LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039665.D
Acq On : 28 Feb 2019 18:19
Operator : JU/SJ
Sample : K1628-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

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-BG012919.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	3.217	17	22	31	rBV2	56637	122868	3.30%	0.555%
2	3.288	31	34	45	rVB	37435	63051	1.70%	0.285%
3	5.708	439	446	458	rBV	925943	1537570	41.35%	6.951%
4	7.312	710	719	730	rBV	1081729	1913954	51.47%	8.653%
5	7.694	777	784	791	rBV	955757	1670922	44.93%	7.554%
6	8.164	858	864	873	rBV	159782	278426	7.49%	1.259%
7	8.487	912	919	928	rBV	635471	1130767	30.41%	5.112%
8	9.344	1056	1065	1072	rBV	608112	1089031	29.29%	4.923%
9	10.983	1336	1344	1353	rBV	241548	451317	12.14%	2.040%
10	13.410	1748	1757	1767	rBV	1656367	2607974	70.13%	11.790%
11	14.232	1891	1897	1904	rBV	102691	155749	4.19%	0.704%
12	14.790	1984	1992	2001	rBV2	462908	770504	20.72%	3.483%
13	16.276	2238	2245	2257	rBV	1546078	2400938	64.56%	10.854%
14	17.533	2452	2459	2469	rBV2	698960	1085946	29.20%	4.909%
15	18.162	2561	2566	2572	rBV	48902	70095	1.88%	0.317%
16	18.385	2599	2604	2615	rBV2	147016	253415	6.81%	1.146%
17	19.448	2781	2785	2791	rBV	73141	81593	2.19%	0.369%
18	19.531	2795	2799	2812	rVV10	25456	64701	1.74%	0.293%
19	19.648	2815	2819	2824	rBV5	27082	40198	1.08%	0.182%
