LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040907.D
Acq On : 12 May 2019 13:32
Operator : HP/JU
Sample : K2768-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

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	3.143	4	9	18	rBV	337472	613663	15.95%	2.499%
2	3.219	18	22	32	rVB	244255	330337	8.58%	1.345%
3	5.663	429	438	451	rBV	1036740	1647643	42.81%	6.710%
4	7.273	704	712	723	rBV	1179988	1973545	51.28%	8.037%
5	7.655	769	777	785	rBV	1063251	1804026	46.88%	7.347%
6	8.131	851	858	868	rVB2	195652	334100	8.68%	1.361%
7	8.454	905	913	926	rVB	718021	1221860	31.75%	4.976%
8	9.306	1048	1058	1070	rBV	673115	1215487	31.58%	4.950%
9	10.957	1332	1339	1346	rBV	254180	461330	11.99%	1.879%
10	13.384	1745	1752	1763	rBV	1581792	2466479	64.09%	10.045%
11	14.206	1884	1892	1897	rBV	214396	316518	8.22%	1.289%
12	14.764	1980	1987	1995	rVB	466923	744750	19.35%	3.033%
13	16.245	2232	2239	2249	rBV	1696902	2545905	66.16%	10.368%
14	17.508	2447	2454	2460	rBV2	631776	1001466	26.02%	4.078%
15	18.360	2592	2599	2608	rBV	258163	385890	10.03%	1.572%
16	19.547	2797	2801	2808	rVB	39938	61849	1.61%	0.252%
17	19.623	2808	2814	2820	rBV4	63299	101763	2.64%	0.414%
18	19.911	2858	2863	2870	rVB	75821	110164	2.86%	0.449%
19	20.099	2887	2895	2905	rBV	2929396	3848350	100.00%	15.672%
20	20.370	2935	2941	2950	rVB9	16597	48541	1.26%	0.198%
21	21.386	3109	3114	3124	rBV2	213264	404412	10.51%	1.647%
22	21.786	3174	3182	3189	rBV	672596	1192216	30.98%	4.855%
23	22.567	3310	3315	3318	rBV4	34232	53775	1.40%	0.219%
24	23.278	3431	3436	3442	rBV3	50724	96718	2.51%	0.394%
25	23.478	3465	3470	3478	rVB2	72513	140843	3.66%	0.574%
26	24.118	3573	3579	3587	rVB5	46466	111746	2.90%	0.455%
27	24.823	3693	3699	3706	rVB5	20043	48194	1.25%	0.196%
28	24.970	3718	3724	3732	rVB6	18272	50919	1.32%	0.207%
29	25.135	3740	3752	3765	rBV2	365619	1145937	29.78%	4.667%
30	26.280	3938	3947	3955	rVB6	24097	76730	1.99%	0.312%

