LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
Data File : BF090141.D
Acq On : 20 Sep 2016 18:35
Operator : UM/SJ
Sample : H4854-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A1

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_F\METHODS\8270-BF092016.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	1.678	6	8	53	rVB	3278977	11037013	100.00%	24.675%
2	4.616	263	265	278	rBV	371847	643640	5.83%	1.439%
3	5.084	303	306	309	rBV	2722501	3108572	28.16%	6.950%
4	6.170	398	401	404	rBV	2687142	3024578	27.40%	6.762%
5	6.284	408	411	413	rBV	3235764	3341947	30.28%	7.471%
6	6.513	429	431	434	rBV	894875	906486	8.21%	2.027%
7	6.673	442	445	447	rBV	2794807	2636077	23.88%	5.893%
8	7.085	478	481	484	rBV	1658604	2016685	18.27%	4.509%
9	7.805	541	544	546	rBV	1359290	1255171	11.37%	2.806%
10	8.890	636	639	641	rBV	3637355	4115757	37.29%	9.201%
11	9.290	671	674	676	rBV	1331626	1305863	11.83%	2.919%
12	9.553	694	697	699	rBV	1165689	1458546	13.22%	3.261%
13	9.976	731	734	738	rBV2	73244	121986	1.11%	0.273%
14	10.331	762	765	768	rBV	1868475	1963719	17.79%	4.390%
