LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100119\
Data File : BG042970.D
Acq On : 1 Oct 2019 17:05
Operator : JU
Sample : PB123514BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123514BL

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	3.181	9	16	25	rBV2	90205	208962	3.89%	0.860%
2	3.258	25	29	41	rVB	66728	117073	2.18%	0.482%
3	5.655	430	437	449	rBV	877489	1430017	26.59%	5.882%
4	7.241	698	707	716	rBV	953579	1635096	30.40%	6.726%
5	7.606	761	769	779	rBV	877039	1560191	29.01%	6.418%
6	8.070	841	848	855	rBV	280269	473771	8.81%	1.949%
7	8.393	896	903	913	rBV	707262	1233731	22.94%	5.075%
8	9.227	1038	1045	1057	rBV	534606	998359	18.56%	4.107%
9	10.872	1317	1325	1335	rBV	331104	616355	11.46%	2.535%
10	13.316	1733	1741	1754	rBV	1595473	2542703	47.27%	10.460%
11	14.139	1872	1881	1888	rBV	49679	76305	1.42%	0.314%
12	14.685	1965	1974	1985	rBV	569595	930276	17.30%	3.827%
13	16.172	2220	2227	2236	rBV	1701379	2507445	46.62%	10.314%
14	17.429	2435	2441	2448	rBV2	756911	1193256	22.19%	4.909%
15	18.317	2588	2592	2600	rBV2	45441	71801	1.33%	0.295%
16	20.038	2879	2885	2900	rBV	3898505	5378603	100.00%	22.125%
17	21.348	3103	3108	3117	rBV4	100854	242548	4.51%	0.998%
18	21.701	3161	3168	3179	rVB2	842970	1449602	26.95%	5.963%
19	24.022	3559	3563	3569	rVB6	34040	65583	1.22%	0.270%
20	24.926	3706	3717	3733	rVB2	528665	1578279	29.34%	6.492%

