LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044815.D
Acq On : 16 Mar 2020 16:19
Operator : CG/JU
Sample : L1912-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-3

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-BG031020.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	3.152	6	11	21	rBV2	88562	200261	4.11%	0.762%
2	3.229	21	24	29	rVB2	37467	55578	1.14%	0.212%
3	5.620	424	431	439	rBV	1265221	2079760	42.71%	7.915%
4	7.201	692	700	711	rBV	1265276	2257288	46.36%	8.591%
5	8.047	837	844	851	rBV	314014	549148	11.28%	2.090%
6	8.376	892	900	912	rVB	950197	1719923	35.32%	6.546%
7	9.204	1032	1041	1051	rBV	798220	1437605	29.52%	5.471%
8	10.855	1315	1322	1330	rVB	403517	743131	15.26%	2.828%
9	13.305	1732	1739	1747	rBV	1955104	3033563	62.30%	11.545%
10	14.128	1873	1879	1886	rBV	206959	317815	6.53%	1.210%
11	14.680	1965	1973	1982	rBV	655476	1062349	21.82%	4.043%
12	16.167	2218	2226	2241	rBV	1721896	2758274	56.65%	10.498%
13	17.424	2433	2440	2447	rBV	884227	1392940	28.61%	5.301%
14	20.039	2878	2885	2892	rBV	3688610	4869241	100.00%	18.532%
15	21.355	3105	3109	3118	rBV3	135217	259292	5.33%	0.987%
16	21.695	3159	3167	3175	rBV2	907632	1566619	32.17%	5.962%
17	22.536	3307	3310	3317	rVB3	30424	61670	1.27%	0.235%
18	23.241	3425	3430	3436	rBV3	39548	72573	1.49%	0.276%
19	23.429	3456	3462	3468	rVB2	45388	85839	1.76%	0.327%
20	24.051	3563	3568	3574	rVB3	46674	95525	1.96%	0.364%
21	24.903	3702	3713	3725	rBV2	518321	1545066	31.73%	5.880%
22	25.015	3725	3732	3740	rVB5	41340	111794	2.30%	0.425%

