LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043220.D
Acq On : 15 Oct 2019 15:59
Operator : JU
Sample : K5325-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-B

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-BG092519.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	3.150	4	10	19	rBV3	69037	173303	4.05%	0.776%
2	3.233	19	24	33	rVB	106679	173578	4.06%	0.778%
3	5.636	426	433	447	rBV	919166	1602906	37.45%	7.182%
4	7.228	696	704	723	rBV	964470	1856081	43.36%	8.316%
5	7.592	757	766	777	rBV	1010771	1802954	42.12%	8.078%
6	8.050	836	844	853	rBV	193239	329120	7.69%	1.475%
7	8.374	891	899	910	rBV	727214	1339423	31.29%	6.001%
8	9.214	1033	1042	1065	rBV	534404	1101923	25.74%	4.937%
9	10.859	1313	1322	1334	rBV	210619	427526	9.99%	1.916%
10	13.297	1729	1737	1762	rBV	1589785	2773901	64.80%	12.429%
11	14.120	1871	1877	1896	rBV	181451	315313	7.37%	1.413%
12	14.678	1964	1972	1985	rBV	380579	669888	15.65%	3.001%
13	16.164	2218	2225	2242	rBV	1397363	2395237	55.96%	10.732%
14	17.422	2433	2439	2451	rBV	455442	800615	18.70%	3.587%
15	17.539	2455	2459	2467	rVB3	38239	59541	1.39%	0.267%
16	18.309	2586	2590	2599	rBV5	22850	50766	1.19%	0.227%
17	20.031	2876	2883	2902	rBV	3040802	4280569	100.00%	19.179%
18	21.329	3100	3104	3114	rBV2	93638	197292	4.61%	0.884%
