LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031720.D
Acq On : 22 Dec 2017 20:40
Operator : SJ/JU
Sample : I7002-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(75-77)

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:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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	3.442	20	26	38	rBV	49352	101532	2.35%	0.474%
2	5.740	410	417	428	rVB	44362	75333	1.75%	0.351%
3	6.239	494	502	514	rBV	759310	1342266	31.10%	6.261%
4	7.925	780	789	801	rBV	759972	1468576	34.03%	6.850%
5	8.337	850	859	869	rBV	808951	1508312	34.95%	7.036%
6	8.824	935	942	952	rBV	144015	264558	6.13%	1.234%
7	9.165	990	1000	1010	rBV	632212	1215369	28.16%	5.669%
8	10.023	1136	1146	1153	rBV	448799	829411	19.22%	3.869%
9	11.715	1424	1434	1443	rBB	206737	390635	9.05%	1.822%
10	14.089	1828	1838	1851	rBB	1643675	2755467	63.85%	12.853%
11	14.882	1966	1973	1979	rBV	246573	357377	8.28%	1.667%
12	15.458	2064	2071	2079	rVB	391187	631614	14.63%	2.946%
13	16.932	2314	2322	2334	rBV	1532978	2395881	55.51%	11.176%
14	17.103	2347	2351	2360	rBV	25775	46308	1.07%	0.216%
