LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043701.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(12-14)

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	3.149	6	10	22	rVB	57111	87210	5.21%	1.054%
2	5.088	333	340	347	rBV	56823	89012	5.32%	1.076%
3	5.581	417	424	440	rBV	230359	417089	24.93%	5.042%
4	7.185	689	697	715	rBV	231767	504937	30.18%	6.104%
5	7.532	748	756	770	rBV	258682	483611	28.90%	5.846%
6	7.990	826	834	844	rBV	81839	151420	9.05%	1.830%
7	8.314	880	889	900	rBV	202184	372605	22.27%	4.504%
8	9.154	1024	1032	1047	rBV	116887	275776	16.48%	3.334%
9	10.799	1305	1312	1321	rBV2	78484	185077	11.06%	2.237%
10	13.243	1721	1728	1743	rBV	409332	756697	45.22%	9.147%
11	14.077	1864	1870	1884	rBV	38139	87521	5.23%	1.058%
12	14.624	1956	1963	1976	rBV	193129	335400	20.04%	4.054%
13	16.116	2211	2217	2240	rBV	322270	657994	39.32%	7.954%
14	17.368	2424	2430	2448	rBV	221766	459713	27.47%	5.557%
15	19.976	2868	2874	2887	rBV	1191967	1673289	100.00%	20.227%
16	21.633	3149	3156	3174	rBV2	308370	613265	36.65%	7.413%
17	21.809	3182	3186	3192	rVB4	19935	27295	1.63%	0.330%
18	22.409	3283	3288	3294	rBV3	32413	50017	2.99%	0.605%
19	23.084	3398	3403	3412	rVB3	45362	85225	5.09%	1.030%
20	23.878	3531	3538	3550	rVB3	46169	102476	6.12%	1.239%
21	24.806	3685	3696	3713	rBV	243261	722219	43.16%	8.730%
22	25.911	3873	3884	3895	rBV4	32438	98943	5.91%	1.196%
23	27.227	4099	4108	4110	rBV8	15928	35689	2.13%	0.431%