Sum of corrected areas: 24555156

LSC Report - Integrated Chromatogram

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Data File : BG040907.D
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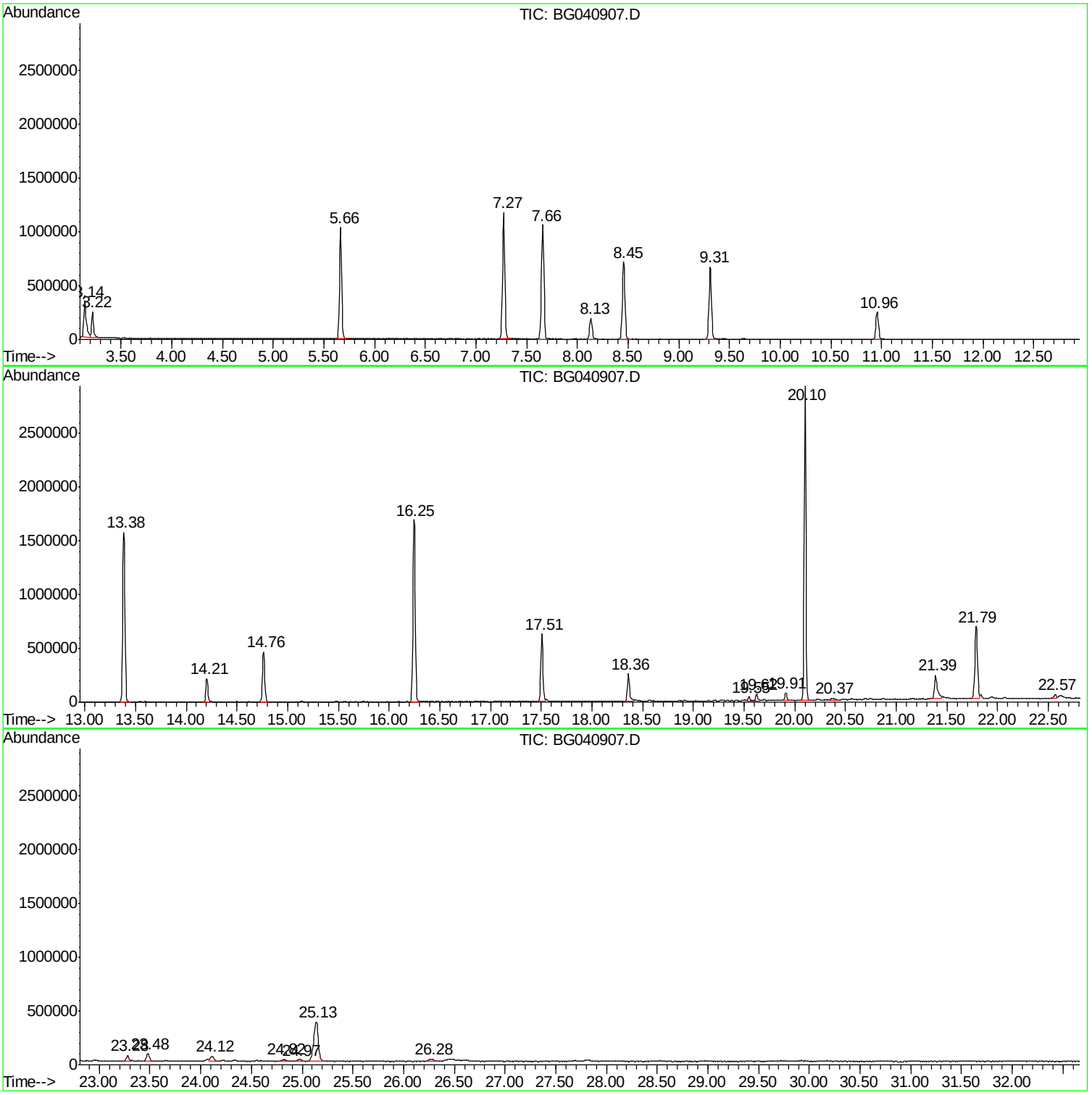
Operator : HP/JU
Sample : K2768-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P026-SS015-1824-02

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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Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

