LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083485.D
Acq On : 4 Dec 2015 3:57
Operator : UM/IZ
Sample : G4588-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

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-BF113015.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	4.624	255	257	270	rVB	328593	534756	10.64%	1.528%
2	5.116	298	300	315	rBV	2040646	2530706	50.37%	7.231%
3	6.202	392	395	402	rBV	1449381	1731449	34.46%	4.948%
4	6.304	402	404	406	rBV	4193214	4279952	85.19%	12.230%
5	6.522	421	423	426	rBV	704295	931993	18.55%	2.663%
6	6.682	435	437	440	rBV	3203491	3467792	69.03%	9.909%
7	7.104	471	474	476	rBV	3183366	3206540	63.83%	9.163%
8	7.722	526	528	531	rBV	83342	98645	1.96%	0.282%
9	7.813	534	536	539	rBV	1167519	1169959	23.29%	3.343%
10	8.865	624	628	629	rBV	86818	111859	2.23%	0.320%
11	8.899	629	631	633	rBV	5531424	5023852	100.00%	14.355%
12	9.299	664	666	668	rBV	272260	251280	5.00%	0.718%
13	9.562	687	689	691	rBV	1355581	1248888	24.86%	3.569%
14	9.996	724	727	728	rBV2	27374	52968	1.05%	0.151%
15	10.351	755	758	760	rBV	2665735	2731164	54.36%	7.804%
16	10.488	768	770	775	rVB	47621	76329	1.52%	0.218%
17	10.979	808	813	815	rBV3	63022	104274	2.08%	0.298%
18	11.093	820	823	826	rBV	1042661	1046357	20.83%	2.990%
19	11.493	855	858	860	rVB	53878	58222	1.16%	0.166%
20	11.791	882	884	889	rBV2	177241	259760	5.17%	0.742%
