LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042539.D
Acq On : 28 Aug 2019 19:18
Operator : HP/JU
Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

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-BG082219.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	3.120	3	5	20	rVB	423230	537970	22.26%	4.520%
2	5.558	411	420	432	rBV	357397	604570	25.01%	5.080%
3	7.162	684	693	710	rBV	362751	681416	28.19%	5.726%
4	7.532	747	756	768	rBV	393231	694092	28.72%	5.832%
5	7.997	829	835	842	rBV	98674	171962	7.12%	1.445%
6	8.326	883	891	900	rBV	331750	568658	23.53%	4.778%
7	9.166	1026	1034	1046	rBV	197462	380958	15.76%	3.201%
8	10.823	1306	1316	1327	rBV	113744	221460	9.16%	1.861%
9	13.279	1725	1734	1757	rBV	687837	1119381	46.32%	9.406%
10	14.113	1869	1876	1892	rBV	31795	63809	2.64%	0.536%
11	14.659	1962	1969	1981	rBV	216268	358925	14.85%	3.016%
12	16.152	2216	2223	2245	rBV	571355	1070953	44.31%	8.999%
13	17.409	2431	2437	2450	rBV2	333791	535760	22.17%	4.502%
14	17.533	2453	2458	2465	rVB6	15260	24269	1.00%	0.204%
15	20.024	2875	2882	2892	rBV	1808622	2416886	100.00%	20.308%
16	20.823	3013	3018	3022	rBV2	25996	33540	1.39%	0.282%
17	21.328	3098	3104	3118	rBV2	107383	222715	9.21%	1.871%
18	21.686	3158	3165	3177	rBV	459810	776306	32.12%	6.523%
19	21.880	3193	3198	3207	rVB	48850	72654	3.01%	0.610%
20	22.491	3297	3302	3309	rBV	61179	113129	4.68%	0.951%
21	23.191	3415	3421	3430	rBV	71136	137965	5.71%	1.159%
22	24.001	3552	3559	3566	rBV3	54631	124830	5.16%	1.049%
23	24.930	3706	3717	3734	rVB2	286520	918255	37.99%	7.716%
24	26.105	3910	3917	3924	rVB6	18239	50814	2.10%	0.427%

