LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090736.D
Acq On : 22 Oct 2016 3:17
Operator : UM/SJ
Sample : H5308-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-106S

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	2.440	7	9	33	rVB4	15095	123119	1.67%	0.234%
2	5.046	235	237	243	rBV	299659	457476	6.20%	0.870%
3	5.457	271	273	276	rBV	2256148	2514707	34.09%	4.783%
4	6.486	361	363	372	rBV	1685975	1798980	24.38%	3.422%
5	6.623	372	375	377	rBV	4914020	5112828	69.30%	9.724%
6	6.852	393	395	406	rBV	1531004	1677389	22.74%	3.190%
7	7.012	406	409	411	rBV	4913572	4877864	66.12%	9.277%
8	7.423	442	445	447	rBV	3421114	4221515	57.22%	8.029%
9	8.143	505	508	510	rBV	1883727	2164250	29.33%	4.116%
10	9.218	599	602	605	rBV	6158180	7280111	98.68%	13.846%
11	9.606	634	636	639	rBV	229187	258944	3.51%	0.492%
12	9.892	658	661	664	rBV	2586794	2469146	33.47%	4.696%
13	10.681	727	730	733	rBV2	3102728	4695489	63.64%	8.930%
14	10.806	739	741	745	rVB	44100	79794	1.08%	0.152%
15	11.378	789	791	795	rBV	2356791	2200827	29.83%	4.186%
16	11.606	809	811	816	rBV	232569	271825	3.68%	0.517%
17	12.429	880	883	890	rBV	1218193	1385929	18.79%	2.636%
18	12.966	927	930	933	rBV	5432892	7377715	100.00%	14.032%
