LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090823.D
Acq On : 25 Oct 2016 22:28
Operator : UM/SJ
Sample : H5394-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SIDEWELL-SOUTH

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-BF102116.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	4.978	251	253	264	rBV	576211	1104977	14.92%	2.125%
2	5.401	287	290	293	rBV	3992446	5253472	70.93%	10.103%
3	6.441	378	381	384	rBV	3528162	4399602	59.41%	8.461%
4	6.567	389	392	395	rBV	4344447	4786317	64.63%	9.205%
5	6.796	410	412	423	rBV	989059	1007863	13.61%	1.938%
6	6.956	423	426	428	rBV	4272048	4272487	57.69%	8.217%
7	7.367	459	462	464	rBV	2649473	3015534	40.72%	5.799%
8	8.087	522	525	527	rBV	1245862	1354081	18.28%	2.604%
9	9.162	616	619	622	rBV	4577042	6663064	89.97%	12.814%
10	9.562	651	654	656	rBV	1026763	928066	12.53%	1.785%
11	9.836	676	678	681	rBV	1912024	1794099	24.22%	3.450%
12	10.636	745	748	750	rBV2	3235744	4349262	58.73%	8.365%
13	10.750	756	758	763	rVB	103392	122441	1.65%	0.235%
14	11.322	806	808	812	rBV	1782557	1625053	21.94%	3.125%
