LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085911.D
Acq On : 31 Mar 2016 4:53
Operator : UM/SJ
Sample : H2049-06
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EAST-SIDE-WALL-8BGL

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-BF032416.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	4.984	235	236	242	rBV	48142	90163	2.85%	0.362%
2	5.396	270	272	289	rBV	2635240	2779045	87.78%	11.163%
3	6.436	360	363	366	rBV	2254890	2630042	83.07%	10.564%
4	6.562	372	374	377	rBV	2347653	2866612	90.54%	11.514%
5	6.802	393	395	397	rBV	430068	582517	18.40%	2.340%
6	6.950	406	408	411	rBV	2248533	2200913	69.52%	8.840%
7	7.362	442	444	447	rBV	1569640	1804175	56.98%	7.247%
8	8.082	505	507	510	rBV	916064	773037	24.42%	3.105%
9	9.156	599	601	604	rBV	2192060	3166095	100.00%	12.717%
10	9.556	634	636	638	rBV	315093	254577	8.04%	1.023%
11	9.773	653	655	657	rBV	48682	43356	1.37%	0.174%
12	9.842	658	661	663	rVB	557183	765408	24.18%	3.074%
13	10.265	697	698	700	rVB	56150	64264	2.03%	0.258%
14	10.493	714	718	721	rBV	23237	43342	1.37%	0.174%
