LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036730.D
Acq On : 15 Sep 2018 7:47
Operator : JU/SJ
Sample : J4771-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-091218

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-BG082318.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	5.157	310	318	330	rVB2	173628	285378	6.50%	1.301%
2	5.621	389	397	408	rBV	917602	1440041	32.78%	6.567%
3	7.208	659	667	679	rBV	855918	1449710	33.00%	6.611%
4	7.584	722	731	739	rBV	937215	1590800	36.22%	7.254%
5	8.048	803	810	818	rBV	209526	360595	8.21%	1.644%
6	8.371	858	865	876	rVB	656870	1138116	25.91%	5.190%
7	9.211	1000	1008	1016	rBV	609814	1058090	24.09%	4.825%
8	10.850	1280	1287	1296	rBV	286621	516138	11.75%	2.354%
9	13.300	1696	1704	1713	rBV	1529666	2434796	55.43%	11.103%
10	14.675	1930	1938	1945	rBV2	474726	757017	17.23%	3.452%
11	16.162	2184	2191	2206	rBV	1384098	2209731	50.31%	10.077%
12	17.413	2398	2404	2415	rVB	665640	1042776	23.74%	4.755%
13	20.022	2842	2848	2858	rBV	3262505	4392593	100.00%	20.031%
14	21.679	3123	3130	3138	rBV2	726246	1194483	27.19%	5.447%
15	22.478	3261	3266	3271	rBV2	57376	91617	2.09%	0.418%