Sum of corrected areas: 11901277

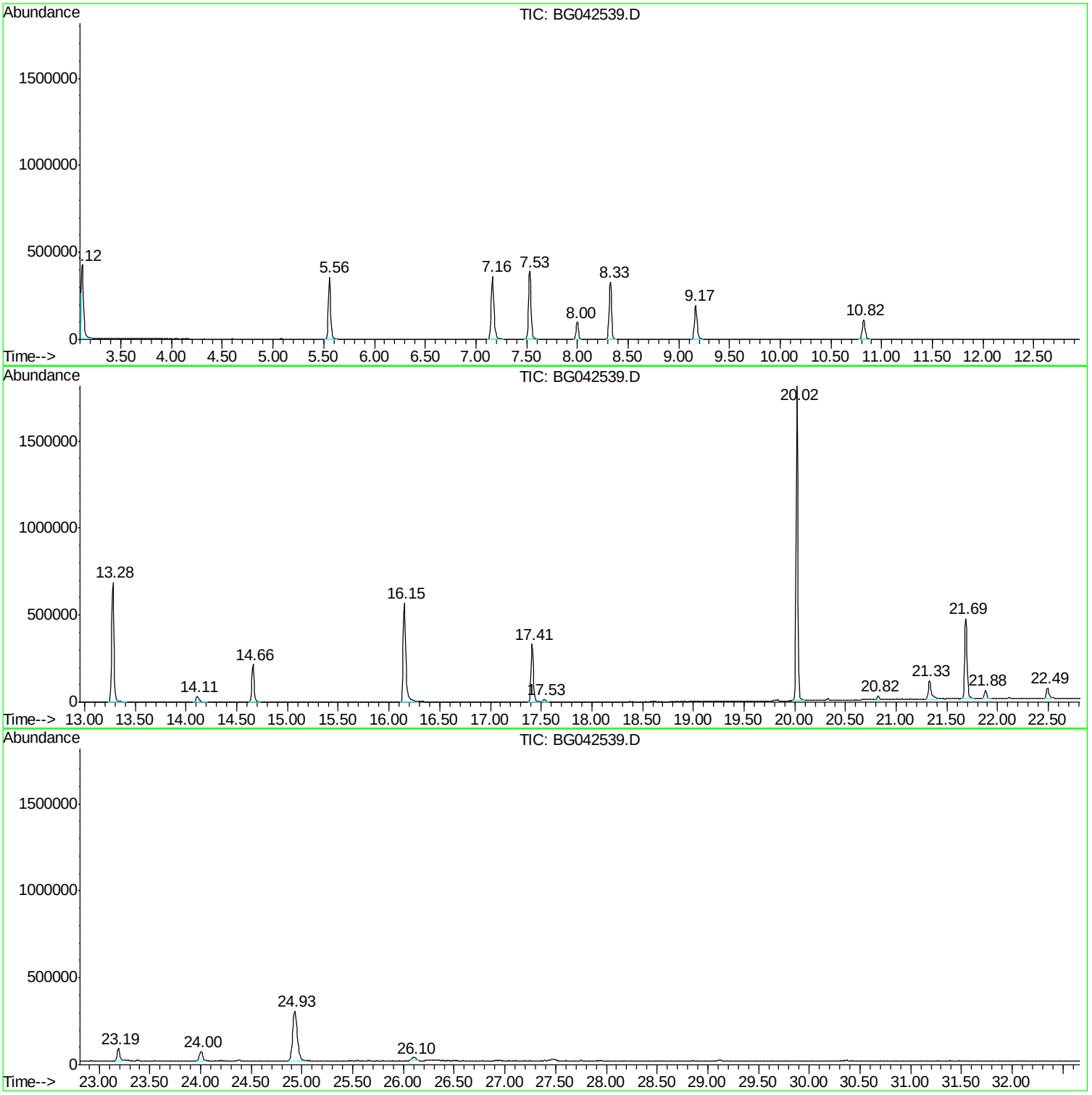
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042539.D
Acq On : 28 Aug 2019 19:18
Operator : HP/JU
Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042539.D
Acq On : 28 Aug 2019 19:18
Operator : HP/JU
Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

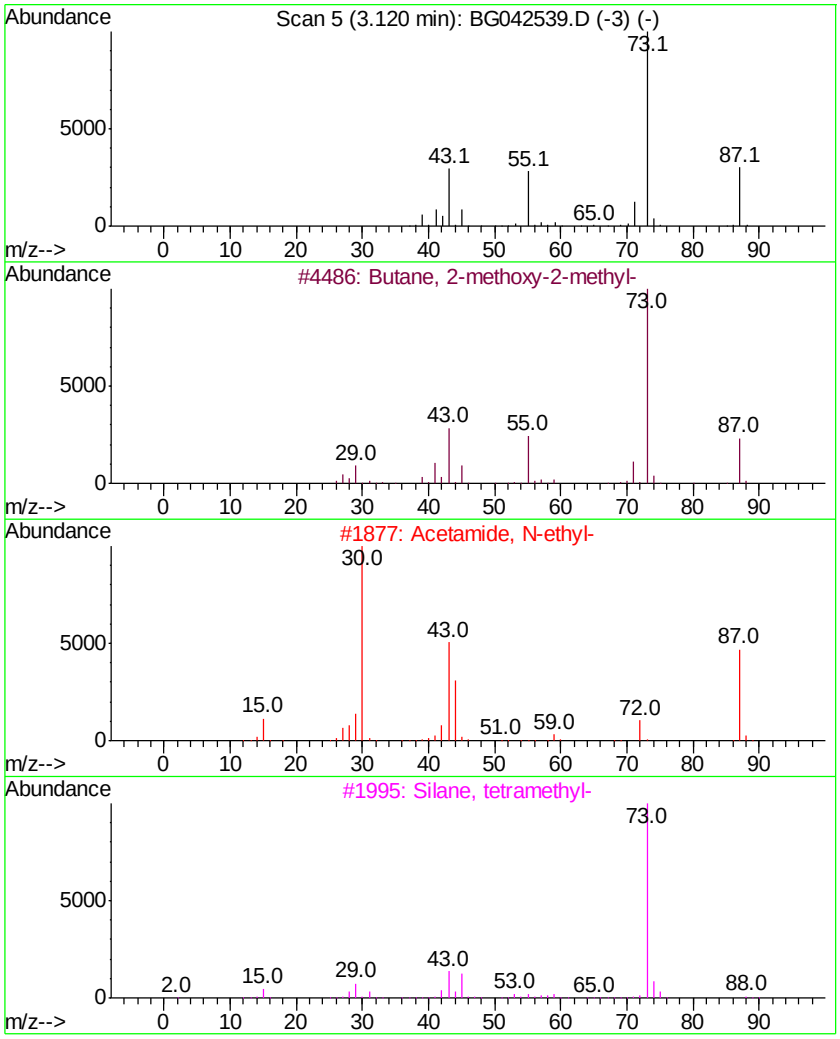
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

