LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040834.D
Acq On : 10 May 2019 2:43
Operator : HP/JU
Sample : K2764-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS010-0612-01

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	3.152	5	11	20	rBV	302023	540360	11.86%	2.018%
2	3.228	20	24	33	rVB	265629	348810	7.66%	1.302%
3	5.672	432	440	449	rBV	1074162	1665425	36.56%	6.218%
4	7.282	706	714	728	rBV	1219109	2107746	46.27%	7.870%
5	7.664	770	779	788	rBV	1120642	1923051	42.21%	7.180%
6	8.140	854	860	870	rVB	208927	367913	8.08%	1.374%
7	8.463	908	915	923	rBV	810453	1401815	30.77%	5.234%
8	9.321	1051	1061	1069	rBV	766898	1387260	30.45%	5.180%
9	10.966	1333	1341	1349	rBV	285226	516481	11.34%	1.928%
10	13.392	1746	1754	1762	rBV	1966541	2962291	65.02%	11.061%
11	14.209	1887	1893	1899	rBV	249851	366793	8.05%	1.370%
12	14.773	1982	1989	1999	rVB2	513969	825903	18.13%	3.084%
13	16.254	2233	2241	2255	rBV	1758290	2634293	57.82%	9.836%
14	17.511	2449	2455	2469	rBV	756786	1151106	25.27%	4.298%
15	18.363	2594	2600	2618	rBV	326915	545320	11.97%	2.036%
16	19.626	2811	2815	2821	rBV2	104530	140540	3.08%	0.525%
17	20.108	2890	2897	2906	rBV	3548586	4555650	100.00%	17.010%
18	20.384	2937	2944	2954	rBV9	19627	53332	1.17%	0.199%
19	21.395	3111	3116	3137	rBV	207498	545787	11.98%	2.038%
20	21.794	3177	3184	3192	rBV2	700276	1189829	26.12%	4.443%
21	22.582	3312	3318	3321	rBV6	25736	46156	1.01%	0.172%
22	22.640	3322	3328	3336	rVV6	30546	78098	1.71%	0.292%
23	23.287	3433	3438	3448	rBV4	63890	135555	2.98%	0.506%
24	23.498	3466	3474	3481	rBV2	39185	83130	1.82%	0.310%
25	24.121	3576	3580	3588	rVB4	35831	84142	1.85%	0.314%
26	25.149	3743	3755	3766	rBV2	344750	1125413	24.70%	4.202%

