LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089538.D
Acq On : 2 Aug 2016 4:55
Operator : UM/SJ
Sample : H4288-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-67-5.5-6.5

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-BF072716.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	4	6	42	rVB	595517	1473792	100.00%	12.964%
2	4.570	258	261	270	rBV	201385	327300	22.21%	2.879%
3	5.050	301	303	320	rBV	911653	1085504	73.65%	9.549%
4	6.147	396	399	406	rBV	1013010	1171628	79.50%	10.306%
5	6.250	406	408	410	rBV	1191793	1191240	80.83%	10.479%
6	6.479	426	428	439	rVB	213126	218301	14.81%	1.920%
7	6.639	439	442	444	rBV	675848	885406	60.08%	7.789%
8	7.050	476	478	489	rBV	499106	652816	44.29%	5.743%
9	7.759	539	540	543	rBV	173403	248881	16.89%	2.189%
10	8.845	632	635	637	rBV	1363333	1197609	81.26%	10.535%
11	9.245	668	670	672	rBV	172468	140708	9.55%	1.238%
12	9.508	691	693	695	rBV	286350	261162	17.72%	2.297%
13	9.965	729	733	734	rBV	19743	18338	1.24%	0.161%
14	10.296	760	762	764	rBV	475480	571578	38.78%	5.028%
15	10.433	772	774	780	rVB	21850	27497	1.87%	0.242%
16	10.982	820	822	826	rBV	164986	240581	16.32%	2.116%
17	11.542	869	871	874	rBV	13477	18649	1.27%	0.164%
18	12.182	925	927	929	rBV	25559	26569	1.80%	0.234%
19	12.399	944	946	949	rBV	26396	29990	2.03%	0.264%
