LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089813.D
Acq On : 19 Aug 2016 23:06
Operator : UM/SJ
Sample : H4518-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-2(0-8)

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-BF081916.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	1.655	5	6	15	rVB	2338138	4157373	16.36%	2.898%
2	1.781	15	17	24	rBV	11566815	25410426	100.00%	17.715%
3	4.833	281	284	289	rBV	2792883	3998289	15.73%	2.787%
4	5.267	319	322	325	rBV	9151242	10653937	41.93%	7.428%
5	5.679	356	358	361	rBV	272058	263756	1.04%	0.184%
6	6.330	411	415	417	rBV	8277399	12186944	47.96%	8.496%
7	6.445	423	425	428	rBV	8416586	12024607	47.32%	8.383%
8	6.685	443	446	448	rBV	4027076	3301281	12.99%	2.302%
9	6.845	457	460	462	rBV	9851354	10181694	40.07%	7.098%
10	7.245	492	495	498	rBV	5165568	7588912	29.87%	5.291%
11	7.965	556	558	561	rBV	4130771	3966615	15.61%	2.765%
12	9.050	650	653	655	rBV	14173929	13040628	51.32%	9.092%
13	9.439	685	687	690	rBV	2076365	2349050	9.24%	1.638%
14	9.713	709	711	713	rBV	4659391	4234953	16.67%	2.952%
15	10.171	749	751	753	rVB	397506	330344	1.30%	0.230%
16	10.502	777	780	782	rBV	5362386	5756675	22.65%	4.013%
17	10.639	790	792	799	rVB	495032	594727	2.34%	0.415%
18	11.188	838	840	844	rBV2	3979770	4117467	16.20%	2.871%