20	19.789	2838	2843	2849	rVB2	69699	79946	2.15%	0.361%
21	20.124	2894	2900	2910	rBV	2803032	3718677	100.00%	16.812%
22	20.829	3016	3020	3024	rBV	148937	168863	4.54%	0.763%
23	21.422	3115	3121	3129	rBV3	58296	138348	3.72%	0.625%
24	21.822	3182	3189	3196	rVB	561155	945705	25.43%	4.275%
25	21.969	3210	3214	3218	rVB4	27177	40423	1.09%	0.183%
26	22.597	3316	3321	3327	rVB2	28810	51088	1.37%	0.231%
27	23.314	3437	3443	3453	rBV2	42692	87661	2.36%	0.396%
28	24.148	3580	3585	3593	rVB2	32925	69657	1.87%	0.315%
29	25.194	3748	3763	3776	rBV2	309105	972138	26.14%	4.395%
30	26.327	3949	3956	3965	rVB5	21119	57781	1.55%	0.261%

Sum of corrected areas: 22119306

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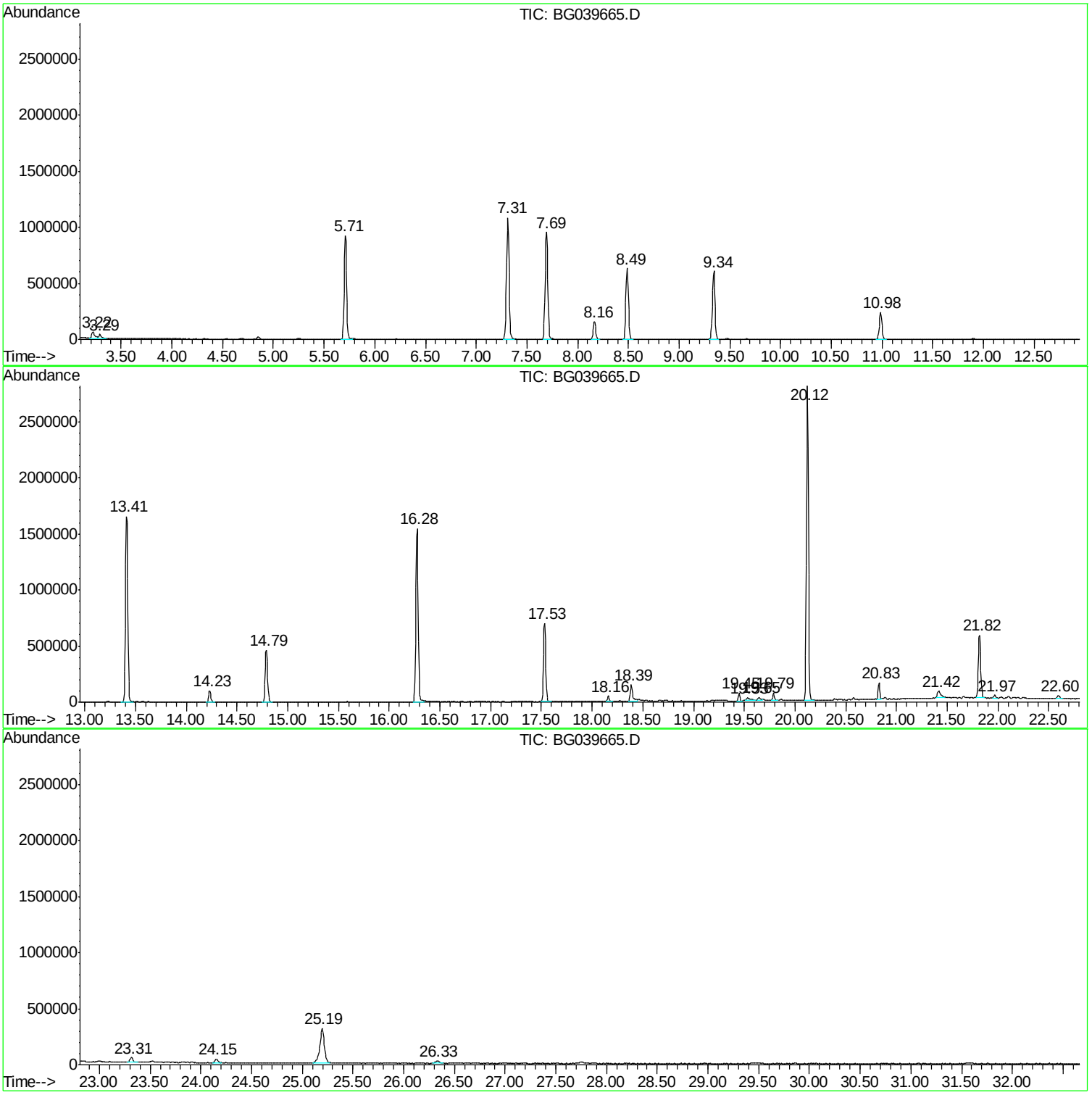
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039665.D
Acq On : 28 Feb 2019 18:19
Operator : JU/SJ
Sample : K1628-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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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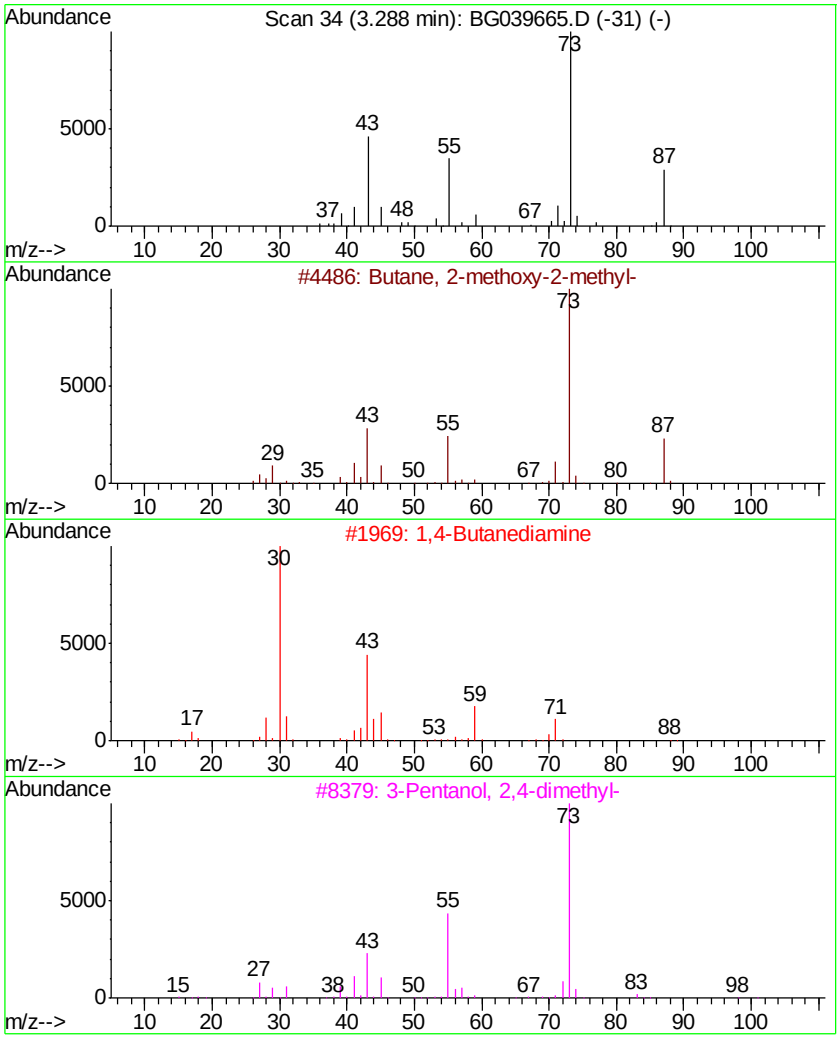
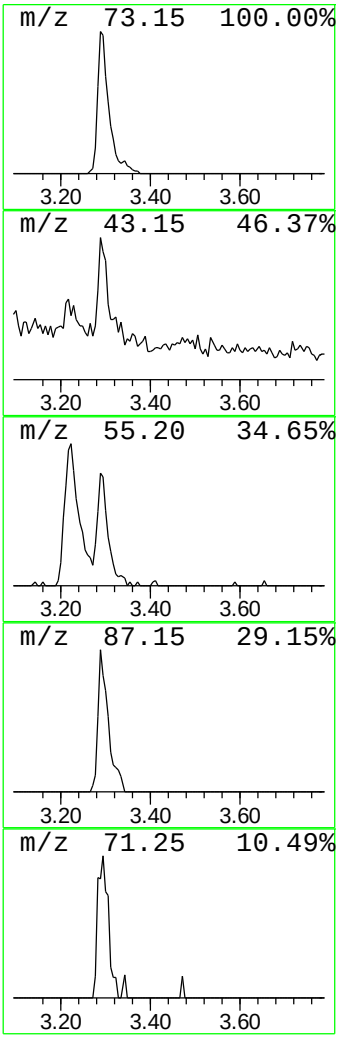
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.53 ng	63051	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





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Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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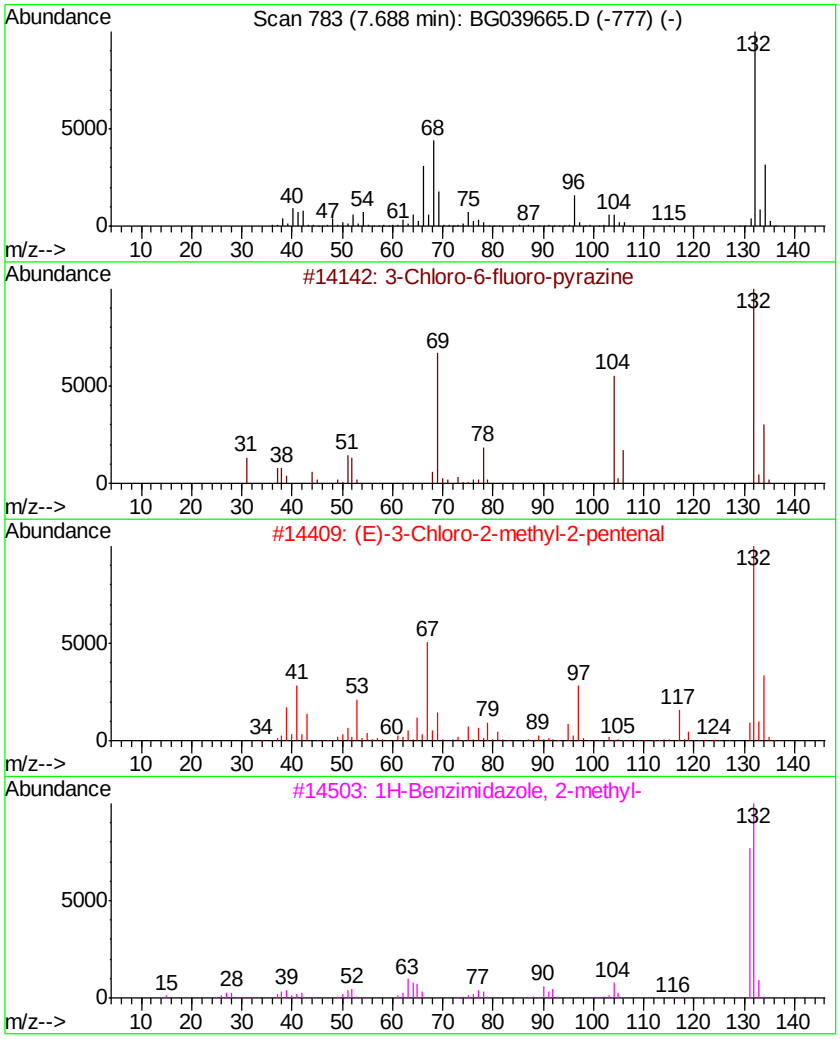