15	11.016	822	825	828	rBV	1522569	1401378	12.70%	3.133%
16	11.576	871	874	878	rBV2	108320	194148	1.76%	0.434%
17	12.354	939	942	949	rBV	169064	397613	3.60%	0.889%
18	12.605	961	964	966	rBV	3231039	3493756	31.65%	7.811%
19	13.519	1041	1044	1051	rBV	168383	224166	2.03%	0.501%
20	13.622	1051	1053	1066	rVV	910033	1307357	11.85%	2.923%
21	14.948	1167	1169	1172	rBV	563870	775322	7.02%	1.733%

Sum of corrected areas: 44729780

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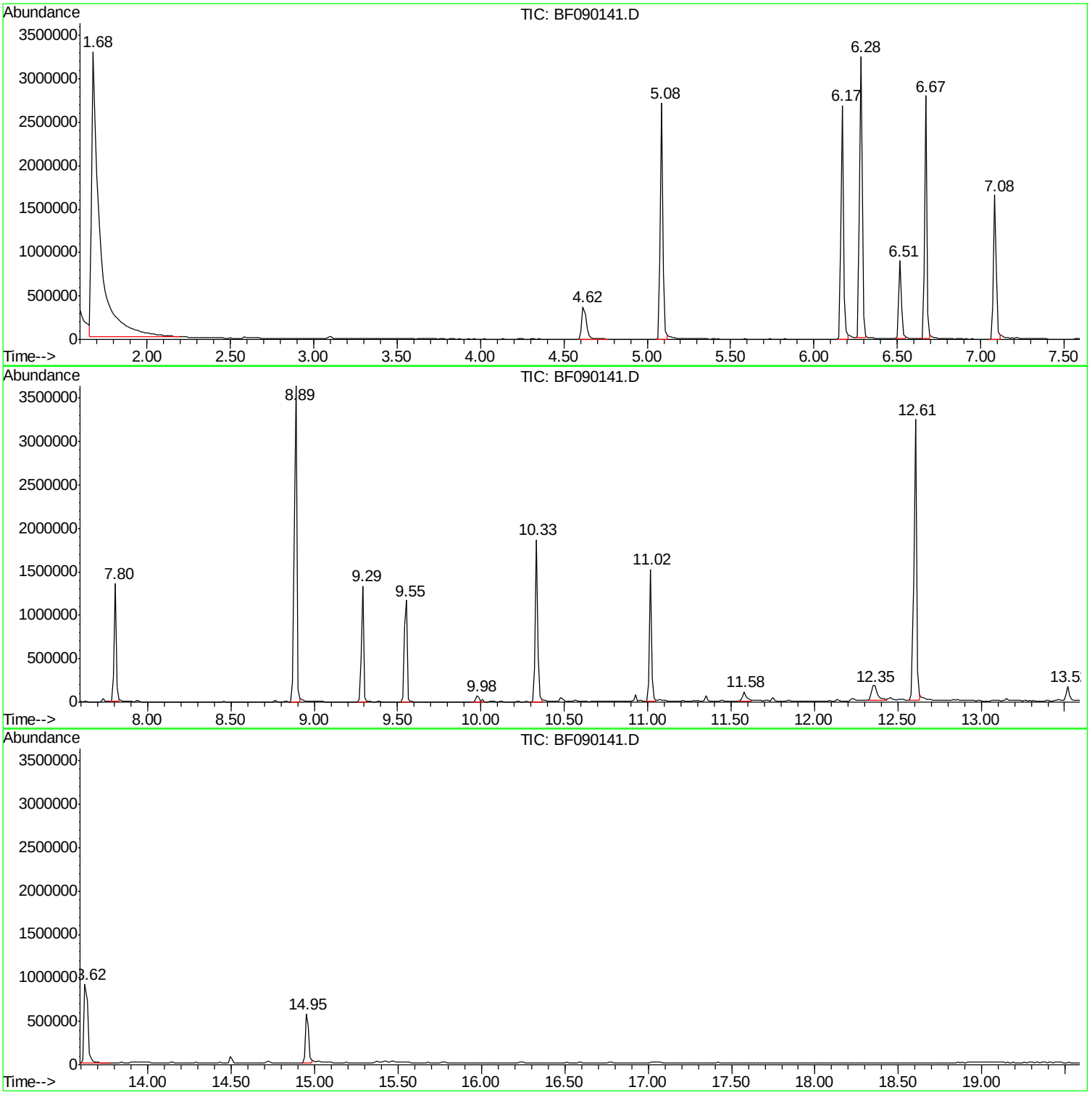
