LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
Data File : BF089803.D
Acq On : 19 Aug 2016 18:40
Operator : UM/SJ
Sample : H4463-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STONE-1

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	rVV	2001674	3817685	10.85%	2.562%
2	1.781	15	17	74	rVB	11748972	35195927	100.00%	23.619%
3	4.821	280	283	294	rVB	1933706	2738155	7.78%	1.837%
4	5.267	318	322	324	rBV	8899629	10973841	31.18%	7.364%
5	6.319	411	414	416	rBV	8879297	9375477	26.64%	6.292%
6	6.444	422	425	428	rBV	9937439	10030614	28.50%	6.731%
7	6.684	443	446	448	rBV	3607176	3181970	9.04%	2.135%
8	6.833	457	459	462	rBV	6390339	8851871	25.15%	5.940%
9	7.244	492	495	498	rBV	5852324	6144944	17.46%	4.124%
10	7.964	556	558	561	rBV	4841362	4137576	11.76%	2.777%
11	9.050	650	653	655	rBV	12868692	13310063	37.82%	8.932%
12	9.439	685	687	690	rBV	2672771	2623283	7.45%	1.760%
13	9.713	709	711	713	rBV	5235645	4559334	12.95%	3.060%
14	10.502	777	780	782	rVV2	4631888	6305394	17.92%	4.231%
15	10.639	790	792	796	rBV	455419	591122	1.68%	0.397%
16	11.188	838	840	844	rBV2	4920060	5277086	14.99%	3.541%
17	11.736	887	888	892	rBV3	349330	608002	1.73%	0.408%
