LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042541.D
Acq On : 28 Aug 2019 20:36
Operator : HP/JU
Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

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	17	rVB	546208	797417	32.25%	5.805%
2	5.558	413	420	435	rBV	473011	787258	31.84%	5.731%
3	7.162	685	693	710	rBV	455431	848952	34.33%	6.180%
4	7.532	748	756	772	rBV	511506	888137	35.92%	6.465%
5	7.996	828	835	844	rVB	110705	183808	7.43%	1.338%
6	8.325	883	891	903	rBV	402877	697836	28.22%	5.080%
7	9.166	1027	1034	1048	rBV	257137	491287	19.87%	3.576%
8	10.823	1309	1316	1331	rBV	123976	235417	9.52%	1.714%
9	13.278	1726	1734	1749	rBV	767211	1260166	50.96%	9.174%
10	14.107	1868	1875	1885	rBV	145925	253119	10.24%	1.843%
11	14.659	1962	1969	1980	rBV	225199	371191	15.01%	2.702%
12	16.152	2216	2223	2239	rBV	766755	1330835	53.82%	9.688%
13	17.409	2429	2437	2448	rBV2	326958	530593	21.46%	3.863%
14	20.023	2876	2882	2894	rBV	1812853	2472816	100.00%	18.002%
15	20.329	2927	2934	2937	rVB2	19021	26972	1.09%	0.196%
16	21.328	3098	3104	3124	rBV2	151990	323178	13.07%	2.353%
17	21.686	3158	3165	3178	rVB2	443454	774673	31.33%	5.639%
18	21.880	3193	3198	3203	rBV2	44893	65204	2.64%	0.475%
19	21.933	3203	3207	3215	rVB8	22027	39443	1.60%	0.287%
20	22.491	3297	3302	3308	rBV	56457	104936	4.24%	0.764%
21	23.190	3414	3421	3430	rBV	66874	132651	5.36%	0.966%
22	24.001	3552	3559	3567	rVB2	52379	114447	4.63%	0.833%
23	24.930	3705	3717	3737	rBV2	287413	956230	38.67%	6.961%
24	26.105	3911	3917	3926	rVB4	17702	50067	2.02%	0.364%

