LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012020\
Data File : BG044117.D
Acq On : 21 Jan 2020 3:31
Operator : JU
Sample : L1176-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-4

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-BG123019.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	5.033	325	331	344	rVB	350223	541247	9.12%	1.600%
2	5.509	404	412	426	rBV	1559728	2486380	41.91%	7.352%
3	7.107	676	684	700	rBV	1605303	3007206	50.68%	8.892%
4	7.465	737	745	760	rBV	1609467	2822615	47.57%	8.346%
5	7.930	817	824	834	rBV	287805	479173	8.08%	1.417%
6	8.253	871	879	890	rBV	1211838	2115001	35.65%	6.254%
7	9.087	1012	1021	1040	rBV	944972	1749431	29.48%	5.173%
8	10.732	1291	1301	1310	rBV	397255	722884	12.18%	2.137%
9	13.188	1712	1719	1741	rBV	2578066	4397101	74.11%	13.002%
10	14.017	1853	1860	1873	rBV	179526	293967	4.95%	0.869%
11	14.569	1946	1954	1964	rBV	684476	1121828	18.91%	3.317%
12	16.055	2200	2207	2226	rBV	2126187	3360418	56.64%	9.936%
13	17.313	2413	2421	2434	rBV	793031	1257763	21.20%	3.719%
14	19.927	2859	2866	2876	rBV	4240961	5933373	100.00%	17.544%
