LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040880.D
Acq On : 11 May 2019 19:13
Operator : HP/JU
Sample : K2767-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

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-BG042319.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	4	10	17	rBV	125208	228153	5.95%	1.019%
2	3.218	18	22	33	rVB	230905	315252	8.22%	1.407%
3	5.662	430	438	446	rBV	915212	1473052	38.43%	6.576%
4	7.272	704	712	721	rBV	1057941	1794542	46.82%	8.012%
5	7.654	770	777	789	rBV	928842	1619547	42.25%	7.230%
6	8.129	852	858	870	rBV	189746	329677	8.60%	1.472%
7	8.458	906	914	924	rBV	598299	1034158	26.98%	4.617%
8	9.310	1050	1059	1072	rBV	609250	1087003	28.36%	4.853%
9	10.956	1327	1339	1346	rBV	260813	451434	11.78%	2.015%
10	11.954	1502	1509	1519	rBV	97085	191503	5.00%	0.855%
11	13.382	1745	1752	1763	rBV	1383849	2158390	56.31%	9.636%
12	14.205	1886	1892	1898	rBV	321401	444487	11.60%	1.984%
13	14.763	1980	1987	1996	rVB2	469701	721258	18.82%	3.220%
14	16.243	2232	2239	2254	rBV	1481502	2299719	60.00%	10.267%
15	17.507	2447	2454	2461	rBV2	671260	999888	26.09%	4.464%
16	18.359	2593	2599	2611	rBV2	256470	390039	10.18%	1.741%
17	19.622	2809	2814	2823	rBV	125209	181509	4.74%	0.810%
18	20.098	2889	2895	2906	rBV	2898170	3832892	100.00%	17.112%