15	11.562	826	829	833	rBV	52900	80853	1.09%	0.155%
16	12.796	934	937	945	rVB	190687	248460	3.35%	0.478%
17	12.922	945	948	950	rBV	5540220	7406064	100.00%	14.243%
18	13.402	987	990	995	rBV2	172372	526543	7.11%	1.013%
19	13.471	995	996	1002	rVB2	35460	77903	1.05%	0.150%
20	13.814	1024	1026	1036	rBV	518810	580710	7.84%	1.117%
21	13.962	1036	1039	1041	rBV	1215781	1213371	16.38%	2.334%
22	14.808	1111	1113	1116	rVB	208693	223986	3.02%	0.431%
23	15.380	1160	1163	1166	rBV	803804	962453	13.00%	1.851%

Sum of corrected areas: 51996661

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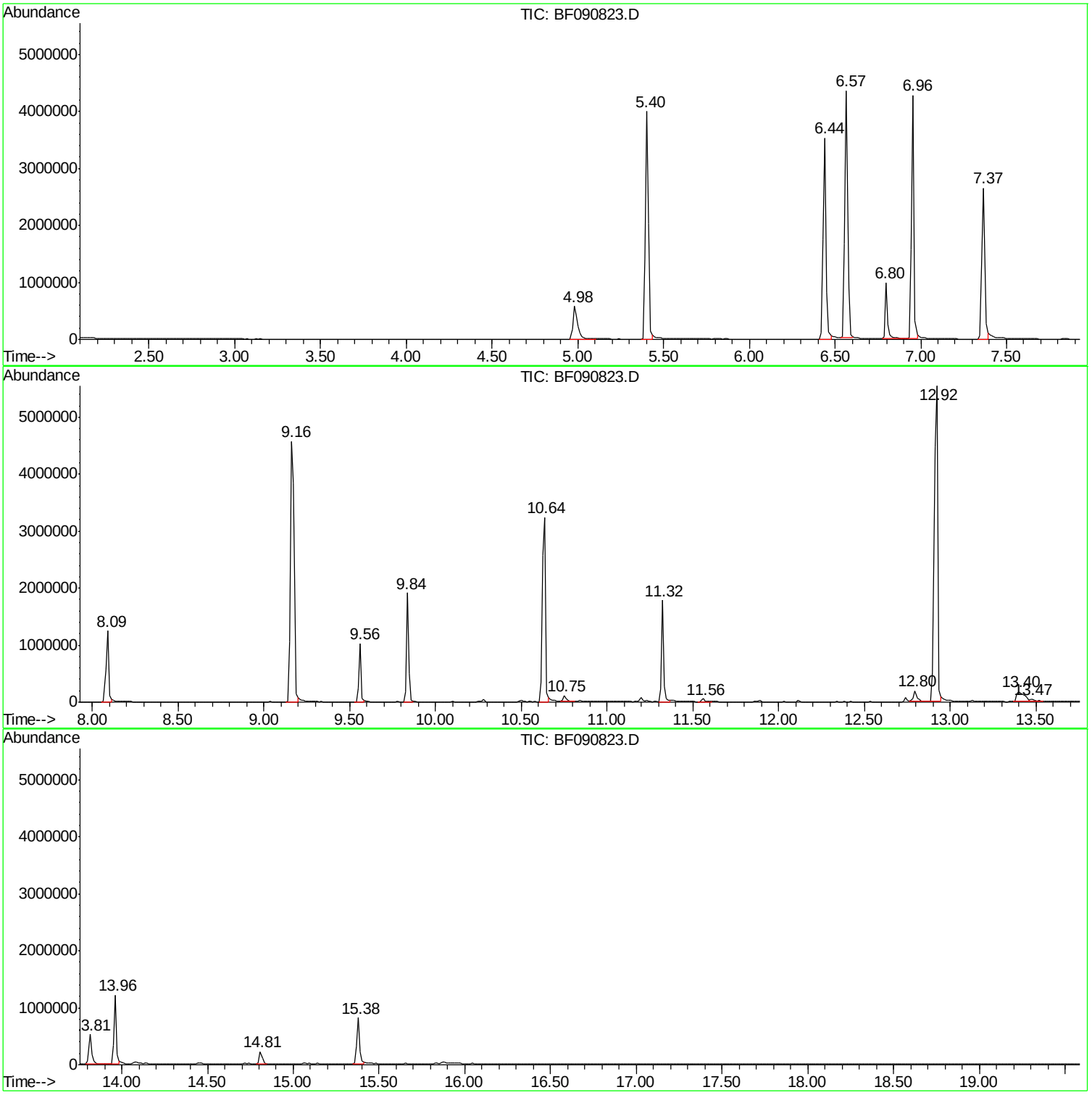
SIDEWELL-SOUTH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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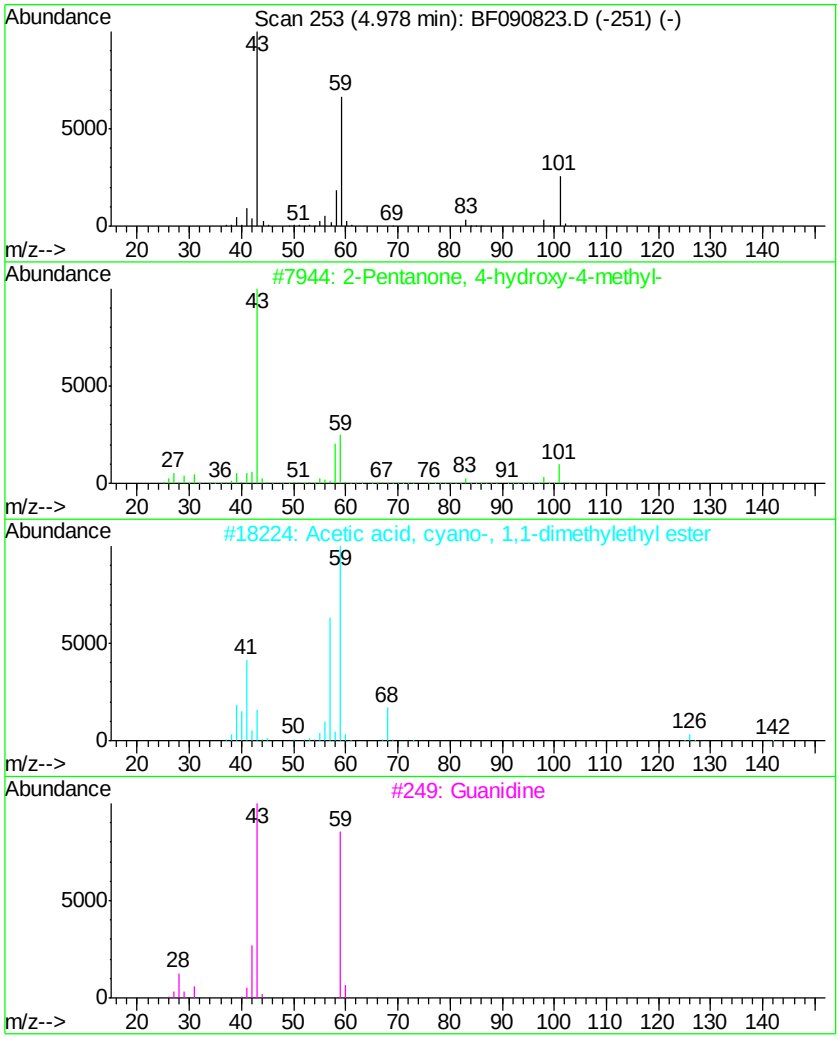
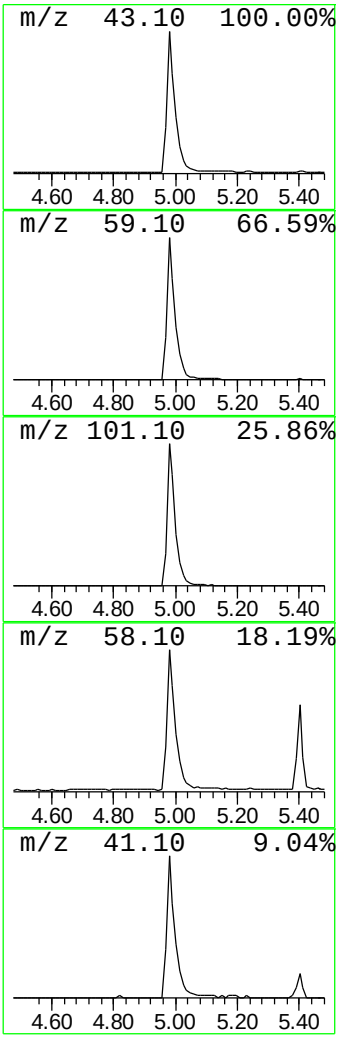
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	21.93 ng	1104980	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Guanidine	59	CH5N3	000113-00-8	