Sum of corrected areas: 24309956

LSC Report - Integrated Chromatogram

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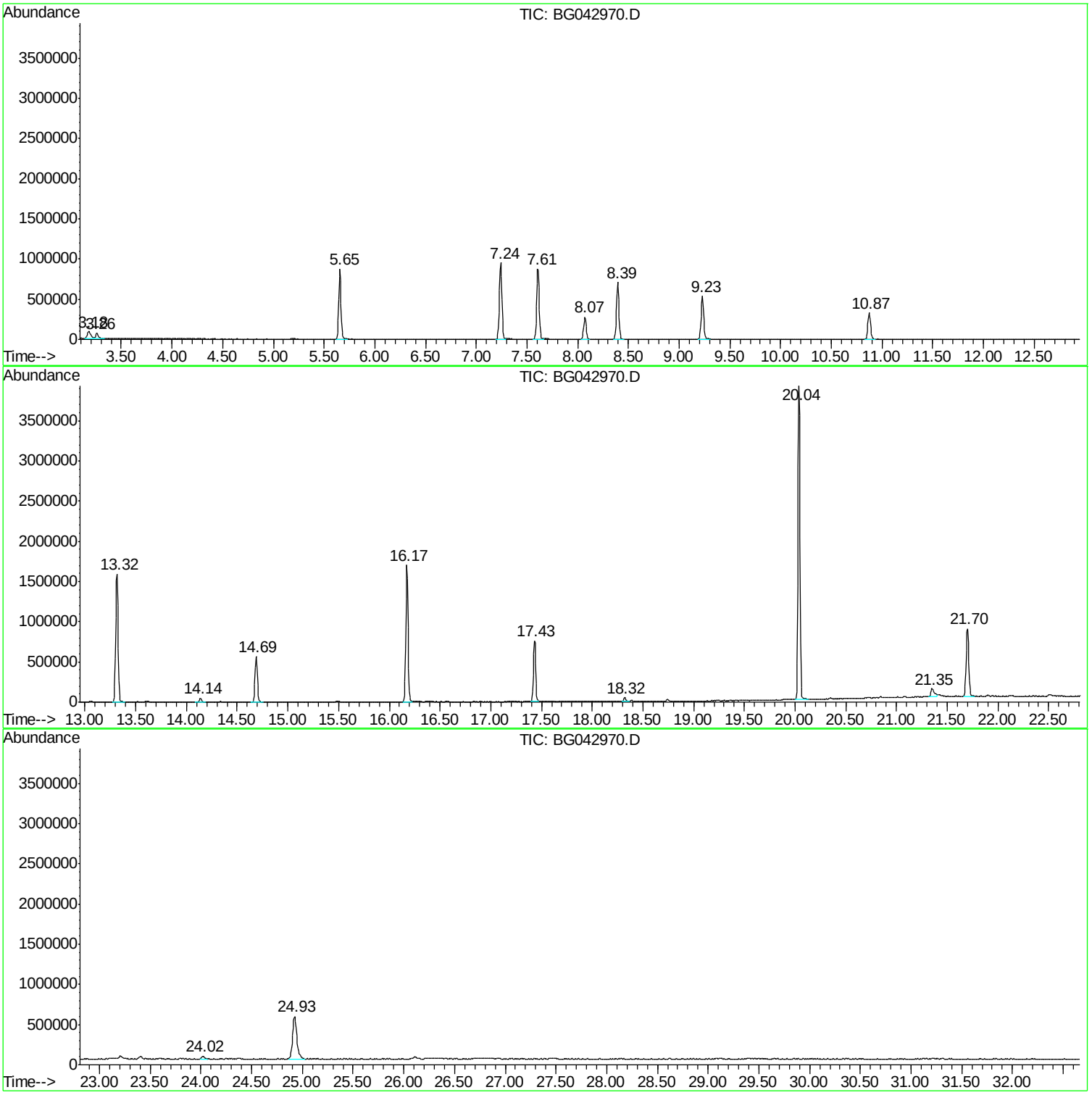
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123514BL