19	21.390	3109	3115	3124	rBV4	61220	153731	4.01%	0.686%
20	21.784	3176	3182	3189	rBV2	696310	1190501	31.06%	5.315%
21	21.943	3205	3209	3213	rVB2	31152	40598	1.06%	0.181%
22	22.565	3311	3315	3319	rVB3	39324	49872	1.30%	0.223%
23	23.282	3431	3437	3443	rBV4	46981	83937	2.19%	0.375%
24	23.476	3465	3470	3475	rVB4	33676	60028	1.57%	0.268%
25	24.111	3571	3578	3585	rVB3	39463	79925	2.09%	0.357%
26	25.133	3740	3752	3764	rVB	414335	1188332	31.00%	5.305%

Sum of corrected areas: 22399427

LSC Report - Integrated Chromatogram

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Misc :
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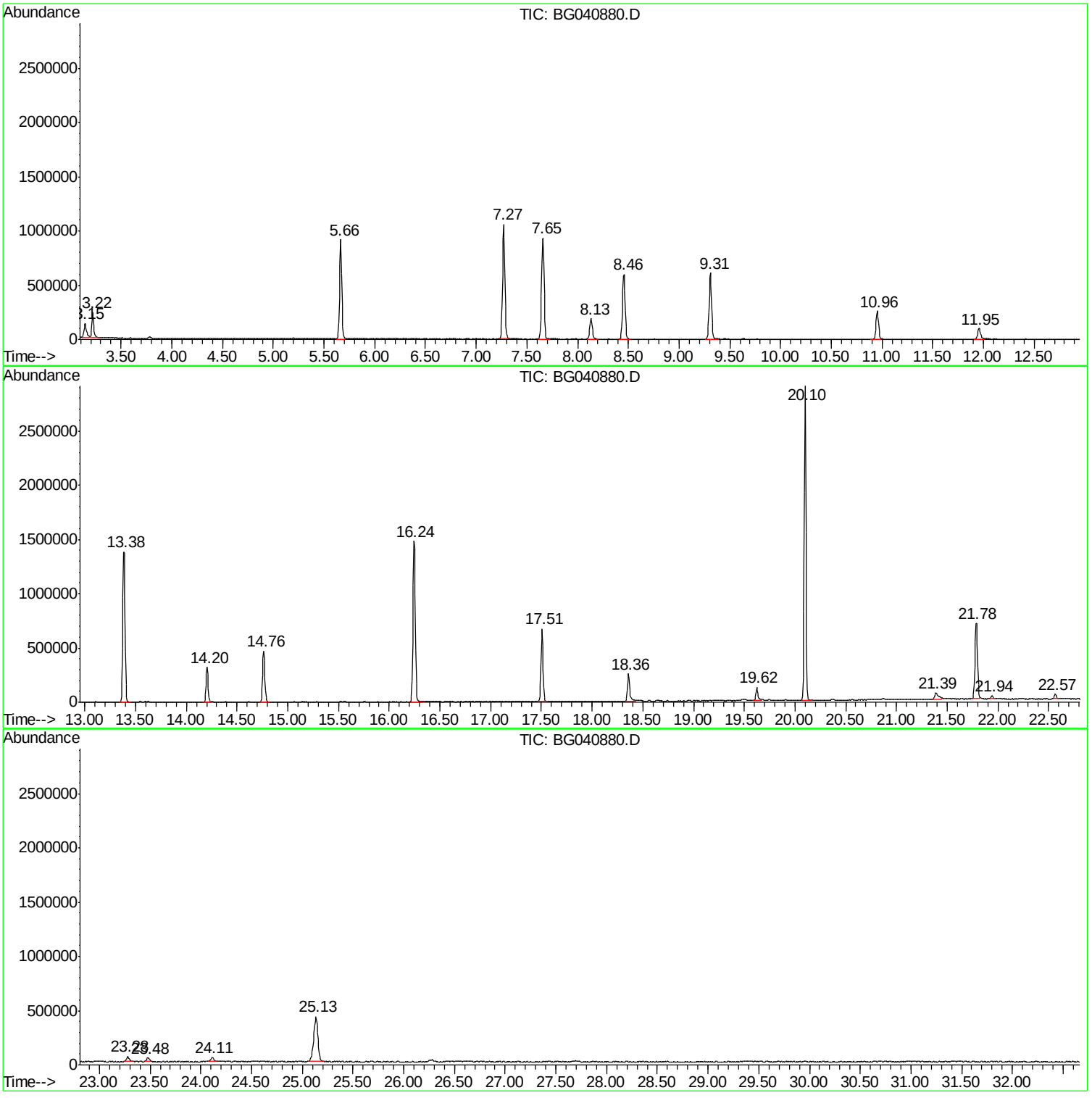
Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

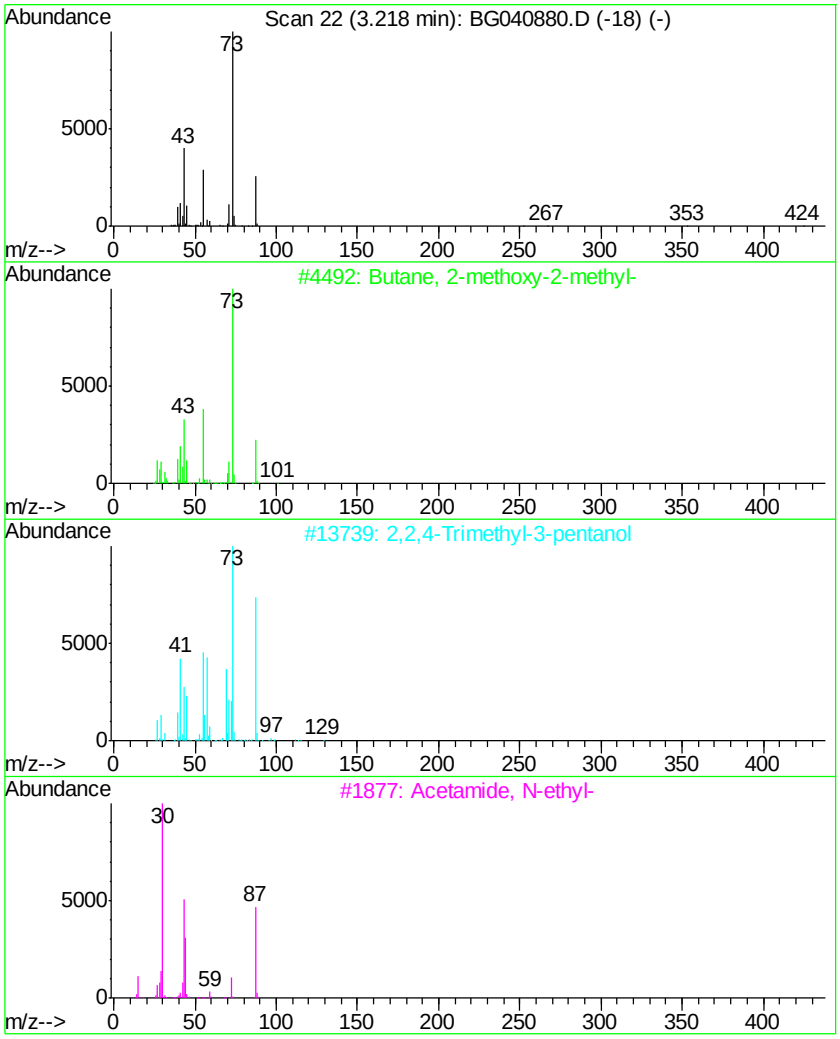
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

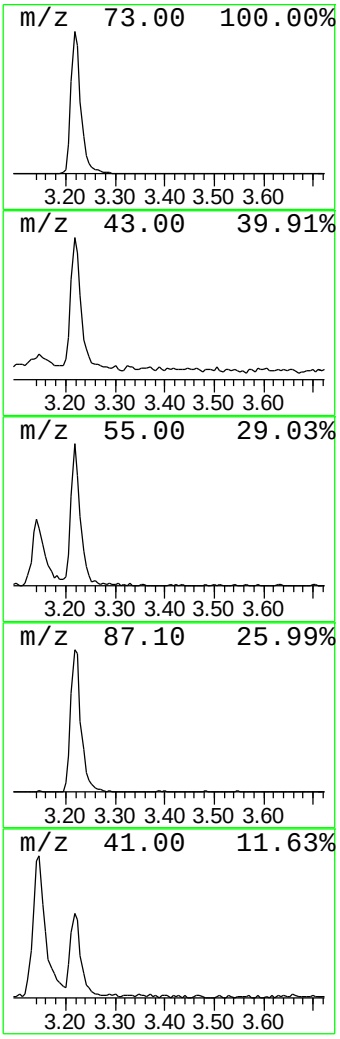
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	19.12 ng	315252	1,4-Dichlorobenzene-d4	8.14

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	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	14
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : HP/JU
Sample : K2767-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS012-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.