Sum of corrected areas: 26782199

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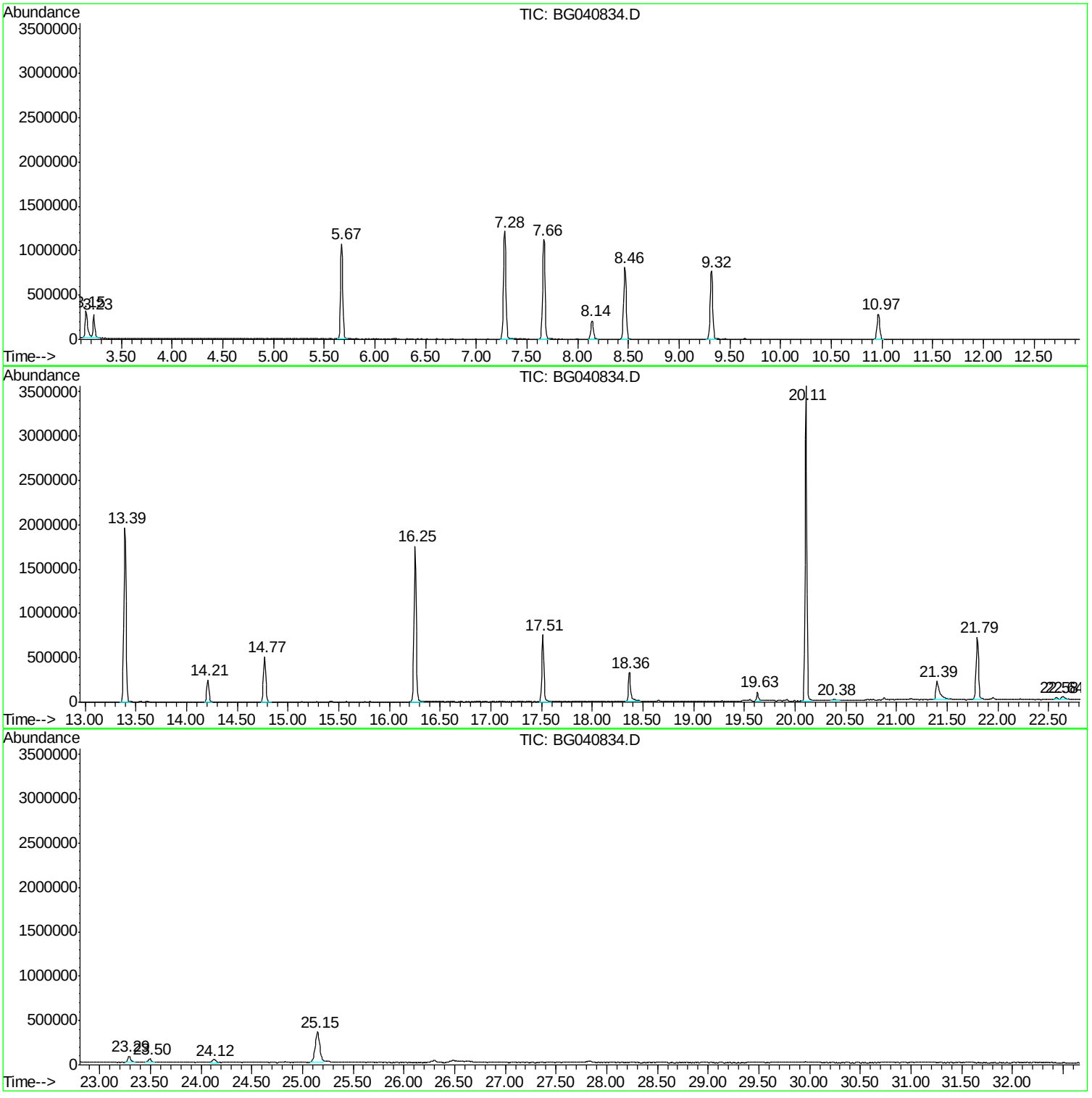
BNA_G
ClientSampleId :
P021-SS010-0612-01

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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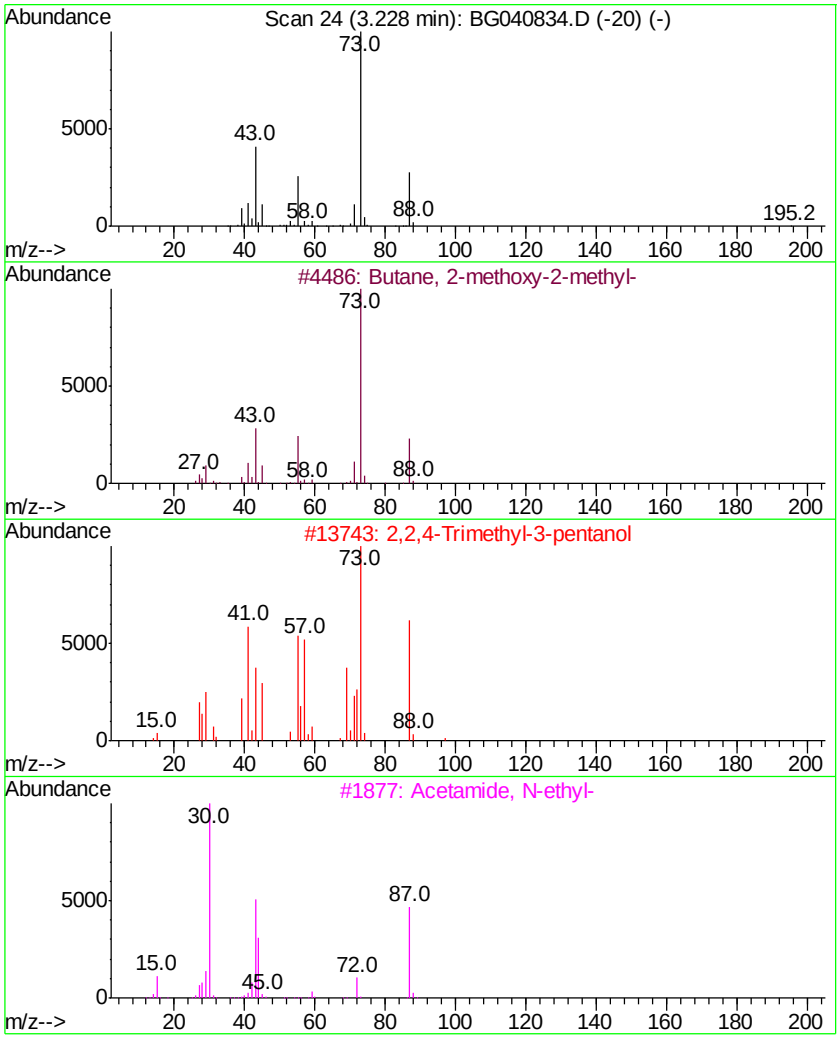
TIC Integration Parameters: LSCINT.P