Sum of corrected areas: 26275254

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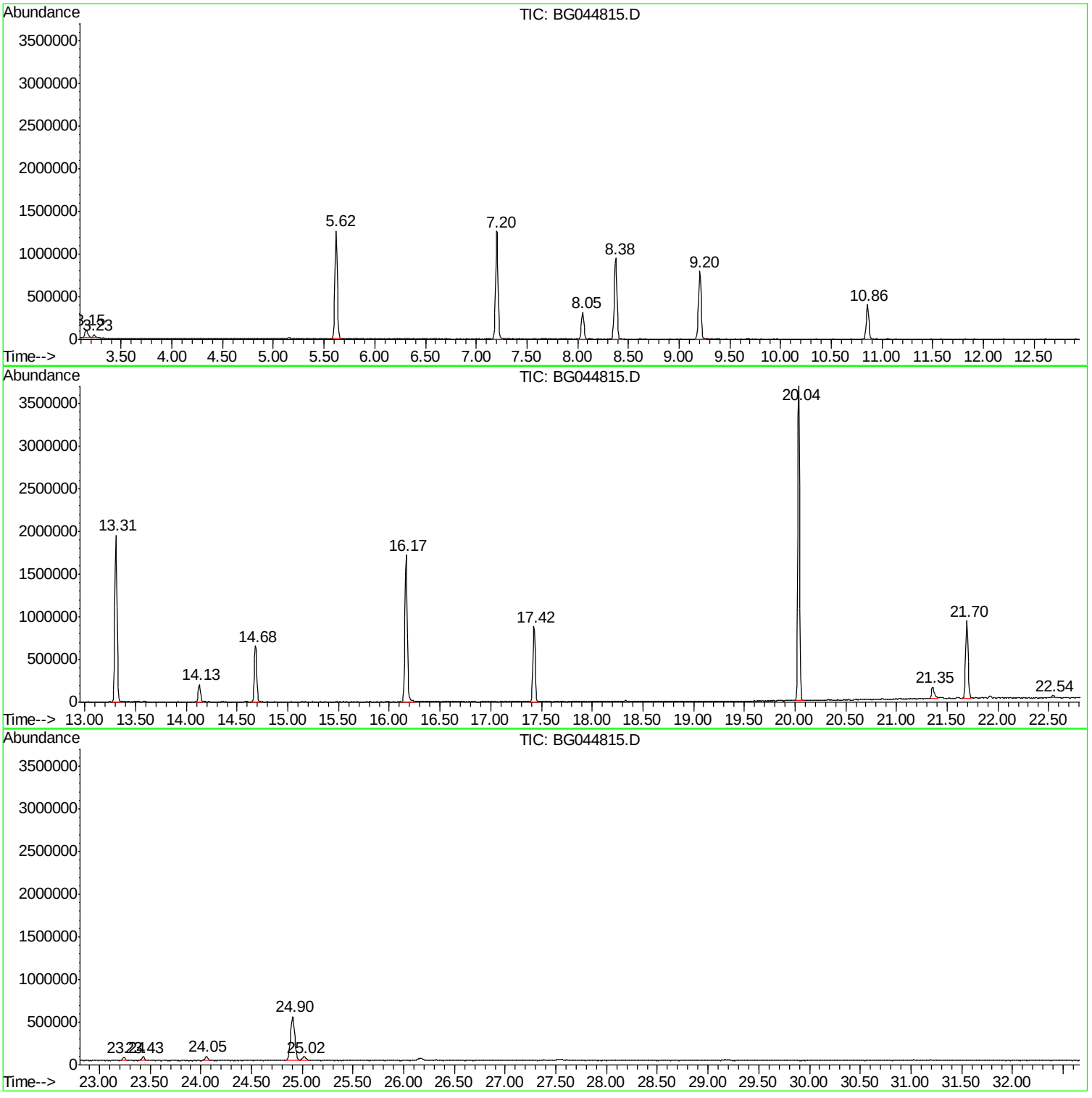
Instrument :
BNA_G
ClientSampleId :
Z1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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\BG031620\
Data File : BG044815.D
Acq On : 16 Mar 2020 16:19
Operator : CG/JU
Sample : L1912-17
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

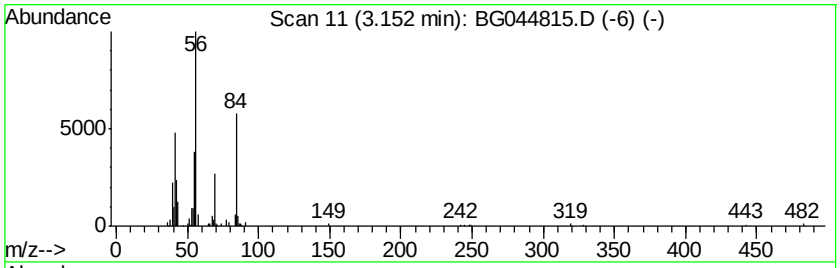
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

