LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084892.D
Acq On : 6 Feb 2016 6:13
Operator : SJ/IZ
Sample : H1320-13
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B013(25.5-27.5)

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	4.098	174	176	181	rVB	32625	55512	1.35%	0.155%
2	4.807	235	238	247	rVB	1040474	1503621	36.69%	4.192%
3	5.253	274	277	279	rBV	3827678	3763254	91.83%	10.491%
4	5.653	310	312	315	rBV	33964	44718	1.09%	0.125%
5	6.316	367	370	372	rBV	3855871	4098219	100.00%	11.425%
6	6.430	377	380	382	rBV	4309741	3897312	95.10%	10.865%
7	6.659	398	400	402	rBV	1298726	1046686	25.54%	2.918%
8	6.819	411	414	416	rBV	3014587	2953198	72.06%	8.233%
9	7.230	447	450	452	rBV	2530807	2316745	56.53%	6.458%
10	7.950	510	513	515	rBV	1370148	1334922	32.57%	3.721%
11	9.025	605	607	610	rBV	3809996	3434291	83.80%	9.574%
12	9.425	640	642	644	rBV	668596	533770	13.02%	1.488%
13	9.642	659	661	663	rBV	102908	85724	2.09%	0.239%
14	9.699	663	666	668	rBV	1422412	1384365	33.78%	3.859%
15	10.145	701	705	706	rBV	144668	135983	3.32%	0.379%
16	10.362	721	724	725	rBV	47427	63195	1.54%	0.176%