15	21.226	3082	3087	3108	rBV	208764	508028	8.56%	1.502%
16	21.555	3137	3143	3157	rBV2	763419	1267424	21.36%	3.748%
17	22.366	3275	3281	3285	rBV	49387	89012	1.50%	0.263%
18	23.035	3389	3395	3402	rVB	61543	112327	1.89%	0.332%
19	23.817	3521	3528	3537	rVB	66382	142490	2.40%	0.421%
20	24.669	3662	3673	3681	rBV2	447442	1302481	21.95%	3.851%
21	25.826	3863	3870	3881	rVB4	39277	109140	1.84%	0.323%

Sum of corrected areas: 33819289

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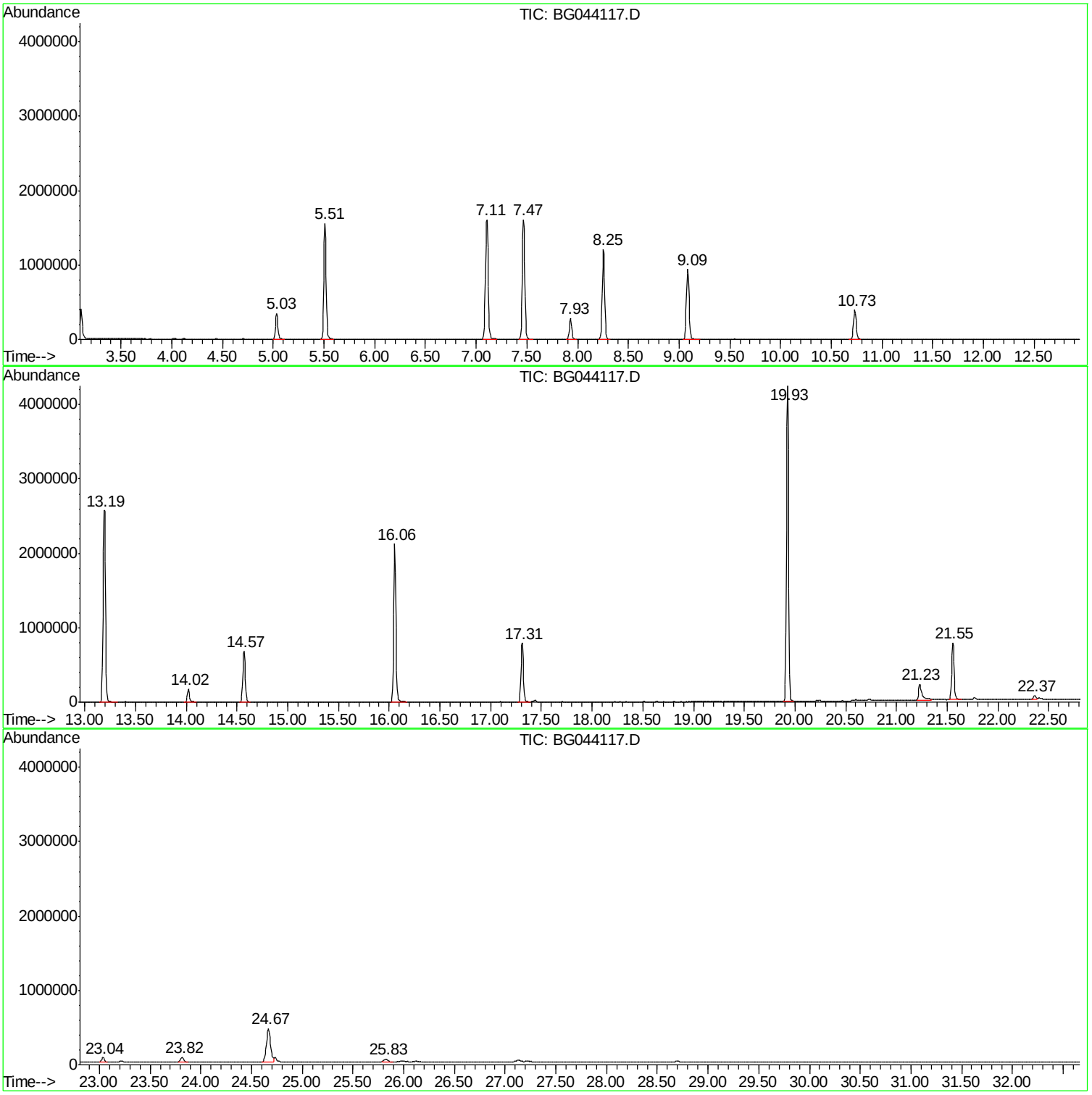