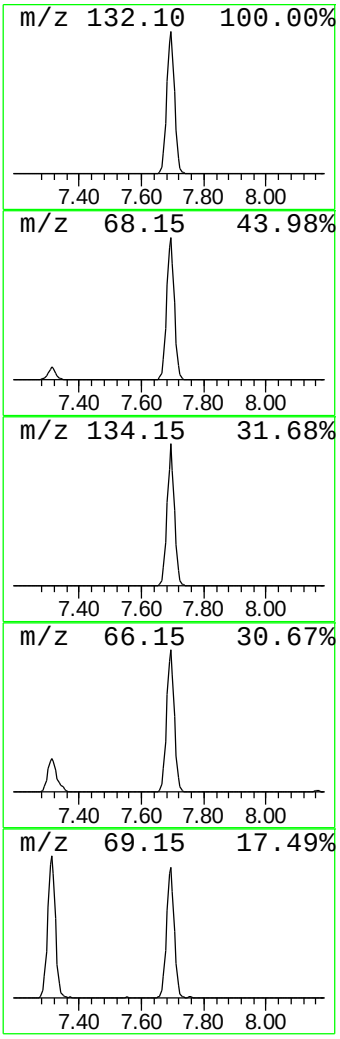
Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	120.03 ng	1670920	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10





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ClientSampleId : A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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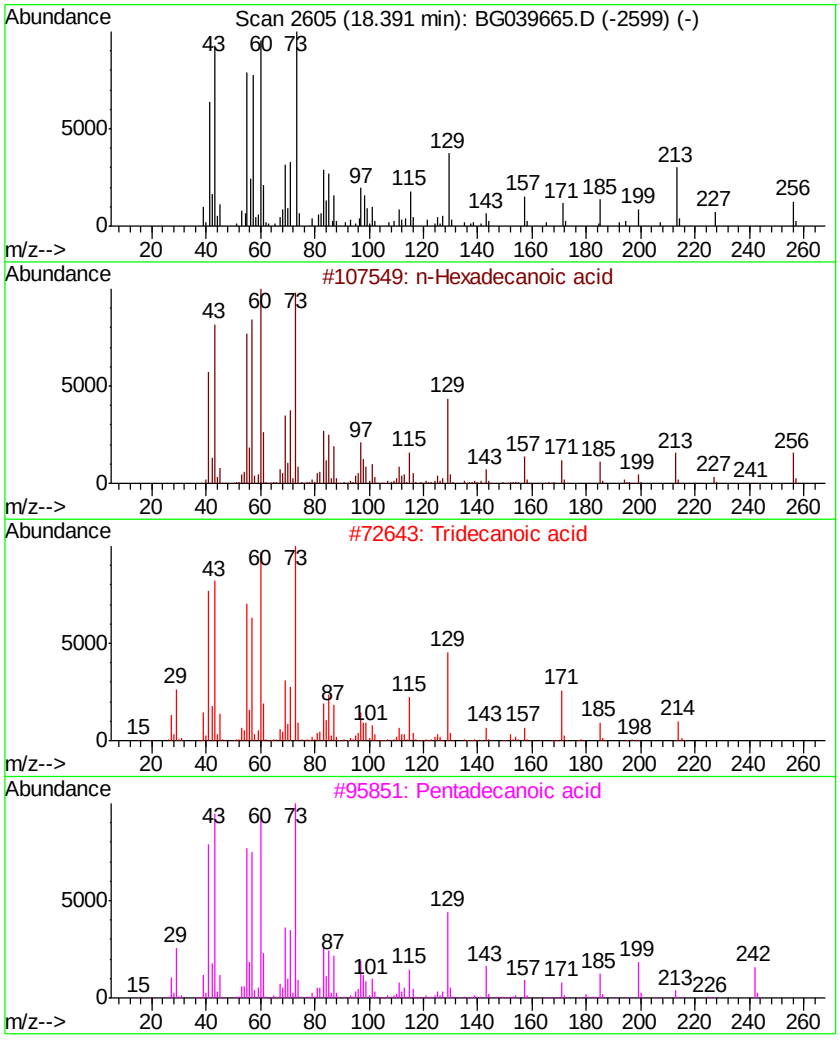
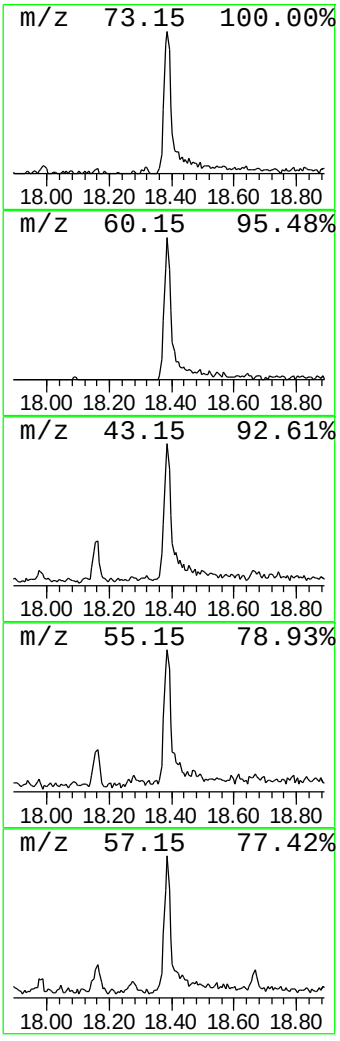
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.67 ng	253415	Phenanthrene-d10	17.53

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Misc :