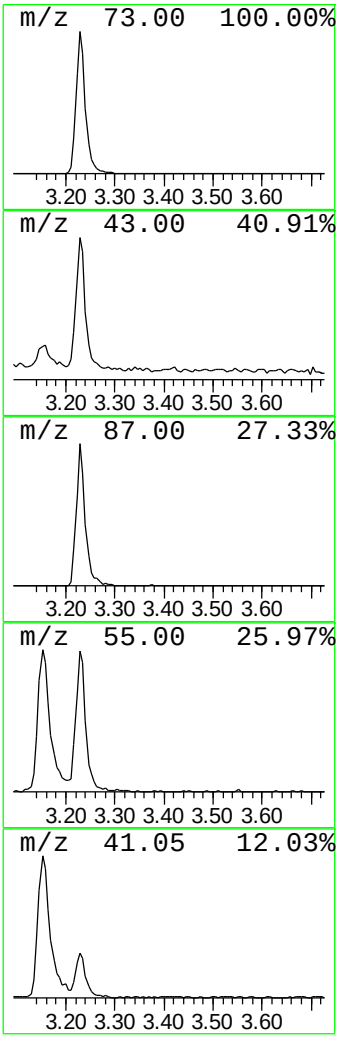
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	18.96 ng	348810	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : HP/JU
Sample : K2764-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS010-0612-01

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

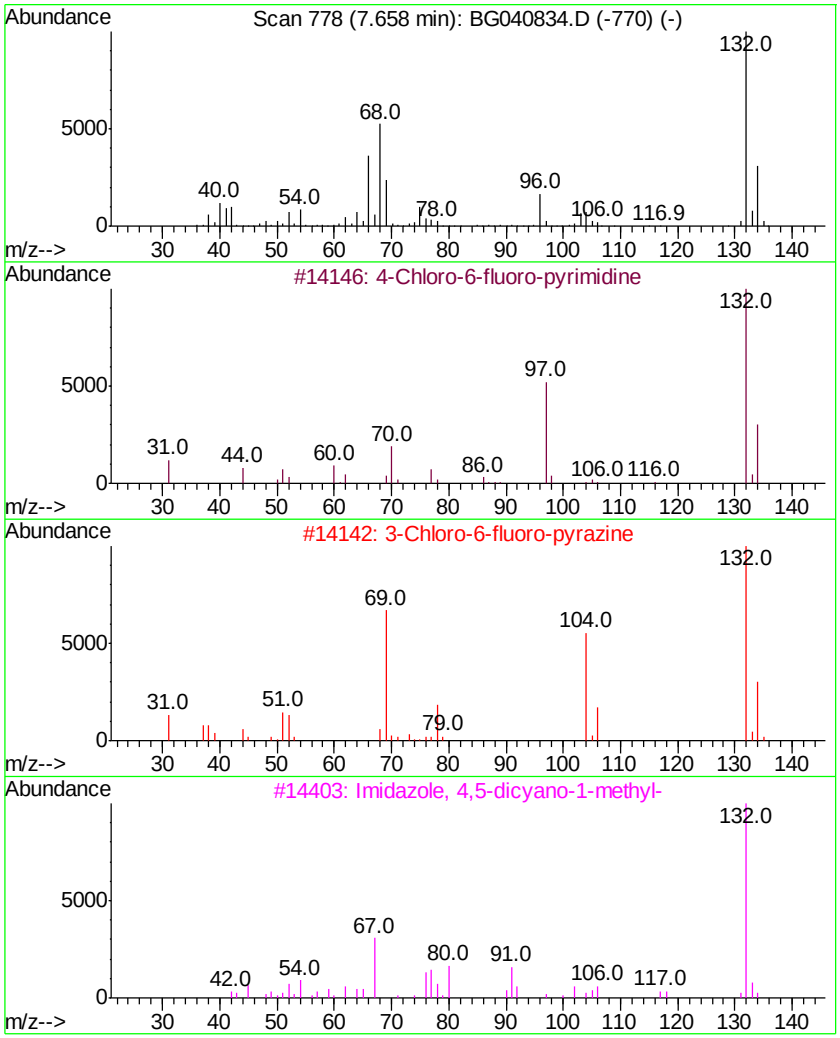
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

