LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG032517\
Data File : BG026425.D
Acq On : 24 Mar 2017 21:48
Operator : SJ/MA
Sample : I2378-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELDDUPLICATE

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-BG032017.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	5.141	344	349	358	rBV	218175	331746	3.66%	0.665%
2	5.617	423	430	451	rBV	2355673	3743110	41.35%	7.508%
3	7.210	693	701	715	rBV	2147320	3728733	41.19%	7.479%
4	7.580	756	764	775	rBV	2368338	4051618	44.76%	8.127%
5	8.044	836	843	854	rBV	436240	737175	8.14%	1.479%
6	8.367	890	898	906	rBV	1791223	3068702	33.90%	6.155%
7	9.201	1032	1040	1051	rBV	1273773	2263376	25.00%	4.540%
8	10.841	1311	1319	1331	rBV	587062	1087395	12.01%	2.181%
9	13.279	1726	1734	1744	rBV	3727511	5675744	62.70%	11.384%
10	14.096	1867	1873	1885	rBV	244201	381669	4.22%	0.766%
11	14.648	1960	1967	1979	rVB2	972609	1552975	17.16%	3.115%
12	16.129	2211	2219	2237	rBV	3268976	4969476	54.90%	9.968%
13	17.380	2425	2432	2439	rBV2	1331338	2078383	22.96%	4.169%
14	18.256	2576	2581	2592	rBV	300241	468205	5.17%	0.939%
15	19.519	2792	2796	2804	rBV2	91776	138064	1.53%	0.277%