Sum of corrected areas: 8272480

LSC Report - Integrated Chromatogram

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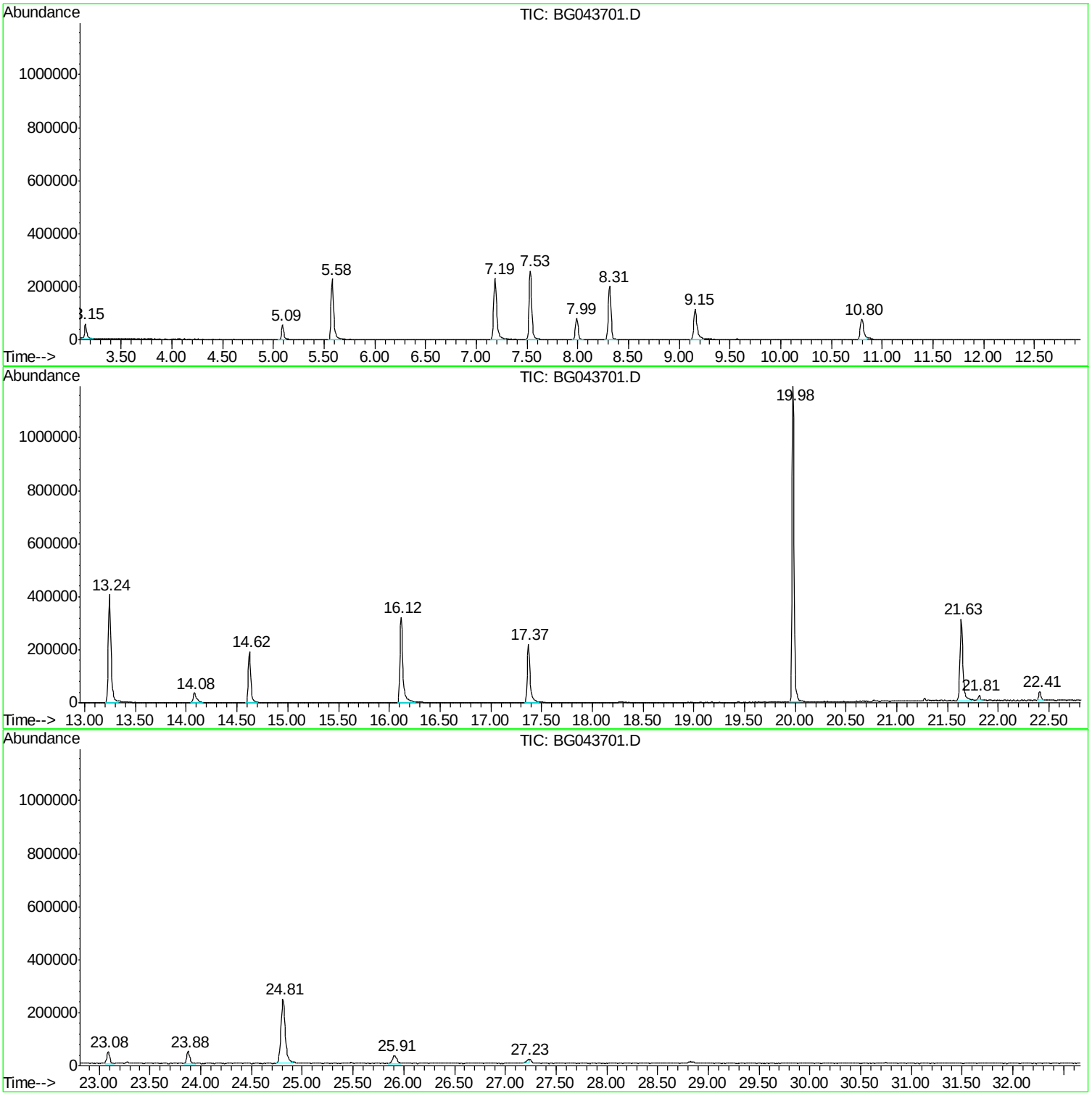
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(12-14)

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 : BG043701.D
Acq On : 19 Nov 2019 16:58
Operator : JU
Sample : K5865-21
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(12-14)

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

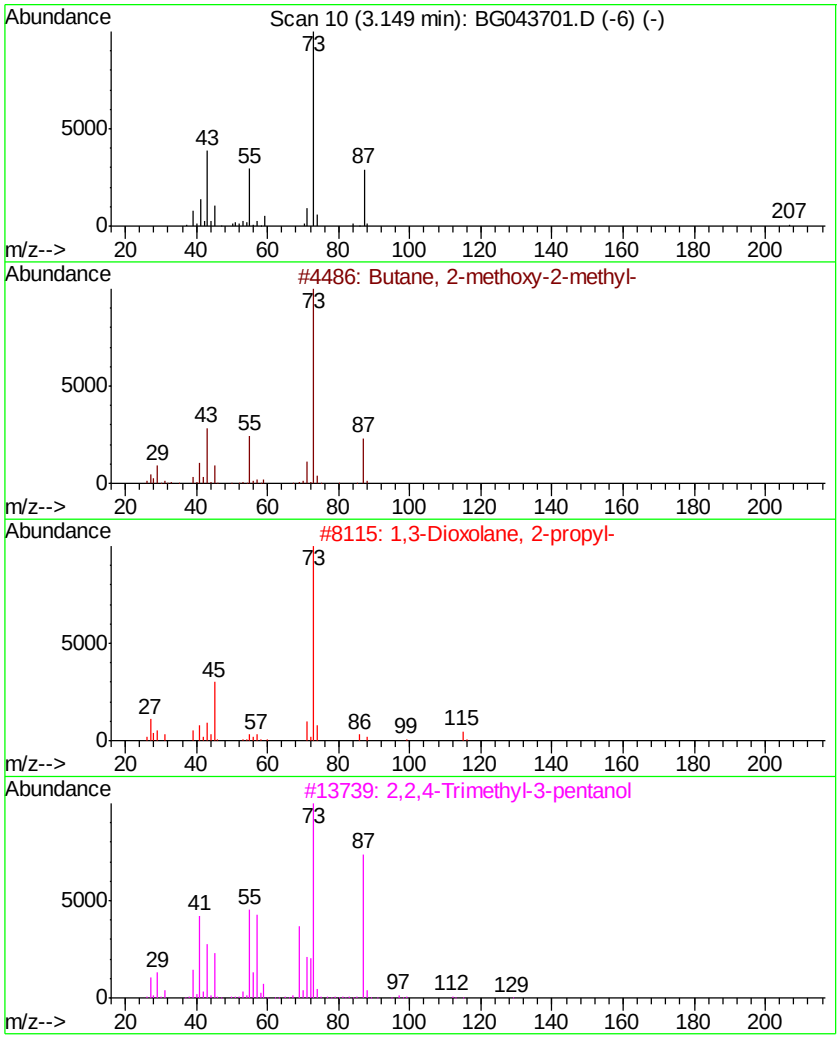
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