20	12.559	957	960	963	rBV	905431	869879	59.02%	7.652%
21	13.474	1037	1040	1045	rBV	45040	60216	4.09%	0.530%
22	13.599	1048	1051	1053	rBV	224314	287144	19.48%	2.526%
23	14.102	1093	1095	1100	rVB2	12522	16527	1.12%	0.145%
24	14.582	1135	1137	1143	rBV	12967	26578	1.80%	0.234%
25	14.674	1143	1145	1149	rBV2	16104	26826	1.82%	0.236%
26	14.880	1161	1163	1165	rBV	10596	14912	1.01%	0.131%
27	14.925	1165	1167	1170	rBV	213044	233267	15.83%	2.052%
28	15.314	1198	1201	1203	rBV	11691	19048	1.29%	0.168%
29	17.291	1370	1374	1382	rBV3	9791	26150	1.77%	0.230%

Sum of corrected areas: 11368096

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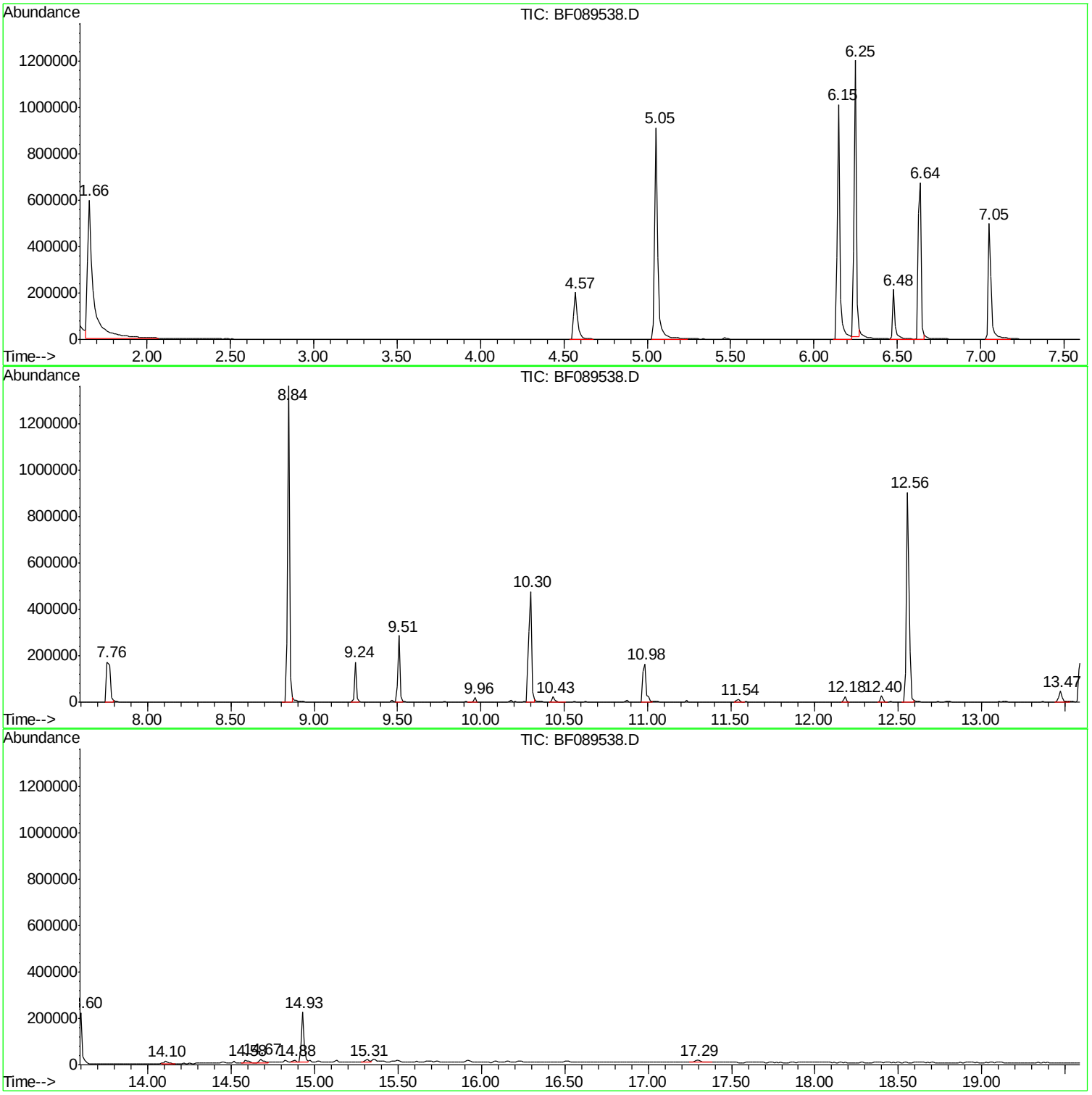