18	12.388	943	945	948	rBV	993446	1121716	3.19%	0.753%
19	12.525	955	957	962	rBV2	1673985	2484568	7.06%	1.667%
20	12.616	962	965	967	rVB	1182289	1232747	3.50%	0.827%
21	12.776	977	979	982	rBV	9169484	9867260	28.04%	6.622%
22	13.828	1068	1071	1072	rBV2	3139392	3426833	9.74%	2.300%
23	14.879	1161	1163	1169	rVB	261594	573214	1.63%	0.385%
24	15.257	1193	1196	1199	rBV	2100440	2589410	7.36%	1.738%

Sum of corrected areas: 149018092

LSC Report - Integrated Chromatogram

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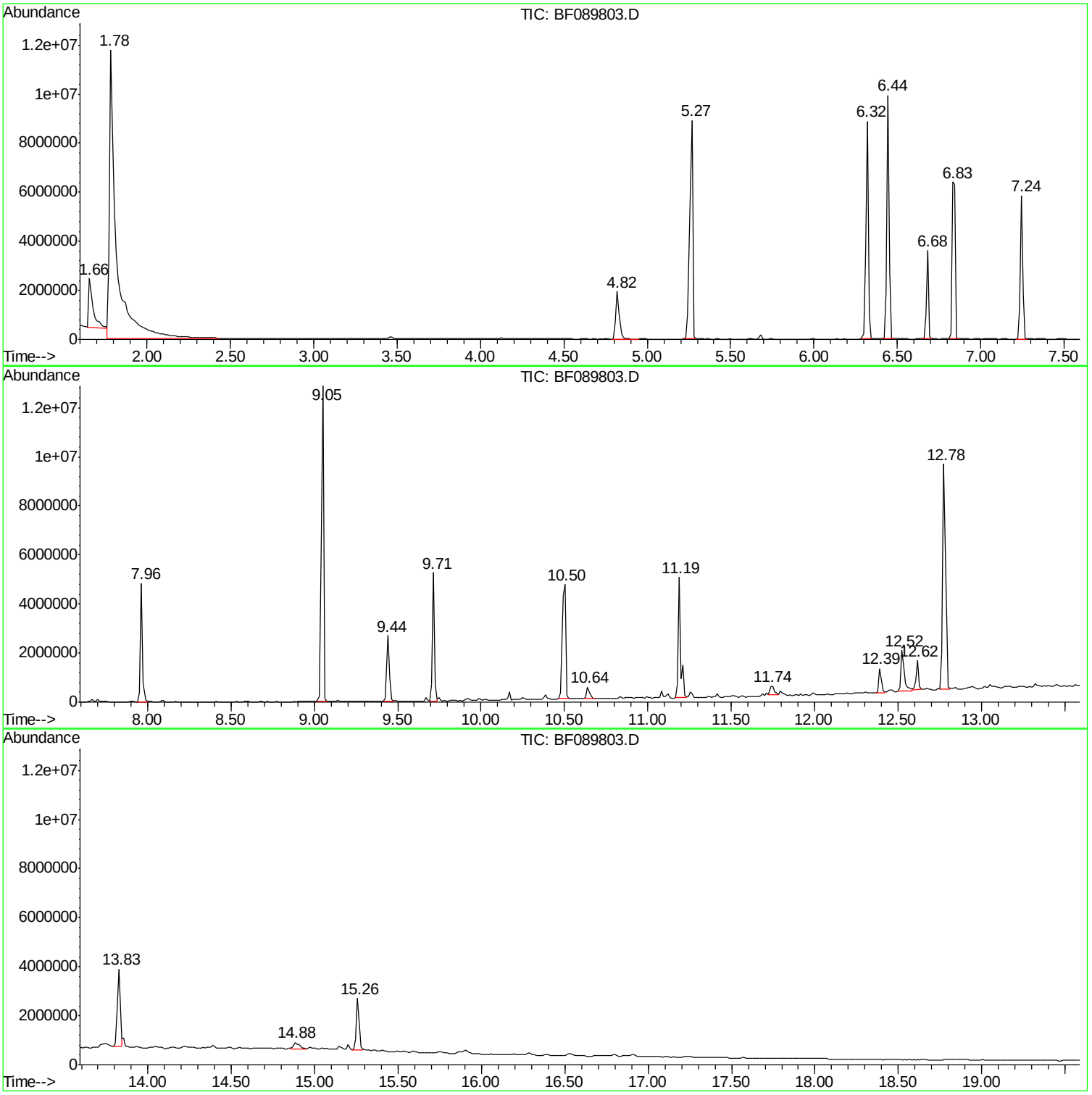
Instrument : BNA_F