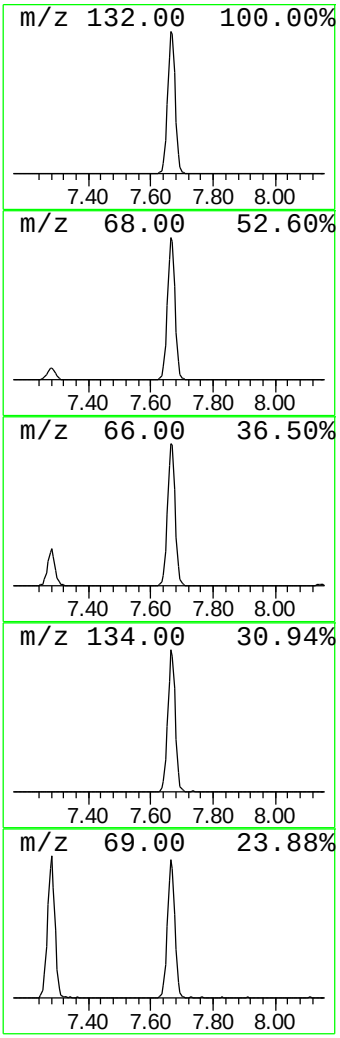
****

Peak Number 3 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	104.54 ng	1923050	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	22





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Sample : K2764-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS010-0612-01