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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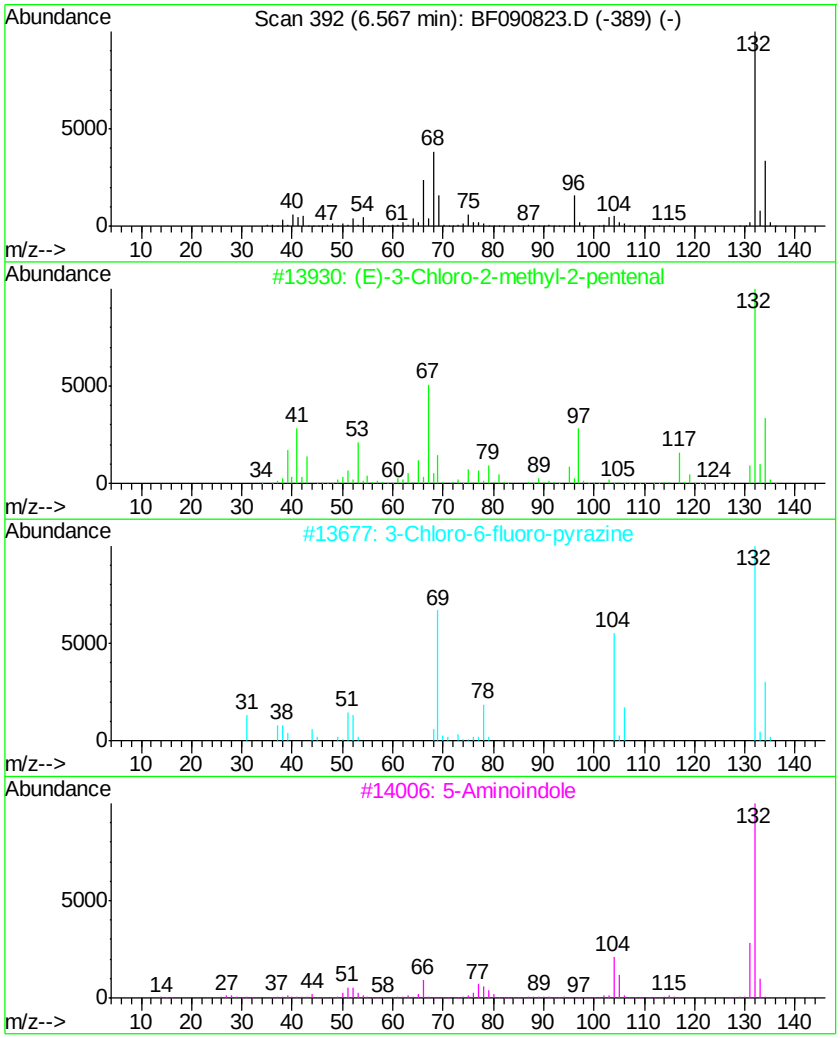
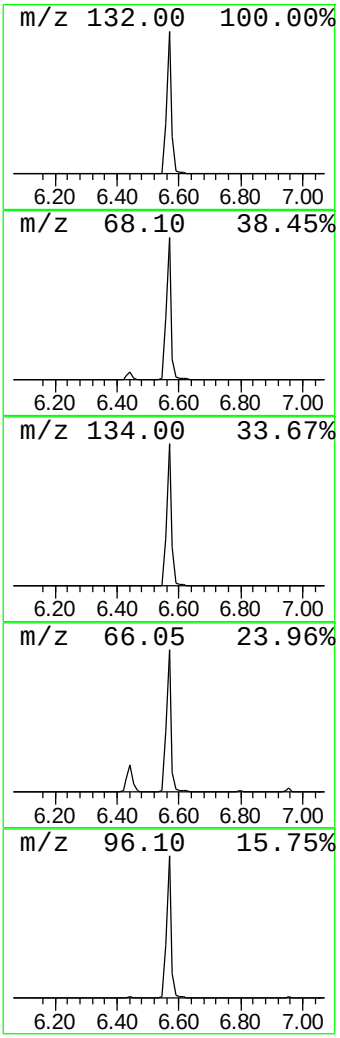
Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	94.98 ng	4786320	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
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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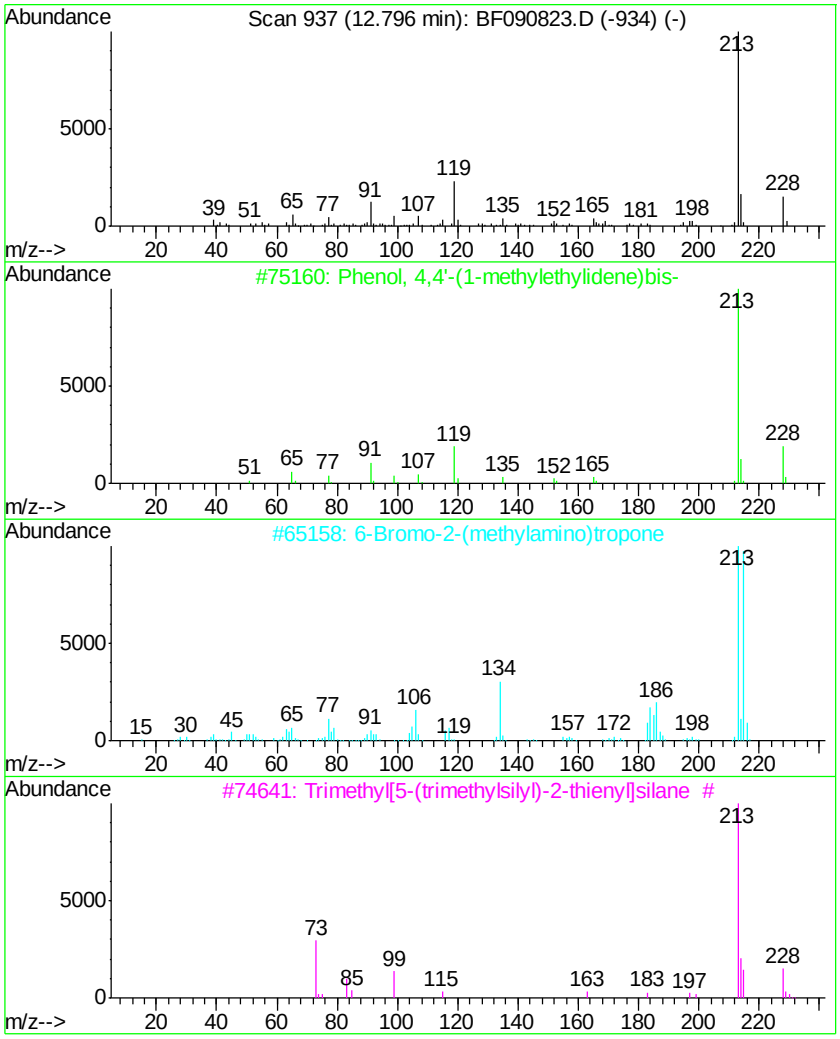
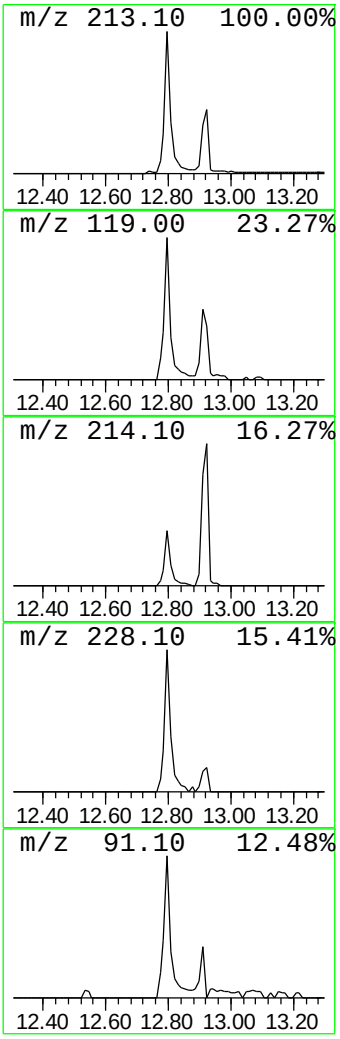