16	19.977	2868	2874	2884	rBV	6629116	9051948	100.00%	18.156%
17	21.270	3088	3094	3107	rBV	252260	548072	6.05%	1.099%
18	21.622	3148	3154	3165	rBV	1659911	2753155	30.42%	5.522%
19	22.404	3283	3287	3291	rBV2	67146	103077	1.14%	0.207%
20	22.774	3346	3350	3361	rVB4	53231	97492	1.08%	0.196%
21	23.872	3532	3537	3545	rVB3	83532	170874	1.89%	0.343%
22	24.801	3685	3695	3710	rBV	960191	2716529	30.01%	5.449%
23	25.911	3880	3884	3896	rVB4	55273	138717	1.53%	0.278%

Sum of corrected areas: 49856235

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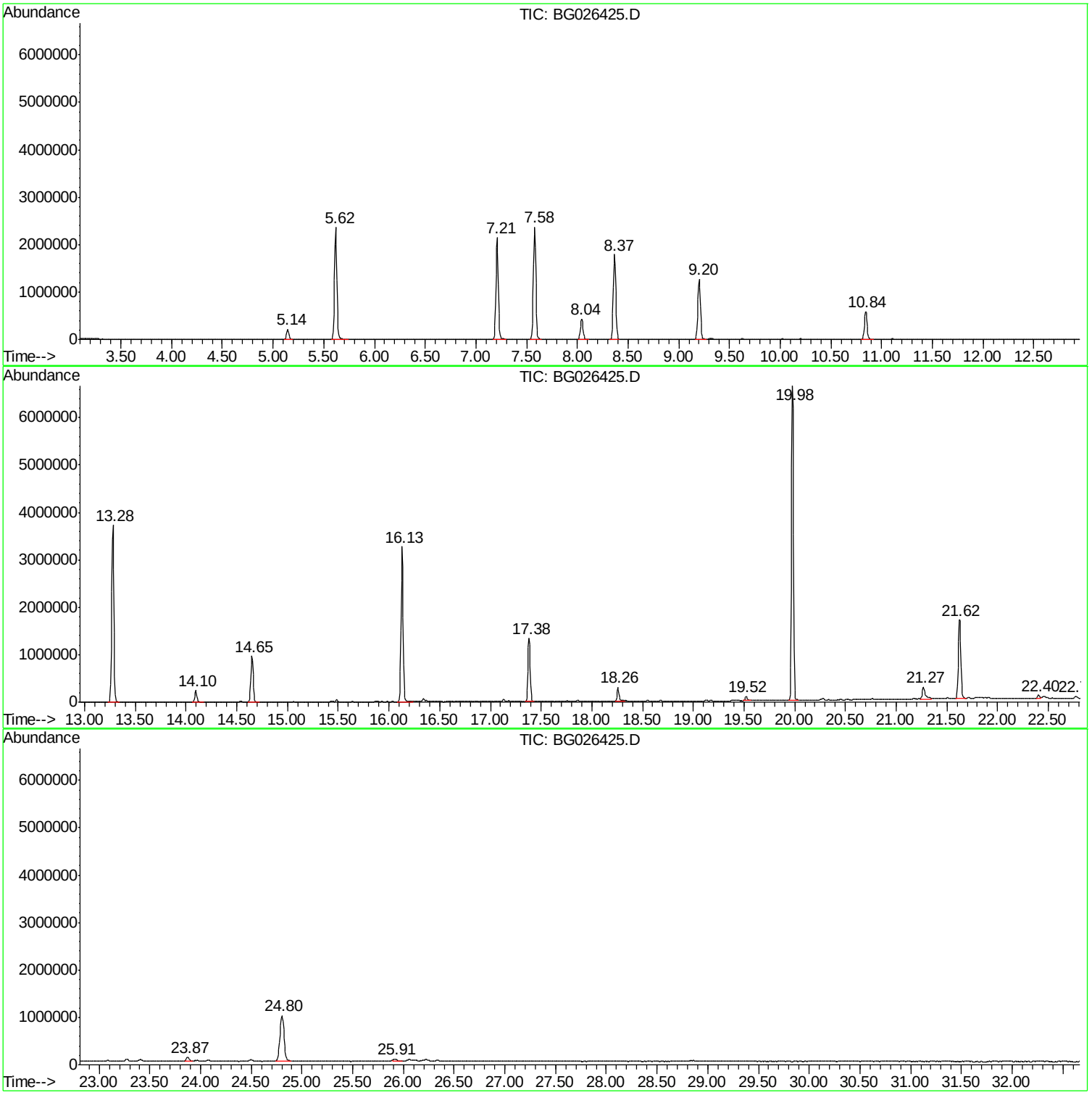