19	13.172	946	948	952	rBV2	43942	92530	1.25%	0.176%
20	13.412	967	969	975	rBV	247454	249264	3.38%	0.474%
21	13.869	1006	1009	1013	rBV	167206	255816	3.47%	0.487%
22	14.018	1018	1022	1024	rBV	1617700	1857152	25.17%	3.532%
23	15.447	1144	1147	1150	rBV	851442	1155921	15.67%	2.198%

Sum of corrected areas: 52578591

LSC Report - Integrated Chromatogram

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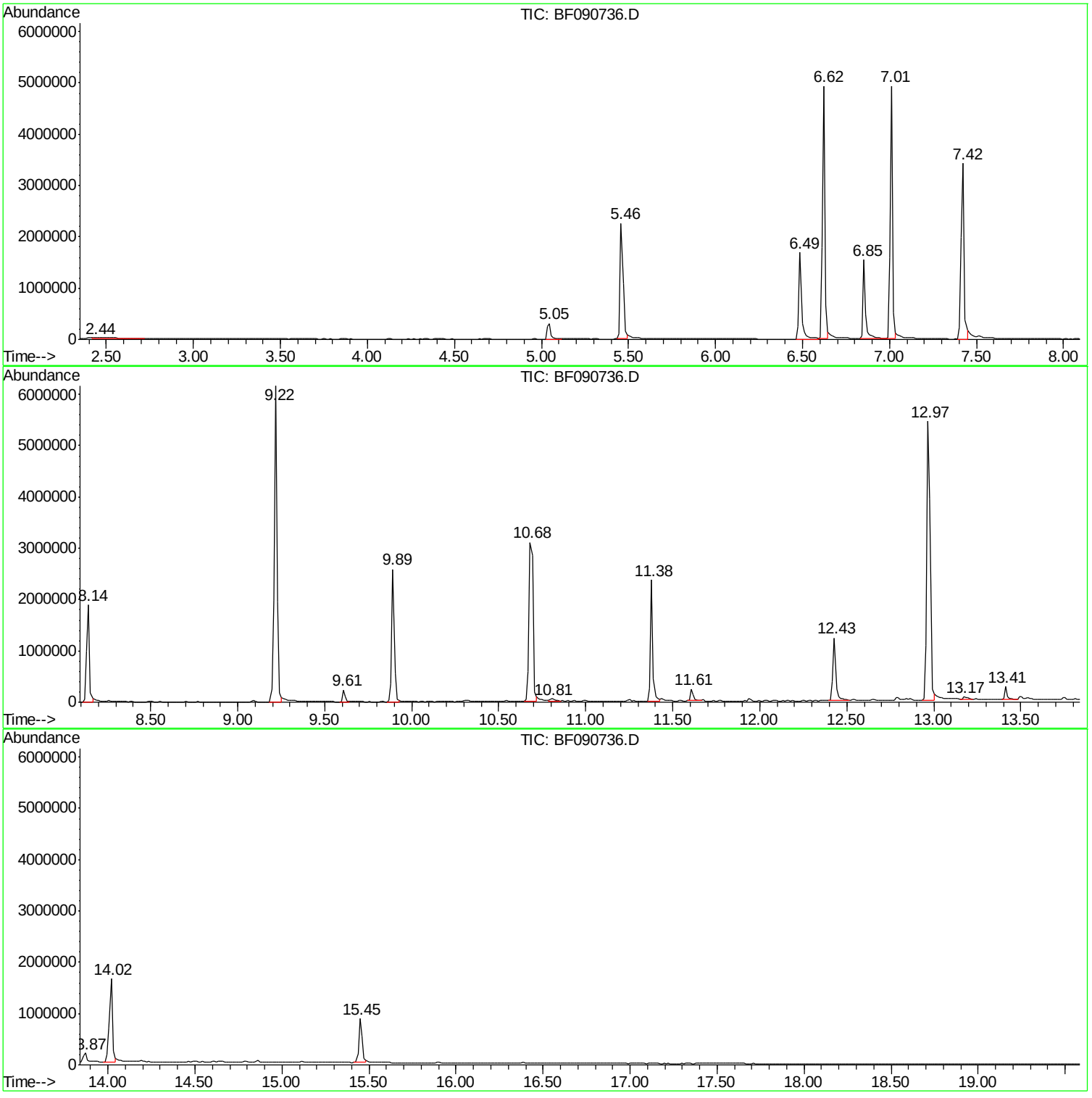
Instrument : BNA_F
ClientSampleId : MW-106S

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

