LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085303.D
Acq On : 9 Mar 2016 17:13
Operator : UM/SJ
Sample : H1623-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

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-BF030316.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	2.915	53	55	62	rVB	147413	218248	3.77%	0.393%
2	4.458	187	190	192	rVB	173954	259434	4.48%	0.468%
3	5.167	249	252	262	rVB	918106	1863343	32.21%	3.358%
4	5.579	284	288	290	rBV	3342748	5279217	91.25%	9.514%
5	6.584	372	376	378	rVB	3997120	4810992	83.16%	8.670%
6	6.721	385	388	390	rBV	4727431	5124756	88.58%	9.236%
7	6.950	406	408	410	rBV	1221741	1156857	20.00%	2.085%
8	7.110	419	422	424	rVB	3774536	4435354	76.66%	7.993%
9	7.510	454	457	459	rBV	3060742	3391463	58.62%	6.112%
10	7.933	490	494	495	rBV	29568	60939	1.05%	0.110%
11	8.230	517	520	524	rBV2	1707751	1867443	32.28%	3.366%
12	8.562	547	549	556	rVB	85118	113274	1.96%	0.204%
13	8.939	580	582	585	rVB	64773	59010	1.02%	0.106%
14	9.305	611	614	617	rBV	4165616	5785550	100.00%	10.427%
15	9.990	671	674	676	rBV	1473509	1563767	27.03%	2.818%
16	10.516	715	720	724	rVB3	63652	119034	2.06%	0.215%
17	10.779	739	743	746	rBV	3313935	3640217	62.92%	6.560%
18	11.133	771	774	777	rBV	63638	71543	1.24%	0.129%
19	11.476	801	804	806	rBV	1690081	1686925	29.16%	3.040%
20	12.002	846	850	852	rBV	1461234	1542097	26.65%	2.779%
21	12.391	882	884	890	rBV2	39422	60232	1.04%	0.109%
22	12.711	908	912	915	rBV2	139682	298519	5.16%	0.538%
23	12.802	915	920	922	rVV	2481879	3951317	68.30%	7.121%
24	12.882	925	927	930	rVB	86516	104942	1.81%	0.189%
25	13.065	940	943	946	rVB	4956965	5655138	97.75%	10.192%
26	13.499	979	981	986	rBV	53773	73727	1.27%	0.133%
27	13.579	986	988	990	rVV	66641	65649	1.13%	0.118%
28	14.105	1032	1034	1037	rBV2	1086934	1329357	22.98%	2.396%
29	15.568	1159	1162	1165	rBV	599876	839245	14.51%	1.513%
30	16.311	1224	1227	1231	rVB	32027	59583	1.03%	0.107%