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 : BG042970.D
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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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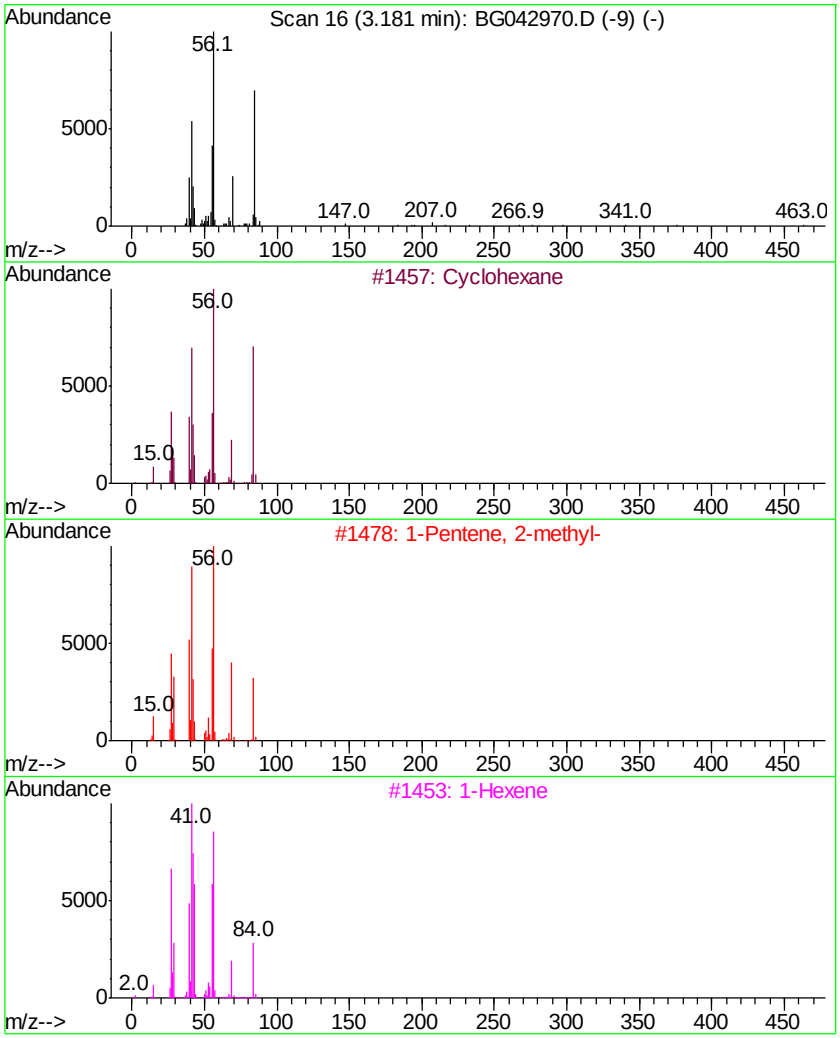
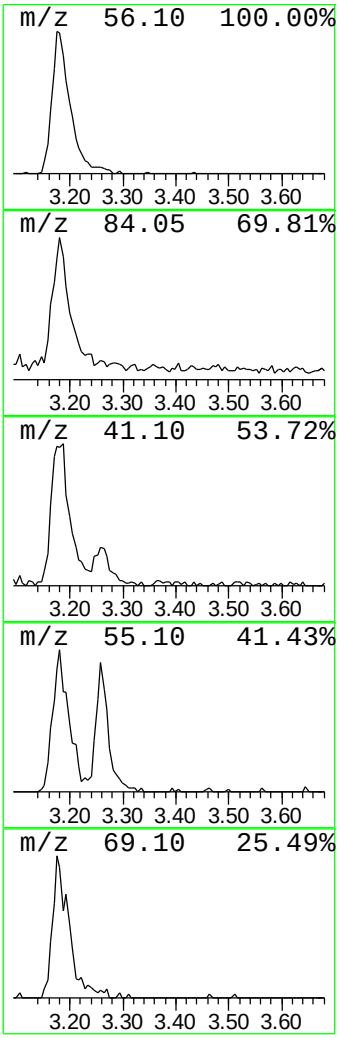
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	8.82 ng	208962	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	50
4	2-Butene, (E)-	56	C4H8	000624-64-6	46
5	Cyclobutane	56	C4H8	000287-23-0	43





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Sample : PB123514BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123514BL

