LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084859.D
Acq On : 5 Feb 2016 15:00
Operator : SJ/IZ
Sample : H1329-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B010(45-47)

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	4.819	235	239	249	rVB	745654	1416008	28.50%	3.038%
2	5.253	275	277	280	rBV	3911954	4503714	90.65%	9.663%
3	6.316	367	370	372	rBV	4411404	4918435	98.99%	10.553%
4	6.430	377	380	382	rBV	5002303	4747247	95.55%	10.185%
5	6.659	398	400	402	rBV	1291725	1052407	21.18%	2.258%
6	6.819	411	414	416	rBV	4161521	3900261	78.50%	8.368%
7	7.230	447	450	452	rBV	2926169	2936769	59.11%	6.301%
8	7.356	456	461	467	rVB	108475	156406	3.15%	0.336%
9	7.950	510	513	515	rBV	1247395	1399256	28.16%	3.002%
10	9.025	604	607	610	rBV	4758113	4968425	100.00%	10.660%
11	9.425	640	642	644	rBV	1661741	1410276	28.38%	3.026%
12	9.642	657	661	663	rBV2	68729	73576	1.48%	0.158%
13	9.699	663	666	668	rVV	1309314	1519556	30.58%	3.260%
14	10.145	701	705	706	rBV	90431	111975	2.25%	0.240%
15	10.362	721	724	725	rBV	40142	52988	1.07%	0.114%
16	10.488	732	735	737	rBV	3271455	3782493	76.13%	8.115%
17	10.613	743	746	752	rBV	126084	147304	2.96%	0.316%
18	11.059	783	785	786	rBV	85479	73104	1.47%	0.157%
19	11.173	792	795	797	rVB	1771643	1539402	30.98%	3.303%
20	11.722	841	843	844	rBV	67656	62097	1.25%	0.133%
21	12.236	880	888	890	rBV	25780	52039	1.05%	0.112%
22	12.762	931	934	936	rBV	4876278	4803029	96.67%	10.305%
23	13.665	1011	1013	1022	rBV	523429	654402	13.17%	1.404%
24	13.802	1022	1025	1027	rVV	1375933	1320696	26.58%	2.834%
25	15.162	1142	1144	1147	rBV	617011	869206	17.49%	1.865%
26	15.642	1183	1186	1196	rVB3	46608	137779	2.77%	0.296%