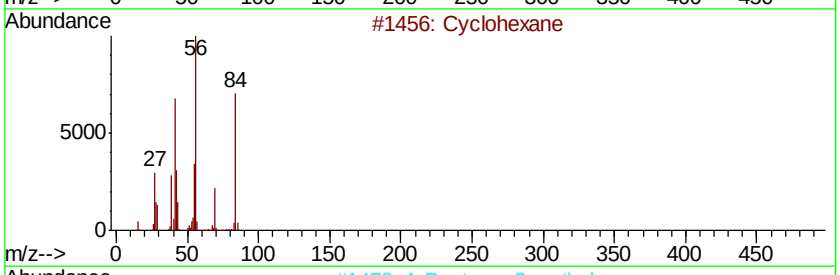
****

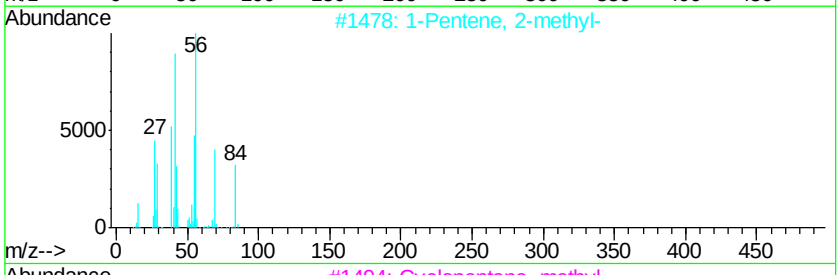
Peak Number 1 Cyclohexane Concentration Rank 2

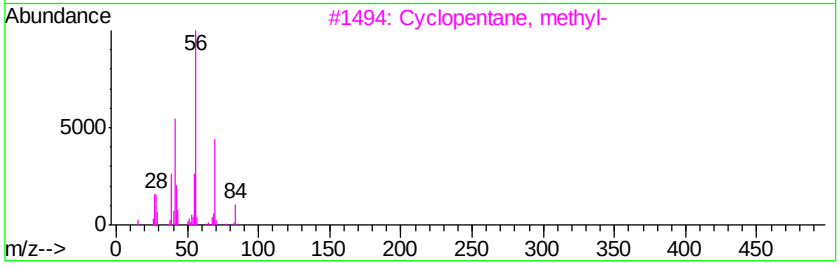
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	7.29 ng	200261	1,4-Dichlorobenzene-d4	8.05

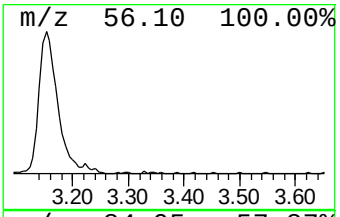
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	38

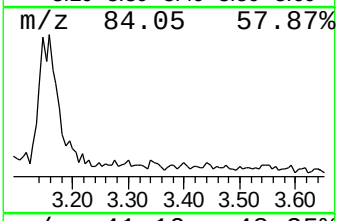


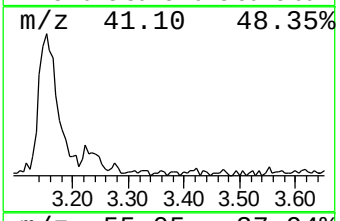


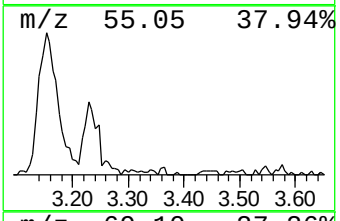


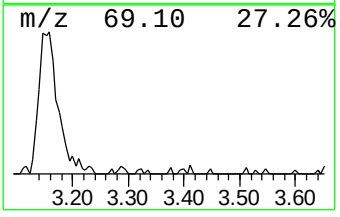












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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

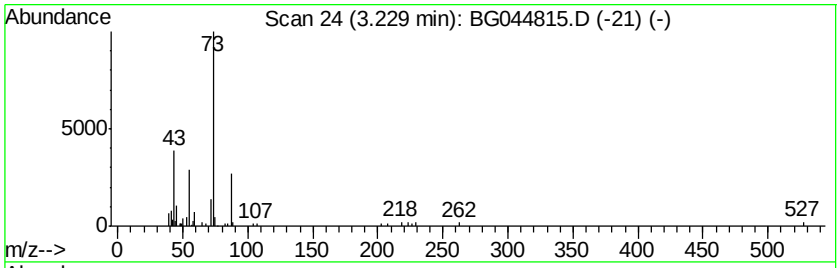
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