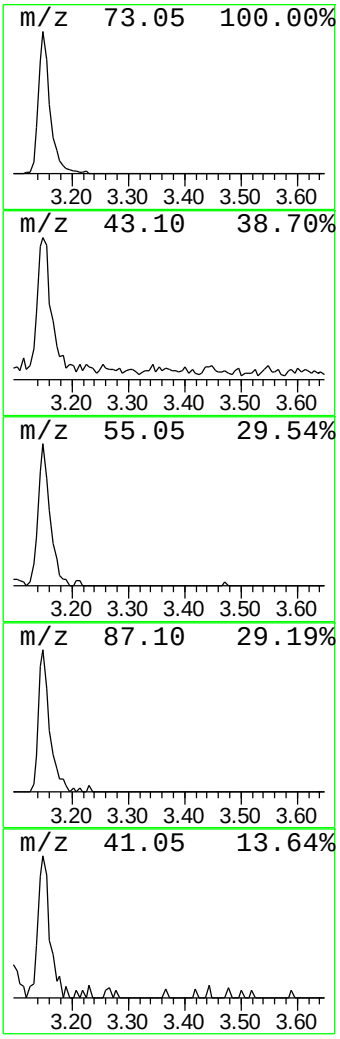
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	11.52 ng	87210	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4	1,3-Dioxolane, 2-butyl-	130	C7H14O2	004360-76-3	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Library Search Compound Report

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Operator : JU
Sample : K5865-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(12-14)

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

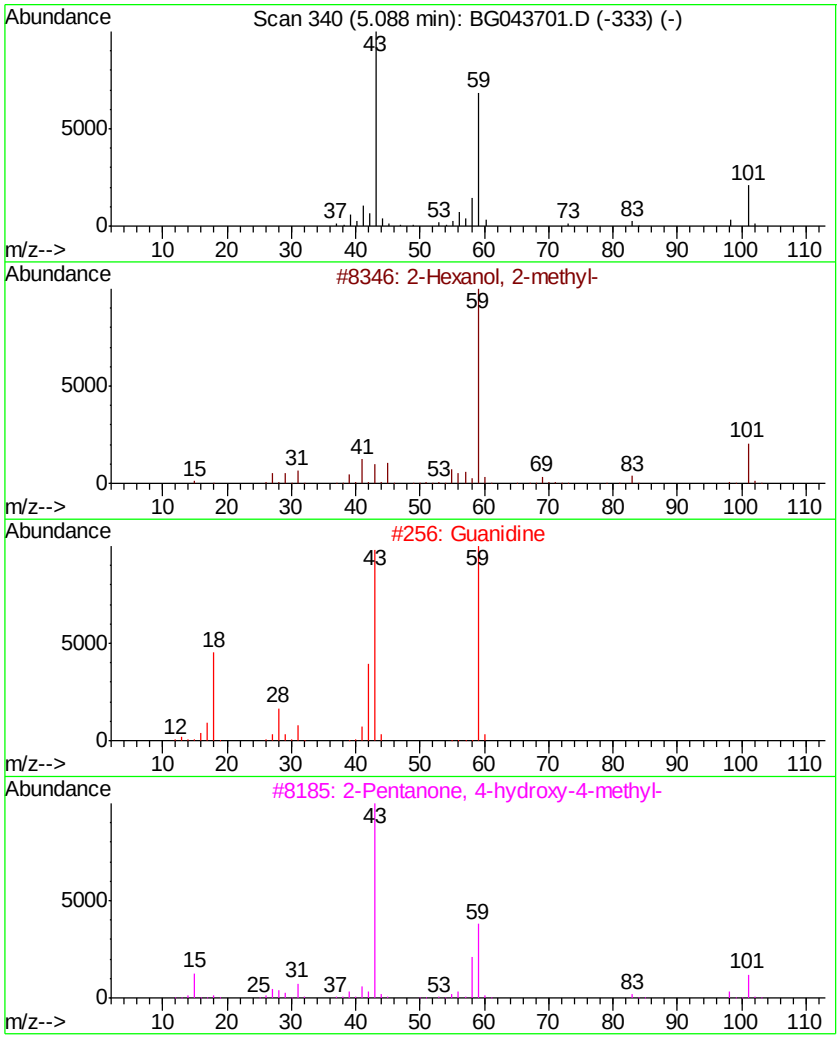
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