Sum of corrected areas: 55487172

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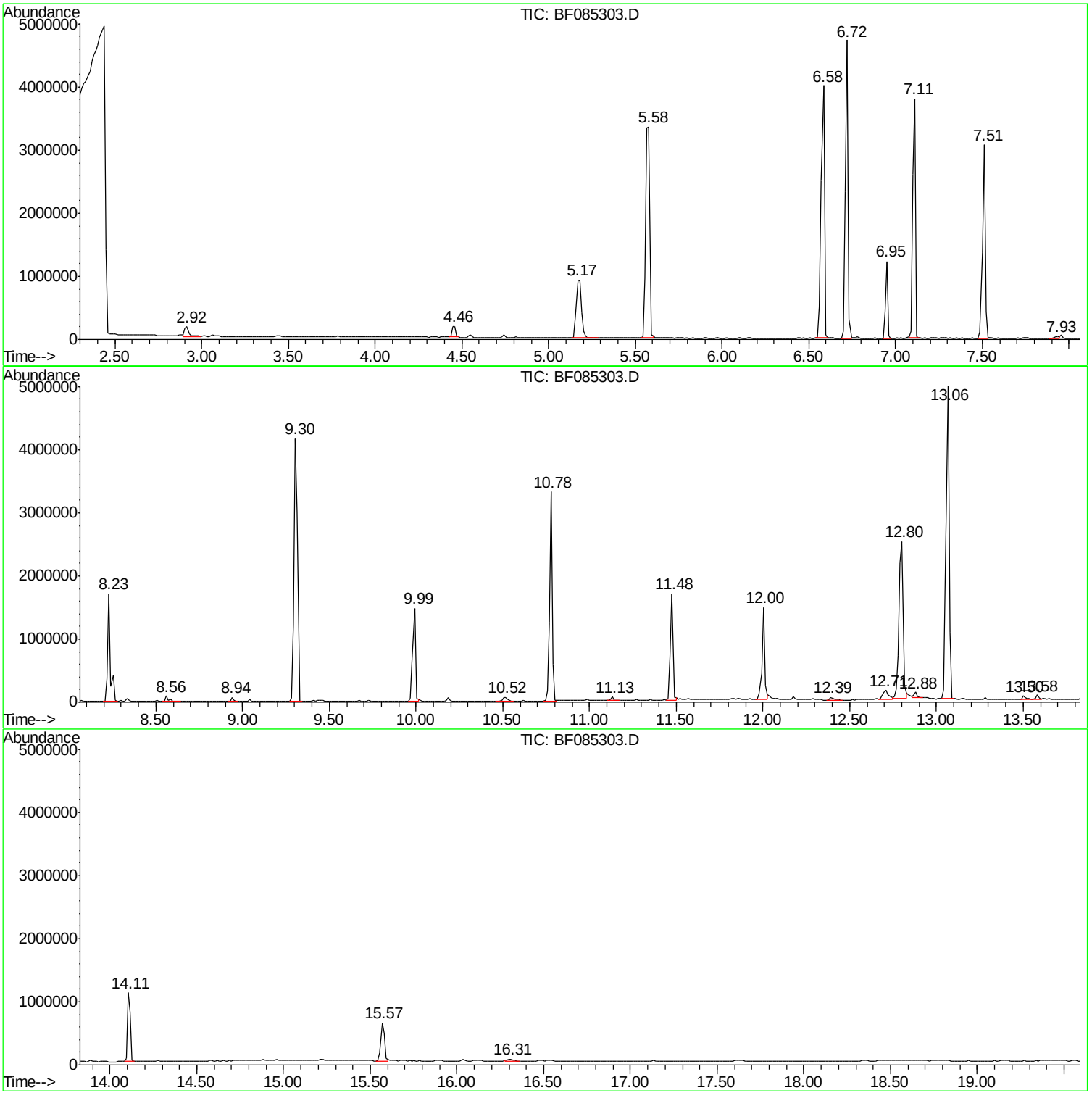
Instrument :
BNA_F
ClientSampleId :
HSR-WC-31-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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 Library : C:\DATABASE\NIST02.L
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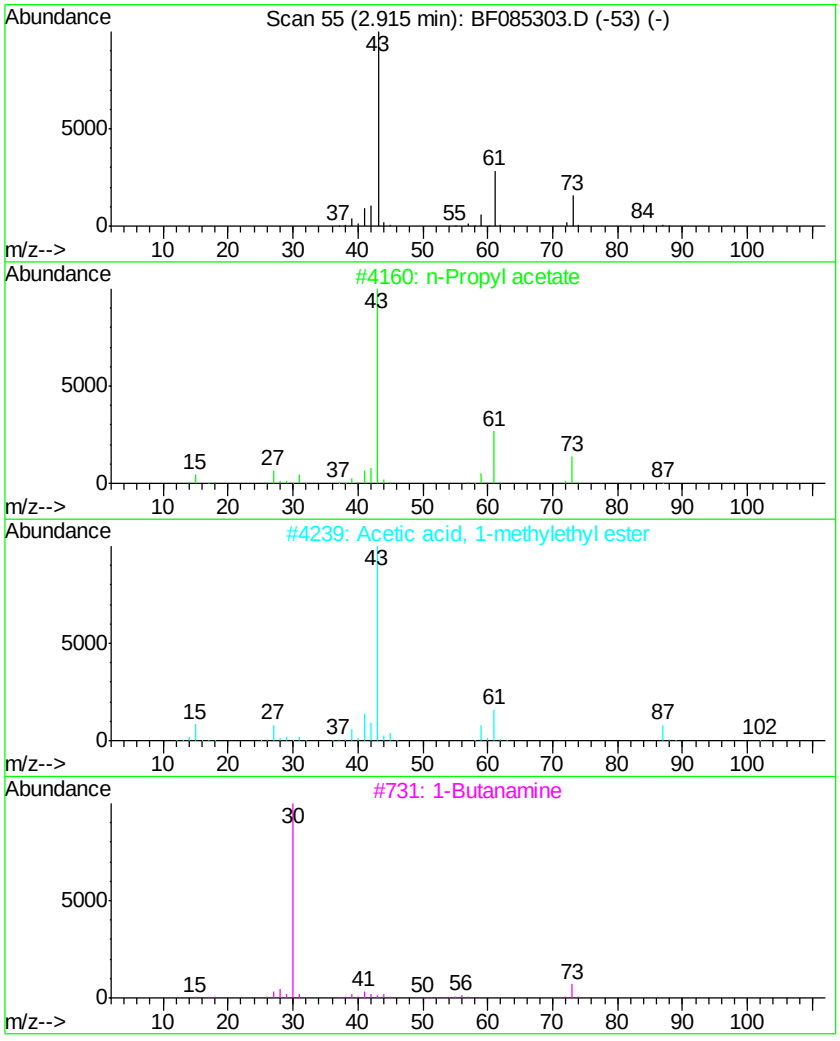