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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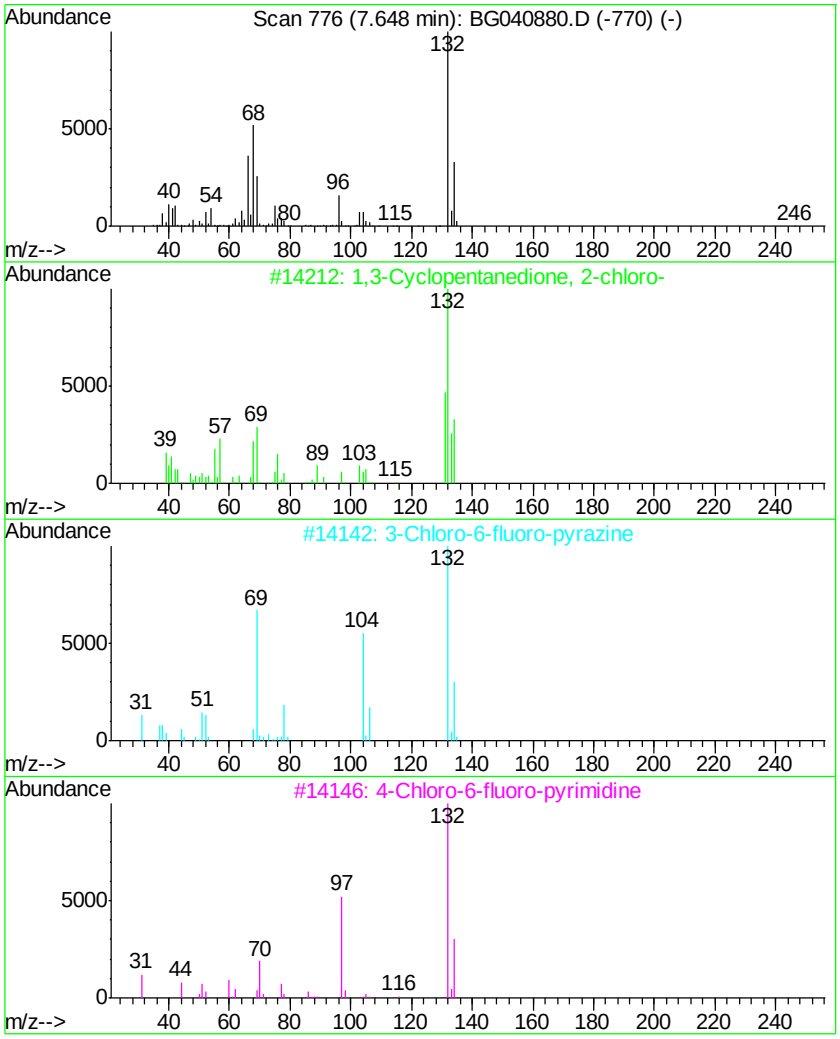
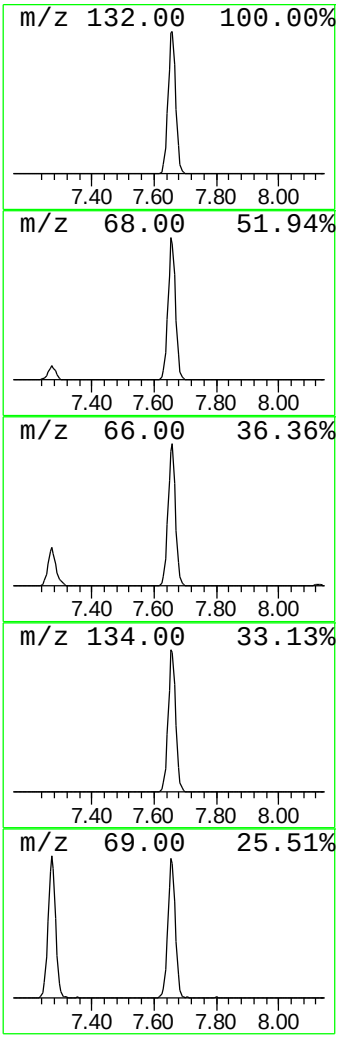
Peak Number 3 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	98.25 ng	1619550	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22





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Misc :
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Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

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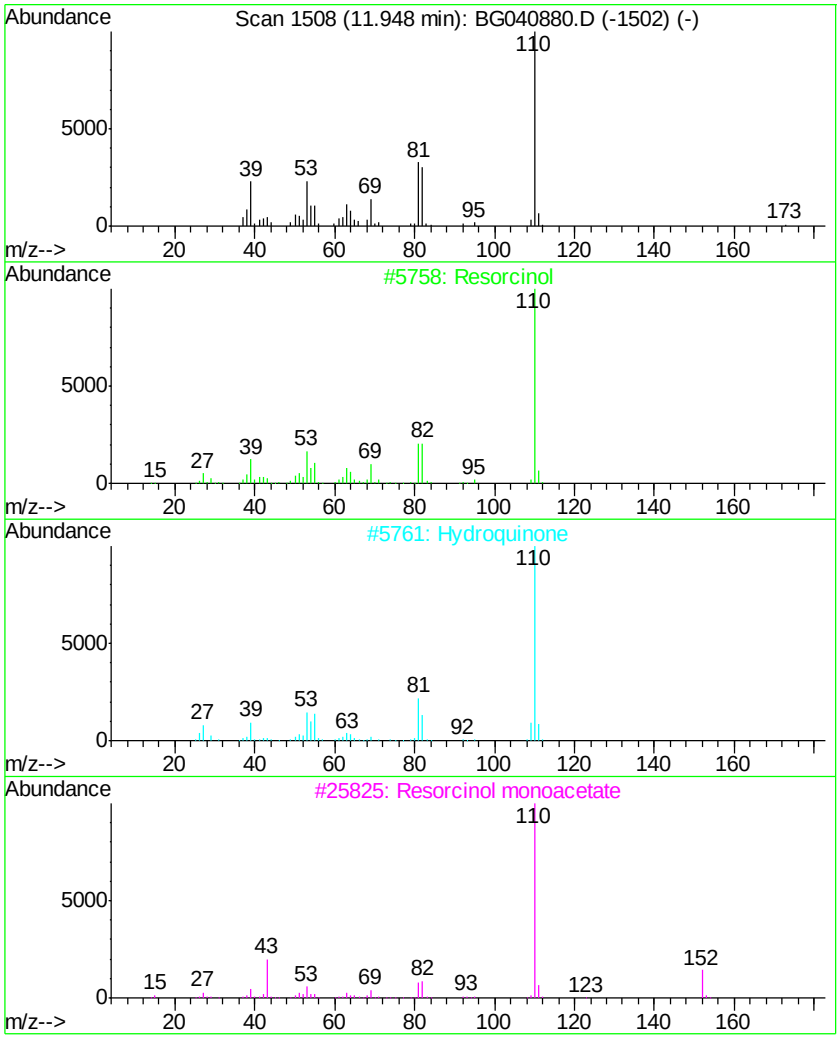
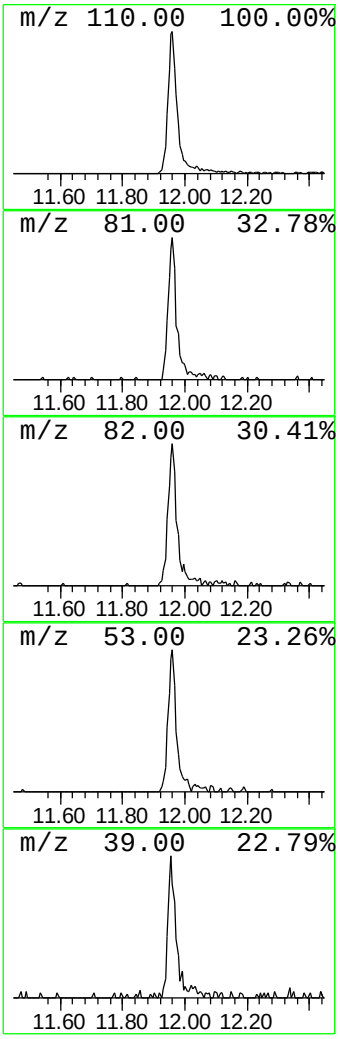