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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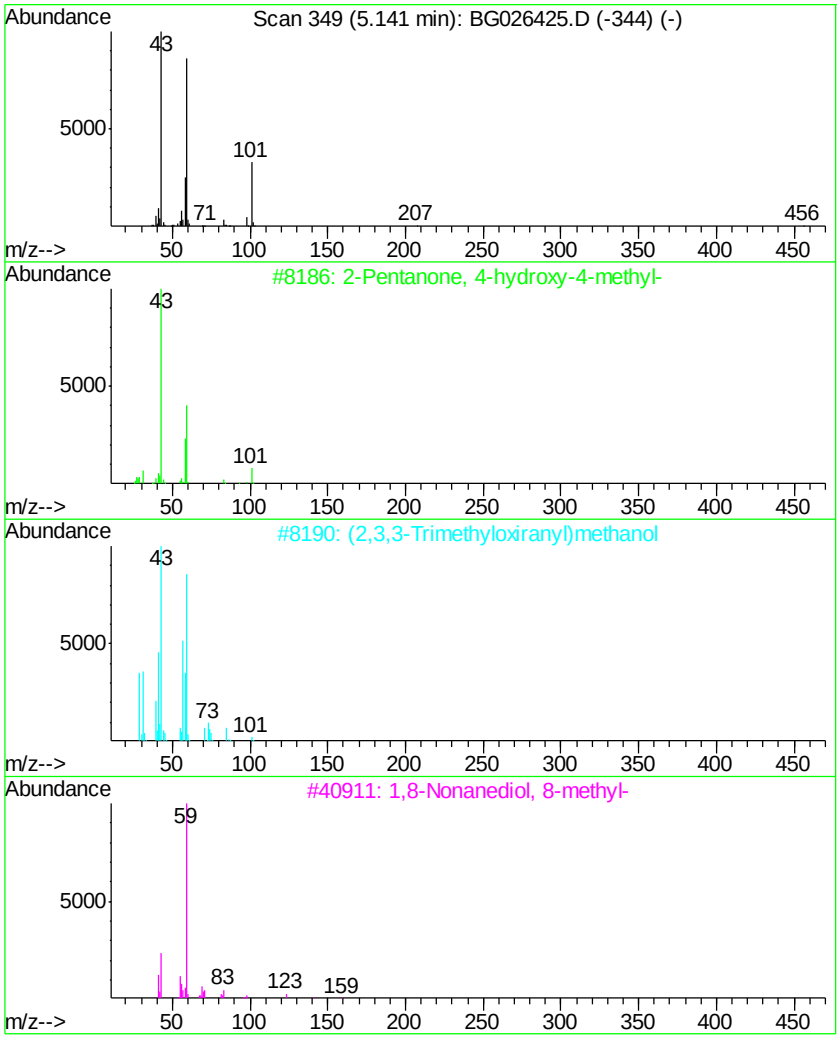
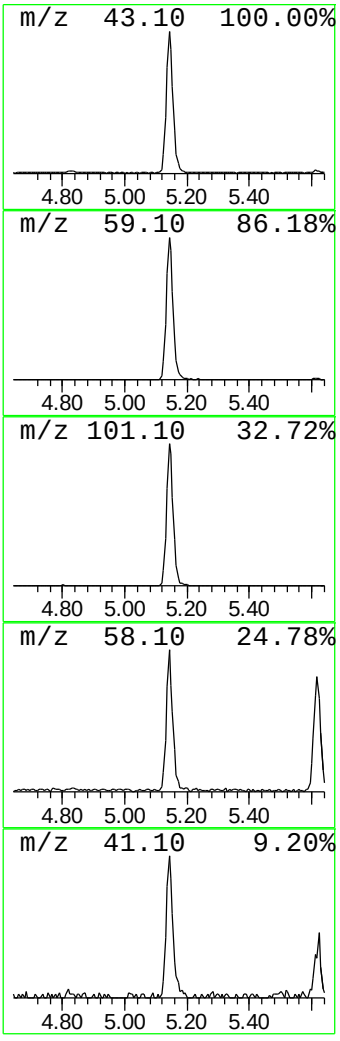
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	9.00 ng	331746	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(2,3,3-Trimethyloxiranyl)methanol	116	C6H12O2	1000306-64-7	39
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27
5	1,2-Butanediol	90	C4H10O2	000584-03-2	25





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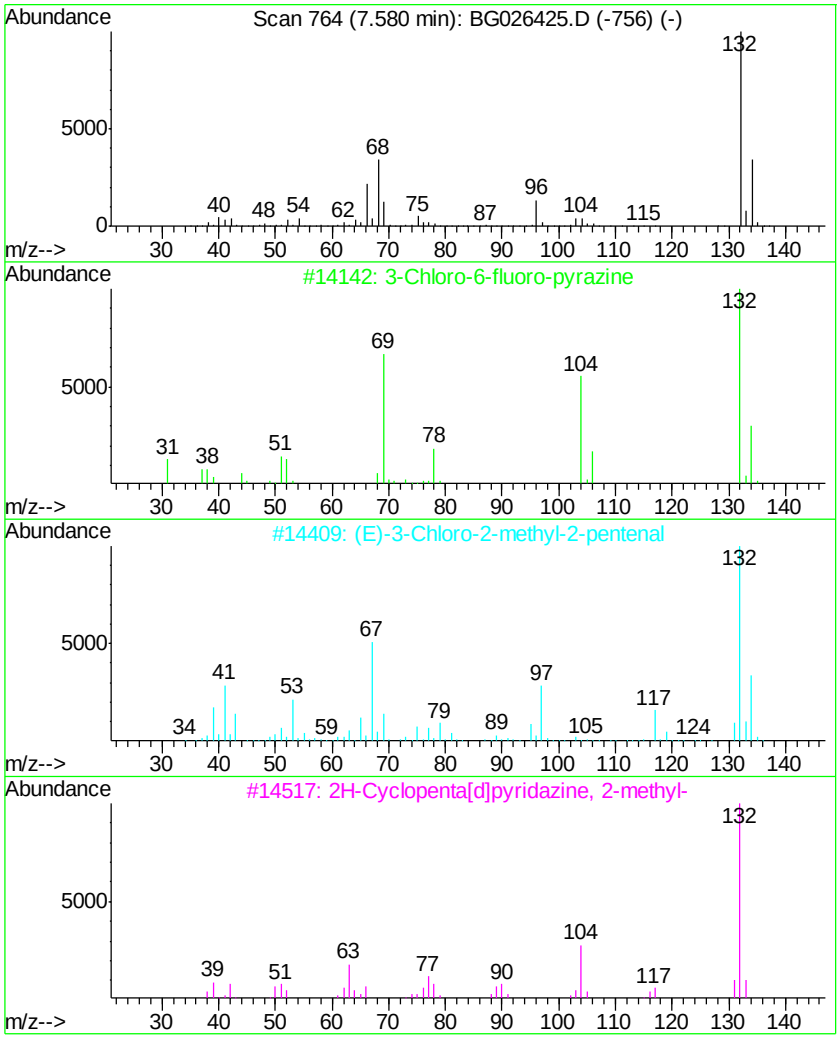