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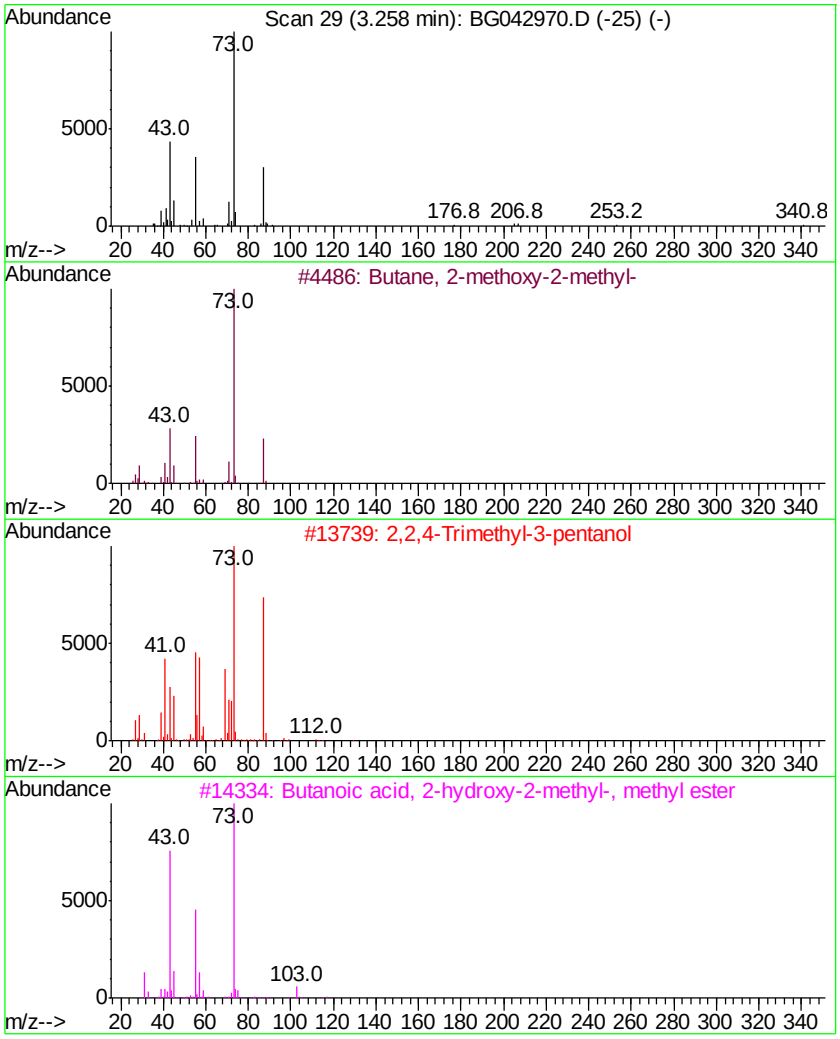
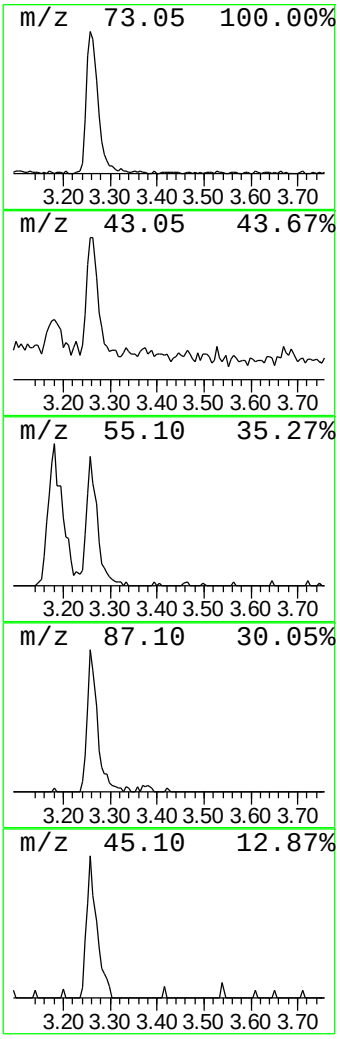
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	4.94 ng	117073	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	35
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123514BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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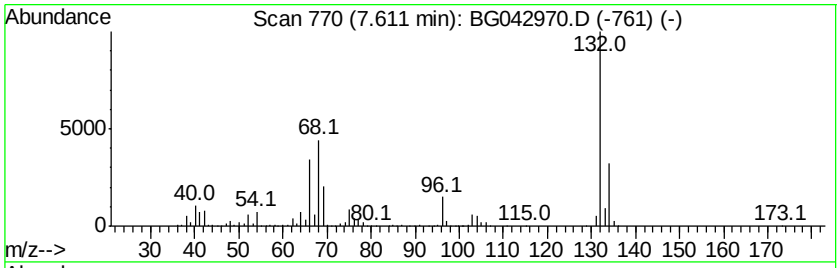
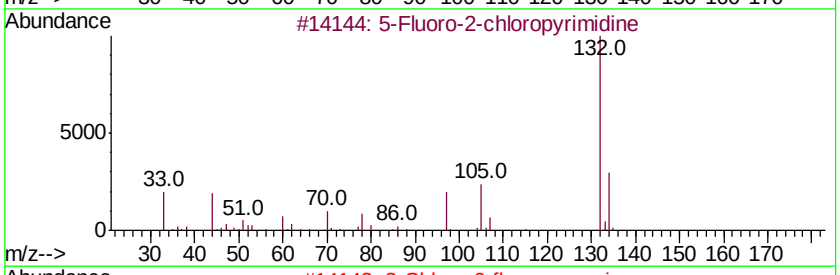
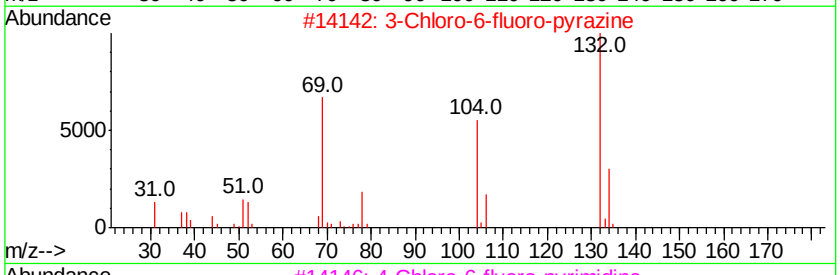
Peak Number 3 unknown7.61 Concentration Rank 1

