LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039867.D
Acq On : 12 Mar 2019 10:15
Operator : JU/SJ
Sample : K1837-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MR-MH-06-COMP

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-BG030419.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	3.205	15	20	29	rBV	66350	132569	3.96%	0.730%
2	3.282	29	33	40	rVB2	53431	74408	2.22%	0.410%
3	5.696	436	444	453	rBV	872651	1394102	41.67%	7.679%
4	7.300	709	717	730	rBV	920633	1640091	49.03%	9.034%
5	7.682	774	782	794	rBV	859655	1484105	44.36%	8.175%
6	8.152	855	862	871	rBV2	139320	246964	7.38%	1.360%
7	8.475	909	917	926	rBV	556467	971830	29.05%	5.353%
8	9.332	1054	1063	1073	rBV	517678	943633	28.21%	5.198%
9	10.977	1334	1343	1350	rBV	194929	361014	10.79%	1.989%
10	13.403	1746	1756	1764	rBV	1195247	1933994	57.81%	10.653%
11	14.220	1889	1895	1903	rBV	85786	118209	3.53%	0.651%
12	14.778	1983	1990	1998	rBV2	350392	559056	16.71%	3.079%
13	16.264	2236	2243	2259	rBV	1227852	1878100	56.14%	10.345%
14	17.521	2451	2457	2464	rBV	464257	729891	21.82%	4.020%
