LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086372.D
Acq On : 23 Apr 2016 5:50
Operator : UM/SJ
Sample : H2634-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14

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-BF042216.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	5.013	253	256	263	rBV	233146	340990	6.27%	0.892%
2	5.436	290	293	295	rBV	1323814	1941178	35.69%	5.078%
3	5.847	327	329	331	rBV	56245	70108	1.29%	0.183%
4	5.904	331	334	343	rVB	18974	54880	1.01%	0.144%
5	6.464	380	383	385	rBV	1239346	1266528	23.29%	3.313%
6	6.602	393	395	398	rBV	3197888	3539569	65.08%	9.259%
7	6.842	414	416	422	rBV	866344	1036386	19.06%	2.711%
8	7.002	427	430	432	rBV	2385426	3480663	64.00%	9.105%
9	7.402	462	465	482	rBV	2277703	3079664	56.62%	8.056%
10	8.122	526	528	537	rBV	1164969	1415173	26.02%	3.702%
11	8.236	537	538	548	rVB5	23568	74165	1.36%	0.194%
12	9.207	620	623	625	rBV	3912284	5327933	97.96%	13.938%
13	9.745	664	670	674	rBV6	15638	75694	1.39%	0.198%
14	9.870	679	681	684	rBV	1106840	1497886	27.54%	3.918%
15	10.316	716	720	722	rBV	48238	59938	1.10%	0.157%
16	10.659	748	750	753	rBV2	2443999	3197709	58.79%	8.365%
17	10.785	760	761	768	rVB	68010	103611	1.91%	0.271%
18	11.356	809	811	825	rBV	1469366	1749126	32.16%	4.576%