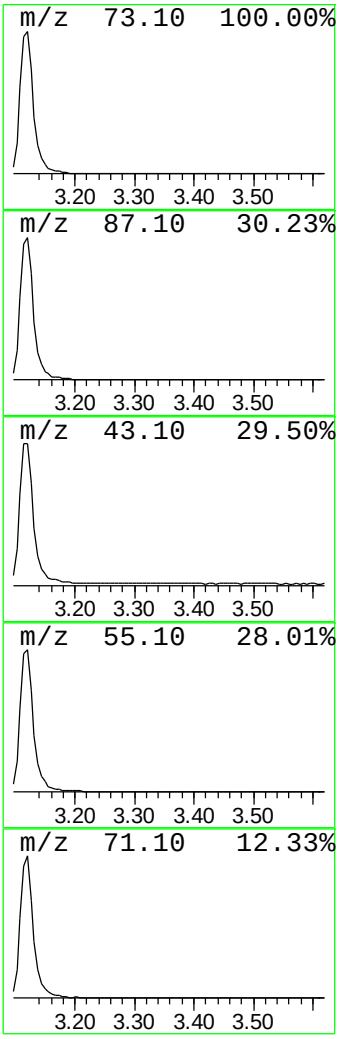
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	62.57 ng	537970	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	72
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042539.D
Acq On : 28 Aug 2019 19:18
Operator : HP/JU
Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

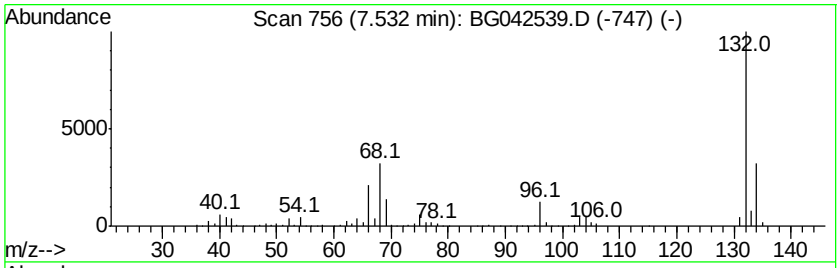
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