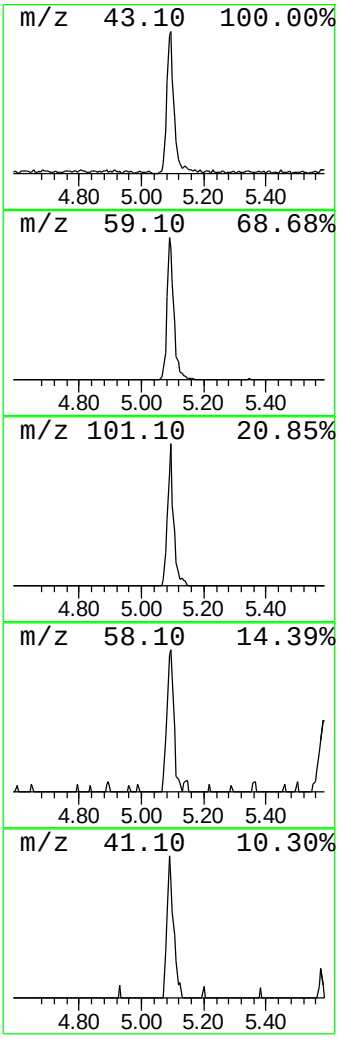
****

Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	11.76 ng	89012	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	53
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	1,2-Butanediol	90	C4H10O2	000584-03-2	37
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





Library Search Compound Report

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Operator : JU
Sample : K5865-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(12-14)