15	18.373	2596	2602	2612	rBV2	41932	73863	2.21%	0.407%
16	20.118	2892	2899	2907	rBV	2674594	3345344	100.00%	18.427%
17	20.570	2965	2976	2977	rBV4	21095	46125	1.38%	0.254%
18	21.404	3112	3118	3124	rBV7	18749	48295	1.44%	0.266%
19	21.721	3167	3172	3179	rBV3	28259	51103	1.53%	0.281%
20	21.810	3179	3187	3197	rVV2	601836	1151163	34.41%	6.341%
21	22.579	3311	3318	3323	rVB4	21704	36406	1.09%	0.201%
22	23.302	3433	3441	3449	rBV3	29804	59589	1.78%	0.328%
23	24.130	3575	3582	3589	rBV2	41372	89736	2.68%	0.494%
24	25.182	3749	3761	3772	rVB2	254014	784685	23.46%	4.322%

Sum of corrected areas: 18154275

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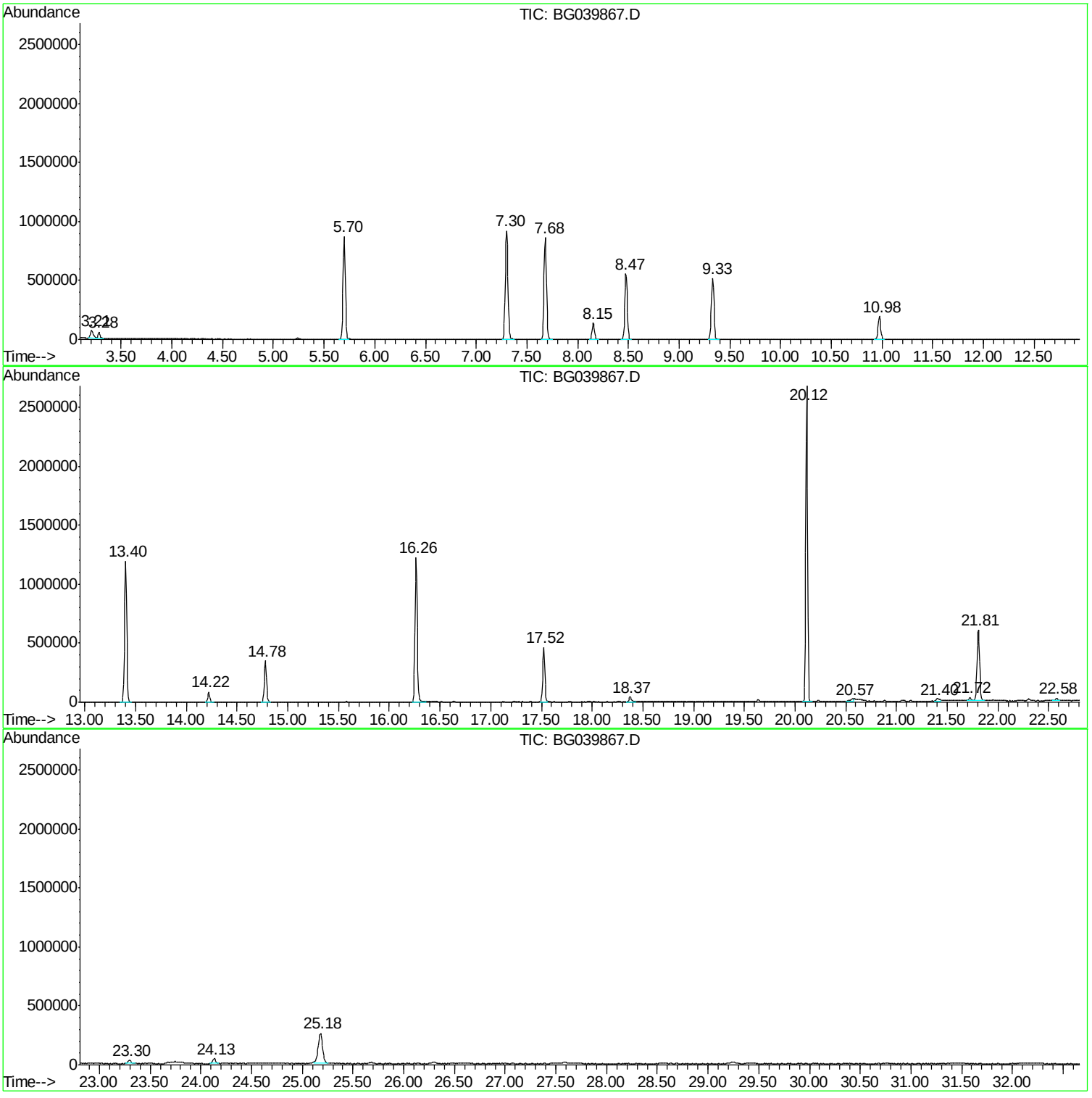
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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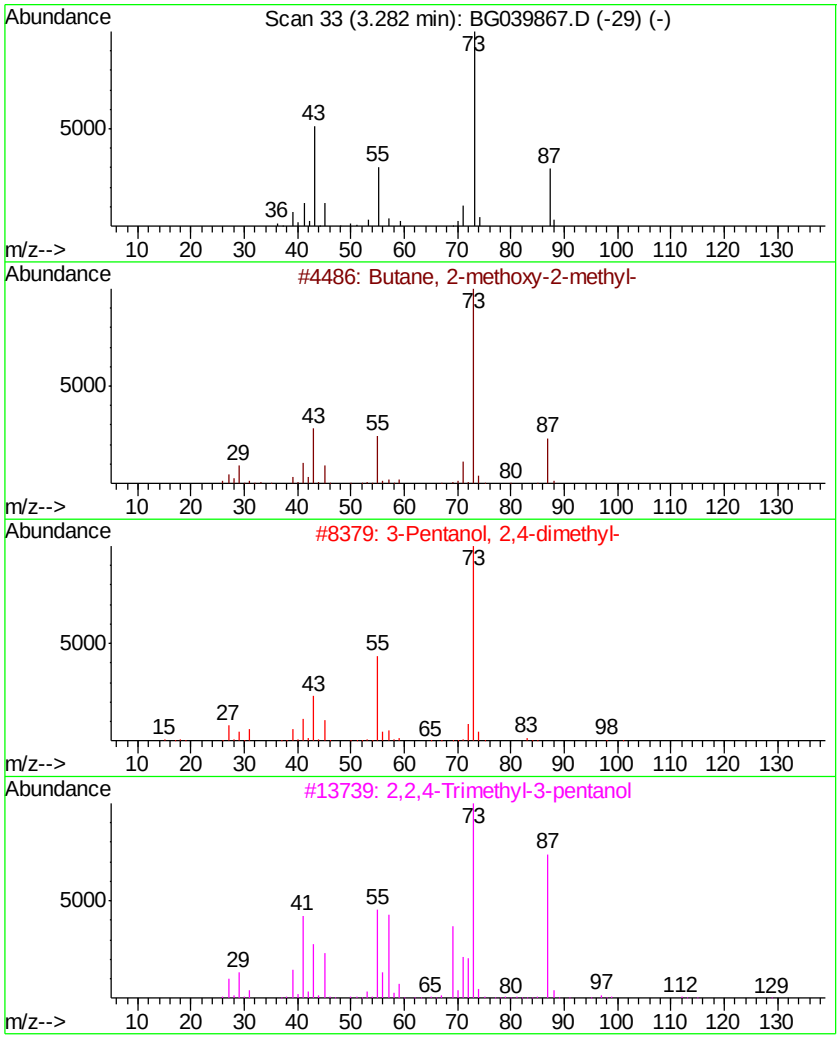
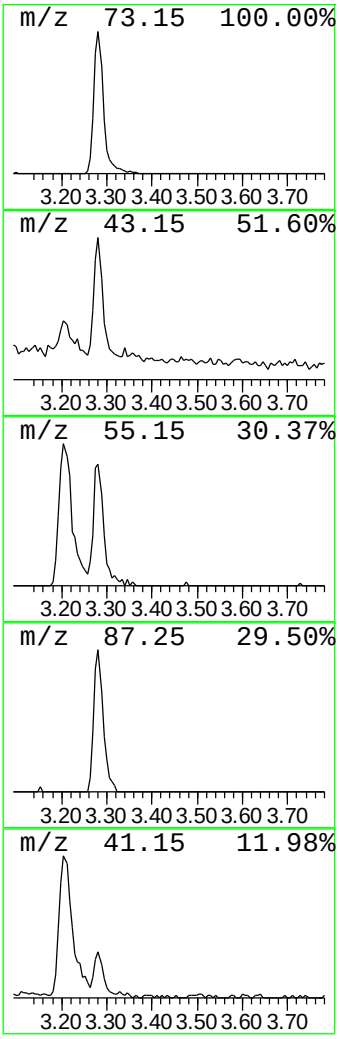
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	6.03 ng	74408	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9





Library Search Compound Report

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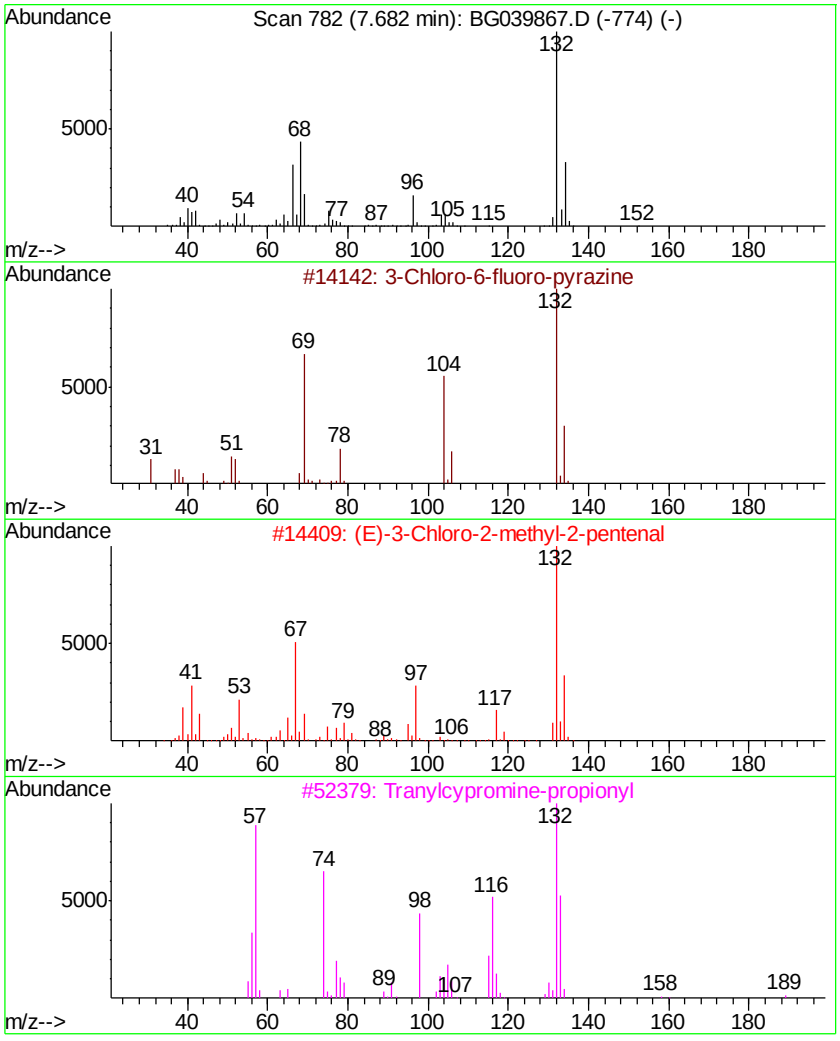