15	10.631	727	730	732	rBV	1639009	1837259	58.03%	7.380%
16	10.745	738	740	747	rVB	78997	105695	3.34%	0.425%
17	11.316	788	790	793	rBV	741367	696485	22.00%	2.798%
18	11.853	835	837	845	rBV	116219	140123	4.43%	0.563%
19	12.905	926	929	931	rBV	2426863	2250489	71.08%	9.040%
20	13.808	1005	1008	1018	rBV	161384	366591	11.58%	1.472%
21	13.957	1018	1021	1023	rVV	552122	540877	17.08%	2.173%
22	14.048	1027	1029	1032	rVB	39664	42133	1.33%	0.169%
23	14.791	1091	1094	1096	rVB	280205	297108	9.38%	1.193%
24	15.374	1142	1145	1148	rBV	362098	521235	16.46%	2.094%
25	17.443	1319	1326	1330	rBV7	8227	34418	1.09%	0.138%

Sum of corrected areas: 24895959

LSC Report - Integrated Chromatogram

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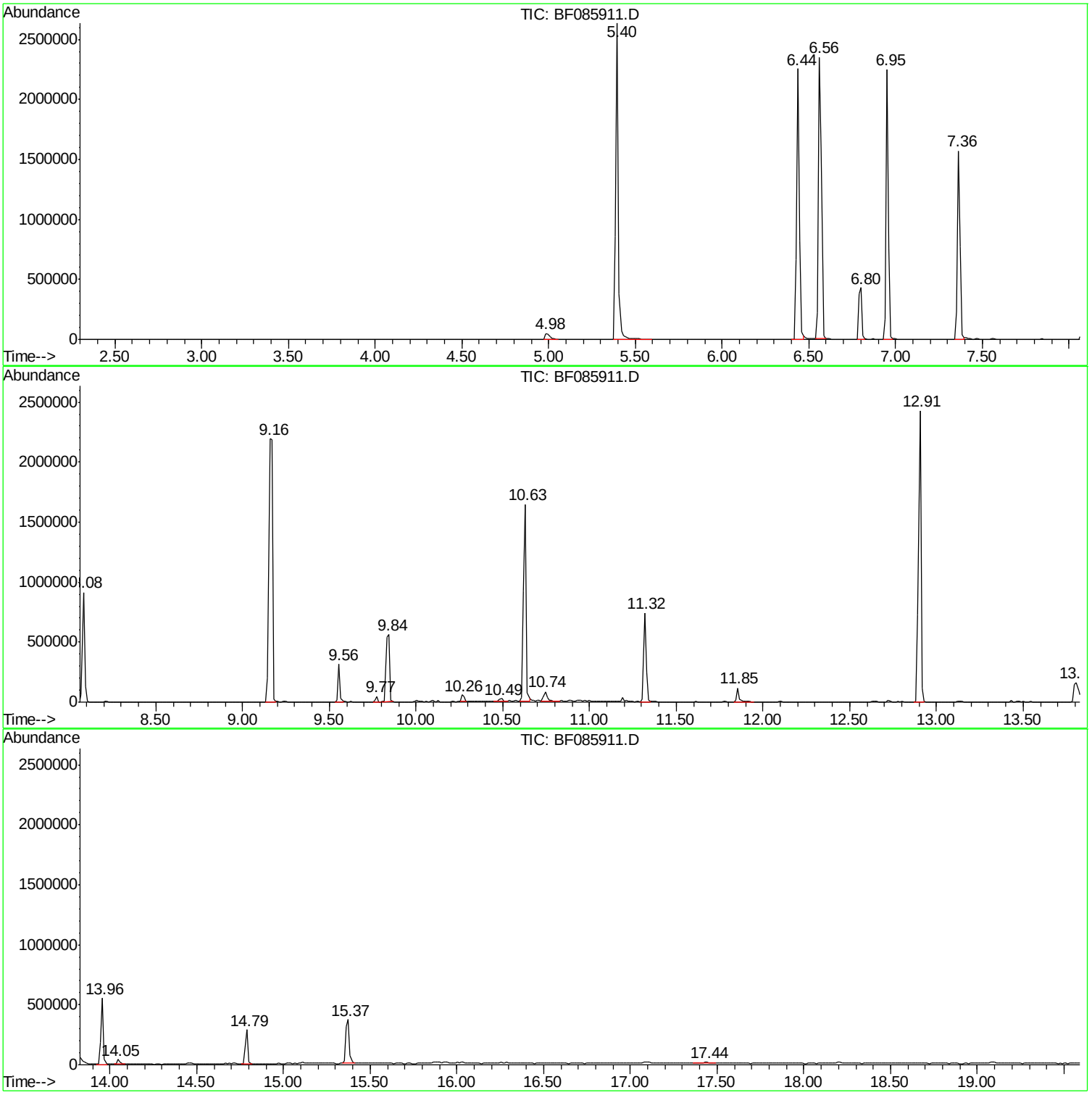
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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

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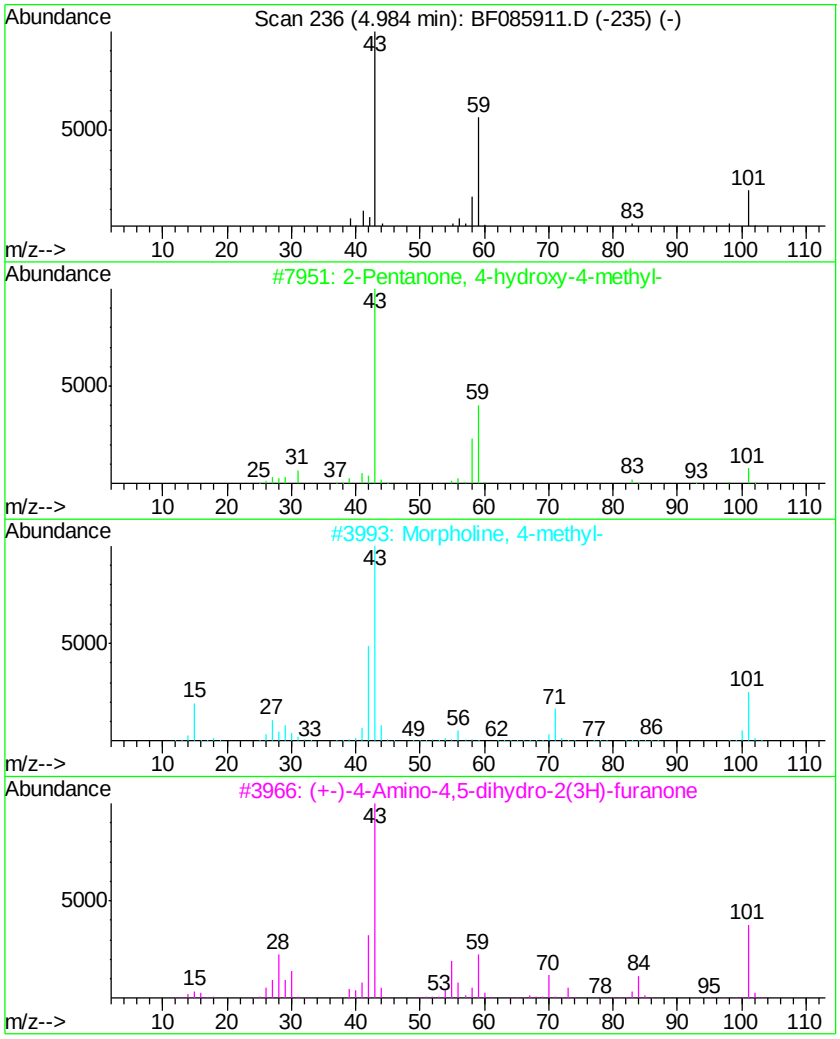
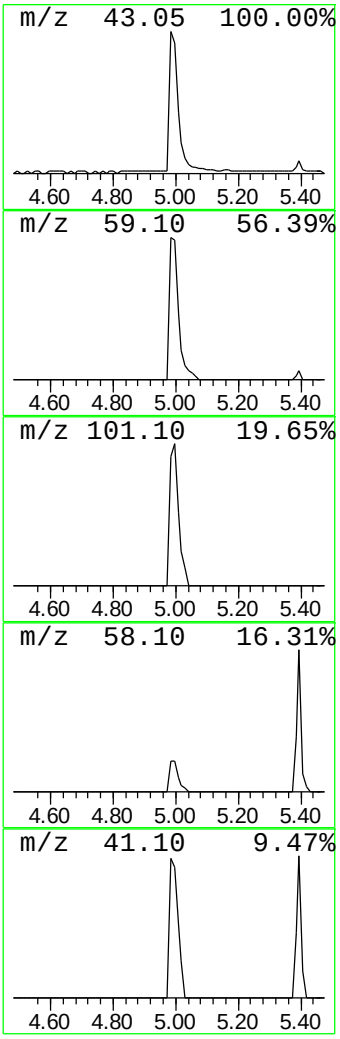
