LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085674.D
Acq On : 22 Mar 2016 22:32
Operator : UM/SJ
Sample : H1857-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(12-14)

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-BF031816.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	3.681	119	122	125	rBV3	167986	210078	5.37%	0.618%
2	4.493	191	193	196	rVB	50113	65139	1.67%	0.191%
3	5.019	237	239	248	rVB	278245	469112	12.00%	1.379%
4	5.441	273	276	278	rBV	2453909	3504396	89.65%	10.301%
5	6.470	363	366	368	rBV	2723602	3225819	82.52%	9.482%
6	6.596	375	377	380	rBV	2553226	3437048	87.92%	10.103%
7	6.824	395	397	400	rBV	530290	706600	18.08%	2.077%
8	6.984	409	411	414	rBV	2435750	2466792	63.10%	7.251%
9	7.396	444	447	450	rBV	1975594	2097069	53.65%	6.164%
10	8.116	507	510	512	rBV	1119337	1015248	25.97%	2.984%
11	9.190	601	604	607	rBV	3066800	3723262	95.24%	10.945%
12	9.590	636	639	641	rBV	597326	608530	15.57%	1.789%
13	9.808	655	658	660	rBV	56725	67370	1.72%	0.198%
14	9.865	661	663	666	rVB	1052572	1114599	28.51%	3.276%
15	10.299	699	701	703	rVB	114761	112331	2.87%	0.330%
16	10.516	717	720	724	rBV	41469	77512	1.98%	0.228%
17	10.665	729	733	735	rBV2	2053748	2880630	73.69%	8.468%
18	10.779	741	743	749	rVB	90793	160924	4.12%	0.473%
