LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
Data File : BG043634.D
Acq On : 14 Nov 2019 15:18
Operator : JU
Sample : K5826-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

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-BG102119.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	3.159	8	12	25	rVB	74985	114647	5.95%	1.107%
2	5.097	336	342	352	rBV	65275	109269	5.67%	1.055%
3	5.591	419	426	439	rBV	313804	561521	29.14%	5.421%
4	7.195	691	699	714	rBV	336645	689383	35.77%	6.655%
5	7.542	748	758	775	rBV	354984	653393	33.90%	6.308%
6	7.994	828	835	844	rBV	102977	185428	9.62%	1.790%
7	8.317	883	890	899	rBV	271781	495831	25.73%	4.787%
8	9.163	1026	1034	1047	rBV	172482	373010	19.36%	3.601%
9	10.803	1304	1313	1324	rBV	119057	248910	12.92%	2.403%
10	13.253	1723	1730	1746	rBV	594180	1031093	53.50%	9.954%
11	14.081	1861	1871	1884	rBV	61164	119969	6.23%	1.158%
12	14.627	1958	1964	1976	rBV	247110	419264	21.76%	4.048%
13	16.120	2211	2218	2237	rBV	501726	925585	48.03%	8.936%
14	17.377	2424	2432	2448	rBV	299760	553022	28.70%	5.339%
15	18.264	2579	2583	2587	rBV4	14868	20709	1.07%	0.200%
16	19.980	2869	2875	2887	rBV	1410524	1927131	100.00%	18.604%
17	21.008	3044	3050	3052	rBV7	13215	22921	1.19%	0.221%
18	21.284	3092	3097	3113	rVB3	38270	120305	6.24%	1.161%
19	21.637	3149	3157	3168	rBV	381761	713269	37.01%	6.886%
20	21.819	3183	3188	3192	rBV2	18295	26705	1.39%	0.258%