19	21.693	3159	3166	3179	rVB2	501106	952363	22.25%	4.267%
20	24.913	3704	3714	3727	rBV	327635	1016382	23.74%	4.554%

Sum of corrected areas: 22318681

LSC Report - Integrated Chromatogram

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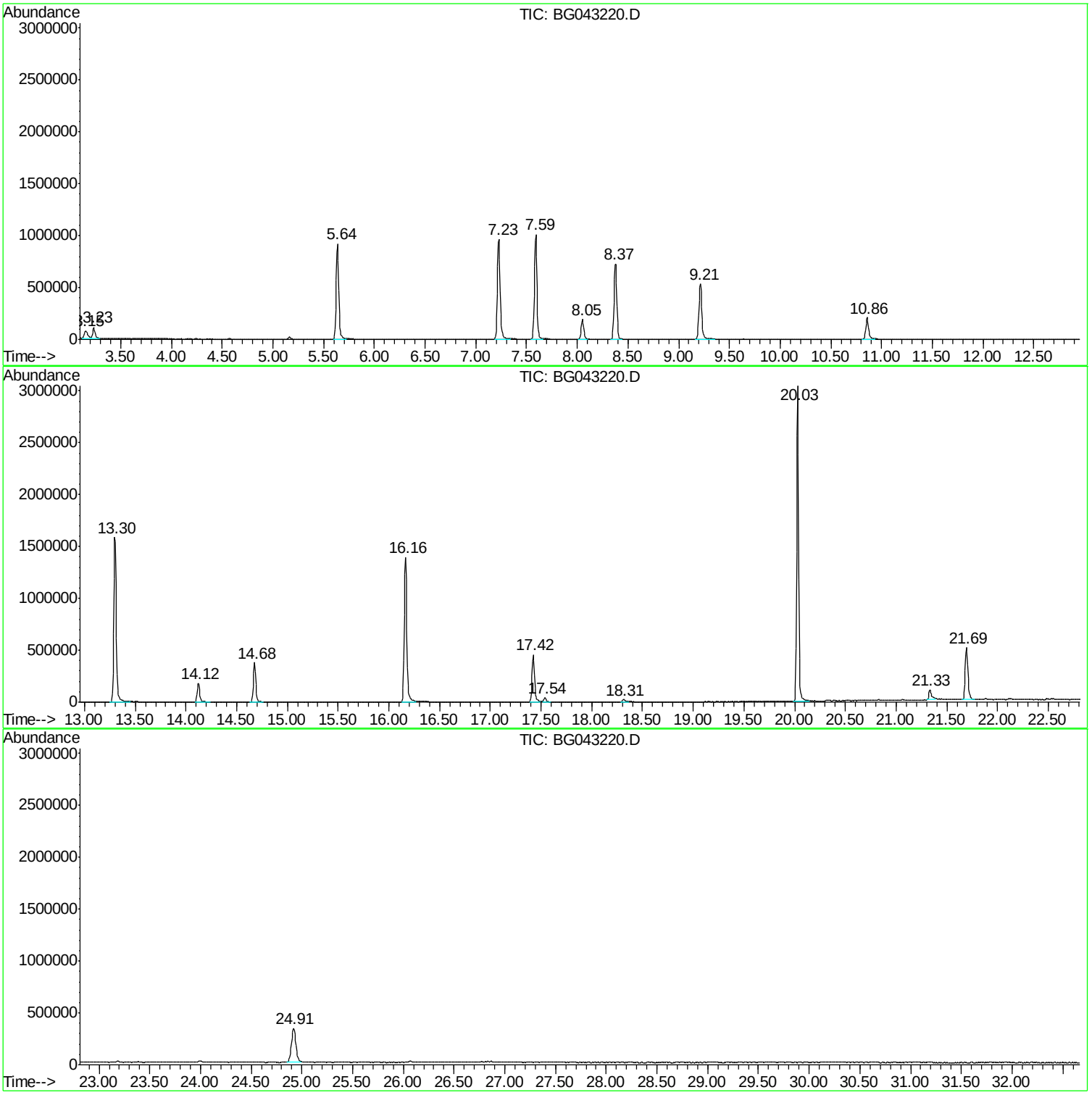
Instrument : BNA_G
ClientSampleId : 10-10-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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Data File : BG043220.D
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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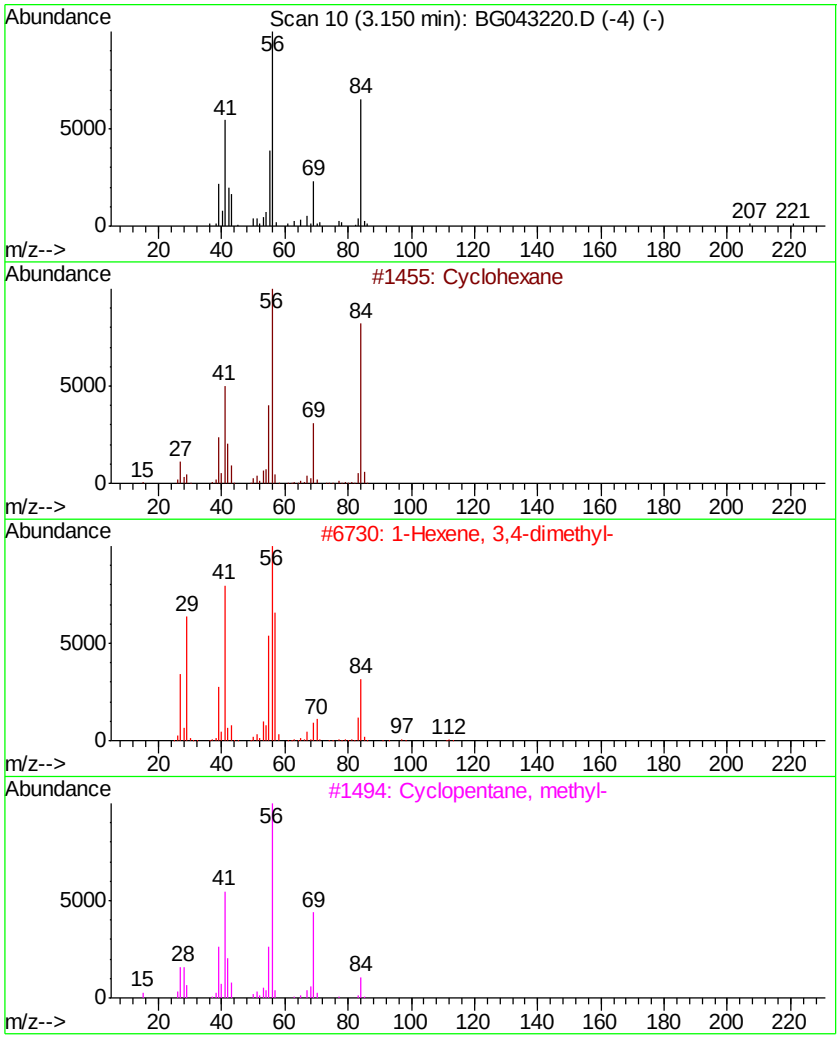
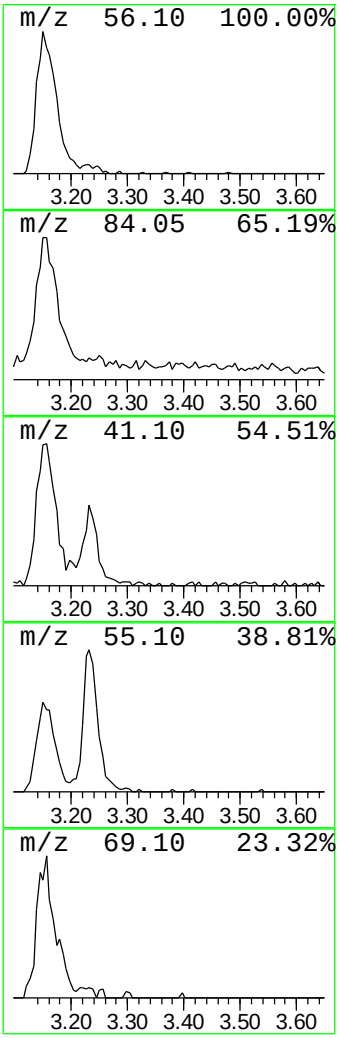