17	10.488	732	735	737	rBV2	1725547	2340504	57.11%	6.525%
18	10.613	744	746	753	rVB	161411	176443	4.31%	0.492%
19	11.059	783	785	786	rBV	76537	67351	1.64%	0.188%
20	11.173	792	795	797	rBV	1432996	1263665	30.83%	3.523%
21	12.602	917	920	922	rBV2	122289	170504	4.16%	0.475%
22	12.762	931	934	936	rBV	2894437	2838381	69.26%	7.913%
23	13.299	979	981	983	rBV	126595	111611	2.72%	0.311%
24	13.665	1011	1013	1023	rBV	188928	358855	8.76%	1.000%
25	13.802	1023	1025	1027	rBV	1022479	953898	23.28%	2.659%
26	15.174	1142	1145	1147	rBV	704564	843714	20.59%	2.352%
27	15.665	1184	1188	1190	rBV5	17350	49273	1.20%	0.137%
28	16.945	1296	1300	1306	rBV9	11360	46206	1.13%	0.129%

Sum of corrected areas: 35871920

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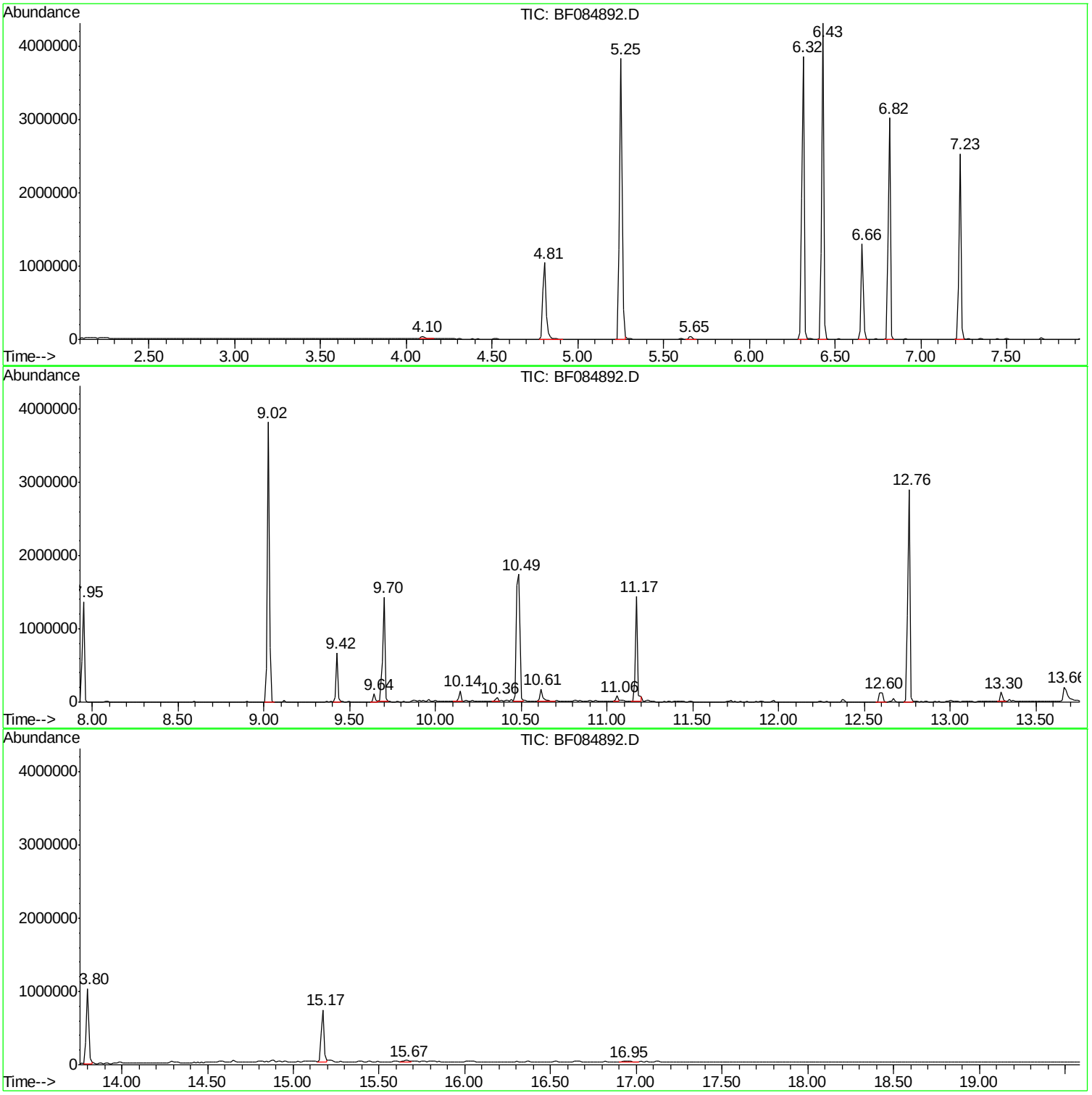
S4-B013(25.5-27.5)

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



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : S4-B013(25.5-27.5)

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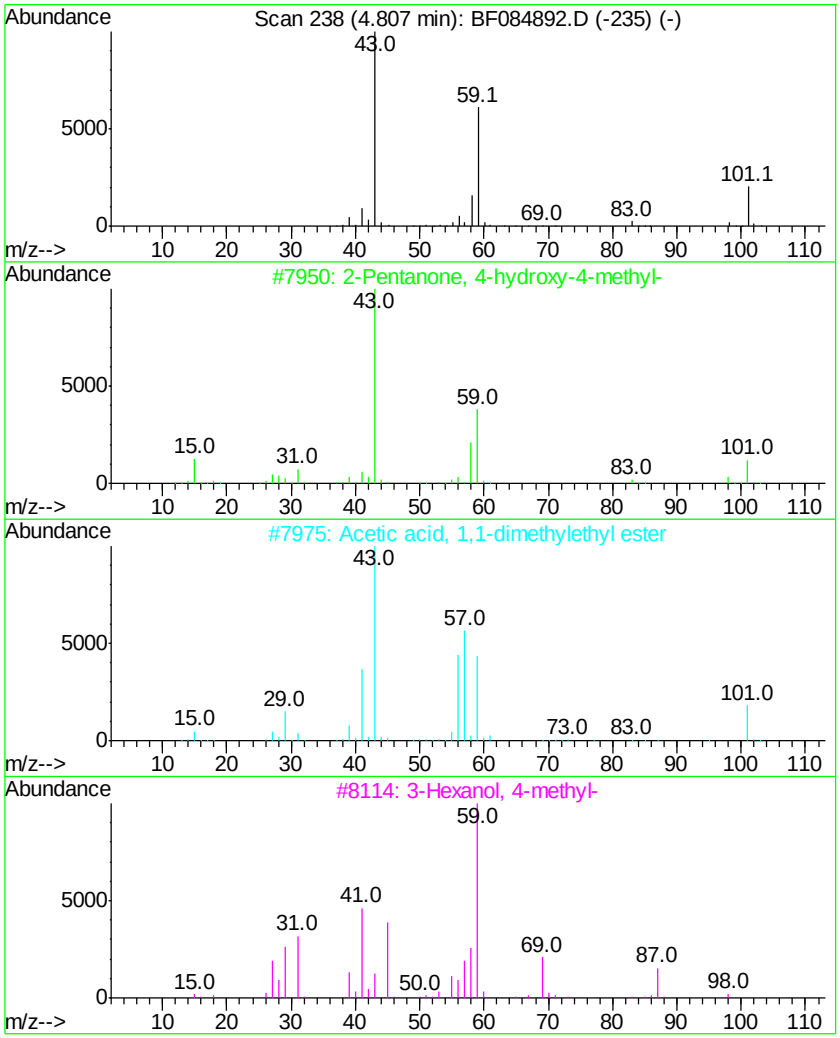
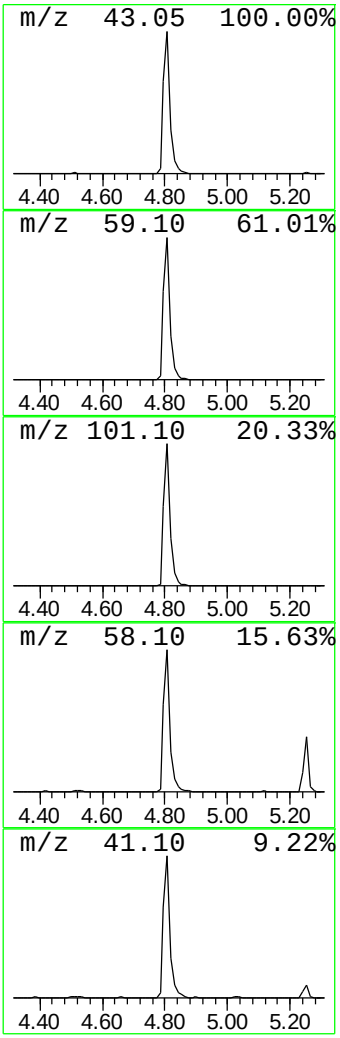