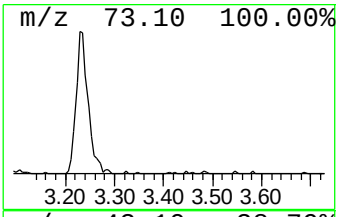
****

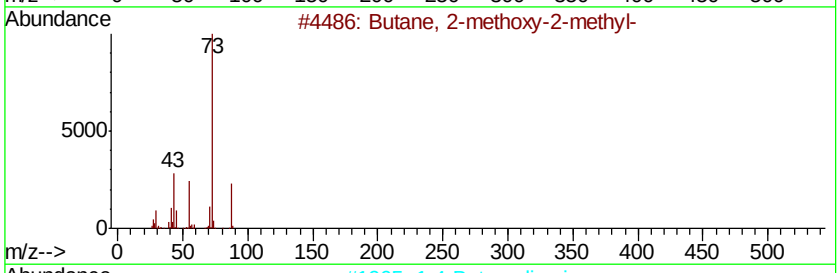
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

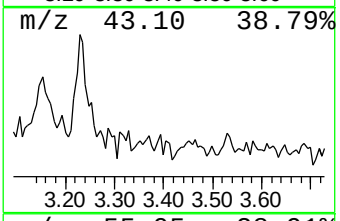
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.02 ng	55578	1,4-Dichlorobenzene-d4	8.05

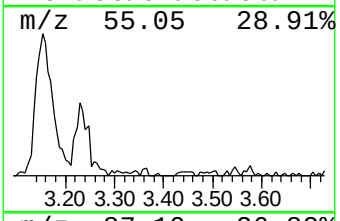
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
3	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9

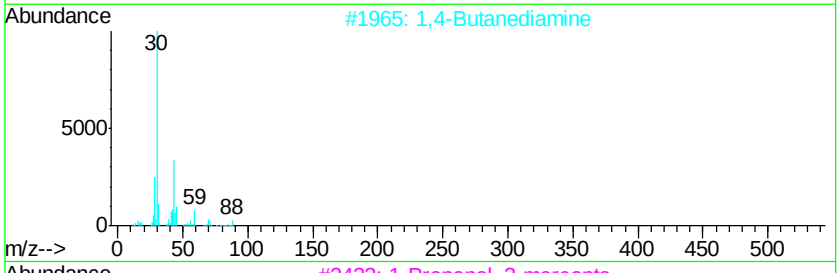


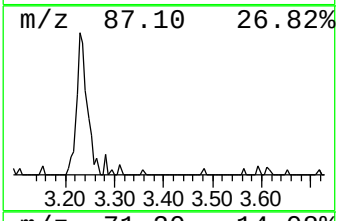


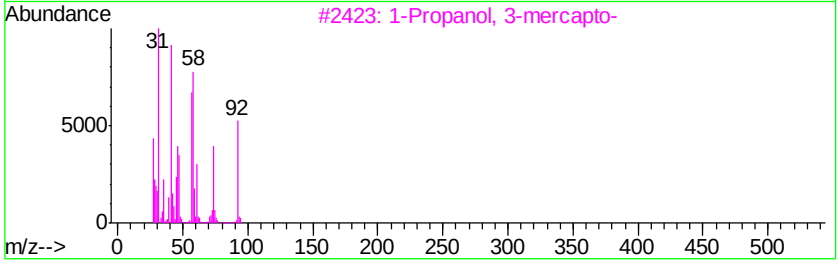


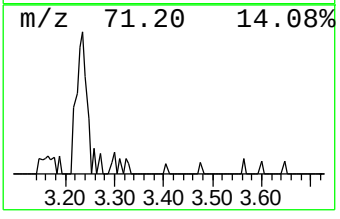












Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : Z1-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