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Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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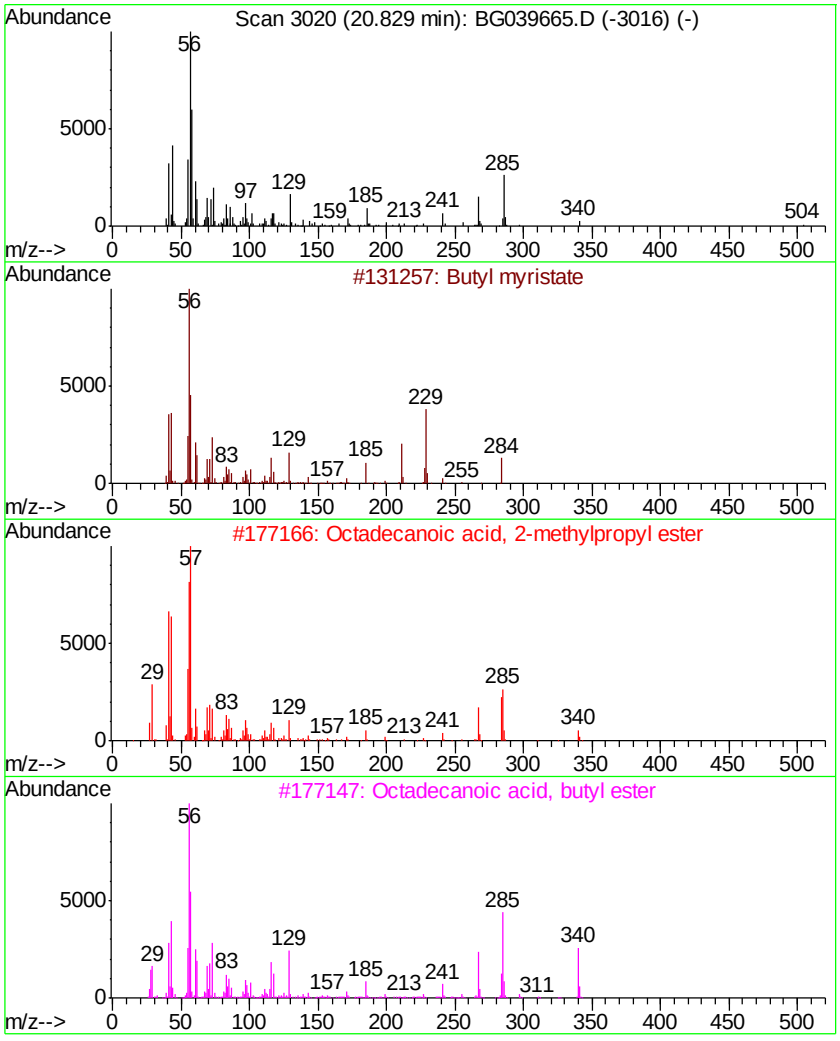
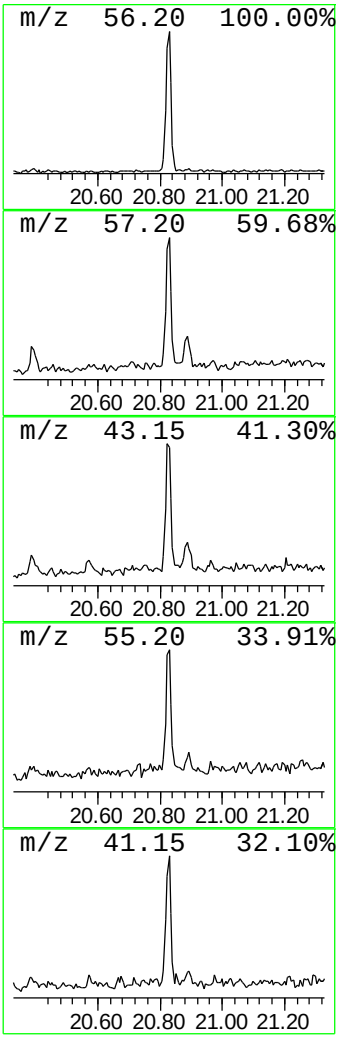
Peak Number 6 Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.57 ng	168863	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	68
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	62
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
4	(S)-(-)-2-Azetidinecarboxlic acid	101	C4H7NO2	002133-34-8	35
5	2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A0C5-1-0.5-1.0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