19	11.736	885	888	892	rBV4	289294	495196	1.95%	0.345%
20	12.388	943	945	948	rBV	536125	710223	2.80%	0.495%
21	12.617	962	965	968	rBV	757433	839453	3.30%	0.585%
22	12.777	977	979	982	rBV	6877342	8217219	32.34%	5.729%
23	13.417	1027	1035	1038	rBV4	87743	423159	1.67%	0.295%
24	13.737	1060	1063	1069	rBV2	348694	657983	2.59%	0.459%
25	13.851	1070	1073	1075	rBV	3046603	3348573	13.18%	2.335%
26	14.948	1166	1169	1174	rBV	363769	769329	3.03%	0.536%
27	15.268	1195	1197	1200	rVB	269449	409595	1.61%	0.286%
28	15.337	1200	1203	1205	rBV	2632618	3135008	12.34%	2.186%
29	16.617	1312	1315	1320	rBV2	134705	273116	1.07%	0.190%

Sum of corrected areas: 143436532

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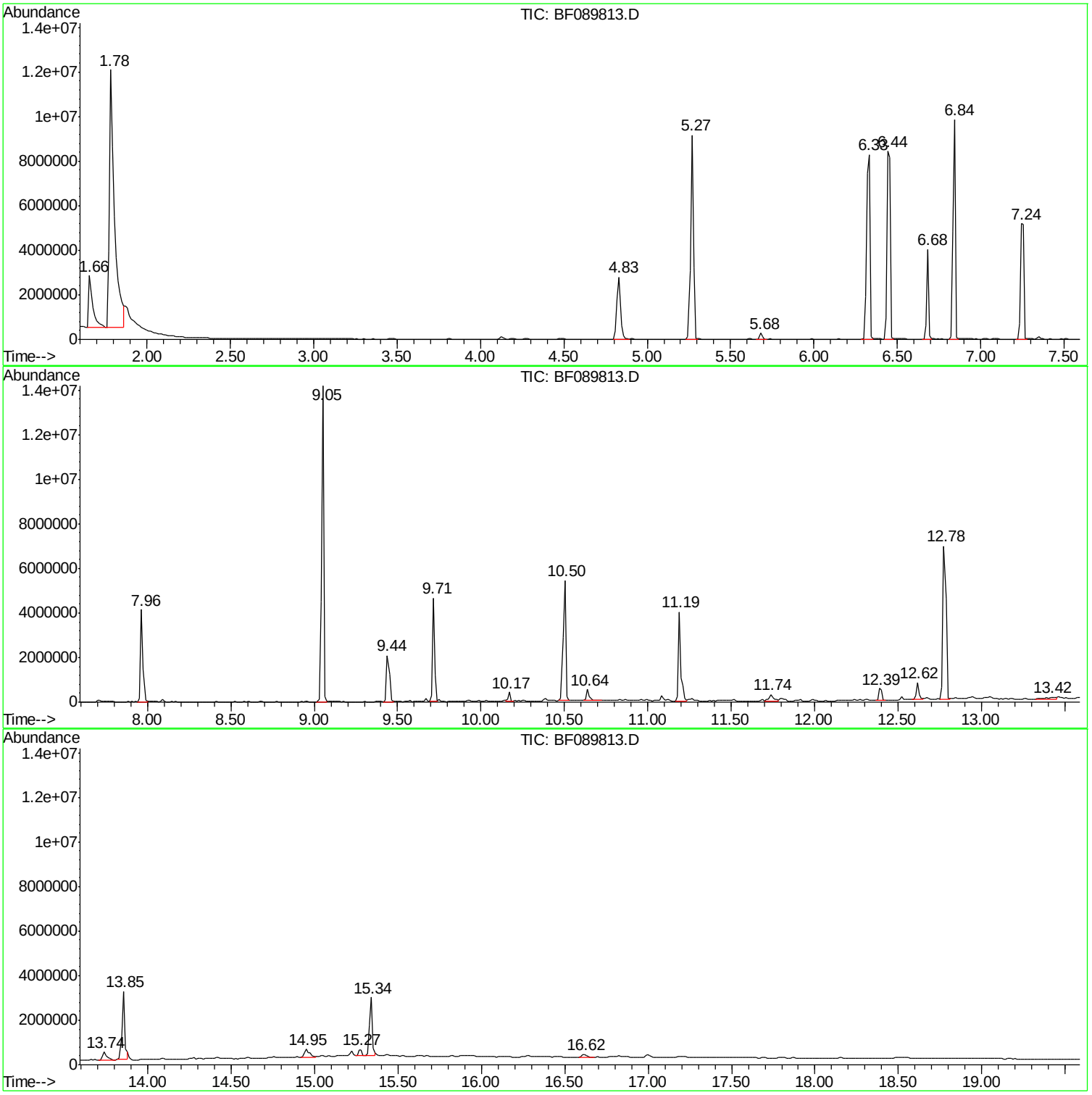
A-2(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.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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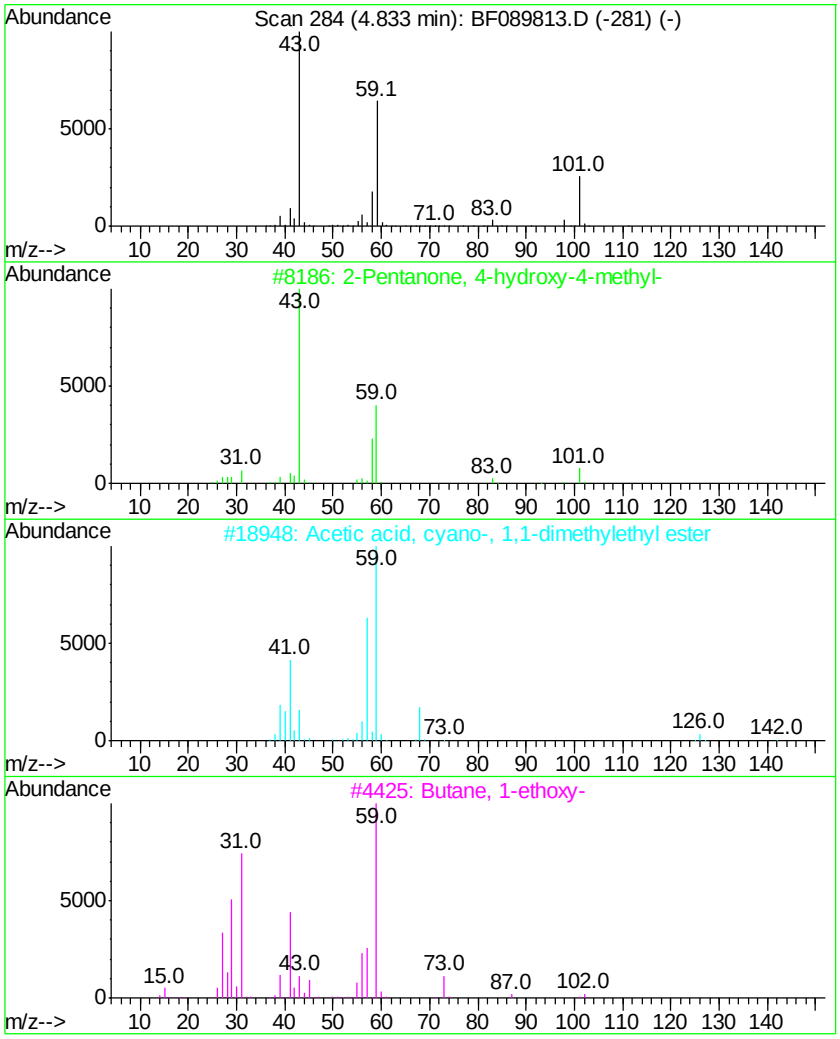
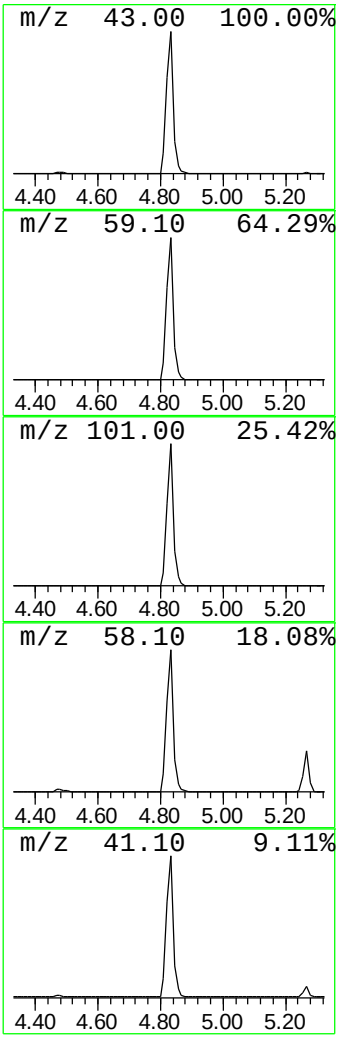
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	24.22 ng	3998290	1,4-Dichlorobenzene-d4	6.68

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	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : A-2(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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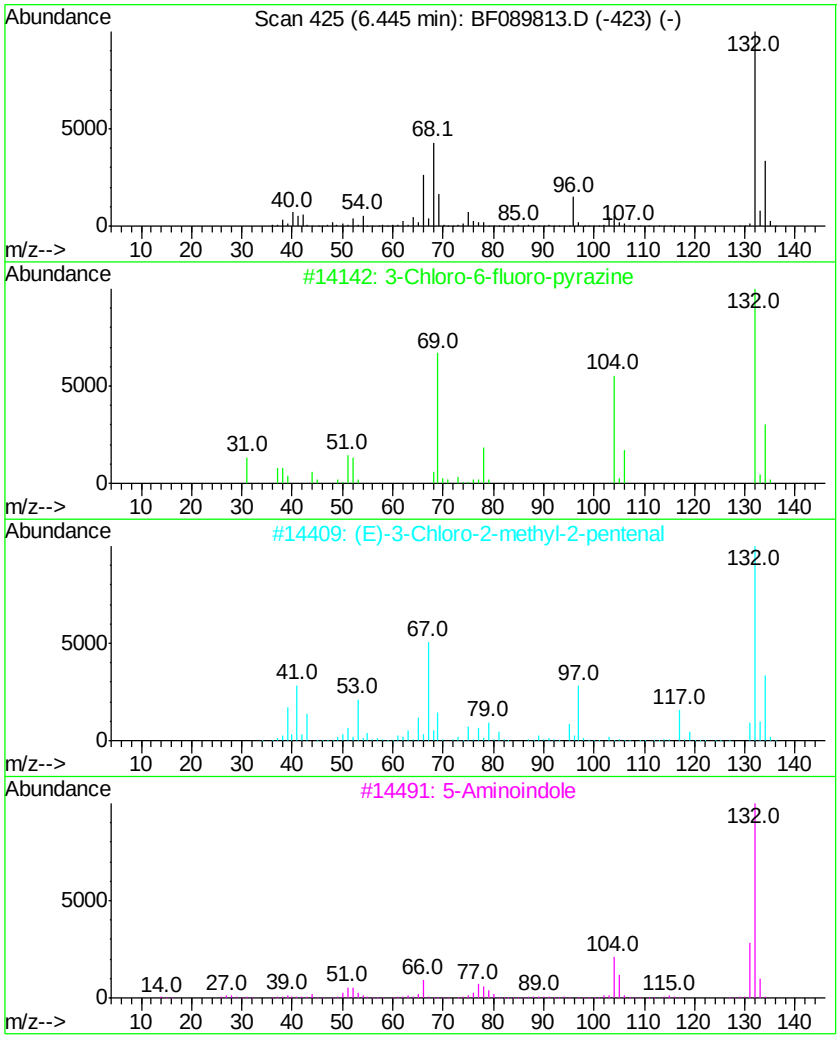
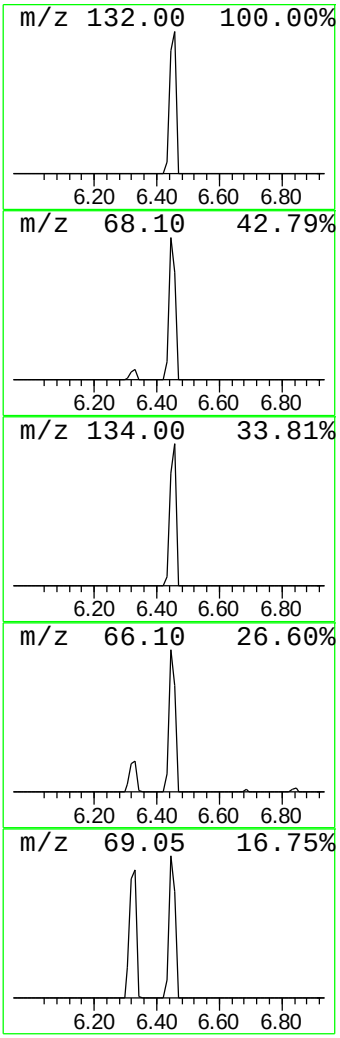
Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	72.85 ng	12024600	1,4-Dichlorobenzene-d4	6.68

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	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : H4518-08
Misc :
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Instrument : BNA_F
ClientSampleId : A-2(0-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
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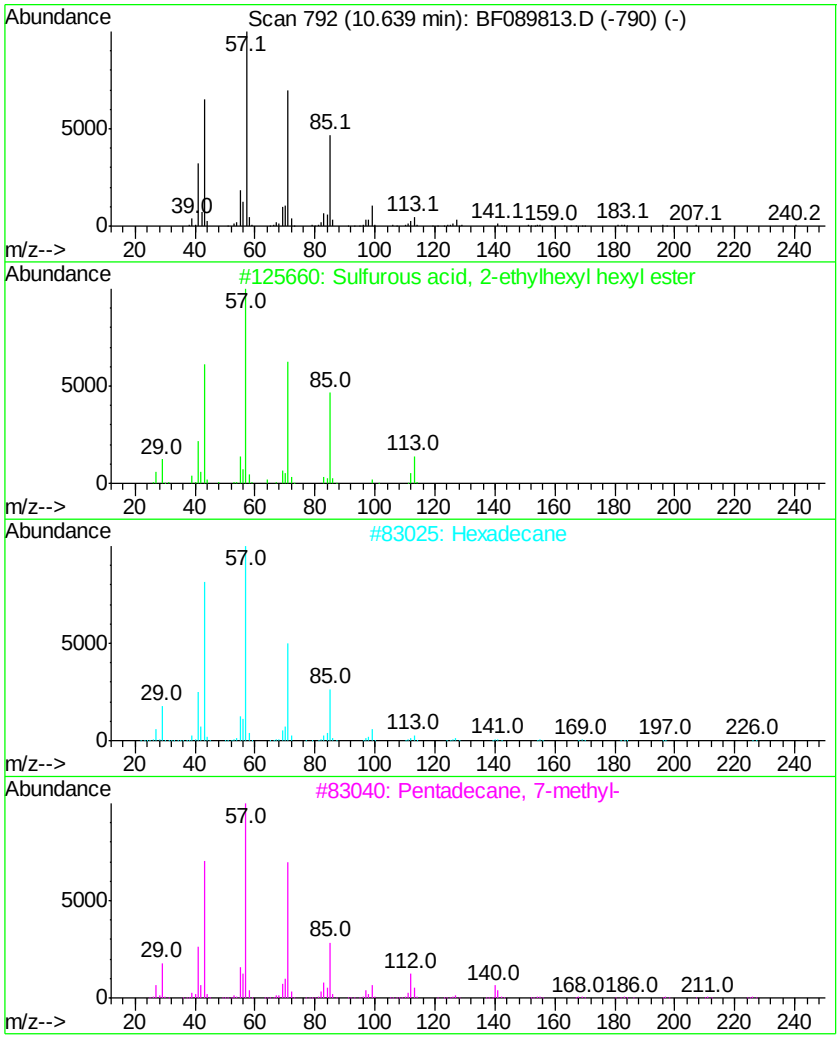