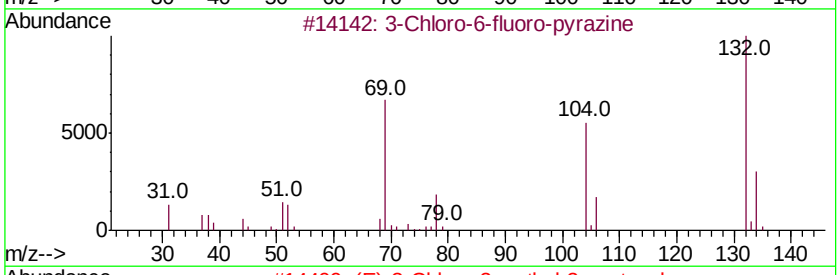
****

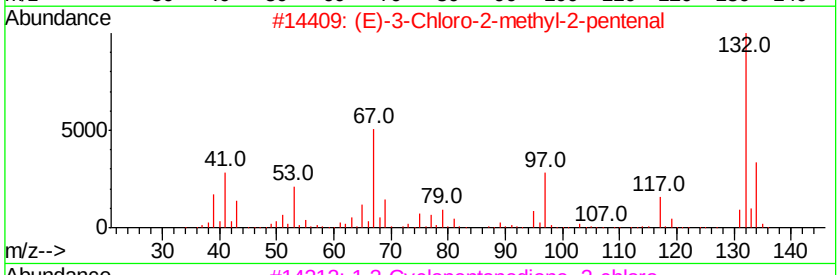
Peak Number 2 unknown7.53 Concentration Rank 1

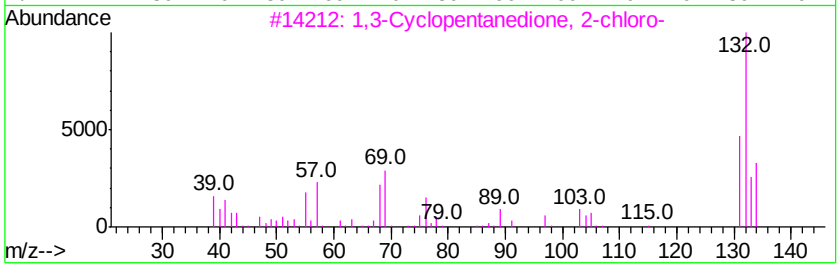
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	80.73 ng	694092	1,4-Dichlorobenzene-d4	8.00

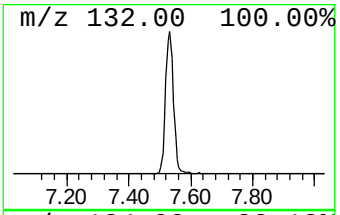
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9

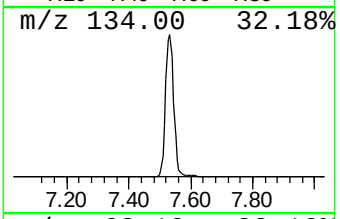


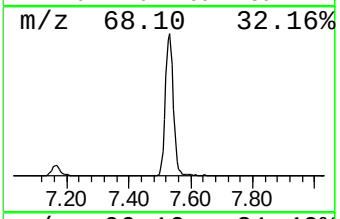


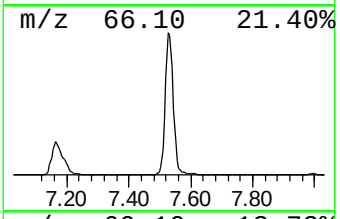


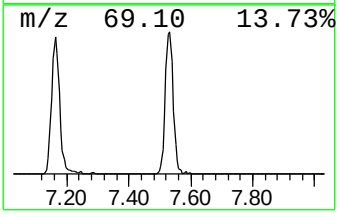












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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Acq On : 28 Aug 2019 19:18
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Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