Peak Number 4 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.10 ng	248460	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	6-Bromo-2-(methylamino)tropone	213	C8H8BrNO	1000241-43-1	50
3	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	42
4	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	42
5	4H-Pyrazolo[5,1-c]-1,4-benzodiaz...	213	C11H7N3O2	1000277-20-1	42





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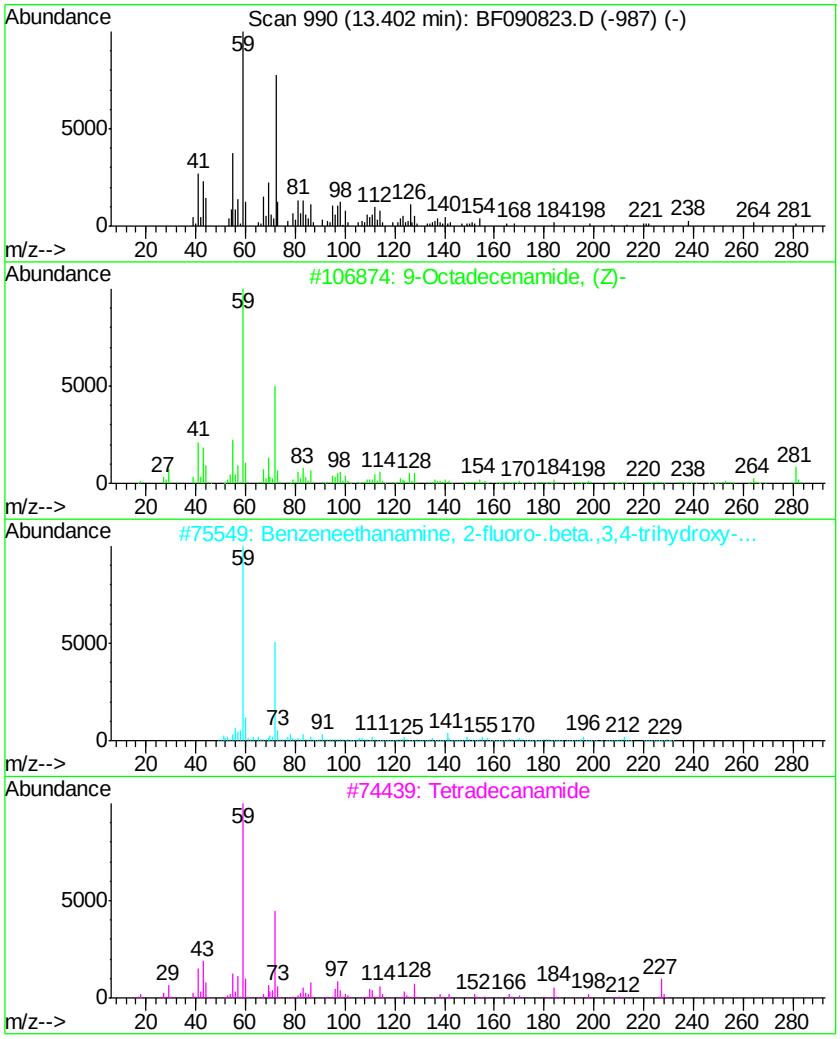
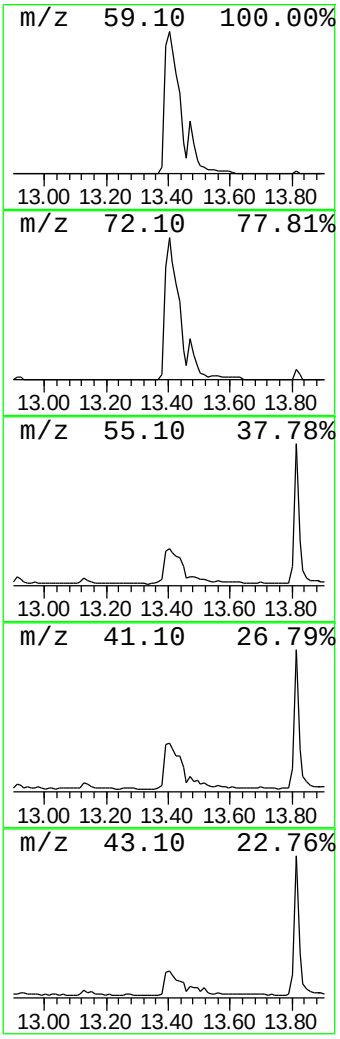
