LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040250.D
Acq On : 30 Mar 2019 7:15
Operator : JU/SJ
Sample : K2121-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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-BG032719.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	3.124	3	6	14	rVB	328835	515177	11.38%	2.386%
2	3.194	14	18	31	rVB	351958	507432	11.21%	2.351%
3	5.145	344	350	359	rBV	105337	163836	3.62%	0.759%
4	5.609	422	429	442	rBV	506523	813717	17.97%	3.769%
5	7.201	693	700	712	rBV	337790	595378	13.15%	2.758%
6	7.583	757	765	776	rBV	887804	1504615	33.24%	6.970%
7	8.059	838	846	854	rBV	186848	326523	7.21%	1.513%
8	8.376	893	900	908	rBV	717288	1220179	26.95%	5.652%
9	9.228	1037	1045	1056	rBV	654722	1169901	25.84%	5.419%
10	10.868	1318	1324	1335	rBV	274355	486656	10.75%	2.254%
11	13.306	1731	1739	1752	rBV	1847498	2827089	62.45%	13.096%
12	14.687	1966	1974	1983	rBV2	481220	759285	16.77%	3.517%
13	16.173	2220	2227	2240	rBV	1504560	2317710	51.20%	10.736%
14	17.431	2435	2441	2451	rBV2	652935	1012807	22.37%	4.691%