Peak Number 1 1-Hexene, 3,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	10.53 ng	173303	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-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	42
4	1-Octene, 2-methyl-	126	C9H18	004588-18-5	42
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40





Library Search Compound Report

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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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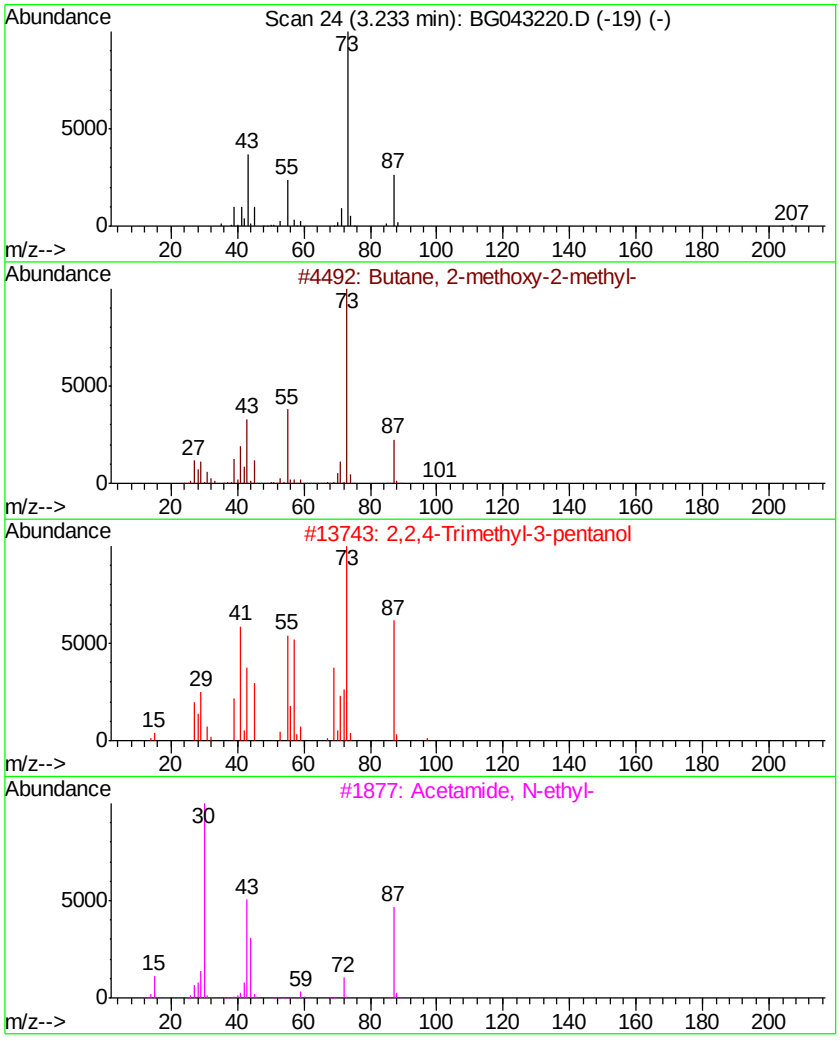
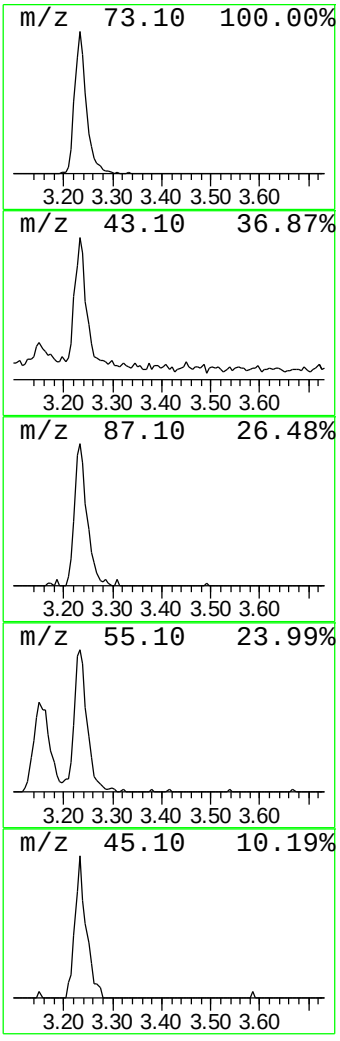
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	10.55 ng	173578	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	64