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	28.73 ng	1503620	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : S4-B013(25.5-27.5)

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
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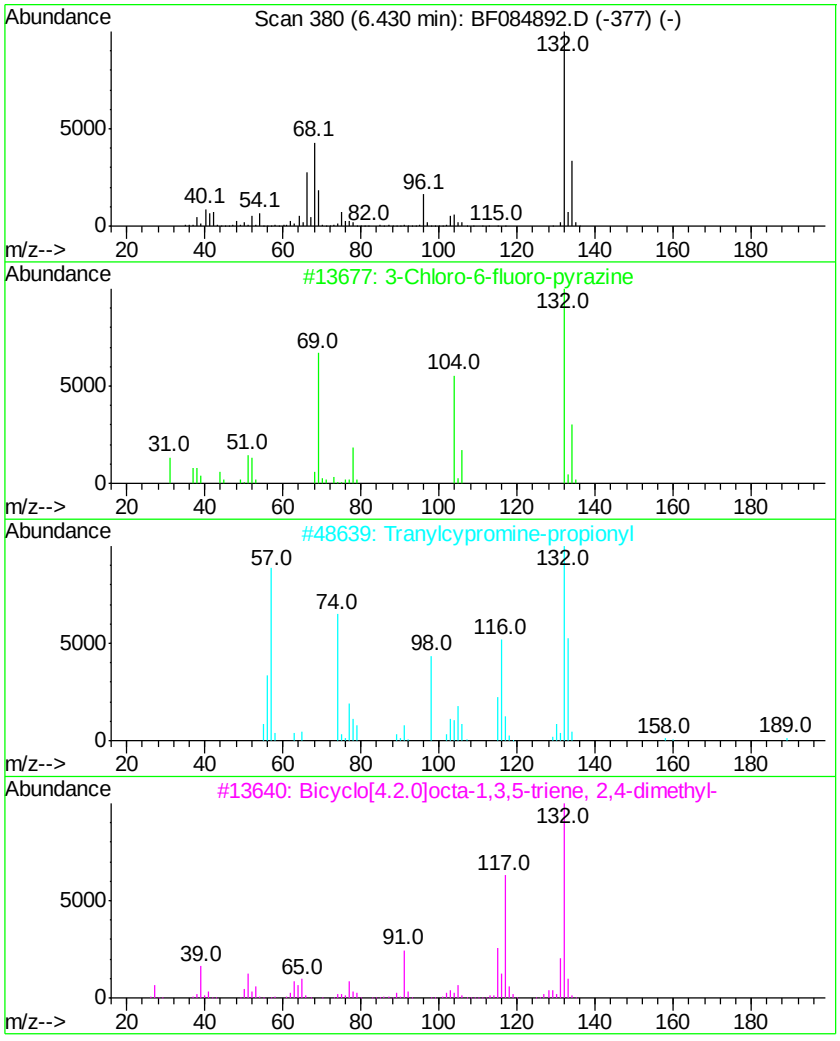
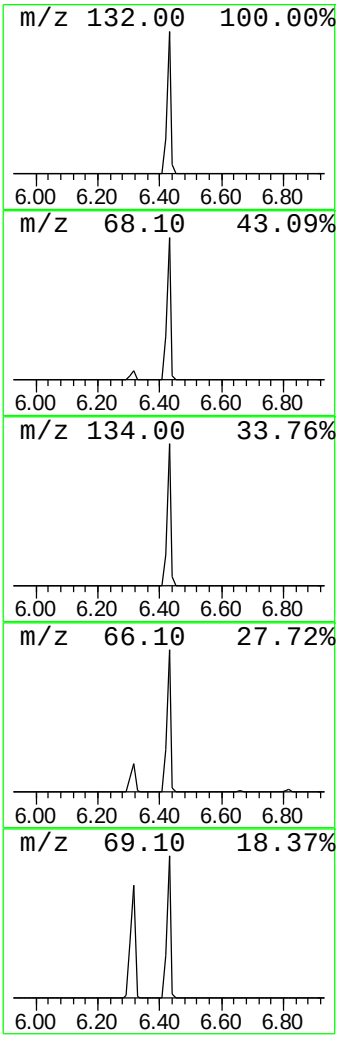
Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	74.47 ng	3897310	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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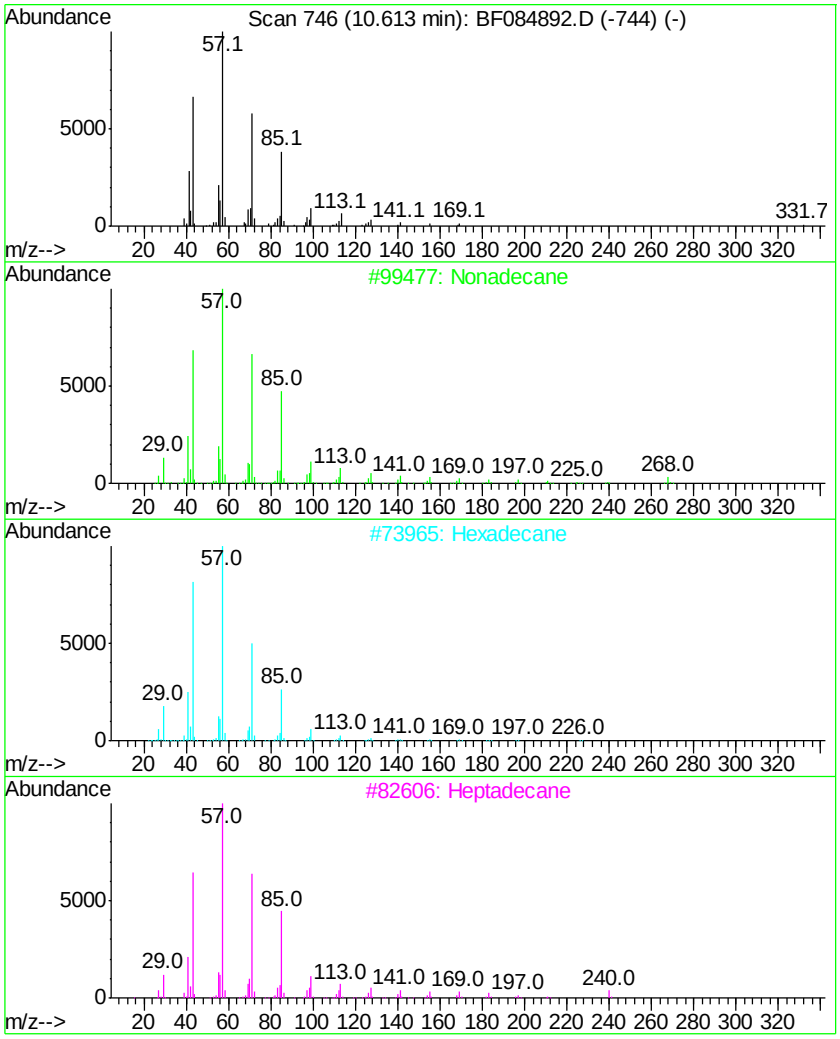
