LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041369.D
Acq On : 20 Jun 2019 22:48
Operator : HP/JU
Sample : K3419-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B

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-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.147	5	10	19	rVB	181558	252840	11.34%	1.507%
2	4.615	256	260	264	rVB	22185	30259	1.36%	0.180%
3	5.620	424	431	449	rVB	850016	1377456	61.78%	8.209%
4	7.124	682	687	694	rBV2	15266	24910	1.12%	0.148%
5	7.242	699	707	724	rVB	929790	1640949	73.60%	9.779%
6	7.612	762	770	782	rBV	945029	1598990	71.71%	9.529%
7	8.082	844	850	862	rVB	169909	291957	13.09%	1.740%
8	8.405	897	905	915	rVB	681358	1169402	52.45%	6.969%
9	9.263	1043	1051	1062	rBV	581972	1065094	47.77%	6.347%
10	9.927	1157	1164	1171	rBV3	16254	45180	2.03%	0.269%
11	10.902	1323	1330	1342	rBV	219102	401326	18.00%	2.392%
12	13.341	1736	1745	1758	rBV	1445406	2216066	99.39%	13.206%
13	14.157	1875	1884	1893	rBV	126642	208809	9.36%	1.244%
14	14.445	1928	1933	1938	rBV3	19823	37157	1.67%	0.221%
15	14.721	1973	1980	1986	rBV2	328133	546294	24.50%	3.256%
16	15.385	2085	2093	2100	rVB3	18025	33327	1.49%	0.199%
17	16.208	2226	2233	2247	rBV	1218409	1890064	84.77%	11.264%
18	17.465	2441	2447	2453	rBV2	432839	648118	29.07%	3.862%
19	17.506	2453	2454	2461	rVB2	24665	27979	1.25%	0.167%
20	18.317	2587	2592	2600	rBV2	119487	195342	8.76%	1.164%
21	19.516	2792	2796	2800	rVB	42020	58995	2.65%	0.352%
22	19.580	2805	2807	2815	rVV9	34065	49188	2.21%	0.293%
23	19.874	2854	2857	2862	rVB	82535	111184	4.99%	0.663%
24	20.062	2883	2889	2895	rBV	1720828	2229681	100.00%	13.288%
25	21.742	3170	3175	3182	rBV2	351322	629656	28.24%	3.752%