15	18.196	2529	2537	2546	rBV	532611	873491	20.24%	4.074%
16	19.012	2671	2676	2688	rBV	116047	182077	4.22%	0.849%
17	20.246	2882	2886	2895	rBV2	46963	73794	1.71%	0.344%
18	20.728	2961	2968	2977	rVB	3204186	4315867	100.00%	20.131%
19	22.097	3196	3201	3212	rBV	208208	343553	7.96%	1.603%
20	22.549	3270	3278	3287	rBV2	578468	1062796	24.63%	4.957%
21	26.333	3909	3922	3936	rBV2	328983	1105588	25.62%	5.157%
22	27.949	4188	4197	4208	rBV2	26628	98584	2.28%	0.460%

Sum of corrected areas: 21438389

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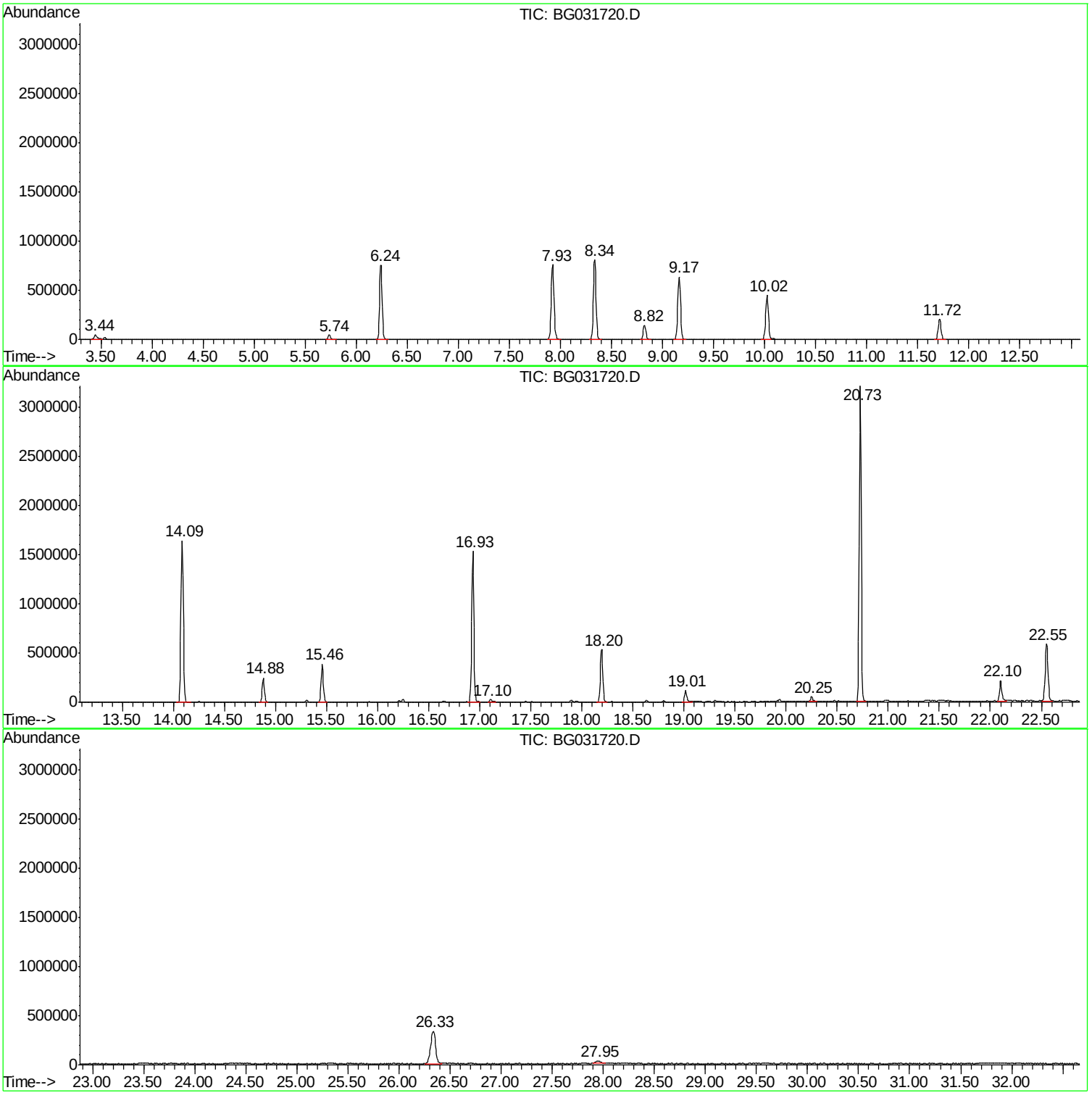
BNA_G