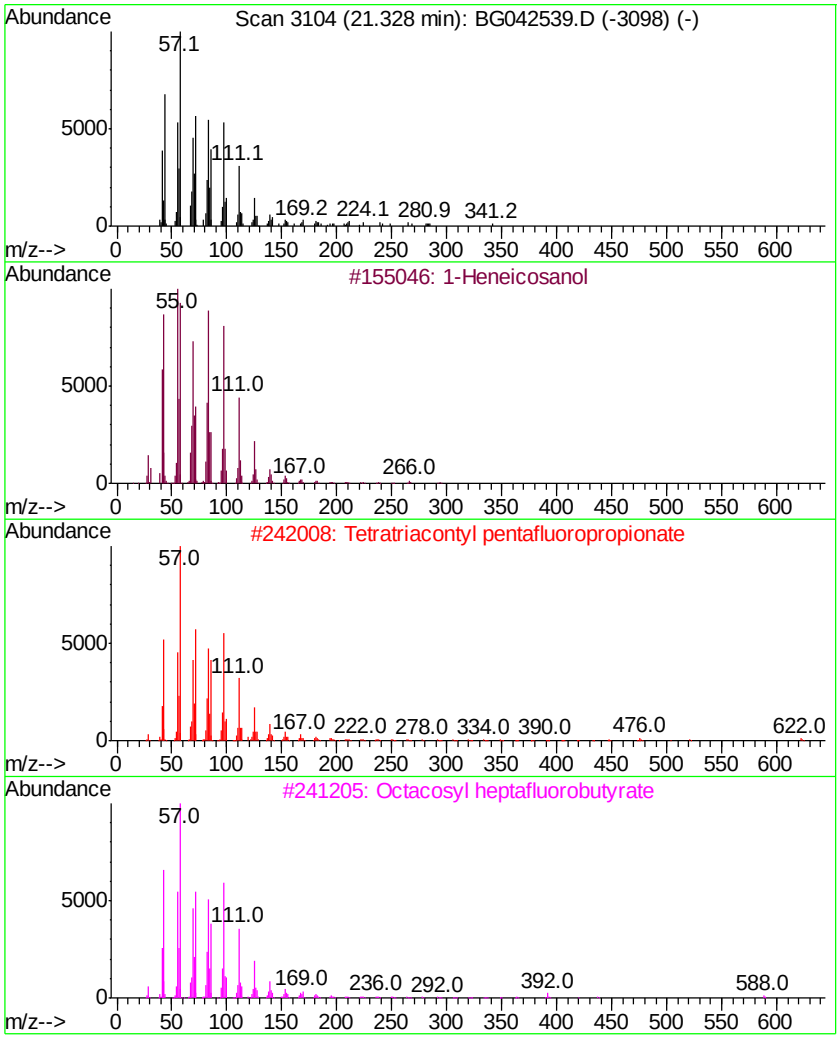
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

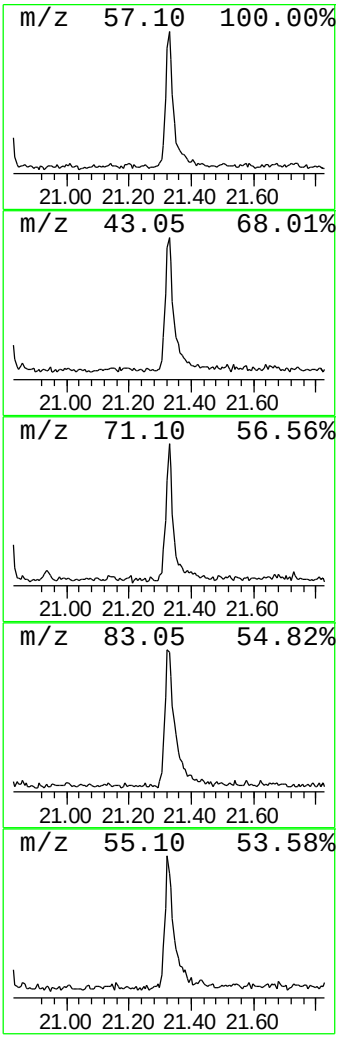
****

Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	5.74 ng	222715	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	87
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	87
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	Cyclohexadecane	224	C16H32	000295-65-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