19	11.225	780	782	783	rBV	48048	55241	1.41%	0.162%
20	11.351	790	793	795	rBV	1475324	1267068	32.41%	3.725%
21	11.876	837	839	850	rVB2	116540	165944	4.25%	0.488%
22	12.939	929	932	934	rBV	3720088	3909159	100.00%	11.491%
23	13.831	1007	1010	1019	rBV	520600	755708	19.33%	2.221%
24	13.979	1021	1023	1026	rBV	1116291	1064731	27.24%	3.130%
25	14.471	1063	1066	1071	rBV4	22561	59874	1.53%	0.176%
26	15.397	1144	1147	1150	rBV	606591	755297	19.32%	2.220%
27	15.900	1188	1191	1193	rBV2	17454	43795	1.12%	0.129%

Sum of corrected areas: 34019276

LSC Report - Integrated Chromatogram

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Instrument : BNA_F
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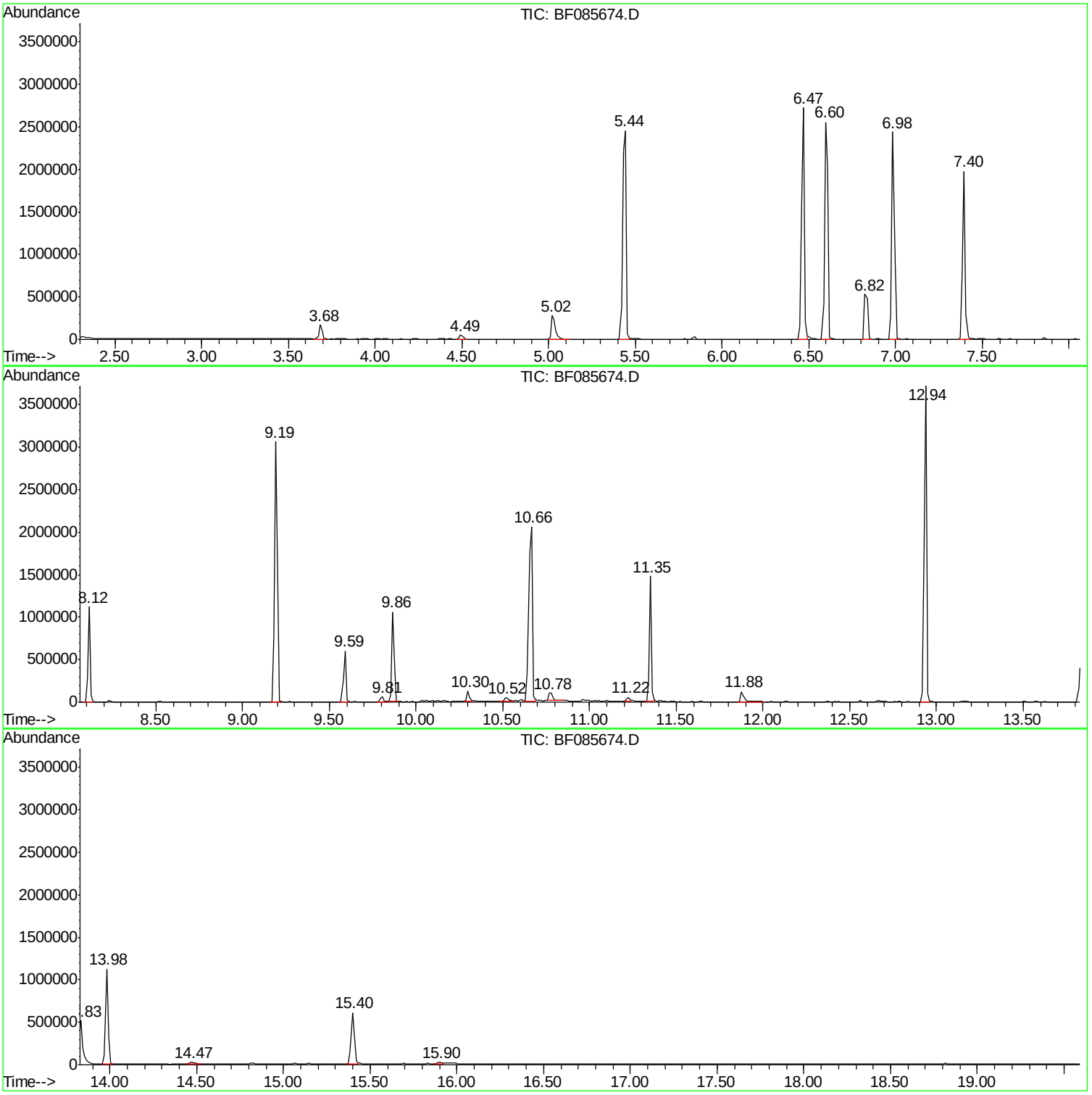
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
ClientSampleId : SB-03(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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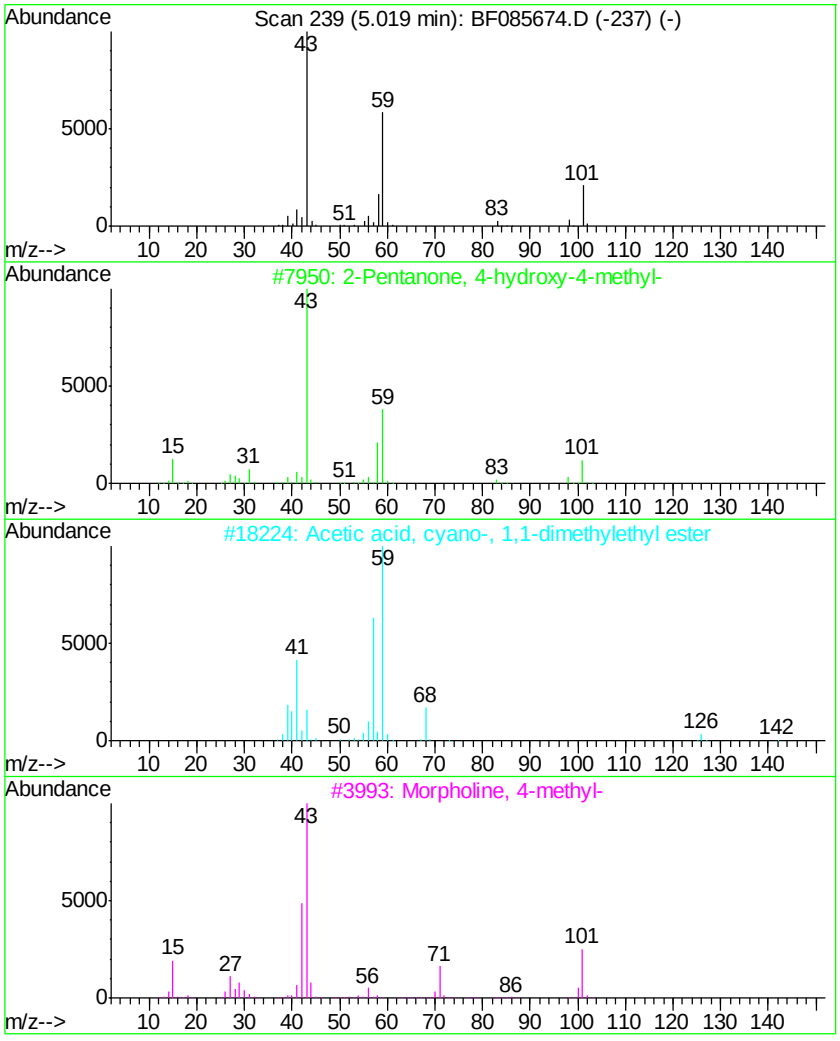
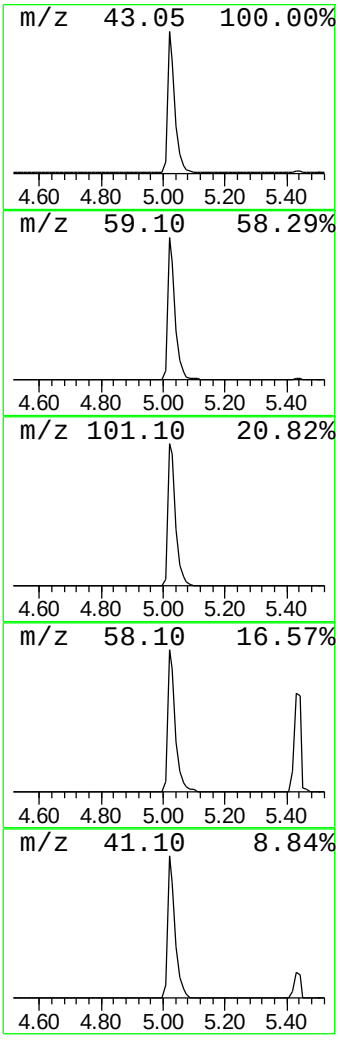
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	13.28 ng	469112	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	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : SB-03(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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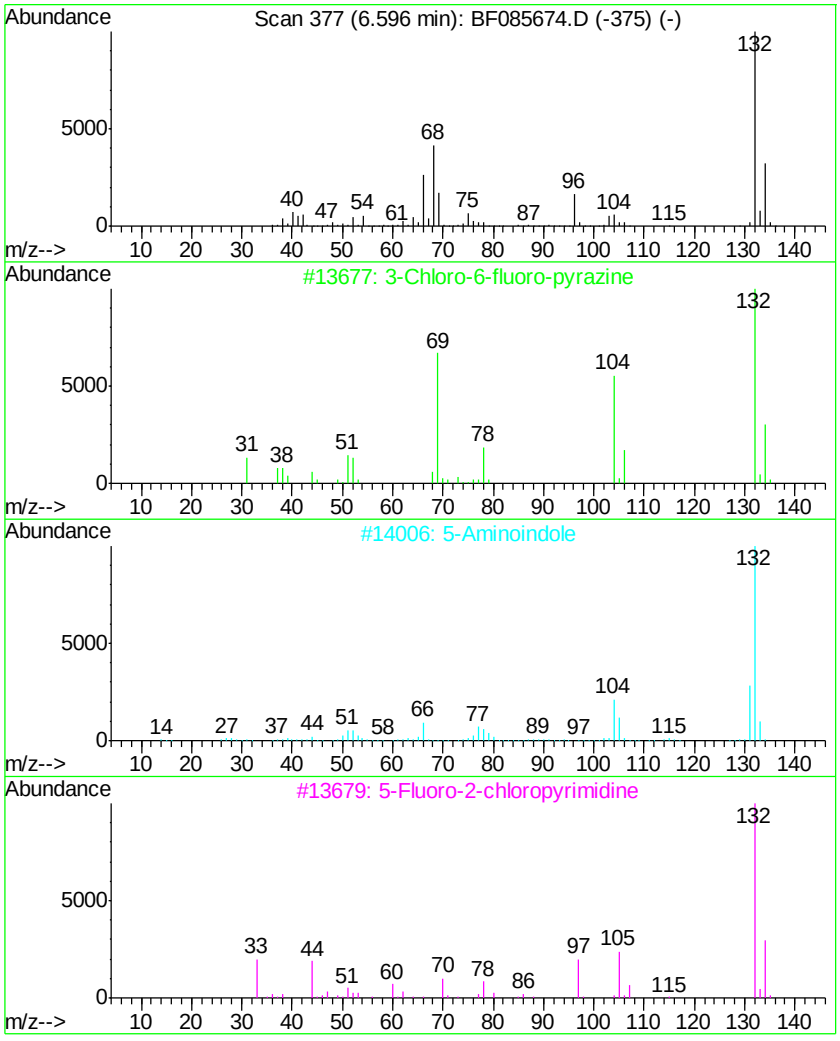