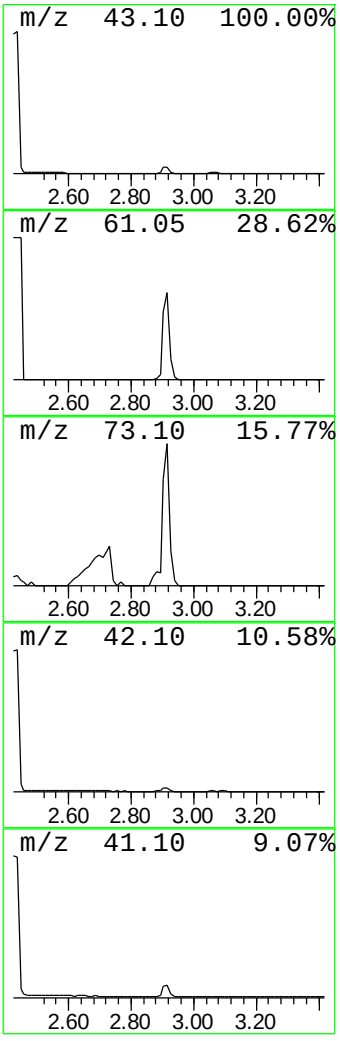
Peak Number 1 n-Propyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.77 ng	218248	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	Acetic acid, 1-methylethyl ester	102	C5H10O2	000108-21-4	9
3	1-Butanamine	73	C4H11N	000109-73-9	7
4	Pentane	72	C5H12	000109-66-0	5
5	Isobutylamine	73	C4H11N	000078-81-9	5