Sum of corrected areas: 13736633

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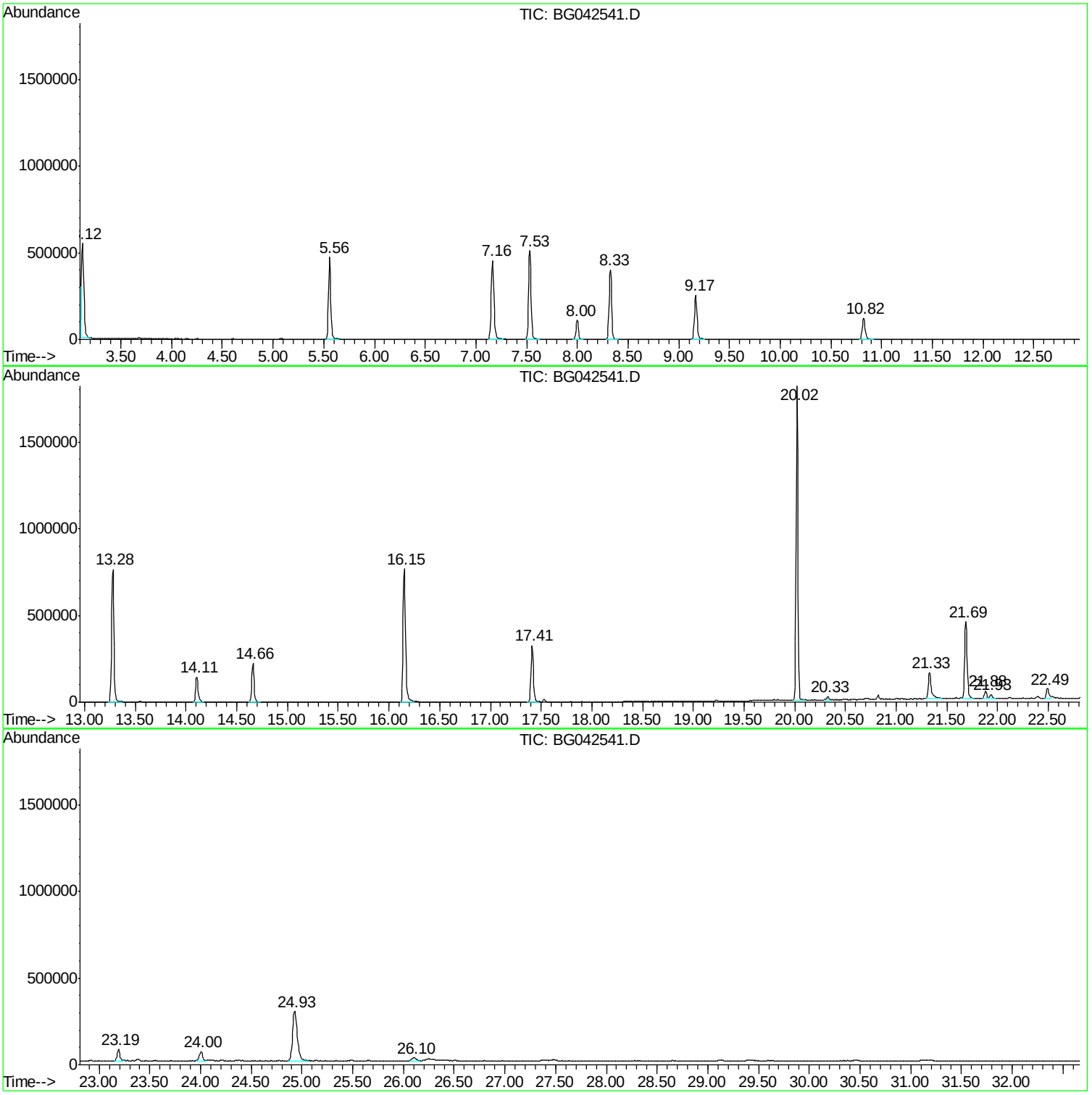
Instrument : BNA_G
ClientSampleId : SB-1-25-27

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042541.D
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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : SB-1-25-27

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

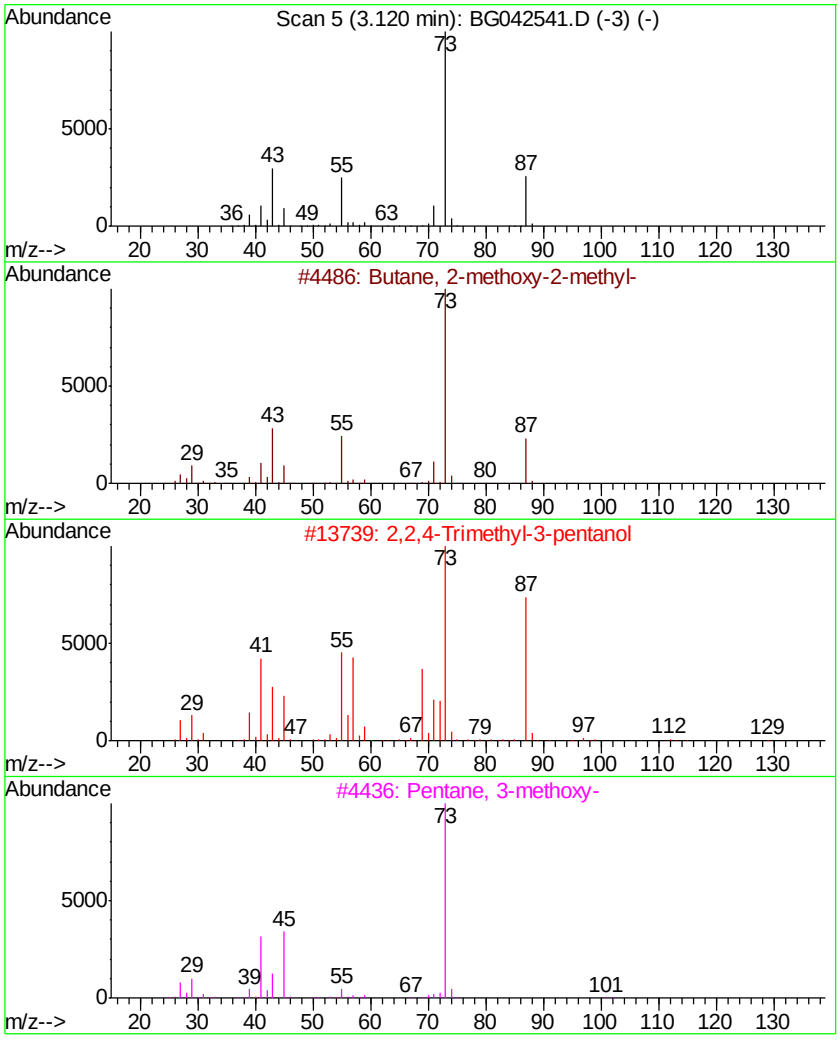
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