Peak Number 5 Resorcinol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	8.48 ng	191503	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	95
2	Hydroquinone	110	C6H6O2	000123-31-9	78
3	Resorcinol monoacetate	152	C8H8O3	000102-29-4	64
4	4(1H)-Pyrimidinone, 6-methyl-	110	C5H6N2O	003524-87-6	50
5	2-Acetamido-3-hydroxypyridine	152	C7H8N2O2	031354-48-0	50





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Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

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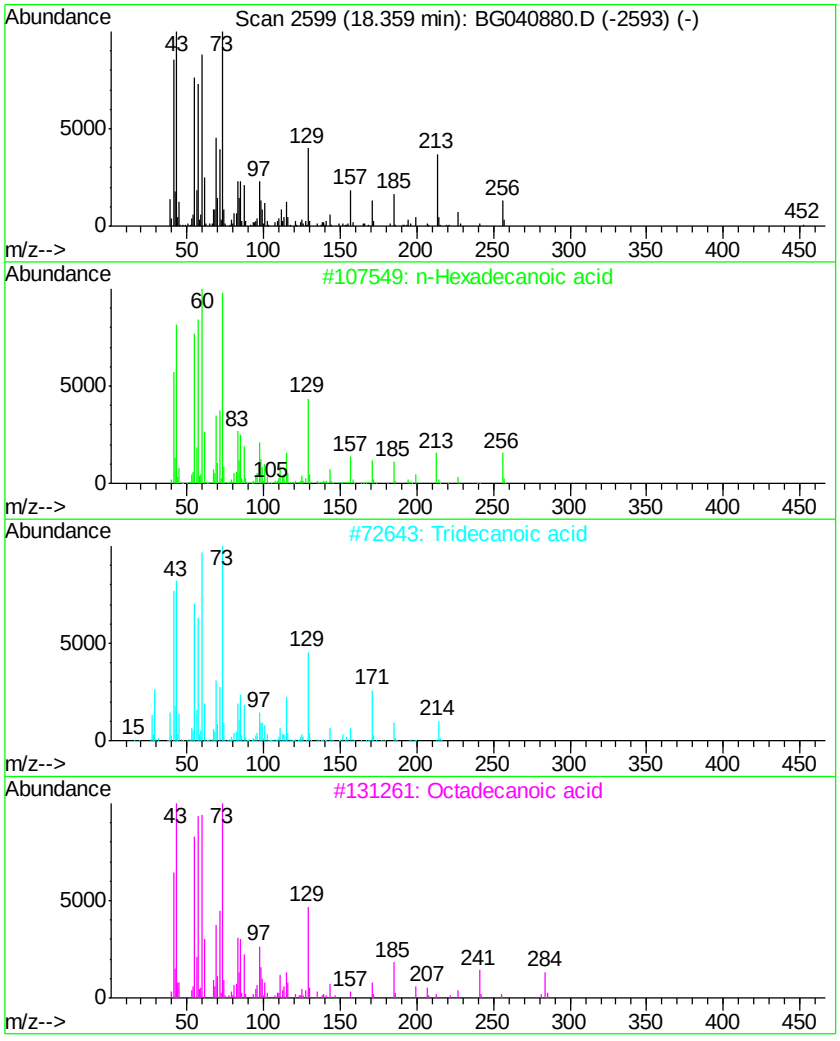
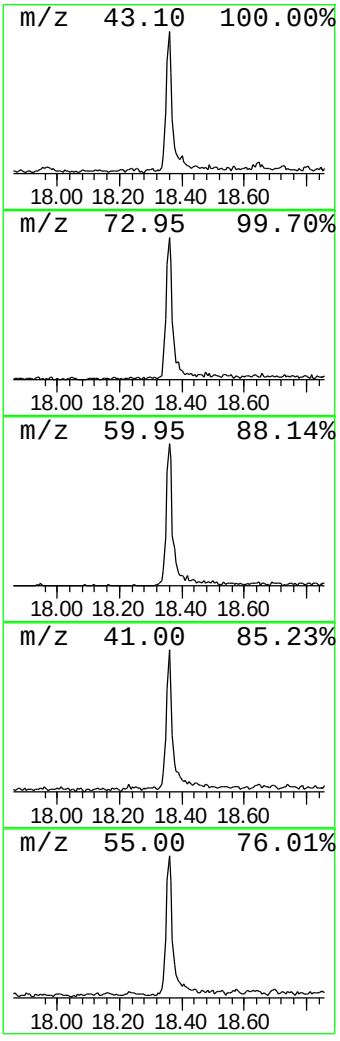
