LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084974.D
Acq On : 10 Feb 2016 1:31
Operator : SJ/IZ
Sample : H1377-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB01-0-0.5

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-BF020116.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	4.773	233	235	243	rBV	753953	1079427	27.49%	3.033%
2	5.218	272	274	277	rBV	2973663	3557616	90.61%	9.997%
3	6.281	364	367	370	rBV	2774057	3926394	100.00%	11.034%
4	6.396	375	377	380	rBV	2872459	3767341	95.95%	10.587%
5	6.636	395	398	400	rBV	811324	1004821	25.59%	2.824%
6	6.784	409	411	414	rBV	2567562	2545704	64.84%	7.154%
7	7.207	445	448	450	rBV	2256774	2654007	67.59%	7.458%
8	7.916	508	510	513	rBV	1379224	1354111	34.49%	3.805%
9	9.002	602	605	607	rBV	3654976	3883810	98.92%	10.914%
10	9.402	637	640	642	rBV	539076	548050	13.96%	1.540%
11	9.619	656	659	660	rBV	121922	116776	2.97%	0.328%
12	9.665	660	663	666	rVB	1583735	1535200	39.10%	4.314%
13	9.847	676	679	682	rBV2	25143	55810	1.42%	0.157%
14	10.110	700	702	704	rVB	162953	155884	3.97%	0.438%
15	10.328	718	721	725	rBV	52956	104144	2.65%	0.293%
16	10.453	730	732	735	rVB	2688968	2509472	63.91%	7.052%
17	10.579	742	743	748	rBV	113926	193434	4.93%	0.544%
18	11.025	780	782	784	rBV	47548	66416	1.69%	0.187%