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

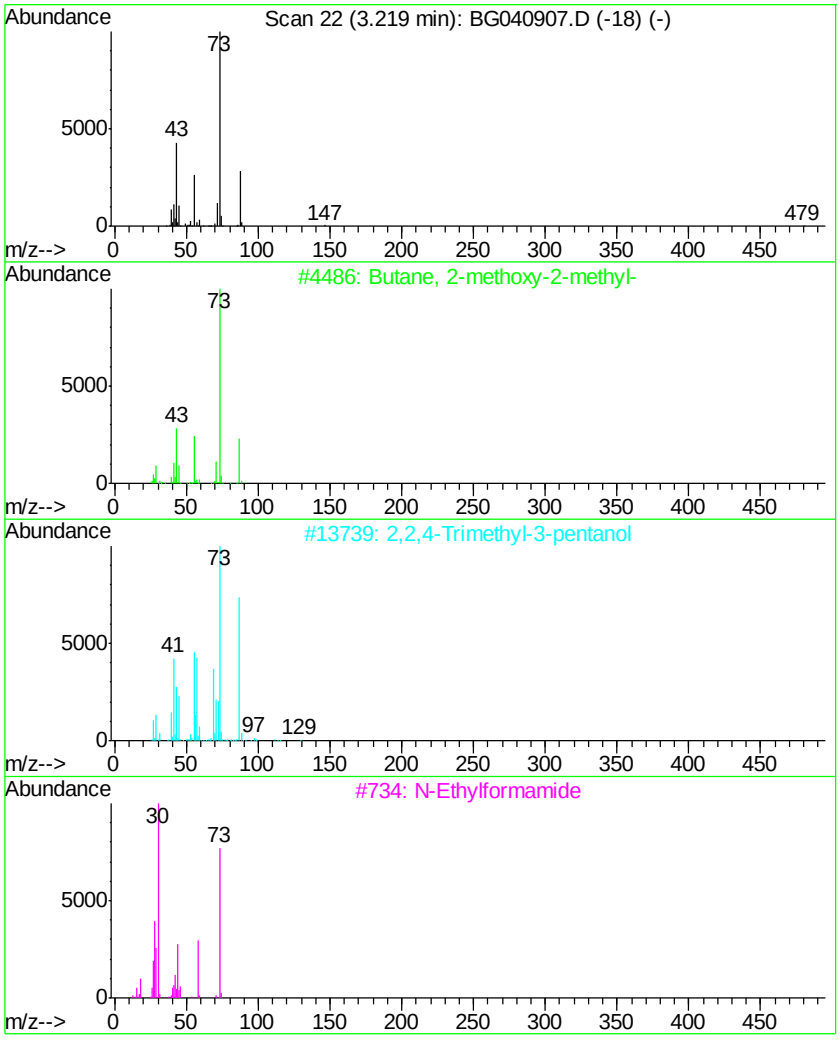
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

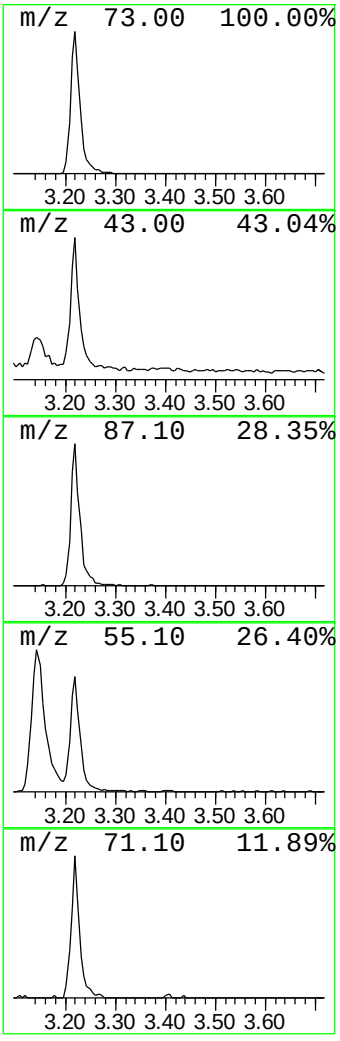
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	19.77 ng	330337	1,4-Dichlorobenzene-d4	8.13

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	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Operator : HP/JU
Sample : K2768-16
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