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Operator : JU
Sample : K5325-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-10-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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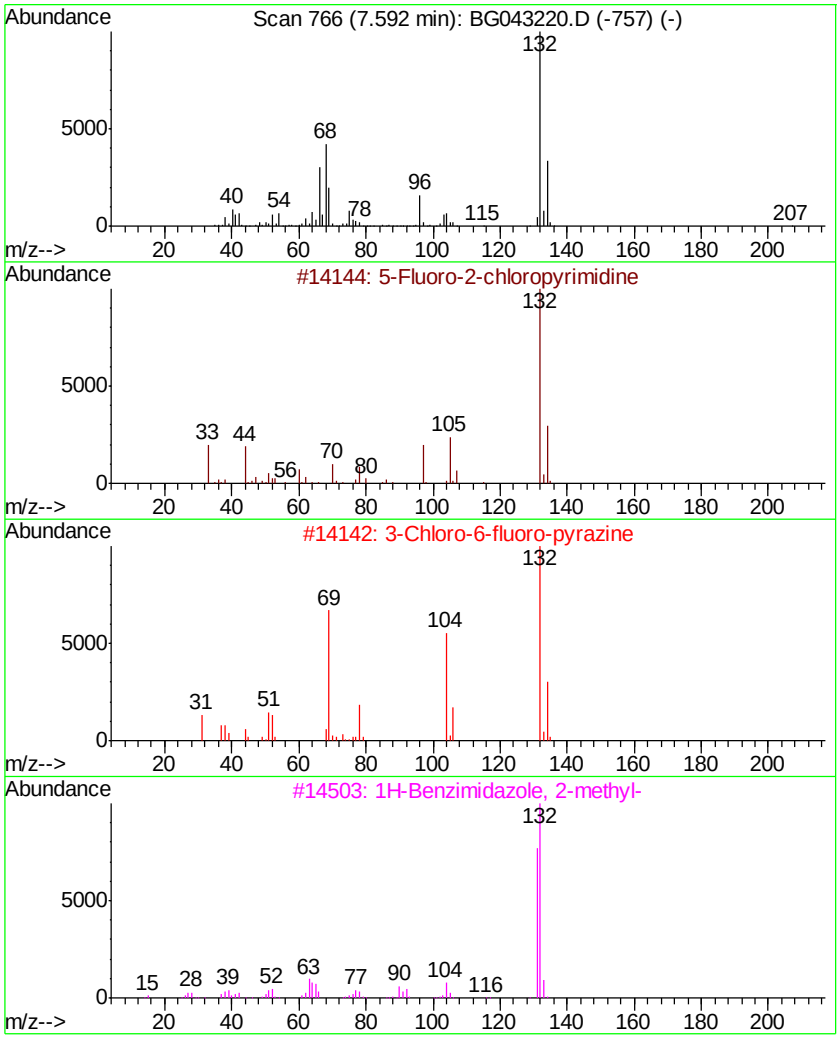
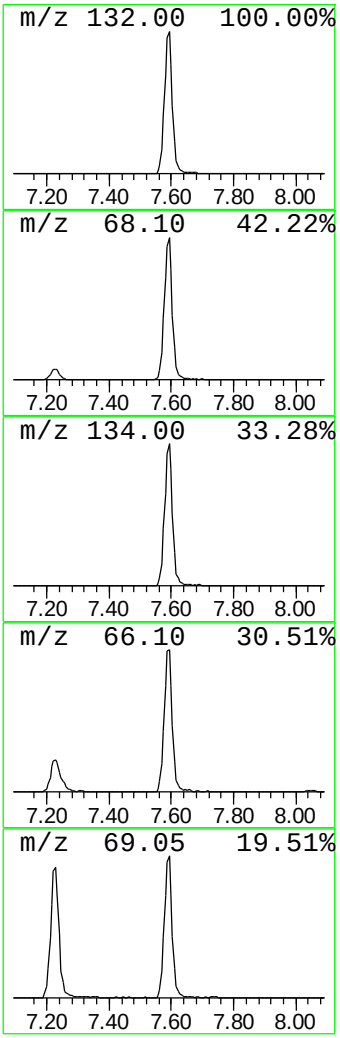
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	109.56 ng	1802950	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_G
ClientSampleId : 10-10-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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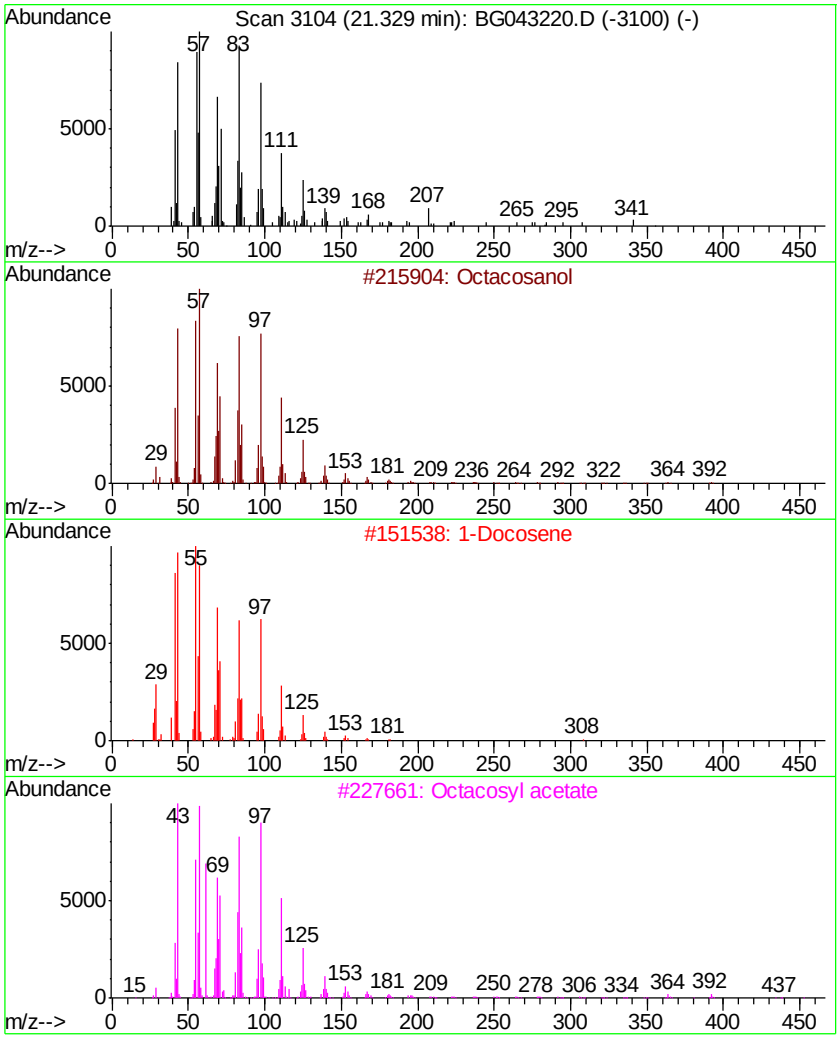