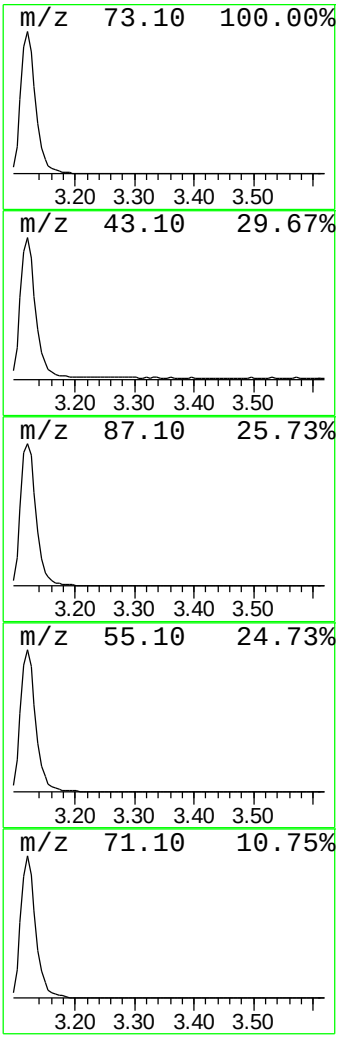
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	86.77 ng	797417	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	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Data File : BG042541.D
Acq On : 28 Aug 2019 20:36
Operator : HP/JU
Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

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

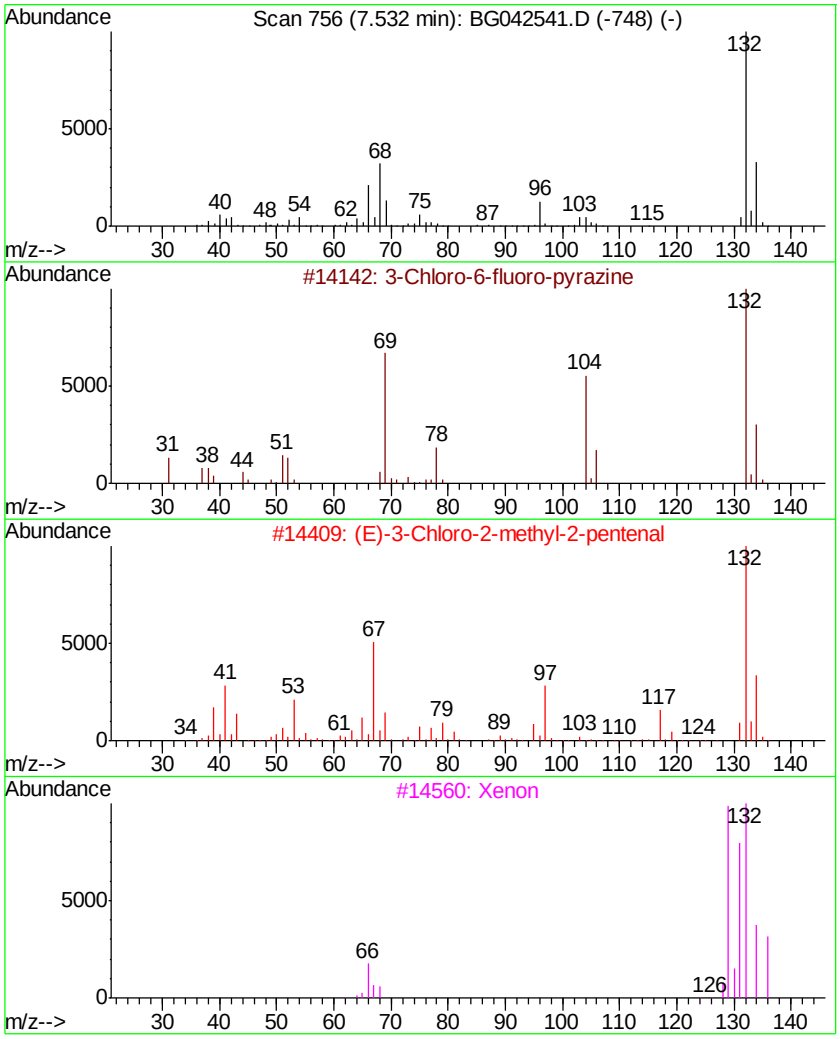
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