Sum of corrected areas: 16780223

LSC Report - Integrated Chromatogram

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Misc :
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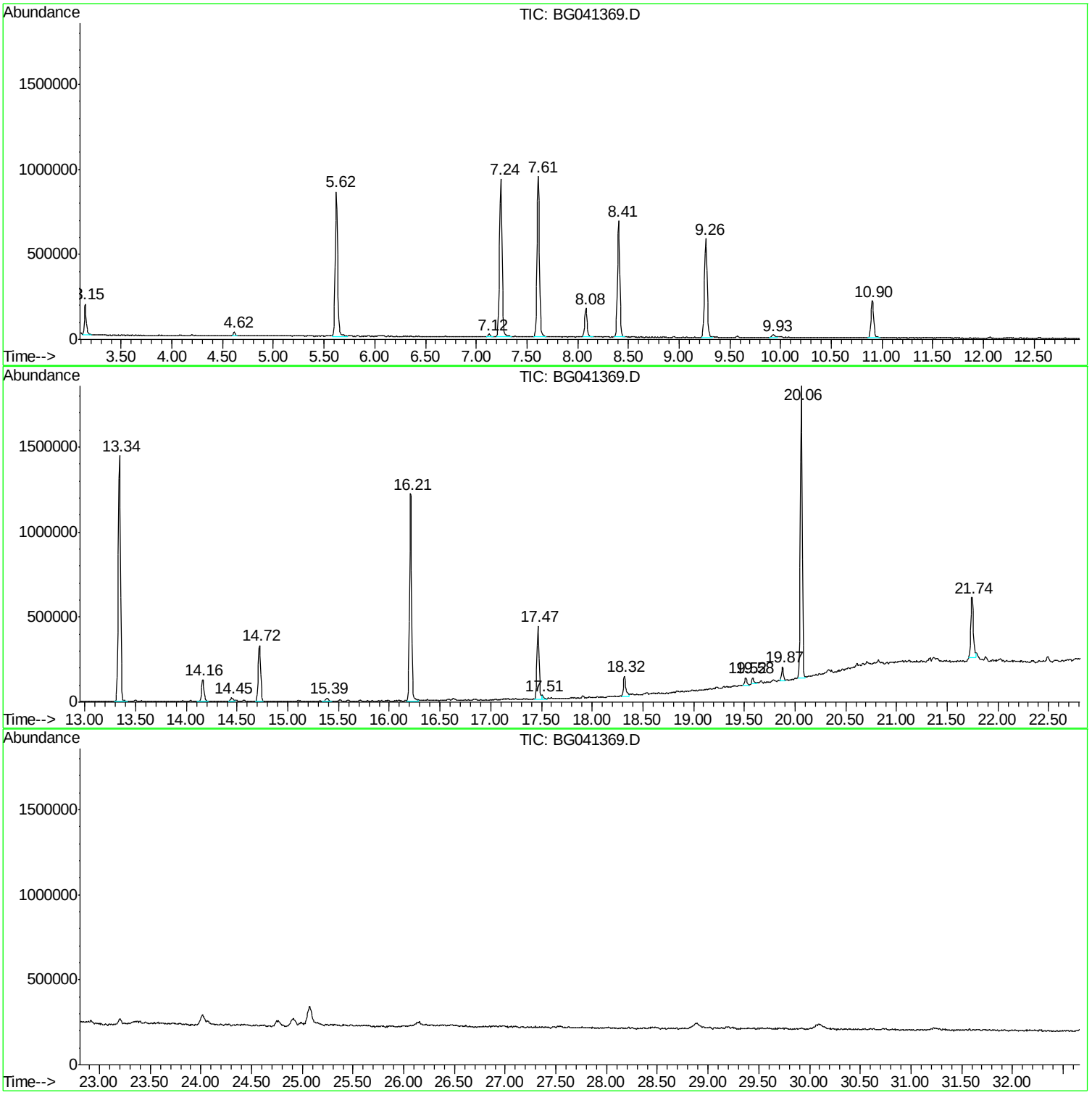
Instrument : BNA_G