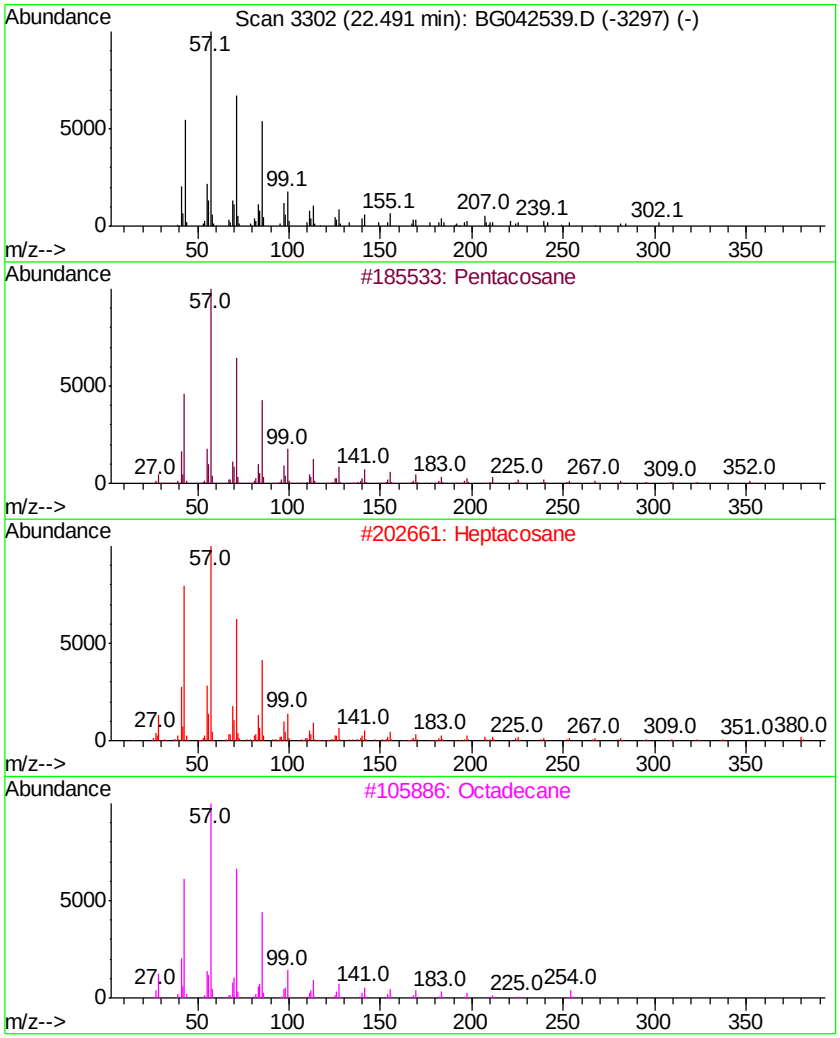
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

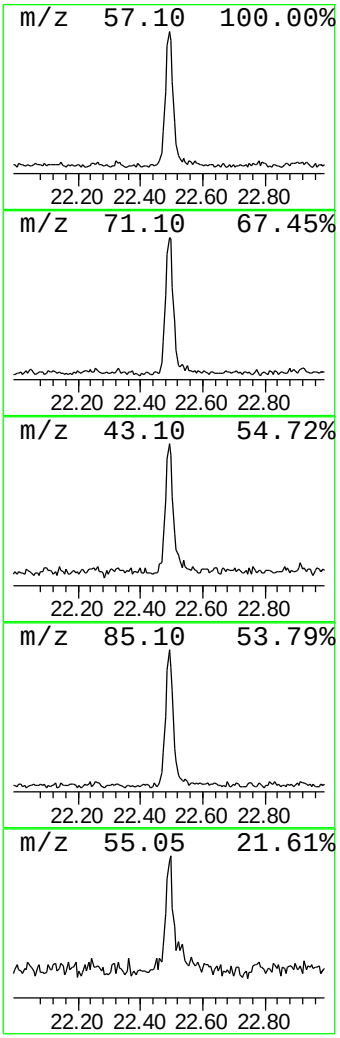
****

Peak Number 5 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.91 ng	113129	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042539.D
Acq On : 28 Aug 2019 19:18
Operator : HP/JU
Sample : K4571-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-200028

