LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090471.D
Acq On : 8 Oct 2016 6:54
Operator : UM/SJ
Sample : H5136-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 100516-03

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-BF100516.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	5.194	247	250	257	rVB	1243328	1689098	21.72%	2.628%
2	5.606	283	286	288	rBV	5677311	5842848	75.14%	9.090%
3	6.623	372	375	377	rBV	5643505	6368561	81.90%	9.908%
4	6.760	384	387	389	rBV	6470586	6716530	86.37%	10.450%
5	6.989	404	407	409	rVB	1403745	1375398	17.69%	2.140%
6	7.149	418	421	423	rVB	4113085	5107513	65.68%	7.946%
7	7.549	453	456	458	rBV	3922974	4024478	51.75%	6.261%
8	7.640	461	464	466	rVV	115397	150441	1.93%	0.234%
9	8.269	517	519	522	rBV	1701533	1850882	23.80%	2.880%
10	9.355	611	614	616	rBV	7599154	7261750	93.38%	11.298%
11	9.743	646	648	650	rBV	1819951	2148346	27.63%	3.342%
12	10.040	671	674	676	rVB	1829657	2231499	28.70%	3.472%
13	10.463	710	711	713	rVB	128177	109397	1.41%	0.170%
14	10.692	727	731	734	rBV	45435	91549	1.18%	0.142%
15	10.829	740	743	745	rBV	4897020	4726702	60.78%	7.354%