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Acq On : 20 Jun 2019 22:48
Operator : HP/JU
Sample : K3419-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

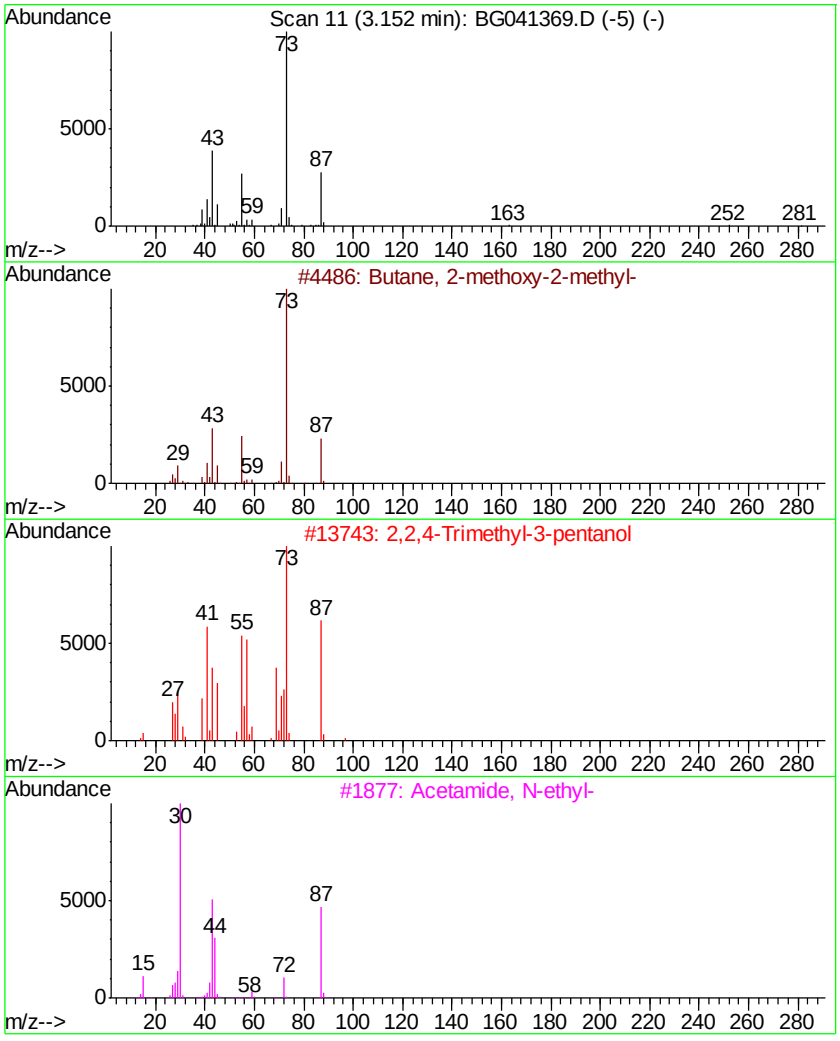
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