ClientSampleId : STONE-1

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



Library Search Compound Report

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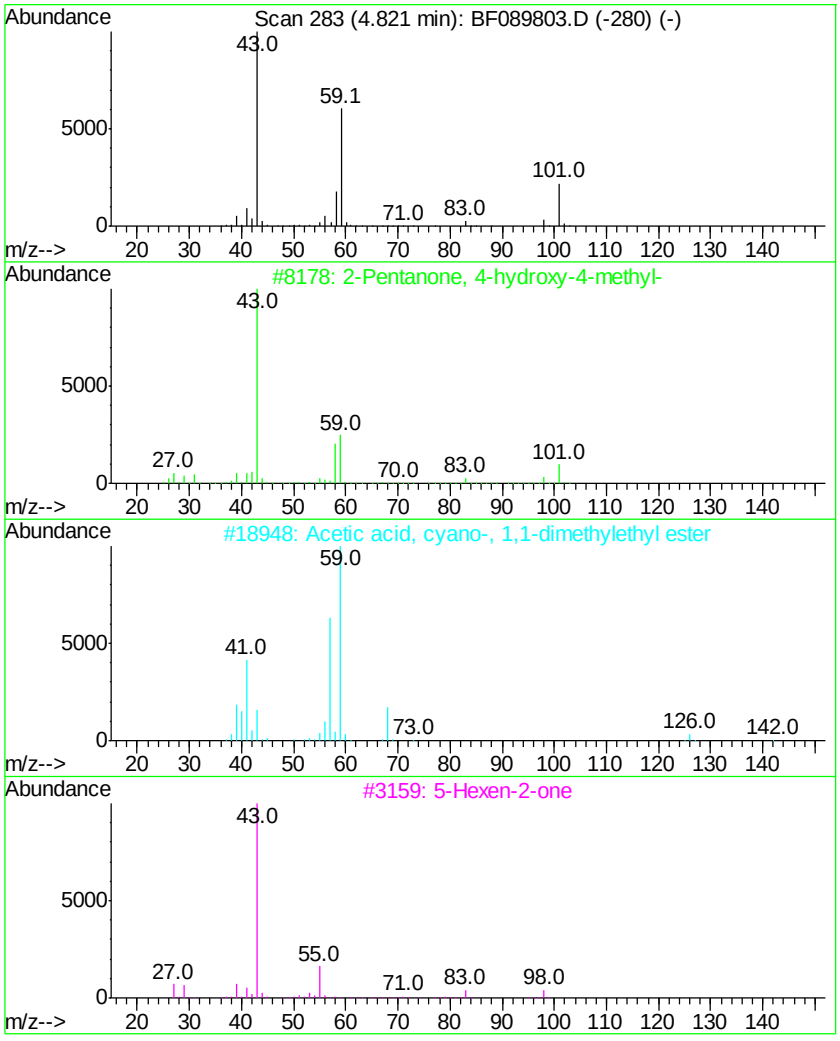
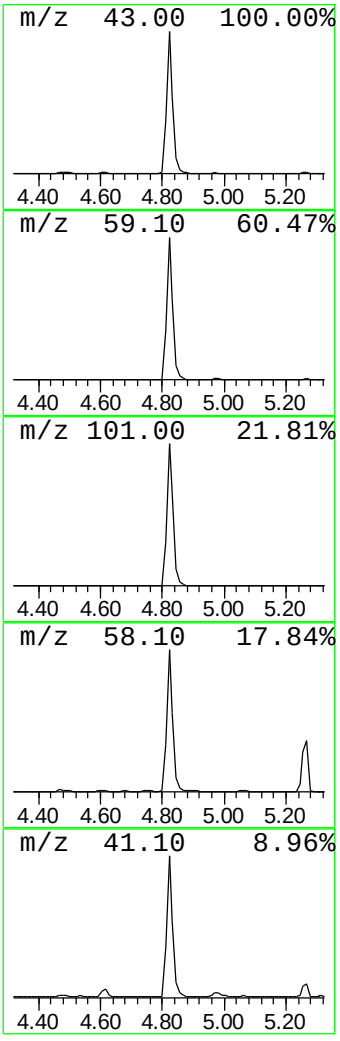
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	17.21 ng	2738160	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	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STONE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
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TIC Library : C:\Database\NIST11.L