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.10 ng	90163	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	42
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Acetone	58	C3H6O	000067-64-1	9





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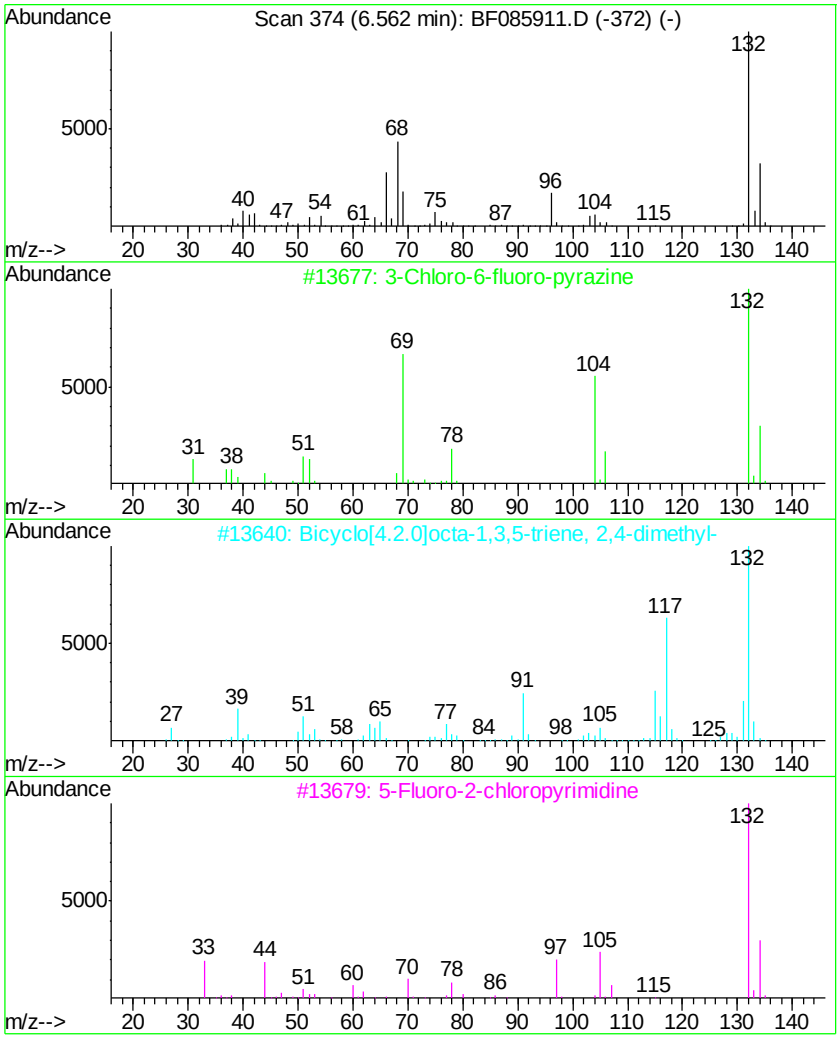
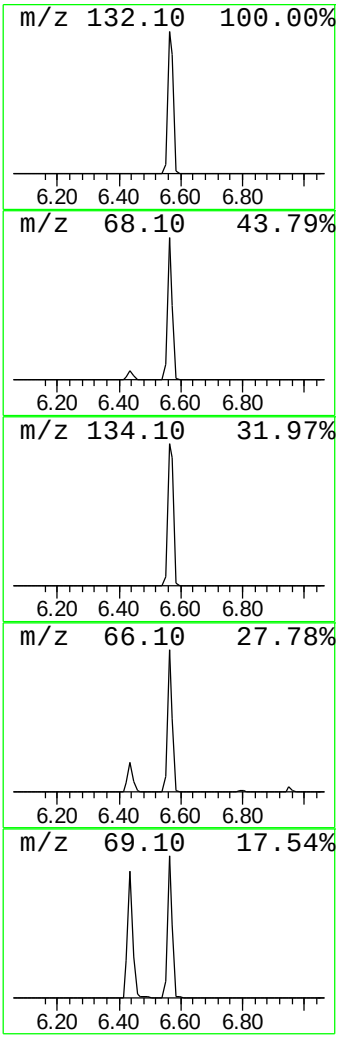
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	98.42 ng	2866610	1,4-Dichlorobenzene-d4	6.80

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : H2049-06
Misc :
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Instrument :