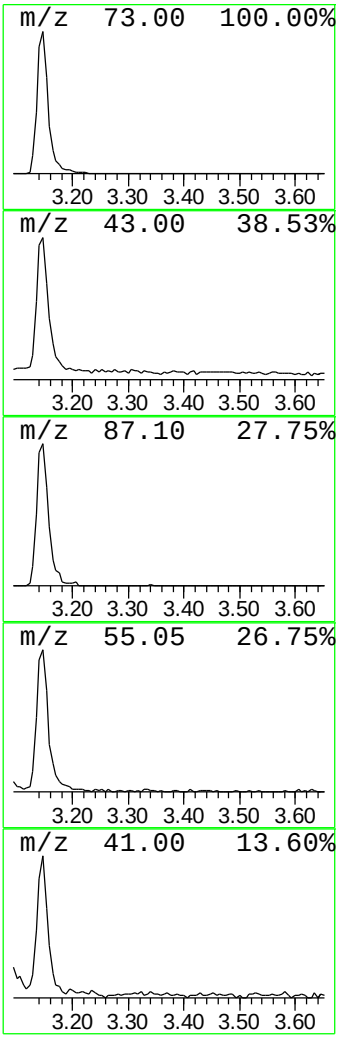
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	17.32 ng	252840	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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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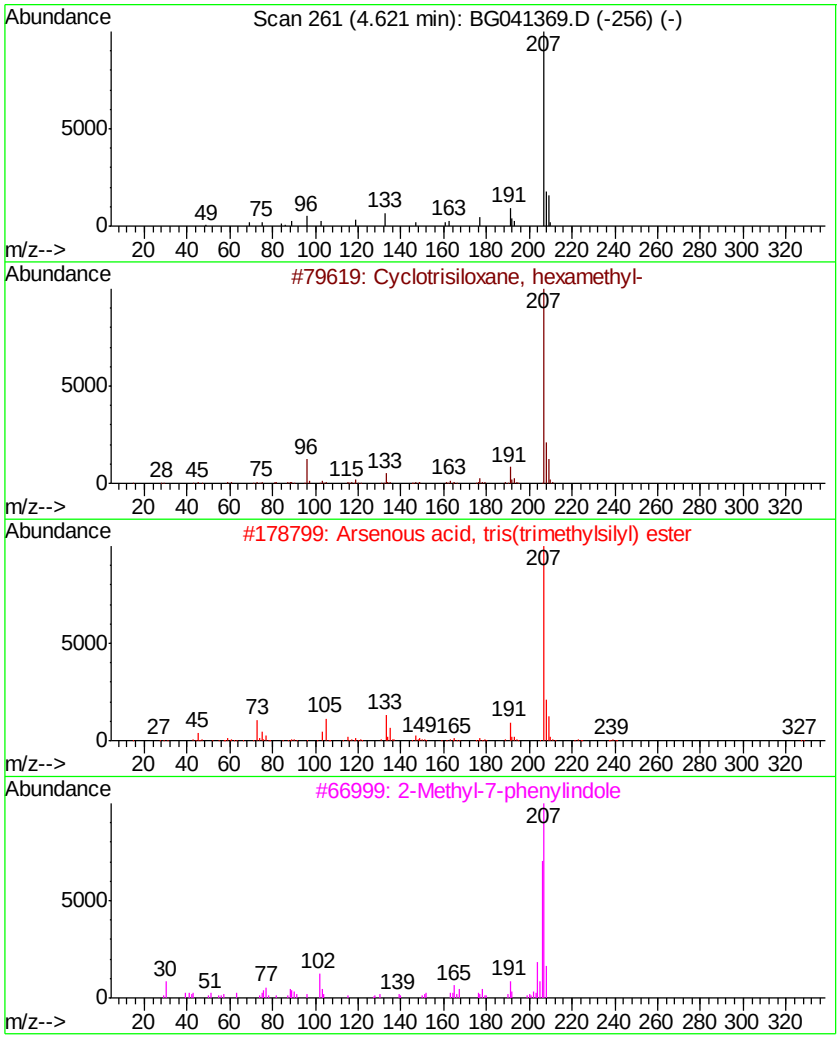
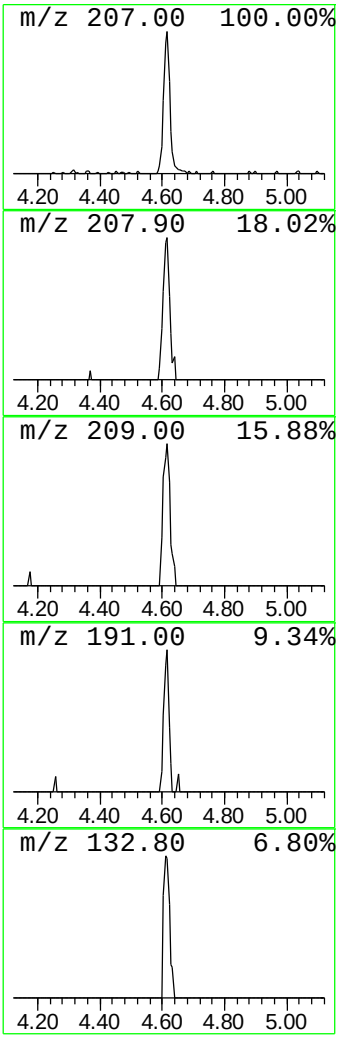
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.07 ng	30259	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	74
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	45
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	45
5	2-Ethylacridine	207	C15H13N	055751-83-2	38