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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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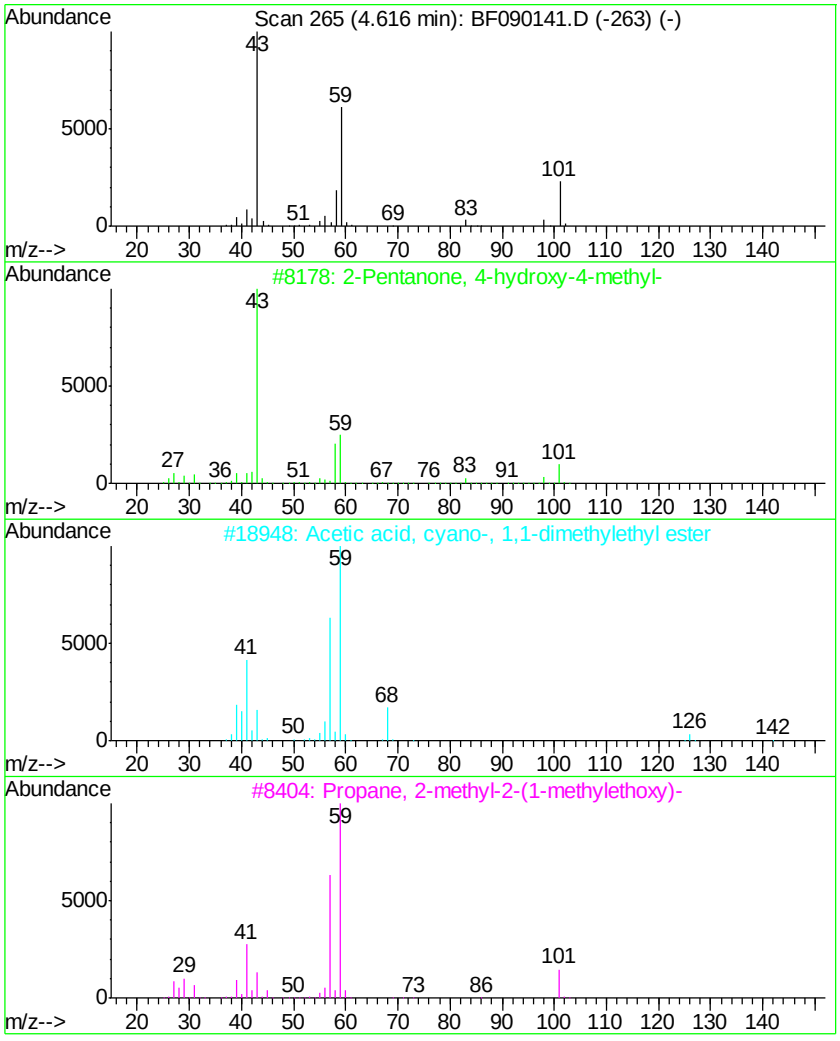
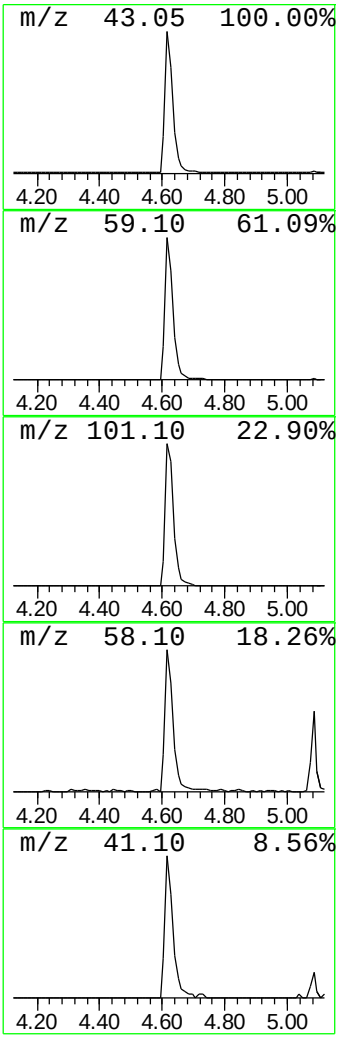
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	14.20 ng	643640	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H4854-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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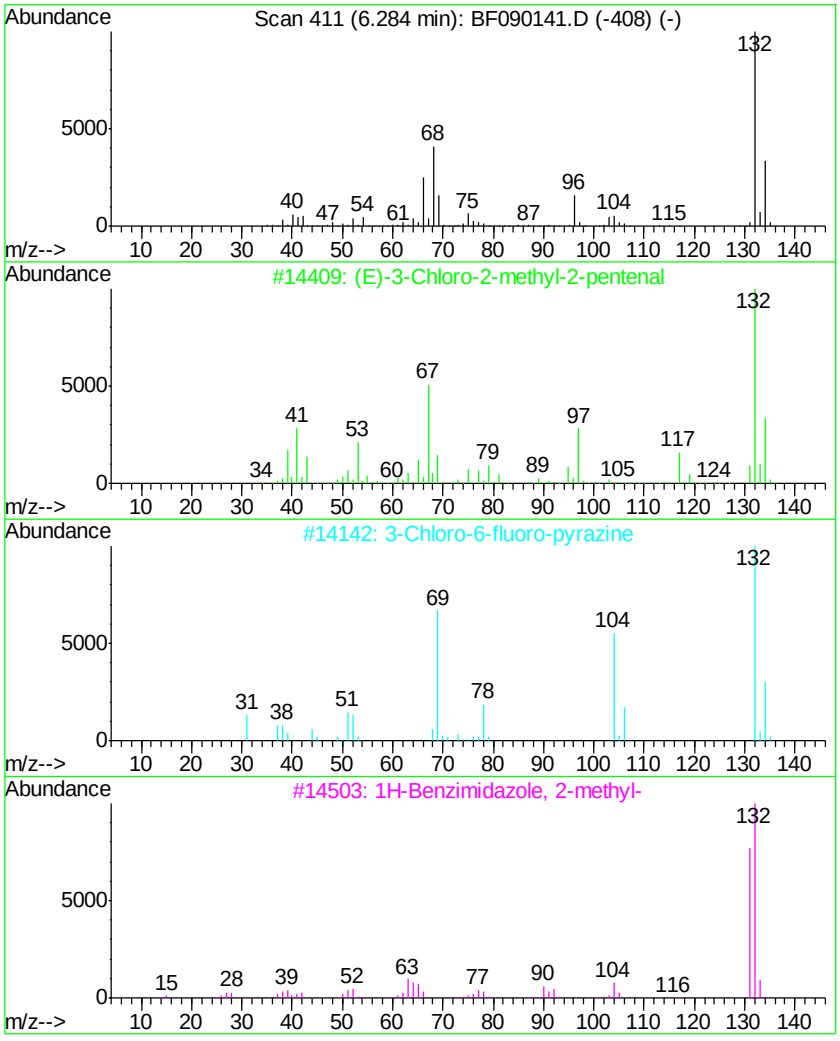
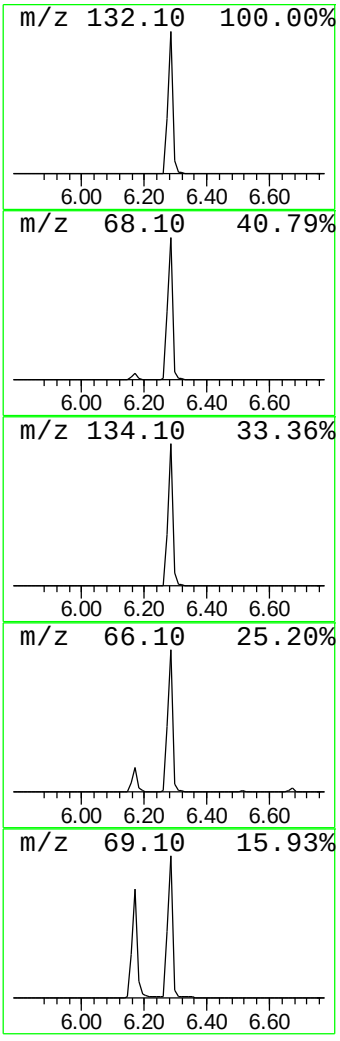
Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	73.73 ng	3341950	1,4-Dichlorobenzene-d4	6.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : H4854-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-BPM-01-A1

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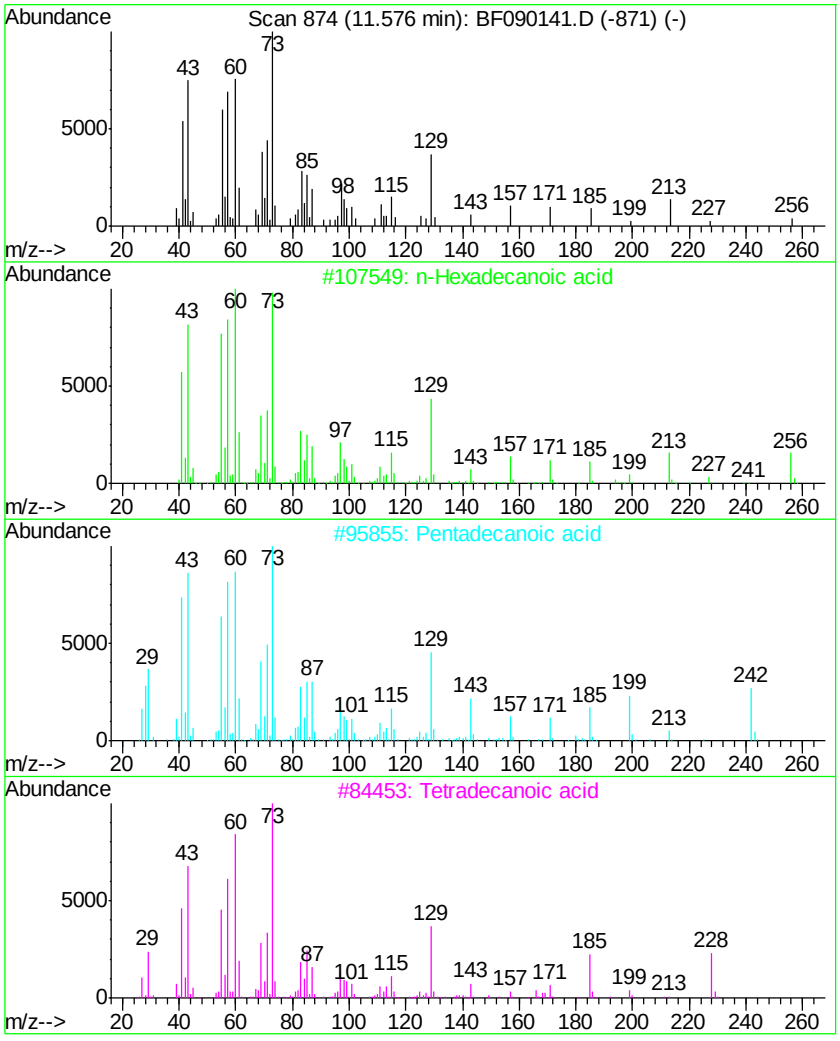
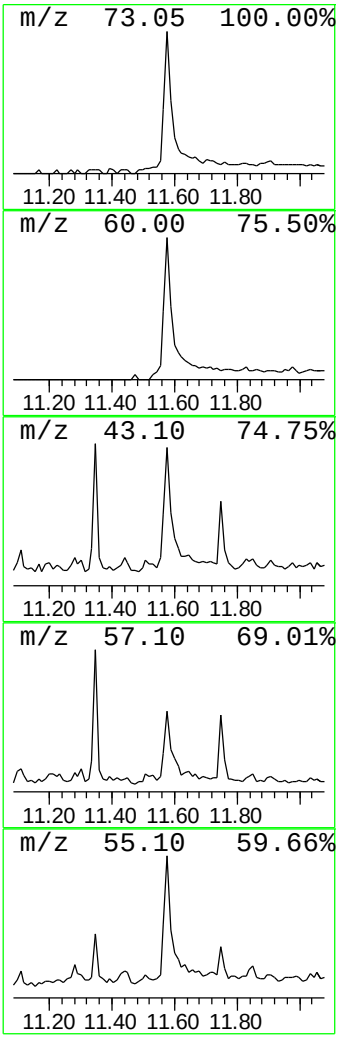
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	2.77 ng	194148	Phenanthrene-d10	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25
5	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	25