ClientSampleId :
SB-67-5.5-6.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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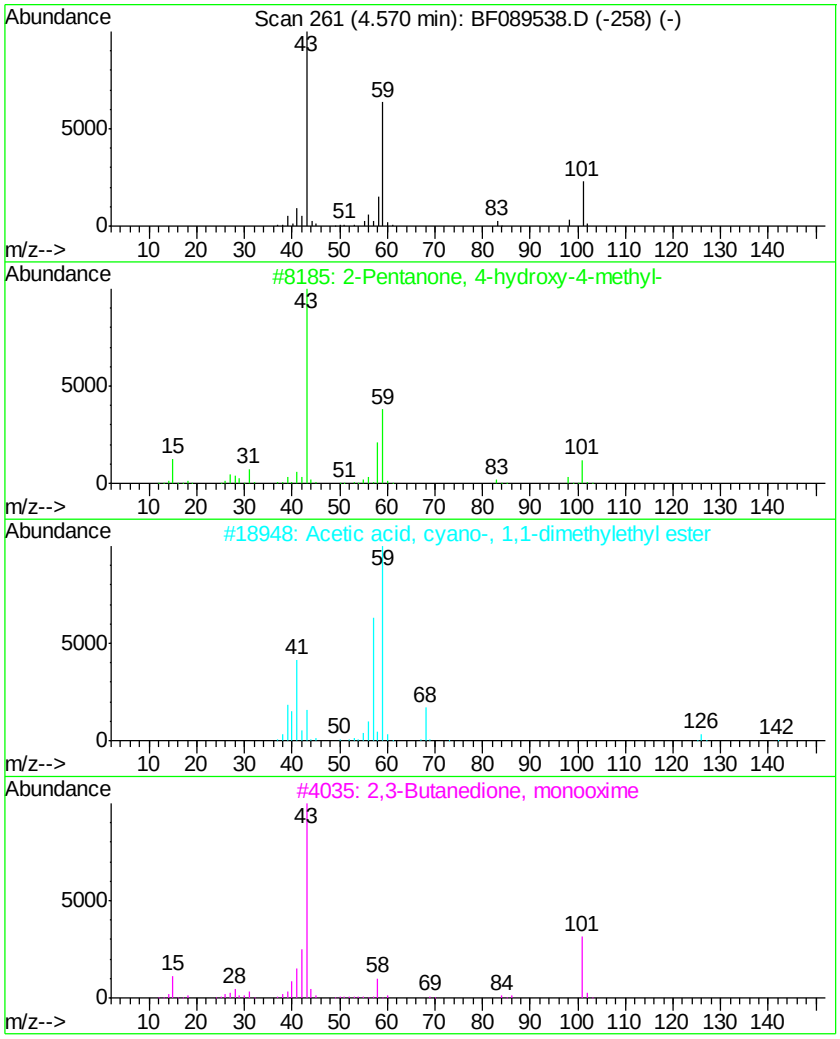
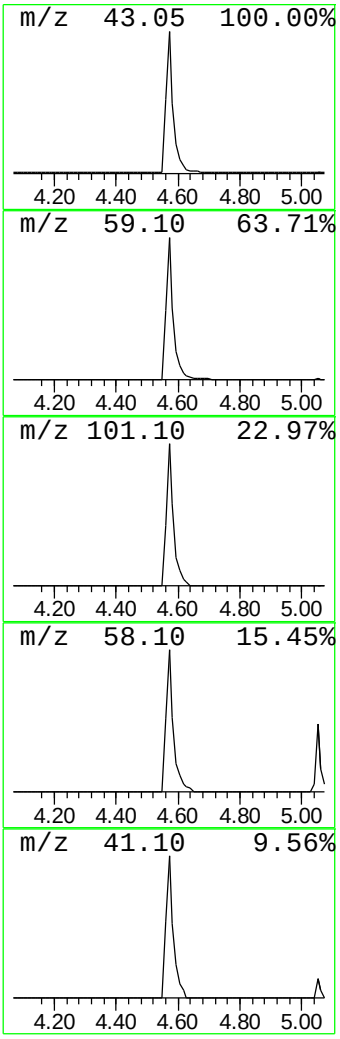
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	29.99 ng	327300	1,4-Dichlorobenzene-d4	6.48

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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ClientSampleId : SB-67-5.5-6.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
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TIC Library : C:\Database\NIST11.L