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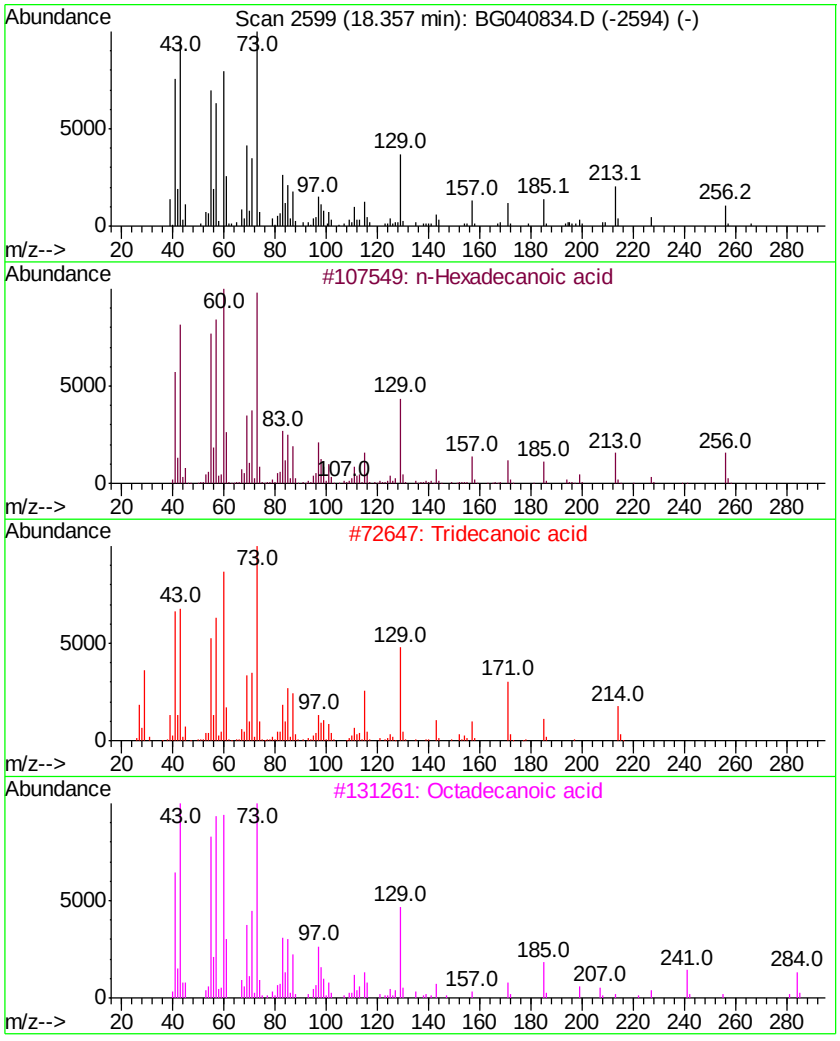
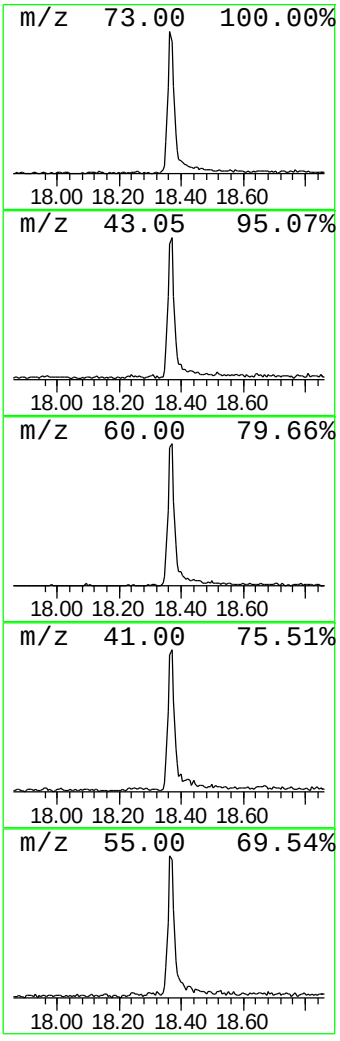
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	9.47 ng	545320	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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Misc :
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Instrument : BNA_G