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

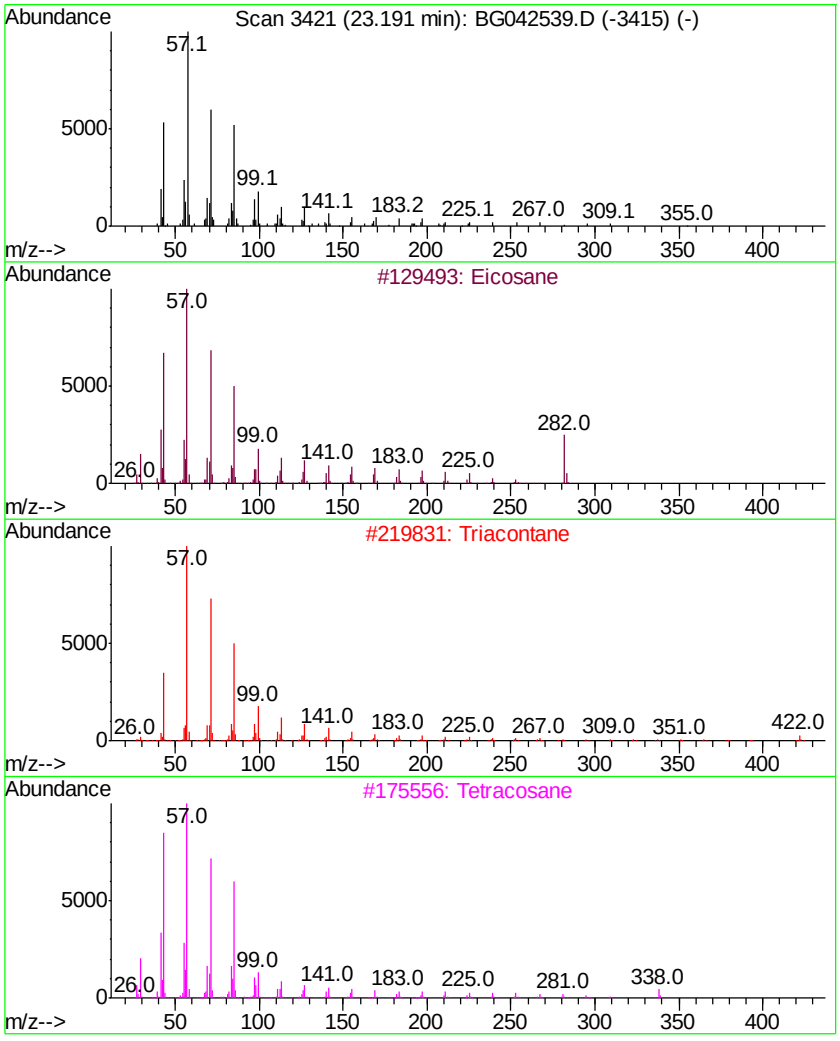
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

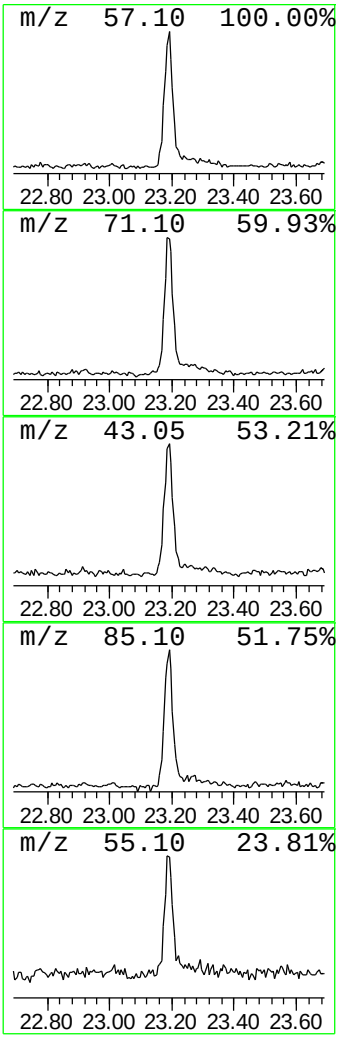
****

Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.55 ng	137965	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Misc :
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Instrument : BNA_G
ClientSampleId : RBR-200028