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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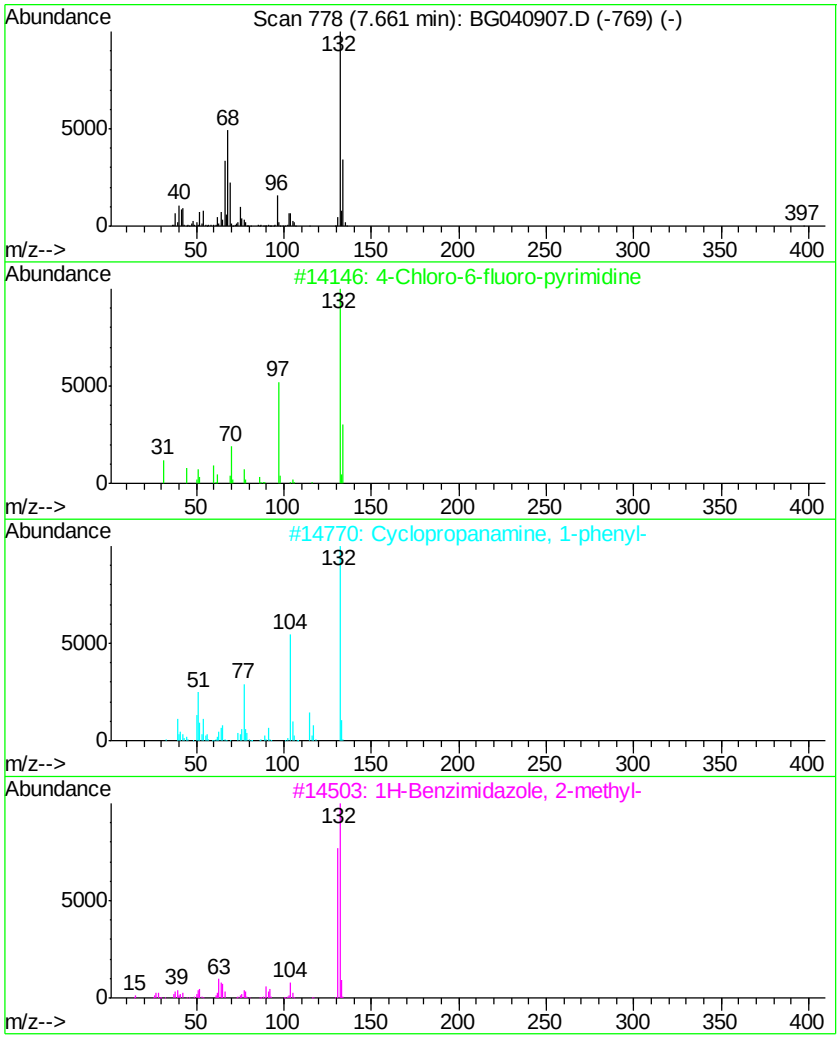
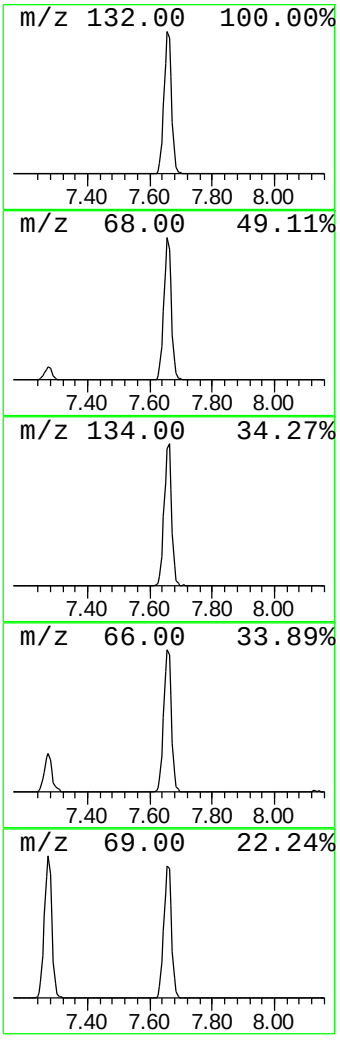
Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	107.99 ng	1804030	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