19	12.945	947	950	965	rBV	4561989	5438818	100.00%	14.228%
20	13.517	998	1000	1003	rBV	52836	61637	1.13%	0.161%
21	13.848	1026	1029	1030	rBV	124317	113589	2.09%	0.297%
22	13.894	1030	1033	1039	rVV2	85837	273854	5.04%	0.716%
23	13.985	1039	1041	1055	rVB	1265236	1722990	31.68%	4.507%
24	14.168	1055	1057	1059	rBV	118647	160162	2.94%	0.419%
25	14.465	1081	1083	1086	rBV	197417	194533	3.58%	0.509%
26	14.762	1107	1109	1113	rBV	158119	159938	2.94%	0.418%
27	14.831	1113	1115	1118	rBV	317687	339490	6.24%	0.888%
28	15.082	1135	1137	1141	rVB	89540	110223	2.03%	0.288%
29	15.402	1162	1165	1168	rBV	874270	1340777	24.65%	3.507%

Sum of corrected areas: 38227212

LSC Report - Integrated Chromatogram

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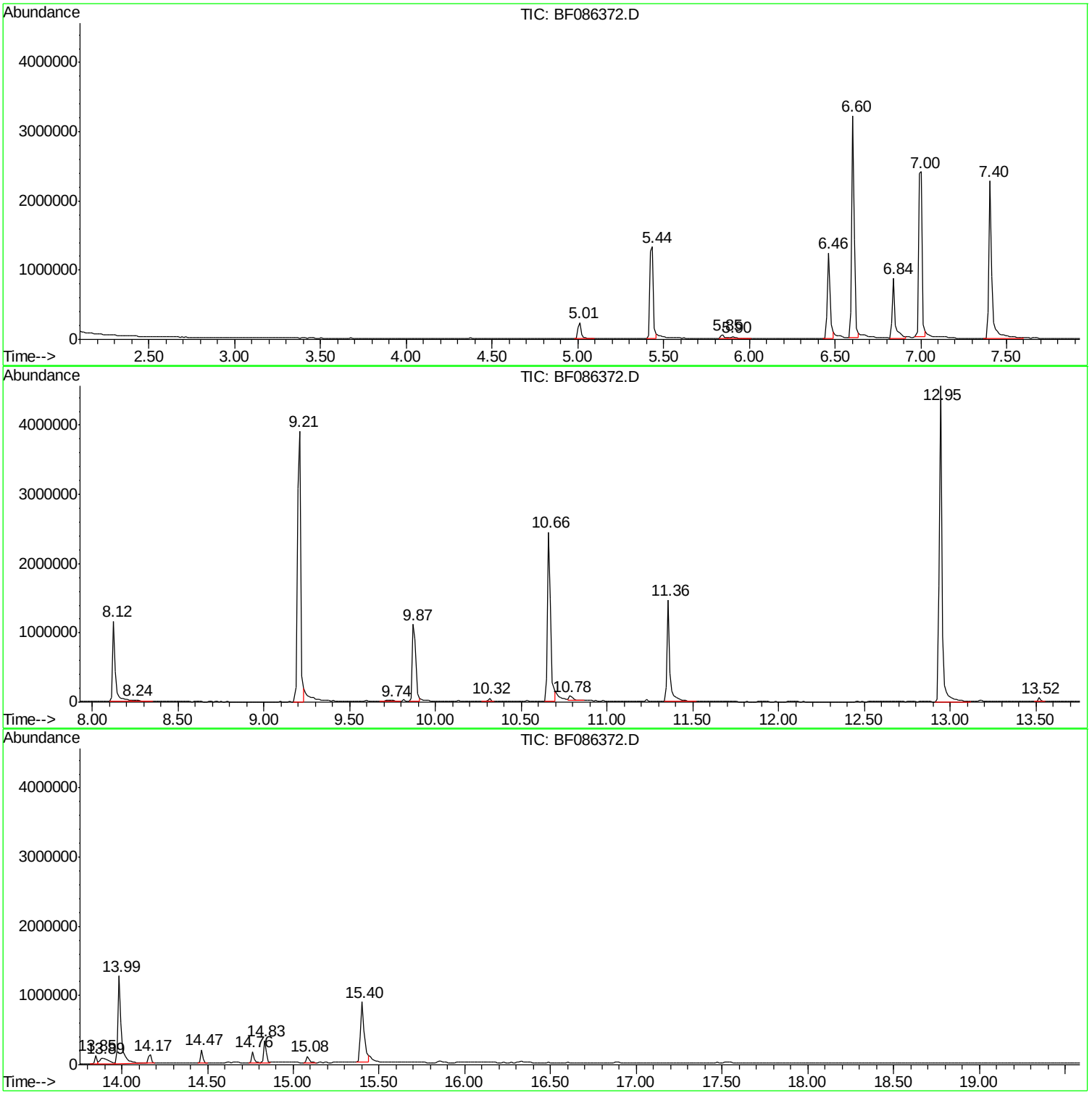
Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

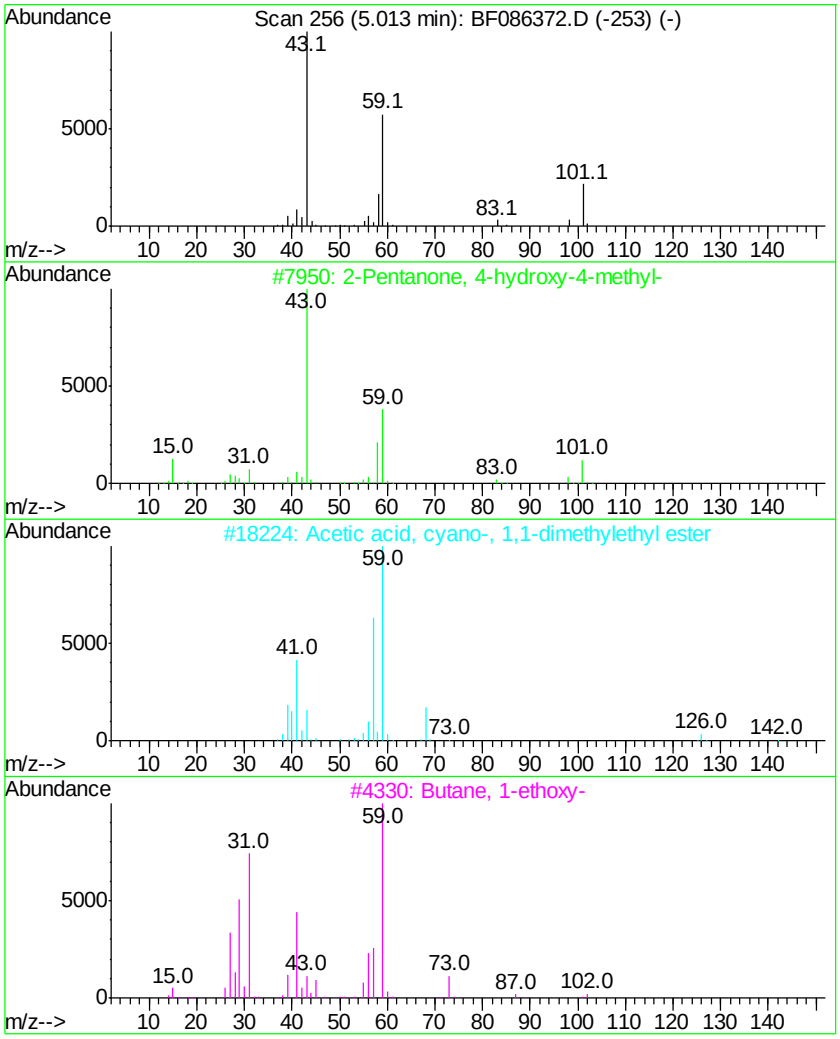
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

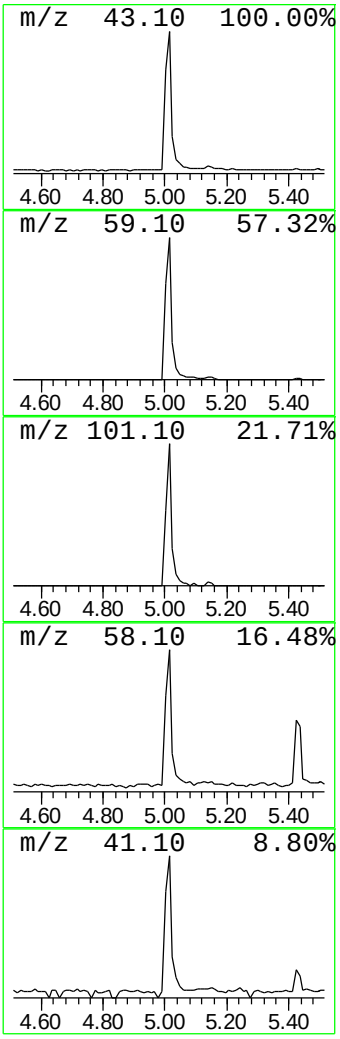
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	6.58 ng	340990	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Butane	58	C4H10	000106-97-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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