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-A1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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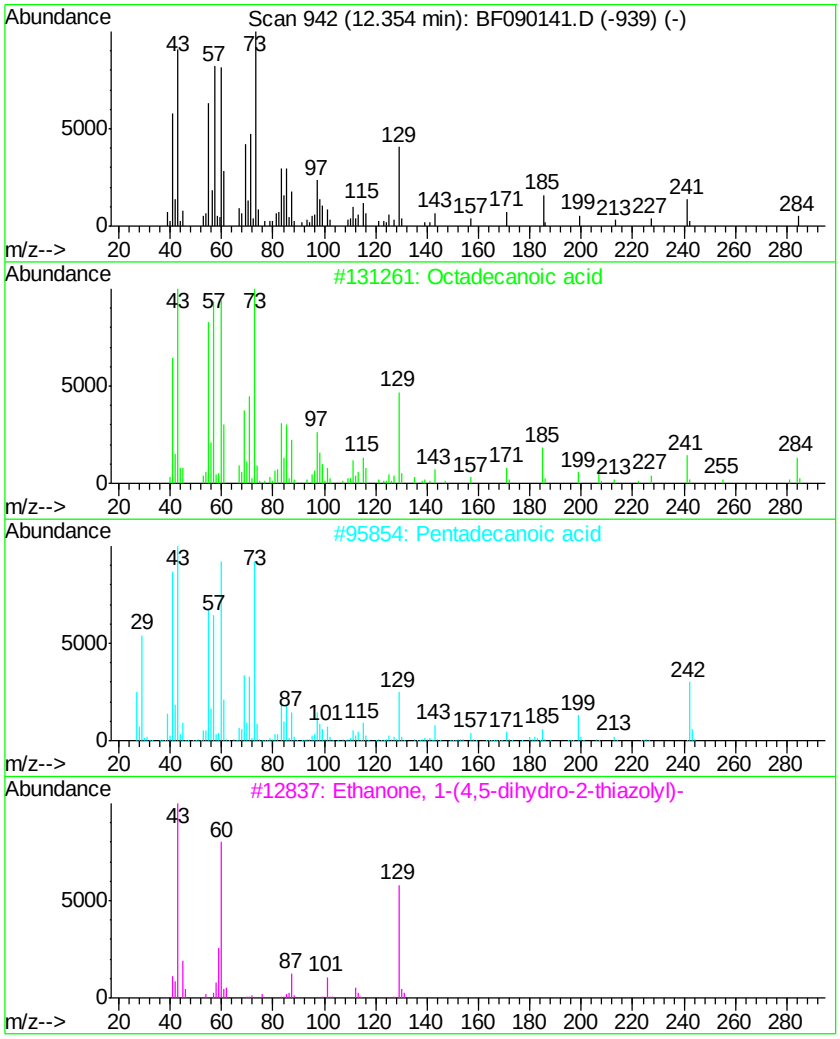
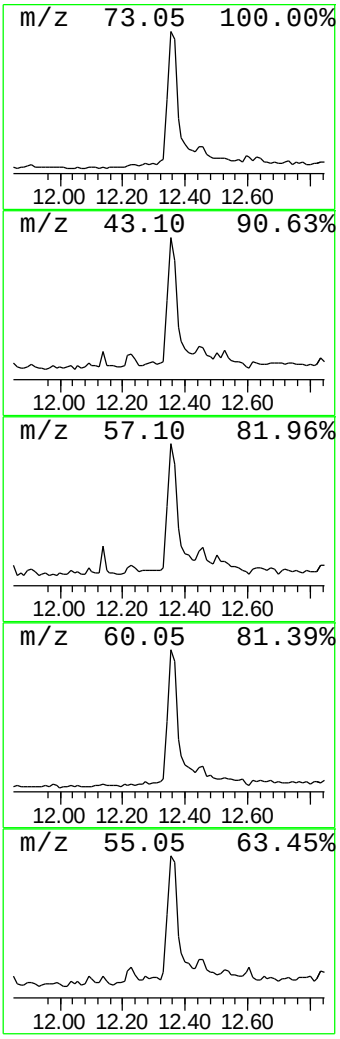
Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.08 ng	397613	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	18





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Instrument : BNA_F
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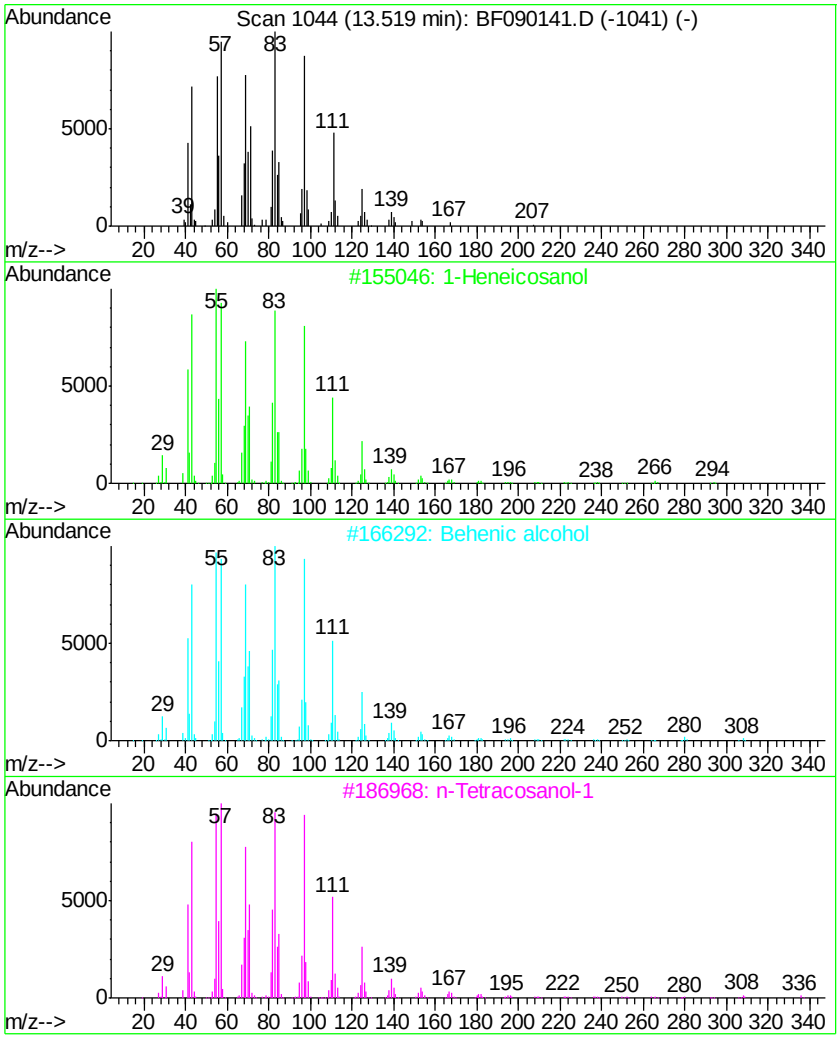