ClientSampleId :
EPE-106-3DS(75-77)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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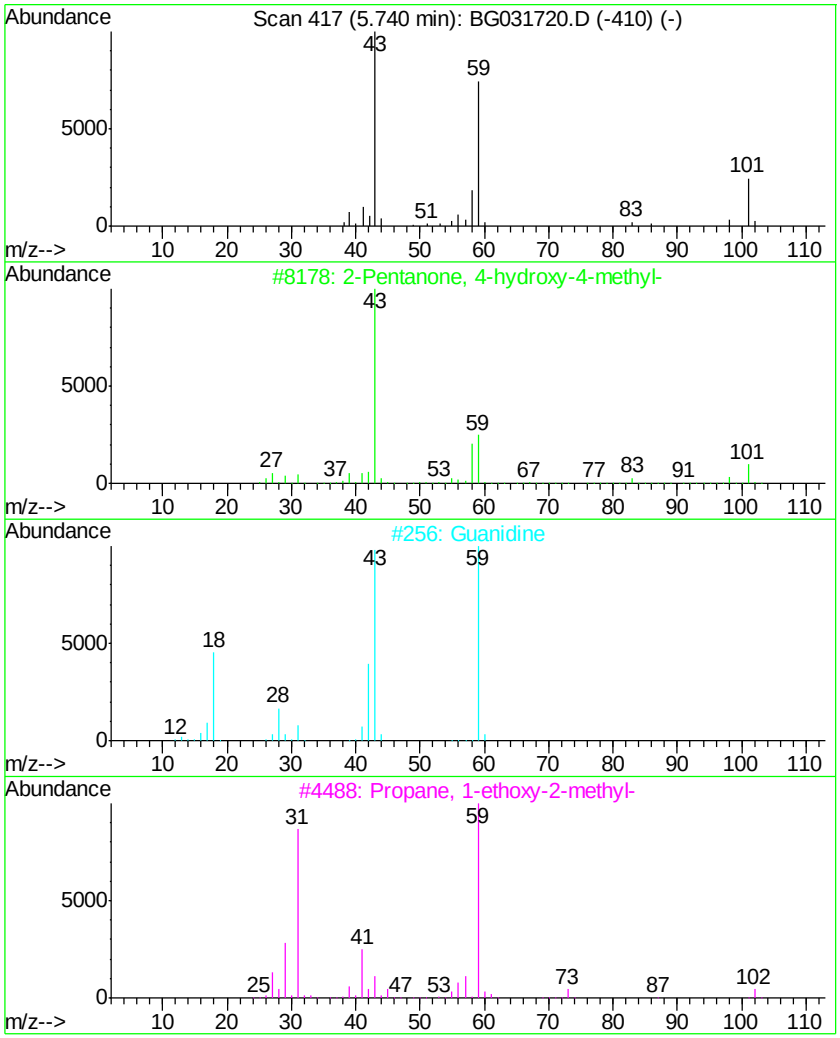
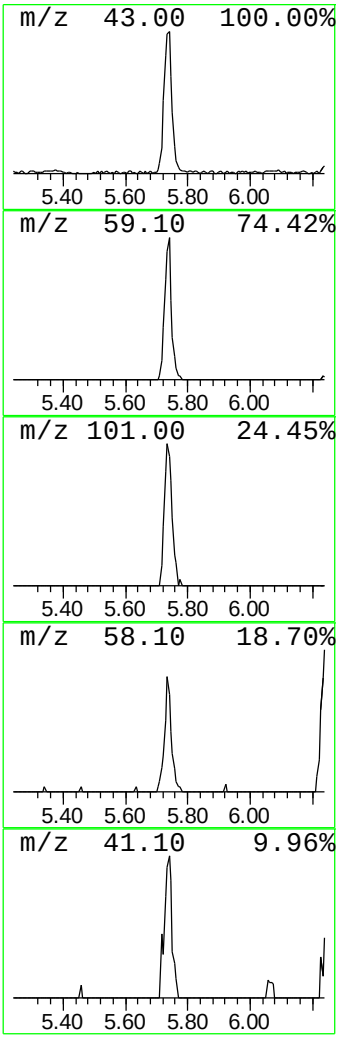
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	5.70 ng	75333	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	50
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	47
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	37
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33