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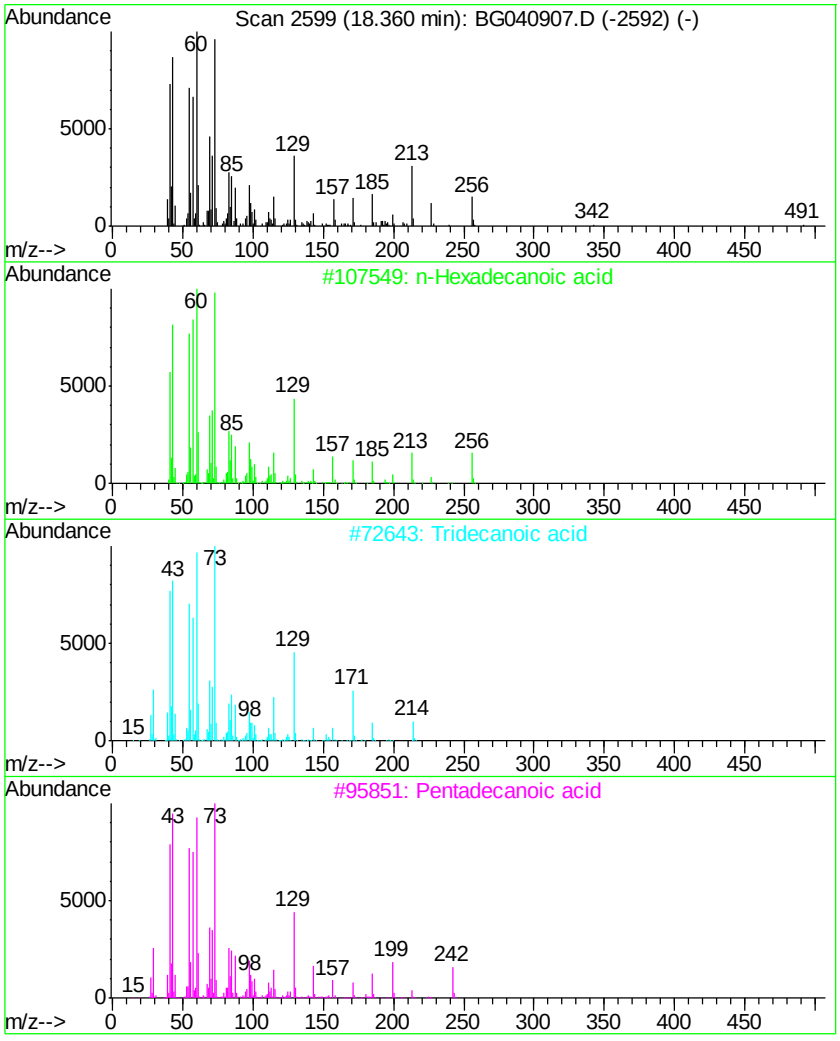
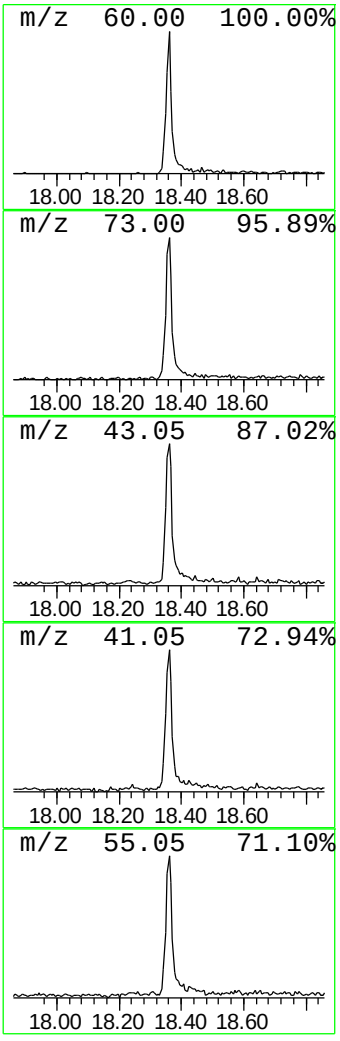
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.71 ng	385890	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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