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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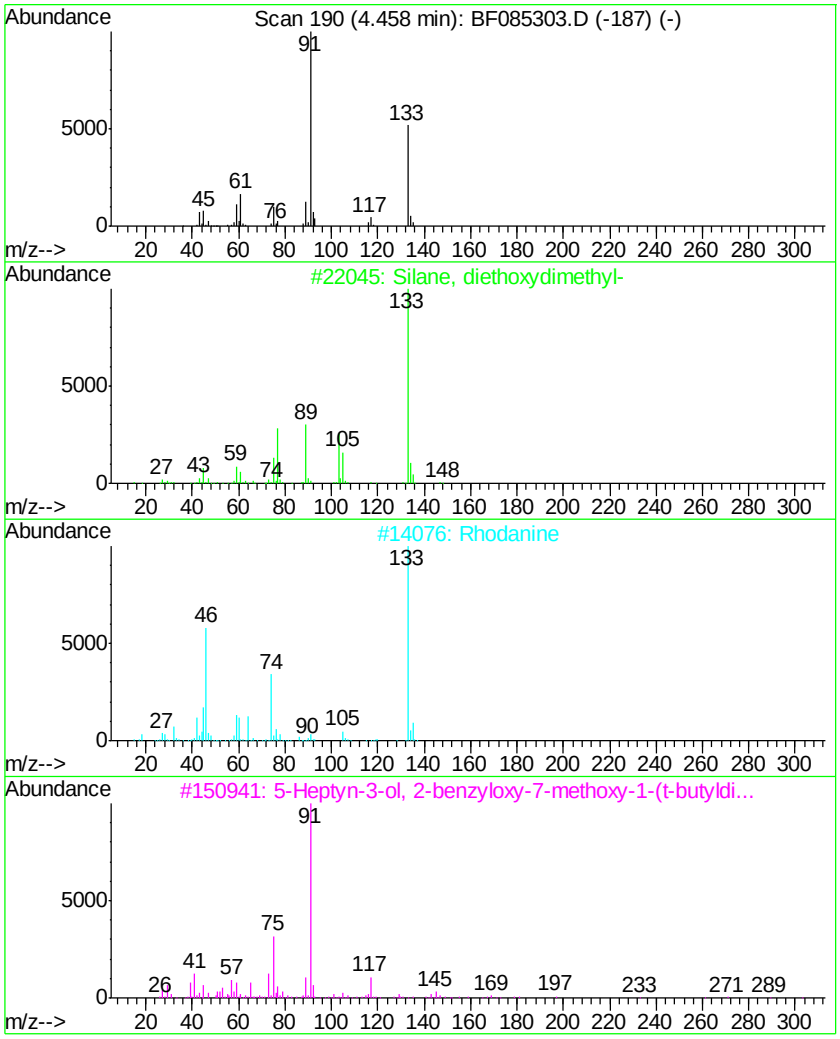
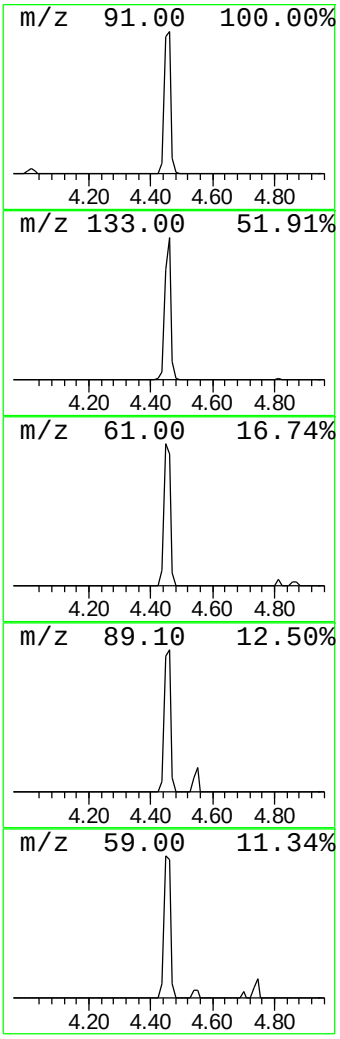
Peak Number 2 unknown4.46 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	4.49 ng	259434	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	38
2	Rhodanine	133	C3H3NOS2	000141-84-4	17
3	5-Heptyn-3-ol, 2-benzyloxy-7-met...	378	C21H34O4Si	1000192-35-5	16
4	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	16
5	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	12