16	23.171	3378	3384	3394	rVB	90412	164542	3.75%	0.750%
17	23.970	3513	3520	3528	rBV	90542	198656	4.52%	0.906%
18	24.887	3665	3676	3692	rBV2	424904	1324874	30.16%	6.042%
19	26.038	3863	3872	3884	rVB4	53946	167535	3.81%	0.764%
20	27.384	4094	4101	4113	rVB5	32236	111449	2.54%	0.508%

Sum of corrected areas: 21928937

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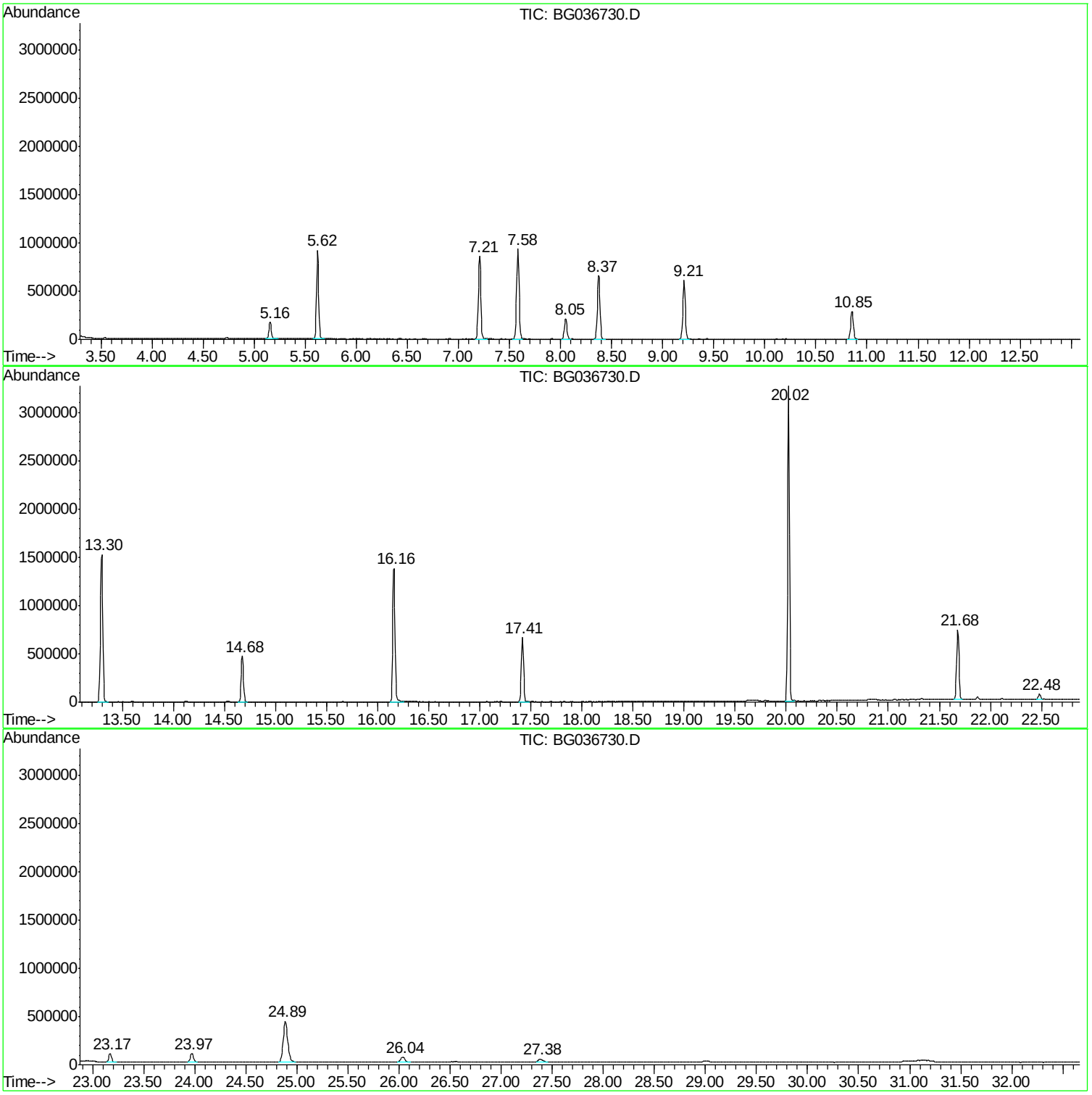
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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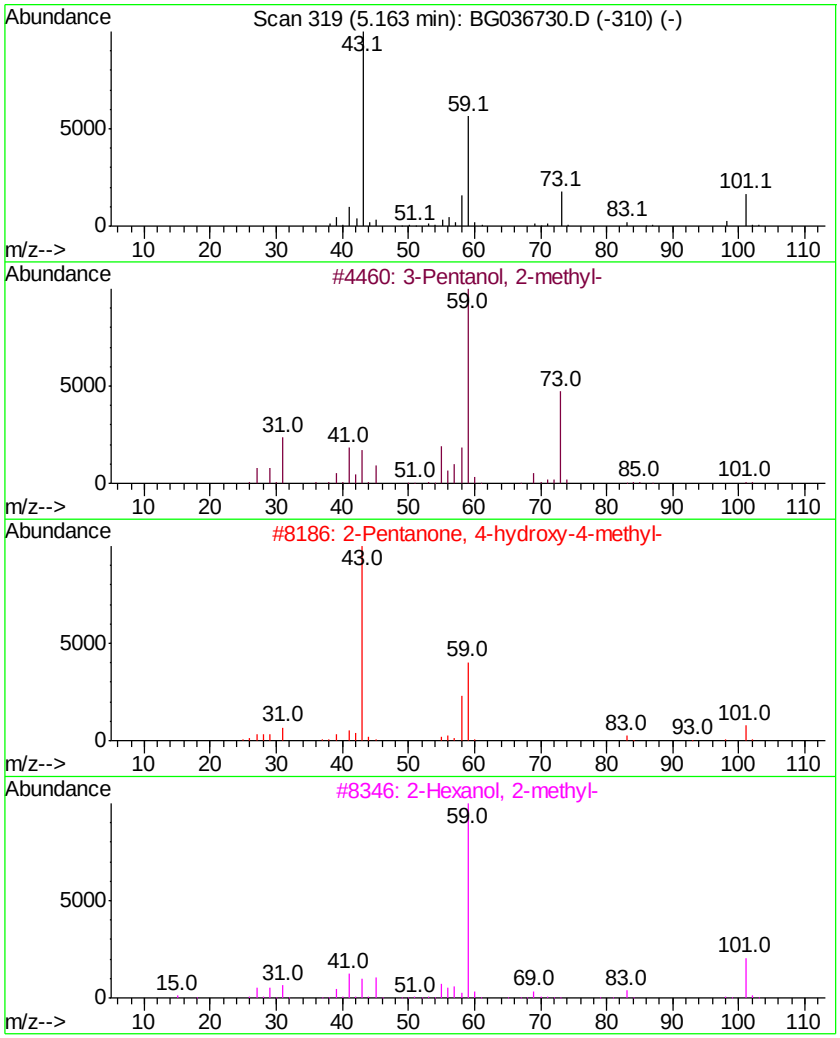