ClientSampleId : P021-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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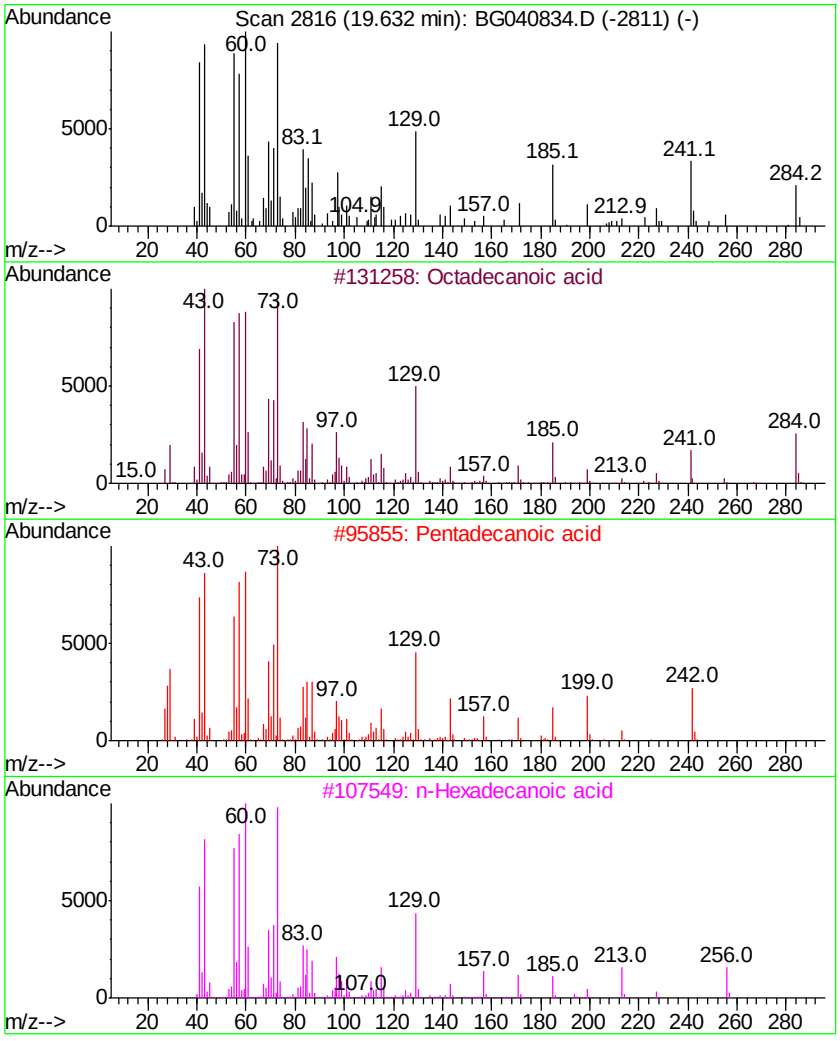
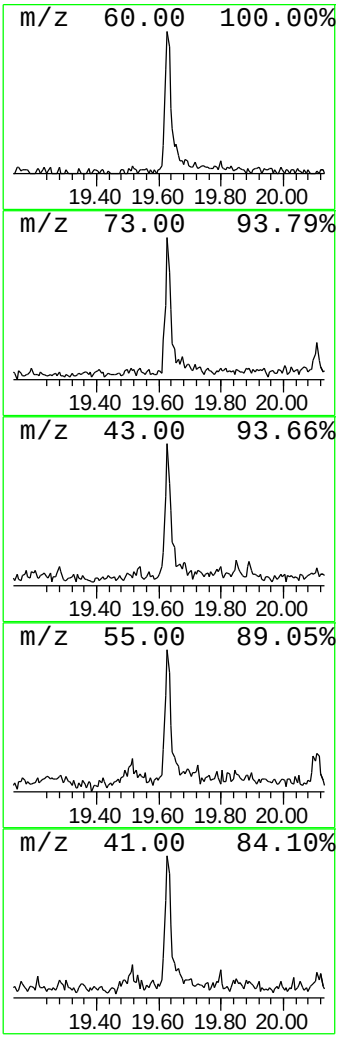
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.44 ng	140540	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	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