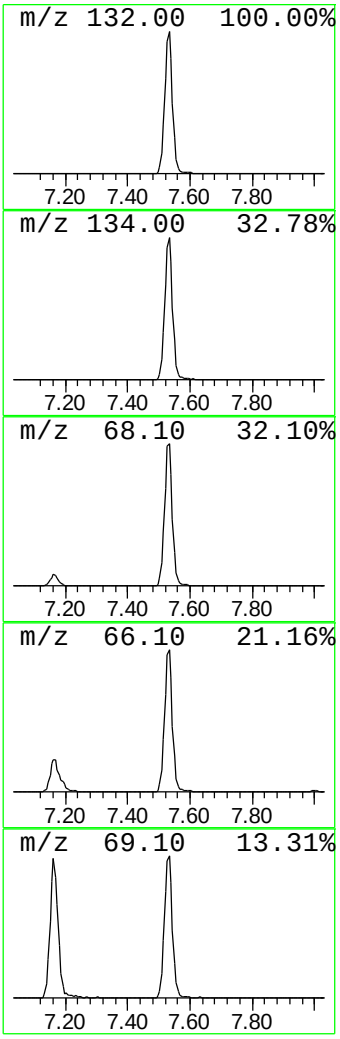
****

Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	96.64 ng	888137	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Xenon	132	Xe	007440-63-3	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042541.D
Acq On : 28 Aug 2019 20:36
Operator : HP/JU
Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