EP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.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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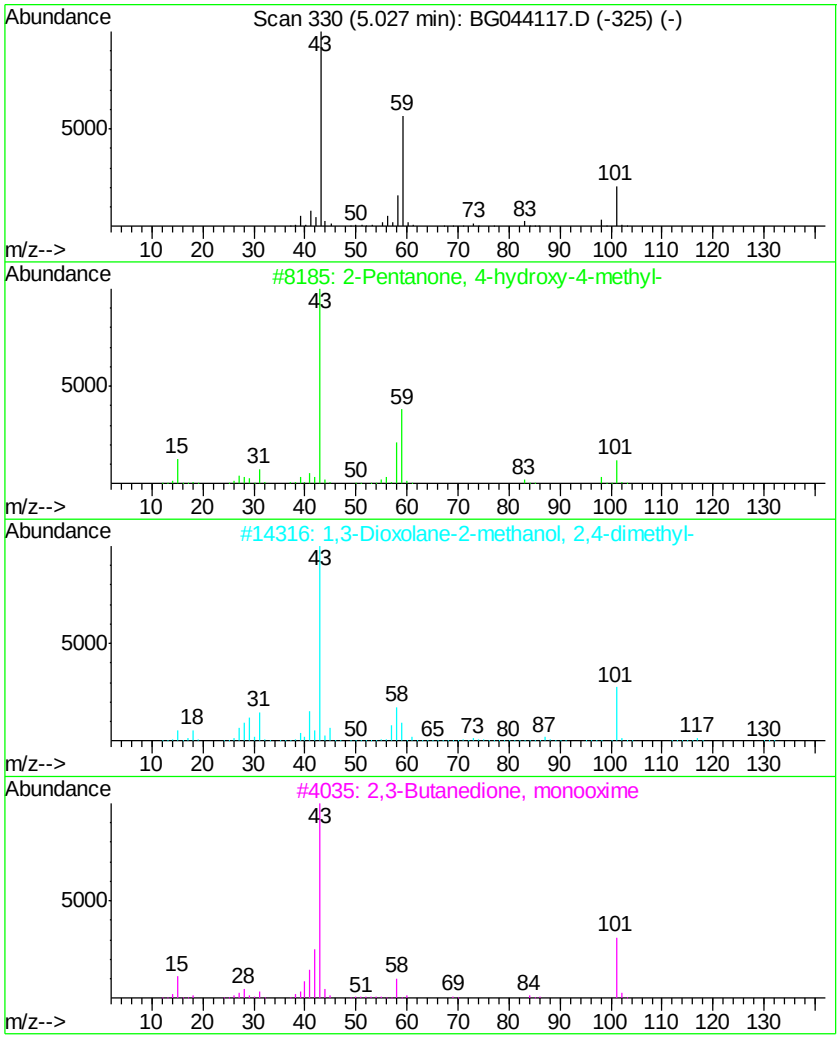
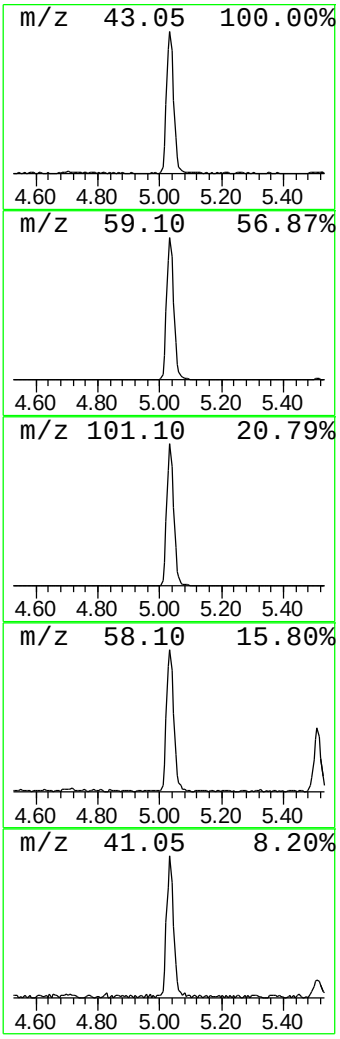
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	22.59 ng	541247	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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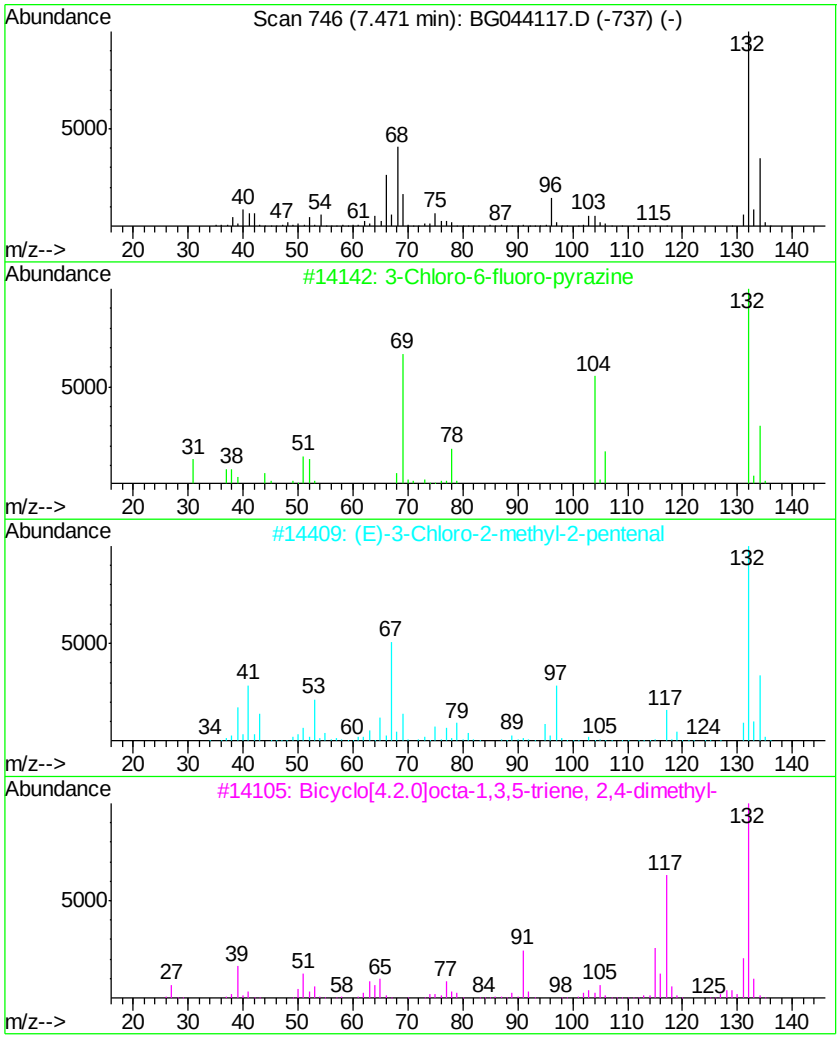
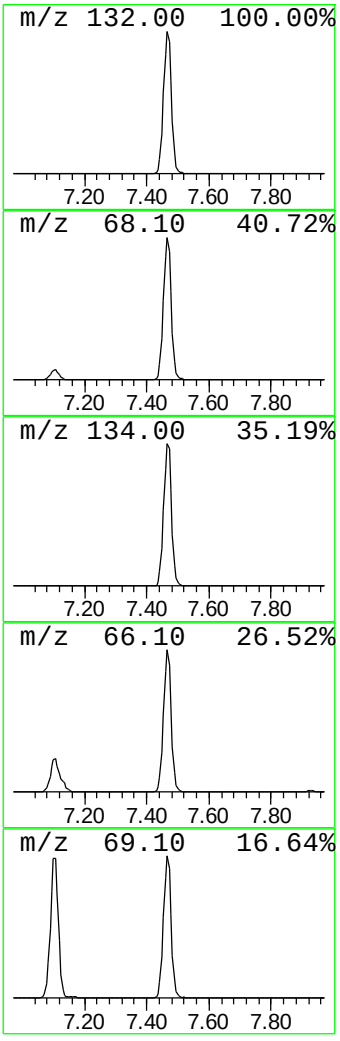