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
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Acq On : 9 Mar 2016 17:13
Operator : UM/SJ
Sample : H1623-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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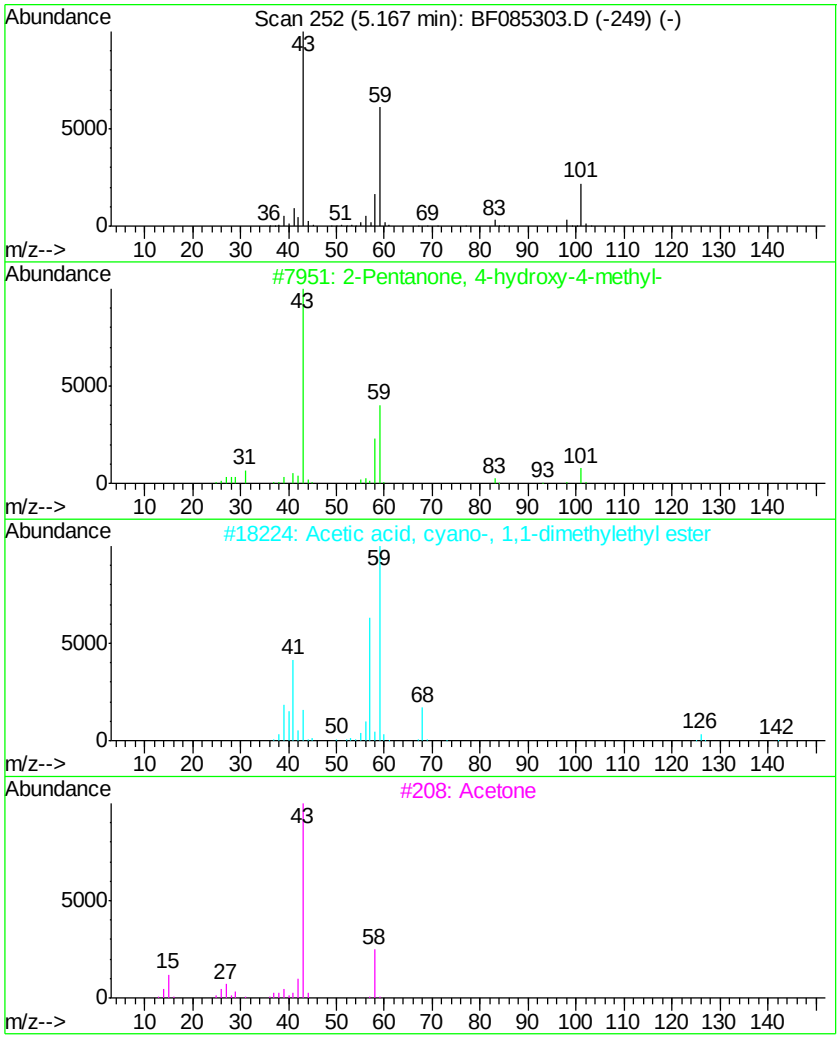
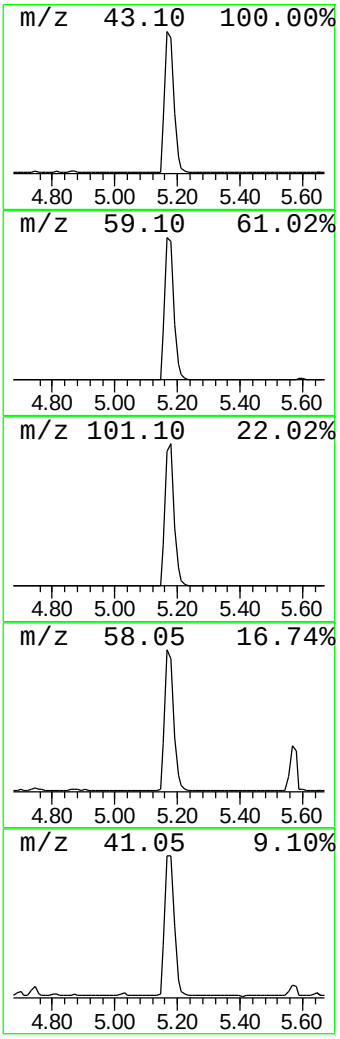
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	32.21 ng	1863340	1,4-Dichlorobenzene-d4	6.95