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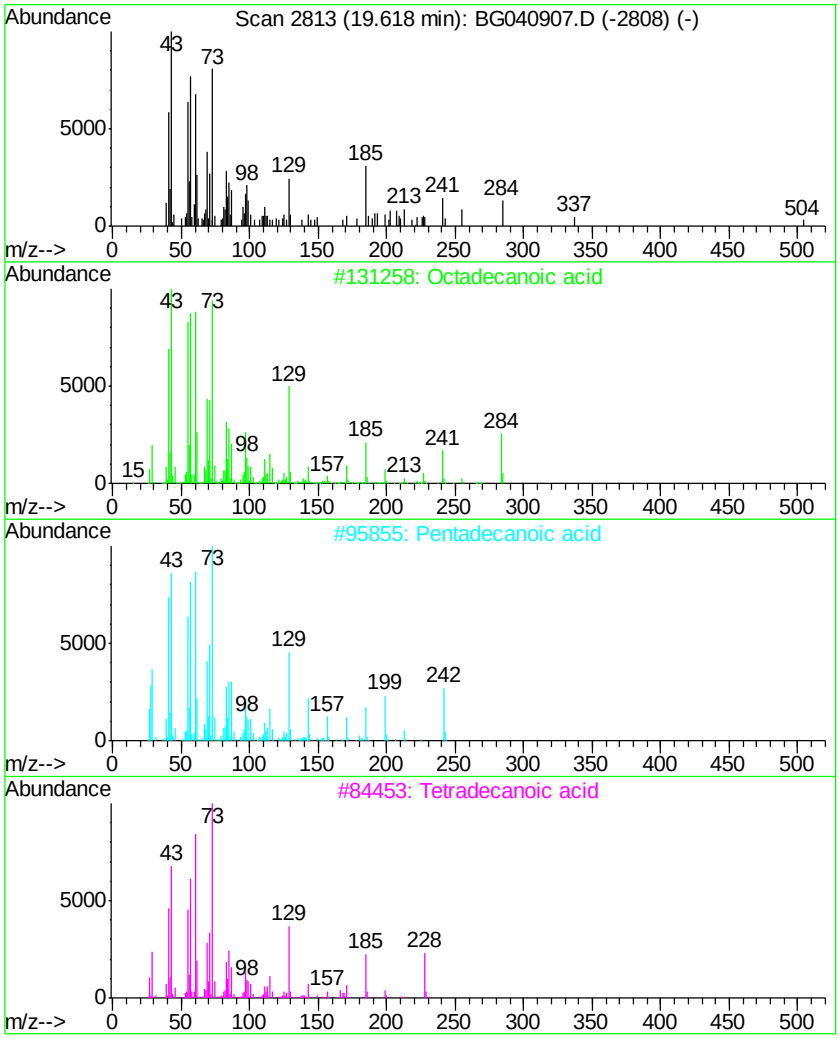
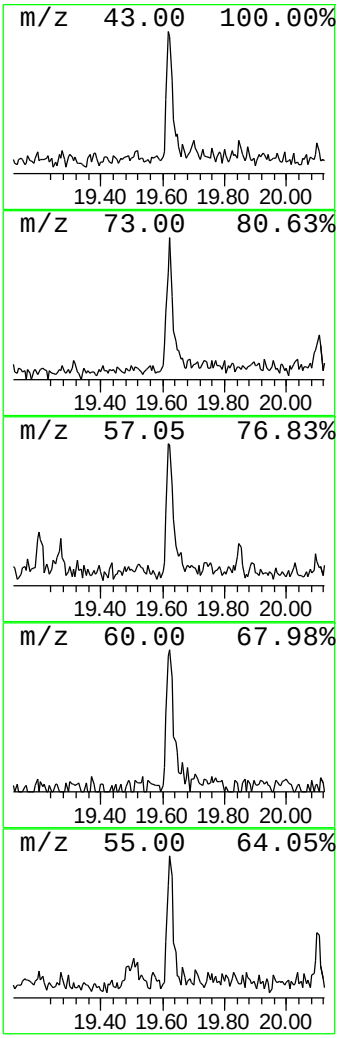
Peak Number 6 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.03 ng	101763	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	46
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : P026-SS015-1824-02