19	11.139	790	792	795	rBV	1283791	1400083	35.66%	3.934%
20	12.728	929	931	934	rBV	3067878	2793924	71.16%	7.851%
21	13.642	1008	1011	1020	rBV	139138	284427	7.24%	0.799%
22	13.768	1020	1022	1025	rBV	1208570	1053025	26.82%	2.959%
23	14.076	1047	1049	1052	rBV	76859	73832	1.88%	0.207%
24	14.682	1100	1102	1108	rVB	62404	60000	1.53%	0.169%
25	15.128	1139	1141	1144	rBV	705293	816492	20.79%	2.294%
26	17.734	1364	1369	1372	rBV5	12146	45243	1.15%	0.127%

Sum of corrected areas: 35585443

LSC Report - Integrated Chromatogram

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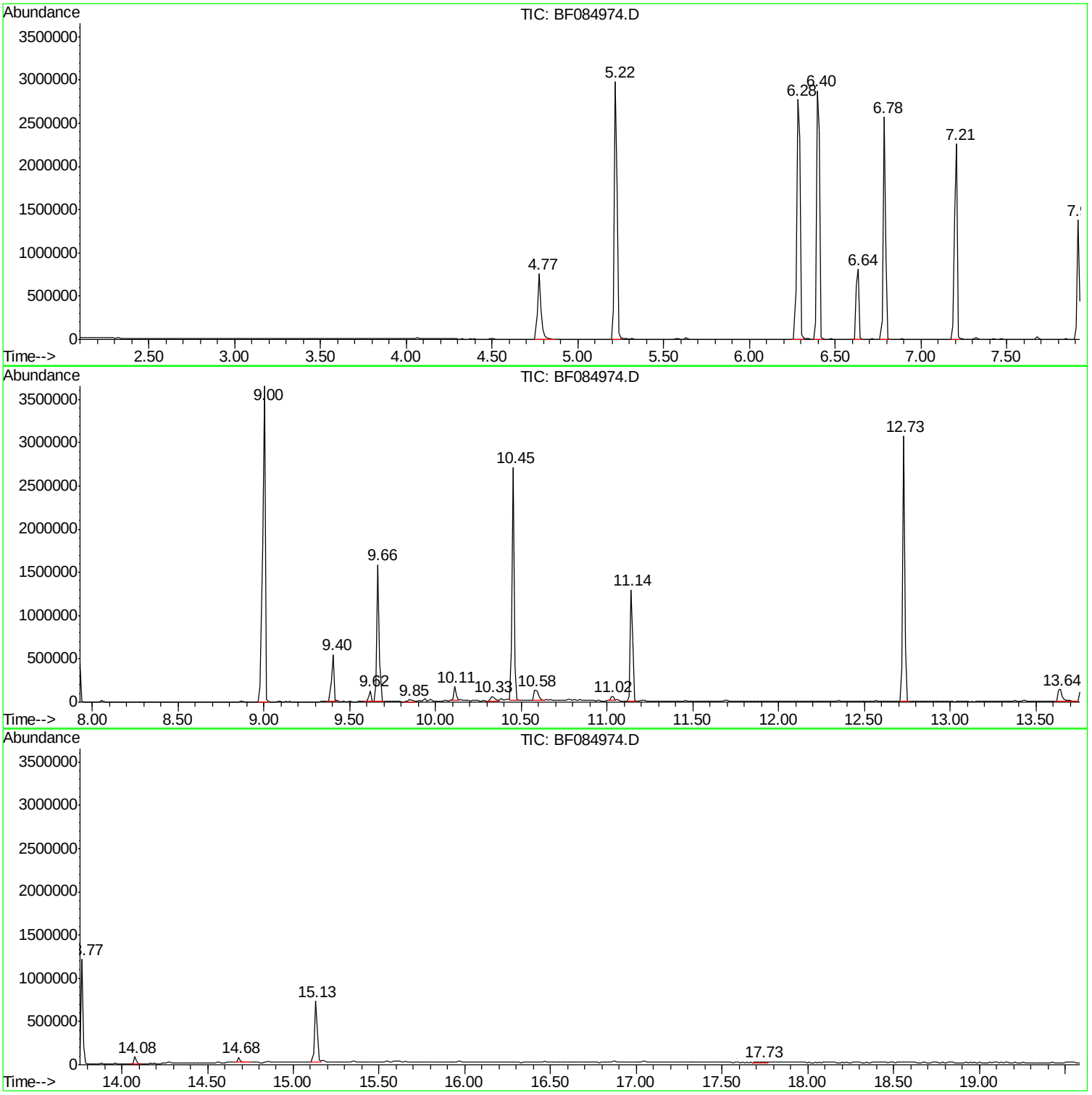