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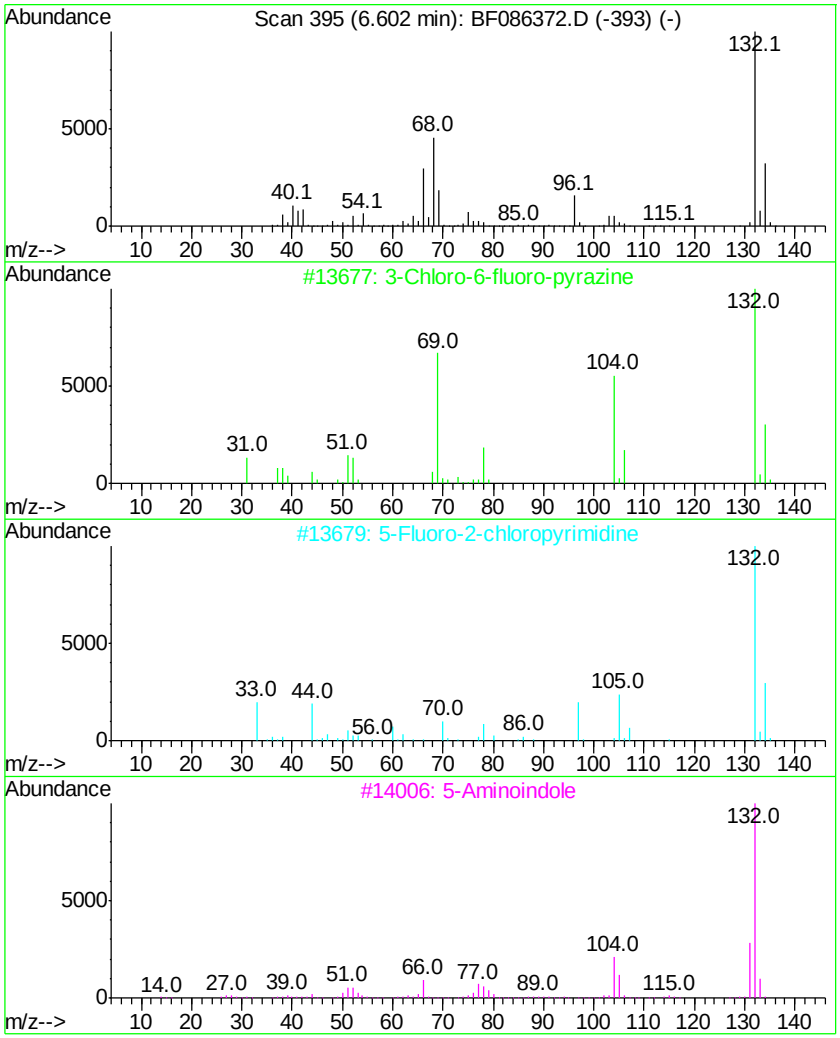
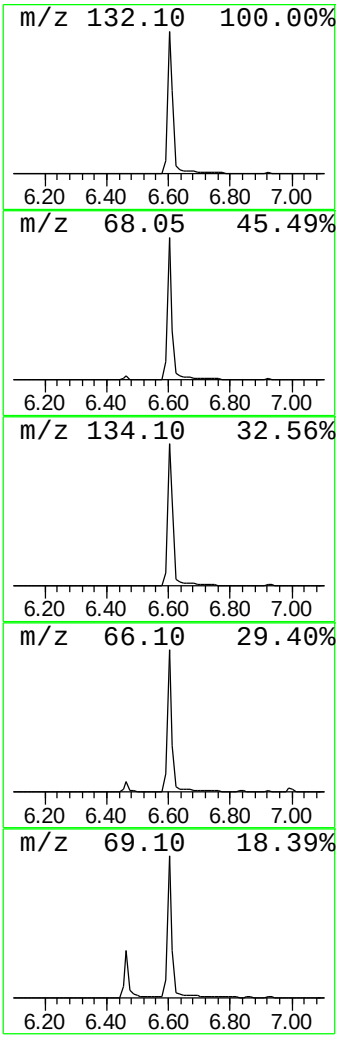
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	68.31 ng	3539570	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Sample : H2634-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
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TIC Library : C:\DATABASE\NIST02.L
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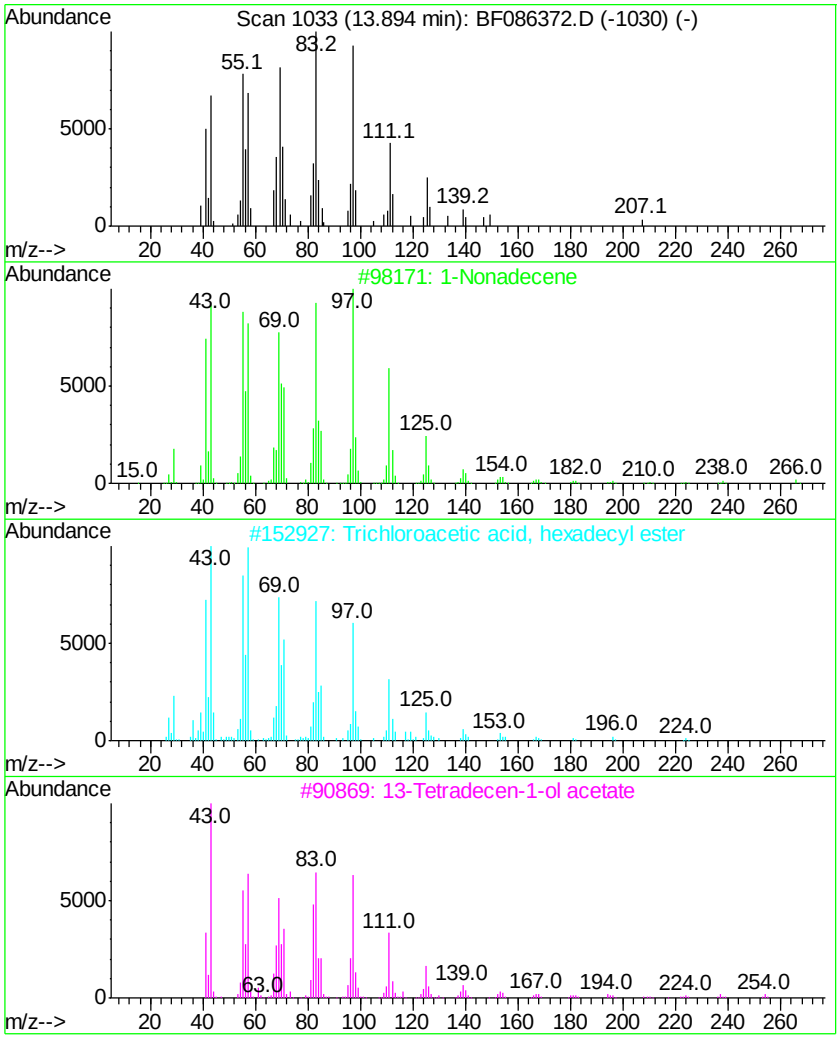
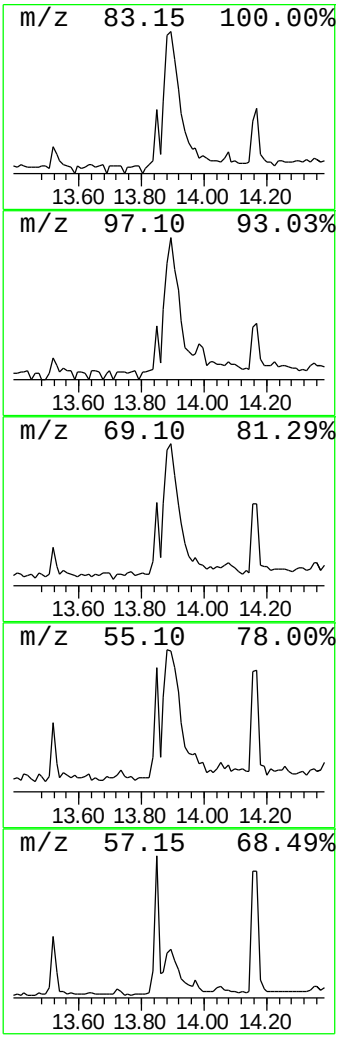