16	10.943	750	753	760	rVB	163337	240043	3.09%	0.373%
17	11.389	790	792	794	rBV2	123280	117796	1.51%	0.183%
18	11.526	801	804	806	rBV	2807399	2366972	30.44%	3.683%
19	12.052	847	850	852	rBV	624559	579565	7.45%	0.902%
20	12.841	916	919	926	rBV	205631	254328	3.27%	0.396%
21	13.115	940	943	946	rBV	5360716	7776438	100.00%	12.099%
22	14.006	1019	1021	1031	rBV	382832	581634	7.48%	0.905%
23	14.166	1033	1035	1038	rVV	1144462	1521659	19.57%	2.367%
24	15.664	1163	1166	1169	rBV	754836	1142513	14.69%	1.778%

Sum of corrected areas: 64275940

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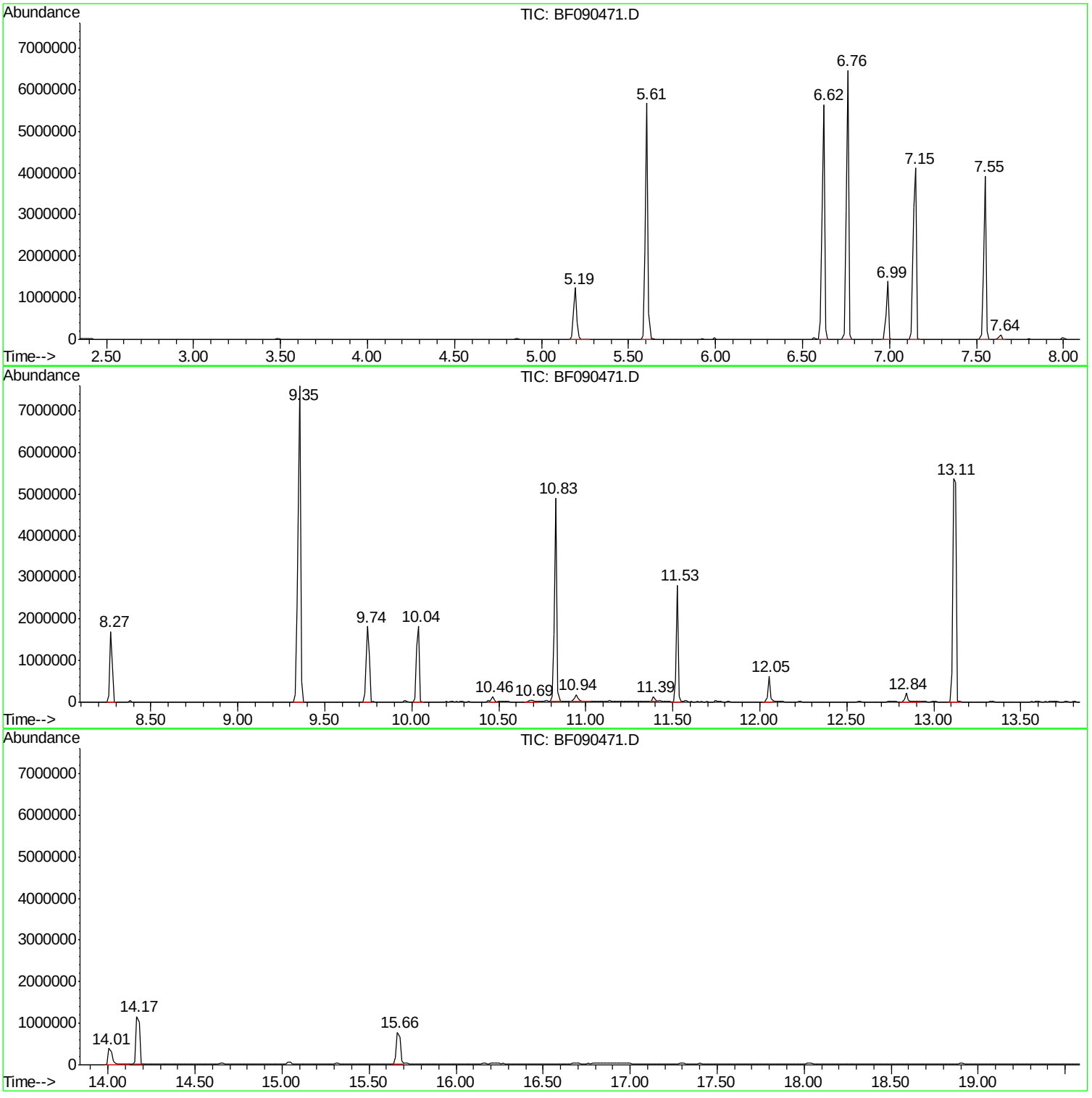
BNA_F
ClientSampleId :
100516-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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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Operator : UM/SJ
Sample : H5136-03
Misc :
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Instrument : BNA_F
ClientSampleId : 100516-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.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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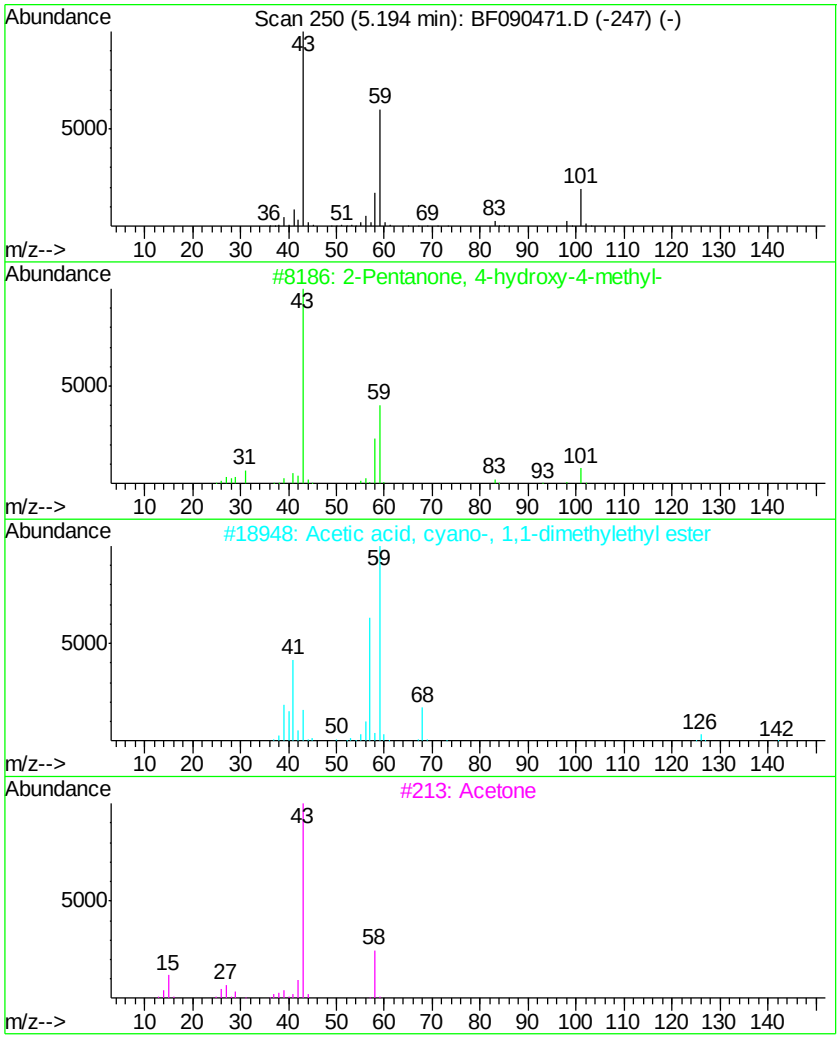