Sum of corrected areas: 46608850

LSC Report - Integrated Chromatogram

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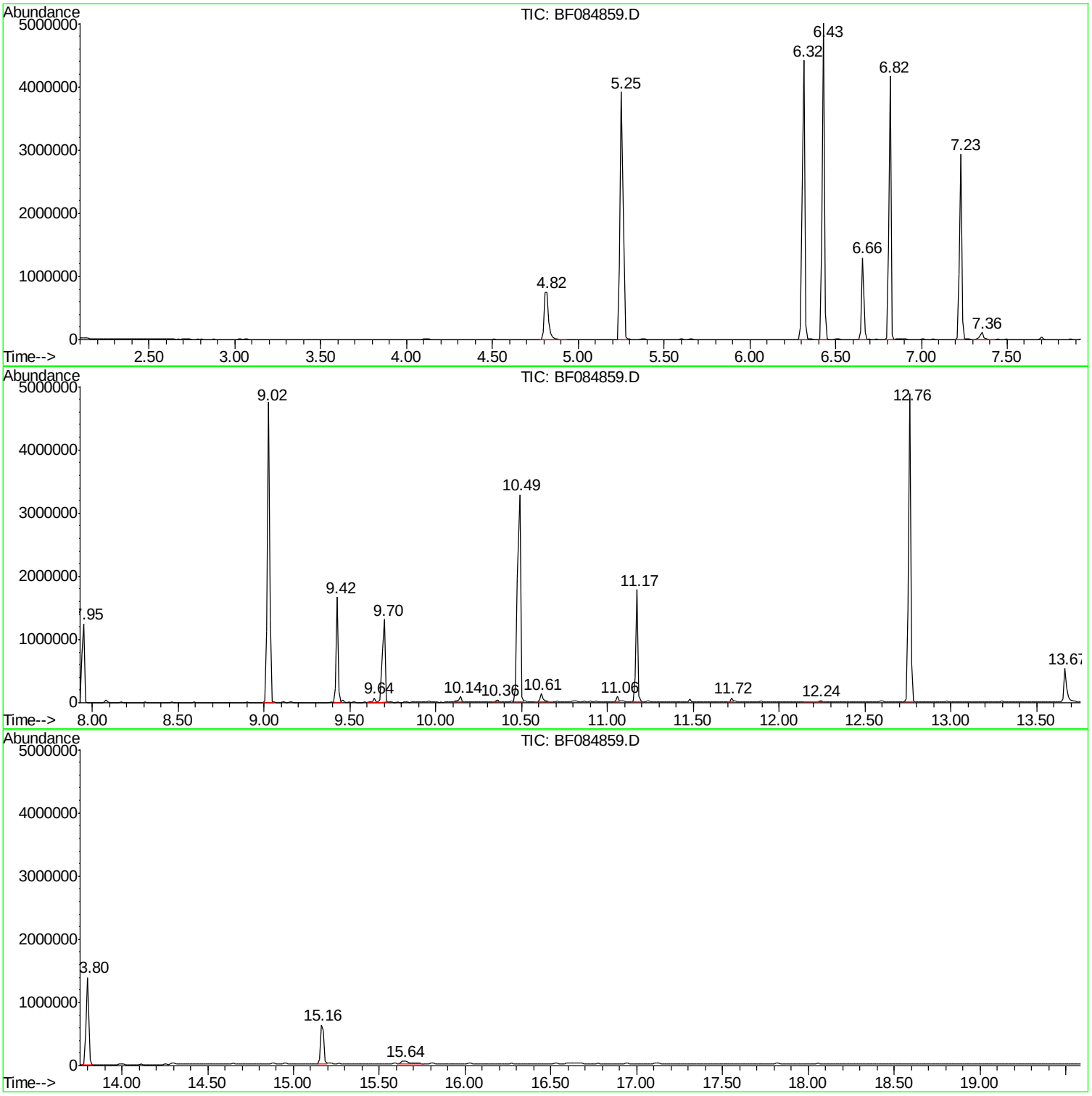
ClientSampleId : S4-B010(45-47)

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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TIC Integration Parameters: LSCINT.P