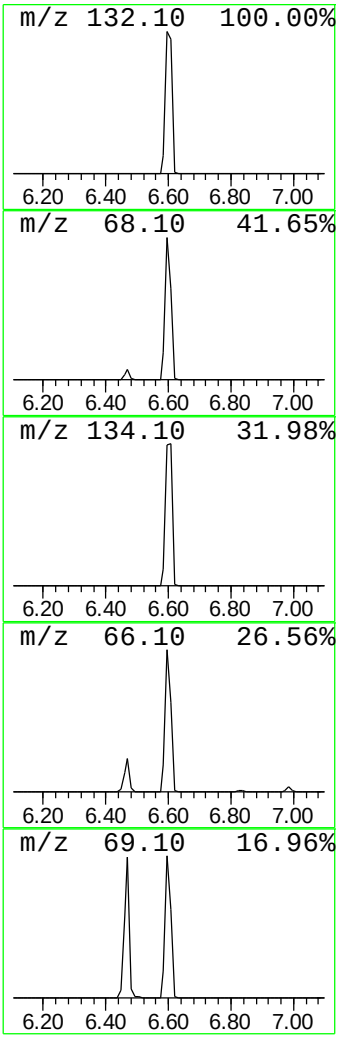
Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	97.28 ng	3437050	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-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : UM/SJ
Sample : H1857-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-03(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
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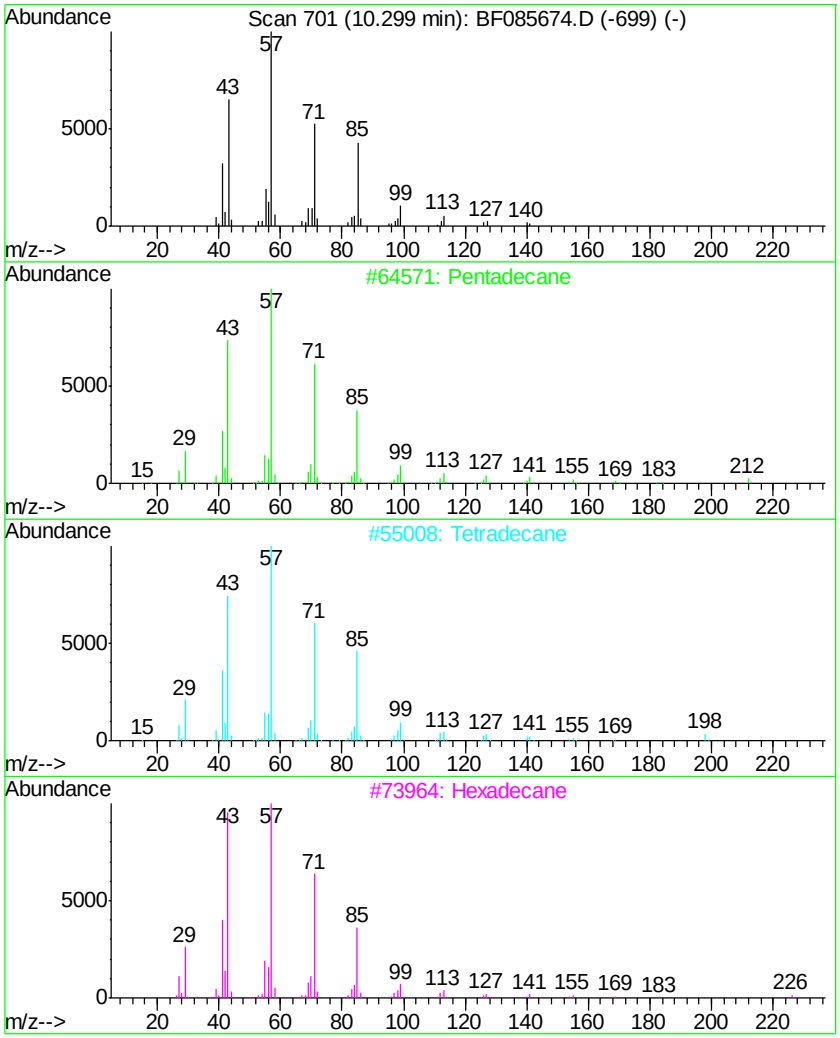
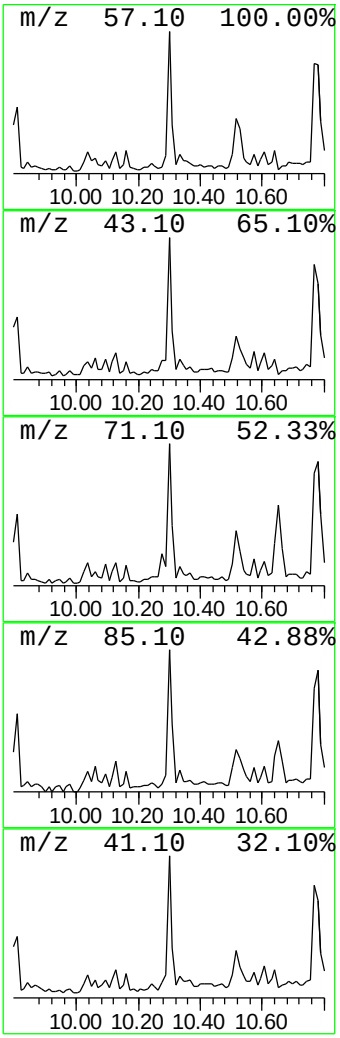