21	22.412	3285	3289	3295	rVB5	19448	31146	1.62%	0.301%
22	23.094	3398	3405	3413	rBV3	30970	66668	3.46%	0.644%
23	23.887	3534	3540	3547	rBV3	28676	61548	3.19%	0.594%
24	24.821	3688	3699	3713	rBV	267213	826222	42.87%	7.976%
25	25.920	3877	3886	3894	rBV6	20685	61538	3.19%	0.594%

Sum of corrected areas: 10358487

LSC Report - Integrated Chromatogram

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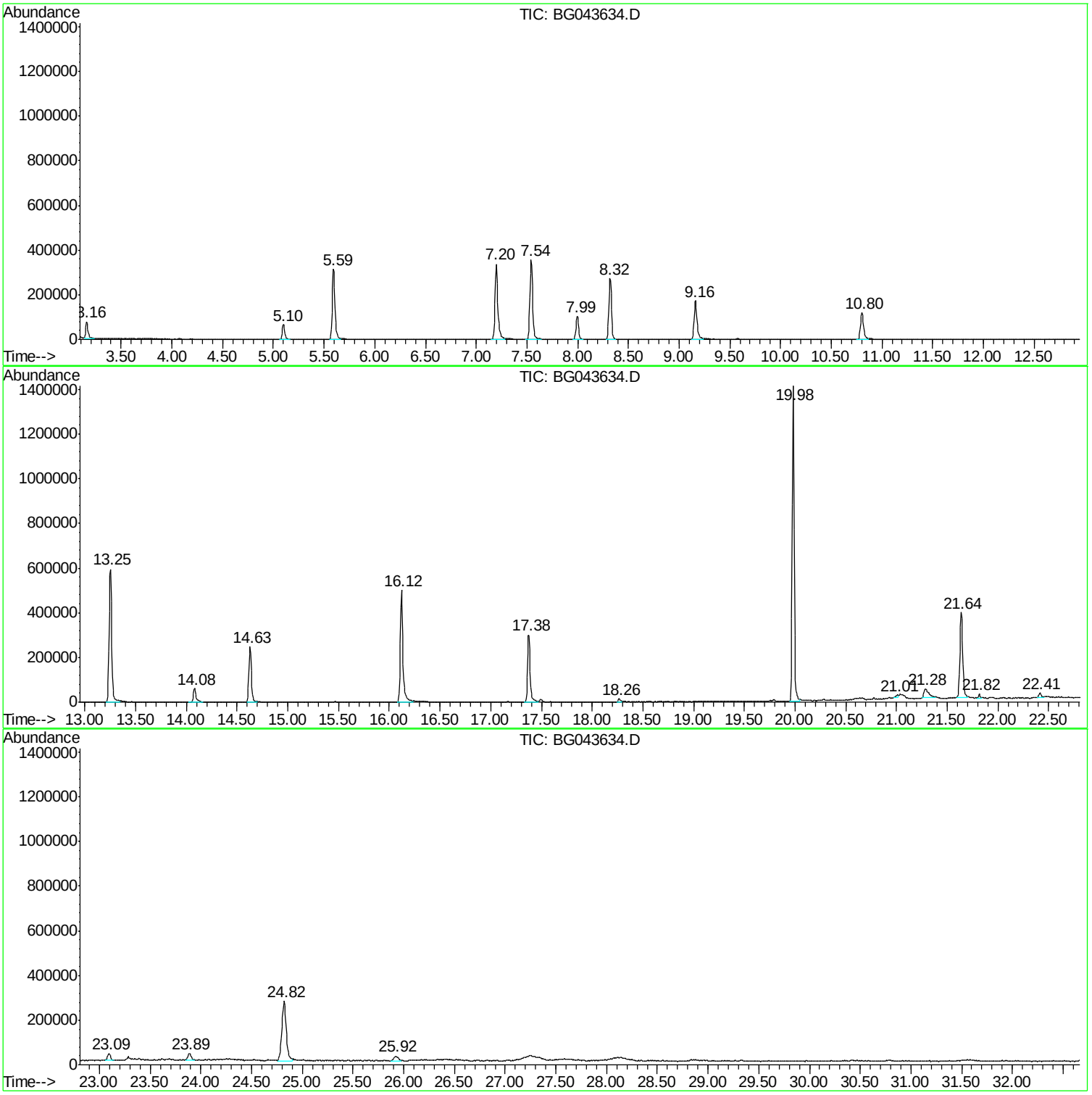
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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Data File : BG043634.D
Acq On : 14 Nov 2019 15:18
Operator : JU
Sample : K5826-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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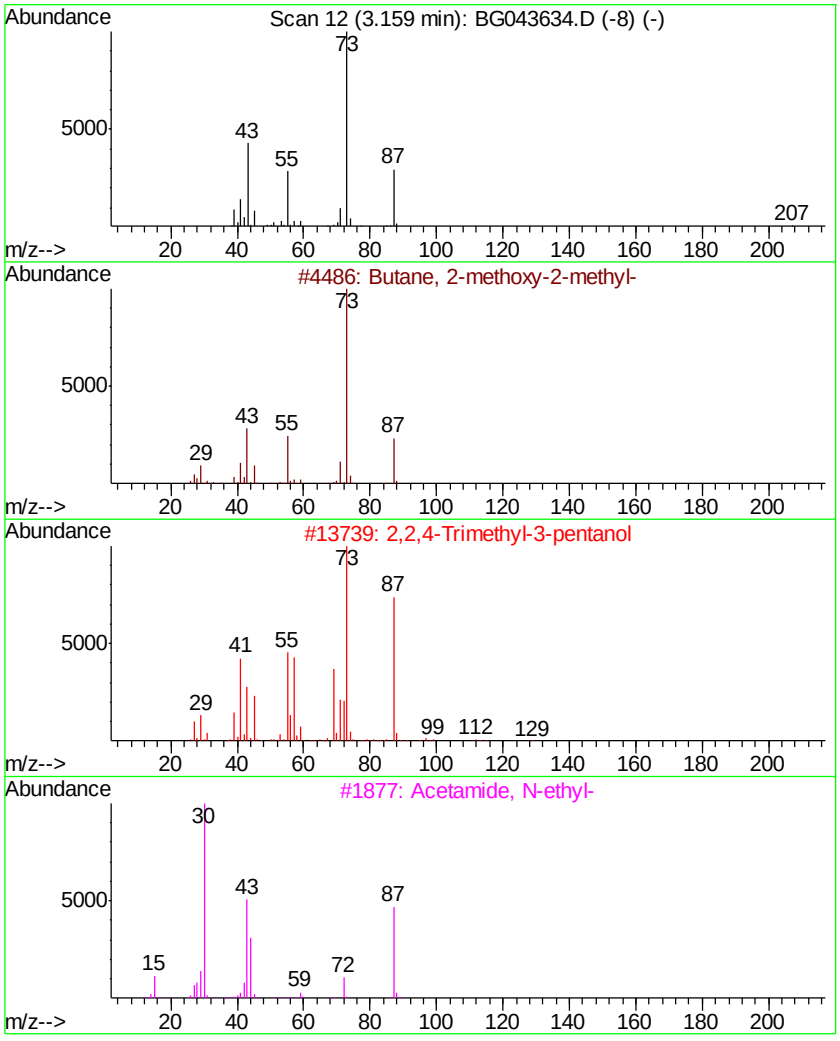