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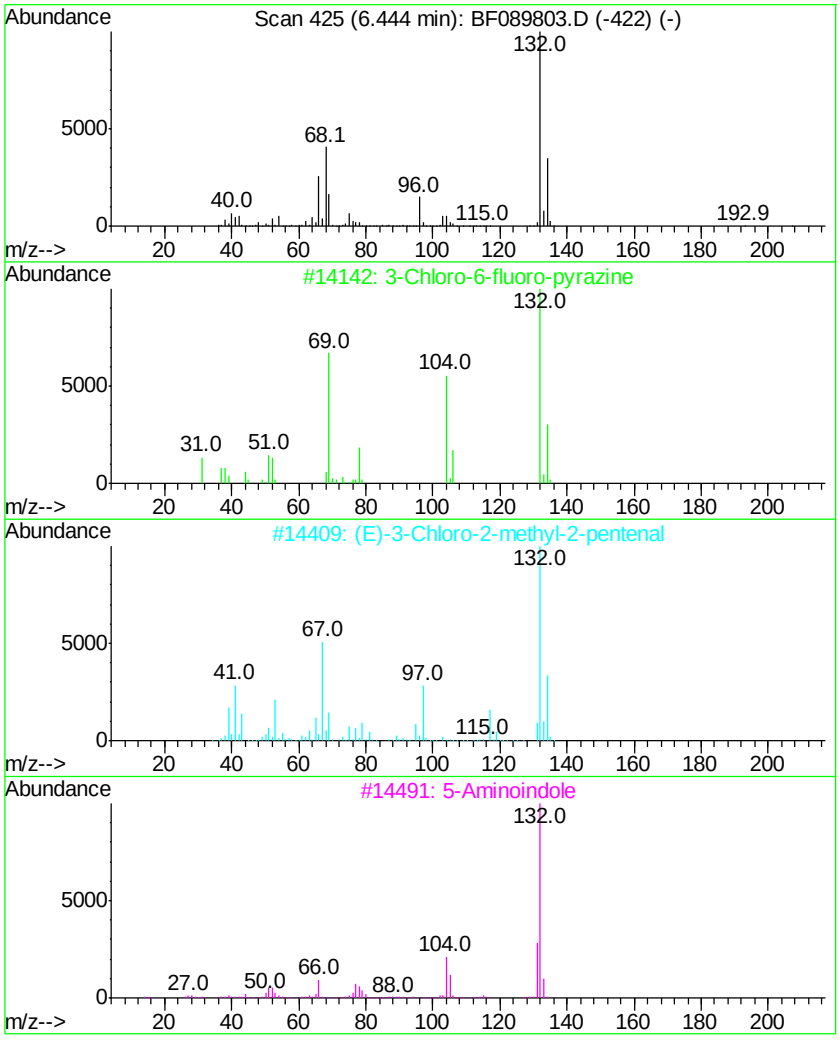
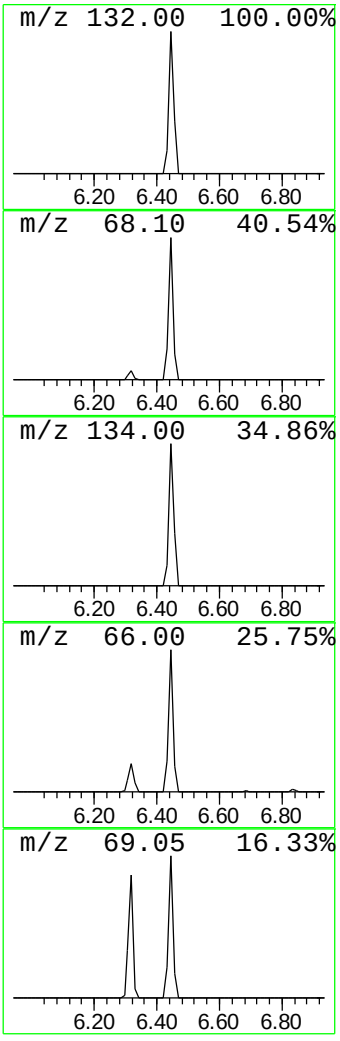
Peak Number 4 unknown6.44 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	63.05 ng	10030600	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	17
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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Instrument : BNA_F
ClientSampleId : STONE-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
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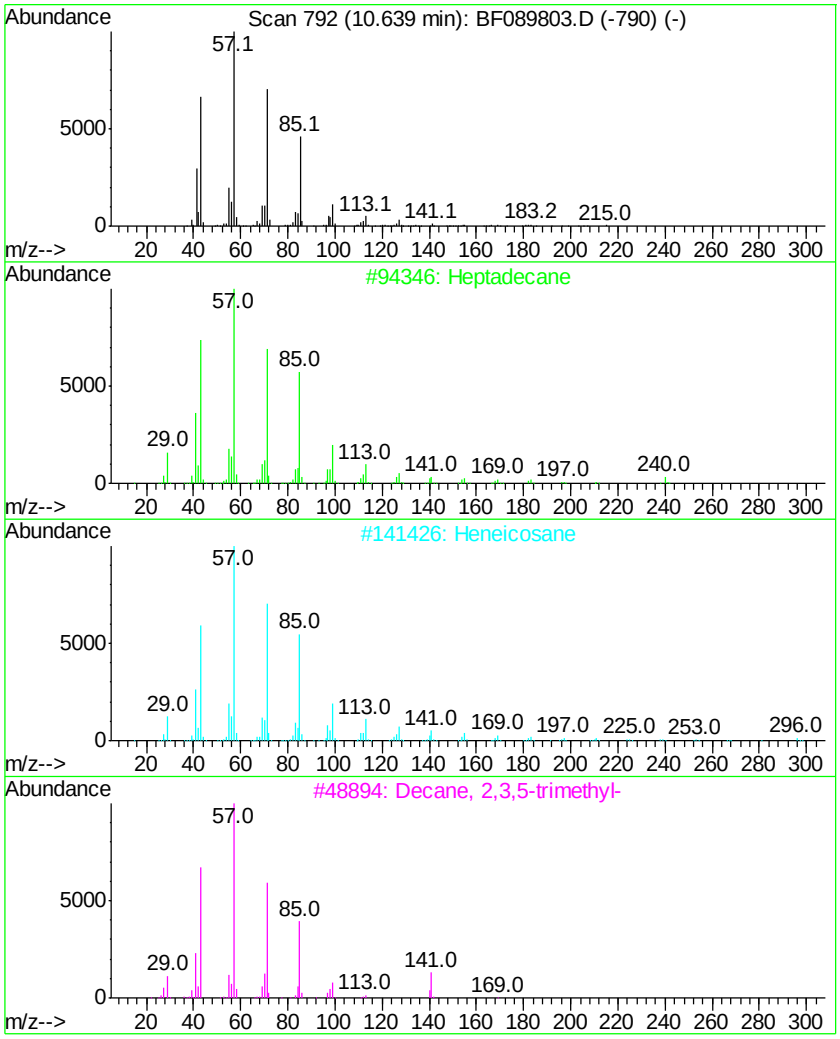