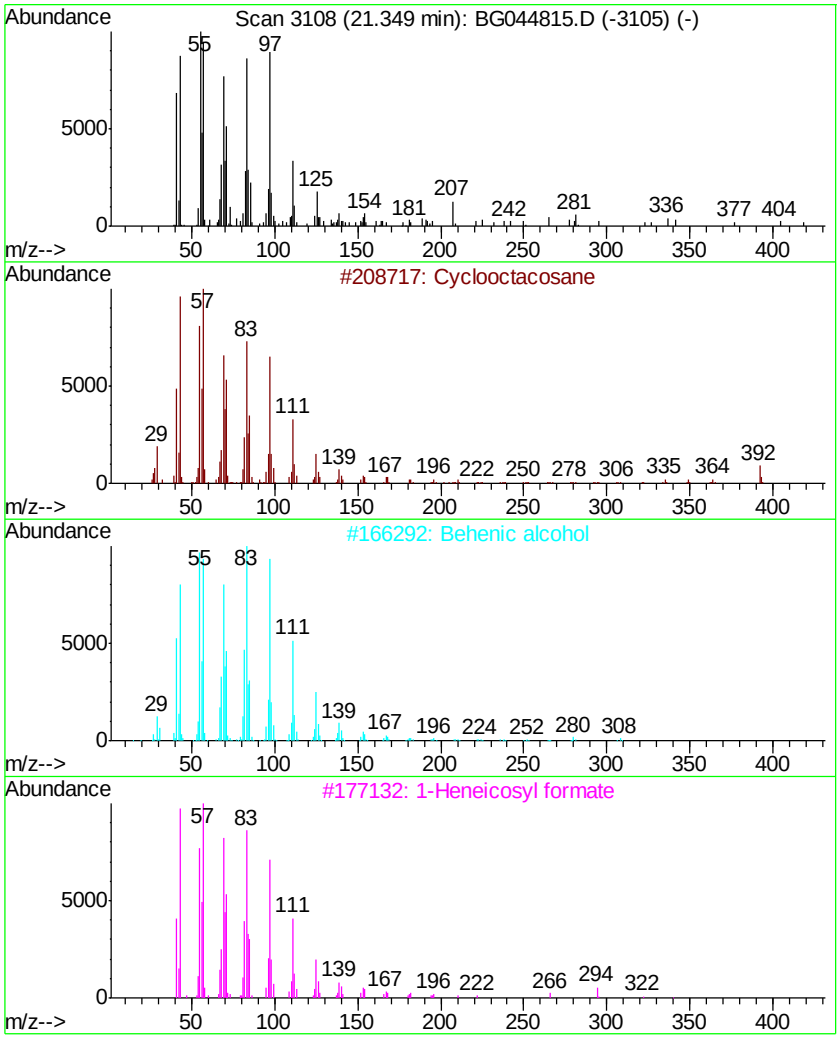
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

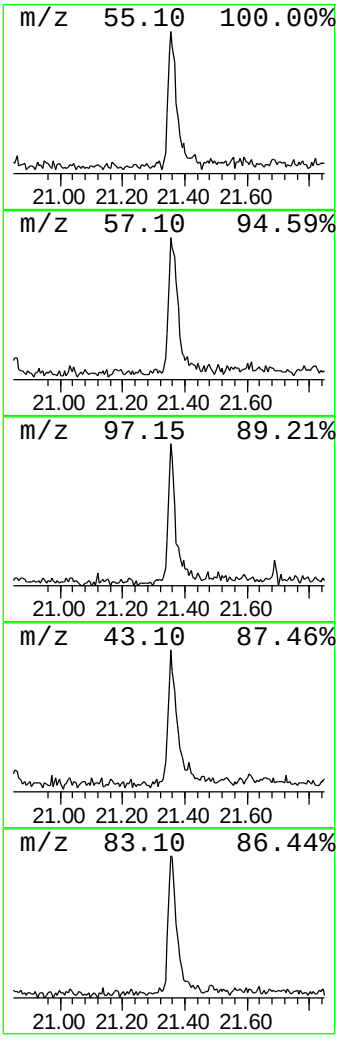
****

Peak Number 4 Cyclooctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.31 ng	259292	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
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ClientSampleId : Z1-3

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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
Cyclohexane	3.15	7.3	ng	200261	1	8.05	549148	20.0
Butane, 2-methoxy...	3.23	2.0	ng	55578	1	8.05	549148	20.0
Cyclooctacosane	21.35	3.3	ng	259292	5	21.70	1566620	20.0