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

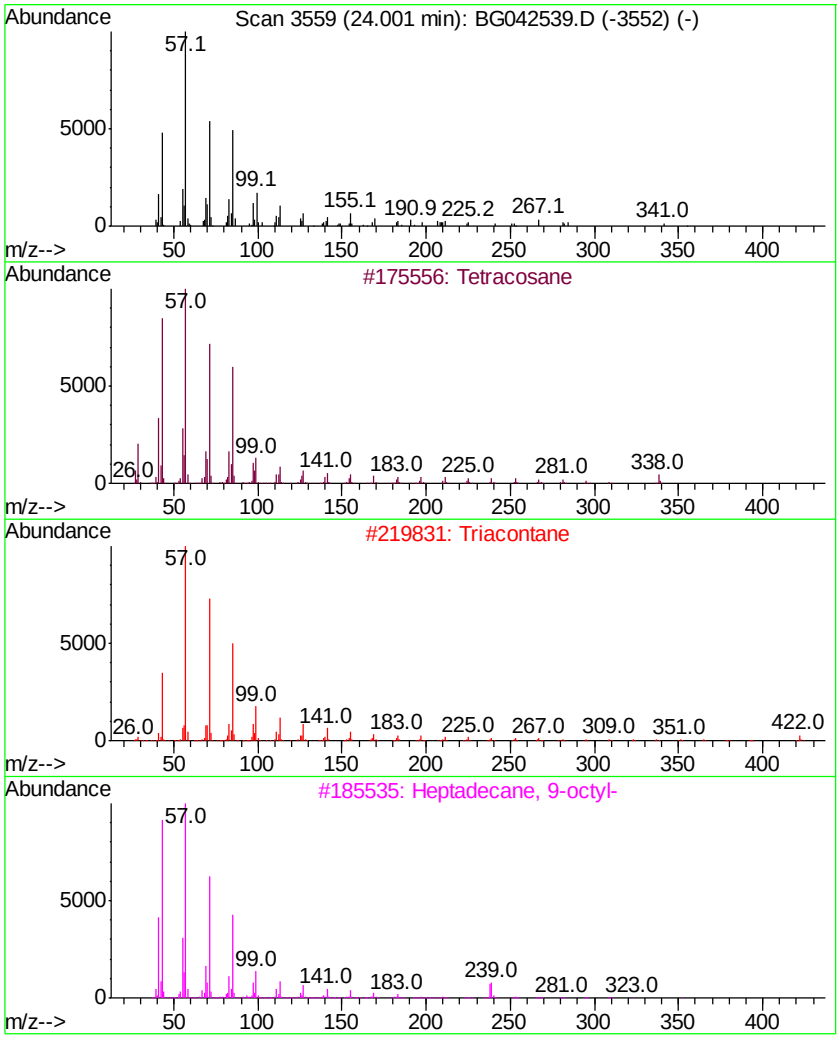
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

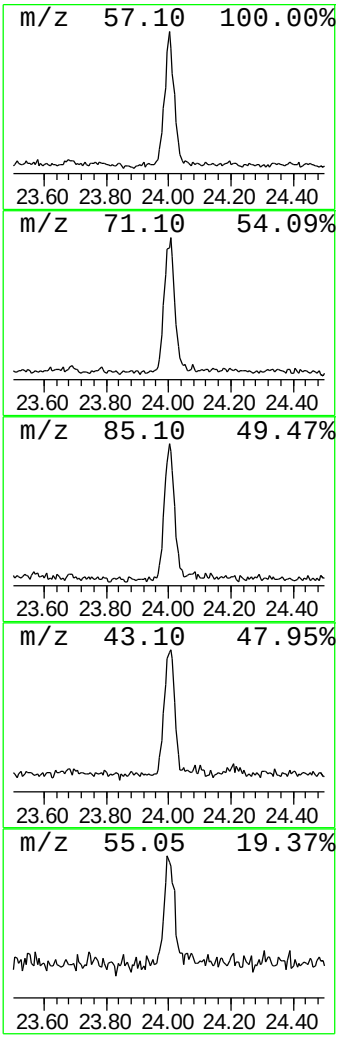
****

Peak Number 7 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.72 ng	124830	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87





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...	3.12	62.6	ng	537970	1	8.00	171962	20.0
unknown7.53	7.53	80.7	ng	694092	1	8.00	171962	20.0
1-Heneicosanol	21.33	5.7	ng	222715	5	21.69	776306	20.0
Pentacosane	22.49	2.9	ng	113129	5	21.69	776306	20.0
Eicosane	23.19	3.5	ng	137965	5	21.69	776306	20.0
Tetracosane	24.00	2.7	ng	124830	6	24.93	918255	20.0