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Sample : K2764-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P021-SS010-0612-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
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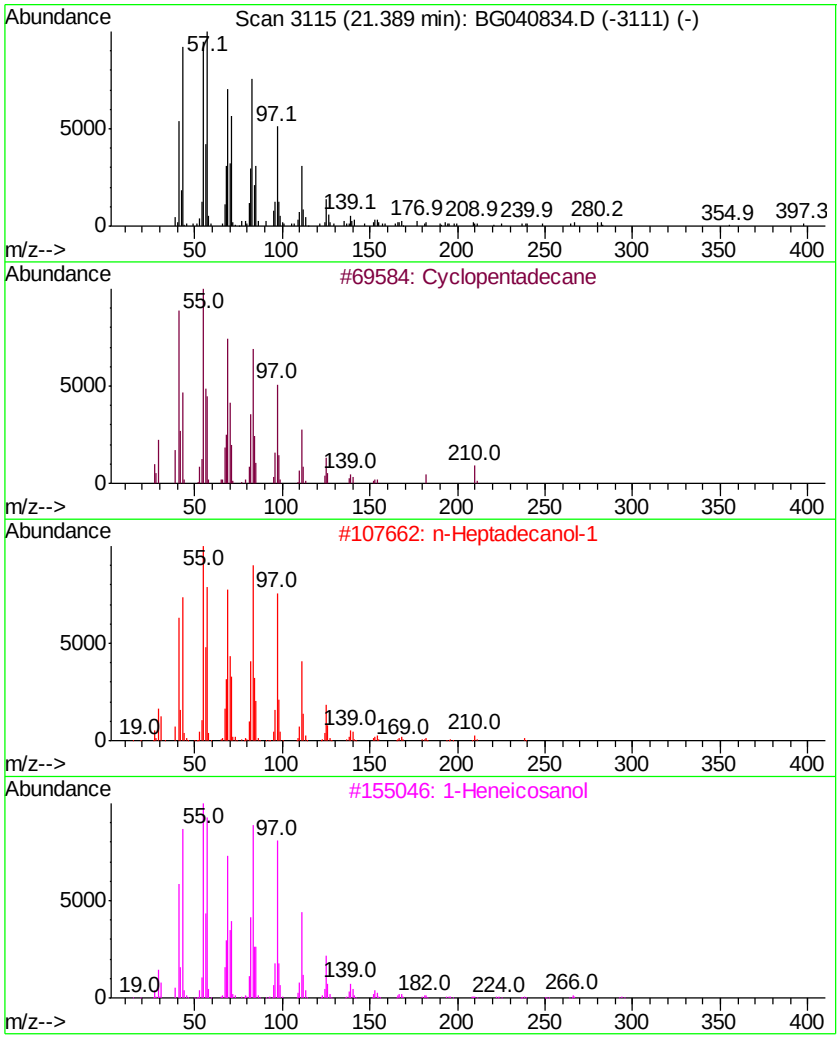
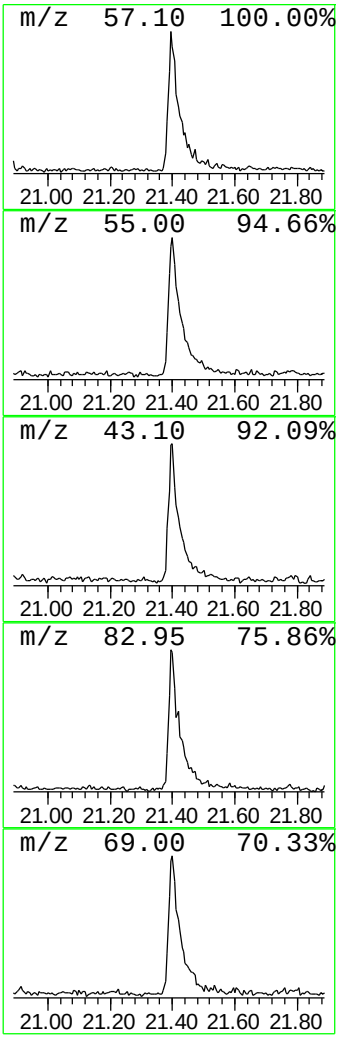
****