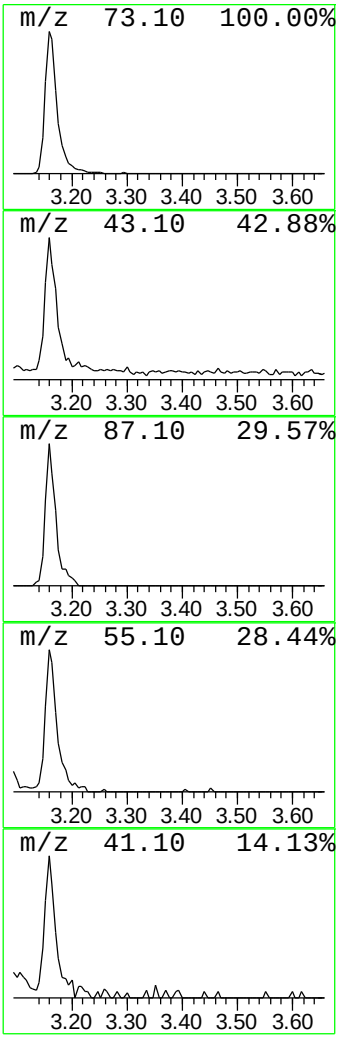
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	12.37 ng	114647	1,4-Dichlorobenzene-d4	8.00

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Sample : K5826-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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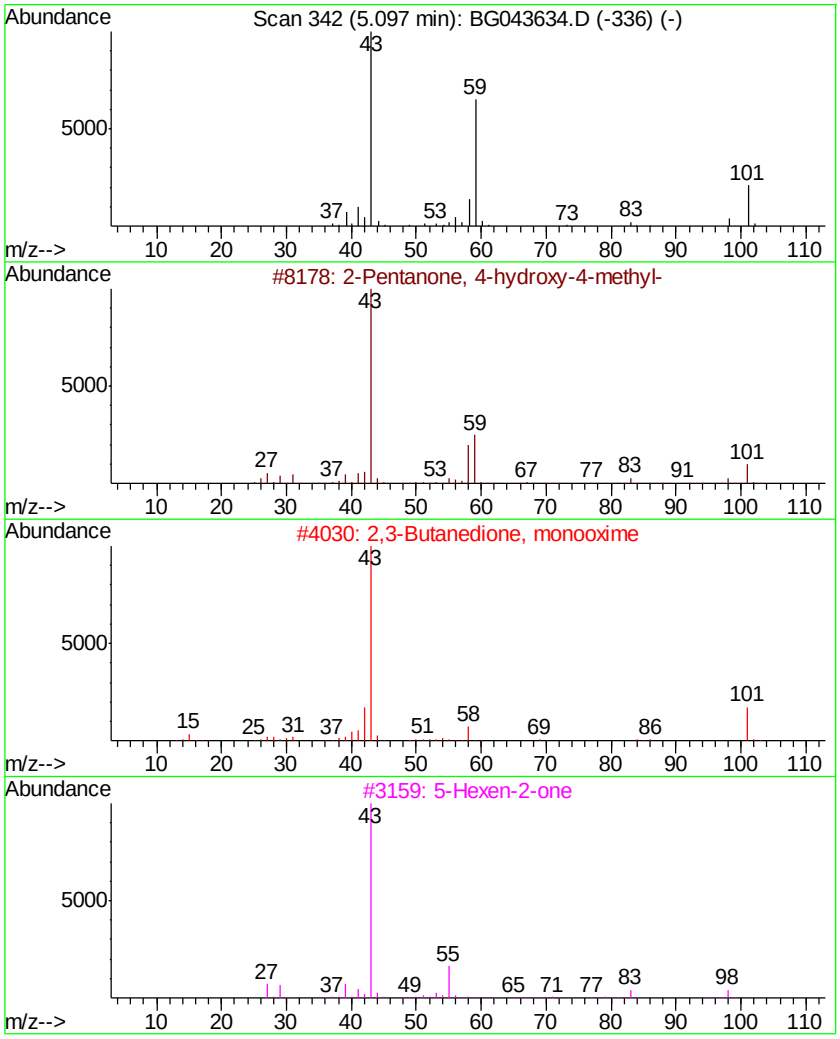
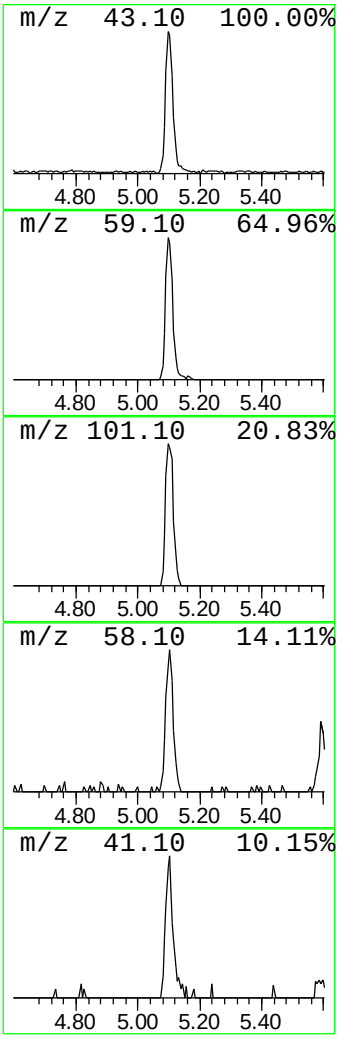
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	11.79 ng	109269	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane	58	C4H10	000106-97-8	9





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Data File : BG043634.D