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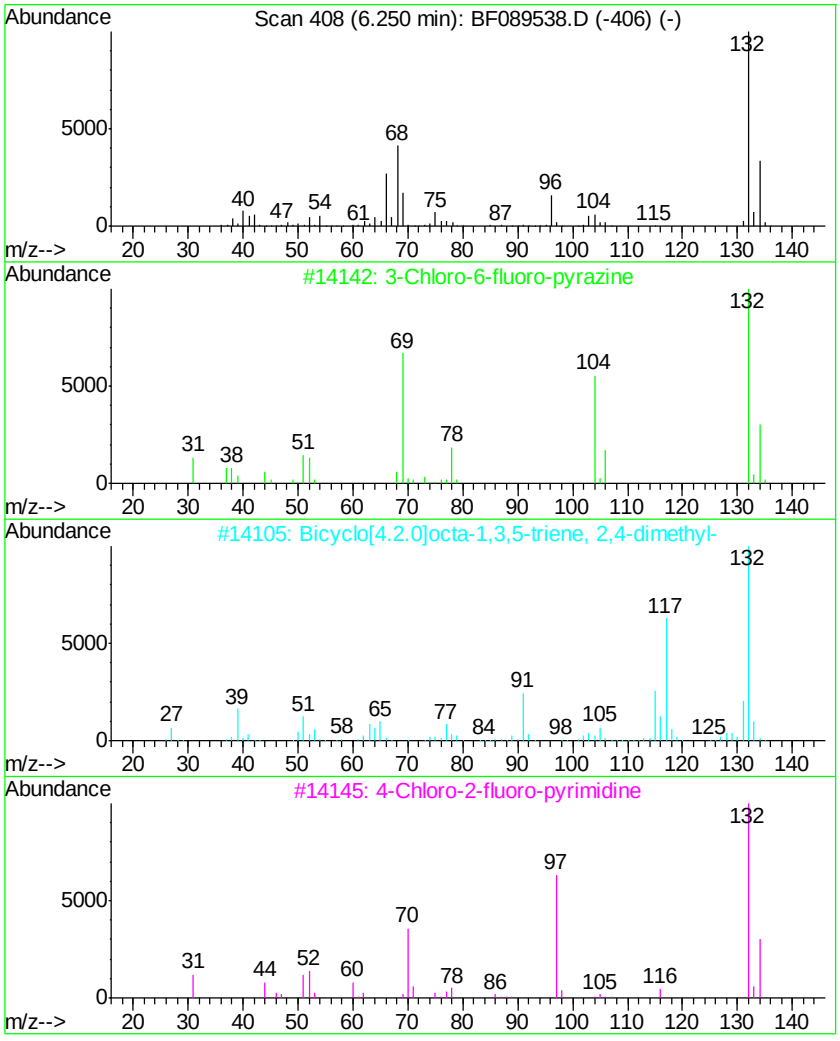
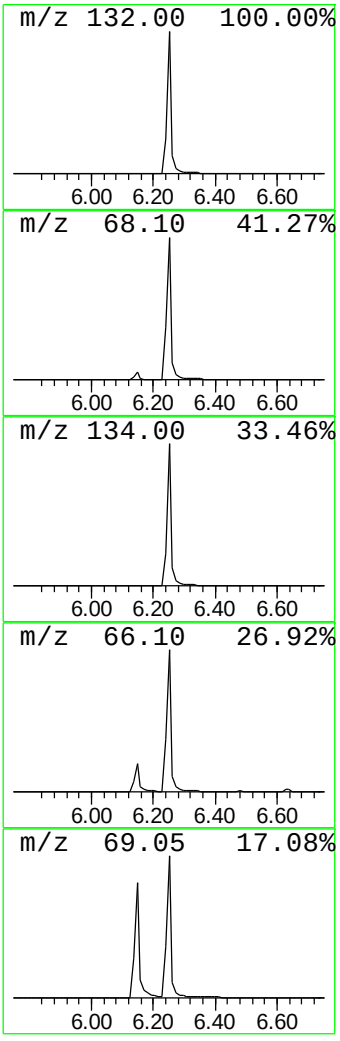
Peak Number 3 unknown6.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	109.14 ng	1191240	1,4-Dichlorobenzene-d4	6.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
ClientSampleId : SB-67-5.5-6.5

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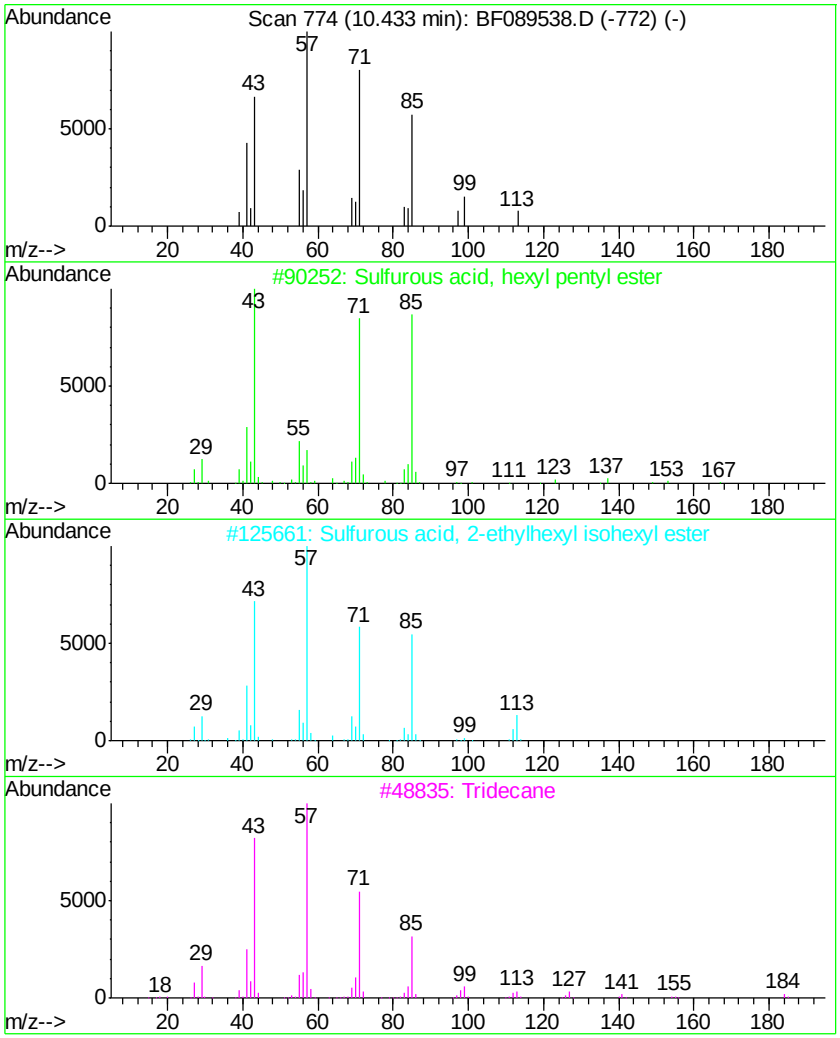
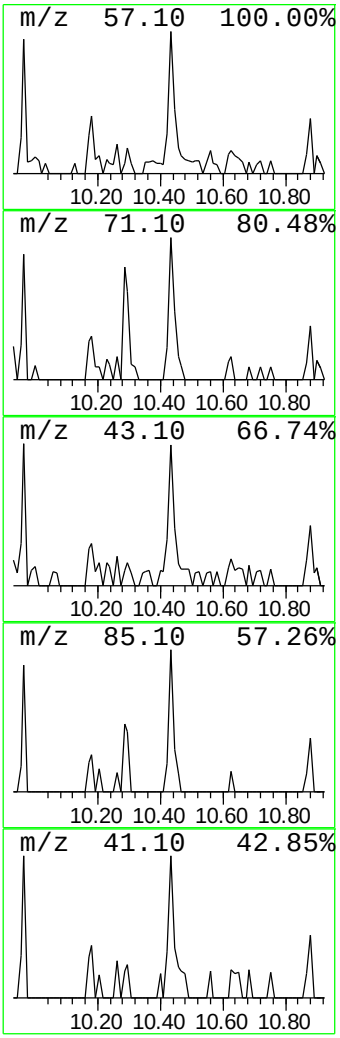
Peak Number 5 Sulfurous acid, hexyl penty... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.29 ng	27497	Phenanthrene-d10	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	80