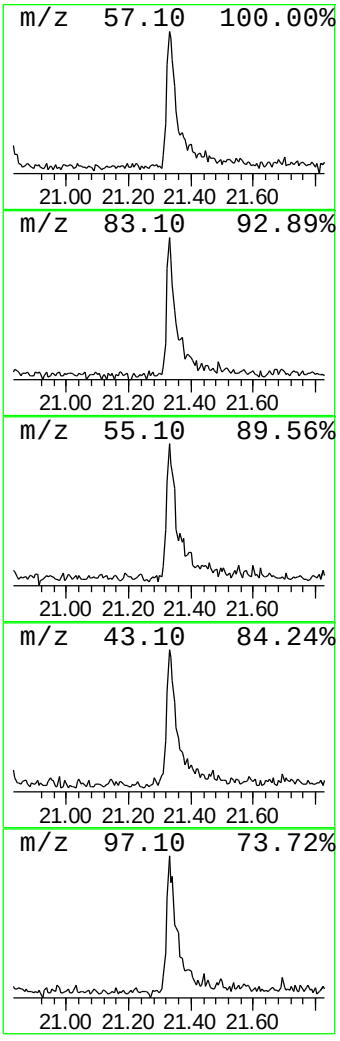
Peak Number 5 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	4.14 ng	197292	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Octacosyl acetate	452	C30H60O2	018206-97-8	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101519\
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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
1-Hexene, 3,4-dim...	3.15	10.5	ng	173303	1	8.05	329120	20.0
Butane, 2-methoxy...	3.23	10.6	ng	173578	1	8.05	329120	20.0
unknown7.59	7.59	109.6	ng	1802950	1	8.05	329120	20.0
Octacosanol	21.33	4.1	ng	197292	5	21.69	952363	20.0