Acq On : 14 Nov 2019 15:18
Operator : JU
Sample : K5826-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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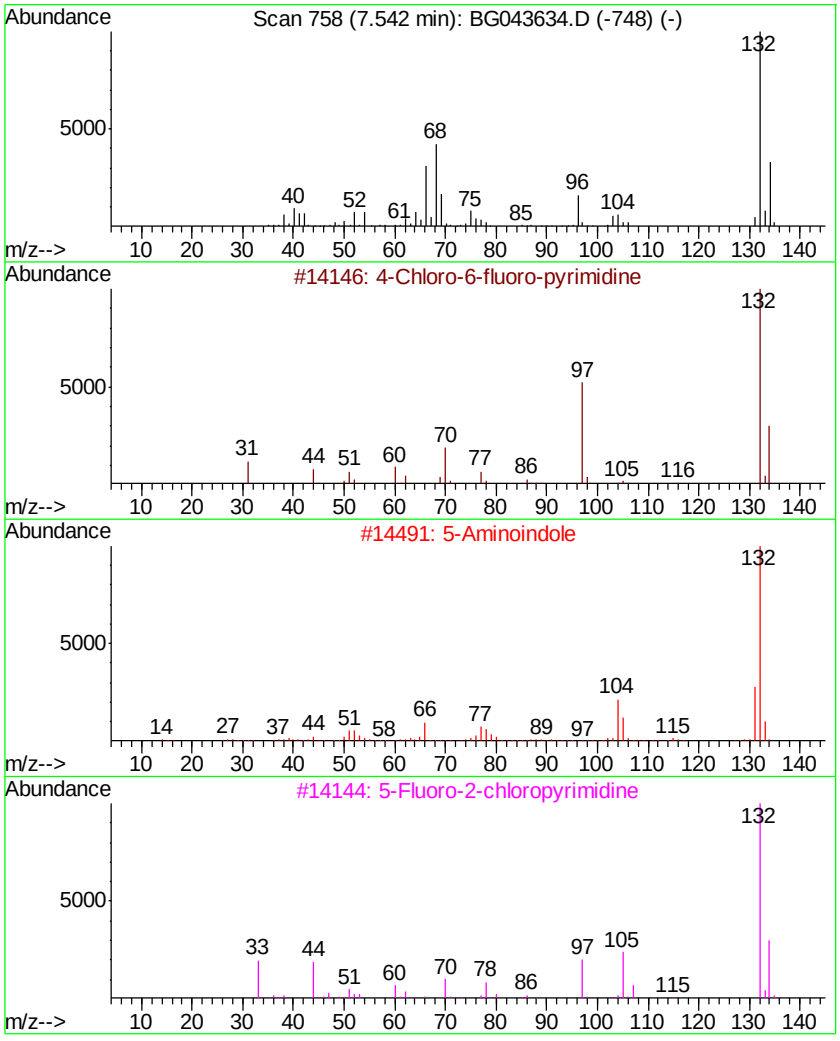
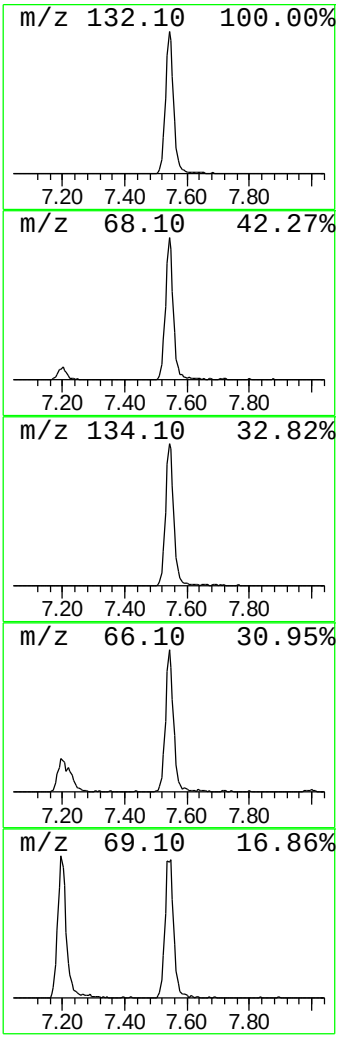
Peak Number 3 unknown7.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	70.47 ng	653393	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Misc :
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Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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TIC Library : C:\Database\NIST11.L
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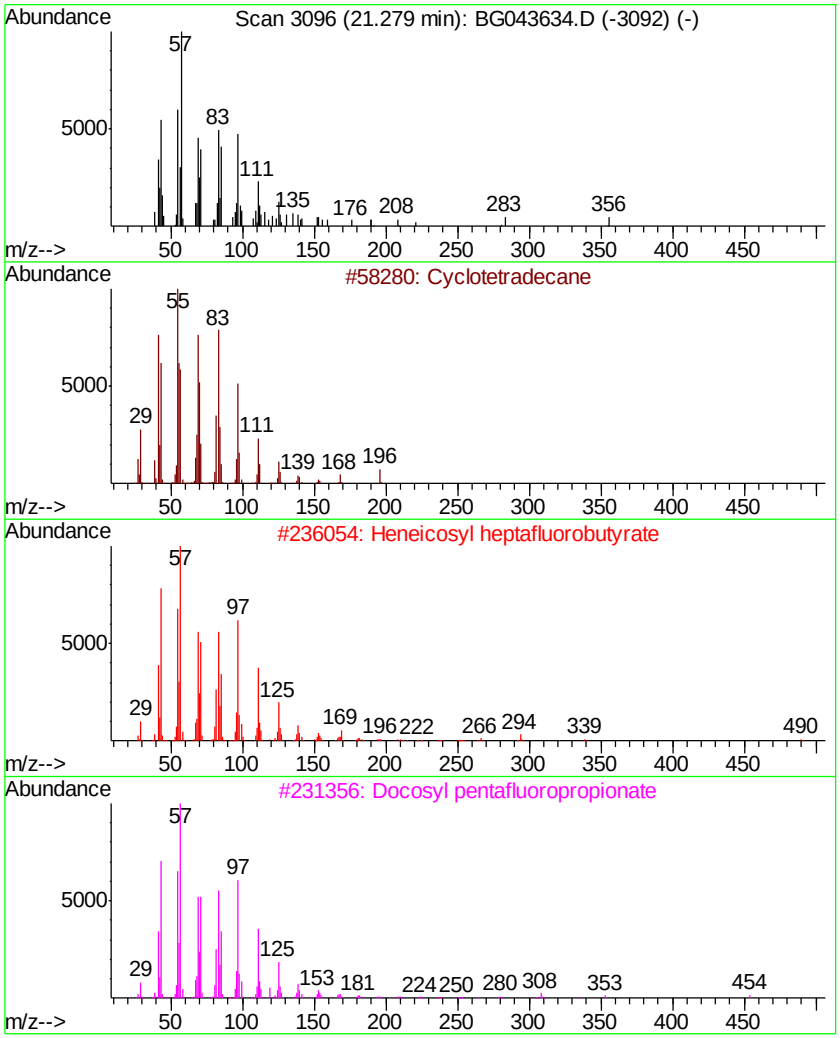