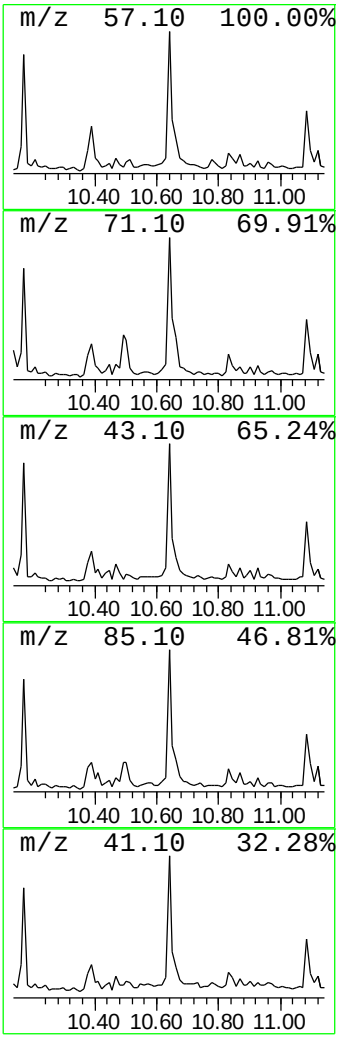
Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	2.89 ng	594727	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
2	Hexadecane	226	C16H34	000544-76-3	80
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





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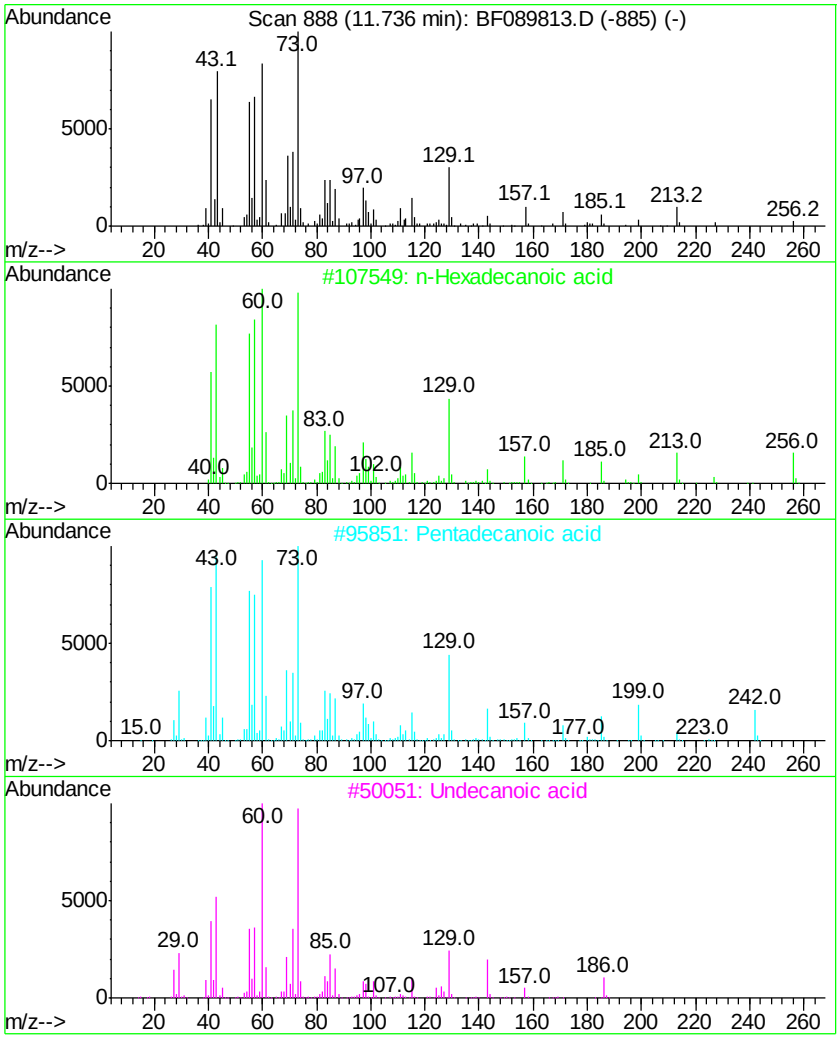
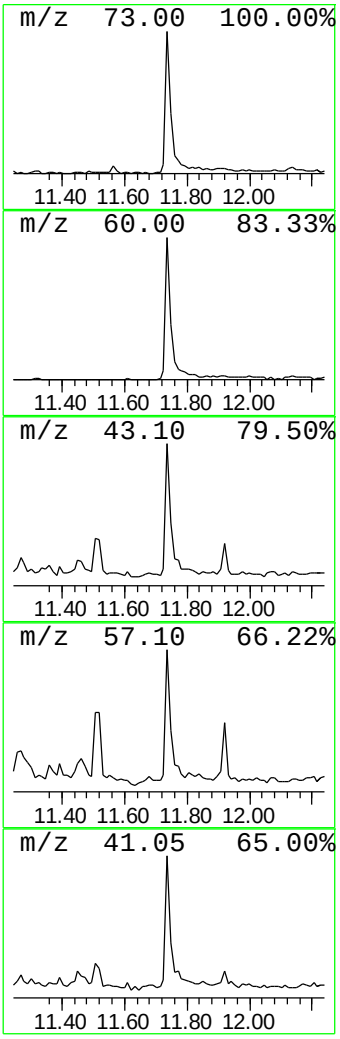
Peak Number 7 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.41 ng	495196	Phenanthrene-d10	11.19

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	91
3	Undecanoic acid	186	C11H22O2	000112-37-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	25