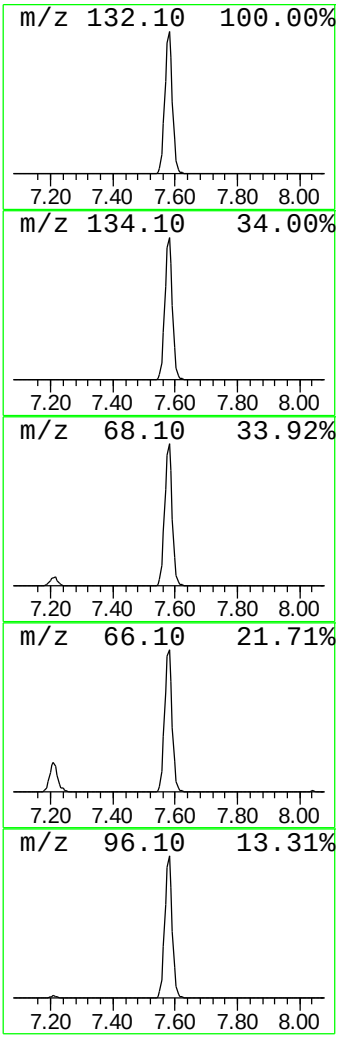
Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	109.92 ng	4051620	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Misc :
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Instrument : BNA_G
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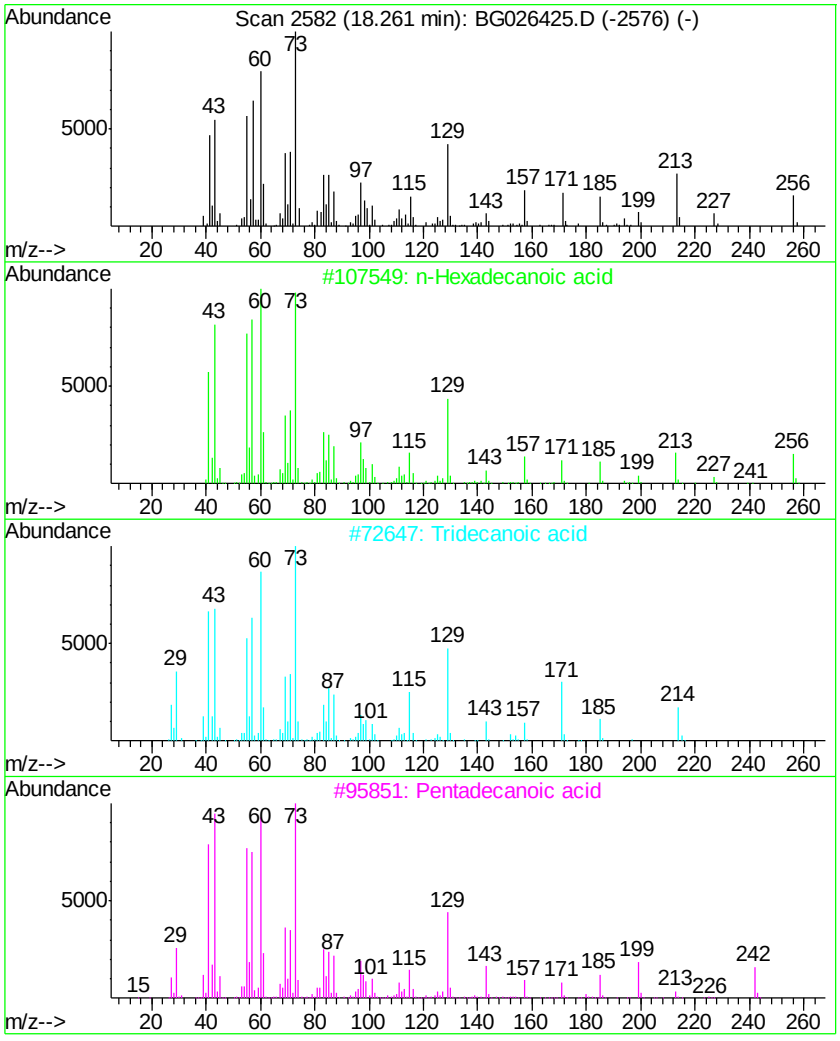
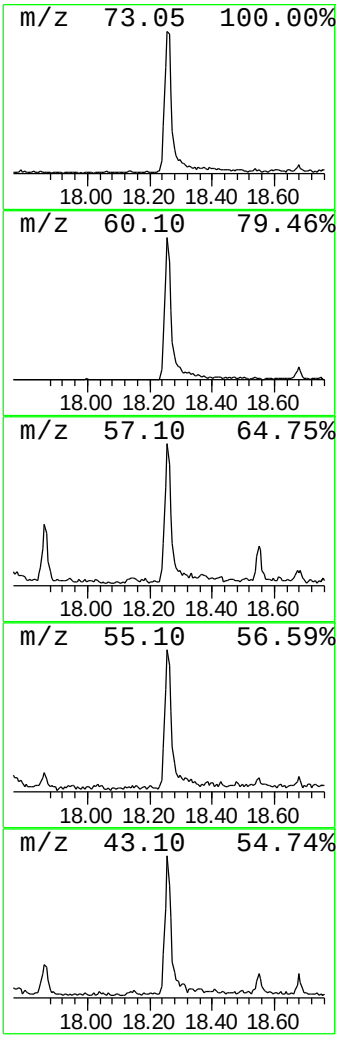
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.51 ng	468205	Phenanthrene-d10	17.38

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FIELDDUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