15	20.039	2878	2885	2893	rBV	2925366	4527141	100.00%	20.970%
16	21.708	3162	3169	3180	rVB2	688876	1144610	25.28%	5.302%
17	22.466	3293	3298	3305	rVB	51762	88925	1.96%	0.412%
18	23.165	3411	3417	3426	rVB	72850	142931	3.16%	0.662%
19	23.982	3548	3556	3563	rBV2	69067	150082	3.32%	0.695%
20	25.010	3712	3731	3746	rBV2	288519	1229812	27.17%	5.697%
21	26.097	3907	3916	3926	rVB5	26540	84419	1.86%	0.391%

Sum of corrected areas: 21588225

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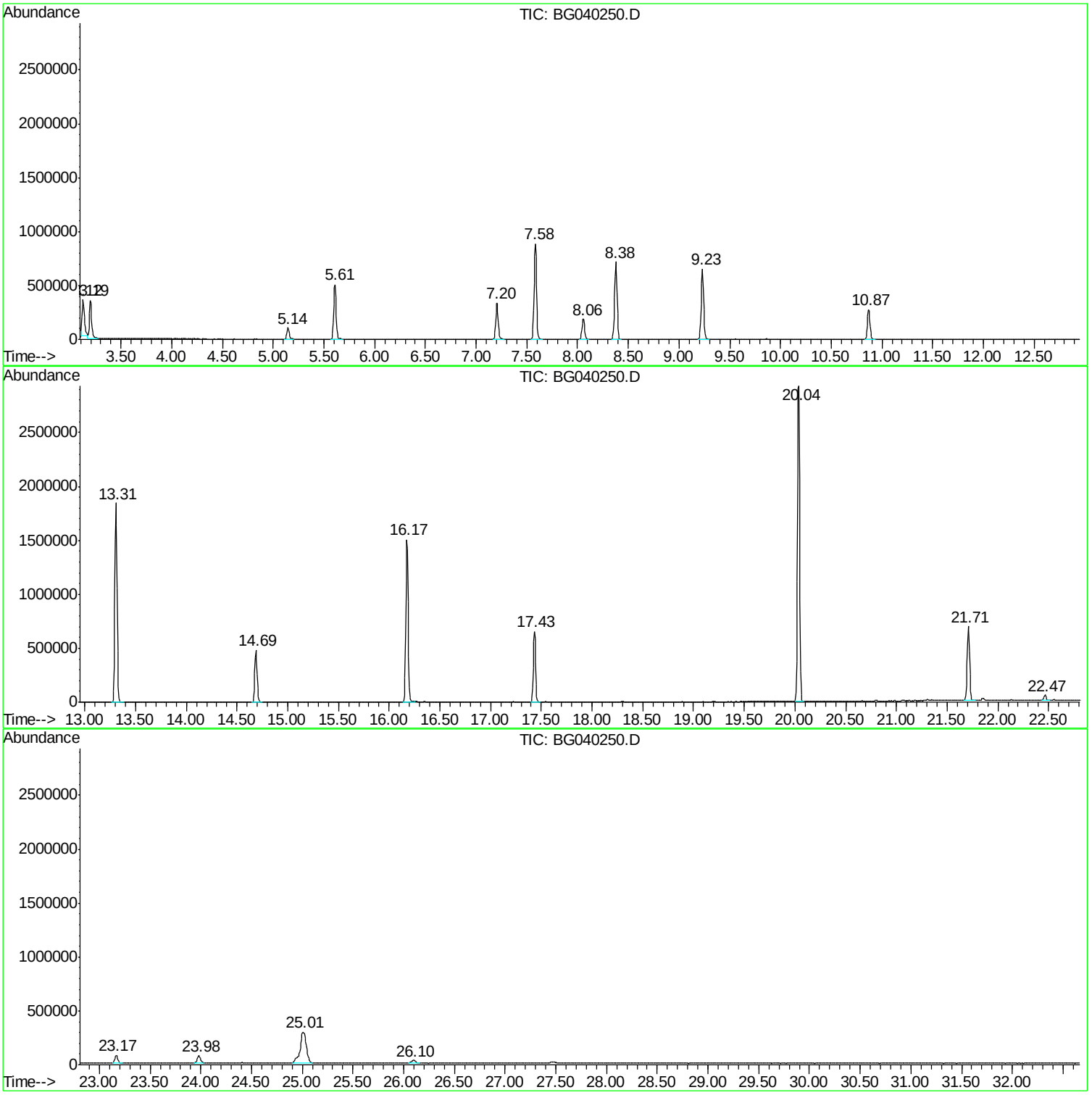
Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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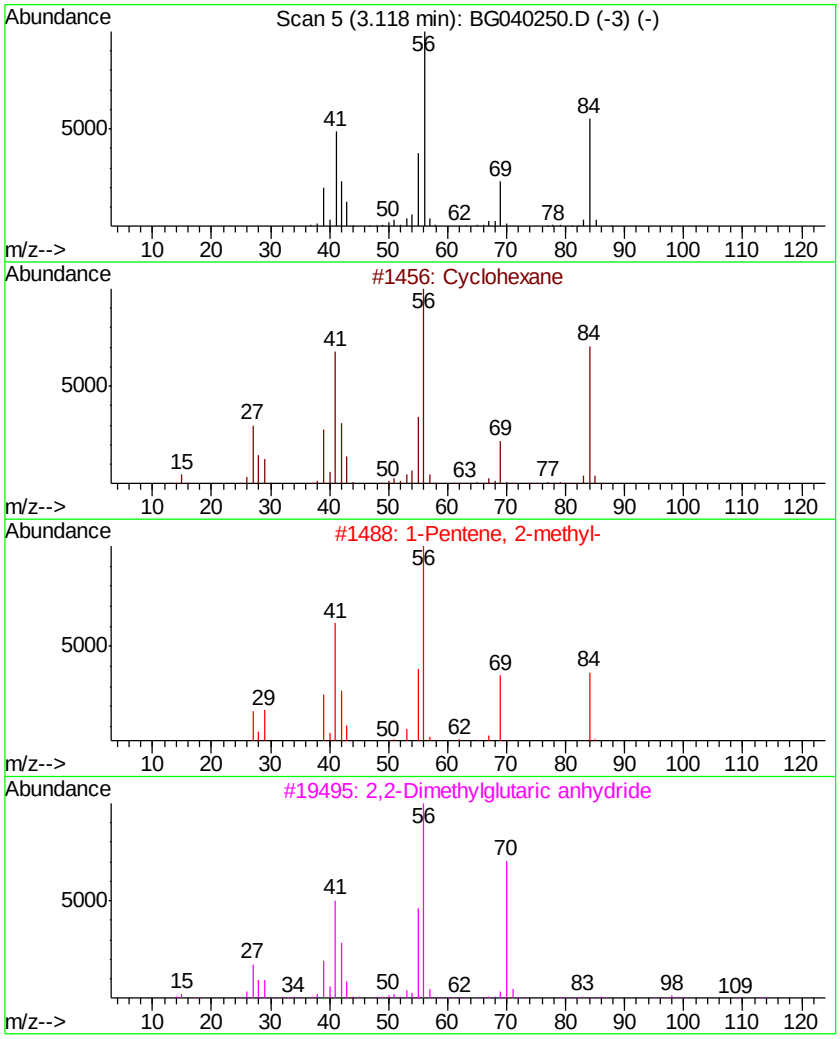
TIC Integration Parameters: LSCINT.P

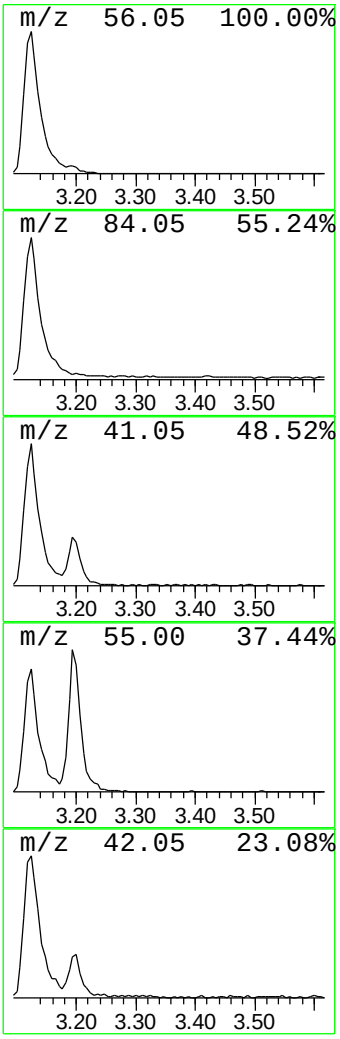
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	31.56 ng	515177	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
3	2,2-Dimethylglutaric anhydride	142	C7H10O3	002938-48-9	50
4	1-Hexene	84	C6H12	000592-41-6	42
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	42