21	12.865	975	978	985	rBV	156315	257389	5.12%	0.735%
22	13.185	1002	1006	1009	rBV	3153010	4072317	81.06%	11.636%
23	14.614	1128	1131	1136	rBV2	38553	74712	1.49%	0.213%
24	14.705	1136	1139	1142	rBV	673426	879370	17.50%	2.513%
25	16.774	1317	1320	1327	rBV	497515	716389	14.26%	2.047%
26	18.340	1454	1457	1463	rBV6	25255	79250	1.58%	0.226%

Sum of corrected areas: 34996172

LSC Report - Integrated Chromatogram

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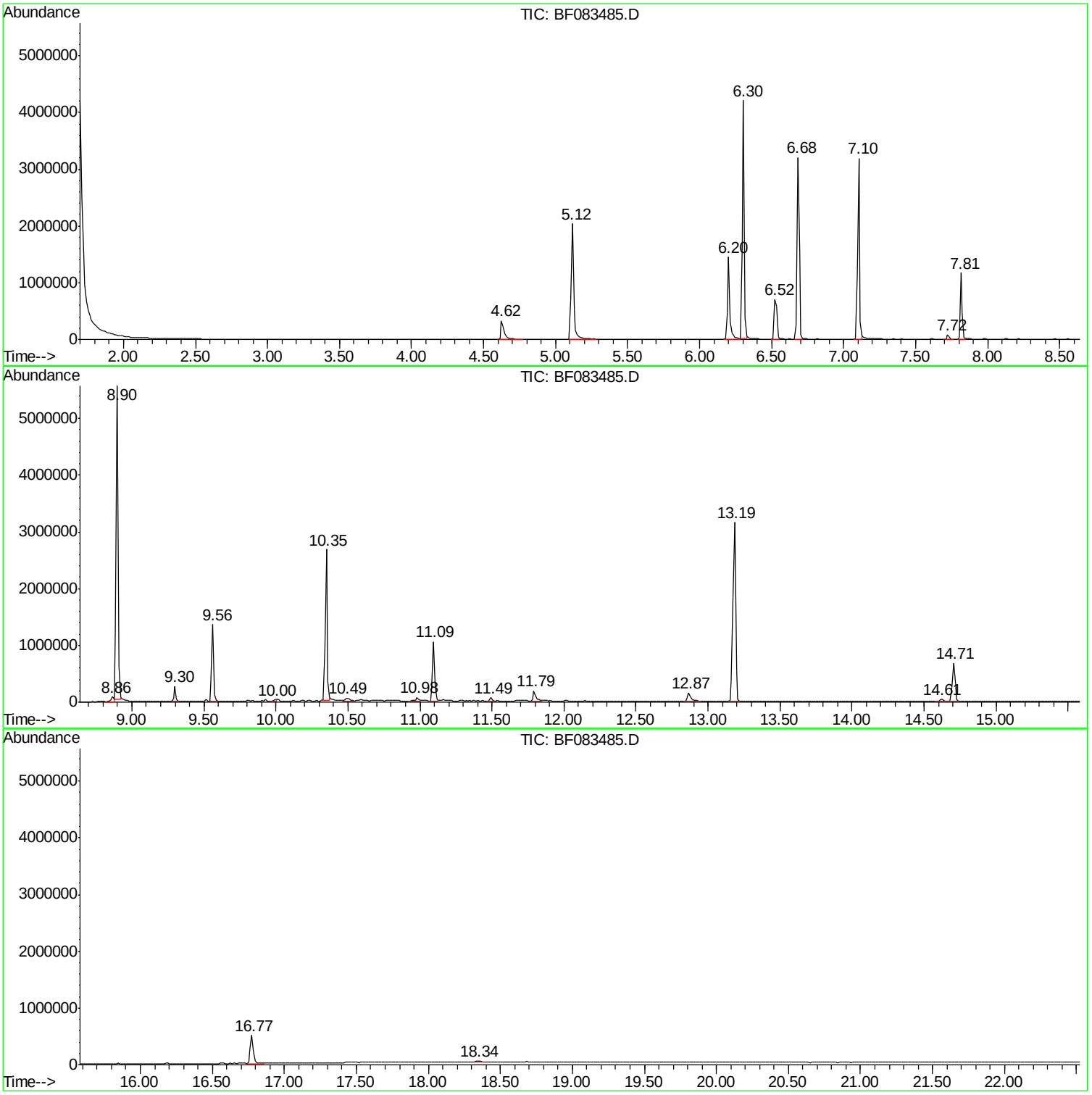
Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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Data File : BF083485.D
Acq On : 4 Dec 2015 3:57
Operator : UM/IZ
Sample : G4588-01