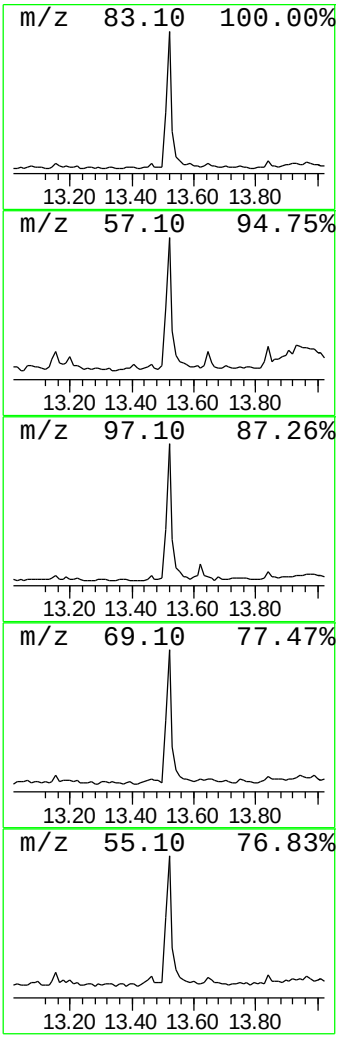
Peak Number 7 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.43 ng	224166	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

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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...	4.62	14.2	ng	643640	1	6.51	906486	20.0
unknown6.28	6.28	73.7	ng	3341950	1	6.51	906486	20.0
n-Hexadecanoic acid	11.58	2.8	ng	194148	4	11.02	1401380	20.0
Octadecanoic acid	12.35	6.1	ng	397613	5	13.62	1307360	20.0
1-Heneicosanol	13.52	3.4	ng	224166	5	13.62	1307360	20.0