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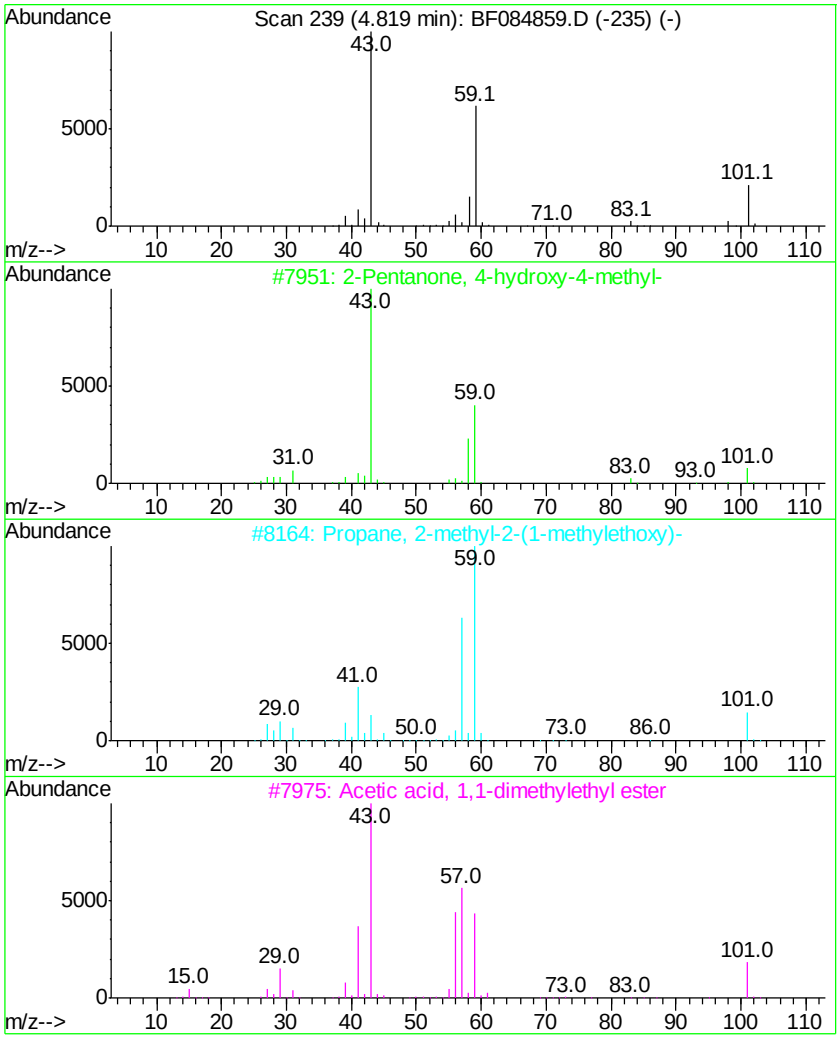
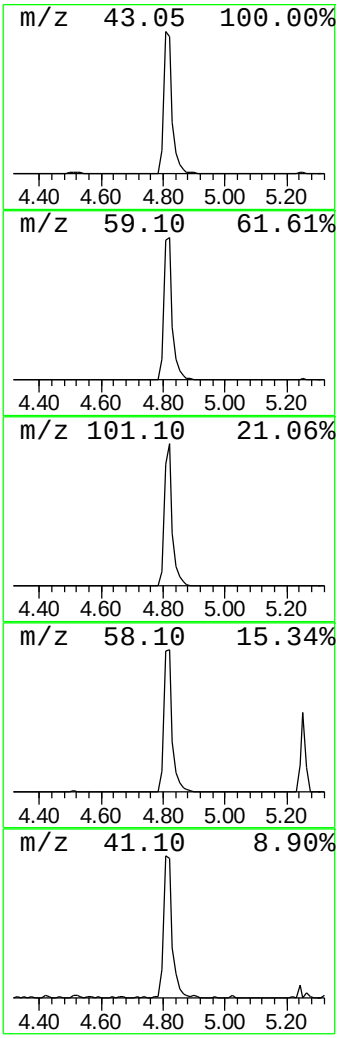
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	26.91 ng	1416010	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Instrument : BNA_F
ClientSampleId : S4-B010(45-47)