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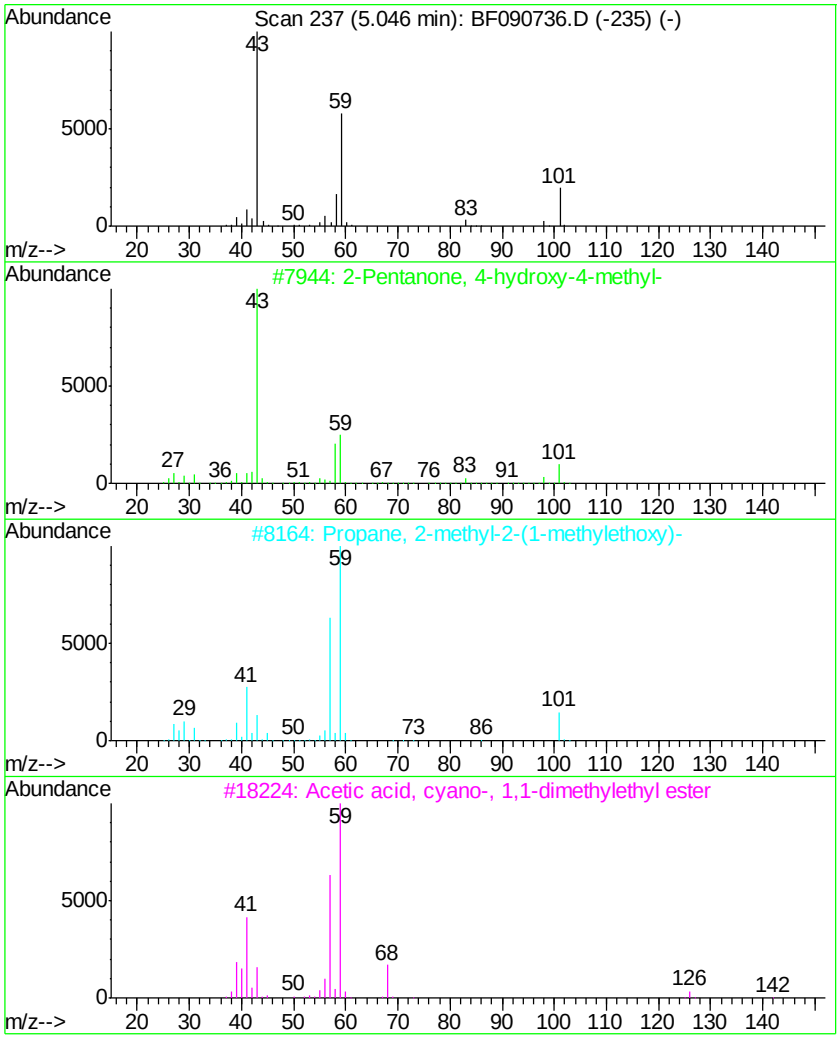
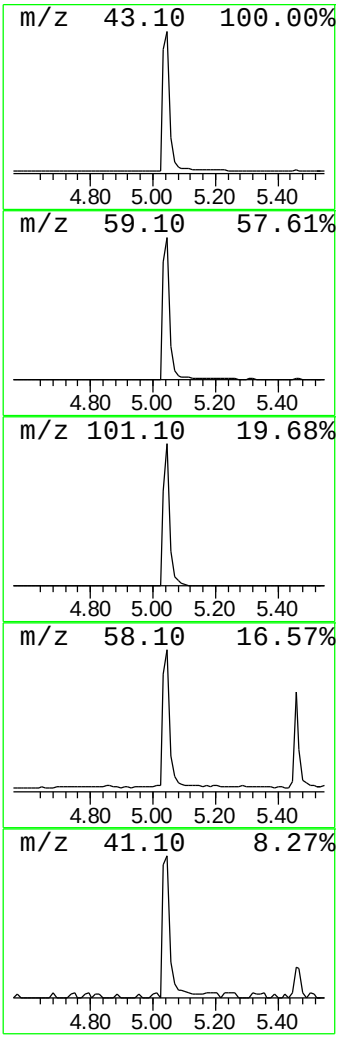
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	5.45 ng	457476	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : MW-106S

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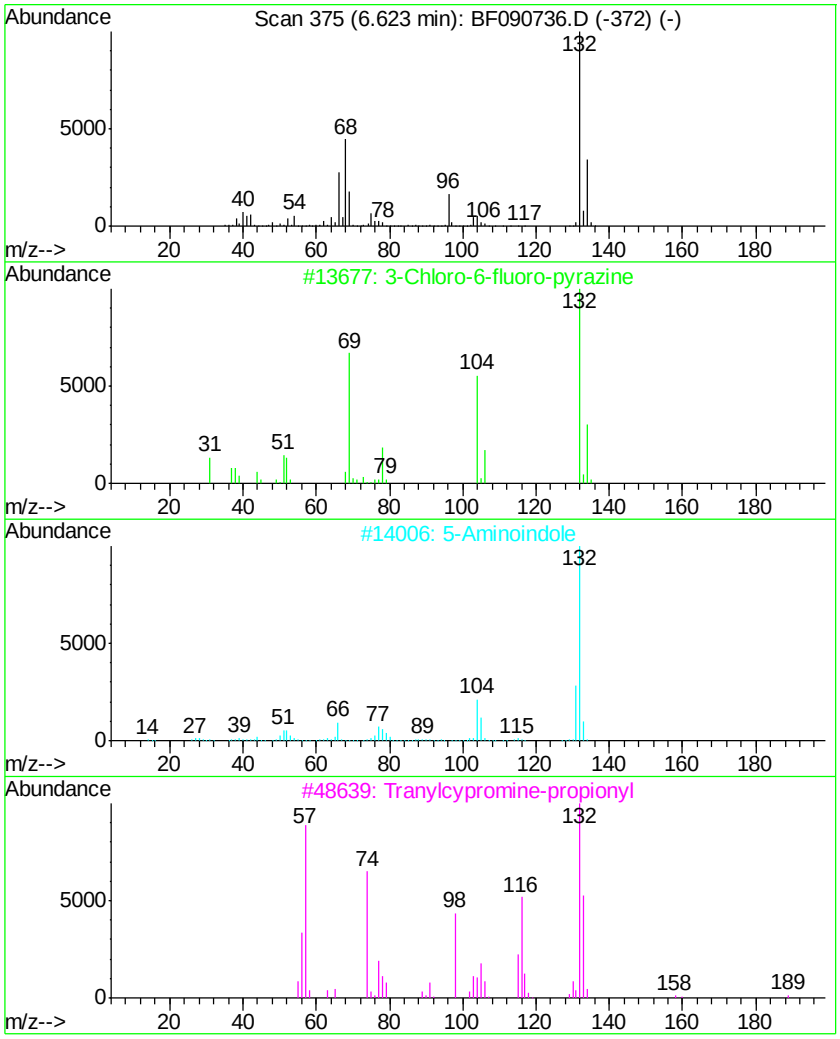
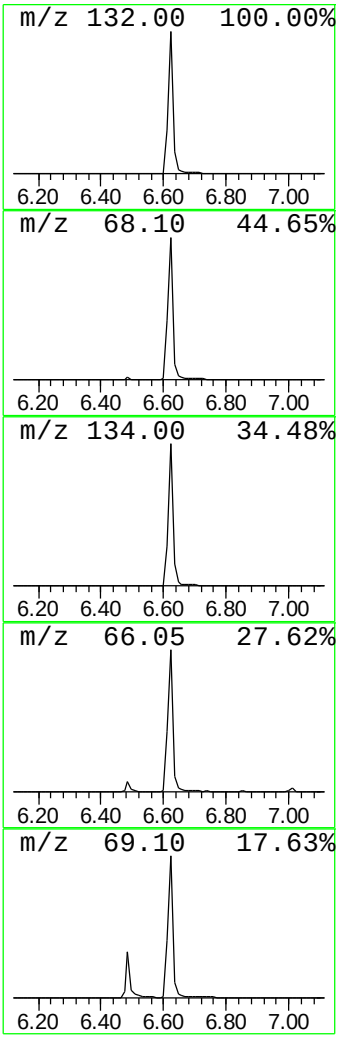
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	60.96 ng	5112830	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : UM/SJ
Sample : H5308-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-106S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