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
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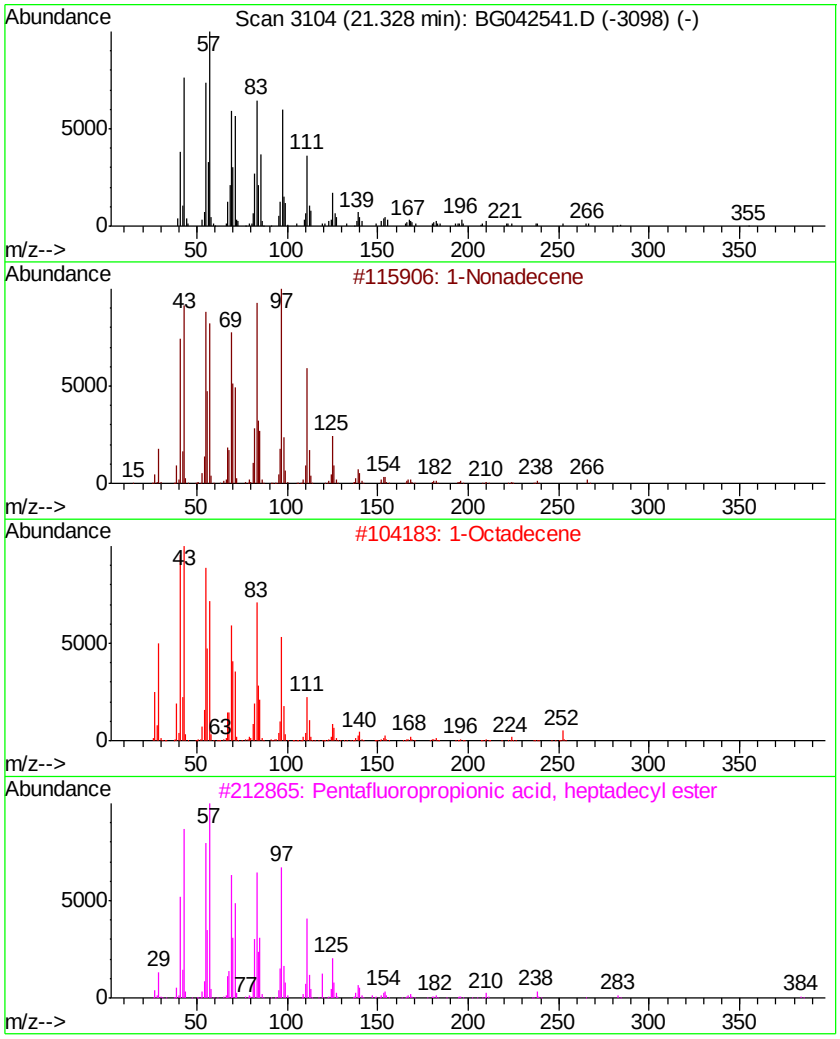
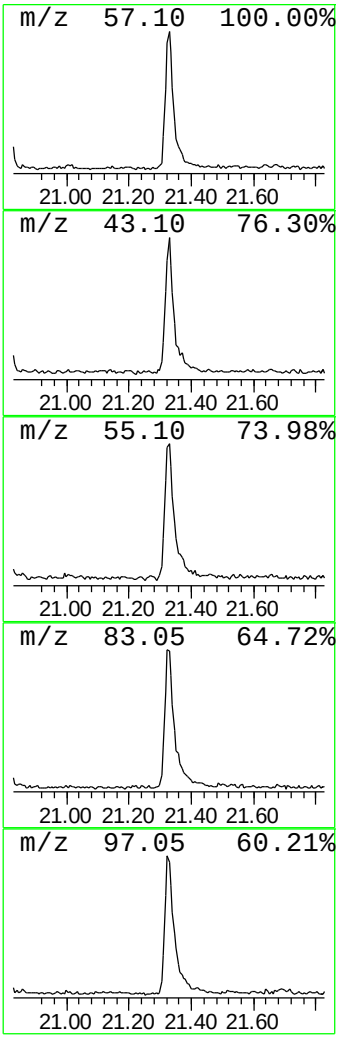
Peak Number 4 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	8.34 ng	323178	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042541.D
Acq On : 28 Aug 2019 20:36
Operator : HP/JU
Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