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	8.68 ng	526543	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	50
4	Hexadecanamide	255	C16H33NO	000629-54-9	45
5	Dodecanamide	199	C12H25NO	001120-16-7	38





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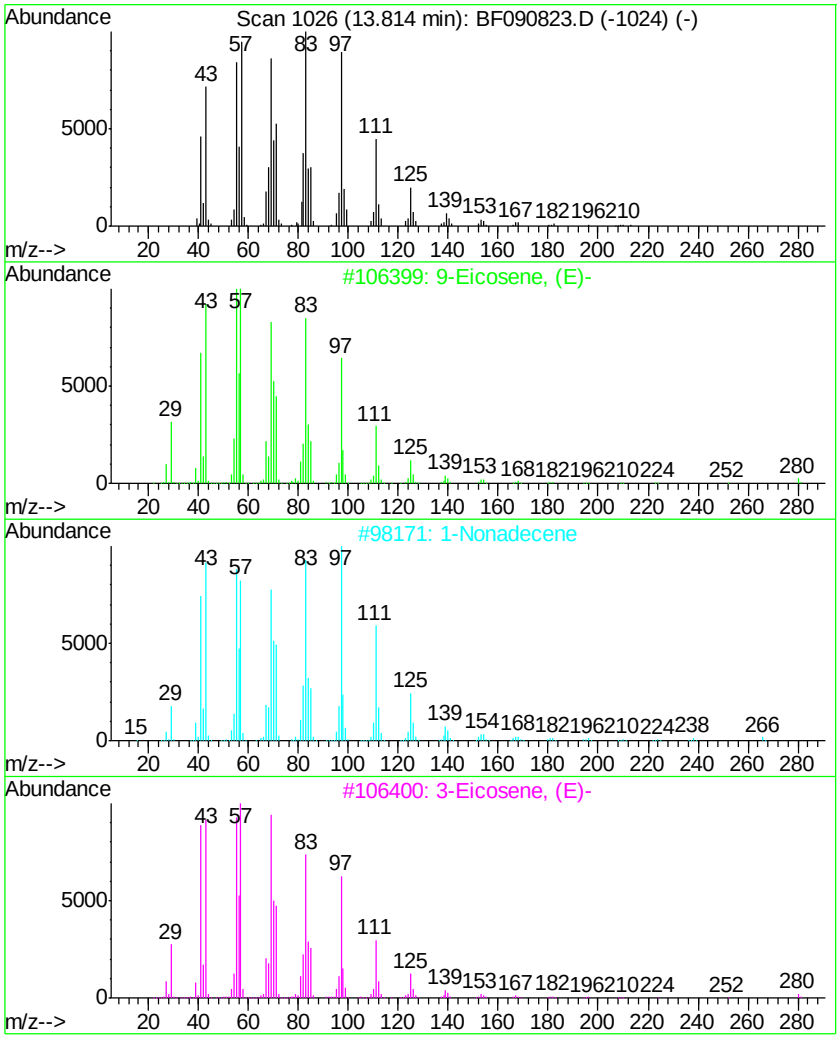
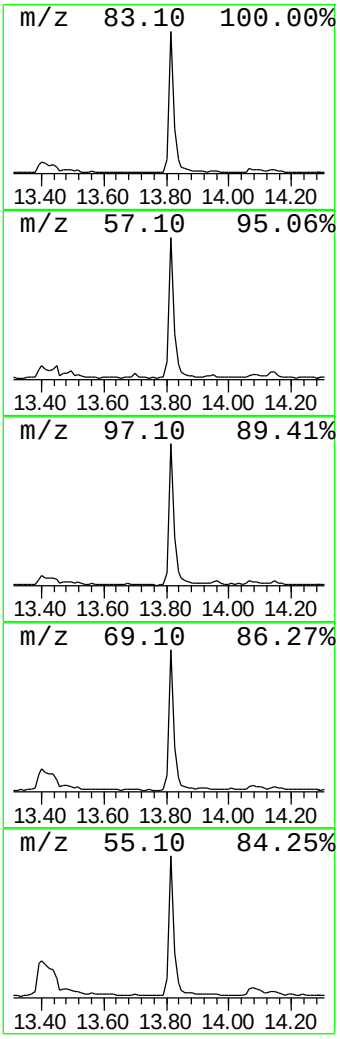
Peak Number 6 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	9.57 ng	580710	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





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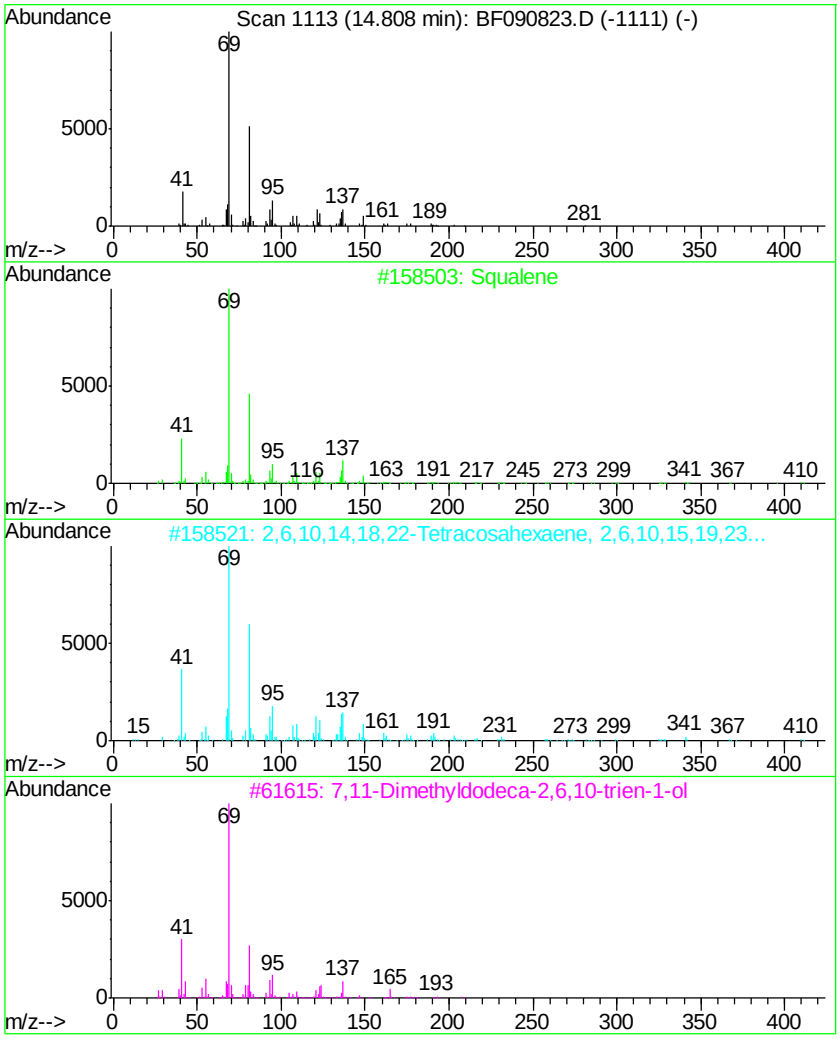