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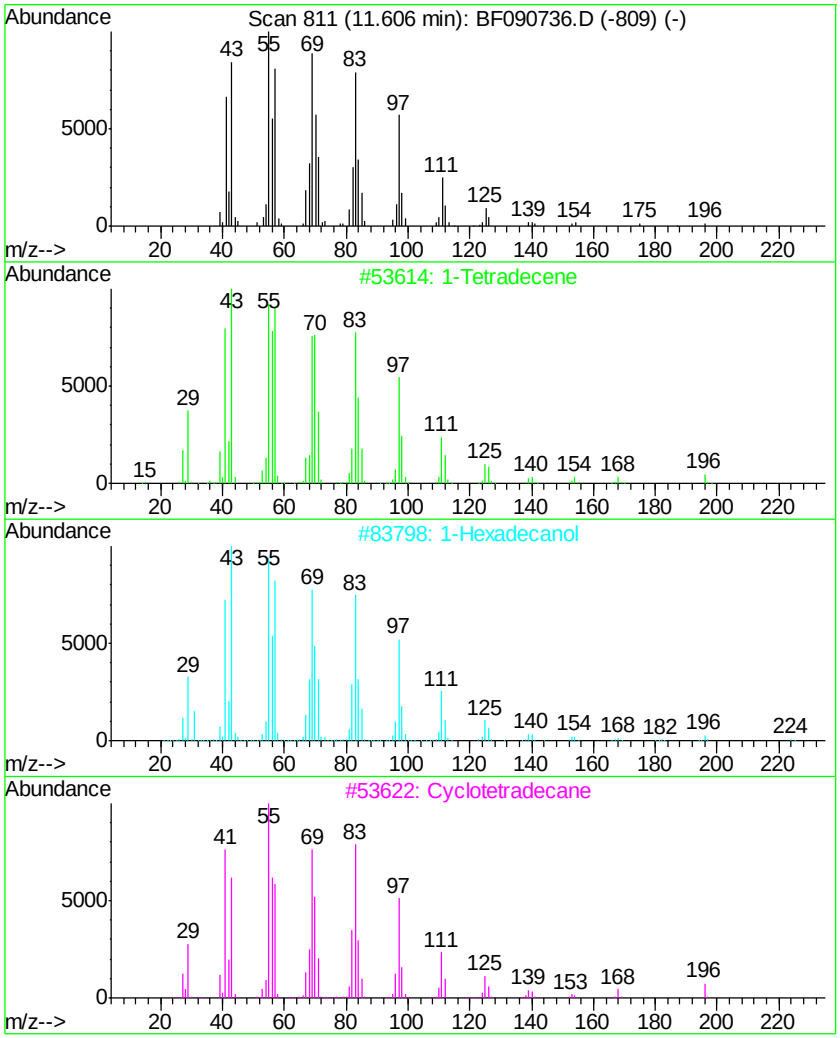
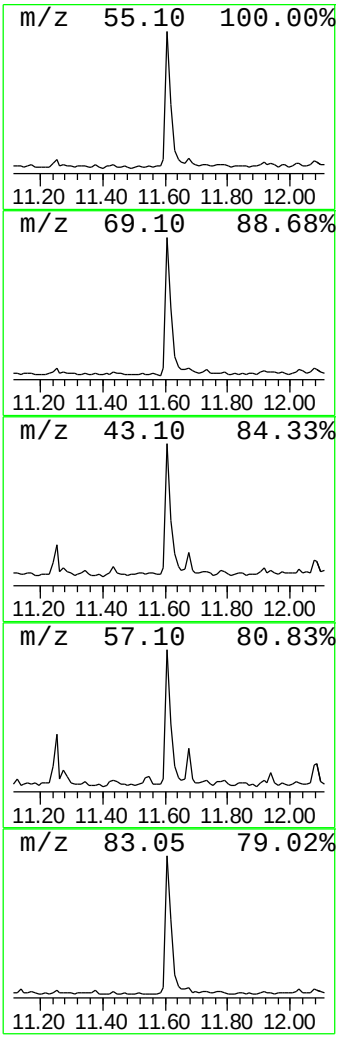
Peak Number 4 1-Tetradecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.47 ng	271825	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Cyclotetradecane	196	C14H28	000295-17-0	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	1-Tridecanol	200	C13H28O	000112-70-9	91





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-106S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