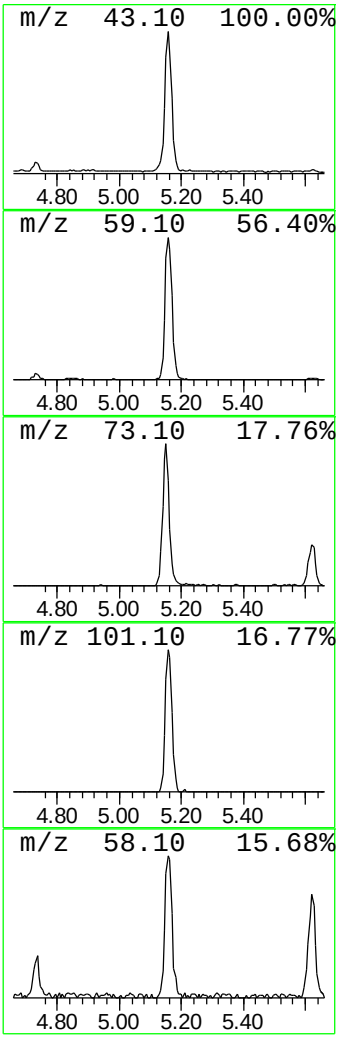
Peak Number 1 3-Pentanol, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	15.83 ng	285378	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Hexanol	102	C6H14O	000623-37-0	36
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	28





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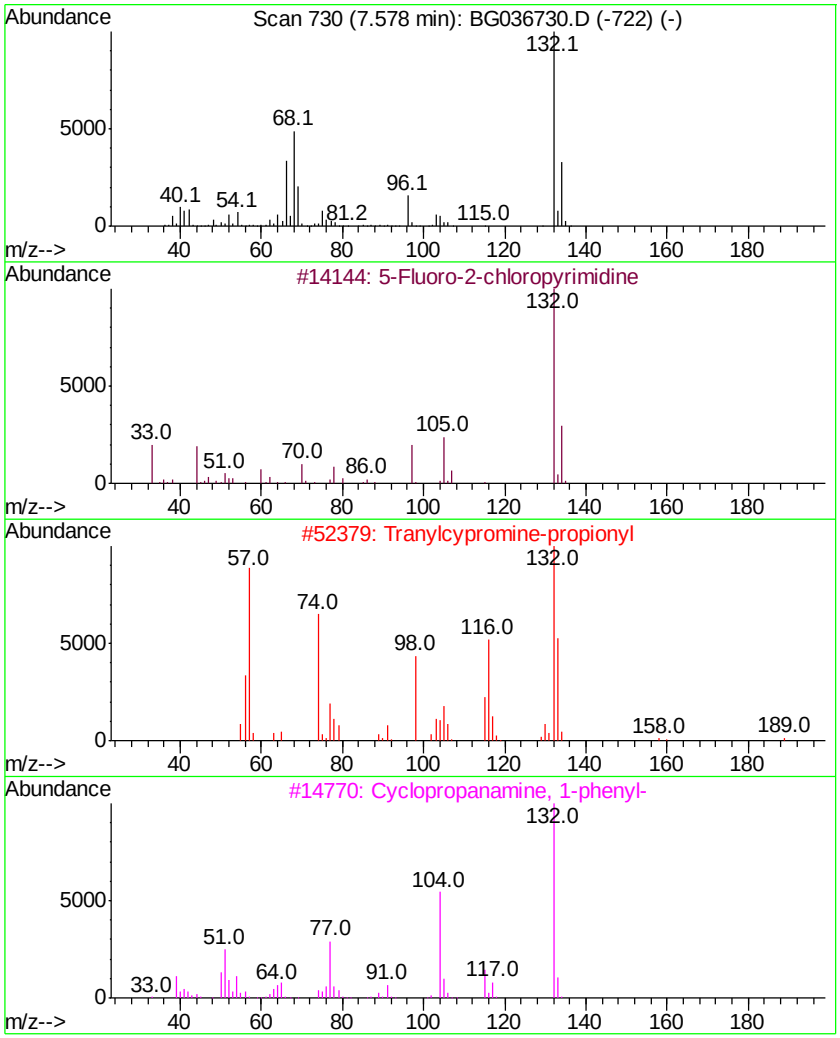
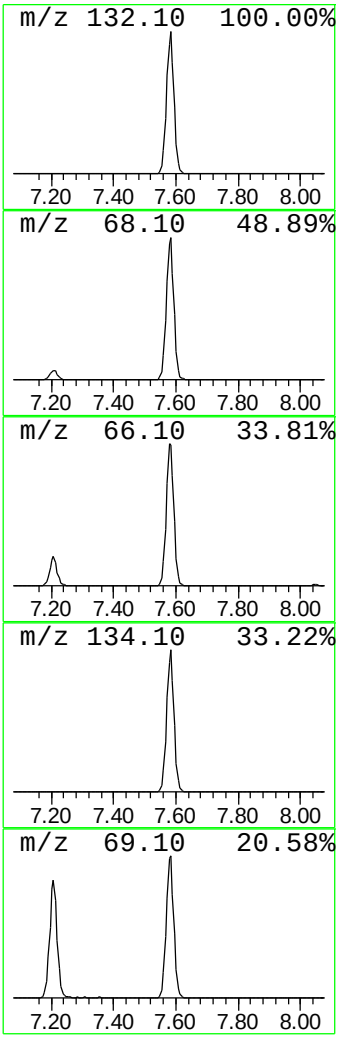
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	88.23 ng	1590800	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	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_G