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

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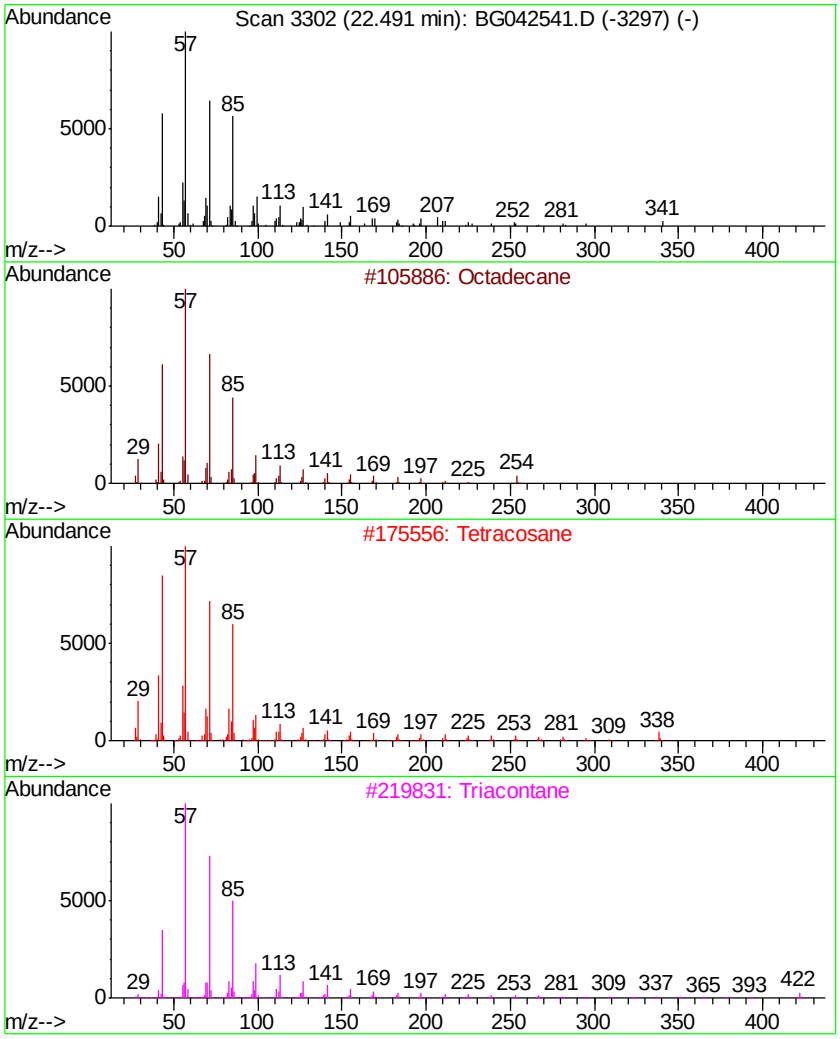
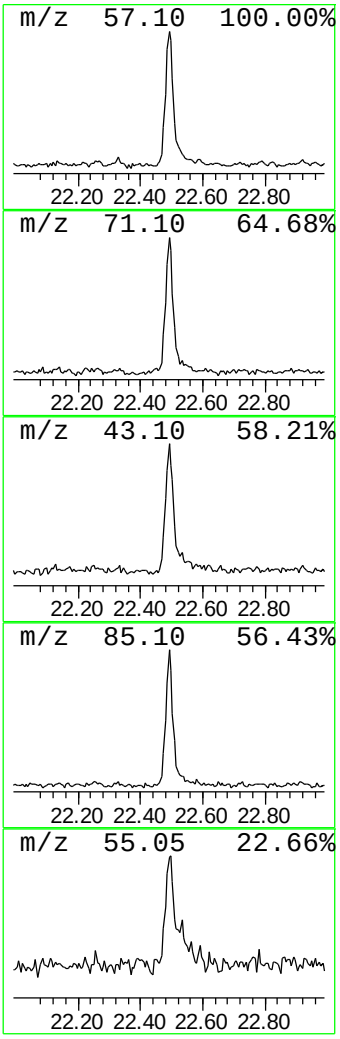
Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.71 ng	104936	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Docosane	310	C22H46	000629-97-0	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Data File : BG042541.D