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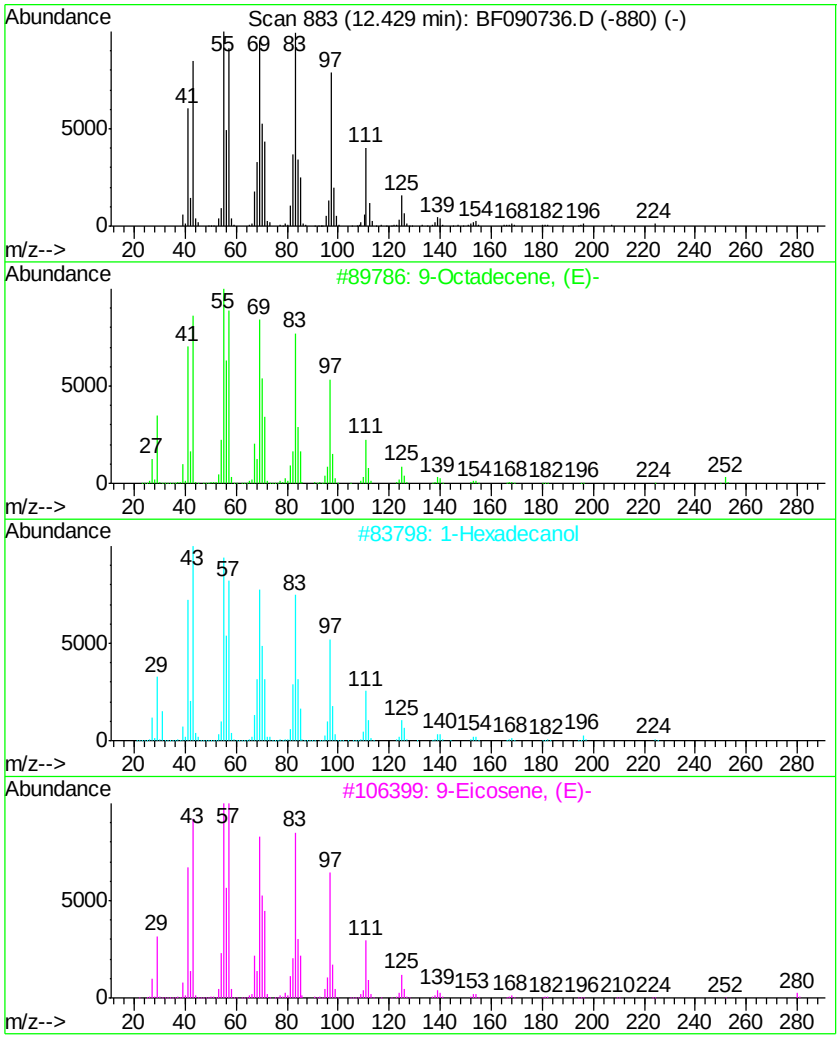
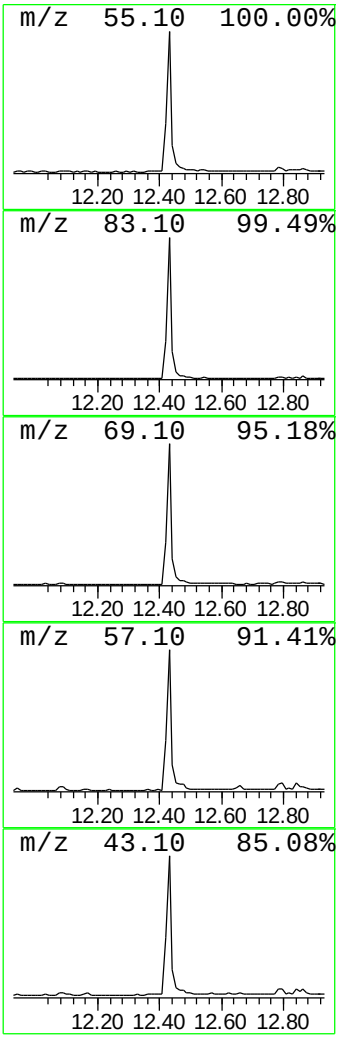
Peak Number 5 9-Octadecene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	12.59 ng	1385930	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	91





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ClientSampleId : MW-106S

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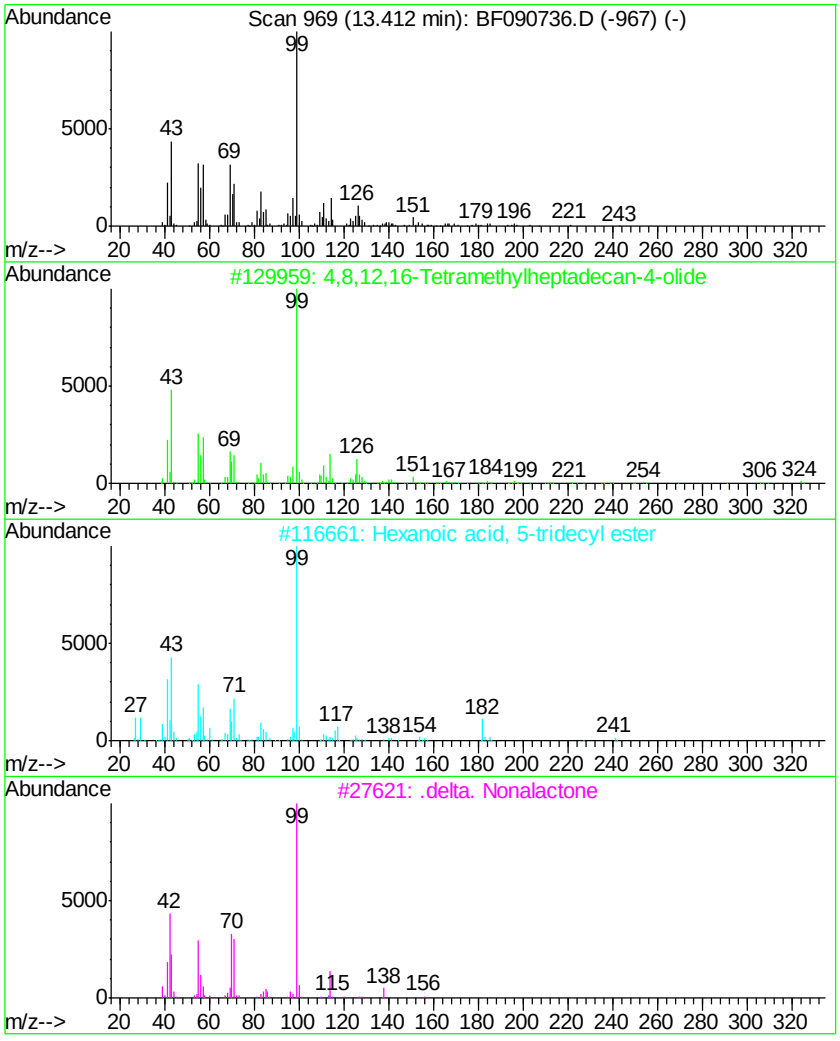
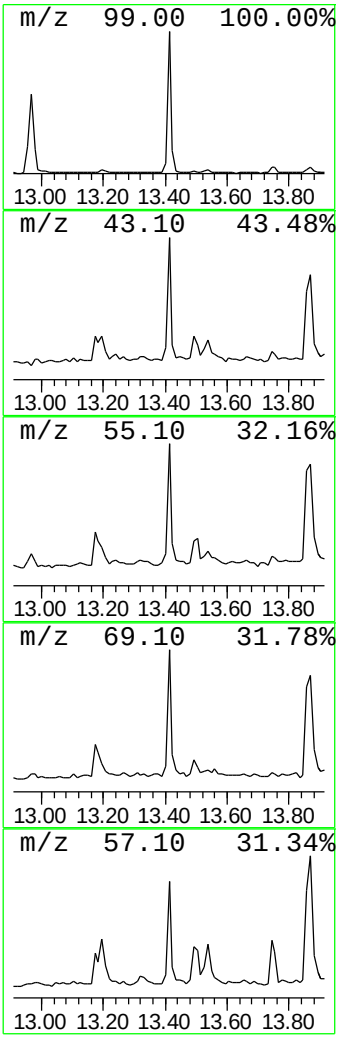
Peak Number 6 4,8,12,16-Tetramethylheptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	2.68 ng	