ClientSampleId : NB-08-091218

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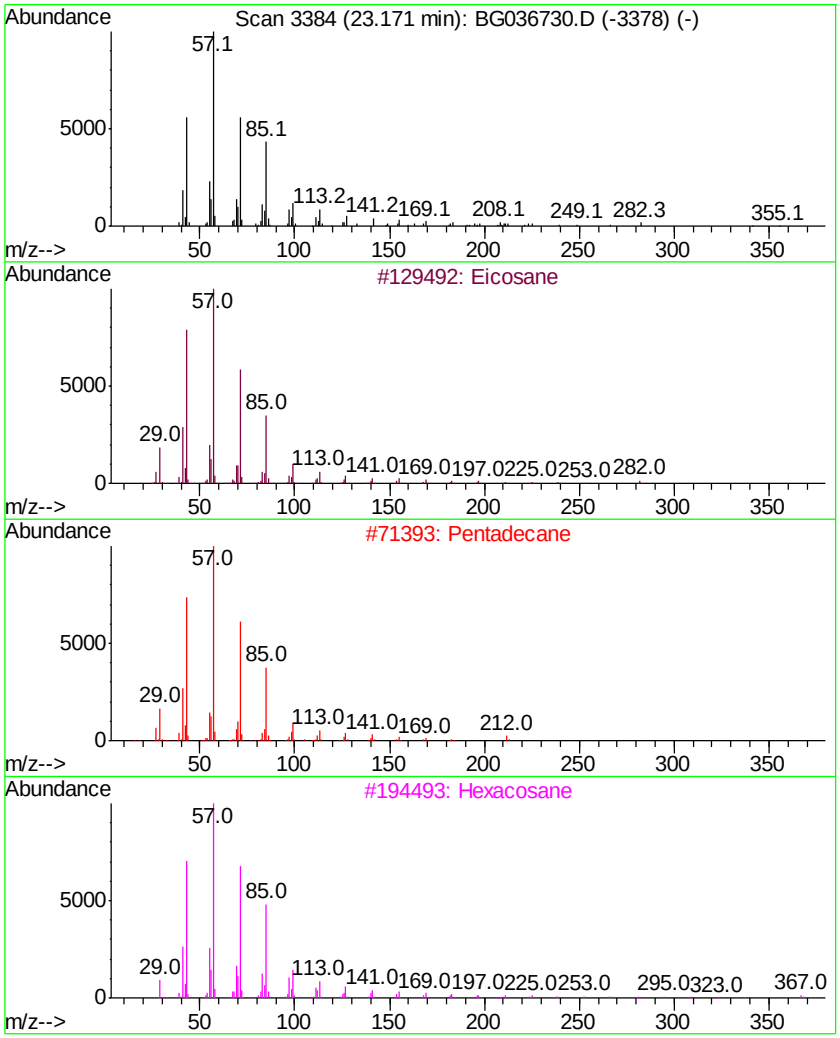
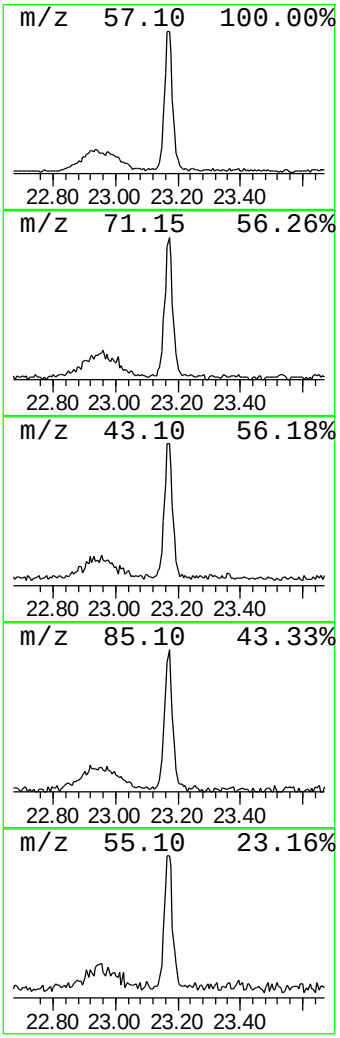
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.76 ng	164542	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Pentadecane	212	C15H32	000629-62-9	95
3	Hexacosane	366	C26H54	000630-01-3	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Tetracosane	338	C24H50	000646-31-1	90