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ClientSampleId :
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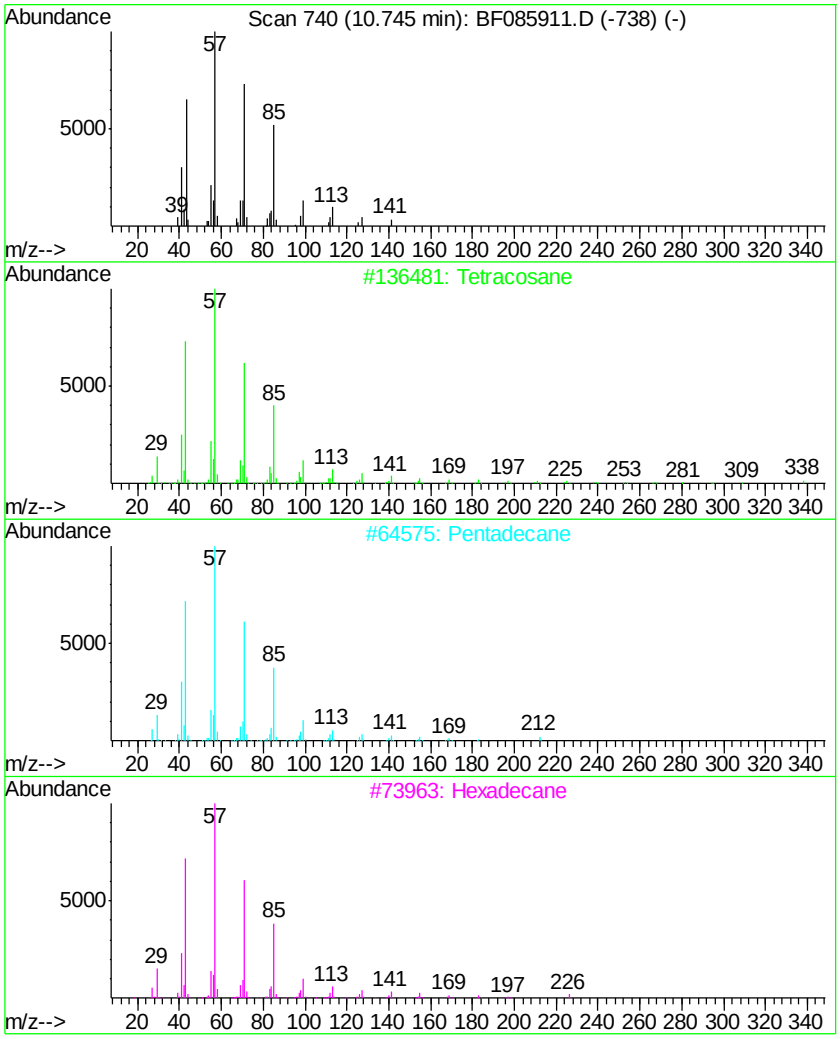
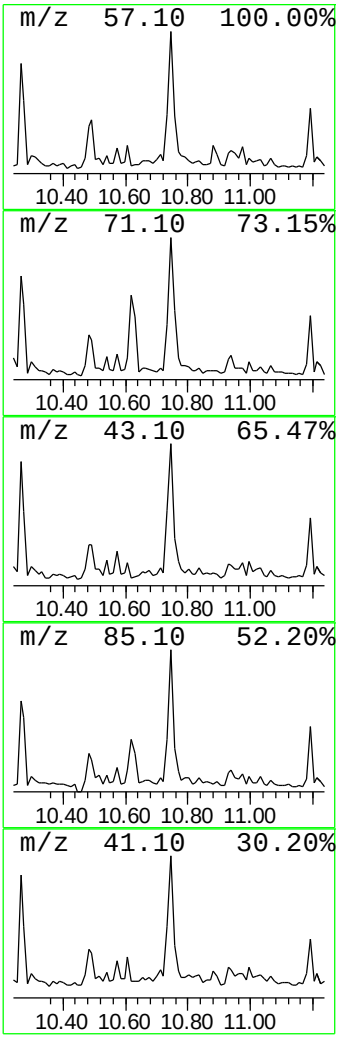
Peak Number 4 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.04 ng	105695	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





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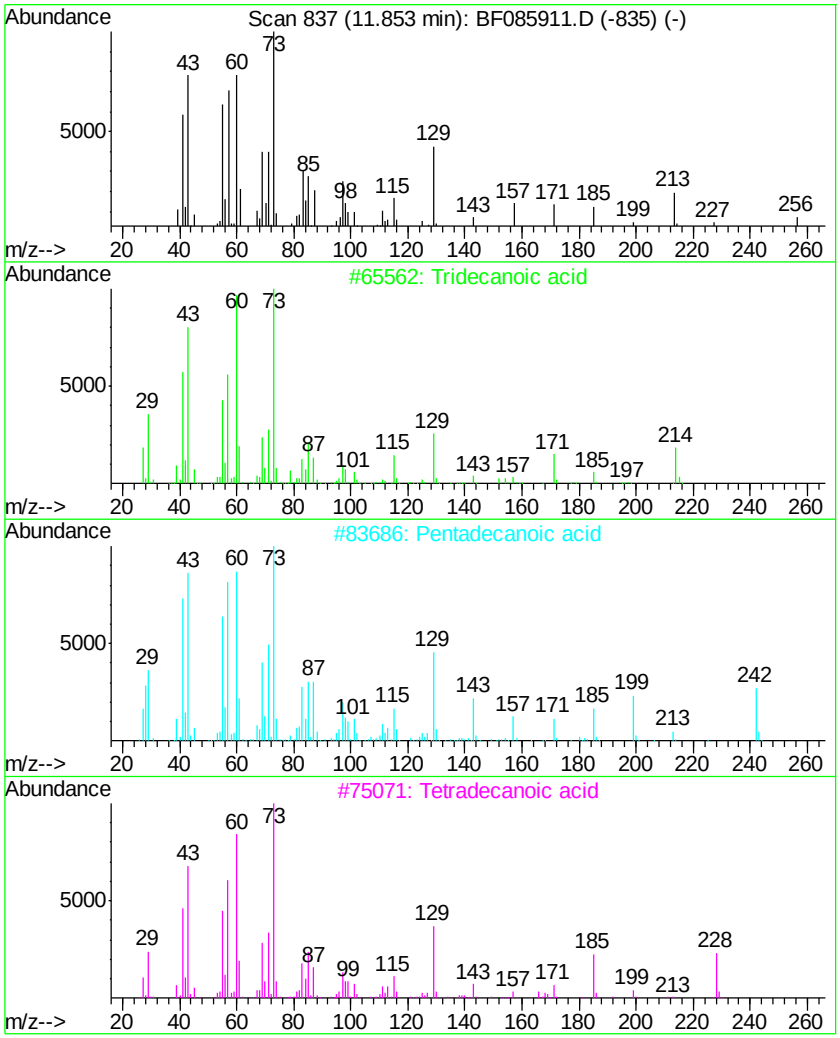
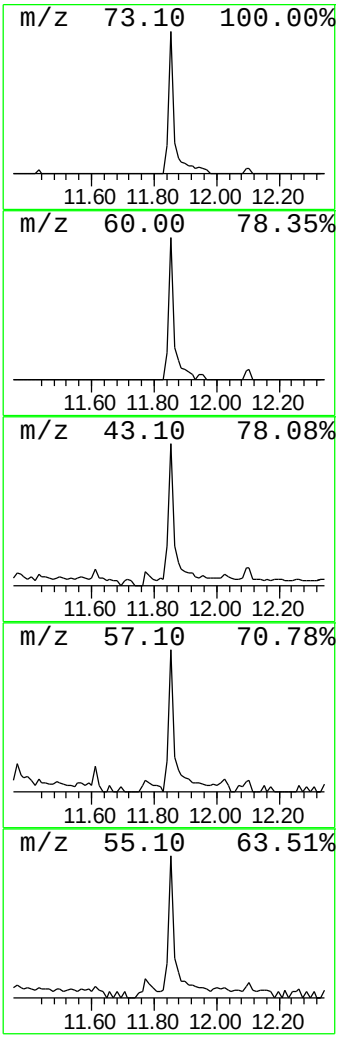
