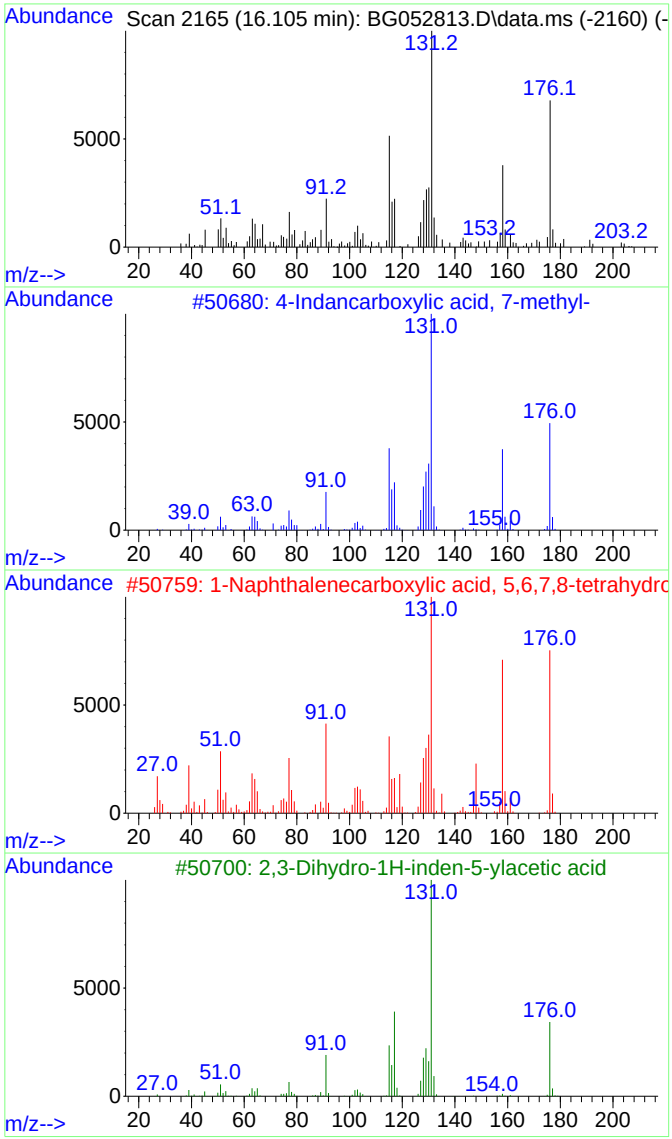
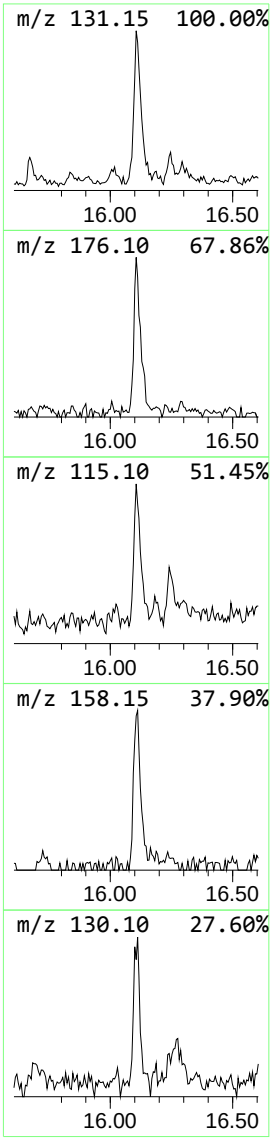
****
Peak Number 4 4-Indancarboxylic acid, 7-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.105	7.15 ng	146228	Acenaphthene-d10	14.760

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Indancarboxylic acid, 7-methyl-	176	C11H12O2	071042-74-5	97
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	94
3	2,3-Dihydro-1H-inden-5-ylacetic ...	176	C11H12O2	005453-98-5	68
4	1-(p-Tolyl)cyclopropanecarboxyli...	176	C11H12O2	083846-66-6	46
5	1,2,3,4-Tetrahydro-1-naphthalene...	206	C12H14OS	1000470-19-5	43