Library Search Compound Report

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Operator : HP/JU
Sample : K3419-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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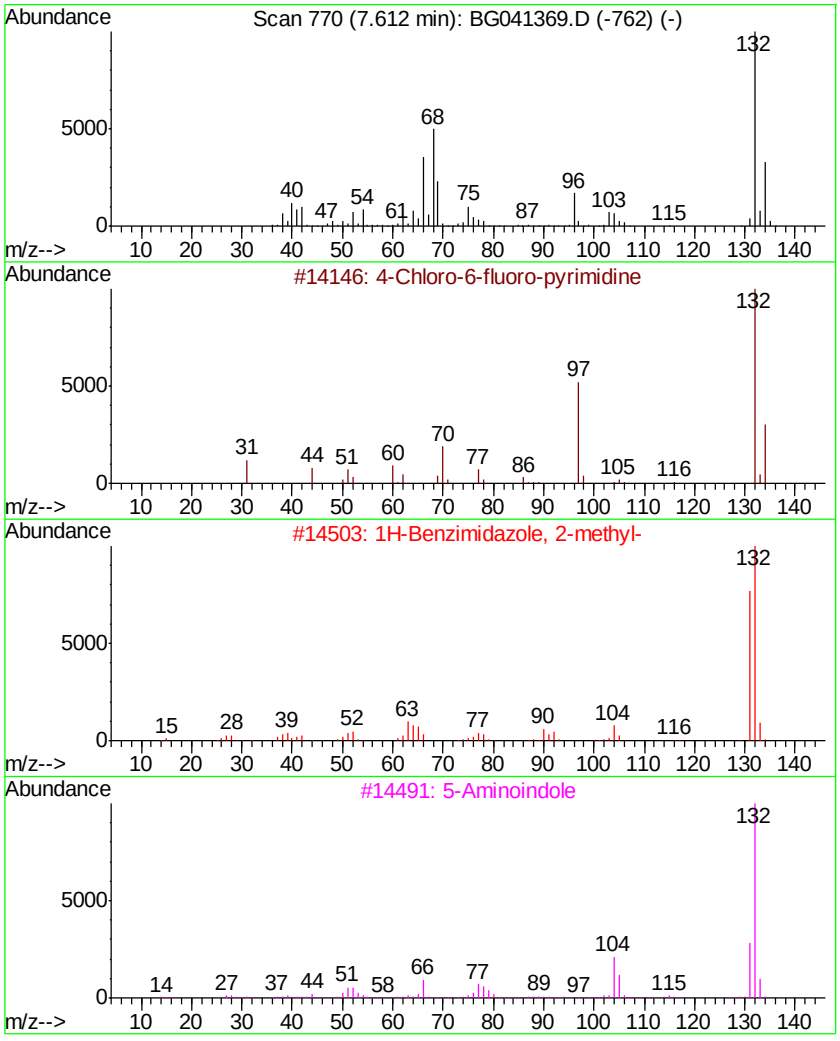
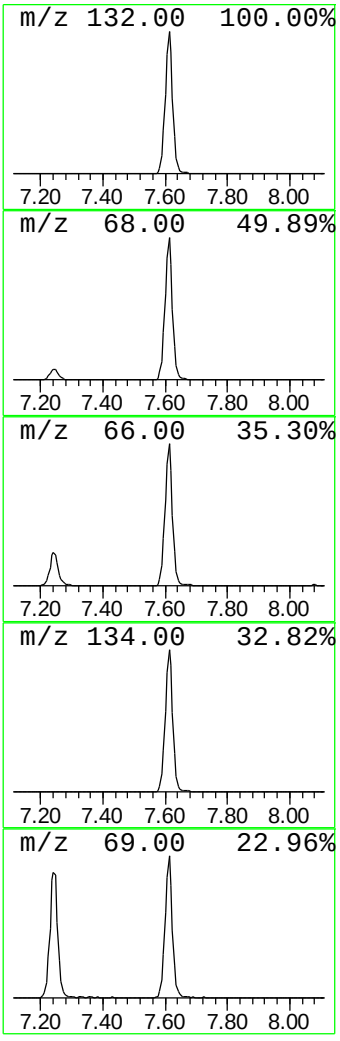
Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	109.54 ng	1598990	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	14