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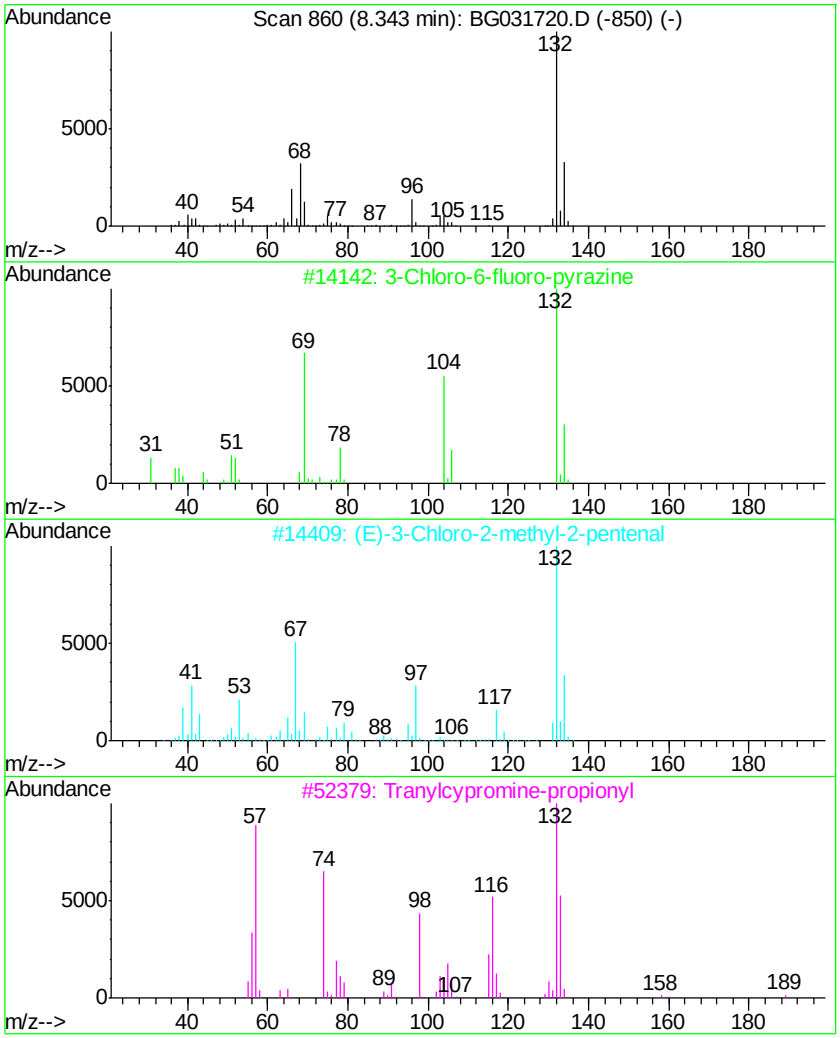
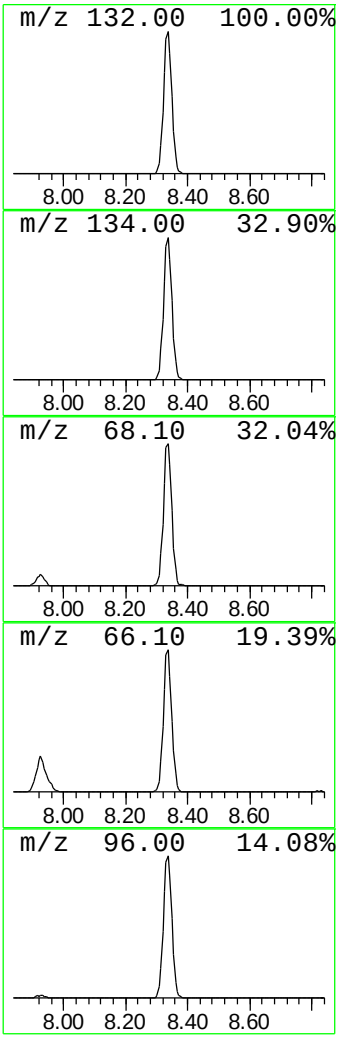
Peak Number 3 unknown8.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	114.03 ng	1508310	1,4-Dichlorobenzene-d4	8.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(75-77)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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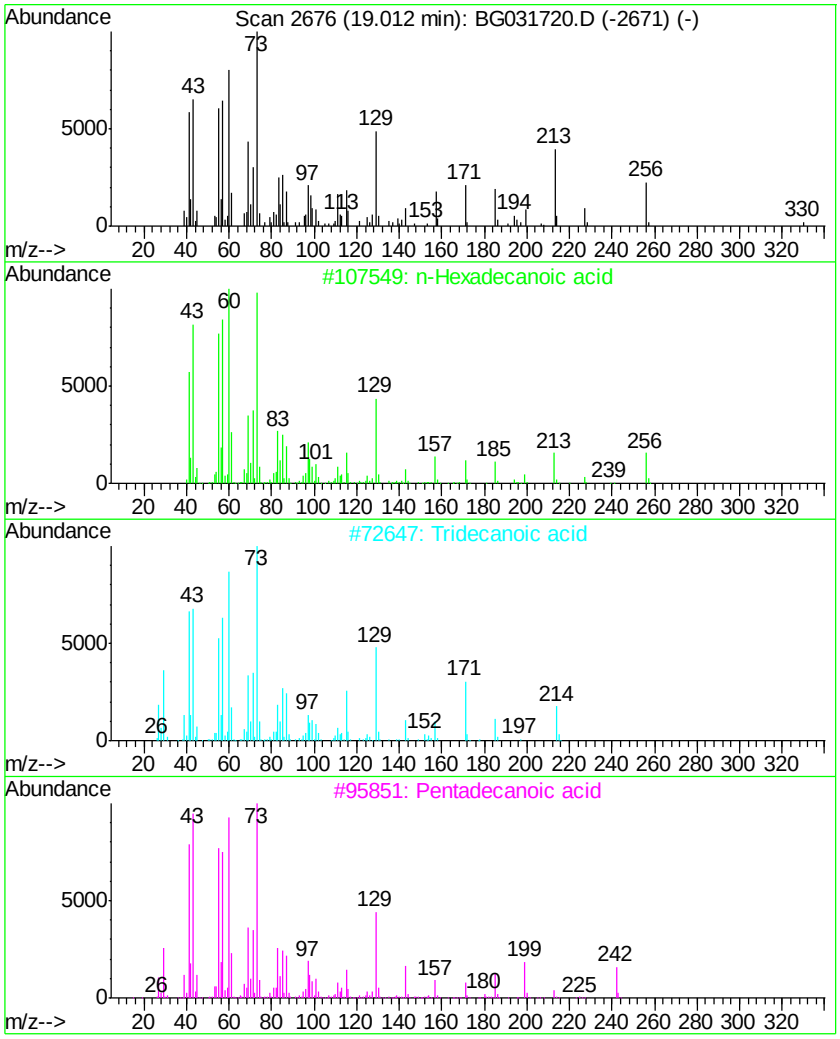
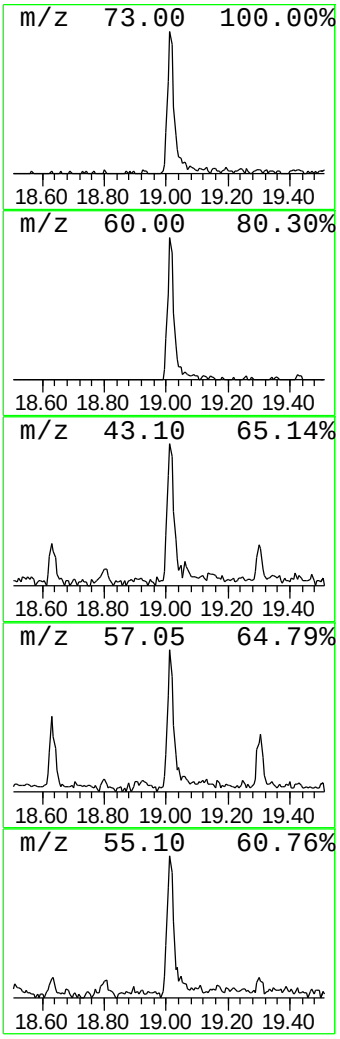
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	4.17 ng	182077	Phenanthrene-d10	18.