Peak Number 4 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	3.18 ng	273854	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	72
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	60
5	1-Heptadecanol	256	C17H36O	001454-85-9	58





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Instrument :
BNA_F
ClientSampleId :
MW-14

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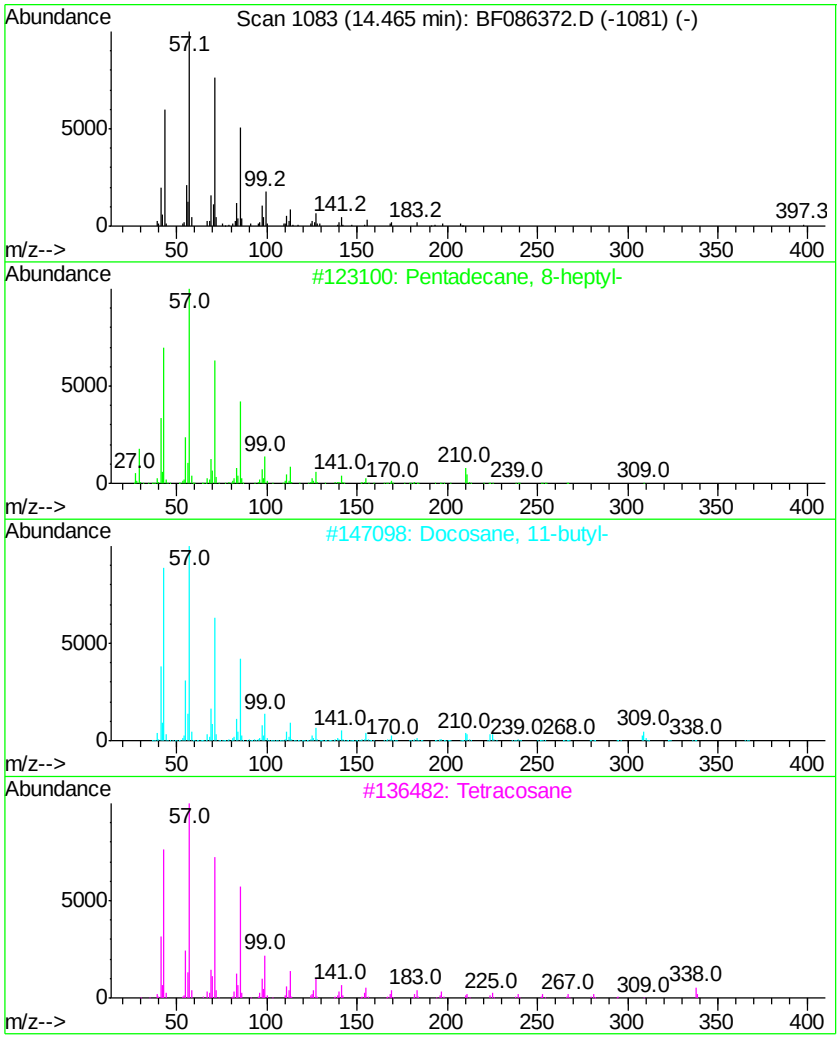
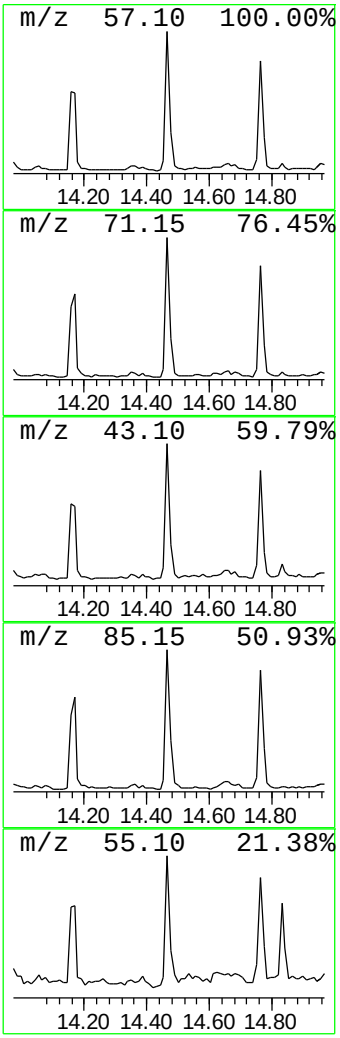
Peak Number 5 Pentadecane, 8-heptyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.26 ng	194533	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H2634-04
Misc :
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Instrument : BNA_F