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TIC Library : C:\Database\NIST20.L
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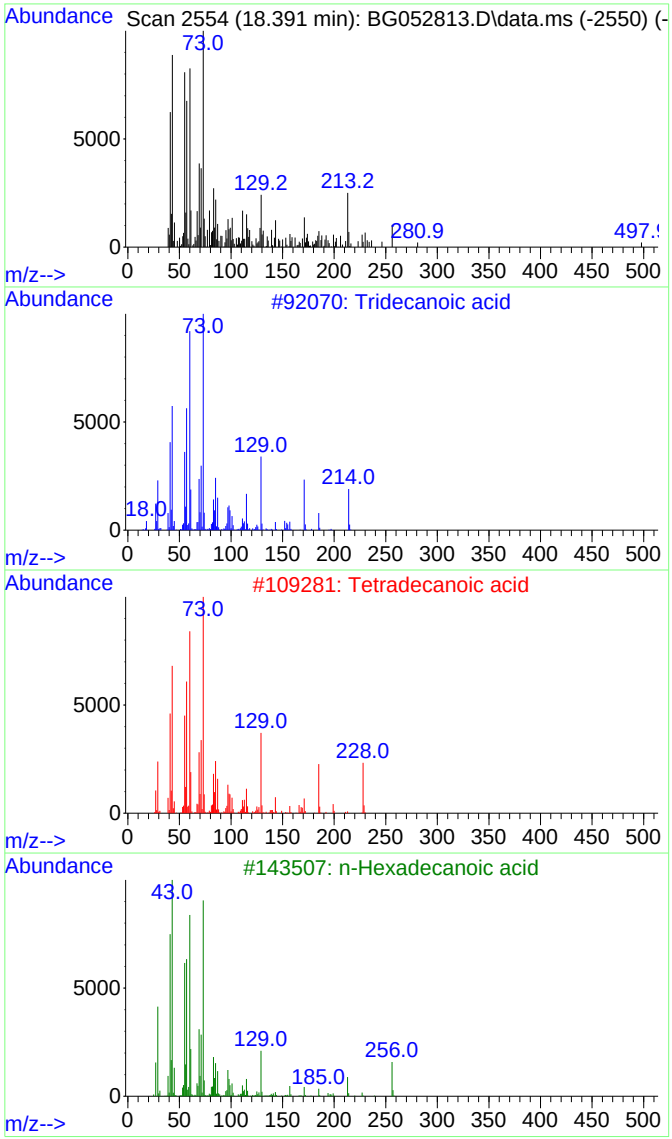
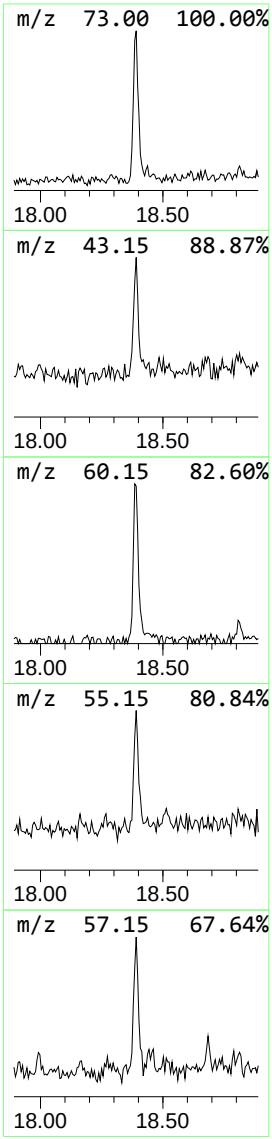
****

Peak Number 5 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	4.77 ng	125847	Phenanthrene-d10	17.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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TIC Library : C:\Database\NIST20.L
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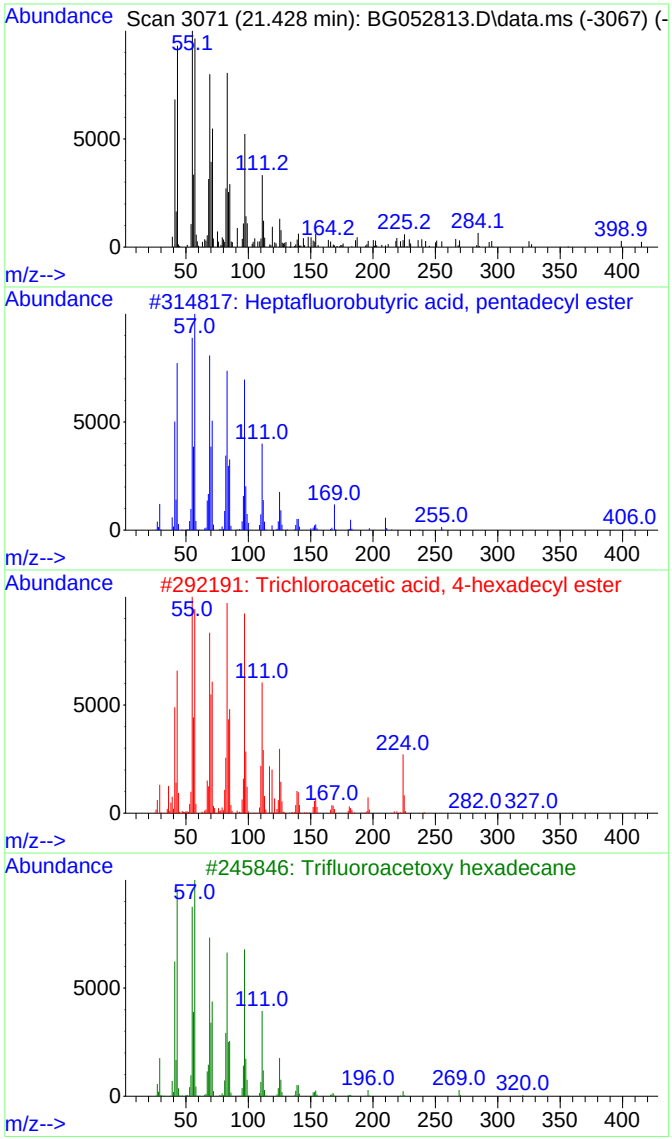