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	72





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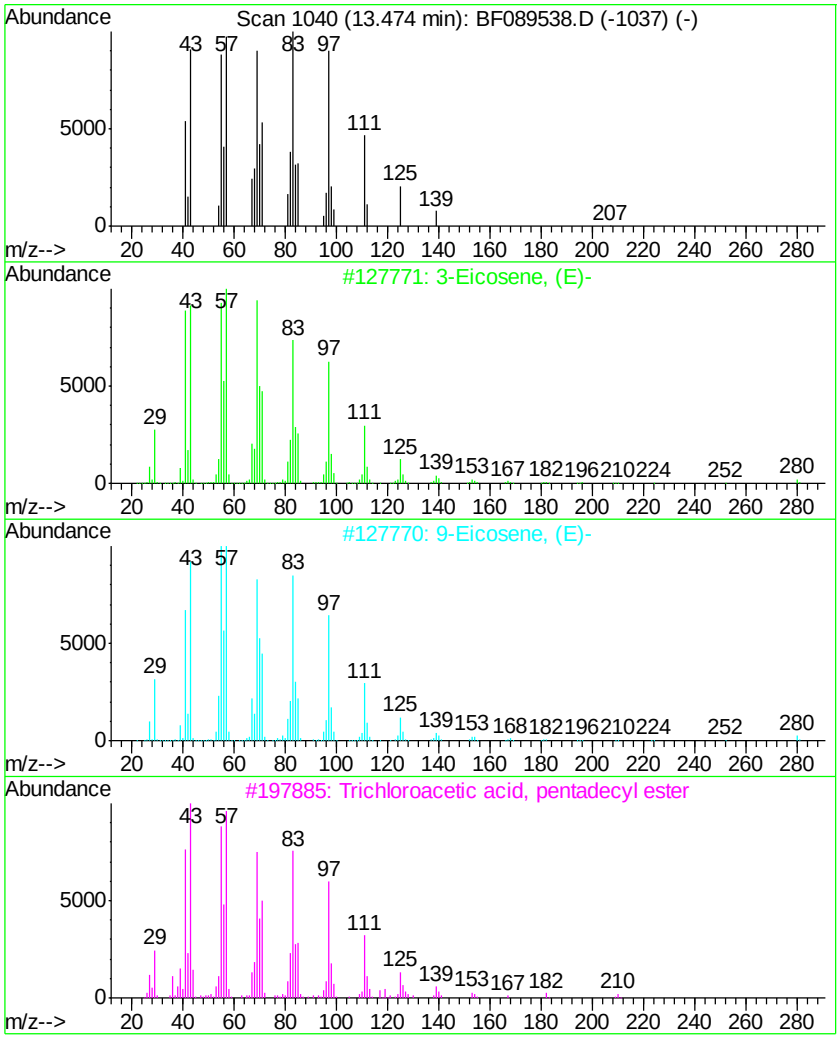
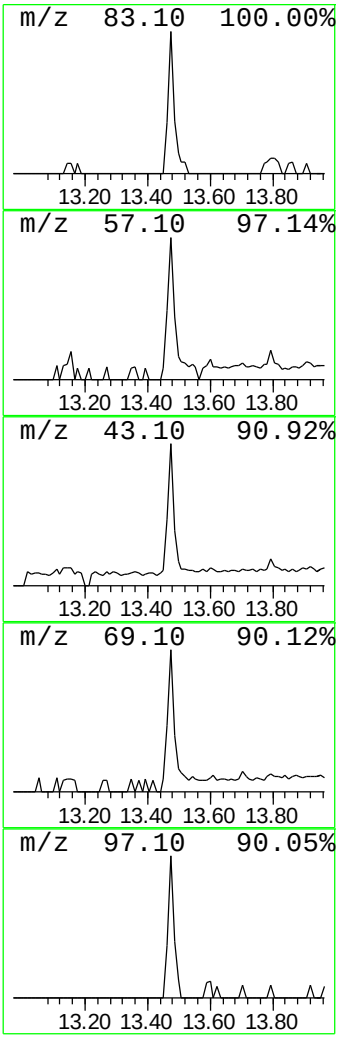
Peak Number 7 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	4.19 ng	60216	Chrysene-d12	13.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	86





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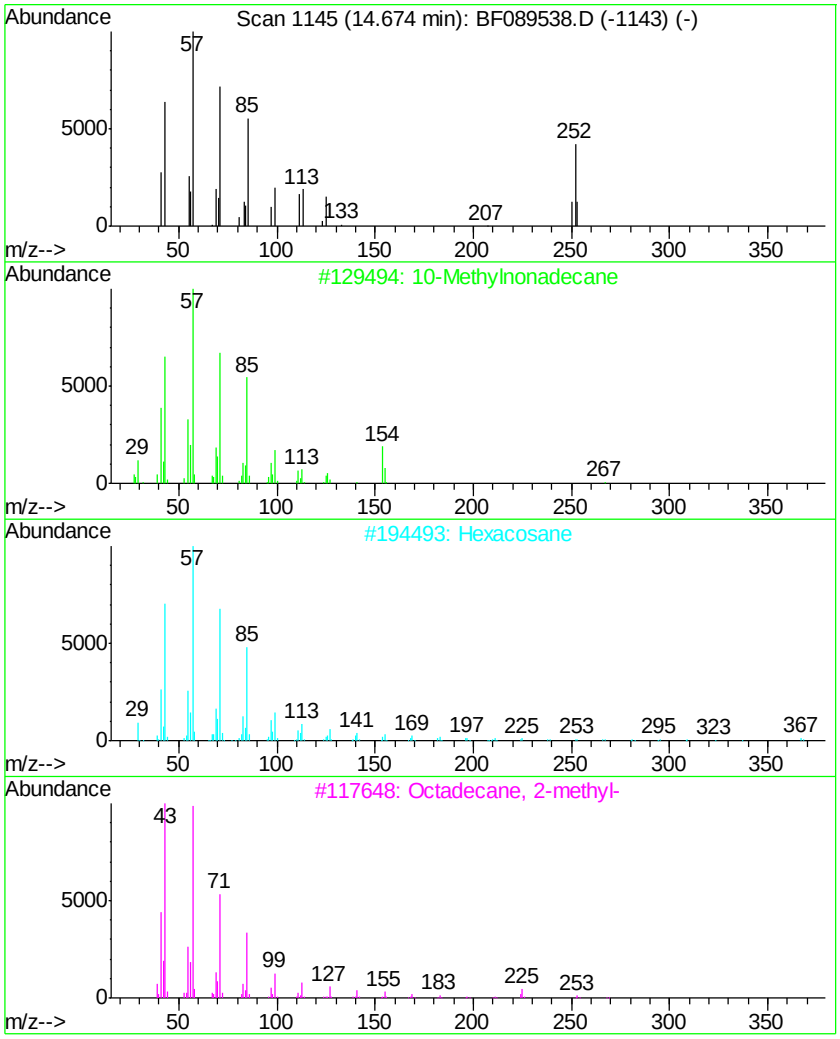
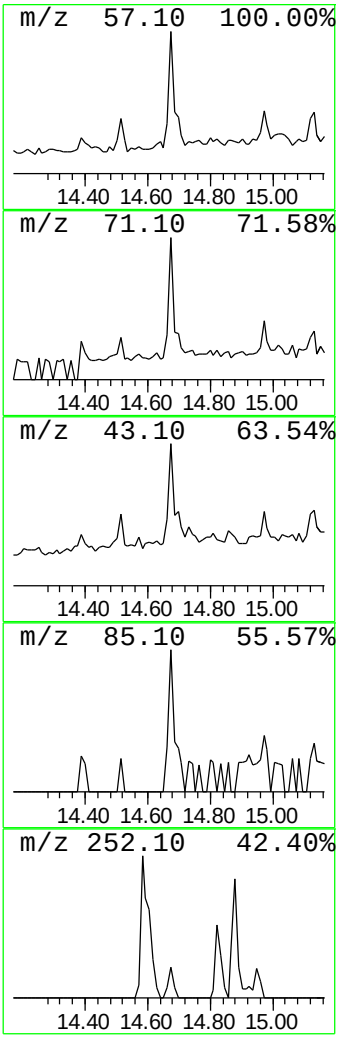
Peak Number 9 unknown14.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.30 ng	26826	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	49