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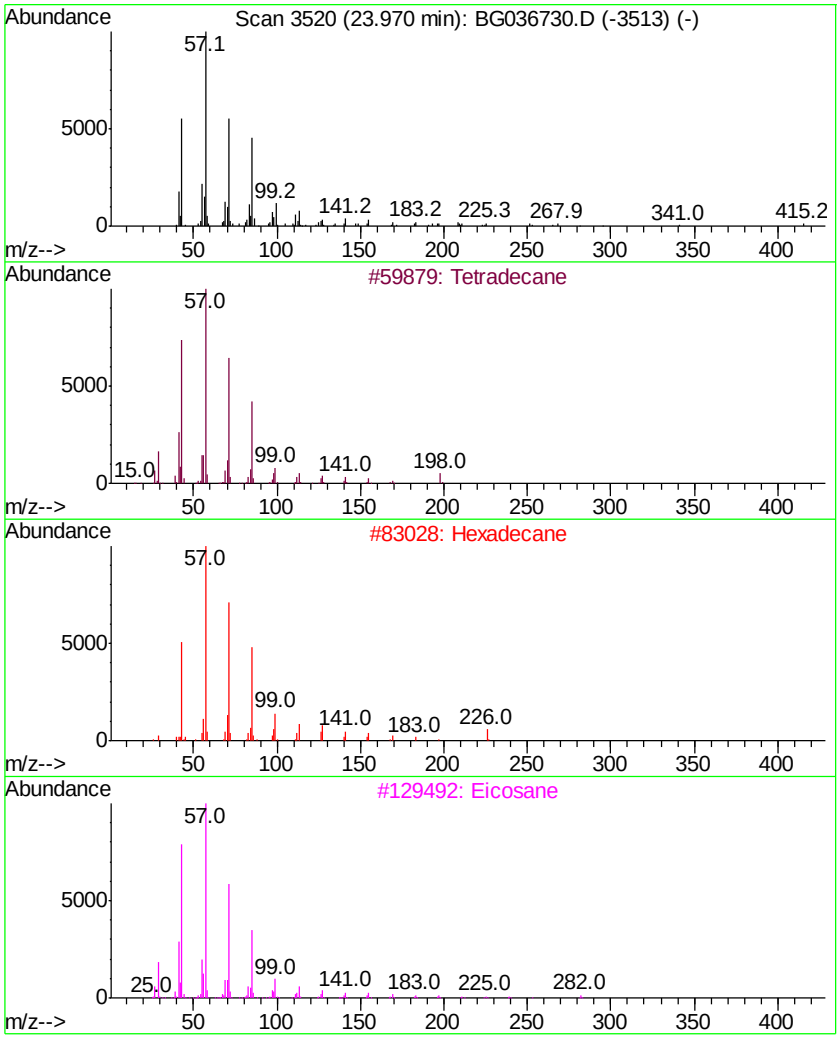
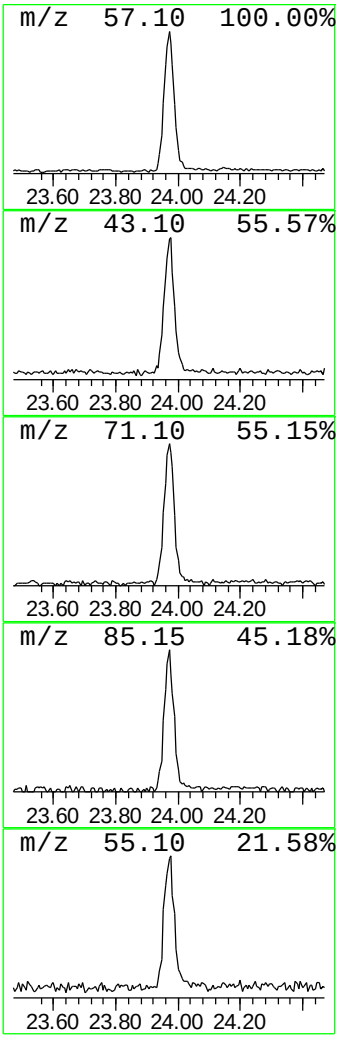
Peak Number 5 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.00 ng	198656	Perylene-d12	24.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	86
5	Heptadecane	240	C17H36	000629-78-7	86





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
3-Pentanol, 2-met...	5.16	15.8	ng	285378	1	8.05	360595	20.0
unknown7.58	7.58	88.2	ng	1590800	1	8.05	360595	20.0
Eicosane	23.17	2.8	ng	164542	5	21.68	1194480	20.0
Tetradecane	23.97	3.0	ng	198656	6	24.88	1324870	20.0