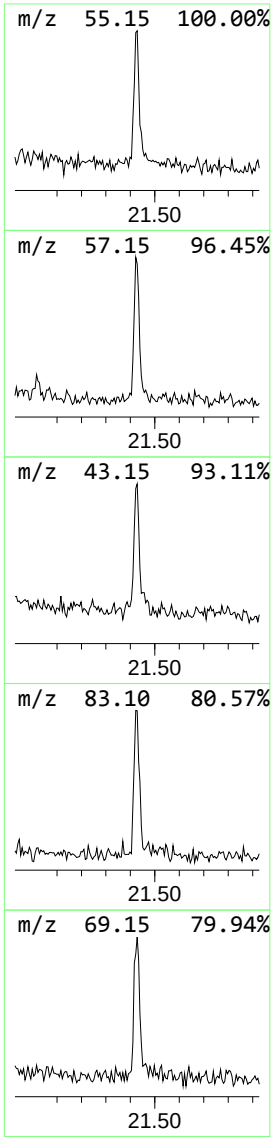
****
Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	2.89 ng	96632	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptacos-1-ene	378	C27H54	015306-27-1	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzoic acid, p...	14.560	3.8	ng	77286	3	14.760	408886	20.0
unknown15.395	15.395	3.6	ng	74535	3	14.760	408886	20.0
unknown16.017	16.017	2.4	ng	49805	3	14.760	408886	20.0
4-Indancarboxyl...	16.105	7.2	ng	146228	3	14.760	408886	20.0
Tridecanoic acid	18.390	4.8	ng	125847	4	17.503	527321	20.0
Heptafluorobuty...	21.428	2.9	ng	96632	5	21.792	669515	20.0