Acq On : 28 Aug 2019 20:36
Operator : HP/JU
Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
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TIC Library : C:\Database\NIST11.L
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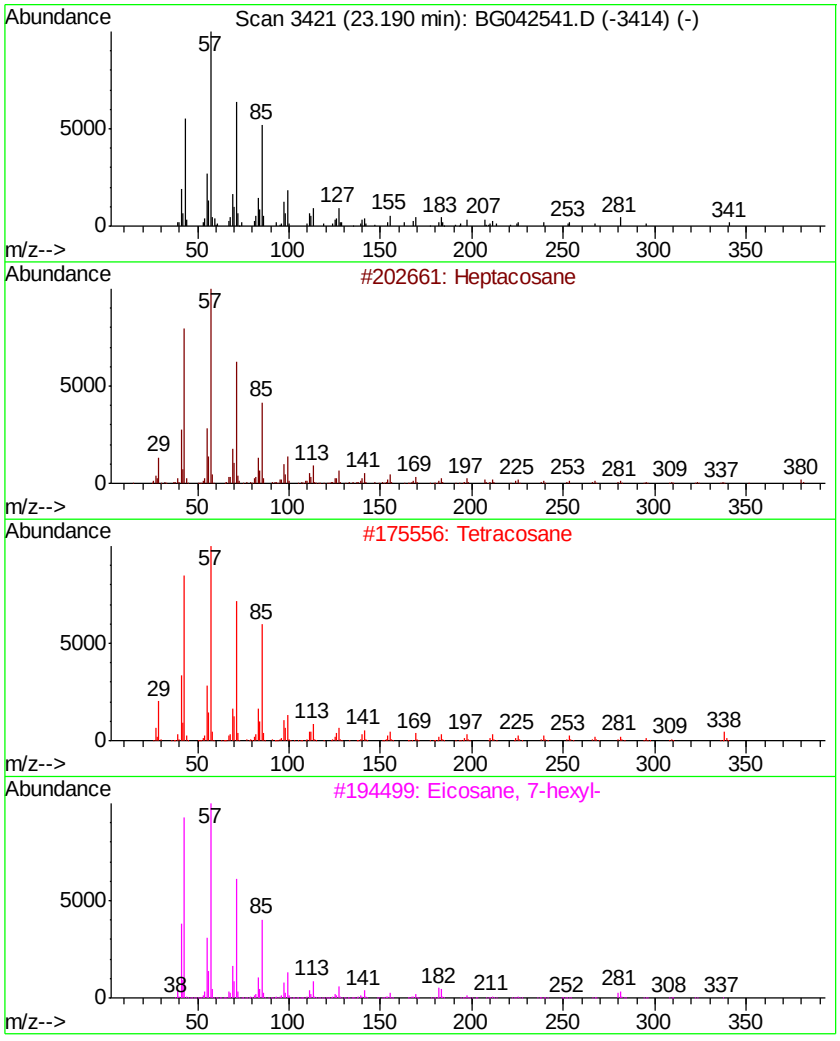
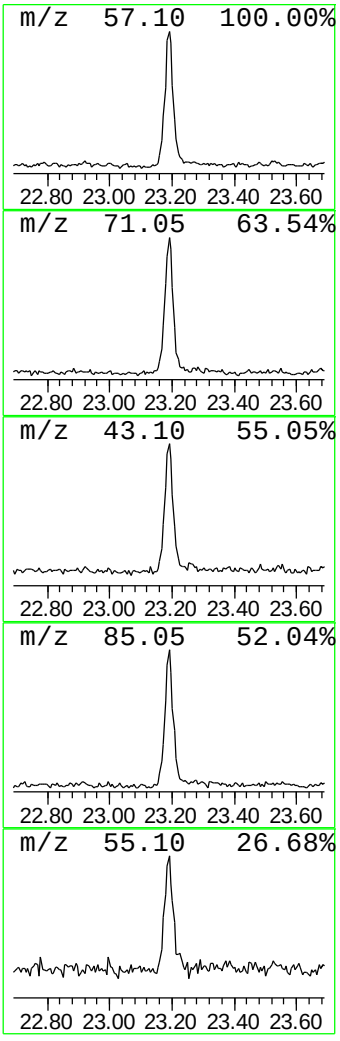
****