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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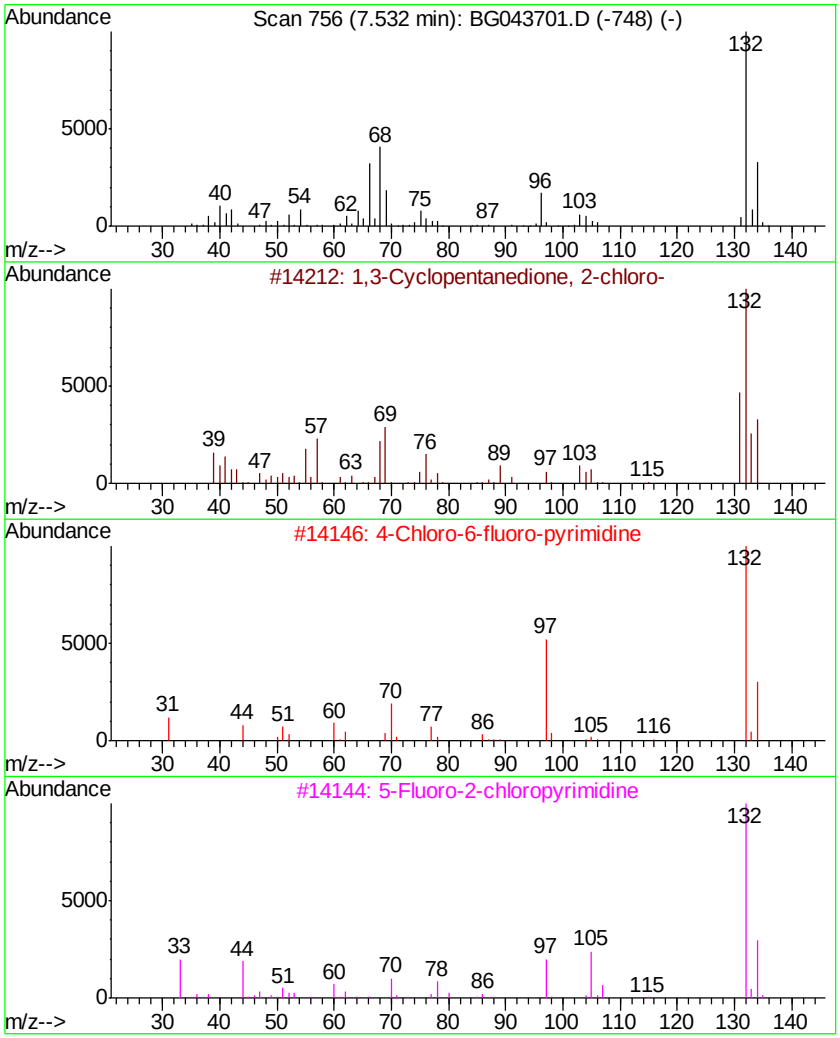
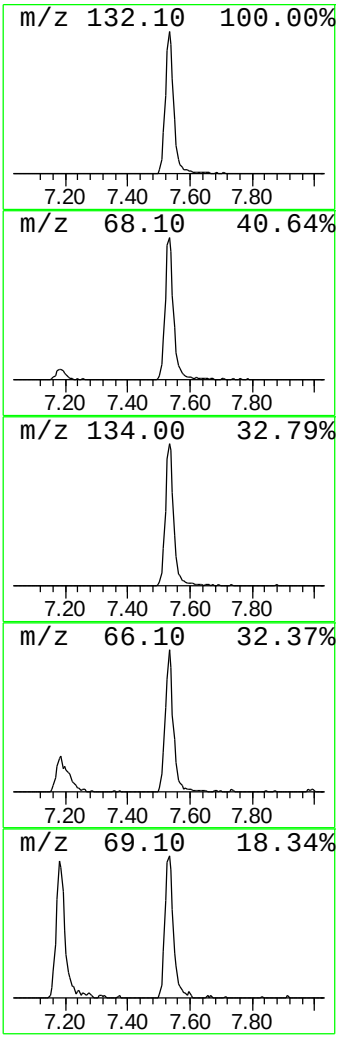
****

Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	63.88 ng	483611	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	12