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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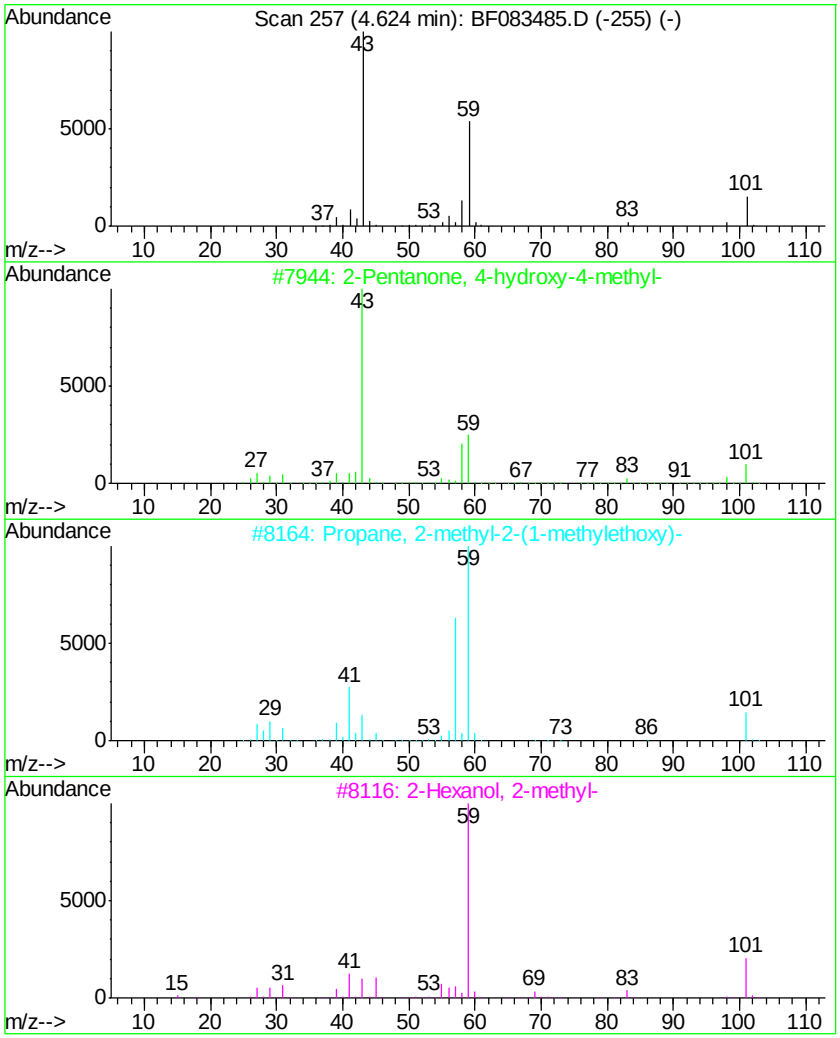
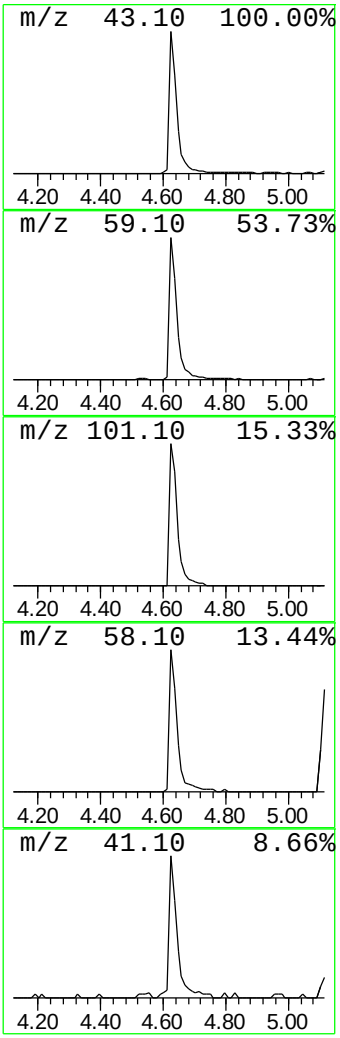
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	11.48 ng	534756	1,4-Dichlorobenzene-d4	6.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Misc :
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Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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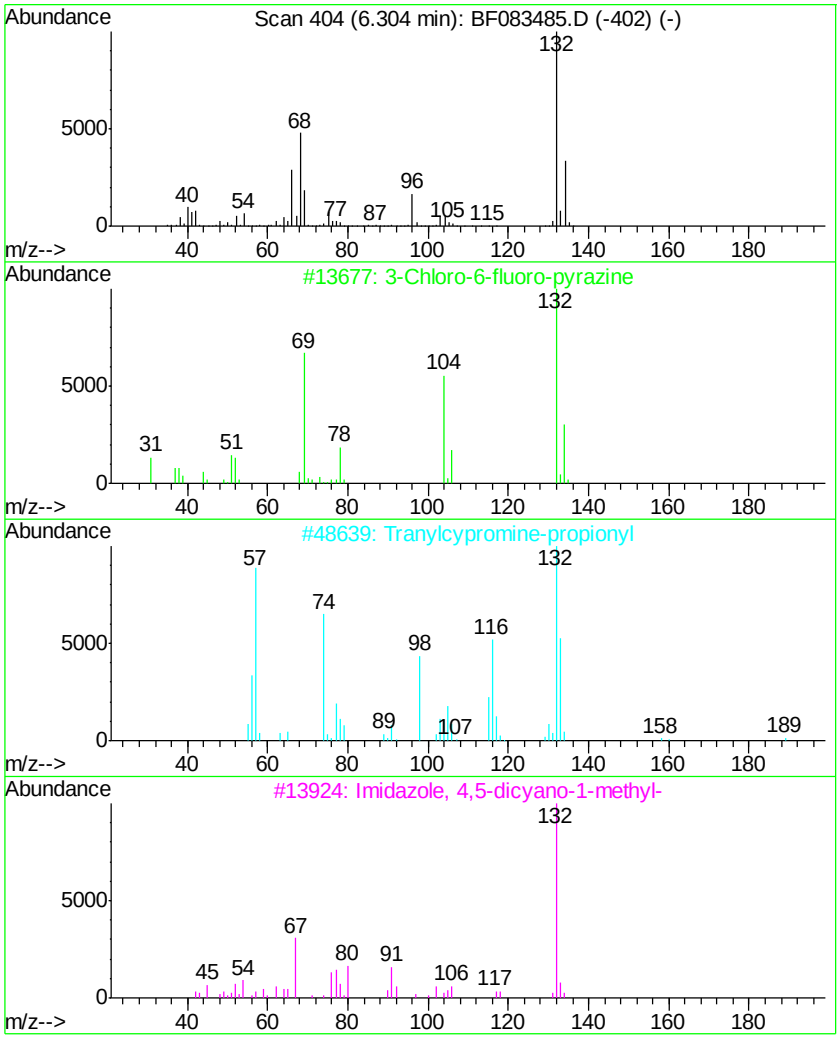
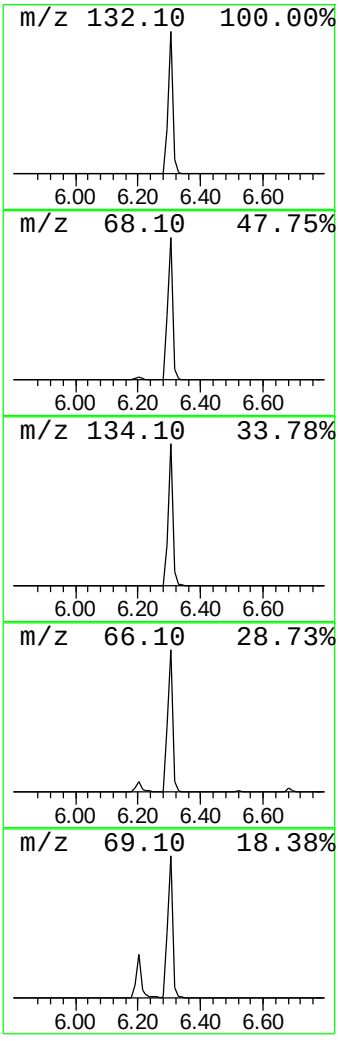
Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	91.85 ng	4279950	1,4-Dichlorobenzene-d4	6.53