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Instrument : BNA_G
ClientSampleId : TP-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
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TIC Library : C:\Database\NIST11.L
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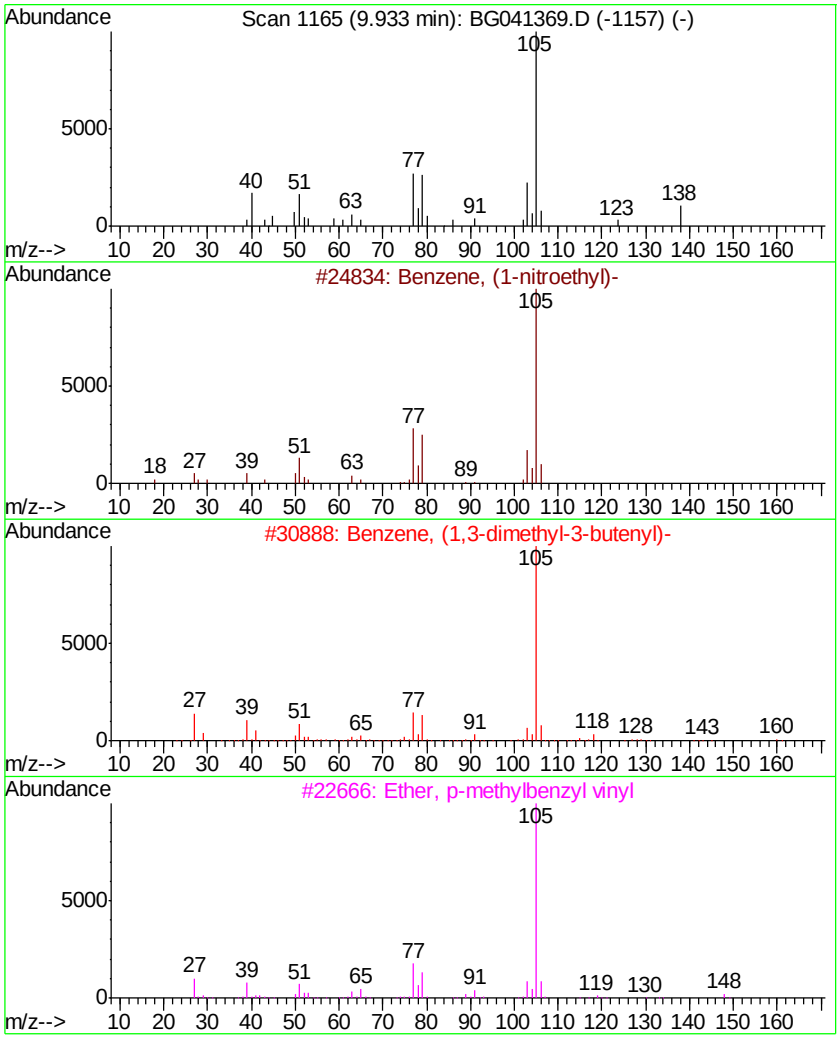
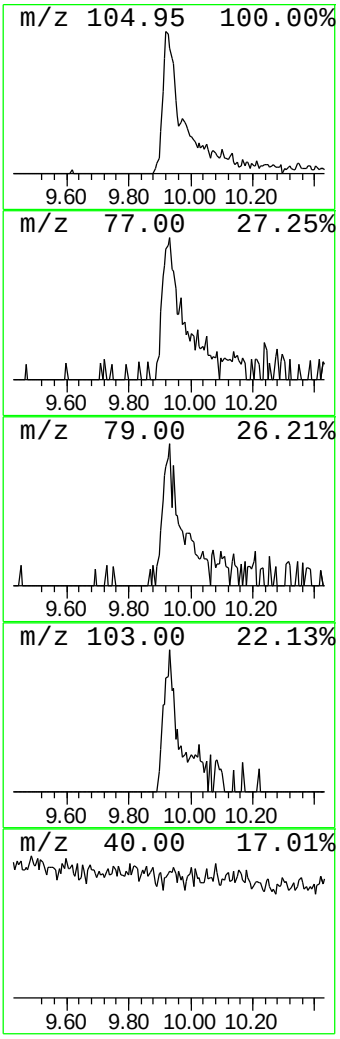
****

Peak Number 5 Benzene, (1-nitroethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.25 ng	45180	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
2	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	72
3	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64
4	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	56
5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	50





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Instrument : BNA_G
ClientSampleId : TP-B