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	9.17 ng	545787	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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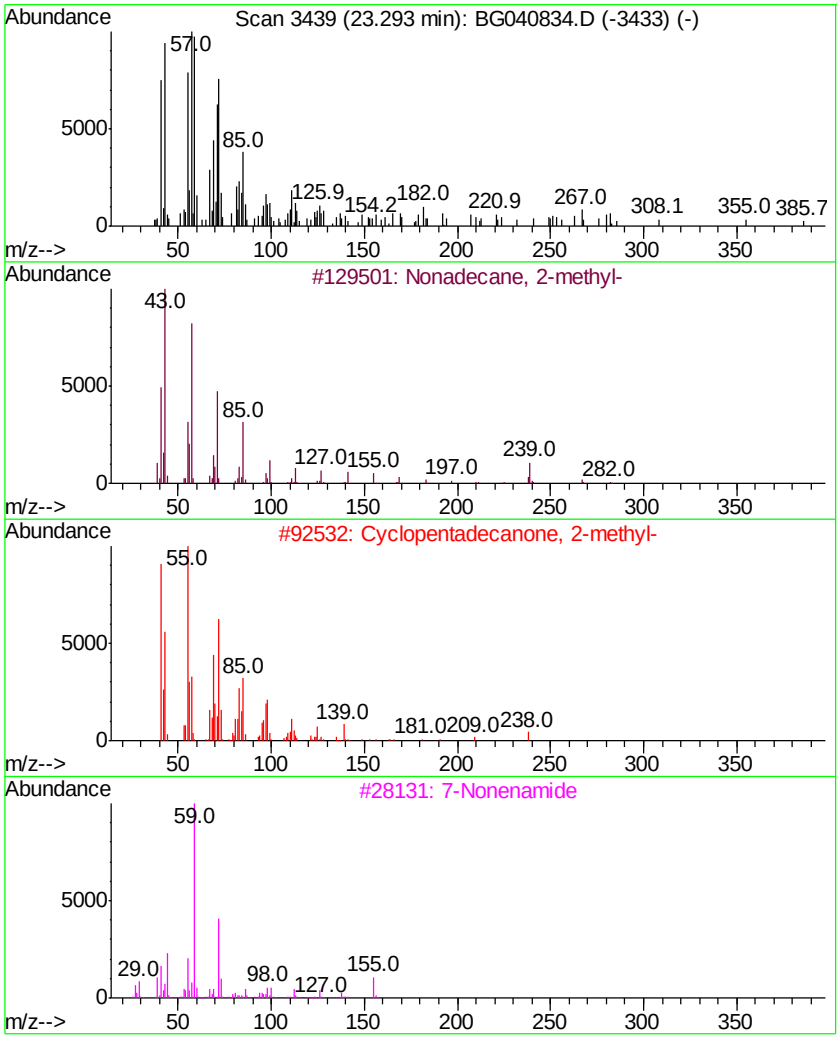
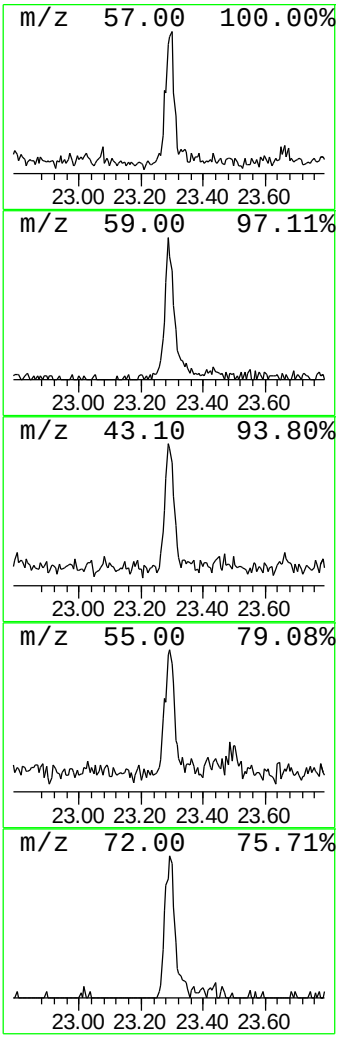
****

Peak Number 8 Nonadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.28 ng	135555	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	53
2	Cyclopentadecanone, 2-methyl-	238	C16H30O	052914-66-6	44
3	7-Nonenamide	155	C9H17NO	090949-53-4	43
4	Ethyl pentadecyl ether	256	C17H36O	1000130-85-3	30
5	2(3H)-Furanone, dihydro-4,4-dime...	114	C6H10O2	013861-97-7	25





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...	3.23	19.0	ng	348810	1	8.14	367913	20.0
unknown7.66	7.66	104.5	ng	1923050	1	8.14	367913	20.0
n-Hexadecanoic acid	18.36	9.5	ng	545320	4	17.51	1151110	20.0
Octadecanoic acid	19.63	2.4	ng	140540	4	17.51	1151110	20.0
Cyclopentadecane	21.39	9.2	ng	545787	5	21.79	1189830	20.0
Nonadecane, 2-met...	23.29	2.3	ng	135555	5	21.79	1189830	20.0