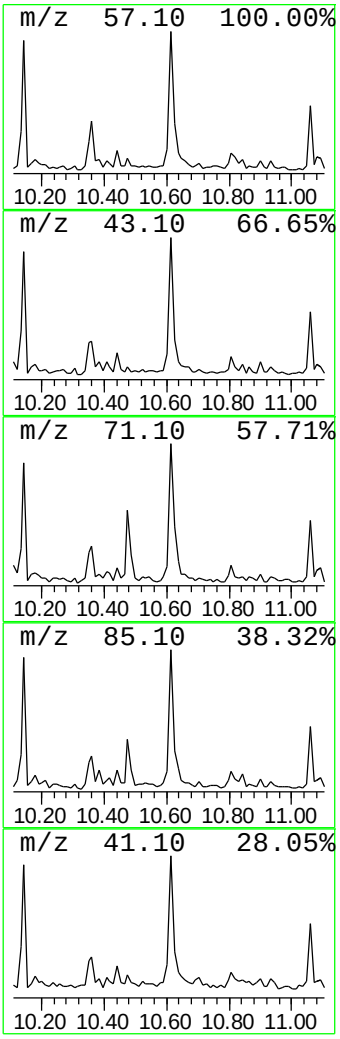
Peak Number 4 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	2.79 ng	176443	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Pentadecane	212	C15H32	000629-62-9	90





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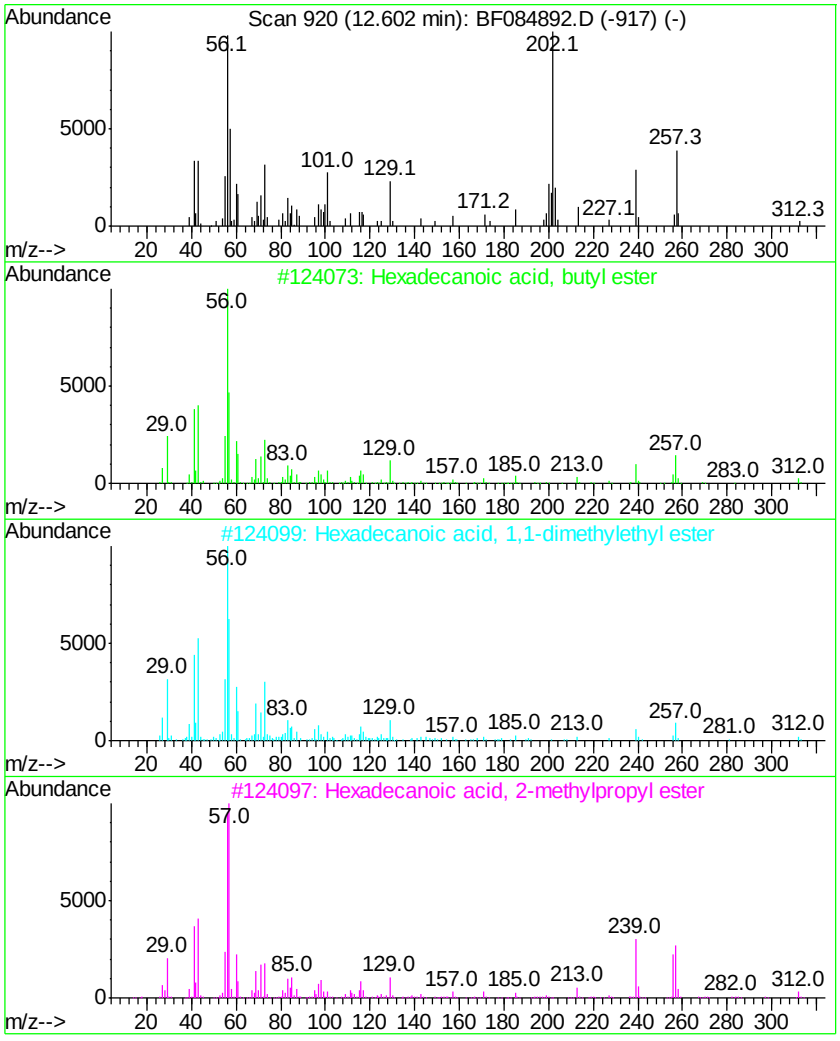
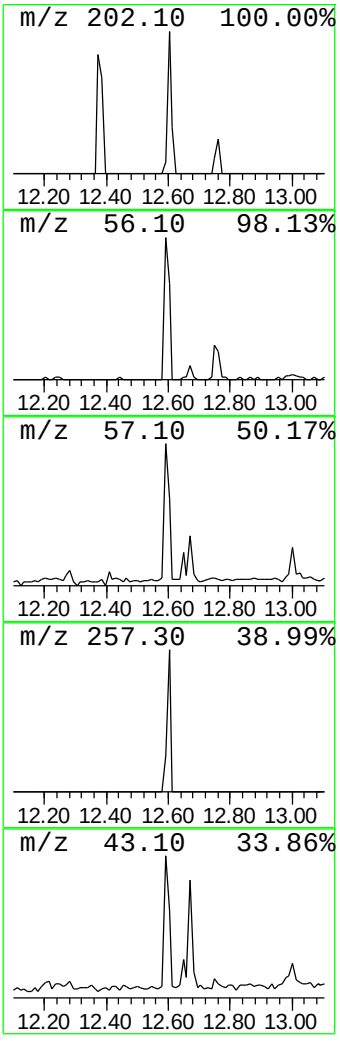
Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.57 ng	170504	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	84
4	Pyrene	202	C16H10	000129-00-0	38