Peak Number 2 unknown7.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	117.81 ng	2822620	1,4-Dichlorobenzene-d4	7.93

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

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Acq On : 21 Jan 2020 3:31
Operator : JU
Sample : L1176-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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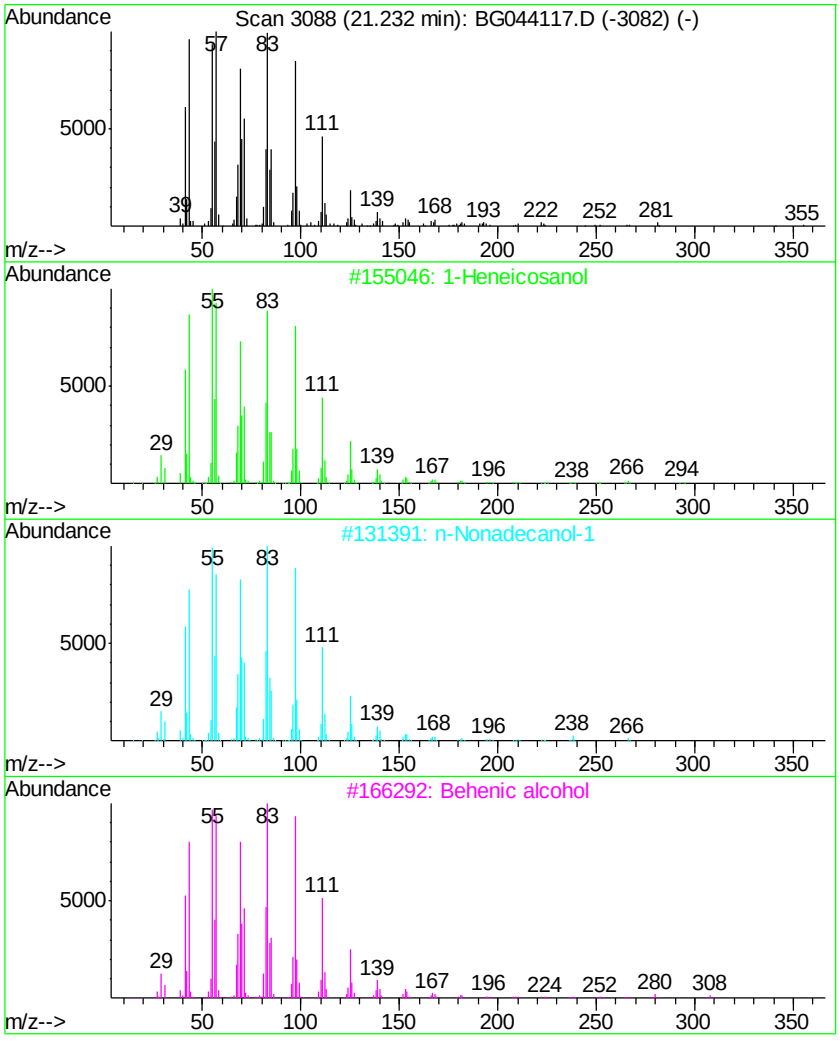
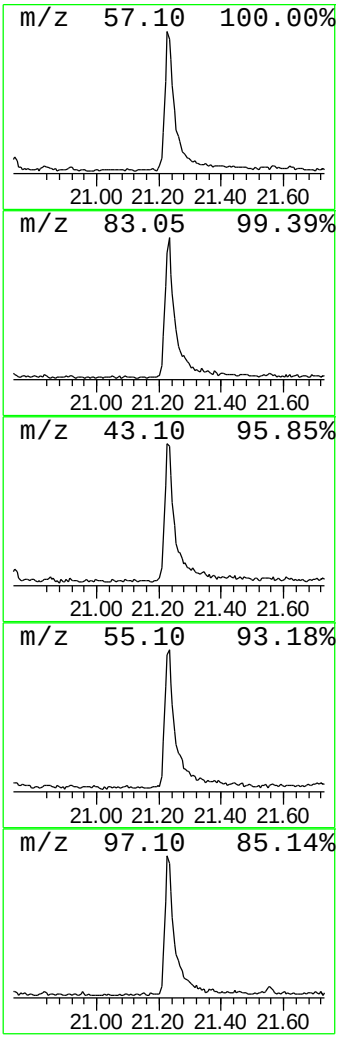
Peak Number 4 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	8.02 ng	508028	