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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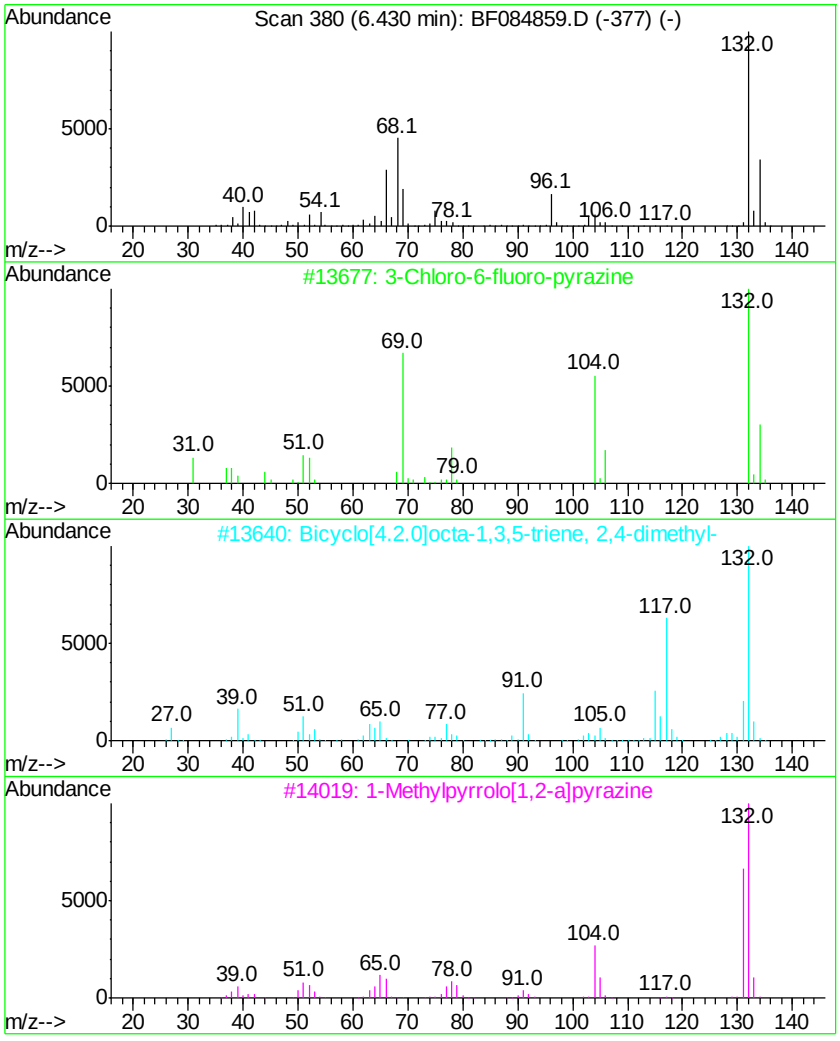
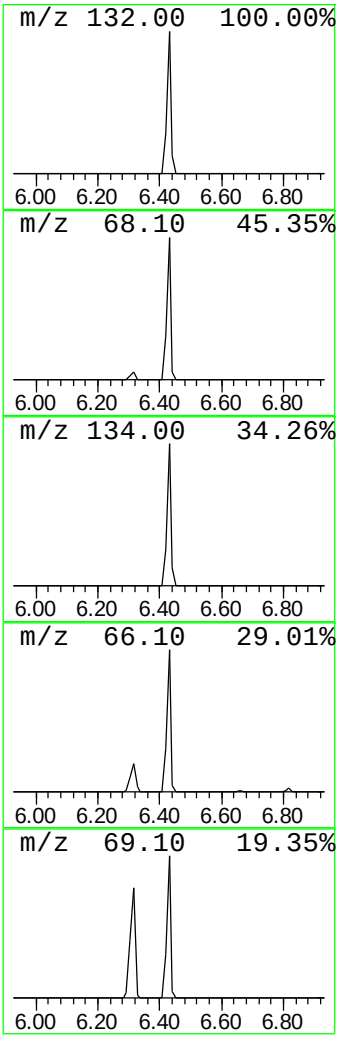
Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	90.22 ng	4747250	1,4-Dichlorobenzene-d4	6.66

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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