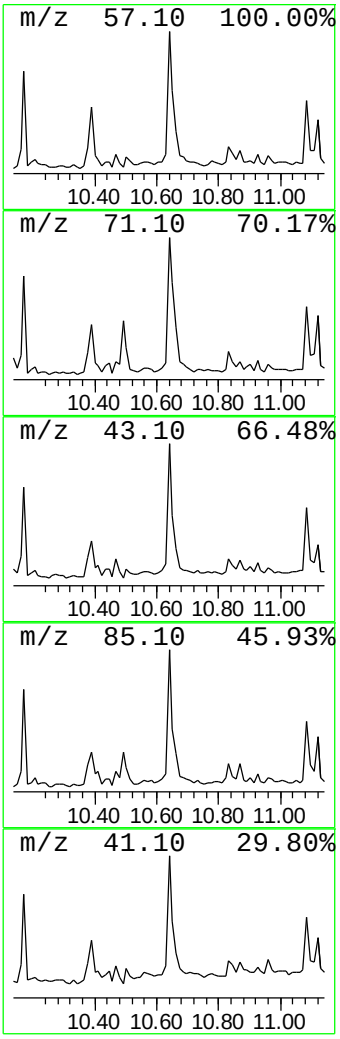
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	2.24 ng	591122	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane	226	C16H34	000544-76-3	80





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Instrument : BNA_F
ClientSampleId : STONE-1

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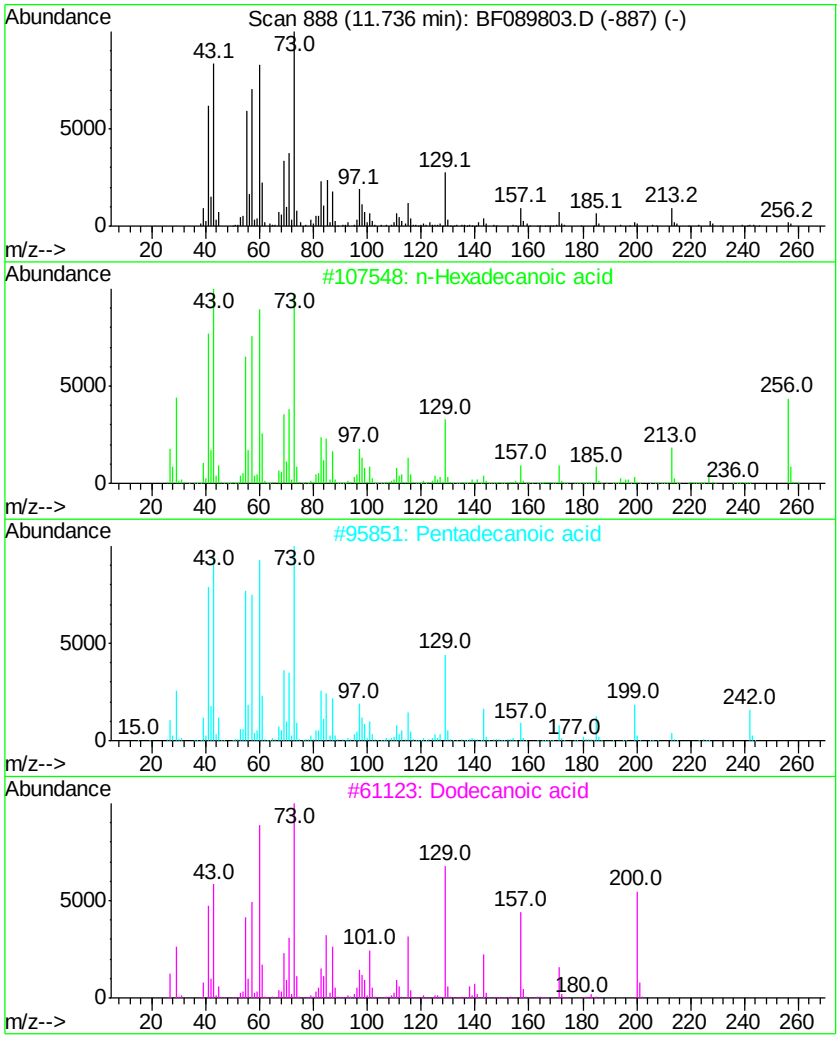
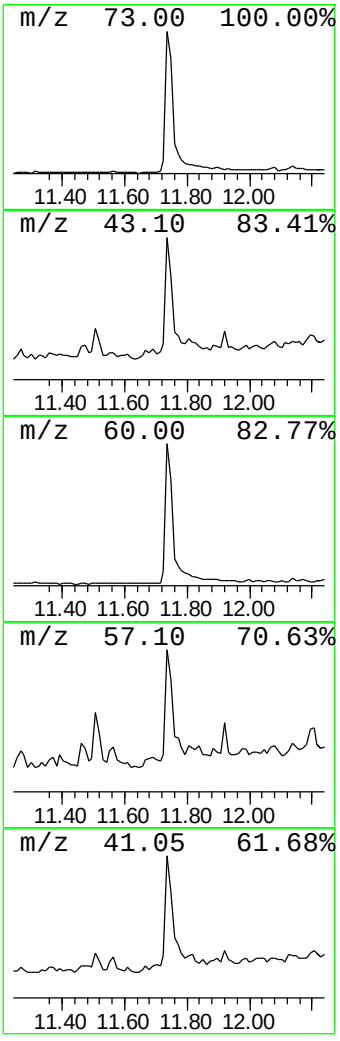
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.30 ng	608002	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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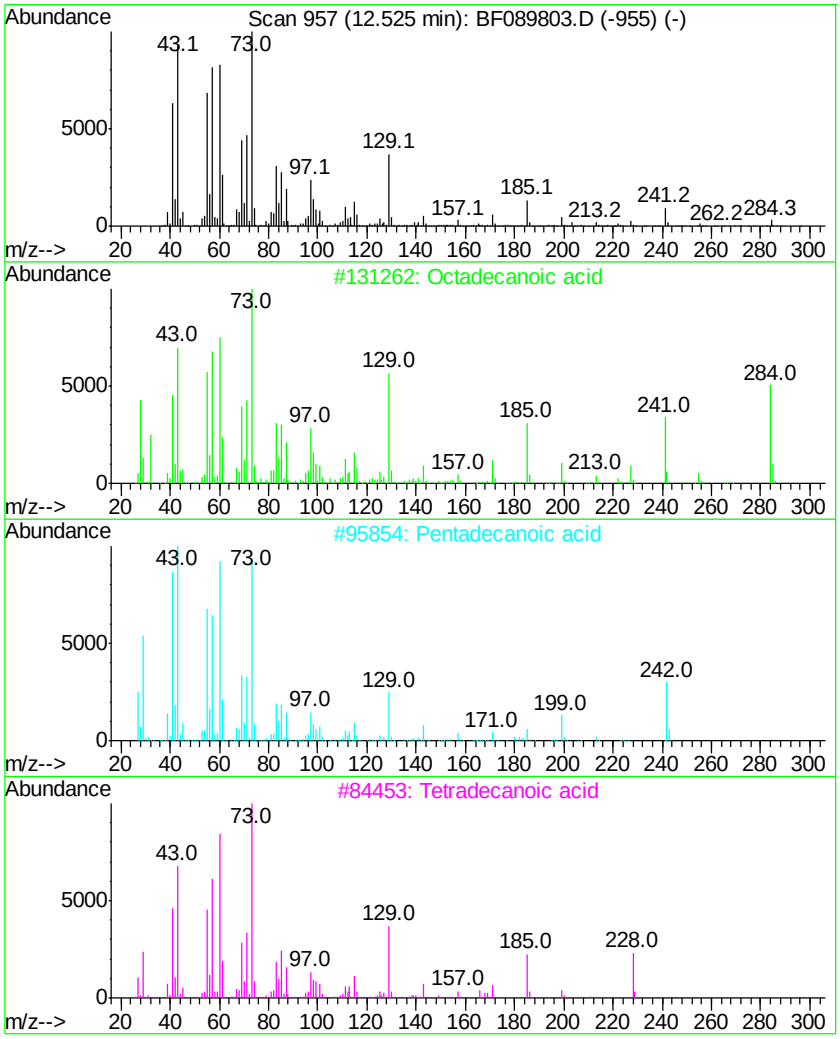