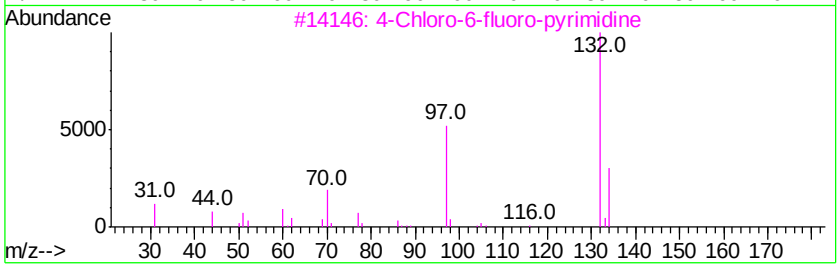
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	65.86 ng	1560190	1,4-Dichlorobenzene-d4	8.07

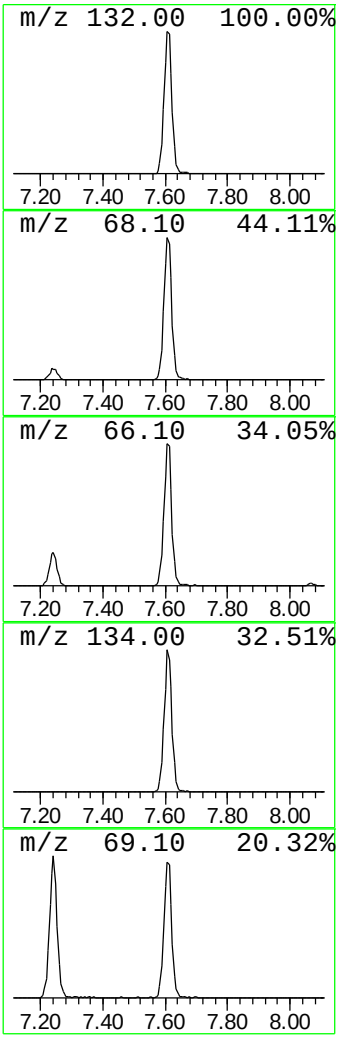
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22