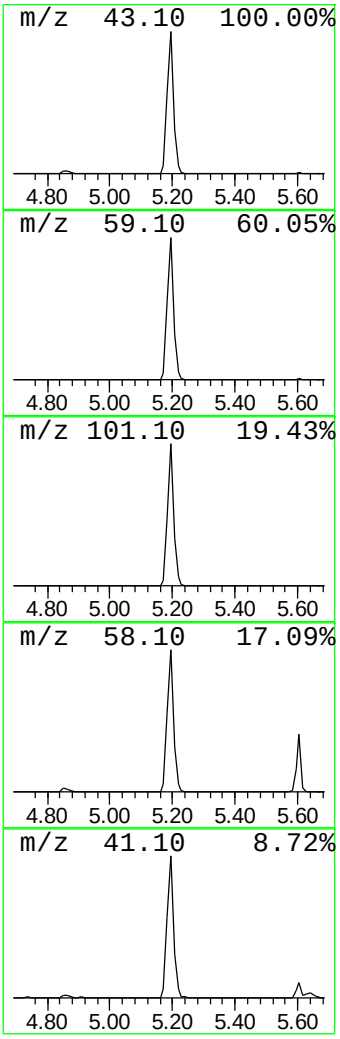
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	24.56 ng	1689100	1,4-Dichlorobenzene-d4	6.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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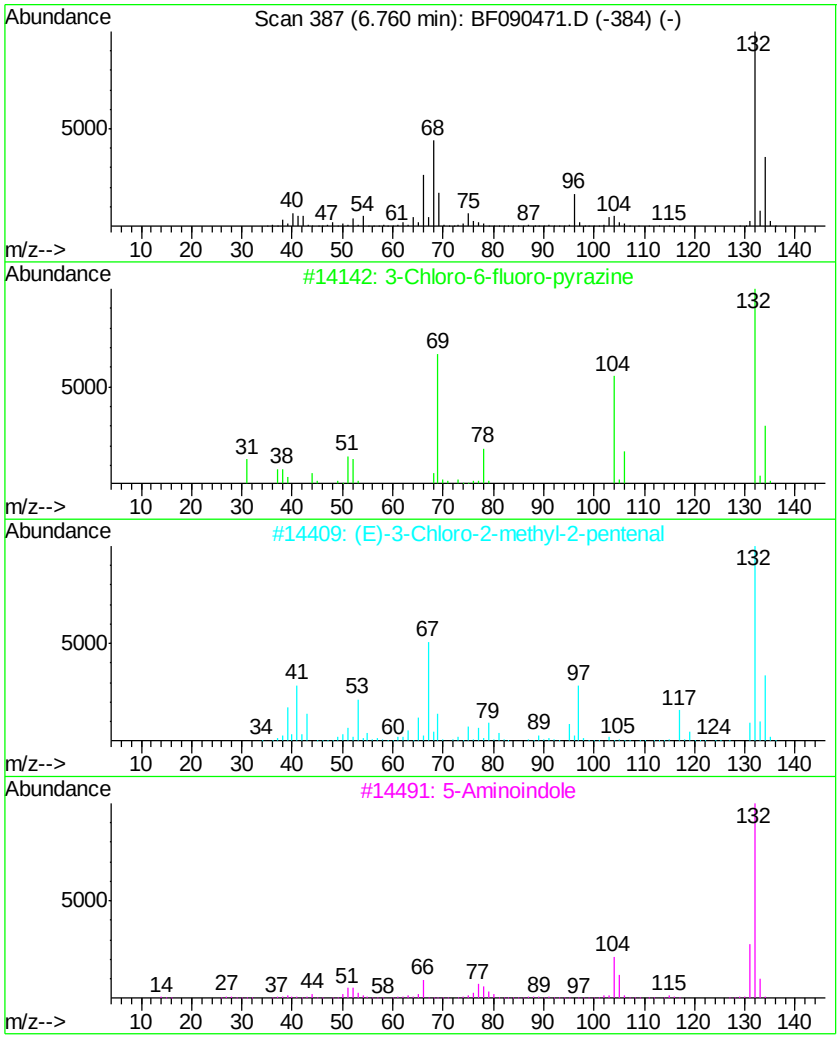
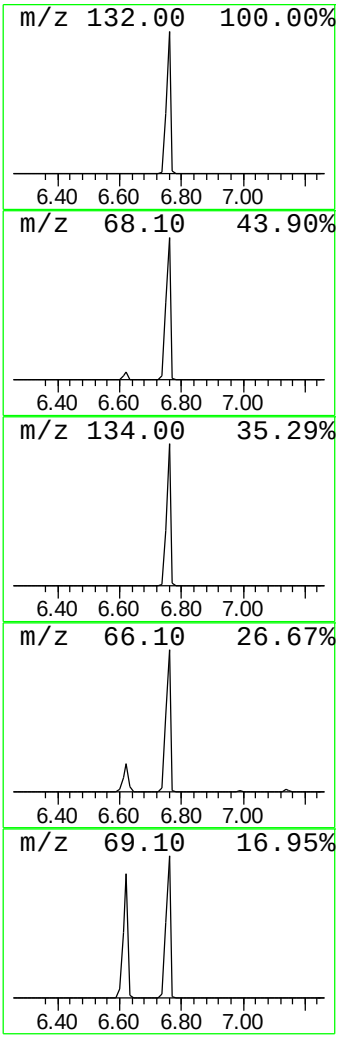
Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	97.67 ng	6716530	1,4-Dichlorobenzene-d4	6.99

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Operator : UM/SJ
Sample : H5136-03
Misc :