5	Fluoranthene	202	C16H10	000206-44-0	35





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Instrument : BNA_F
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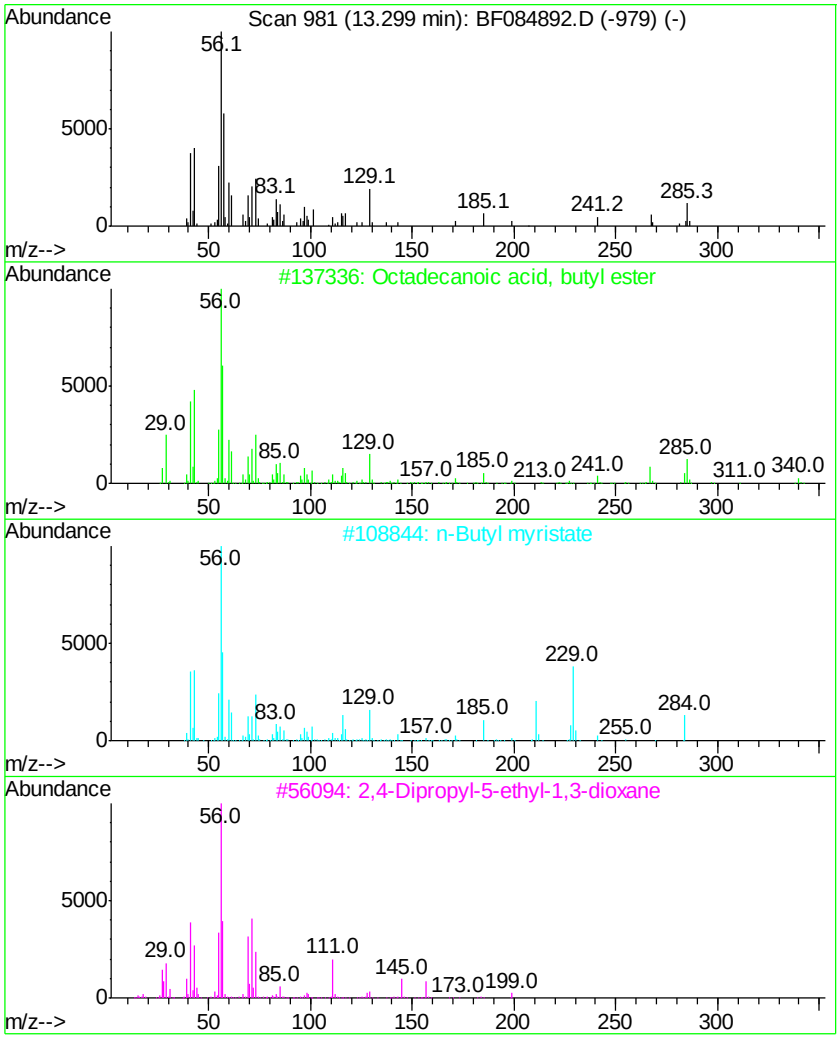
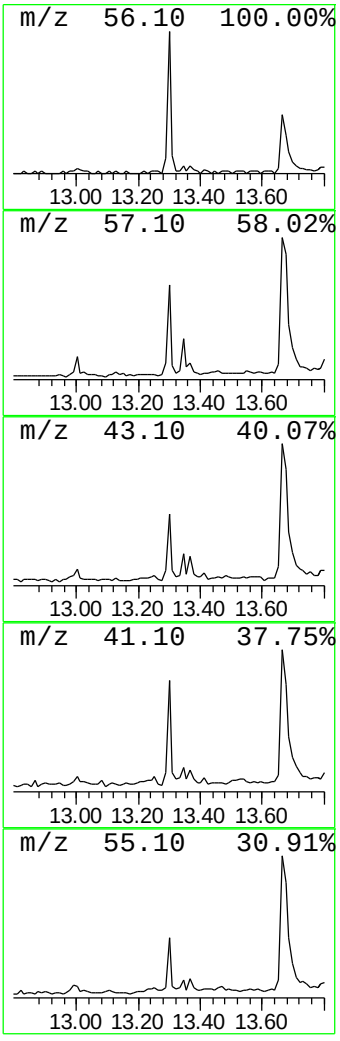
Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.34 ng	111611	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	43
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
5	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35