Library Search Compound Report

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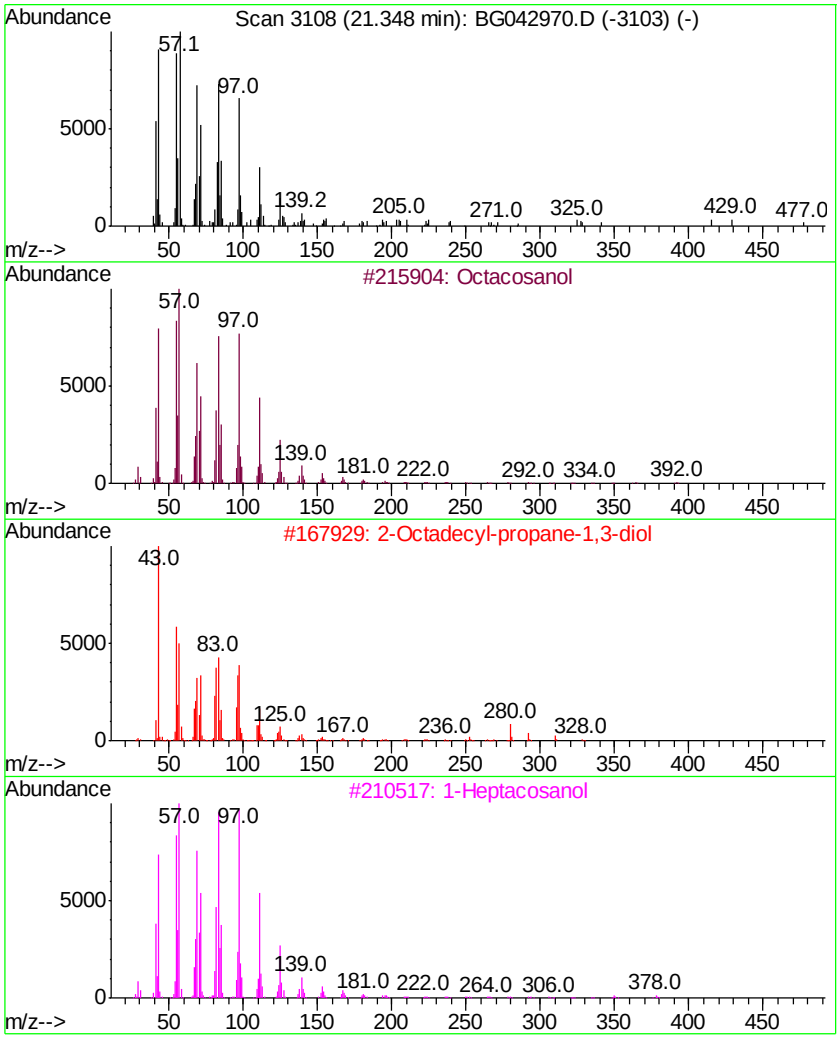
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

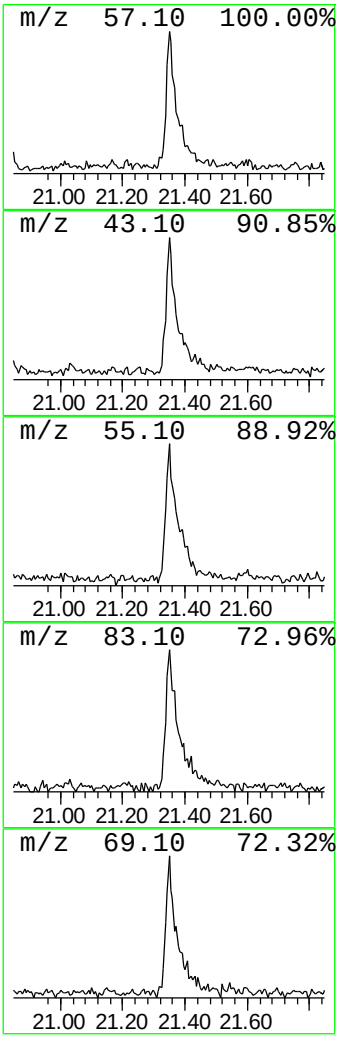
****

Peak Number 5 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.35 ng	242548	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	90
2	2-Octadecyl-propane-1,3-diol	328	C21H44O2	005337-61-1	90
3	1-Heptacosanol	396	C27H56O	002004-39-9	90
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	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
1-Pentene, 2-methyl-	3.18	8.8	ng	208962	1	8.07	473771	20.0
Butane, 2-methoxy...	3.26	4.9	ng	117073	1	8.07	473771	20.0
unknown7.61	7.61	65.9	ng	1560190	1	8.07	473771	20.0
Octacosanol	21.35	3.4	ng	242548	5	21.70	1449600	20.0