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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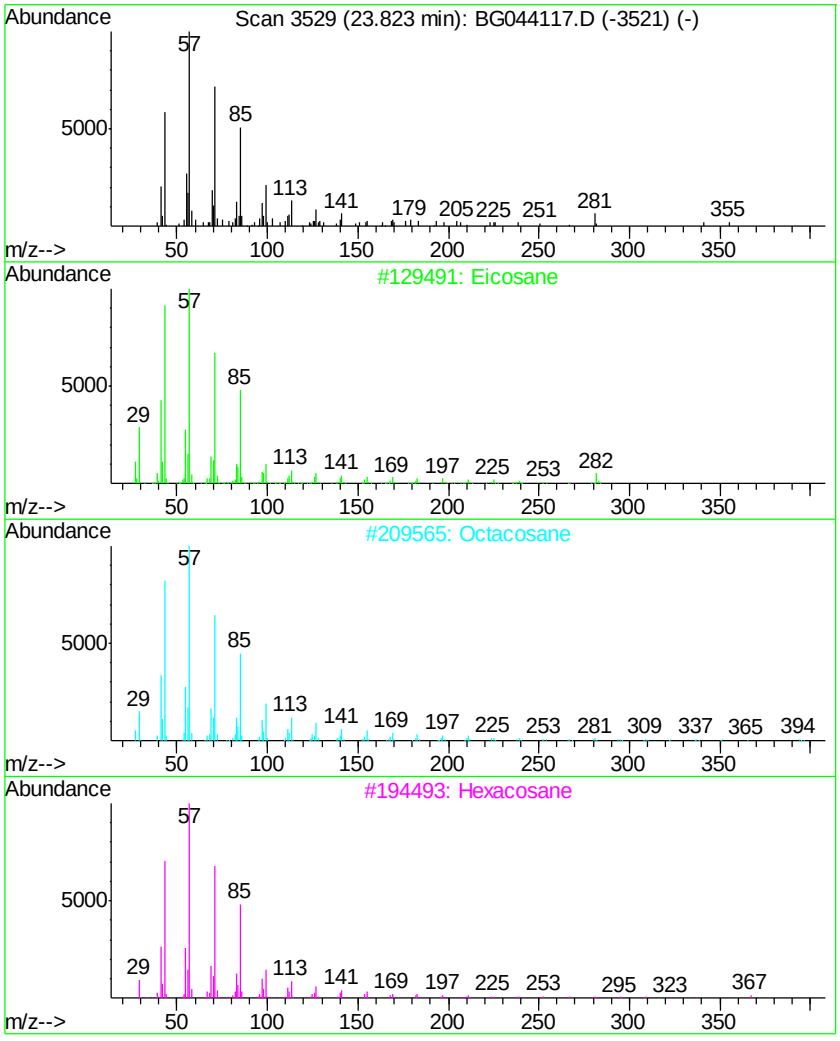
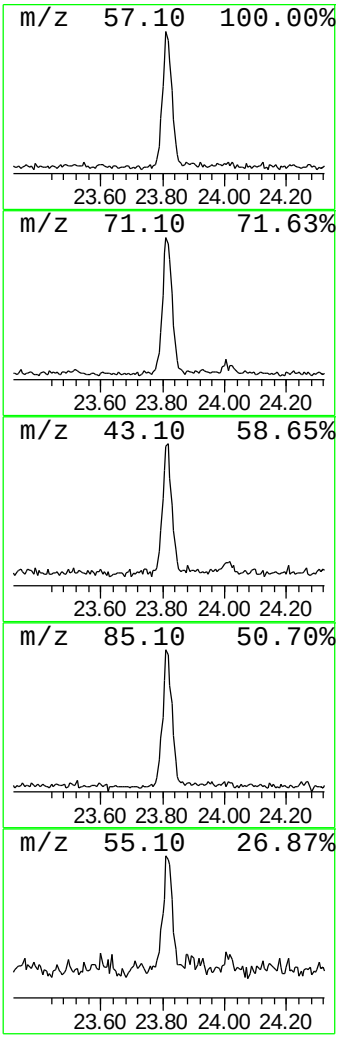
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.19 ng	142490	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG012020\
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.03	22.6	ng	541247	1	7.93	479173	20.0
unknown7.47	7.47	117.8	ng	2822620	1	7.93	479173	20.0
1-Heneicosanol	21.23	8.0	ng	508028	5	21.55	1267420	20.0
Eicosane	23.82	2.2	ng	142490	6	24.67	1302480	20.0