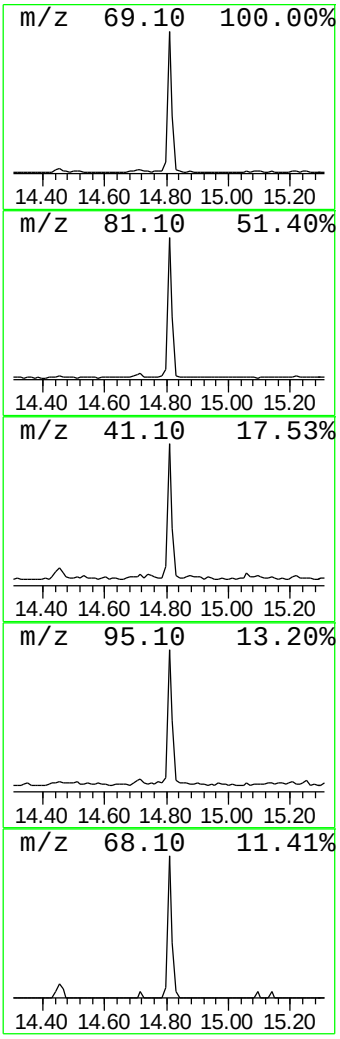
Peak Number 7 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.65 ng	223986	Perylene-d12	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	21.9	ng	1104980	1	6.80	1007860	20.0
unknown6.57	6.57	95.0	ng	4786320	1	6.80	1007860	20.0
Phenol, 4,4'-(1-m...	12.80	4.1	ng	248460	5	13.96	1213370	20.0
9-Octadecenamide,...	13.40	8.7	ng	526543	5	13.96	1213370	20.0
9-Eicosene, (E)-	13.81	9.6	ng	580710	5	13.96	1213370	20.0
Squalene	14.81	4.7	ng	223986	6	15.38	962453	20.0