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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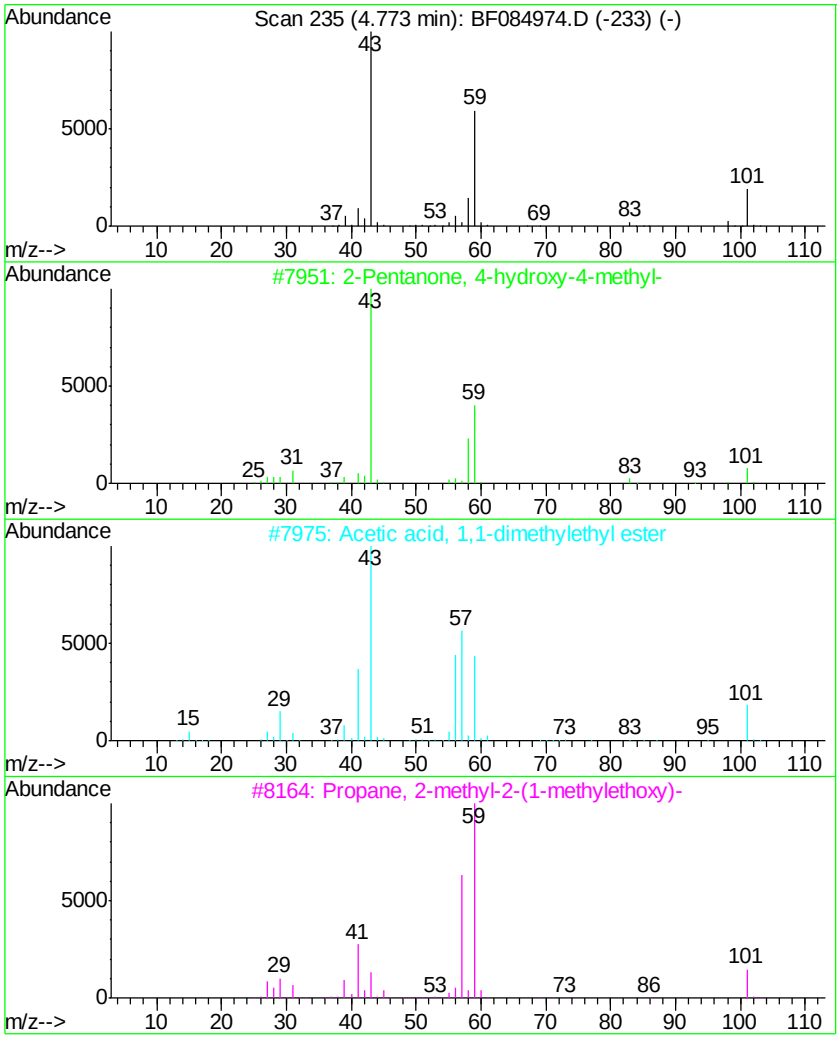
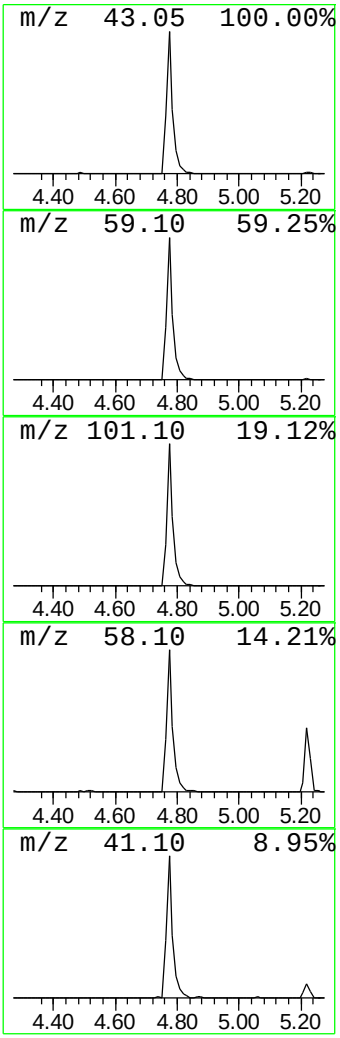
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	21.49 ng	1079430	1,4-Dichlorobenzene-d4	6.64

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Instrument : BNA_F
ClientSampleId : SB01-0-0.5

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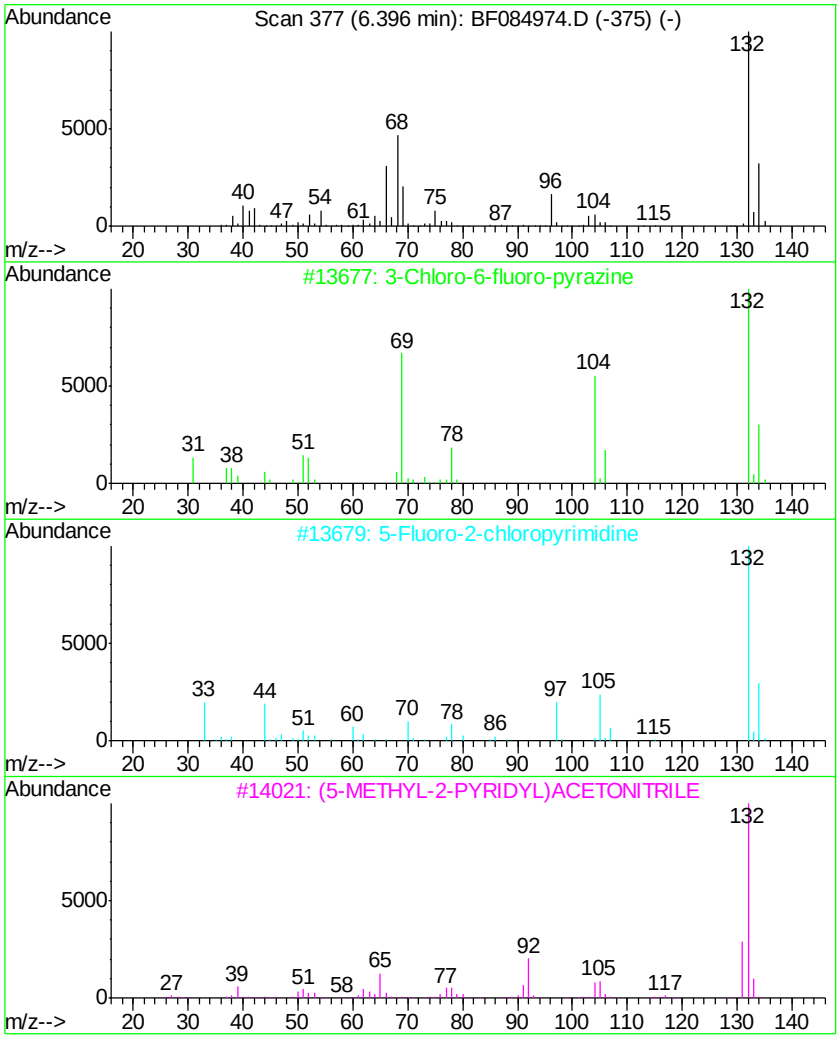
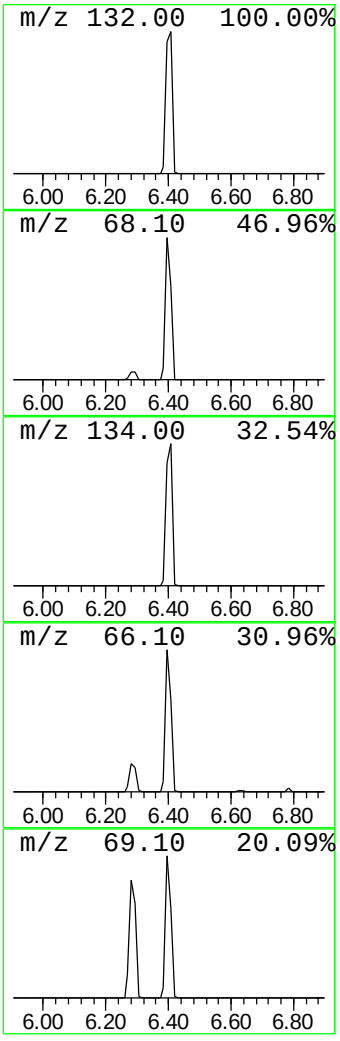
Peak Number 2 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	74.99 ng	3767340	1,4-Dichlorobenzene-d4	6.64