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Sample : K2121-06
Misc :
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Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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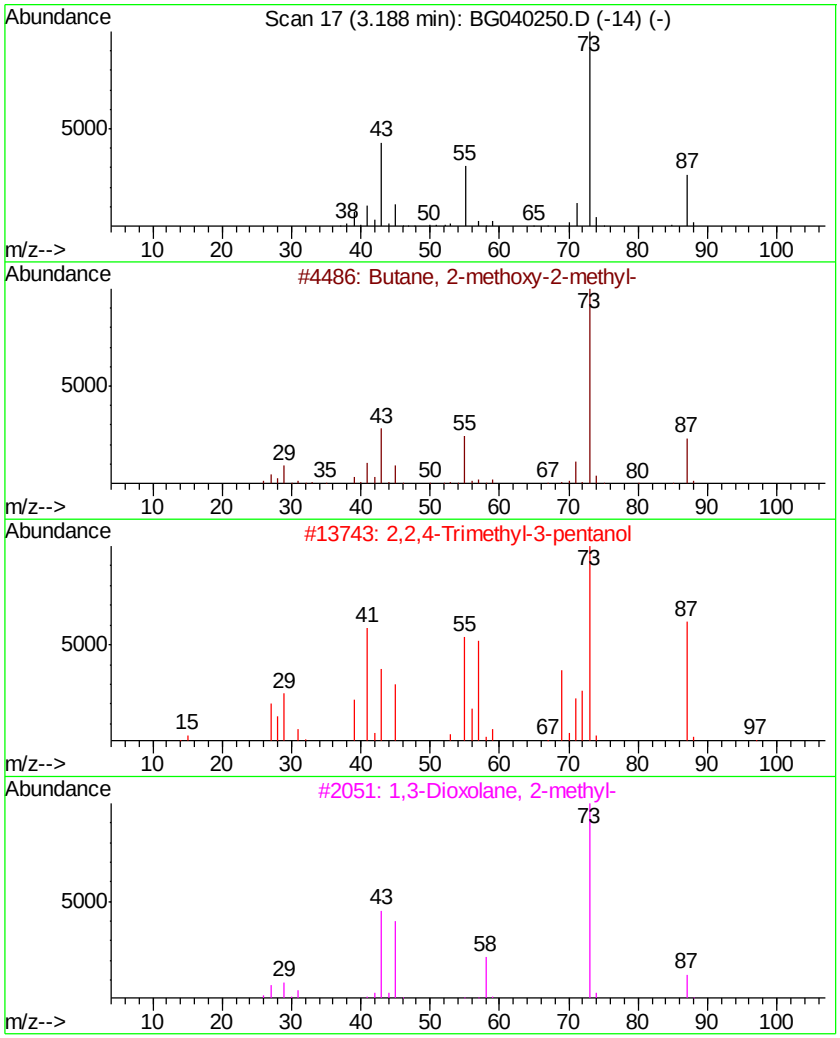
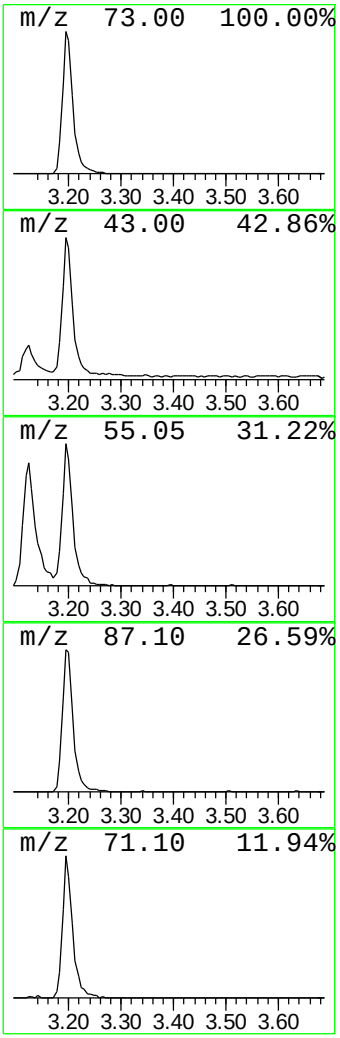
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	31.08 ng	507432	1,4-Dichlorobenzene-d4	8.05

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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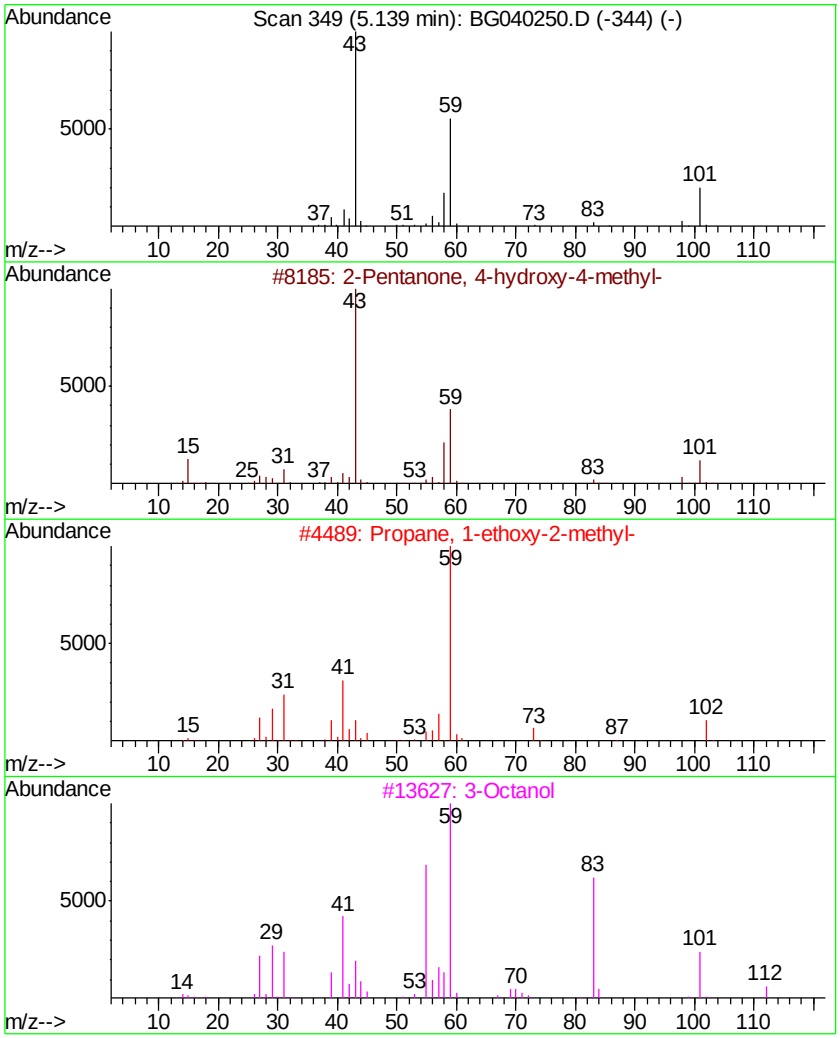