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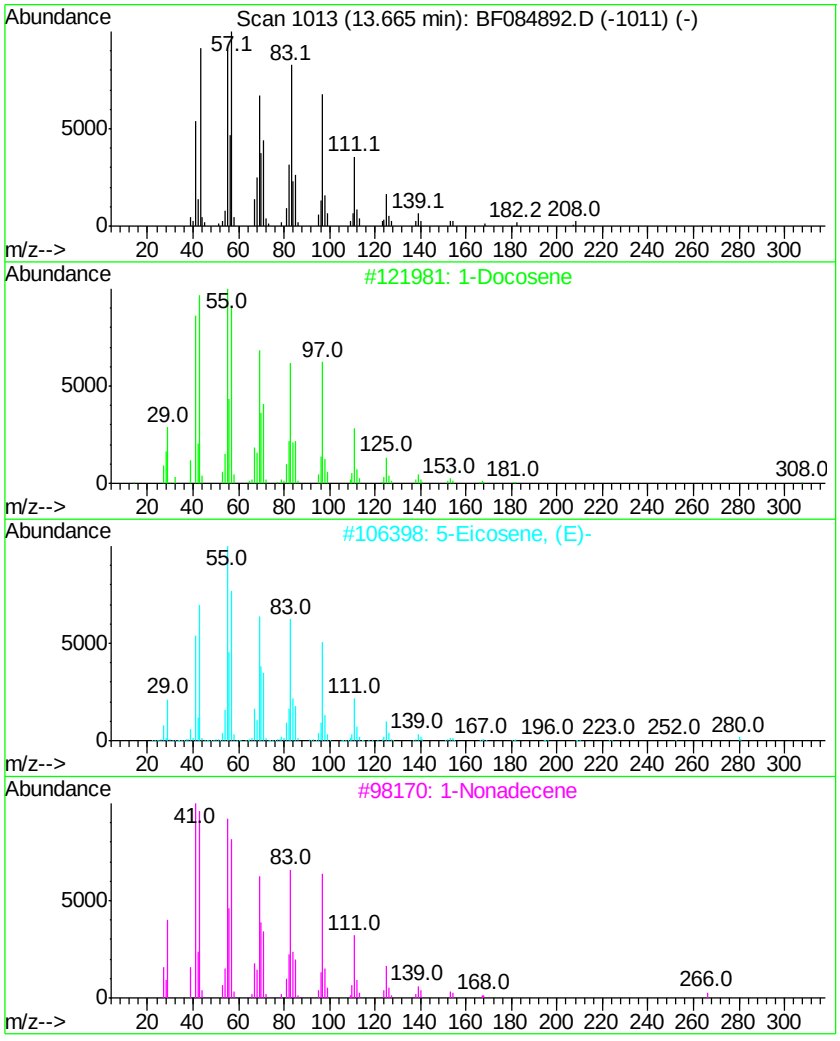
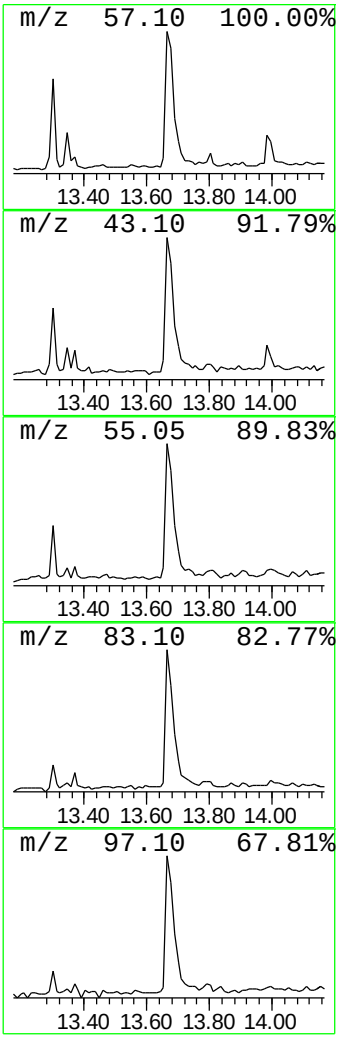
Peak Number 7 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	7.52 ng	358855	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	28.7	ng	1503620	1	6.66	1046690	20.0
unknown6.43	6.43	74.5	ng	3897310	1	6.66	1046690	20.0
Nonadecane	10.61	2.8	ng	176443	4	11.17	1263670	20.0
Hexadecanoic acid...	12.60	3.6	ng	170504	5	13.80	953898	20.0
Octadecanoic acid...	13.30	2.3	ng	111611	5	13.80	953898	20.0
1-Docosene	13.67	7.5	ng	358855	5	13.80	953898	20.0