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Instrument : BNA_G
ClientSampleId : 2-(12-14)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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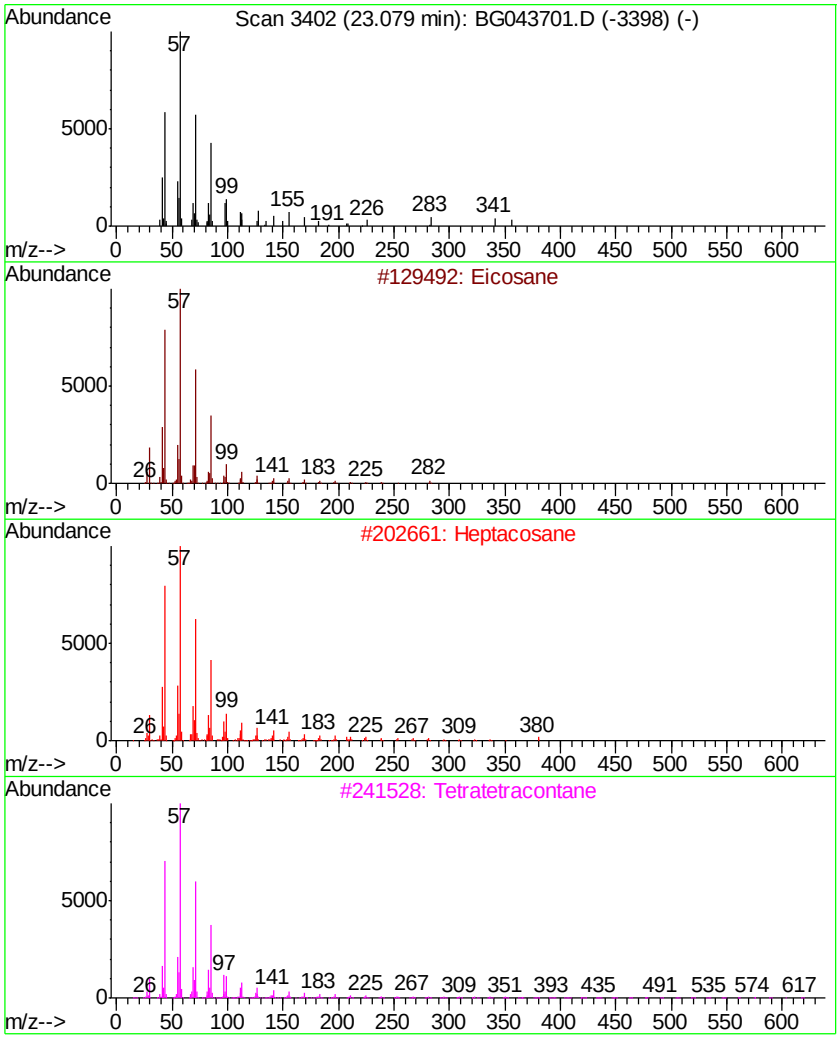
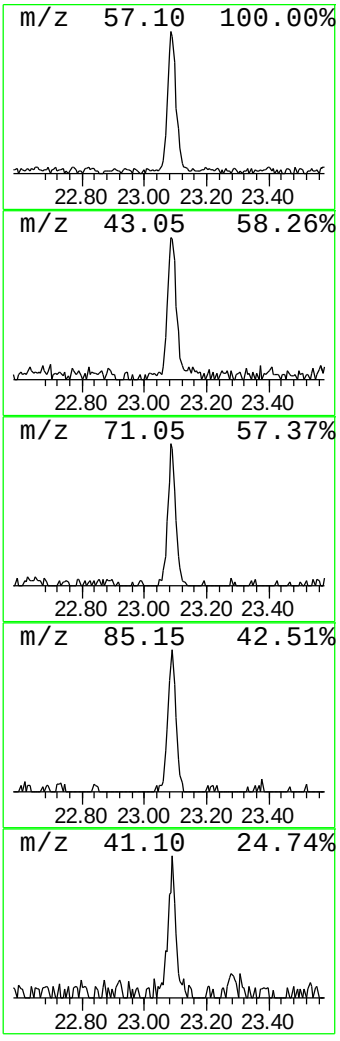
****

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	2.78 ng	85225	Chrysene-d12	21.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptacosane	380	C27H56	000593-49-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Hexatriacontane	507	C36H74	000630-06-8	90





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Instrument : BNA_G
ClientSampleId : 2-(12-14)