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
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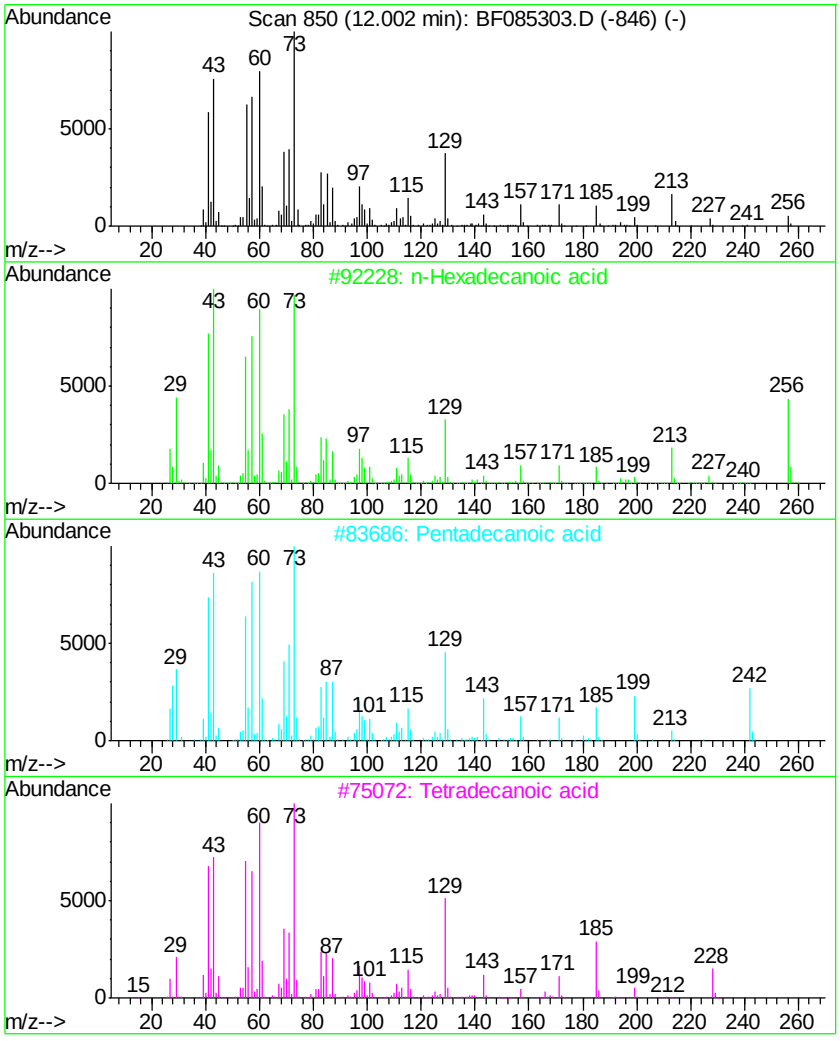
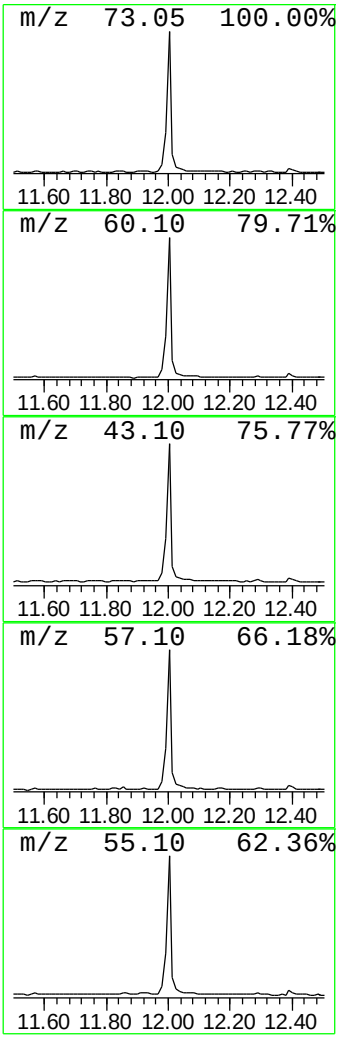
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	18.28 ng	1542100	Phenanthrene-d10	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Operator : UM/SJ
Sample : H1623-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-31-022516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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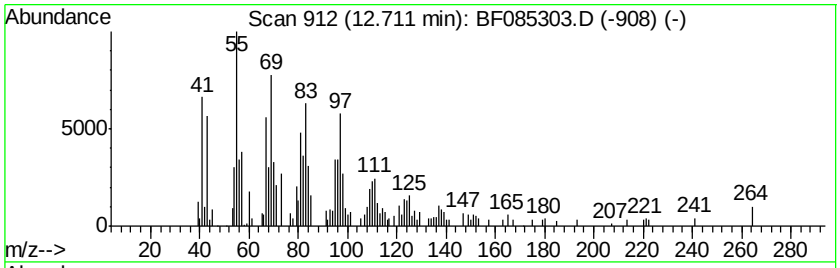
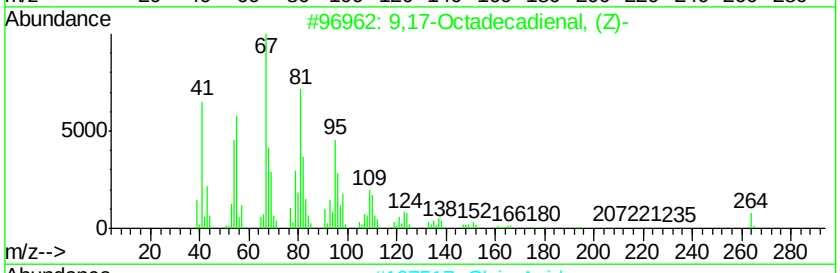
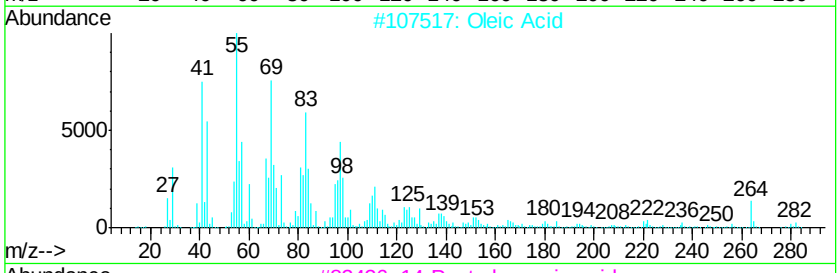
Peak Number 7 9,17-Octadecadienal, (Z)- Concentration Rank 8