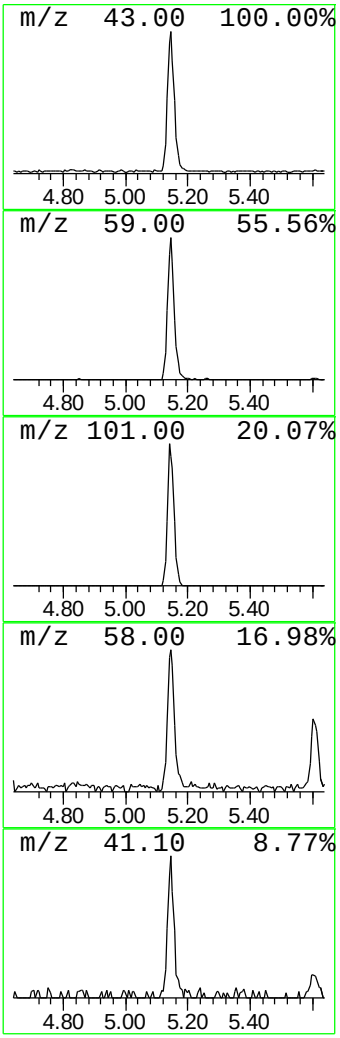
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	10.04 ng	163836	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	37
3	3-Octanol	130	C8H18O	000589-98-0	36
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Instrument : BNA_G
ClientSampleId : MW-6

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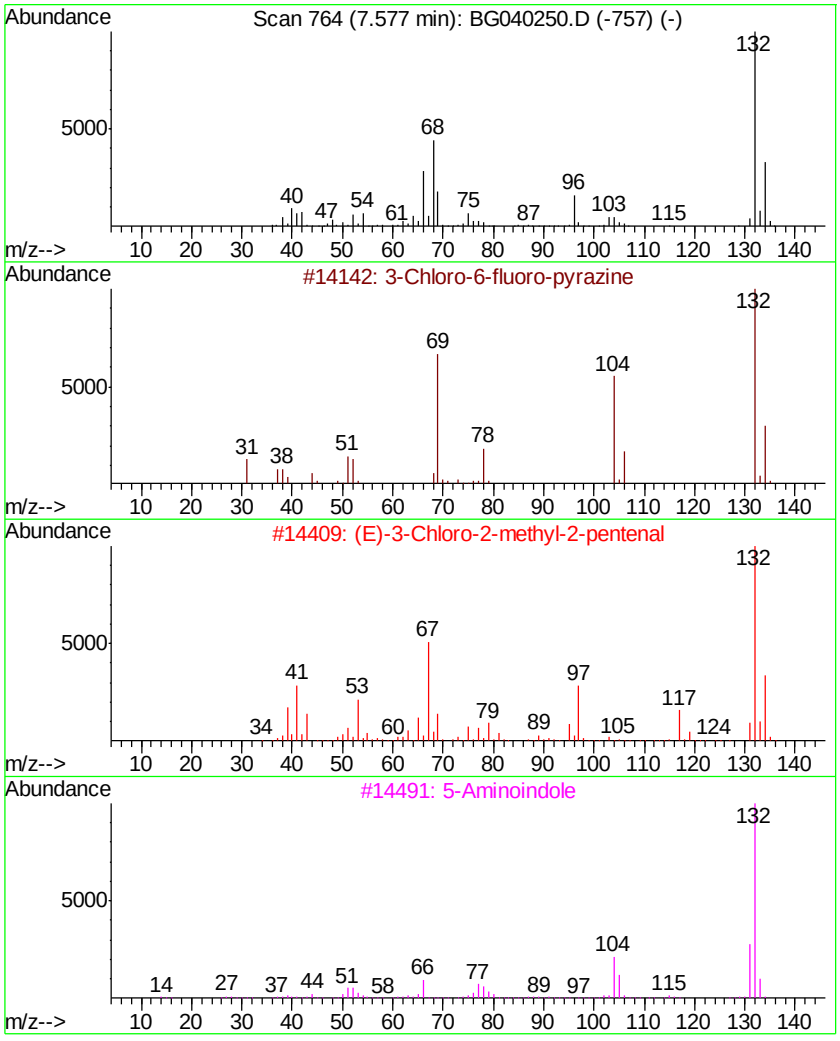
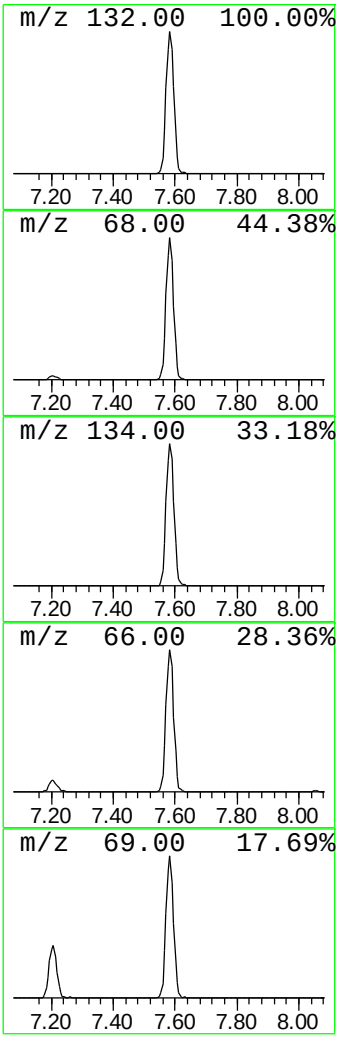
Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	92.16 ng	1504620	1,4-Dichlorobenzene-d4	8.05

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_G
ClientSampleId : MW-6

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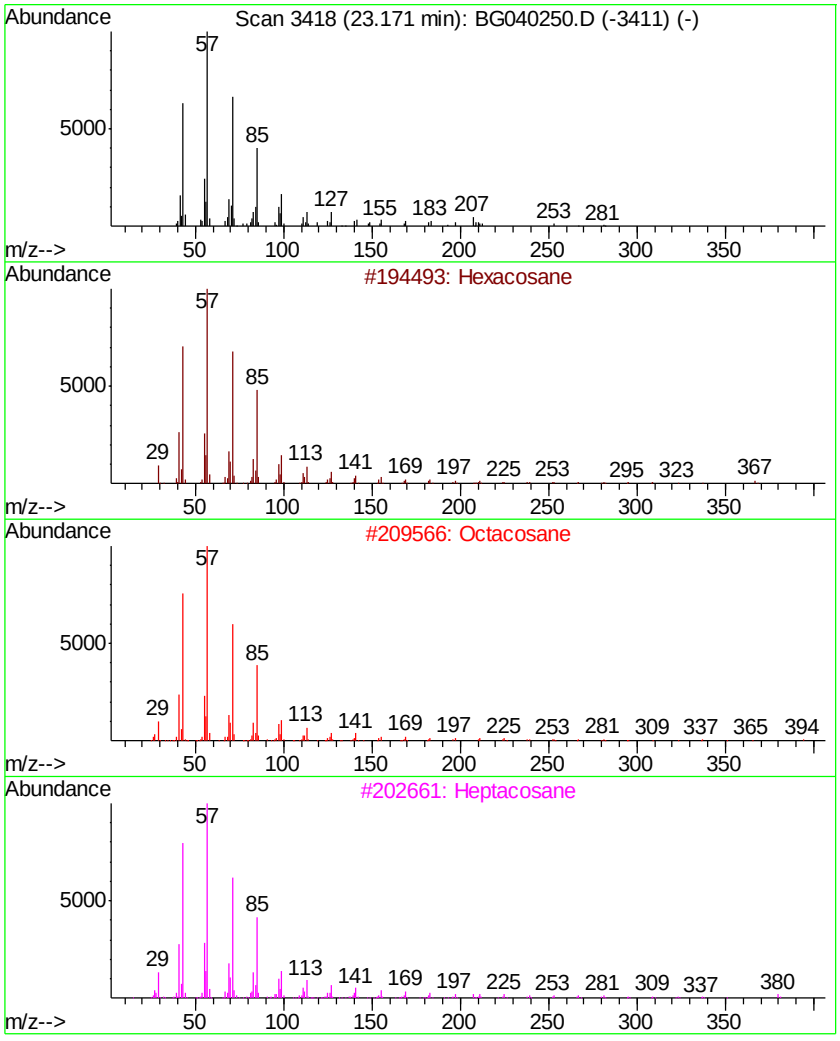
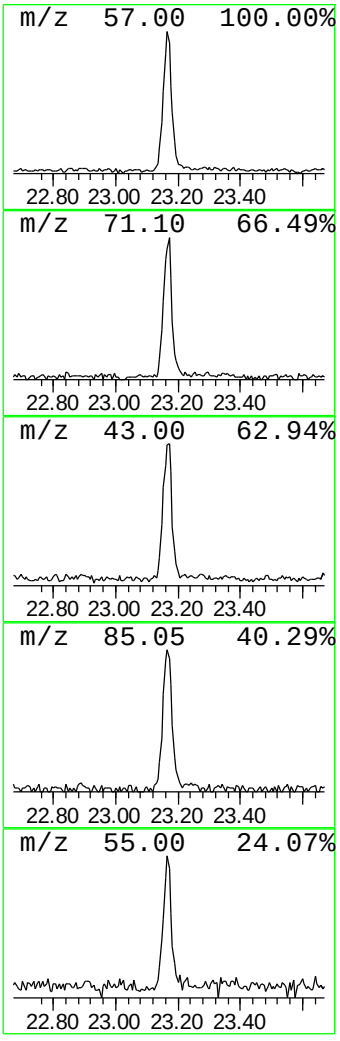
****

Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.50 ng	142931	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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TIC Library : C:\Database\NIST11.L