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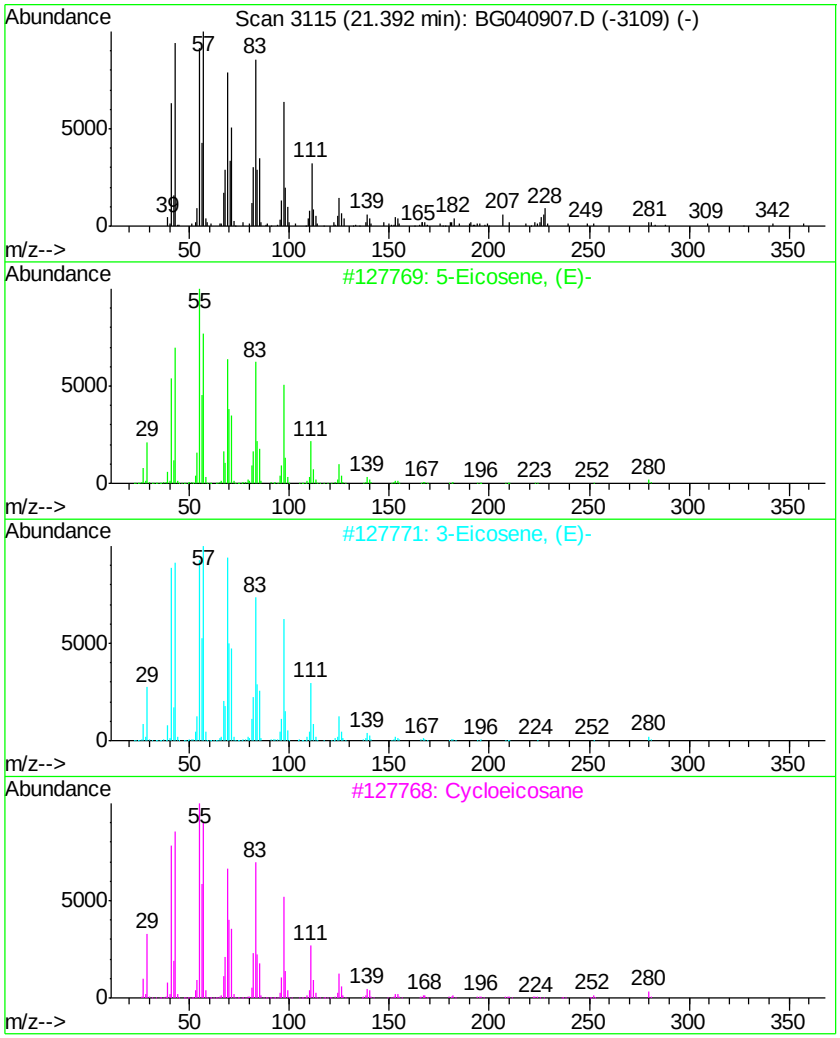
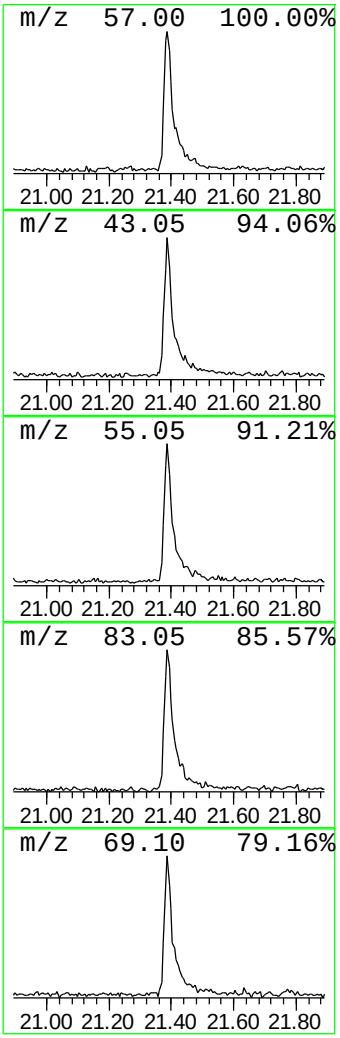
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	6.78 ng	404412	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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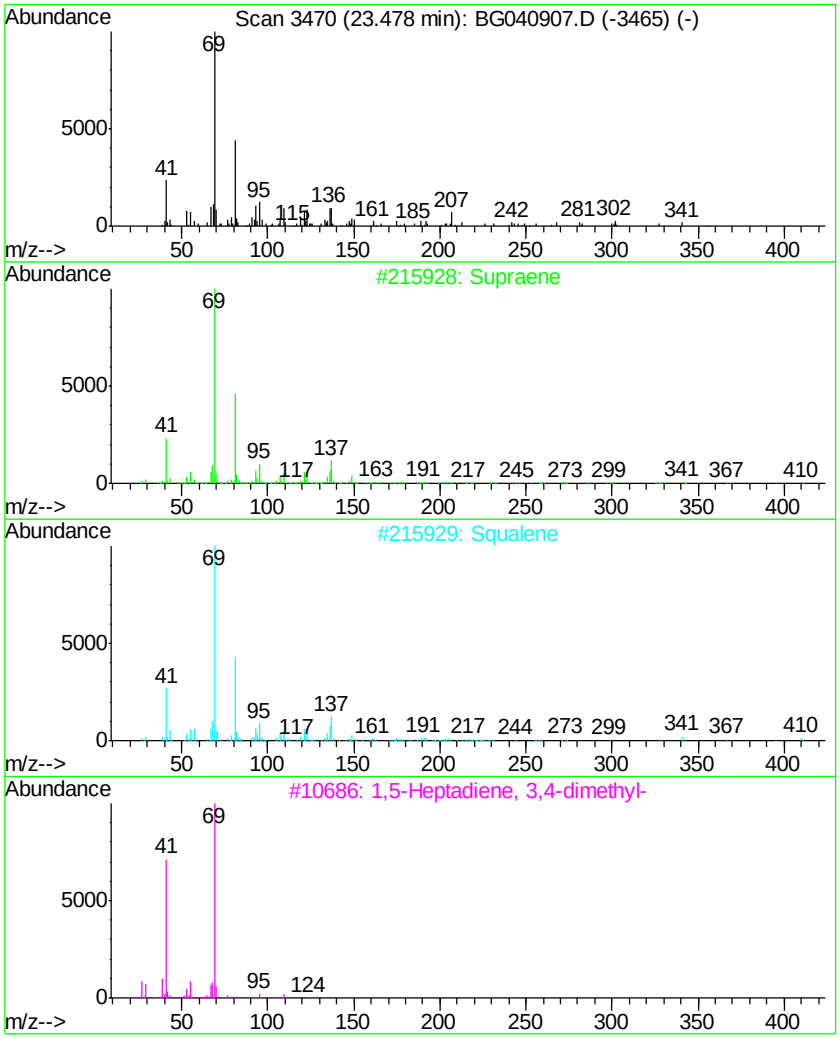
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