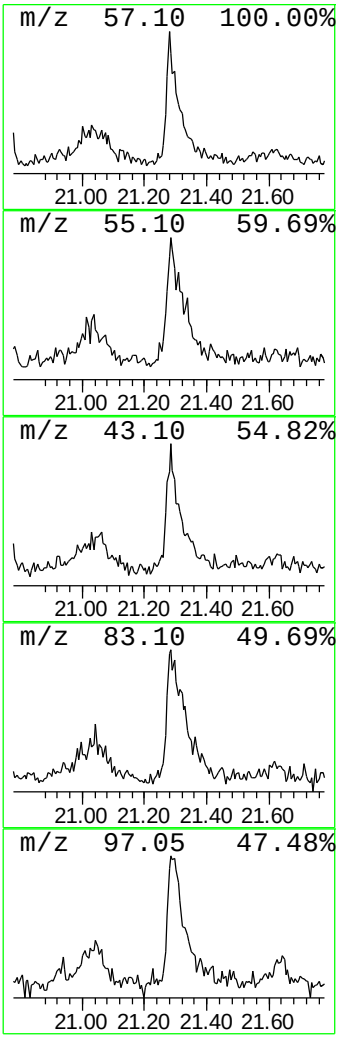
Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	3.37 ng	120305	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	81
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	74
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
5	17-Pentatriacontene	491	C35H70	006971-40-0	72





Tentatively Identified Compound (LSC) summary

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Sample : K5826-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.16	12.4	ng	114647	1	8.00	185428	20.0
2-Pentanone, 4-hy...	5.10	11.8	ng	109269	1	8.00	185428	20.0
unknown7.54	7.54	70.5	ng	653393	1	8.00	185428	20.0
Cyclotetradecane	21.28	3.4	ng	120305	5	21.64	713269	20.0