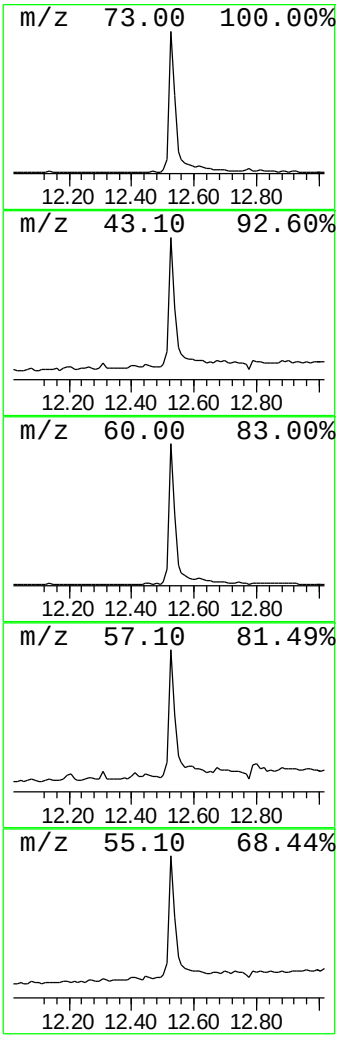
Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	14.50 ng	2484570	Chrysene-d12	13.83

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38





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...	4.82	17.2	ng	2738160	1	6.68	3181970	20.0
unknown6.44	6.44	63.0	ng	10030600	1	6.68	3181970	20.0
Heptadecane	10.64	2.2	ng	591122	4	11.19	5277090	20.0
n-Hexadecanoic acid	11.74	2.3	ng	608002	4	11.19	5277090	20.0
Octadecanoic acid	12.52	14.5	ng	2484570	5	13.83	3426830	20.0