249264	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,8,12,16-Tetramethylheptadecan-...	324	C21H40O2	096168-15-9	72
2	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	59
3	.delta. Nonalactone	156	C9H16O2	003301-94-8	53
4	2(3H)-Furanone, 5-ethyldihydro-3...	128	C7H12O2	002610-98-2	53
5	2(3H)-Furanone, 5-ethyldihydro-5...	128	C7H12O2	002865-82-9	50





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TIC Integration Parameters: LSCINT.P

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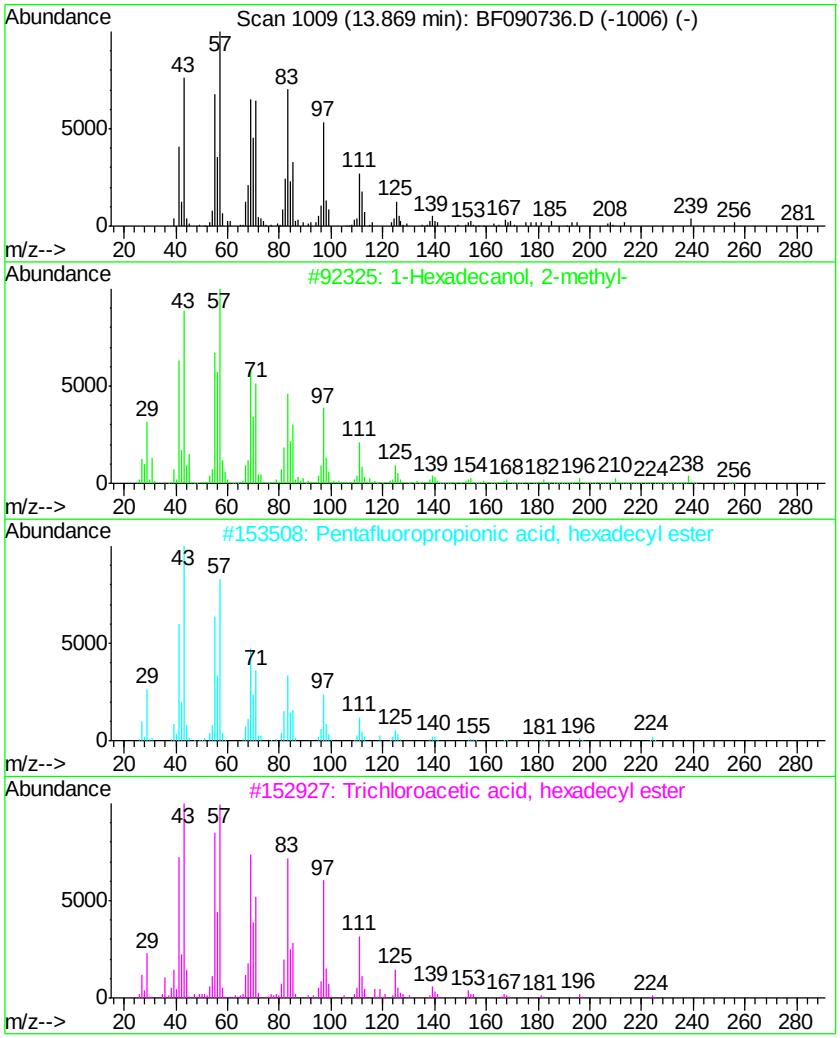
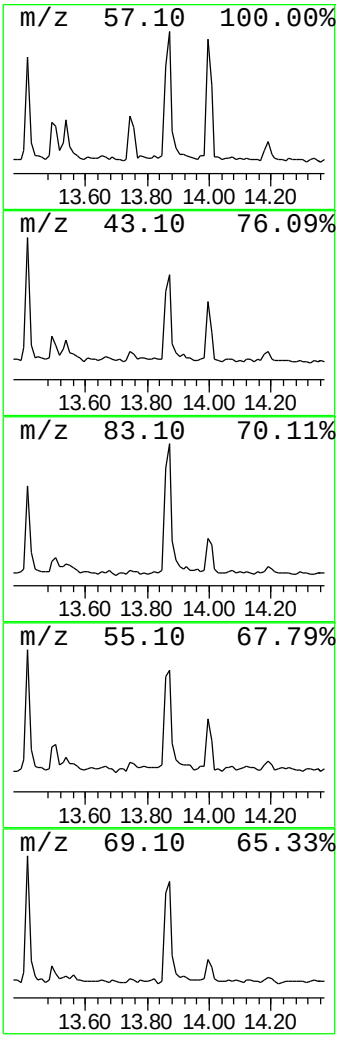
Peak Number 7 1-Hexadecanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.75 ng	255816	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	91
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	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...	5.05	5.5	ng	457476	1	6.85	1677390	20.0
unknown6.62	6.62	61.0	ng	5112830	1	6.85	1677390	20.0
1-Tetradecene	11.61	2.5	ng	271825	4	11.38	2200830	20.0
9-Octadecene, (E)-	12.43	12.6	ng	1385930	4	11.38	2200830	20.0
4,8,12,16-Tetrame...	13.41	2.7	ng	249264	5	14.02	1857150	20.0
1-Hexadecanol, 2-...	13.87	2.8	ng	255816	5	14.02	1857150	20.0