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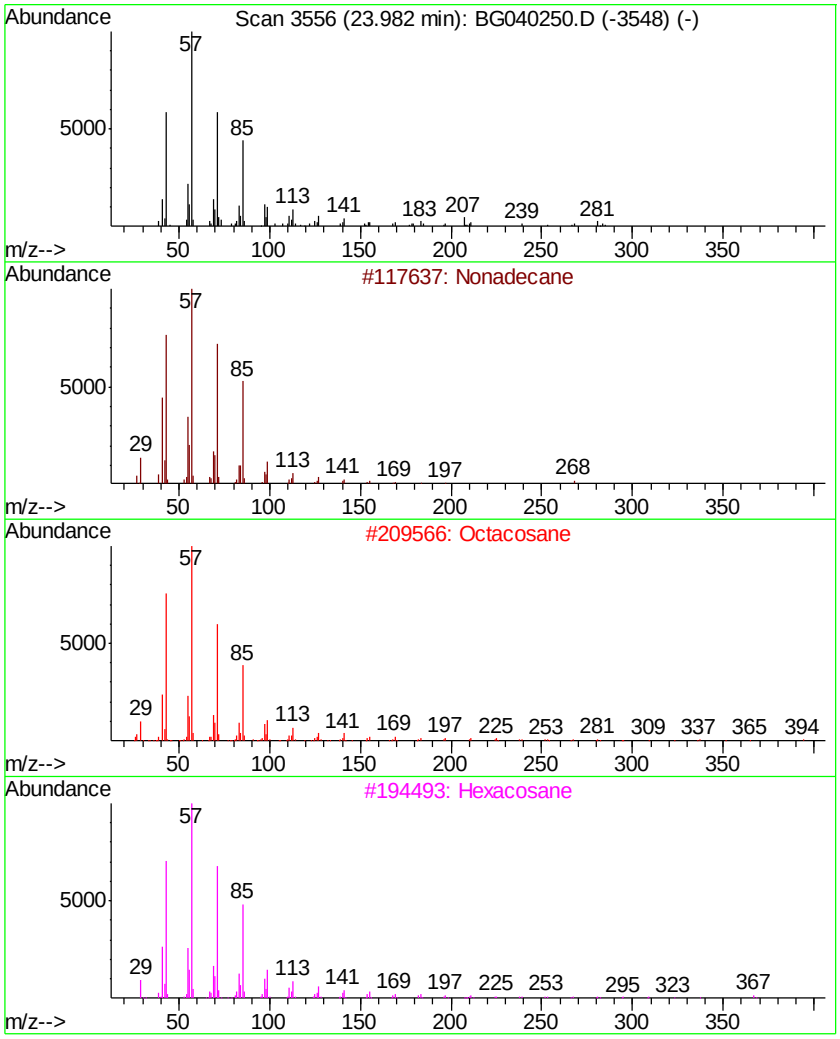
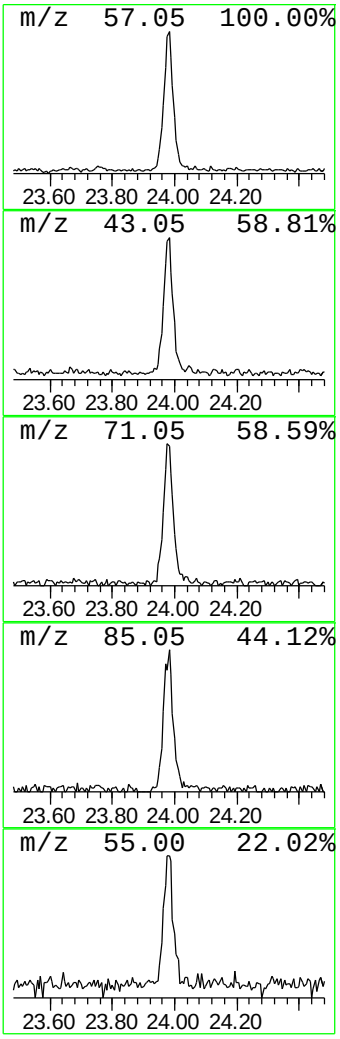
Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.44 ng	150082	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	31.6	ng	515177	1	8.05	326523	20.0
Butane, 2-methoxy...	3.19	31.1	ng	507432	1	8.05	326523	20.0
2-Pentanone, 4-hy...	5.14	10.0	ng	163836	1	8.05	326523	20.0
unknown7.58	7.58	92.2	ng	1504620	1	8.05	326523	20.0
Hexacosane	23.17	2.5	ng	142931	5	21.71	1144610	20.0
Nonadecane	23.98	2.4	ng	150082	6	25.01	1229810	20.0