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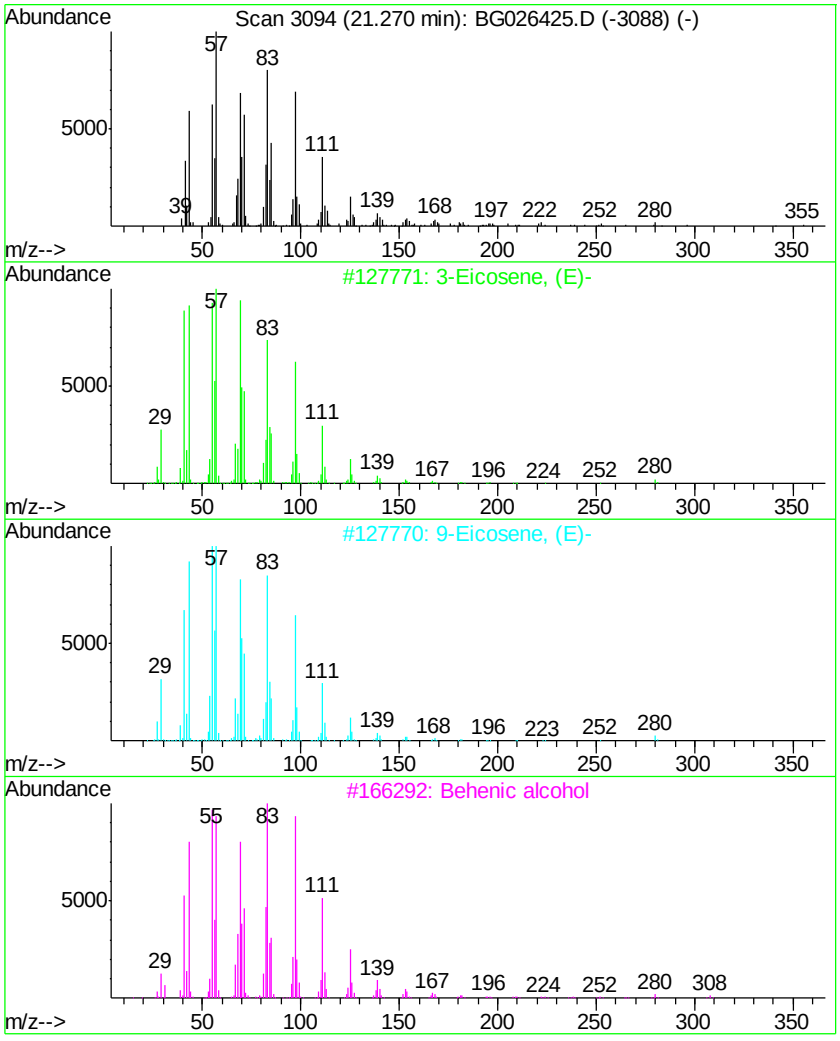
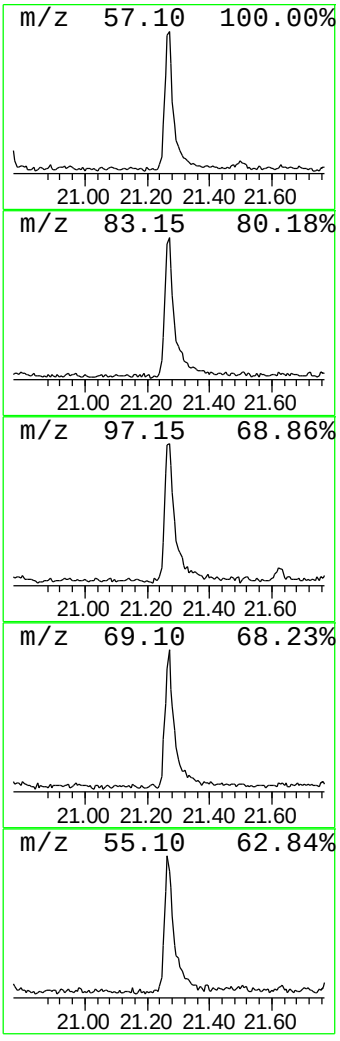
Peak Number 5 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	3.98 ng	548072	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

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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...	5.14	9.0	ng	331746	1	8.04	737175	20.0
unknown7.58	7.58	109.9	ng	4051620	1	8.04	737175	20.0
n-Hexadecanoic acid	18.26	4.5	ng	468205	4	17.38	2078380	20.0
3-Eicosene, (E)-	21.27	4.0	ng	548072	5	21.62	2753160	20.0