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(75-77)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
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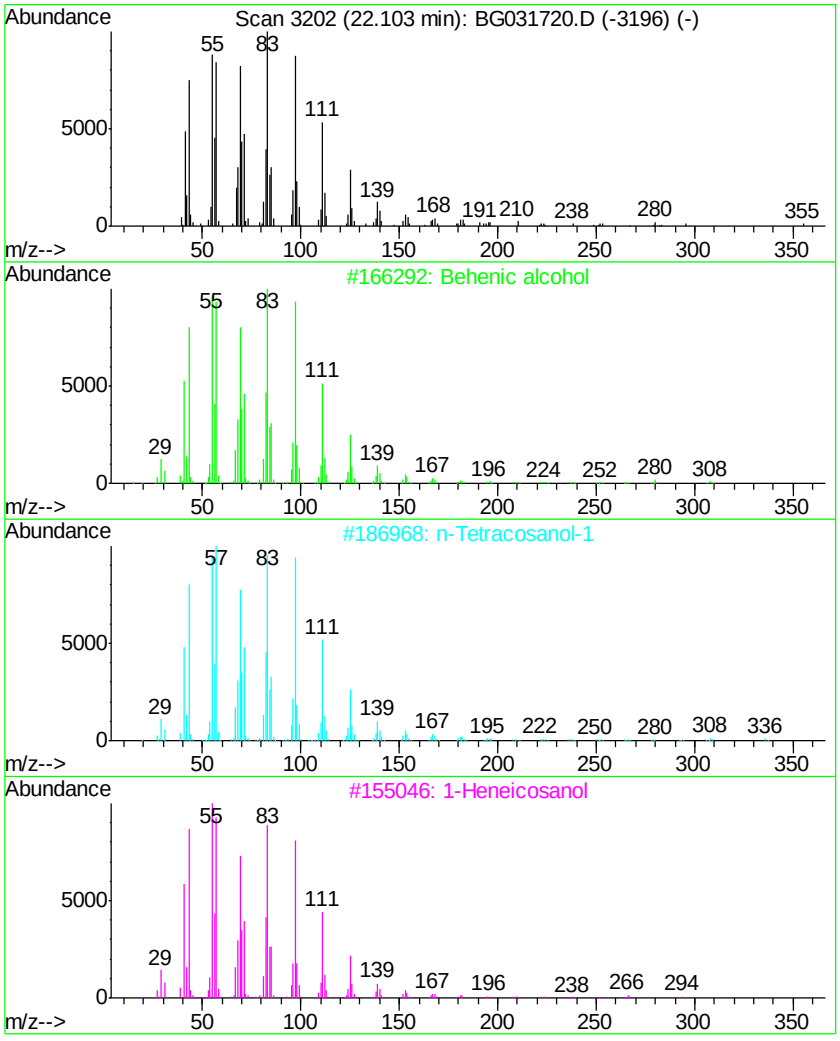
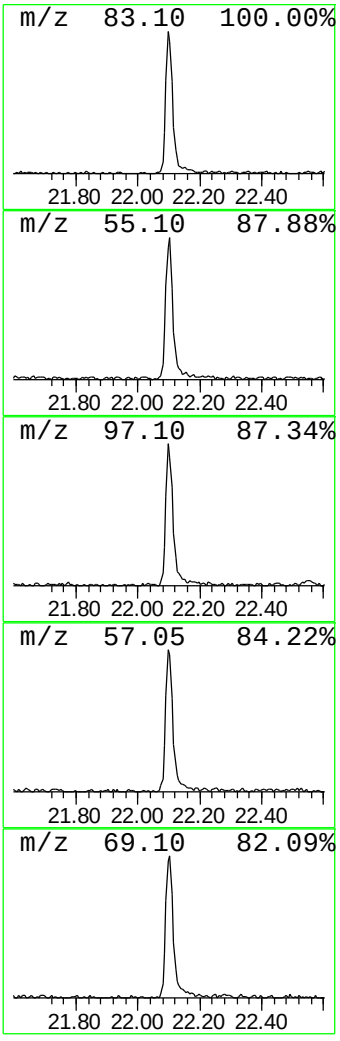
Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	6.47 ng	343553	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.74	5.7	ng	75333	1	8.82	264558	20.0
unknown8.34	8.34	114.0	ng	1508310	1	8.82	264558	20.0
n-Hexadecanoic acid	19.01	4.2	ng	182077	4	18.19	873491	20.0
Behenic alcohol	22.10	6.5	ng	343553	5	22.55	1062800	20.0