Peak Number 5 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.02 ng	112331	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Tridecane	184	C13H28	000629-50-5	59





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ClientSampleId : SB-03(12-14)

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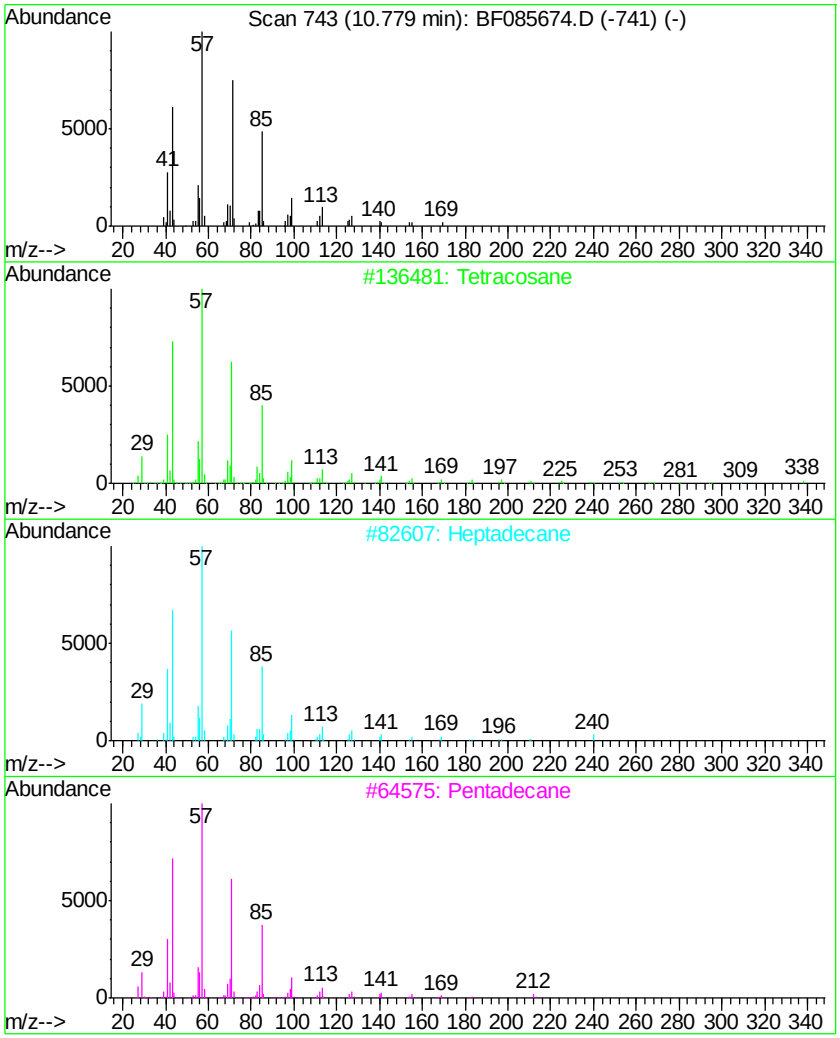
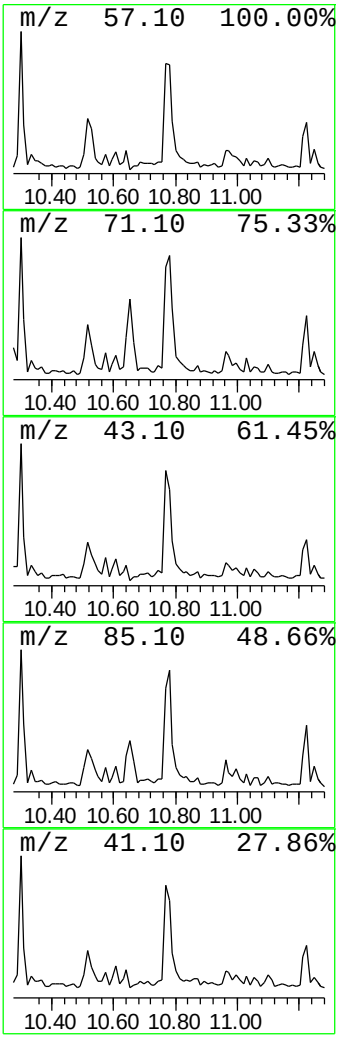
Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.54 ng	160924	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Hexadecane	226	C16H34	000544-76-3	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
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Operator : UM/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : SB-03(12-14)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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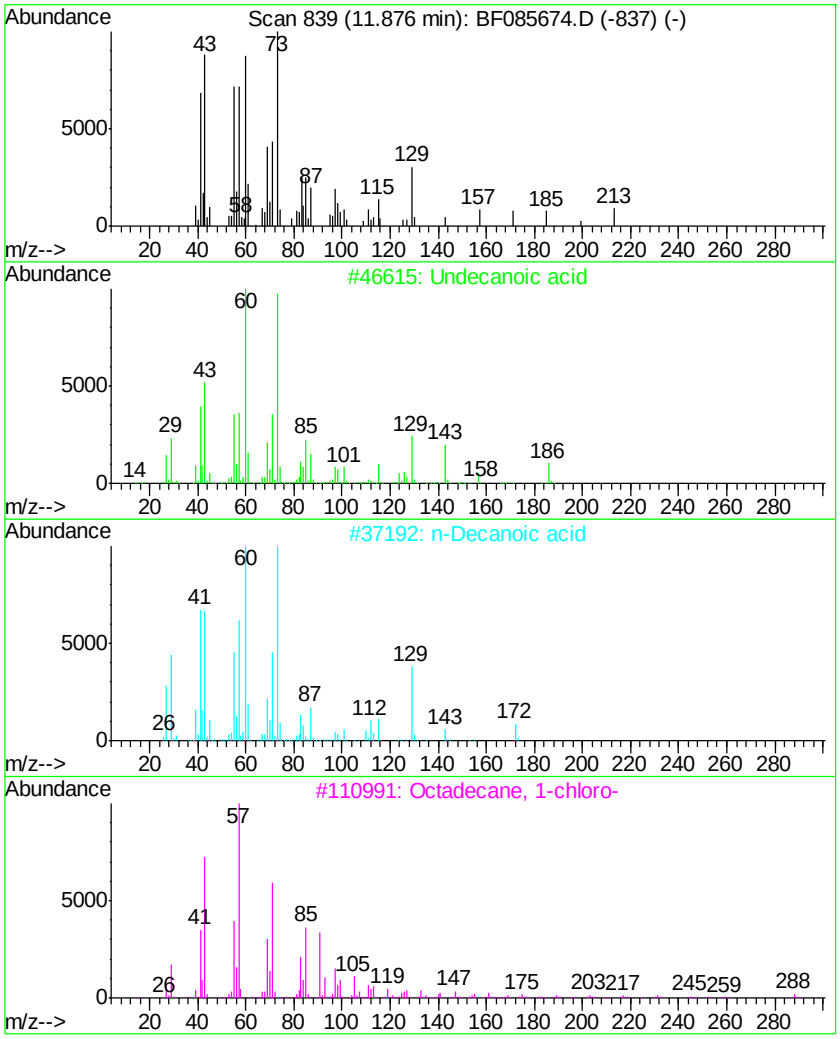
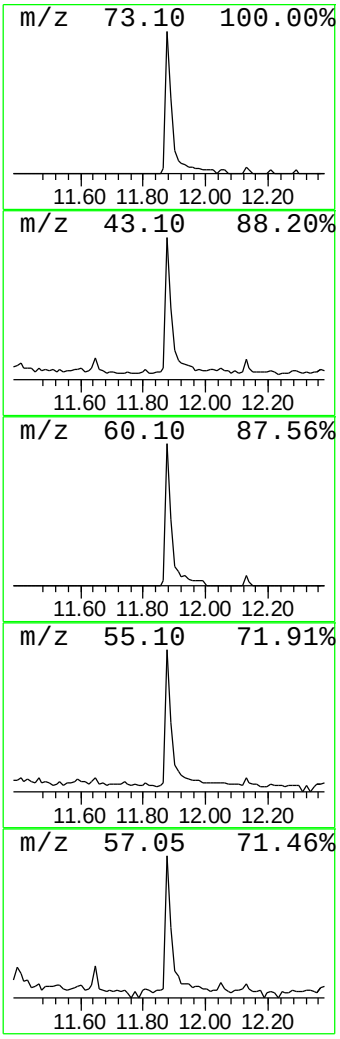
Peak Number 7 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.62 ng	165944	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	86
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14
4	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	14
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	14





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ClientSampleId : SB-03(12-14)