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Instrument : BNA_F
ClientSampleId : 100516-03

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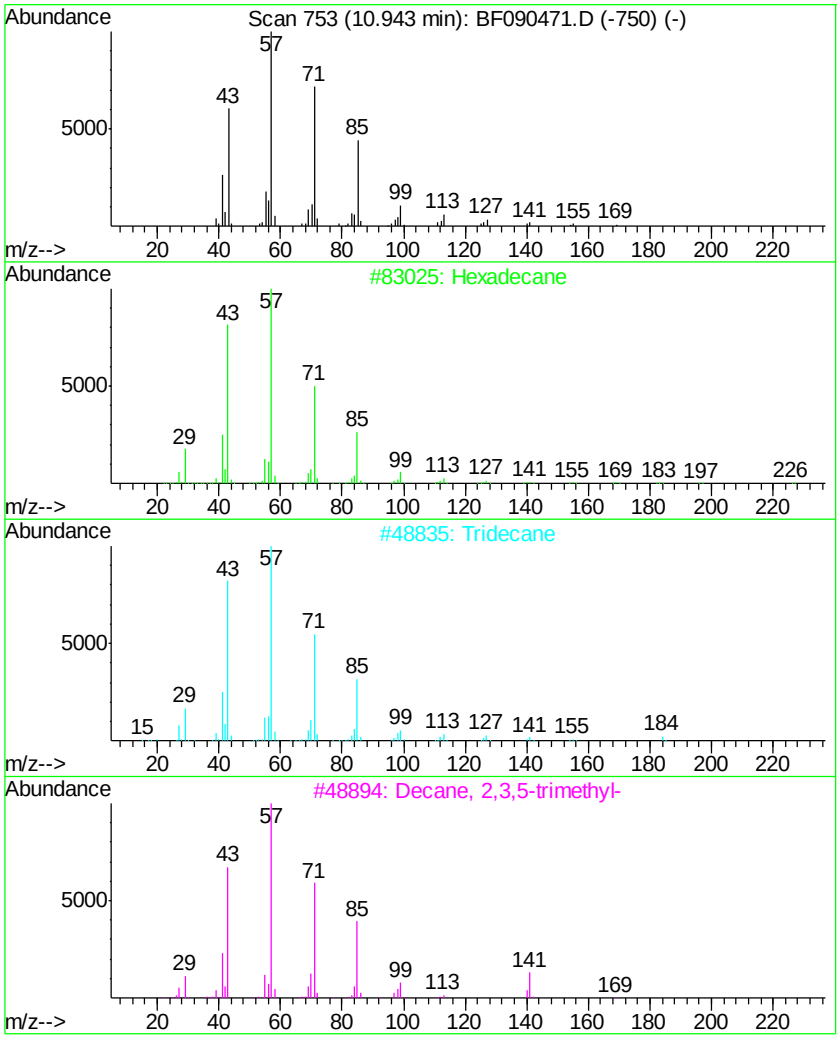
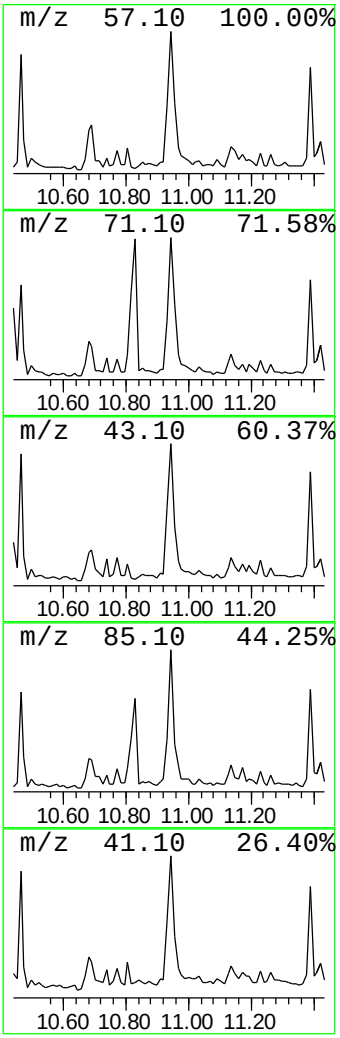
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.03 ng	240043	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





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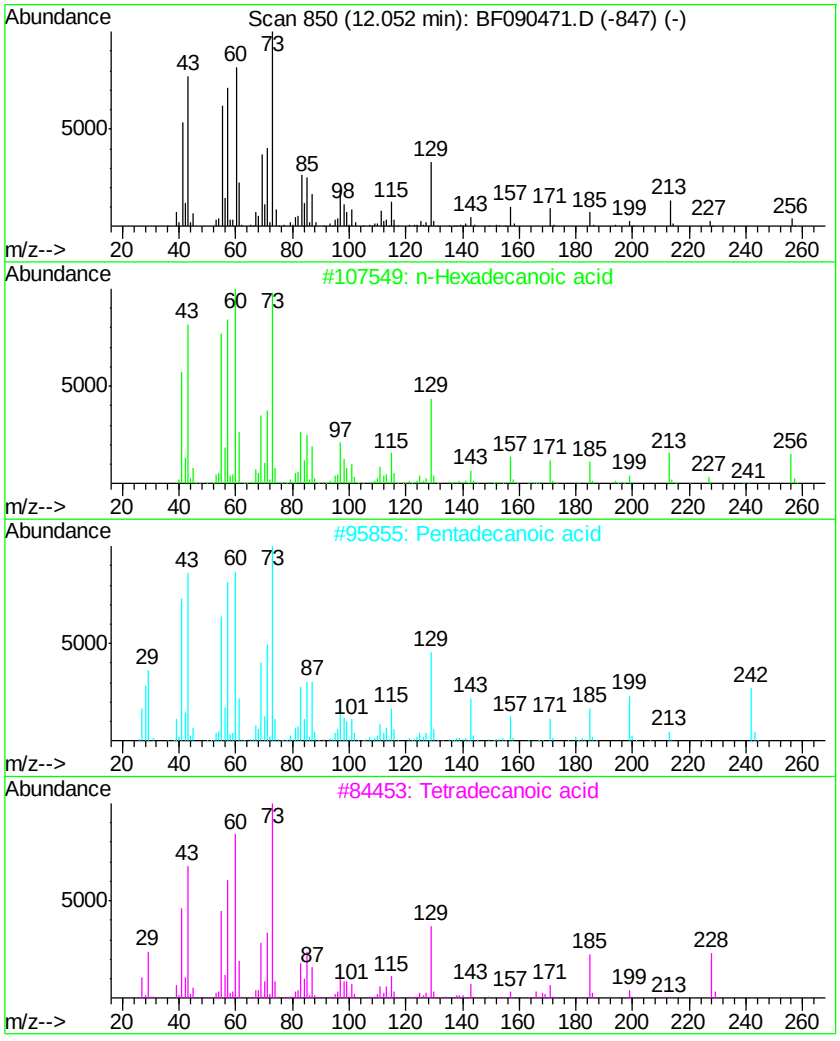
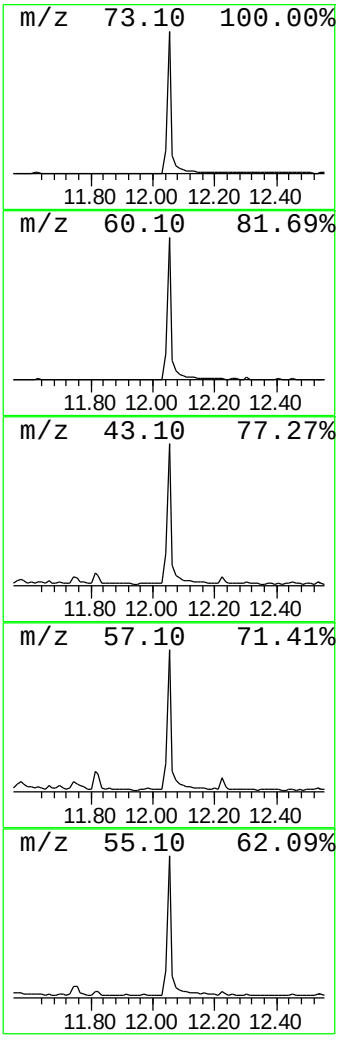
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.90 ng	579565	Phenanthrene-d10	11.53