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.80 ng	390039	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
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Misc :
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Instrument : BNA_G
ClientSampleId : P026-SS012-1824-01

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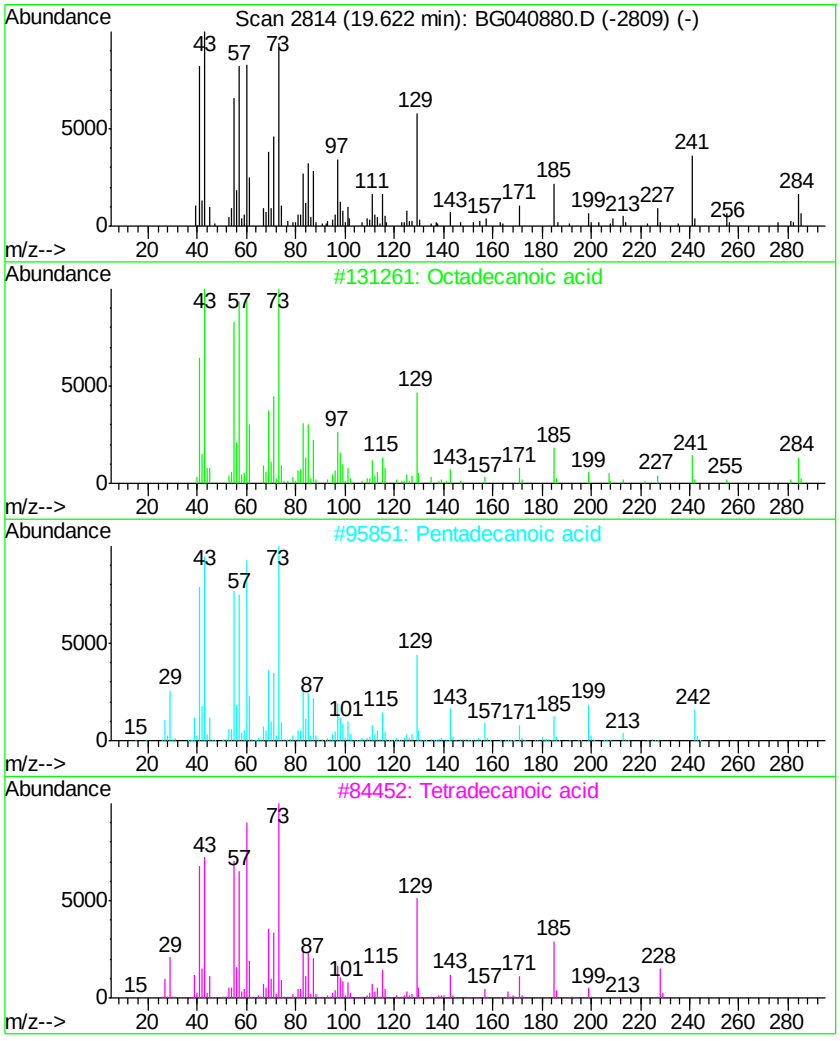
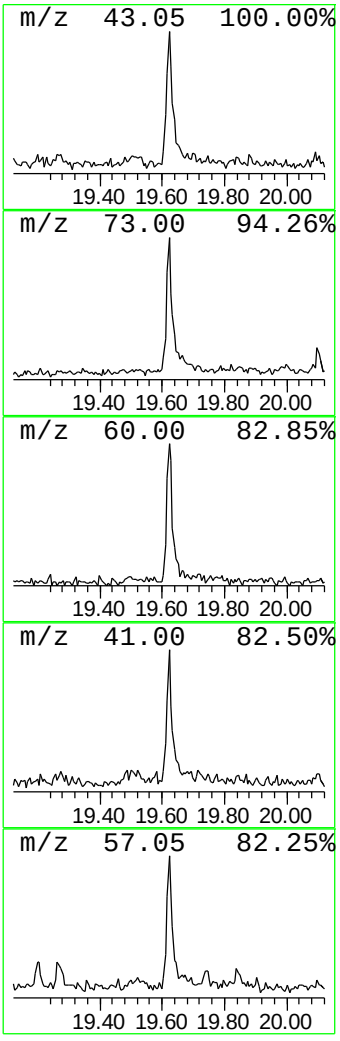
****

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.63 ng	181509	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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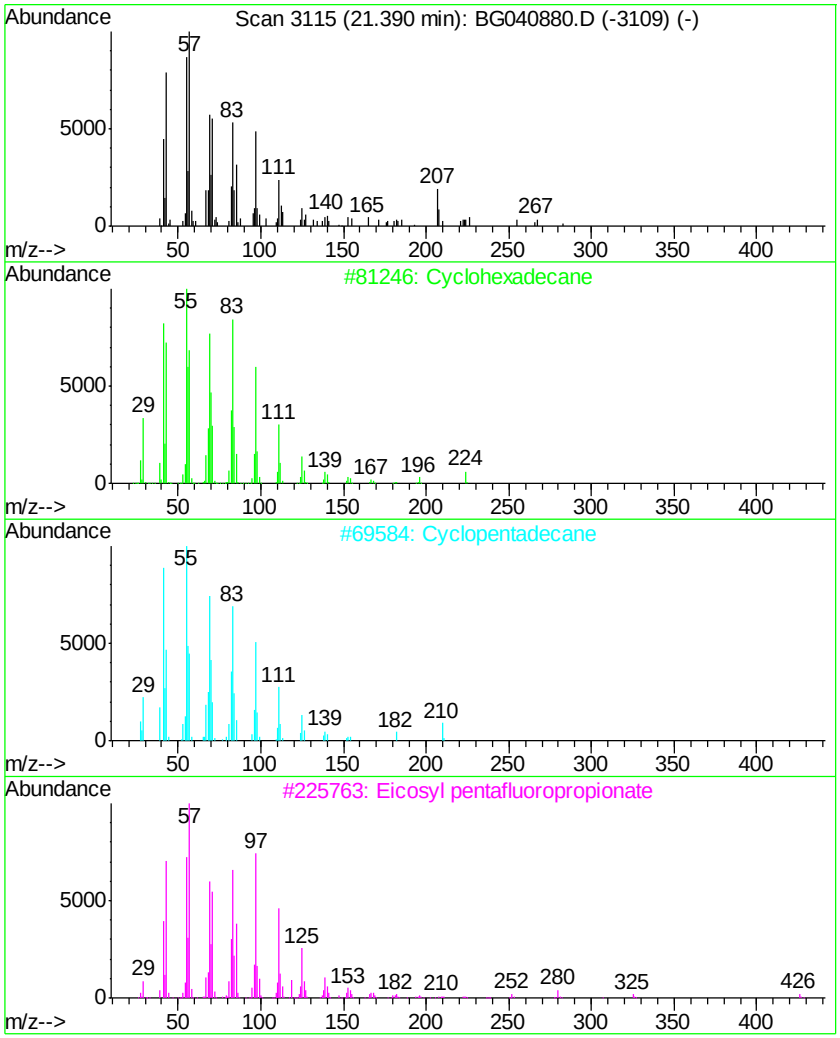