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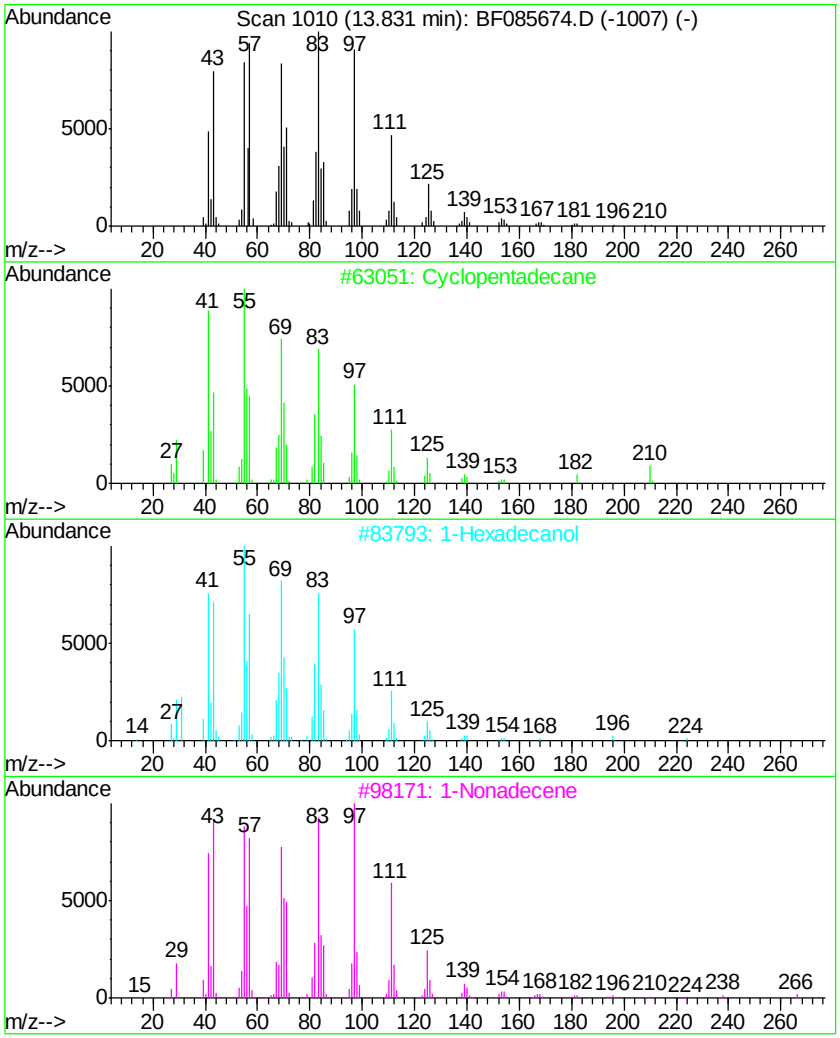
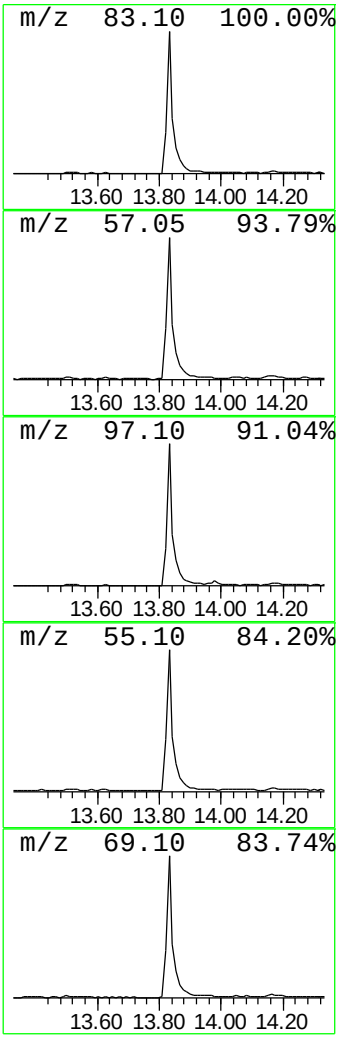
Peak Number 8 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	14.20 ng	755708	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90





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...	5.02	13.3	ng	469112	1	6.84	706600	20.0
unknown6.60	6.60	97.3	ng	3437050	1	6.84	706600	20.0
Pentadecane	10.30	2.0	ng	112331	3	9.86	1114600	20.0
Tetracosane	10.78	2.5	ng	160924	4	11.35	1267070	20.0
Undecanoic acid	11.88	2.6	ng	165944	4	11.35	1267070	20.0
Cyclopentadecane	13.83	14.2	ng	755708	5	13.98	1064730	20.0