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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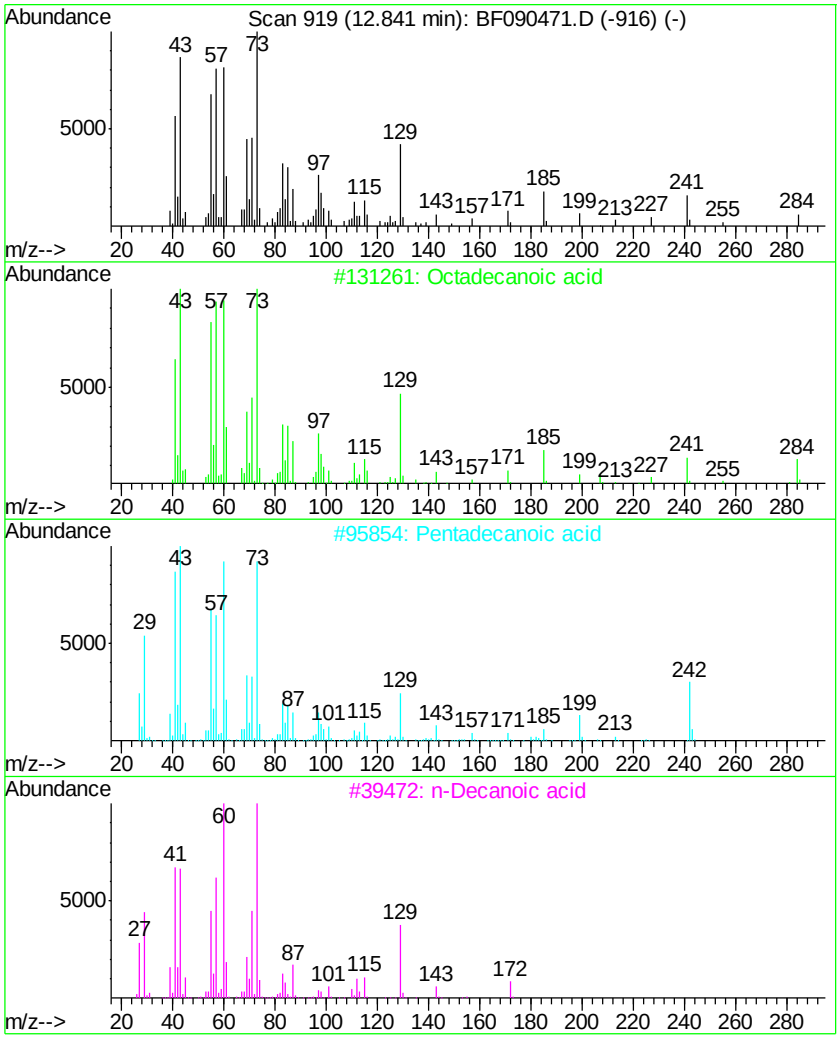
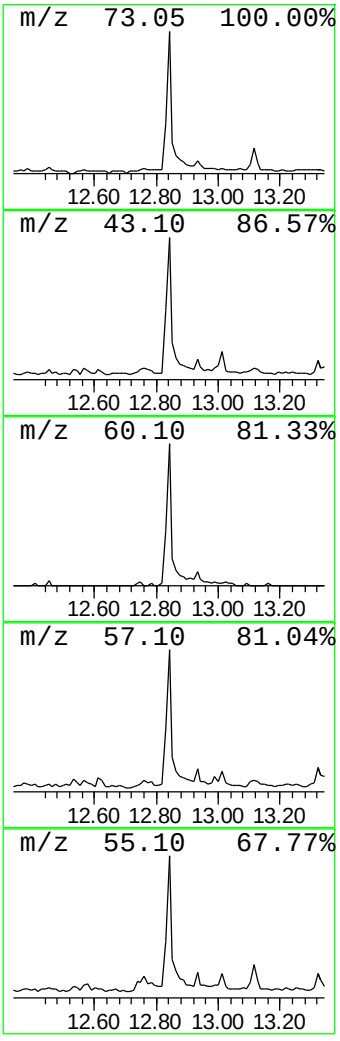
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.15 ng	254328	Phenanthrene-d10	11.53

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	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25





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Instrument : BNA_F
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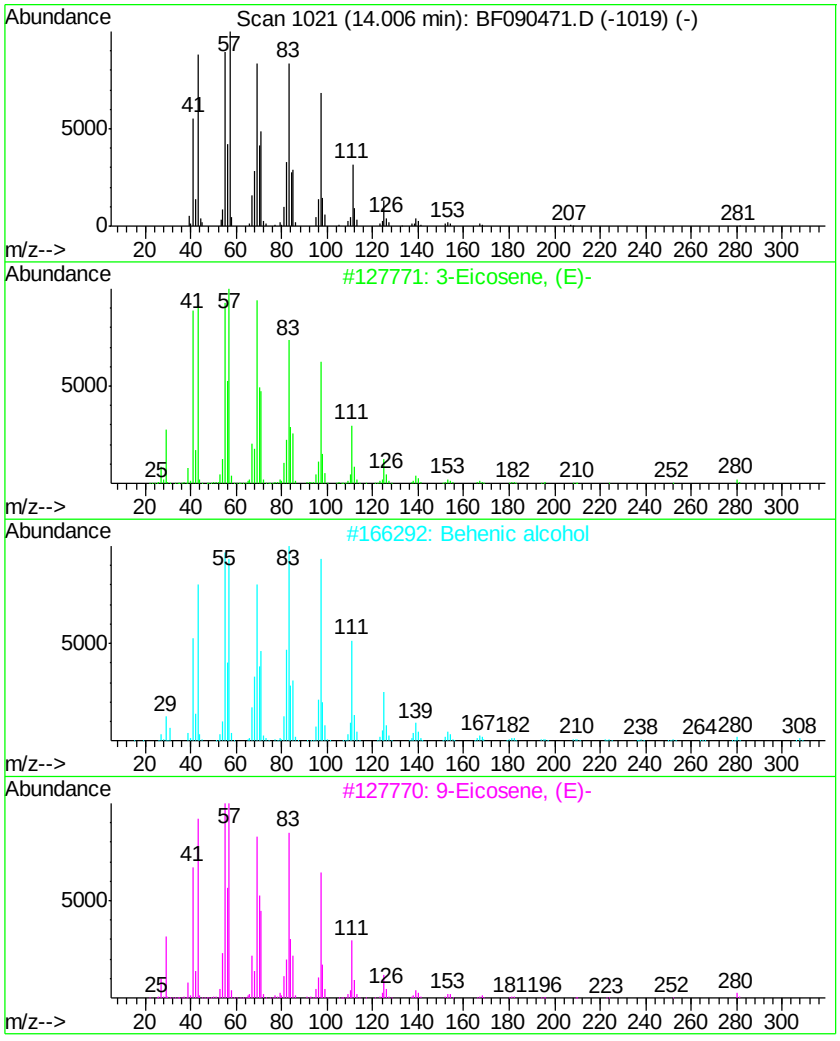