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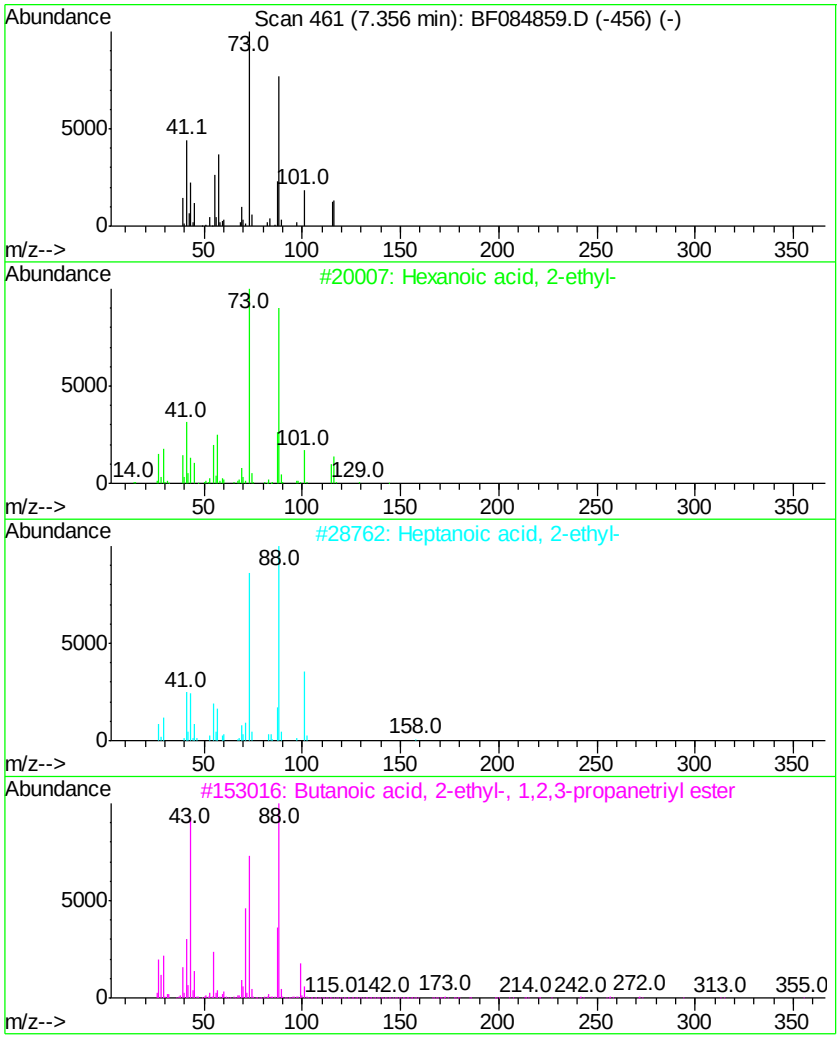
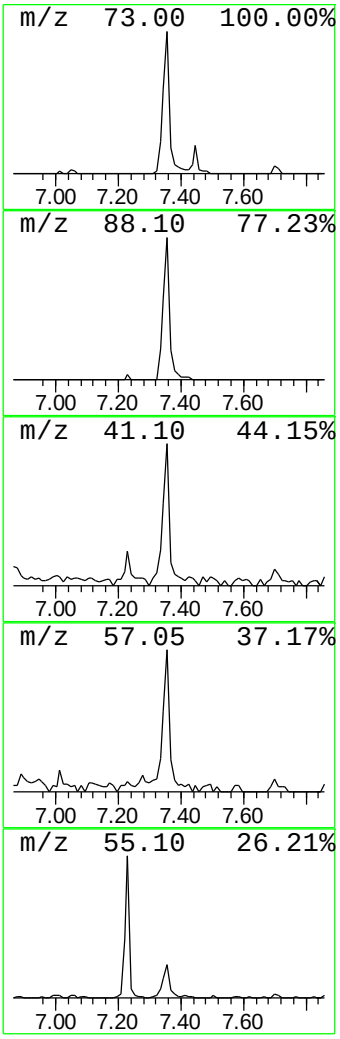
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	2.24 ng	156406	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	50
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	45
4	1,4-Dioxane	88	C4H8O2	000123-91-1	43
5	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	40





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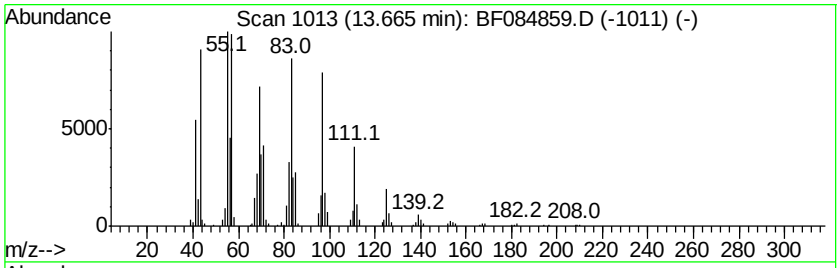
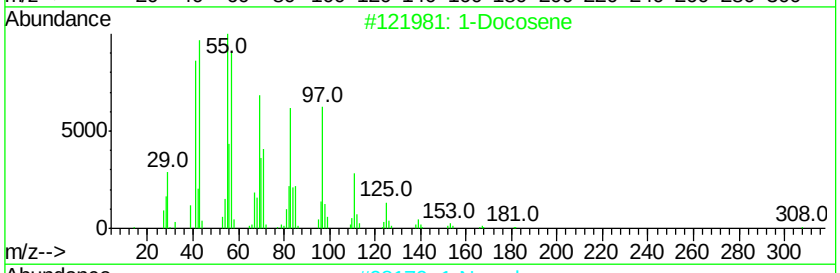
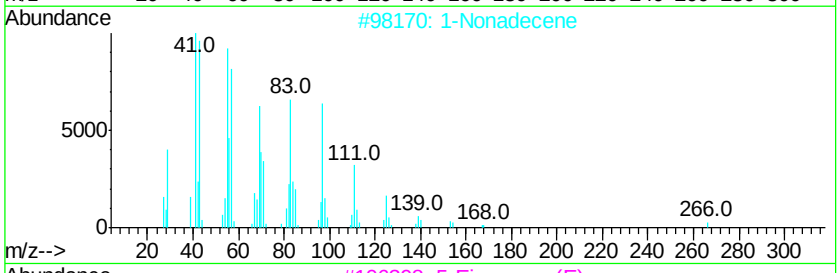
Peak Number 5 1-Docosene Concentration Rank 4