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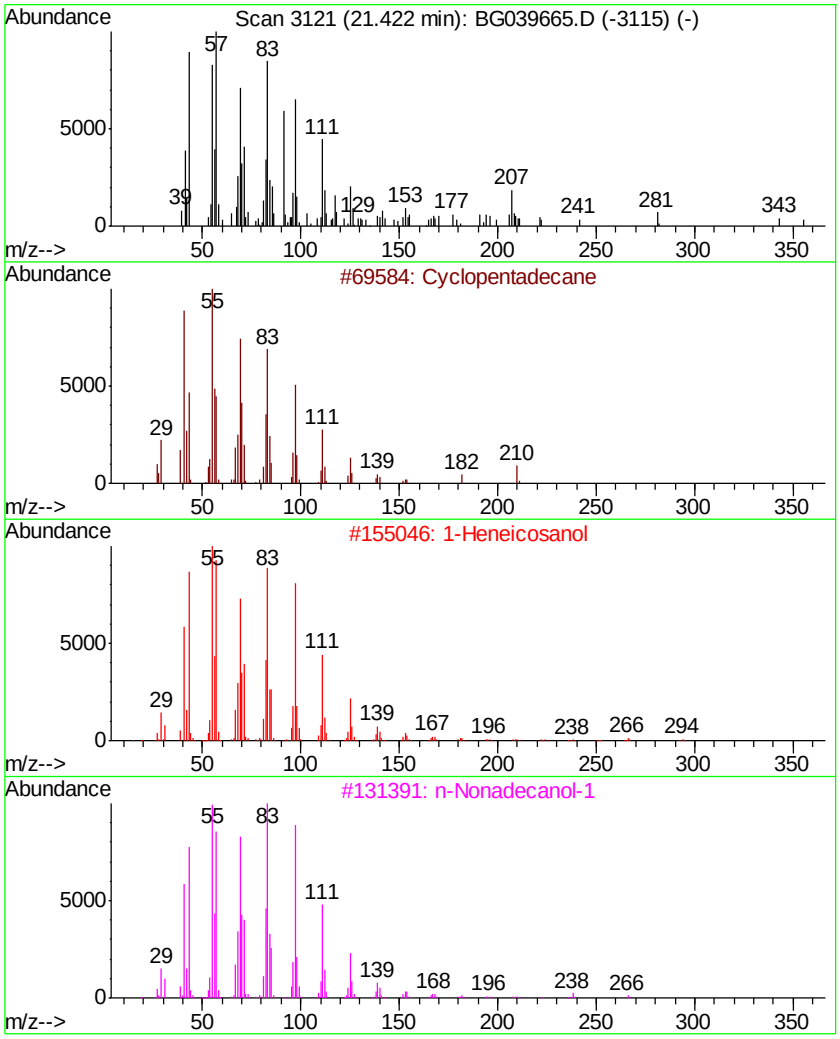
TIC Integration Parameters: LSCINT.P

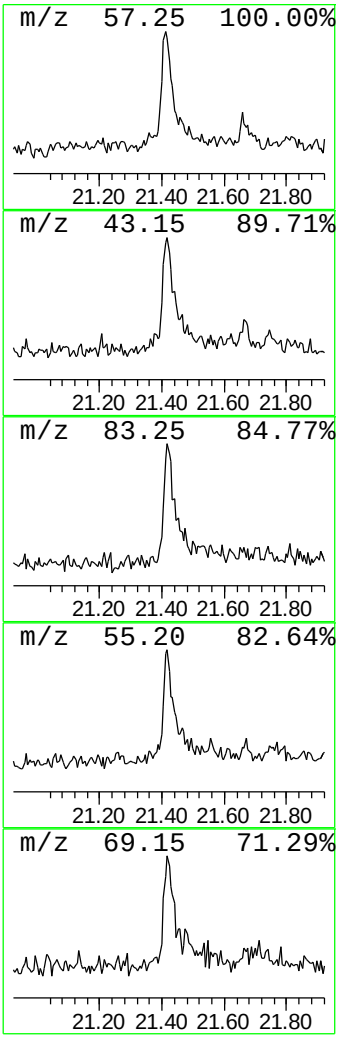
****

Peak Number 7 Cyclopentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.93 ng	138348	Chrysene-d12	21.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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...	3.29	4.5	ng	63051	1	8.17	278426	20.0
unknown7.69	7.69	120.0	ng	1670920	1	8.17	278426	20.0
n-Hexadecanoic acid	18.39	4.7	ng	253415	4	17.53	1085950	20.0
Butyl myristate	20.83	3.6	ng	168863	5	21.82	945705	20.0
Cyclopentadecane	21.42	2.9	ng	138348	5	21.82	945705	20.0