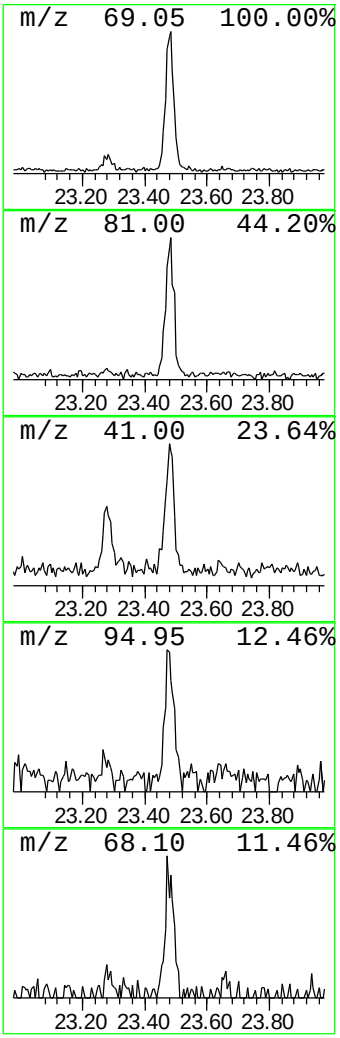
****

Peak Number 8 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	2.46 ng	140843	Perylene-d12	25.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	Squalene	410	C30H50	000111-02-4	72
3	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	59
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	59
5	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53





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	19.8	ng	330337	1	8.13	334100	20.0
unknown7.66	7.66	108.0	ng	1804030	1	8.13	334100	20.0
n-Hexadecanoic acid	18.36	7.7	ng	385890	4	17.51	1001470	20.0
Octadecanoic acid	19.62	2.0	ng	101763	4	17.51	1001470	20.0
5-Eicosene, (E)-	21.39	6.8	ng	404412	5	21.79	1192220	20.0
Supraene	23.48	2.5	ng	140843	6	25.13	1145940	20.0