Peak Number 5 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.02 ng	140123	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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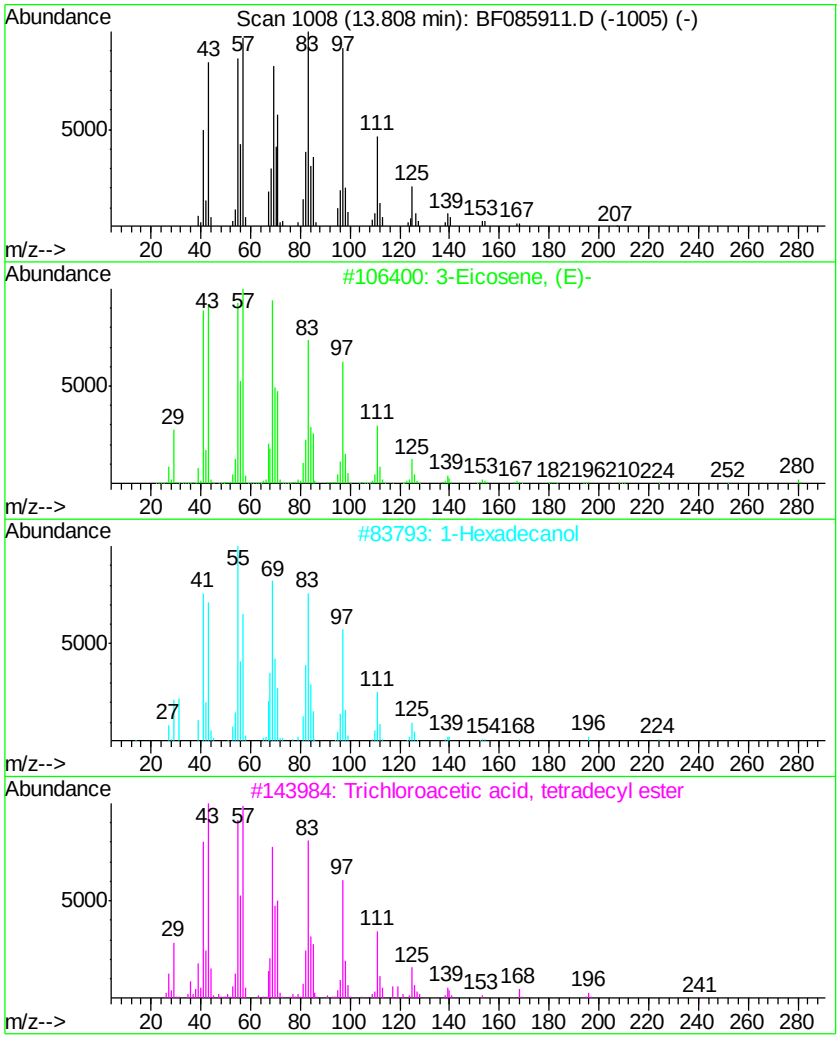
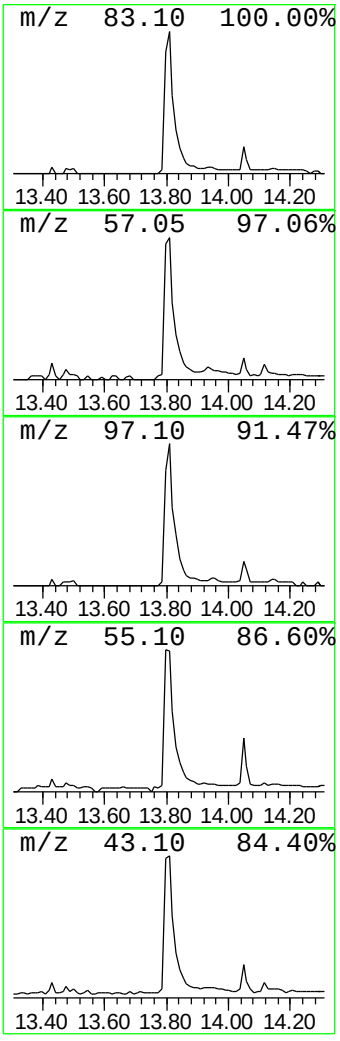
Peak Number 6 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	13.56 ng	366591	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	86





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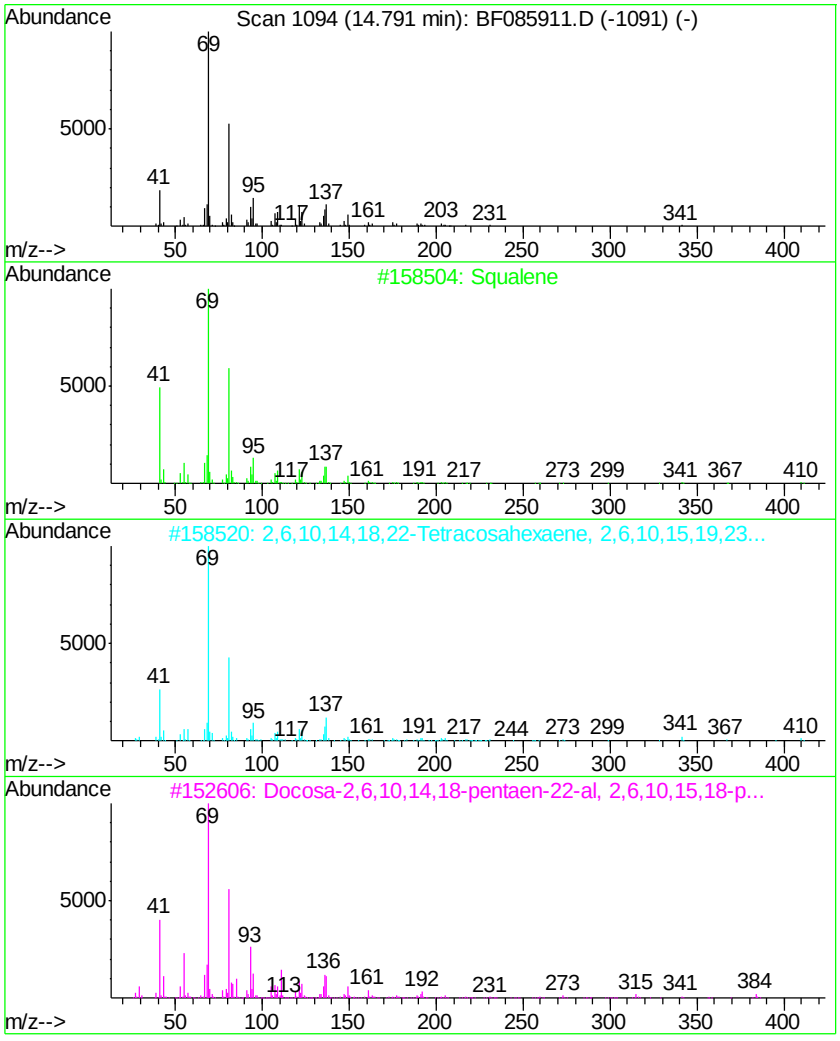
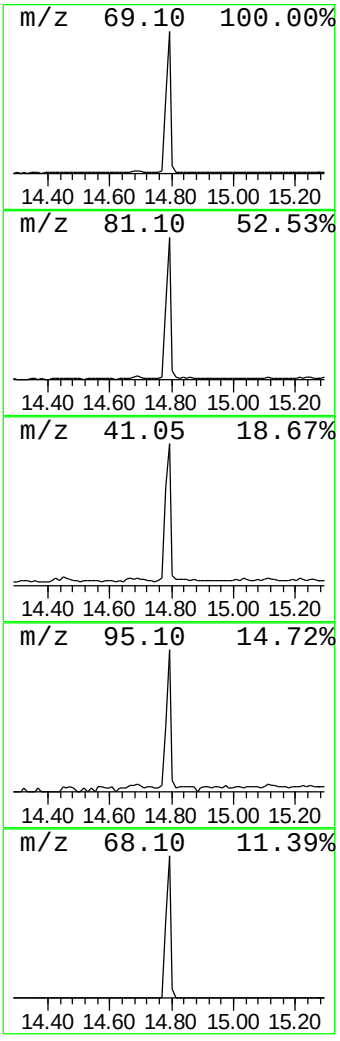
Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.40 ng	297108	Perylene-d12	15.37

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	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





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...	4.98	3.1	ng	90163	1	6.80	582517	20.0
unknown6.56	6.56	98.4	ng	2866610	1	6.80	582517	20.0
Tetracosane	10.74	3.0	ng	105695	4	11.32	696485	20.0
Tridecanoic acid	11.85	4.0	ng	140123	4	11.32	696485	20.0
3-Eicosene, (E)-	13.81	13.6	ng	366591	5	13.96	540877	20.0
Squalene	14.79	11.4	ng	297108	6	15.37	521235	20.0