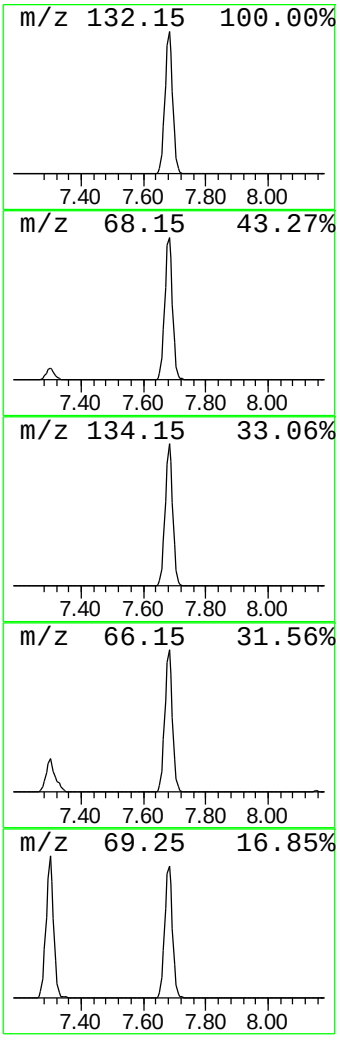
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	120.19 ng	1484110	1,4-Dichlorobenzene-d4	8.15

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_G
ClientSampleId : MR-MH-06-COMP

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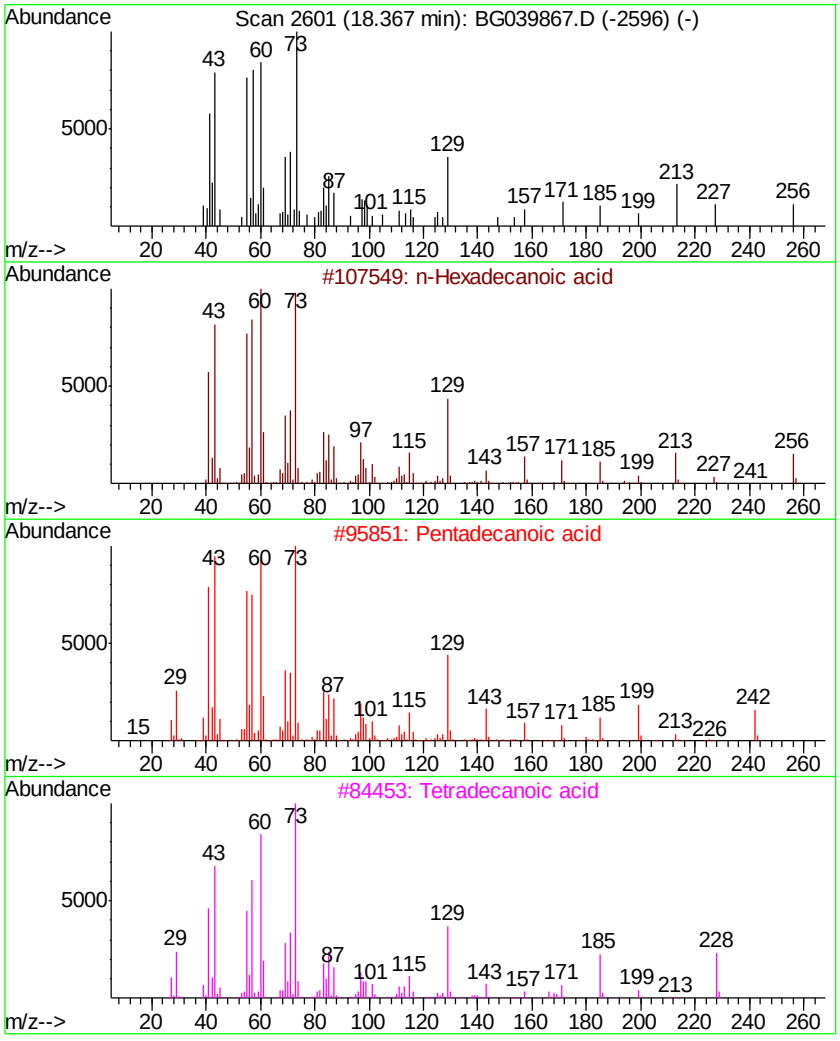
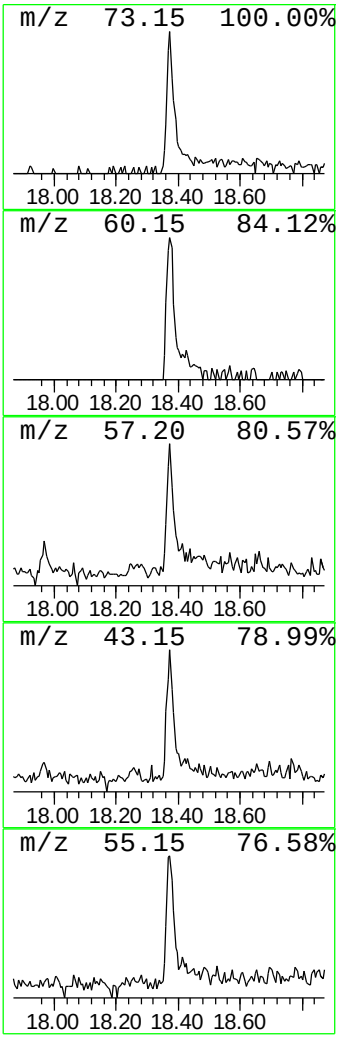
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.02 ng	73863	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