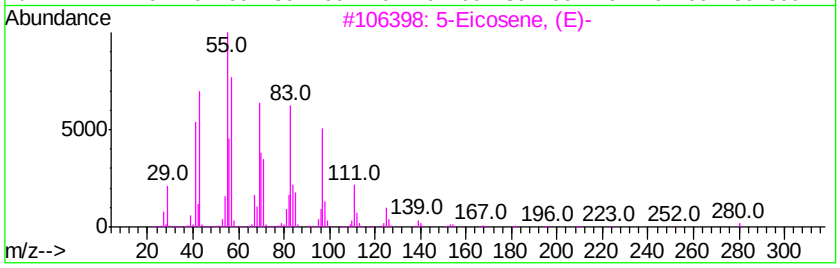
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	9.91 ng	654402	Chrysene-d12	13.80

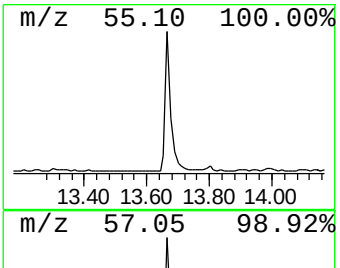
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	90
5	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	86

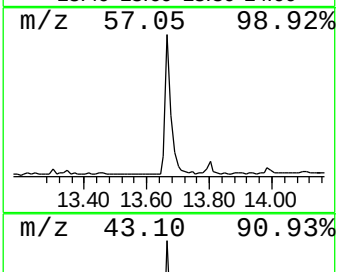


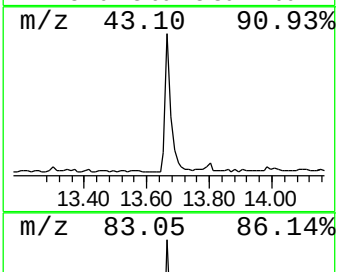


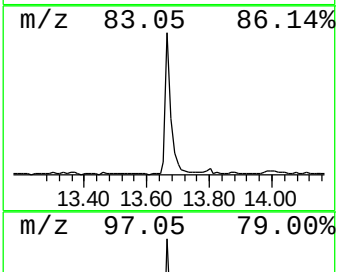


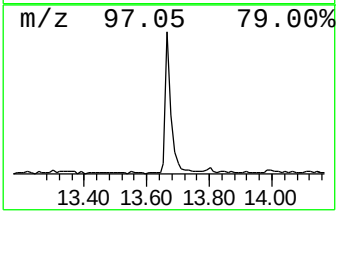












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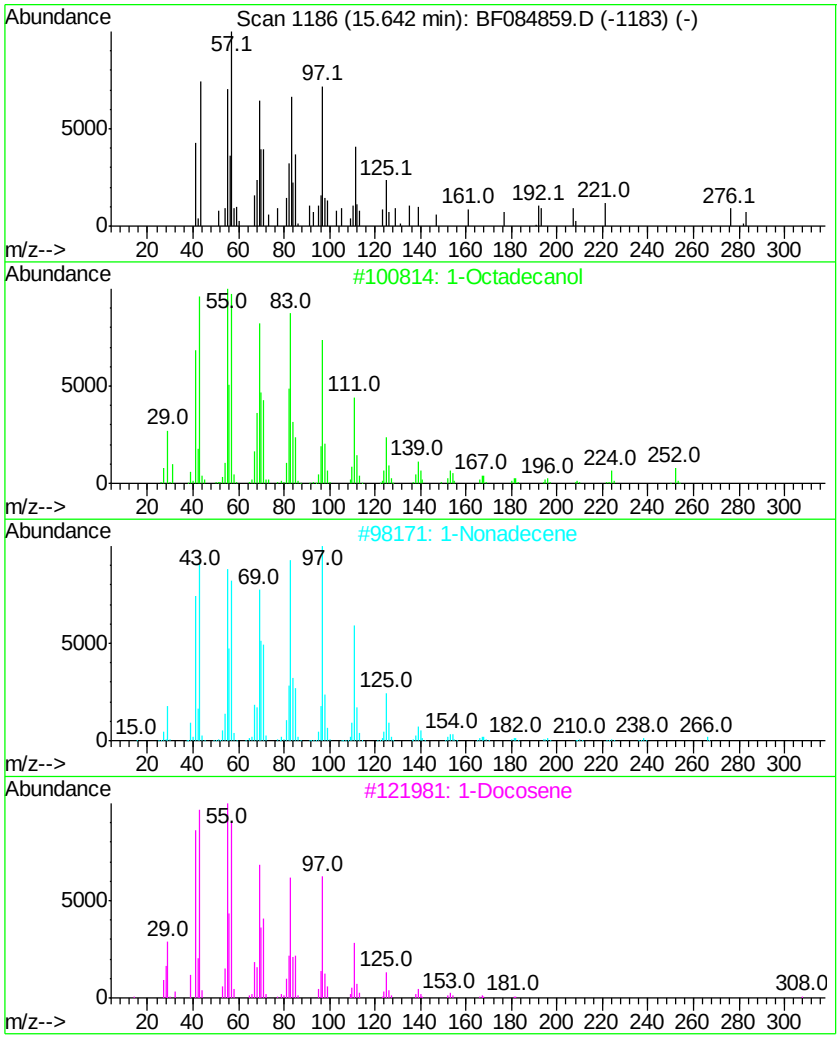
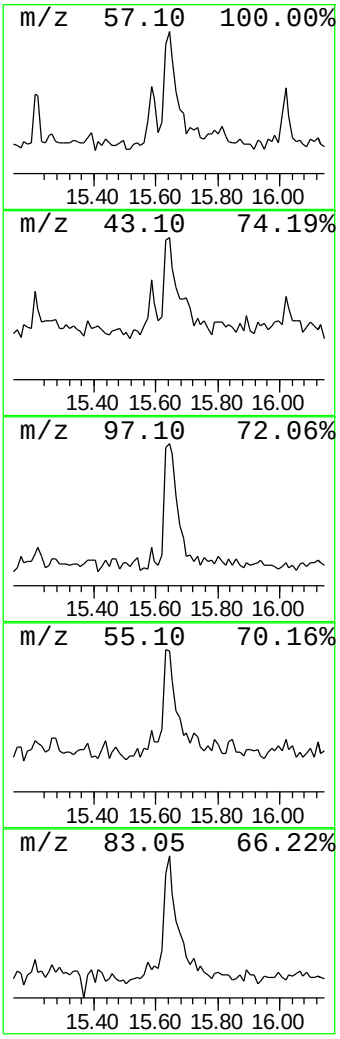
****

Peak Number 6 1-Octadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.17 ng	137779	Perylene-d12	15.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanol	270	C18H38O	000112-92-5	93
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	1-Docosene	308	C22H44	001599-67-3	87
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	1-Tetracosanol	354	C24H50O	000506-51-4	81





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...	4.82	26.9	ng	1416010	1	6.66	1052410	20.0
unknown6.43	6.43	90.2	ng	4747250	1	6.66	1052410	20.0
Hexanoic acid, 2-...	7.36	2.2	ng	156406	2	7.95	1399260	20.0
1-Docosene	13.67	9.9	ng	654402	5	13.80	1320700	20.0
1-Octadecanol	15.64	3.2	ng	137779	6	15.17	869206	20.0