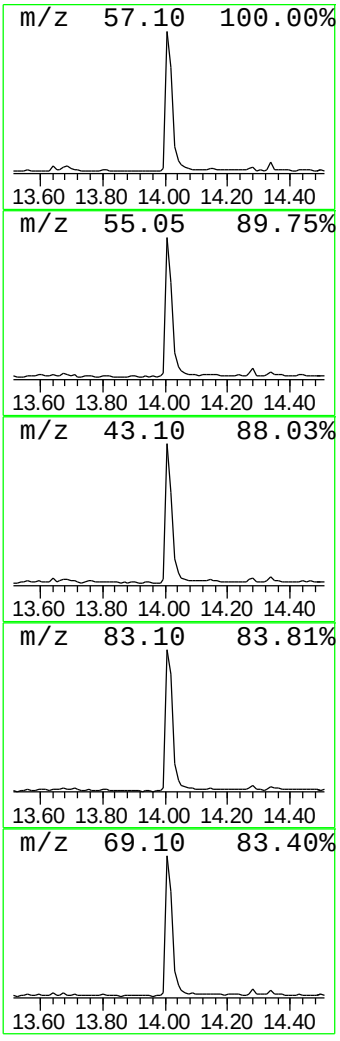
Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	7.64 ng	581634	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	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...	5.19	24.6	ng	1689100	1	6.99	1375400	20.0
unknown6.76	6.76	97.7	ng	6716530	1	6.99	1375400	20.0
Hexadecane	10.94	2.0	ng	240043	4	11.53	2366970	20.0
n-Hexadecanoic acid	12.05	4.9	ng	579565	4	11.53	2366970	20.0
Octadecanoic acid	12.84	2.1	ng	254328	4	11.53	2366970	20.0
3-Eicosene, (E)-	14.01	7.6	ng	581634	5	14.18	1521660	20.0