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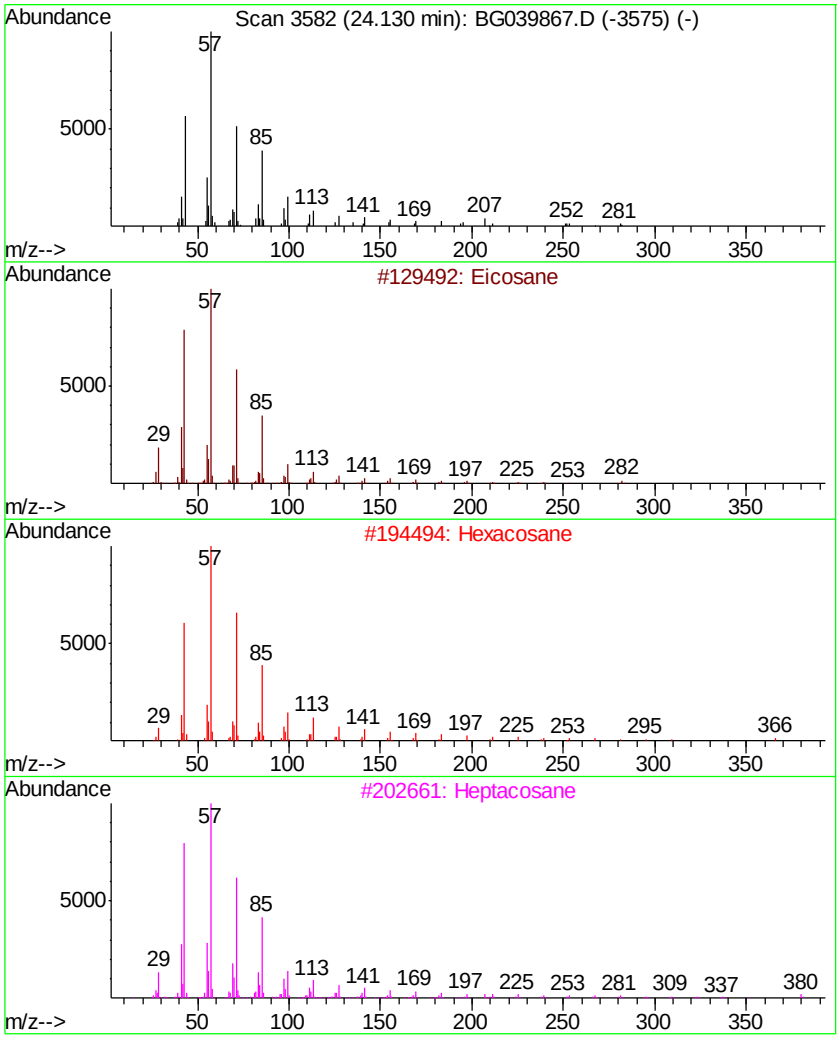
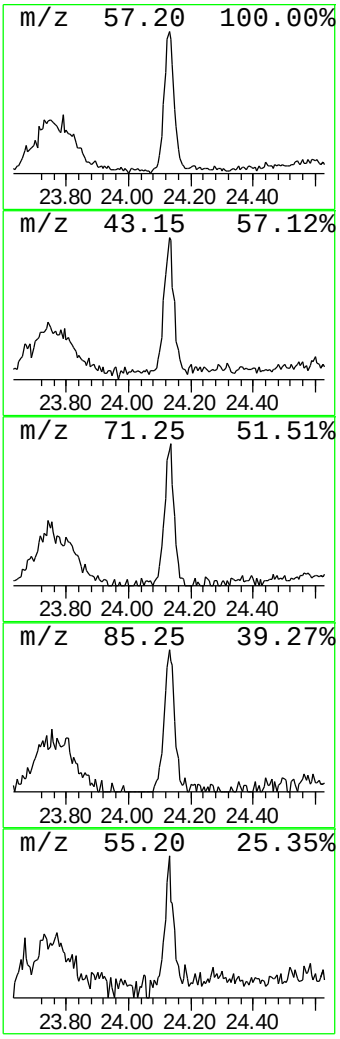
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.29 ng	89736	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Hentriacontane	437	C31H64	000630-04-6	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
Butane, 2-methoxy...	3.28	6.0	ng	74408	1	8.15	246964	20.0
unknown7.68	7.68	120.2	ng	1484110	1	8.15	246964	20.0
n-Hexadecanoic acid	18.37	2.0	ng	73863	4	17.52	729891	20.0
Eicosane	24.13	2.3	ng	89736	6	25.18	784685	20.0