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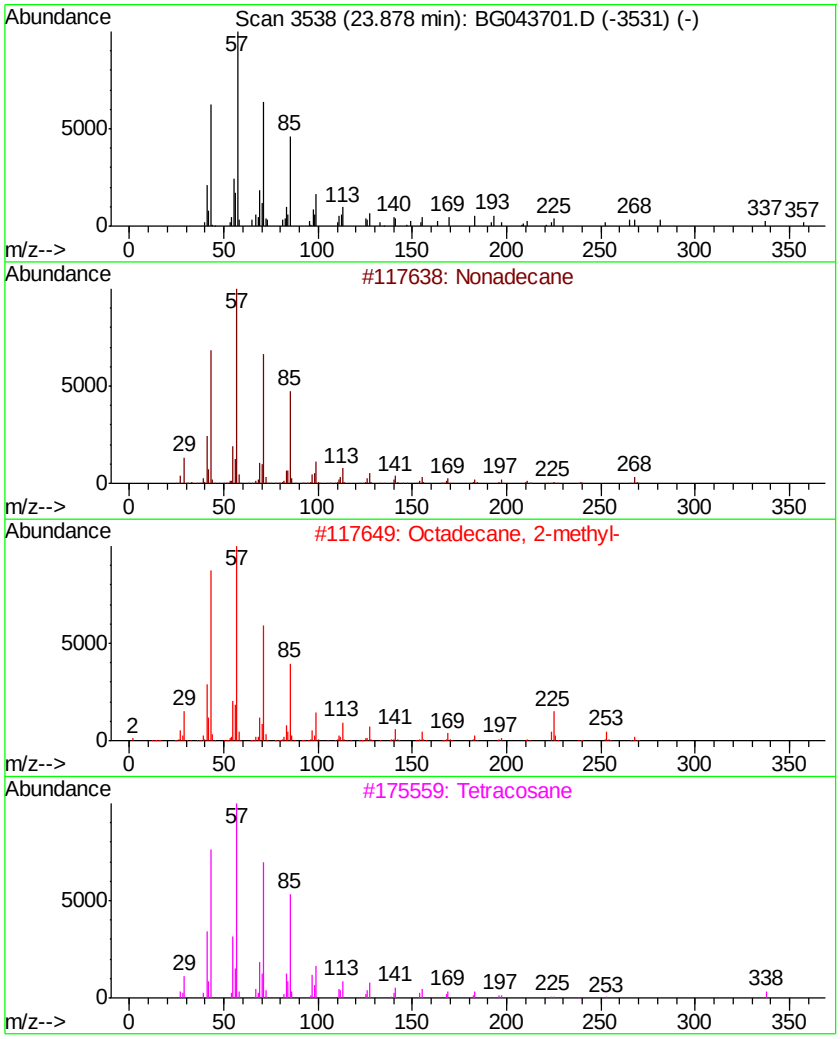
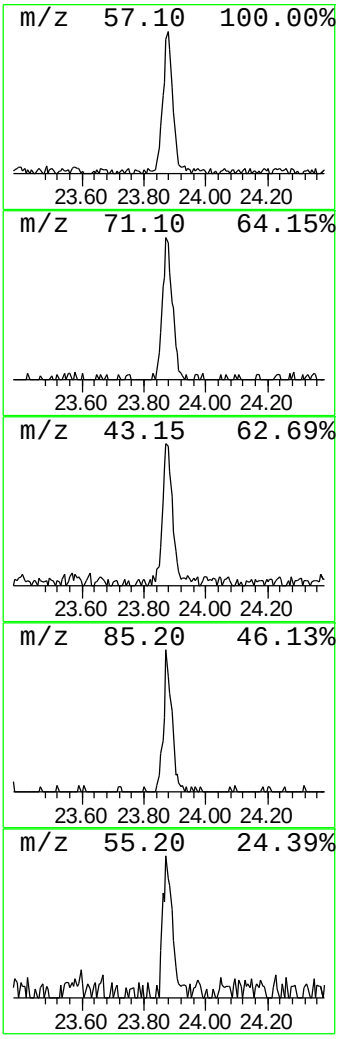
****