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	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083485.D
Acq On : 4 Dec 2015 3:57
Operator : UM/IZ
Sample : G4588-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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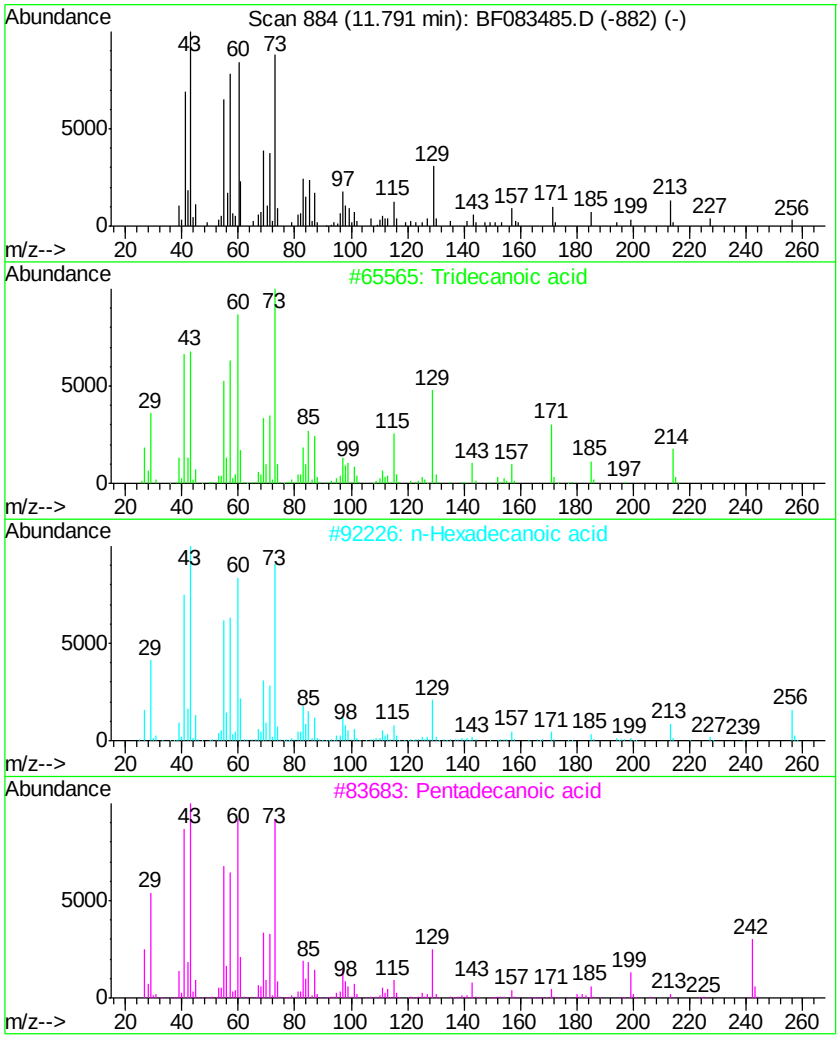
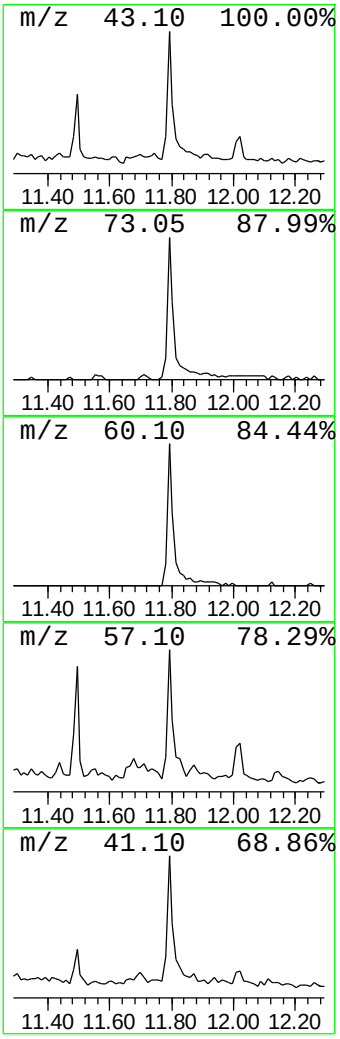
Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.97 ng	259760	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Operator : UM/IZ
Sample : G4588-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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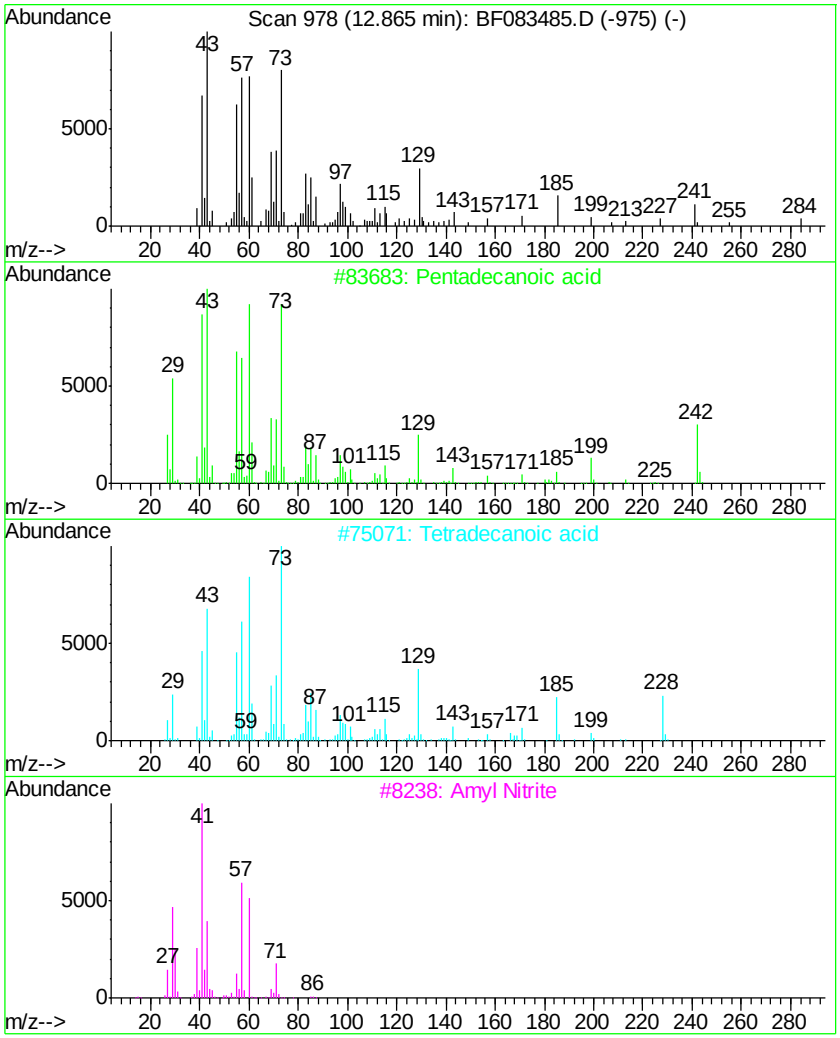
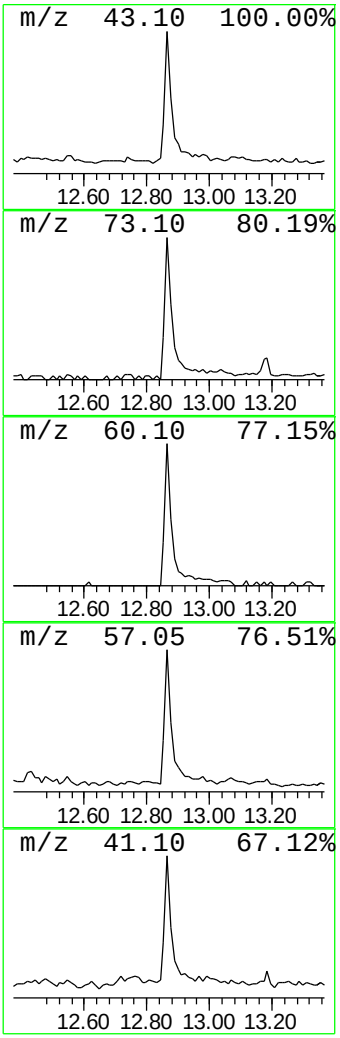
Peak Number 5 Pentadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.92 ng	257389	Phenanthrene-d10	11.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Amyl Nitrite	117	C5H11NO2	000110-46-3	27
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	18
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083485.D
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Operator : UM/IZ
Sample : G4588-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	4.62	11.5	ng	534756	1	6.53	931993	20.0
unknown6.30	6.30	91.8	ng	4279950	1	6.53	931993	20.0
Tridecanoic acid	11.79	5.0	ng	259760	4	11.09	1046360	20.0
Pentadecanoic acid	12.87	4.9	ng	257389	4	11.09	1046360	20.0