2	Hexacosane	366	C26H54	000630-01-3	49
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	47
4	Hexadecane	226	C16H34	000544-76-3	47
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	47





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TIC Library : C:\Database\NIST11.L
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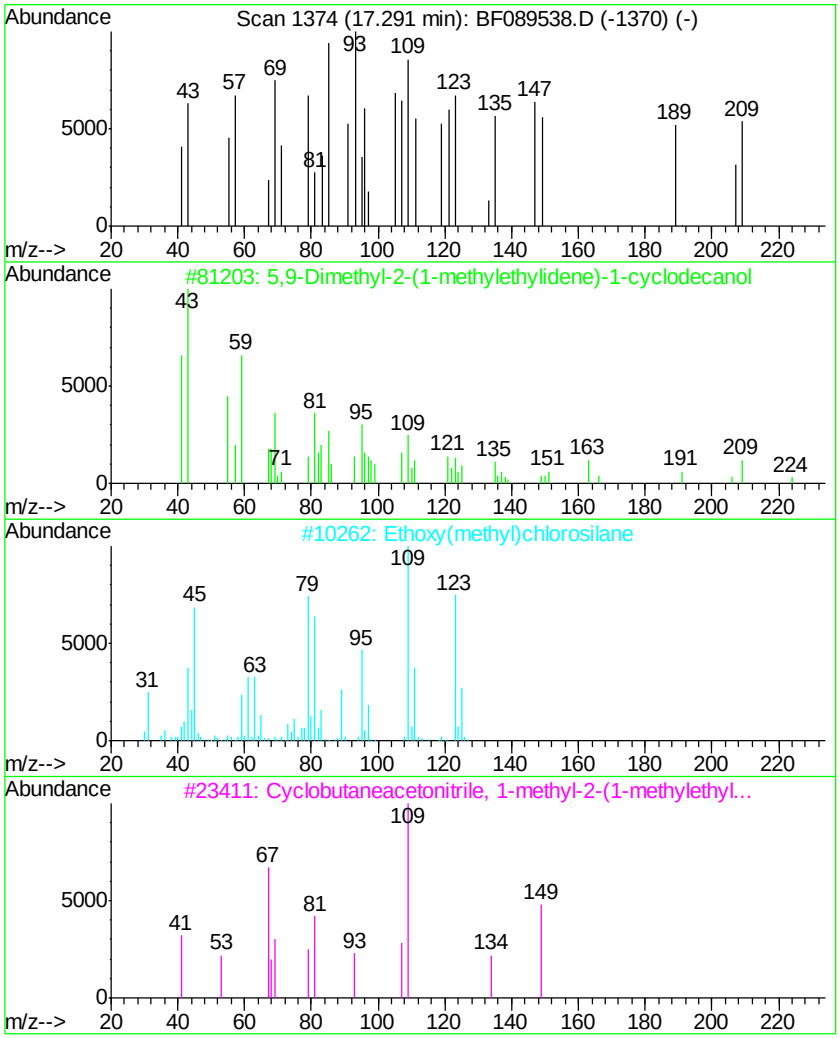
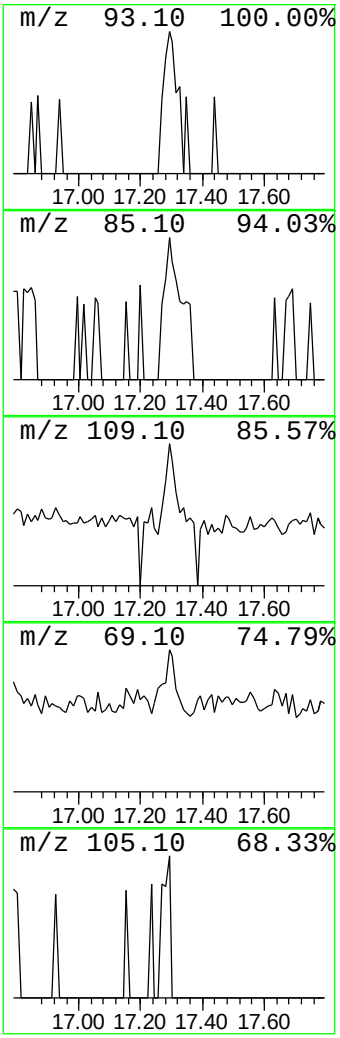
Peak Number 10 unknown17.29 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.24 ng	26150	Perylene-d12	14.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,9-Dimethyl-2-(1-methylethylide...	224	C15H28O	069239-72-1	28
2	Ethoxy(methyl)chlorosilane	124	C3H9ClOSi	018191-33-8	14
3	Cyclobutaneacetonitrile, 1-methy...	149	C10H15N	055760-14-0	9
4	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	9
5	2,2-Dimethylpropanoic acid, trid...	280	C18H32O2	1000299-33-8	9





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...	4.57	30.0	ng	327300	1	6.48	218301	20.0
unknown6.25	6.25	109.1	ng	1191240	1	6.48	218301	20.0
Sulfurous acid, h...	10.43	2.3	ng	27497	4	10.98	240581	20.0
3-Eicosene, (E)-	13.47	4.2	ng	60216	5	13.60	287144	20.0
unknown14.67	14.67	2.3	ng	26826	6	14.93	233267	20.0
unknown17.29	17.29	2.2	ng	26150	6	14.93	233267	20.0