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	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Instrument : BNA_F
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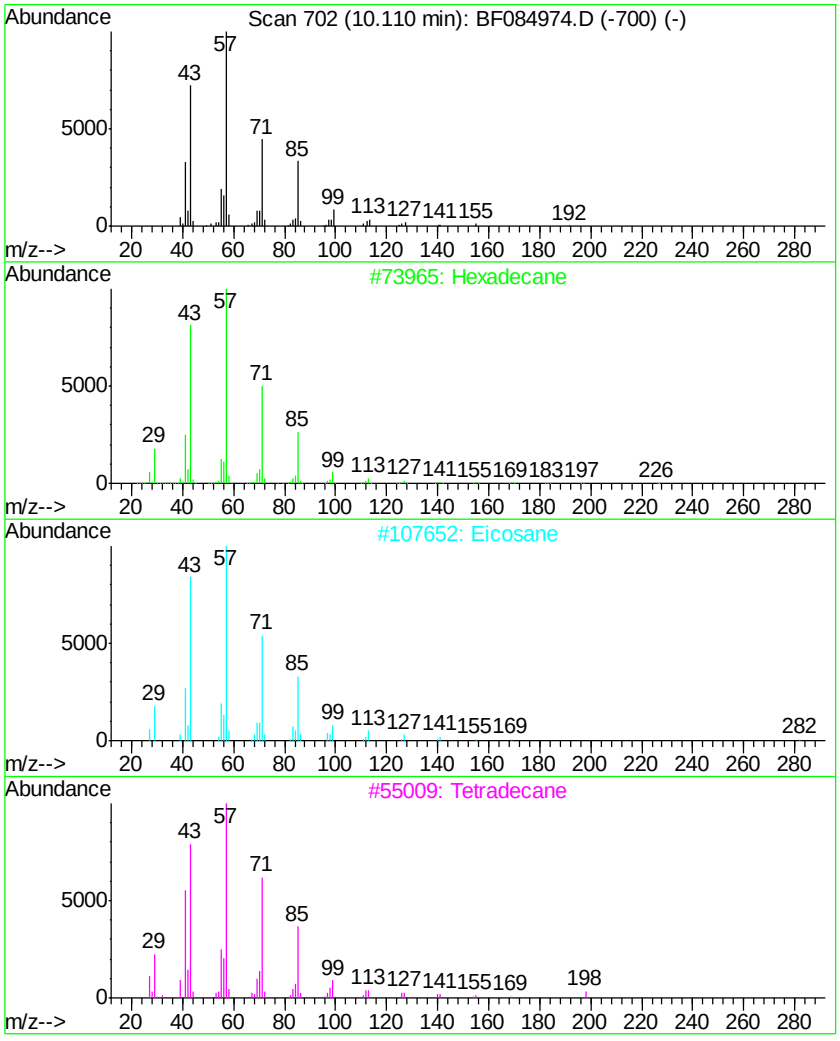
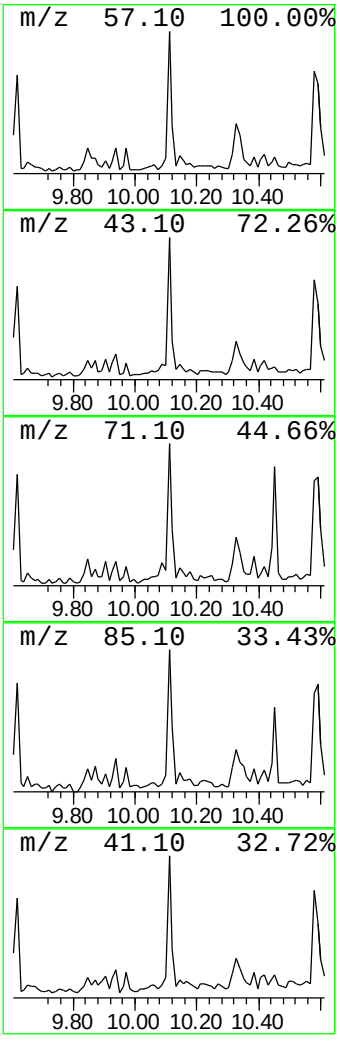
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	2.03 ng	155884	Acenaphthene-d10	9.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Eicosane	282	C20H42	000112-95-8	80
3	Tetradecane	198	C14H30	000629-59-4	80
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	78
5	Octadecane	254	C18H38	000593-45-3	72