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.84 ng	102476	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
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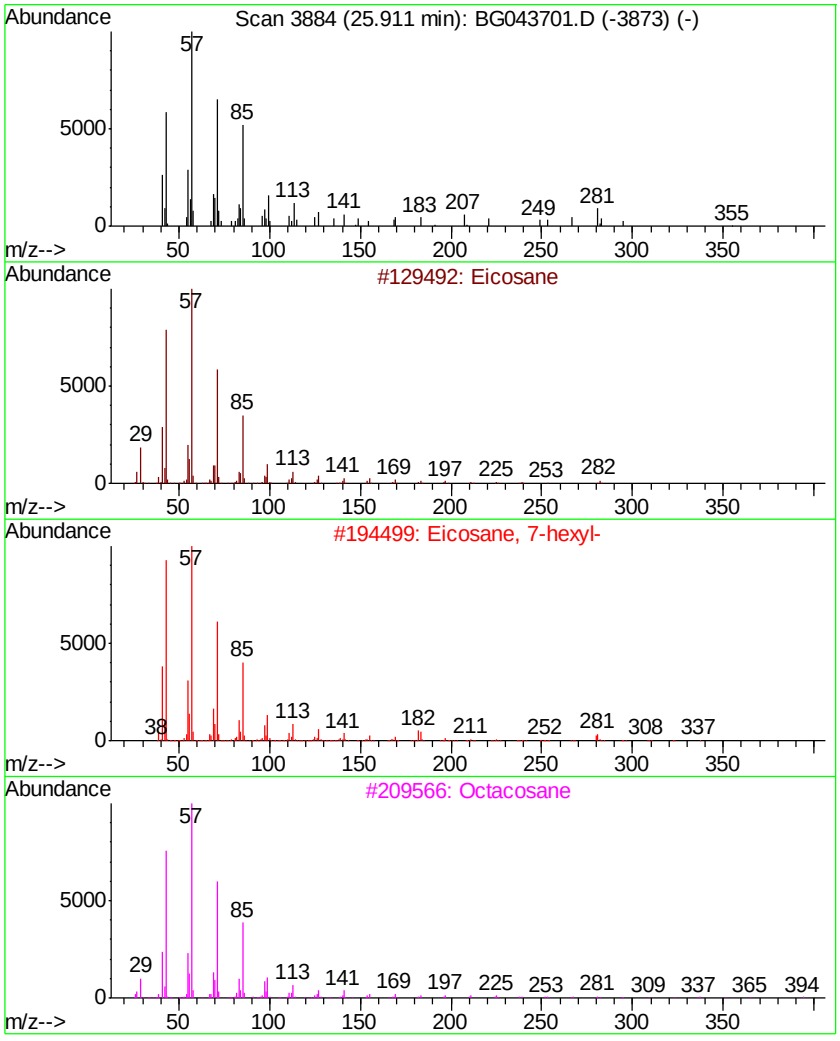
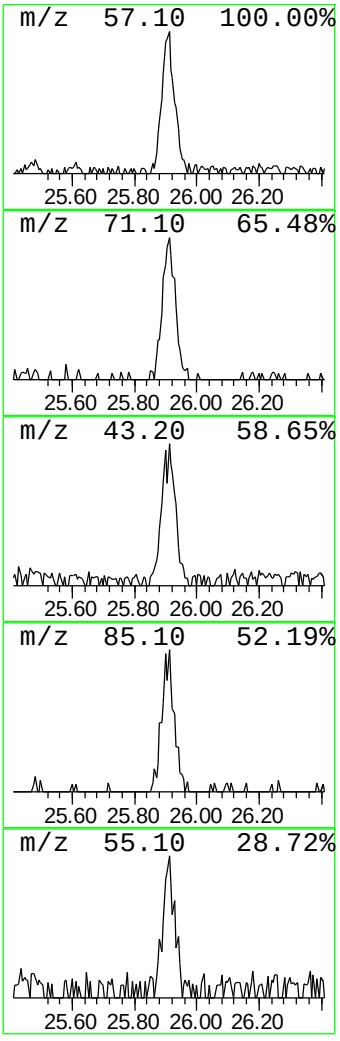
****

Peak Number 7 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	2.74 ng	98943	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Heneicosane	296	C21H44	000629-94-7	83





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...	3.15	11.5	ng	87210	1	7.99	151420	20.0
2-Hexanol, 2-methyl-	5.09	11.8	ng	89012	1	7.99	151420	20.0
unknown7.53	7.53	63.9	ng	483611	1	7.99	151420	20.0
Eicosane	23.08	2.8	ng	85225	5	21.63	613265	20.0
Nonadecane	23.88	2.8	ng	102476	6	24.81	722219	20.0
Eicosane, 7-hexyl-	25.91	2.7	ng	98943	6	24.81	722219	20.0