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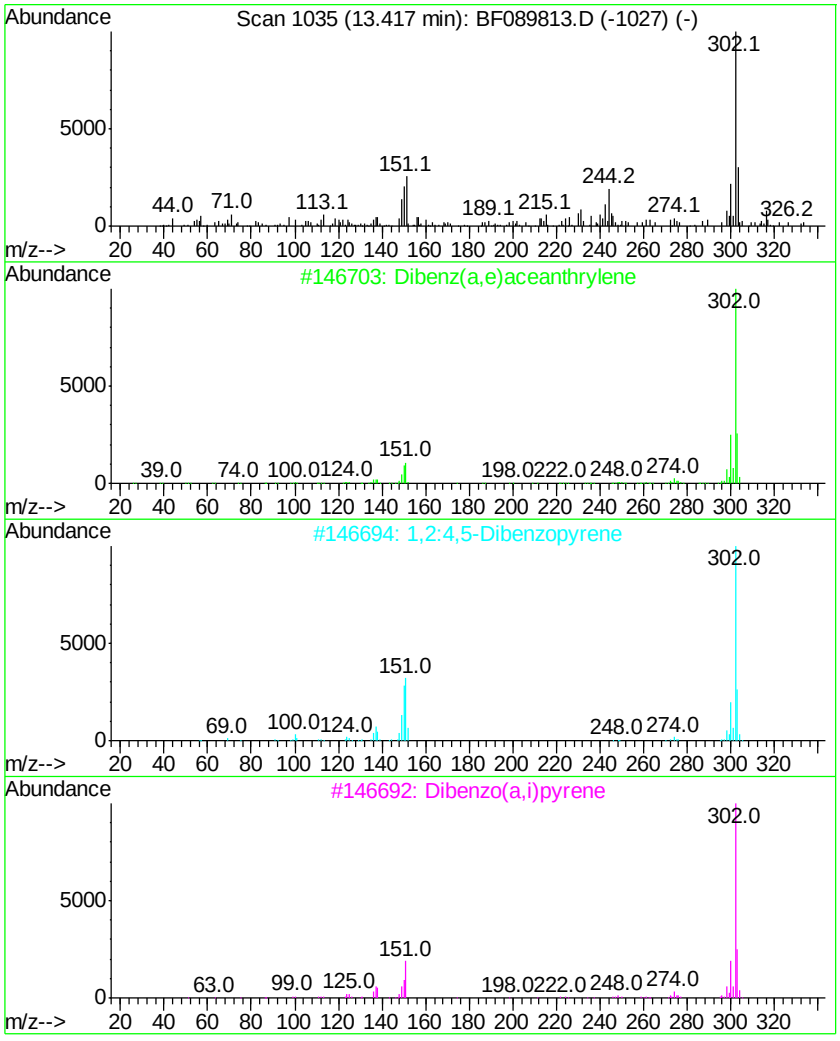
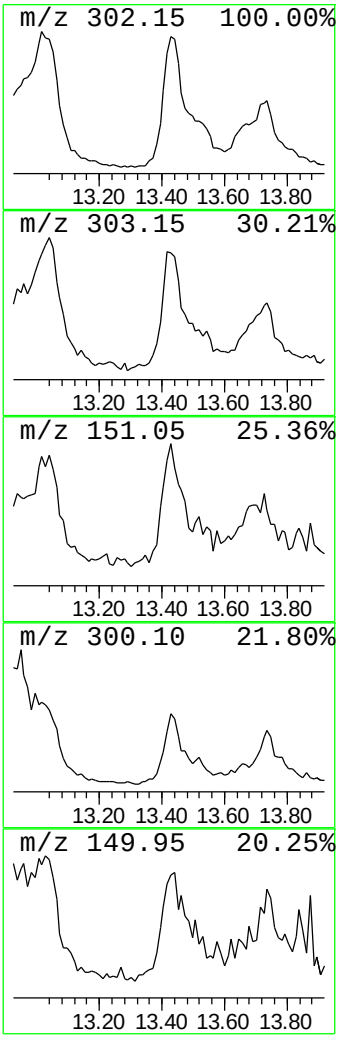
Peak Number 8 Dibenz(a,e)aceanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.53 ng	423159	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	86
2	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	86
4	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	83
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	70





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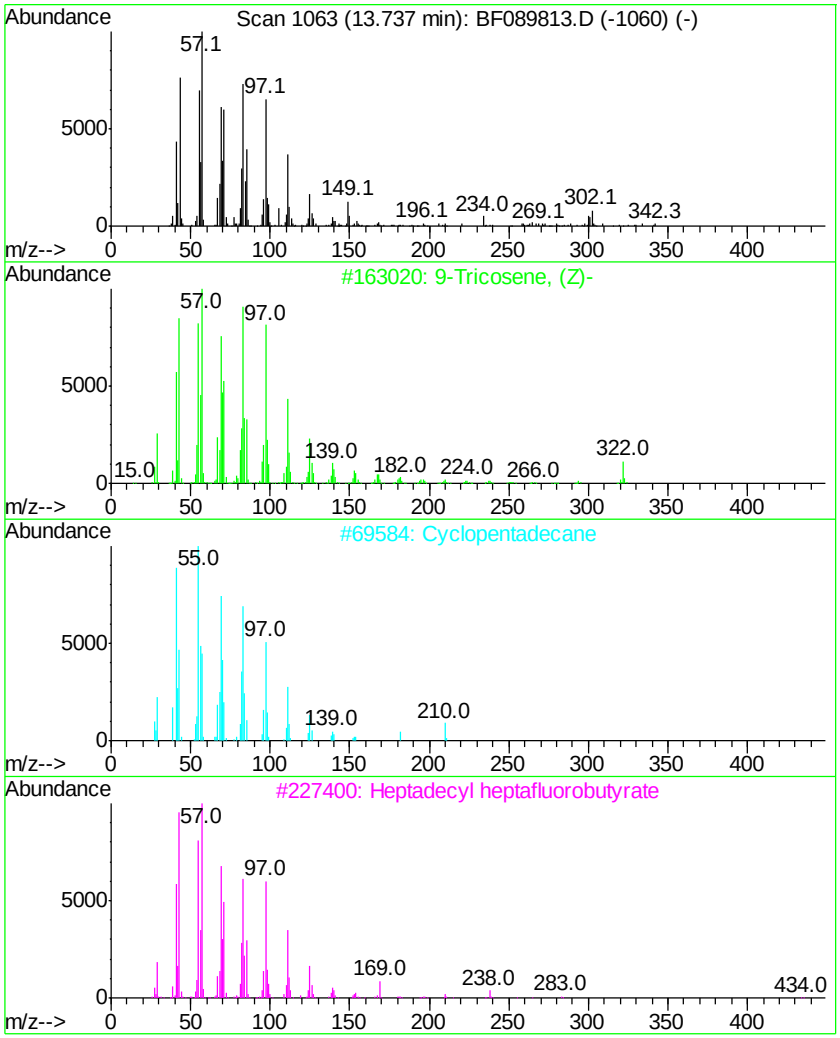
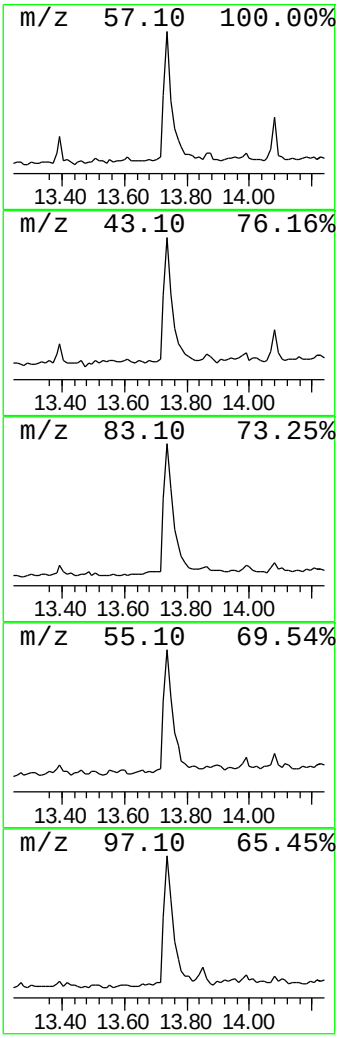
Peak Number 9 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.93 ng	657983	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	Cyclopentadecane	210	C15H30	000295-48-7	92
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	90





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...	4.83	24.2	ng	3998290	1	6.68	3301280	20.0
unknown6.44	6.44	72.8	ng	12024600	1	6.68	3301280	20.0
Sulfurous acid, 2...	10.64	2.9	ng	594727	4	11.19	4117470	20.0
n-Hexadecanoic acid	11.74	2.4	ng	495196	4	11.19	4117470	20.0
Dibenz(a,e)aceant...	13.42	2.5	ng	423159	5	13.85	3348570	20.0
9-Tricosene, (Z)-	13.74	3.9	ng	657983	5	13.85	3348570	20.0