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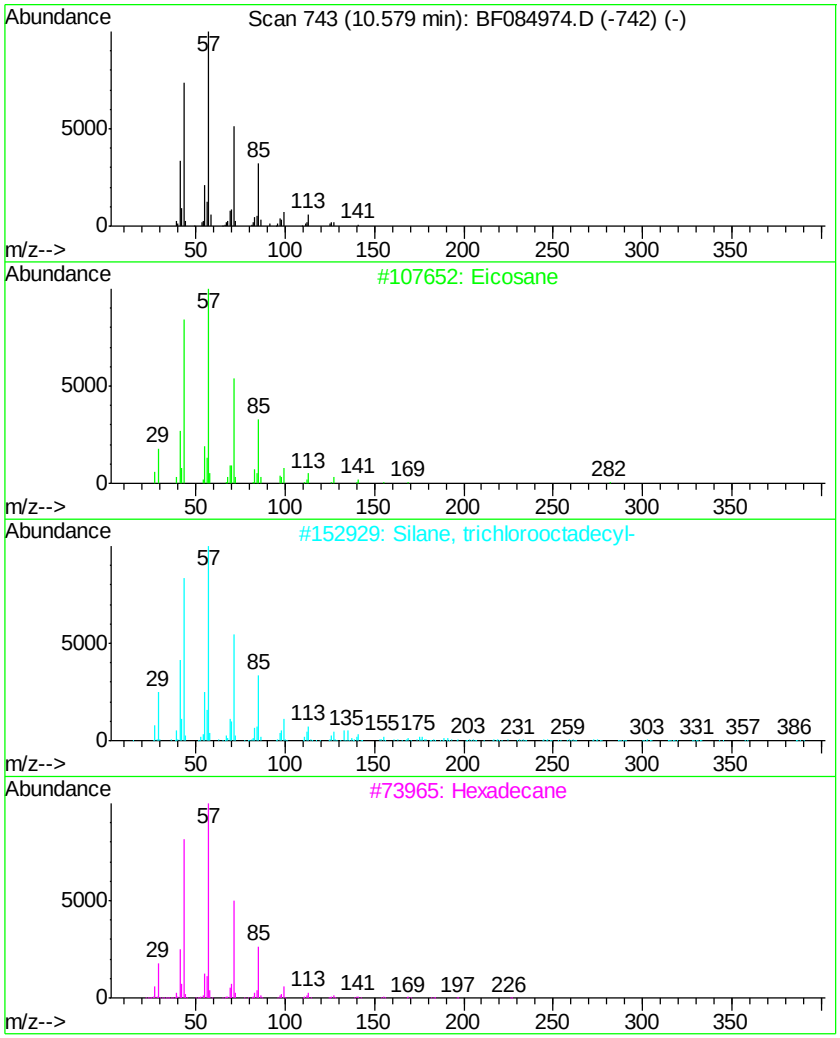
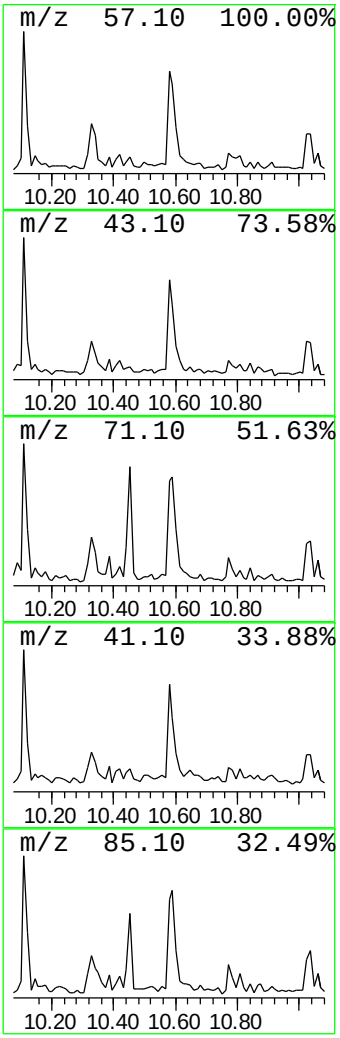
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	2.76 ng	193434	Phenanthrene-d10	11.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	78





Library Search Compound Report

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ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
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TIC Integration Parameters: LSCINT.P

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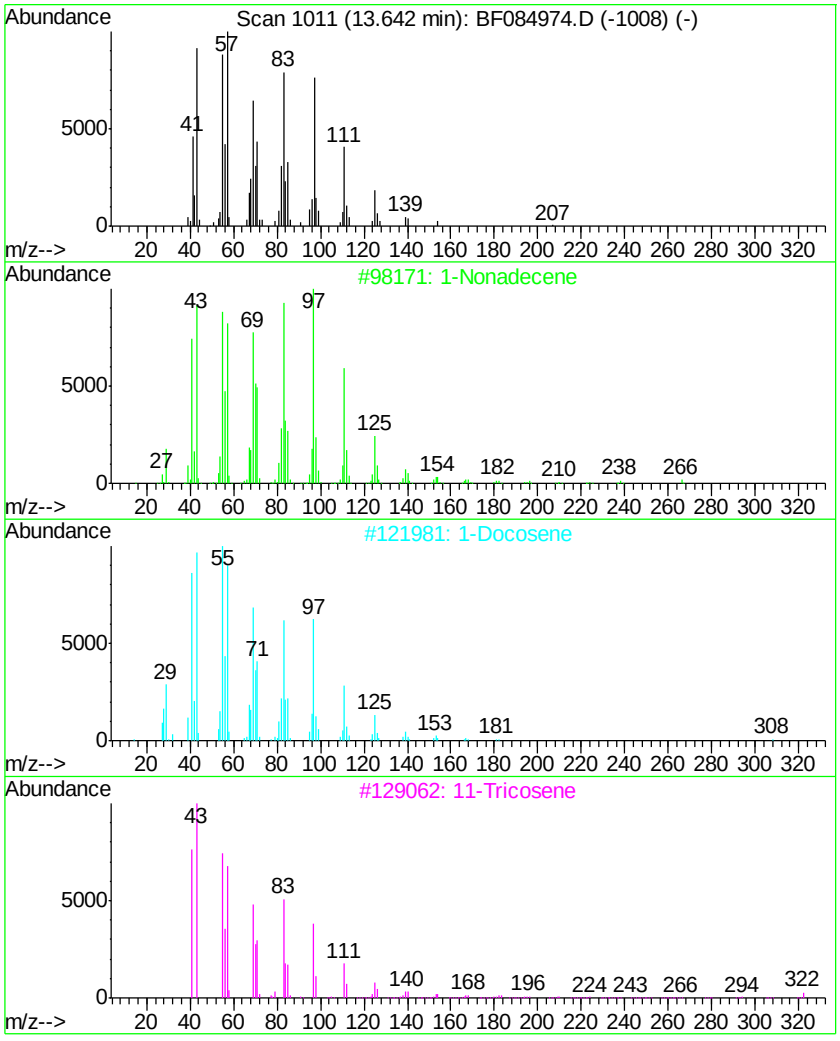
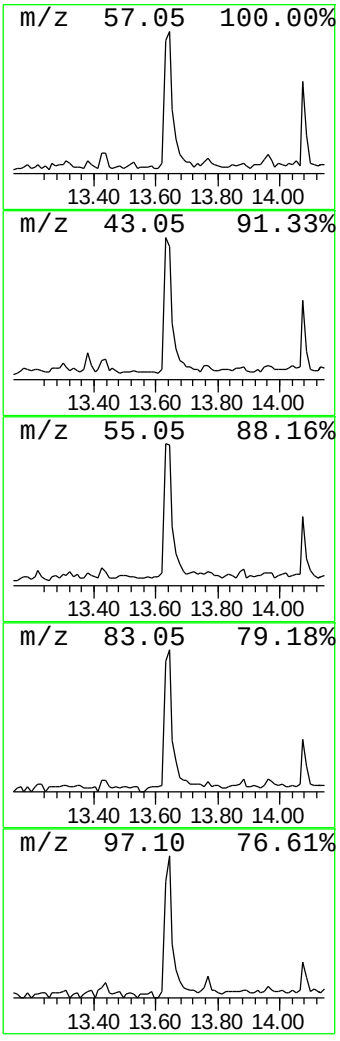
Peak Number 6 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	5.40 ng	284427	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Docosene	308	C22H44	001599-67-3	87
3	11-Tricosene	322	C23H46	052078-56-5	72
4	17-Pentatriacontene	491	C35H70	006971-40-0	72
5	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	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...	4.77	21.5	ng	1079430	1	6.64	1004820	20.0
unknown6.40	6.40	75.0	ng	3767340	1	6.64	1004820	20.0
Hexadecane	10.11	2.0	ng	155884	3	9.66	1535200	20.0
Eicosane	10.58	2.8	ng	193434	4	11.14	1400080	20.0
1-Nonadecene	13.64	5.4	ng	284427	5	13.77	1053030	20.0