ClientSampleId : MW-14

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
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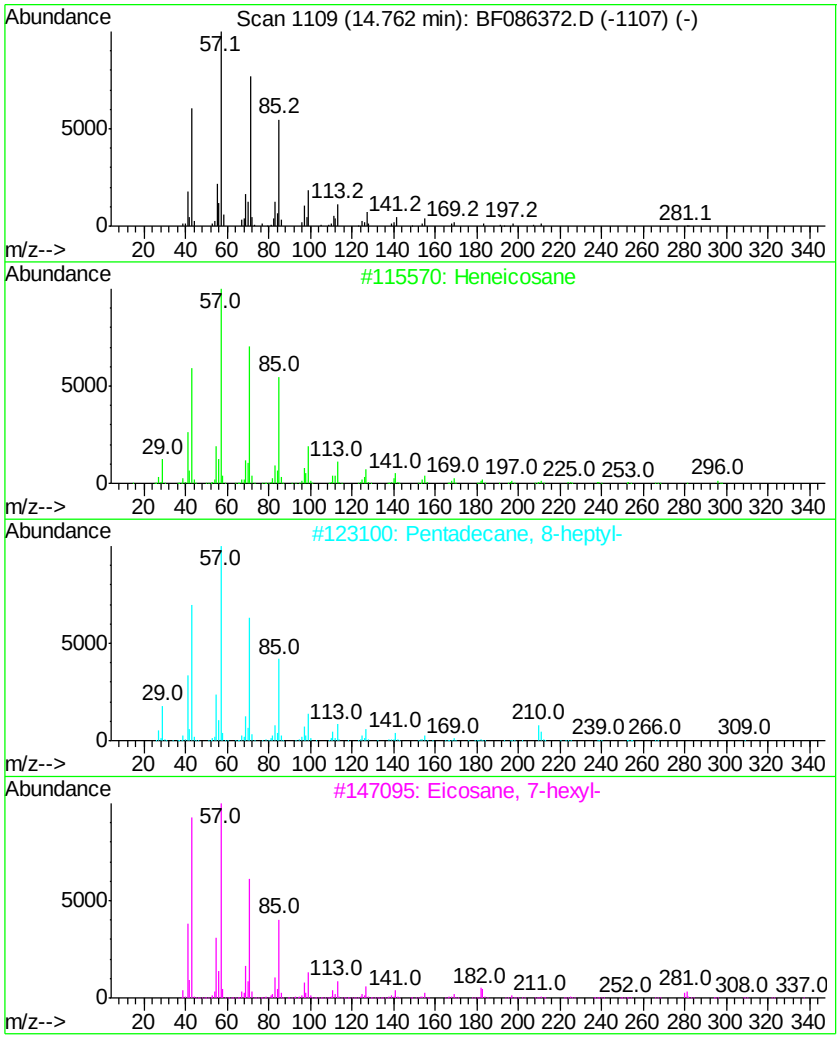
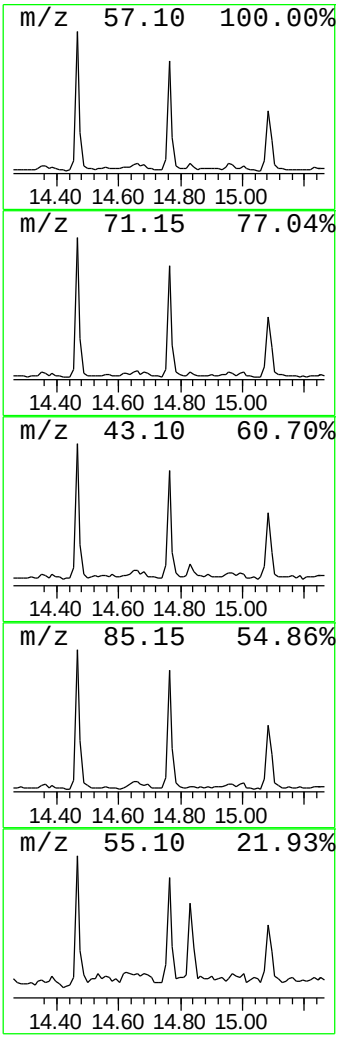
Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.39 ng	159938	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





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TIC Library : C:\DATABASE\NIST02.L
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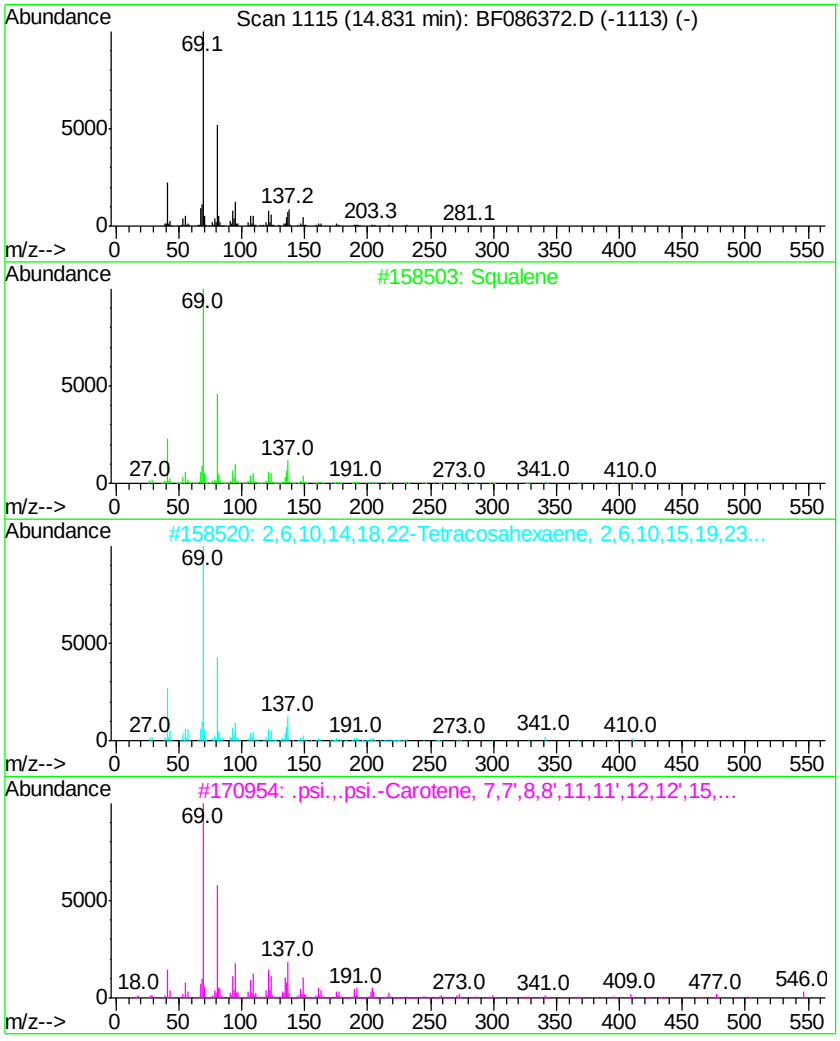
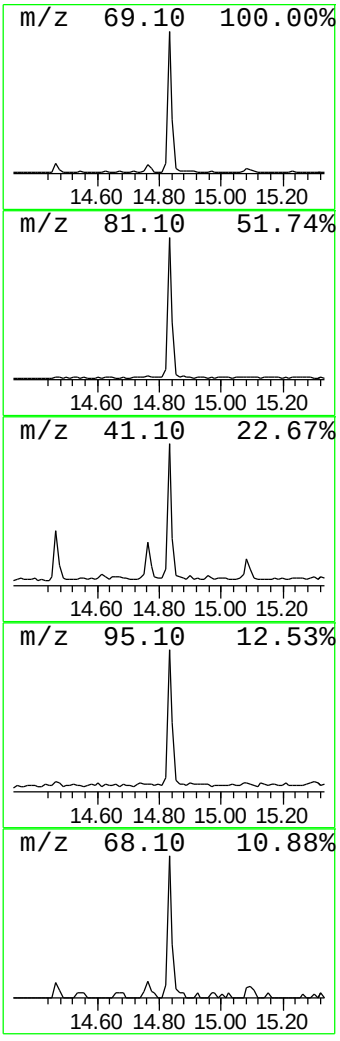
Peak Number 7 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	5.06 ng	339490	Perylene-d12	15.40

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	90
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	83
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	72





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...	5.01	6.6	ng	340990	1	6.84	1036390	20.0
unknown6.60	6.60	68.3	ng	3539570	1	6.84	1036390	20.0
1-Nonadecene	13.89	3.2	ng	273854	5	13.99	1722990	20.0
Pentadecane, 8-he...	14.47	2.3	ng	194533	5	13.99	1722990	20.0
Heneicosane	14.76	2.4	ng	159938	6	15.40	1340780	20.0
Squalene	14.83	5.1	ng	339490	6	15.40	1340780	20.0