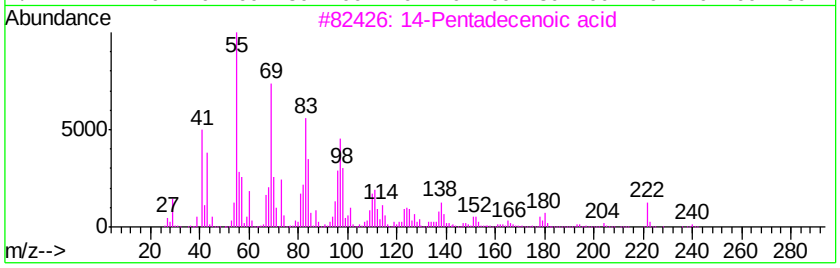
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.54 ng	298519	Phenanthrene-d10	11.48

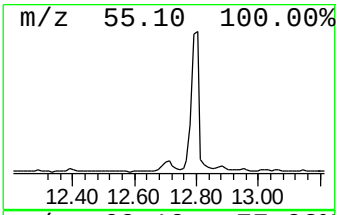
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	70
2	Oleic Acid	282	C18H34O2	000112-80-1	70
3	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	62
4	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	62
5	1-Pentadecanol	228	C15H32O	000629-76-5	60

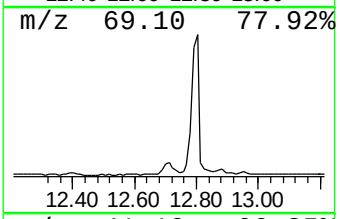


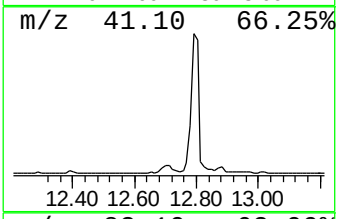


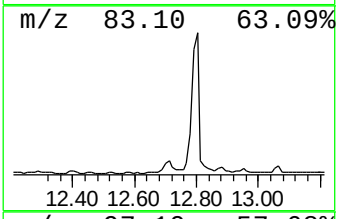


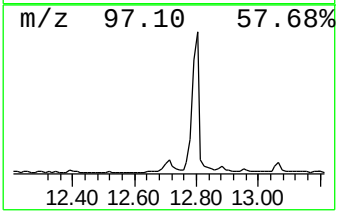












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

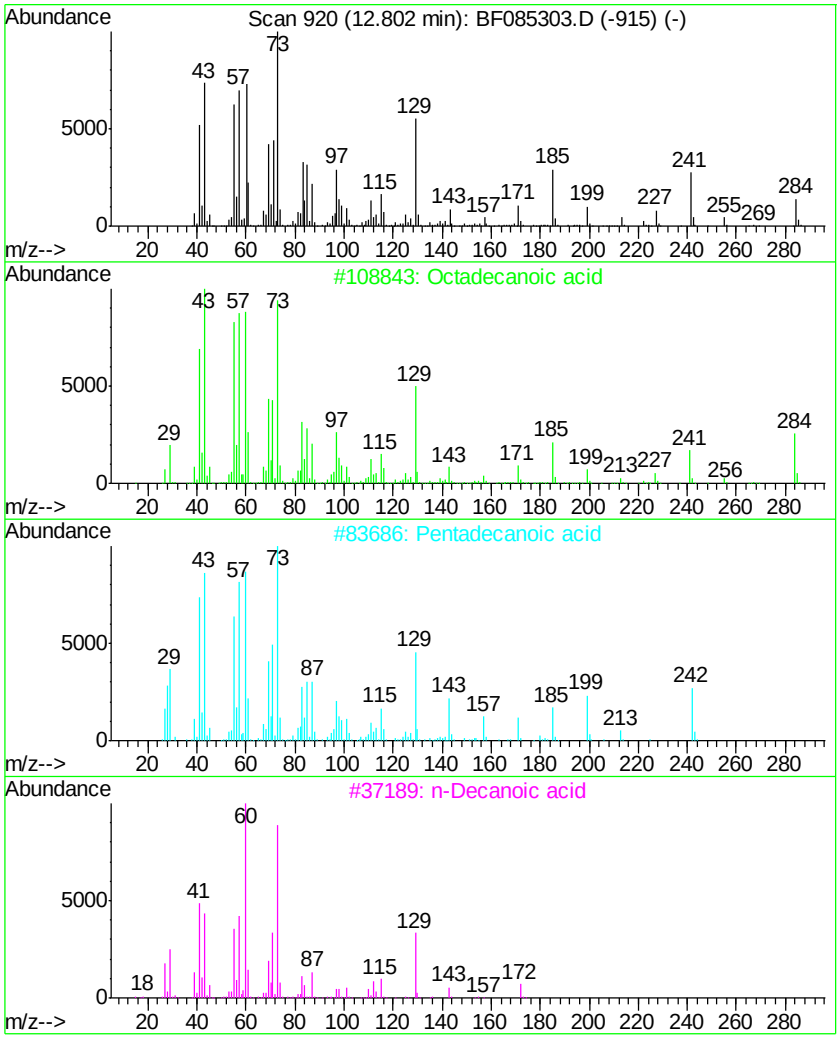