Peak Number 6 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	3.42 ng	132651	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Sample : K4536-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1-25-27

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

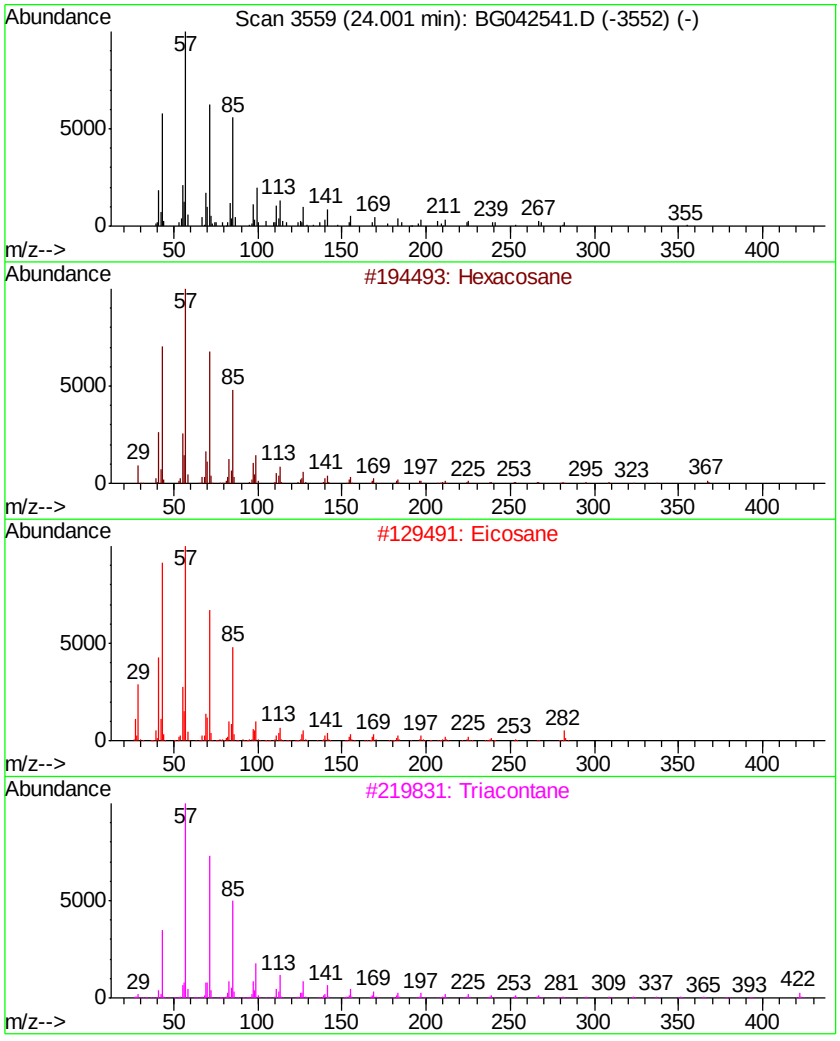
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

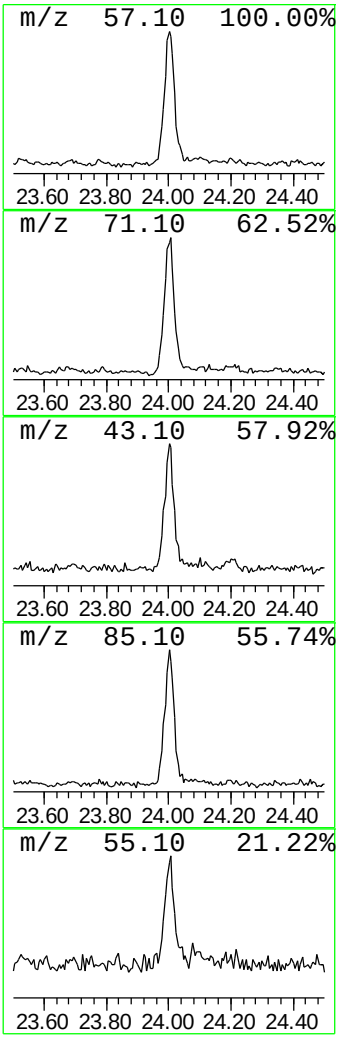
****

Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.39 ng	114447	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

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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...	3.12	86.8	ng	797417	1	8.00	183808	20.0
unknown7.53	7.53	96.6	ng	888137	1	8.00	183808	20.0
1-Nonadecene	21.33	8.3	ng	323178	5	21.69	774673	20.0
Octadecane	22.49	2.7	ng	104936	5	21.69	774673	20.0
Heptacosane	23.19	3.4	ng	132651	5	21.69	774673	20.0
Hexacosane	24.00	2.4	ng	114447	6	24.93	956230	20.0