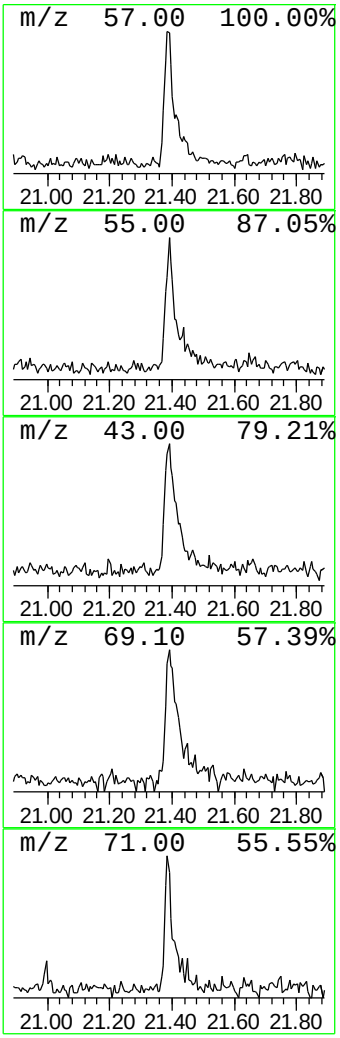
****

Peak Number 8 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.58 ng	153731	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	86
2	Cyclopentadecane	210	C15H30	000295-48-7	83
3	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	83
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	19.1	ng	315252	1	8.14	329677	20.0
unknown7.65	7.65	98.3	ng	1619550	1	8.14	329677	20.0
Resorcinol	11.95	8.5	ng	191503	2	10.96	451434	20.0
n-Hexadecanoic acid	18.36	7.8	ng	390039	4	17.51	999888	20.0
Octadecanoic acid	19.62	3.6	ng	181509	4	17.51	999888	20.0
Cyclohexadecane	21.39	2.6	ng	153731	5	21.78	1190500	20.0