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

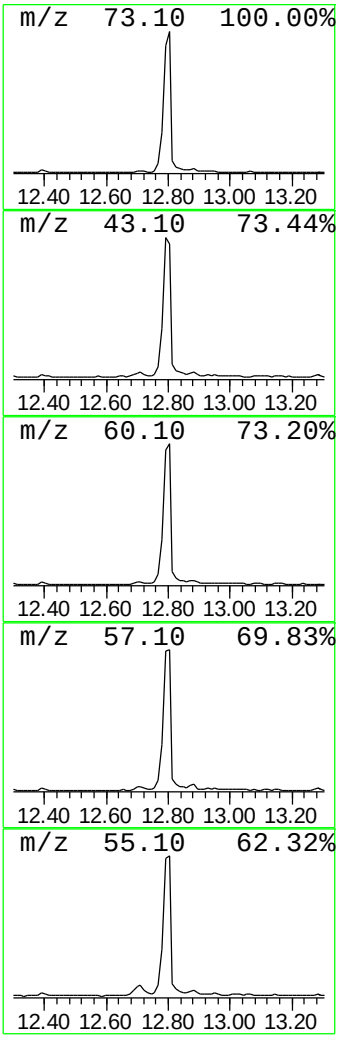
****

Peak Number 8 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	59.45 ng	3951320	Chrysene-d12	14.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	46
5	Hexadecane	226	C16H34	000544-76-3	15





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	2.92	3.8	ng	218248	1	6.95	1156860	20.0
unknown4.46	4.46	4.5	ng	259434	1	6.95	1156860	20.0
2-Pentanone, 4-hy...	5.17	32.2	ng	1863340	1	6.95	1156860	20.0
n-Hexadecanoic acid	12.00	18.3	ng	1542100	4	11.48	1686930	20.0
9,17-Octadecadien...	12.71	3.5	ng	298519	4	11.48	1686930	20.0
Octadecanoic acid	12.80	59.5	ng	3951320	5	14.11	1329360	20.0