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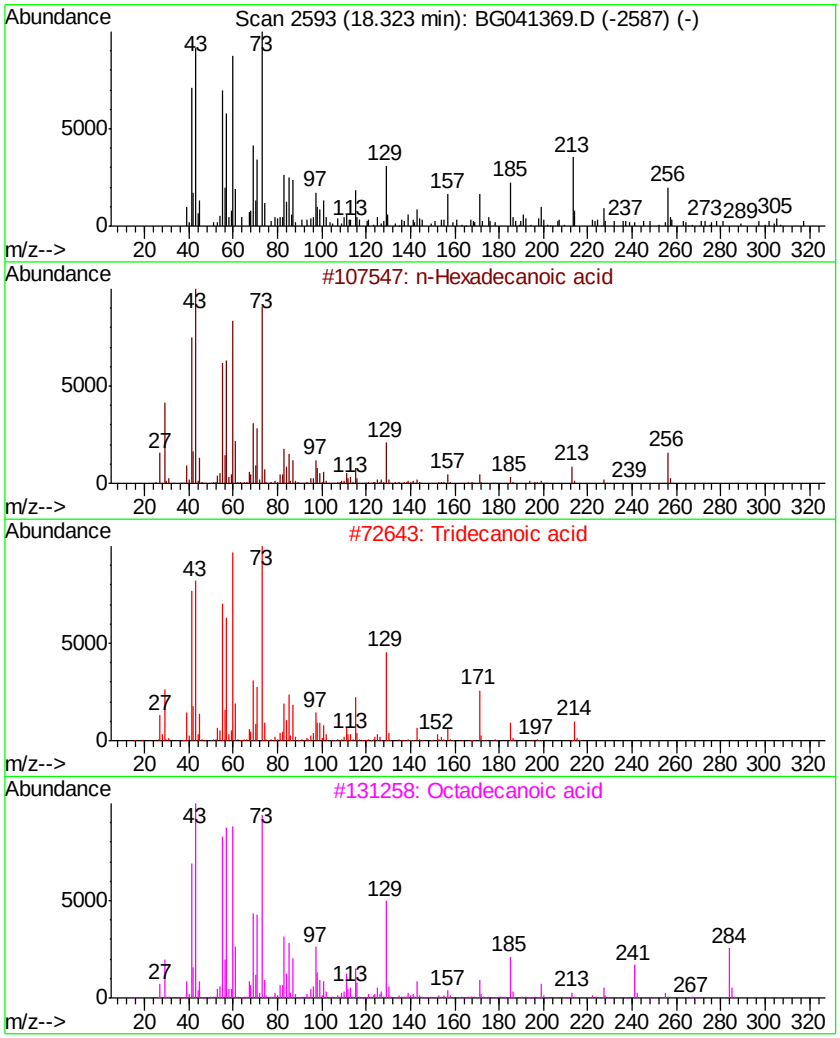
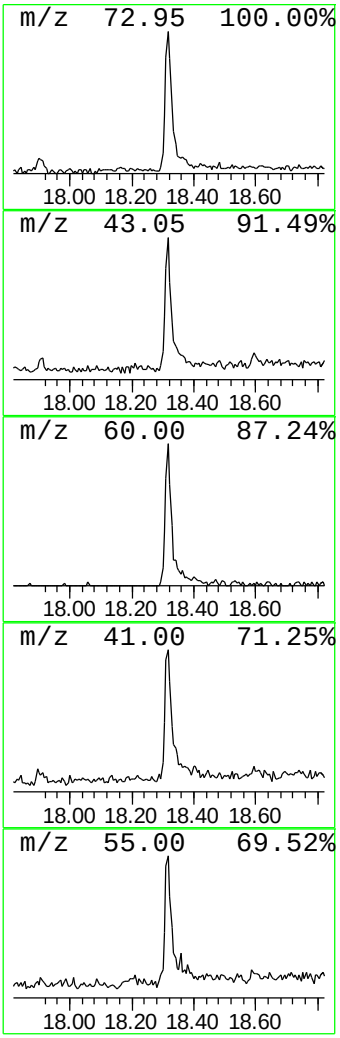
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	6.03 ng	195342	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Nonadecanoic acid	298	C19H38O2	000646-30-0	62





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	17.3	ng	252840	1	8.08	291957	20.0
Cyclotrisiloxane,...	4.62	2.1	ng	30259	1	8.08	291957	20.0
unknown7.61	7.61	109.5	ng	1598990	1	8.08	291957	20.0
Benzene, (1-nitro...	9.93	2.3	ng	45180	2	10.90	401326	20.0
n-Hexadecanoic acid	18.32	6.0	ng	195342	4	17.47	648118	20.0