LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

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-BF052316.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	4.684	268	271	288	rBV	23789	122792	2.87%	0.416%
2	5.336	326	328	358	rBV	426791	1492261	34.87%	5.061%
3	7.004	471	474	478	rBV	316090	712902	16.66%	2.418%
4	7.073	478	480	491	rVB	1814214	3283288	76.72%	11.135%
5	7.416	509	510	523	rBV	367120	769106	17.97%	2.608%
6	7.656	528	531	547	rVB	1532019	2720958	63.58%	9.228%
7	8.342	588	591	604	rBV	1622230	2488053	58.14%	8.438%
8	8.513	604	606	619	rVB	22942	72664	1.70%	0.246%
9	9.062	651	654	662	rVB2	26252	65796	1.54%	0.223%
10	9.450	686	688	705	rBV	499675	1004073	23.46%	3.405%
11	11.222	840	843	846	rBV	2718717	4279518	100.00%	14.513%
12	11.508	865	868	875	rVB	252562	379652	8.87%	1.288%
13	11.942	904	906	912	rBV	67671	151940	3.55%	0.515%
14	12.274	933	935	942	rBV	752985	1052698	24.60%	3.570%
15	13.108	1004	1008	1010	rVB2	39929	51645	1.21%	0.175%
16	13.577	1046	1049	1059	rVV	1963365	2995828	70.00%	10.160%
17	13.874	1073	1075	1080	rBV	60007	120633	2.82%	0.409%
18	13.954	1080	1082	1086	rBV	33131	81437	1.90%	0.276%
19	14.628	1135	1141	1144	rBV2	37485	114210	2.67%	0.387%
20	14.685	1144	1146	1156	rVB	553166	1042821	24.37%	3.536%
21	15.097	1177	1182	1186	rBV	82107	166161	3.88%	0.563%
22	15.588	1223	1225	1230	rVB	26383	52456	1.23%	0.178%
23	15.668	1230	1232	1236	rBV	59844	114938	2.69%	0.390%
24	16.777	1326	1329	1334	rVB	127236	210702	4.92%	0.715%
25	17.040	1349	1352	1355	rBV	3218230	4094009	95.67%	13.884%
26	17.874	1422	1425	1428	rBV	71096	81081	1.89%	0.275%
27	18.103	1443	1445	1450	rBV	57414	110103	2.57%	0.373%
28	18.286	1459	1461	1469	rBV	28928	47327	1.11%	0.160%
29	18.400	1469	1471	1480	rBV	497447	881080	20.59%	2.988%
30	19.086	1527	1531	1535	rVB3	18733	47241	1.10%	0.160%
31	19.269	1545	1547	1551	rVB	33948	63702	1.49%	0.216%
32	20.091	1616	1619	1630	rBV	259403	616322	14.40%	2.090%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 29487397

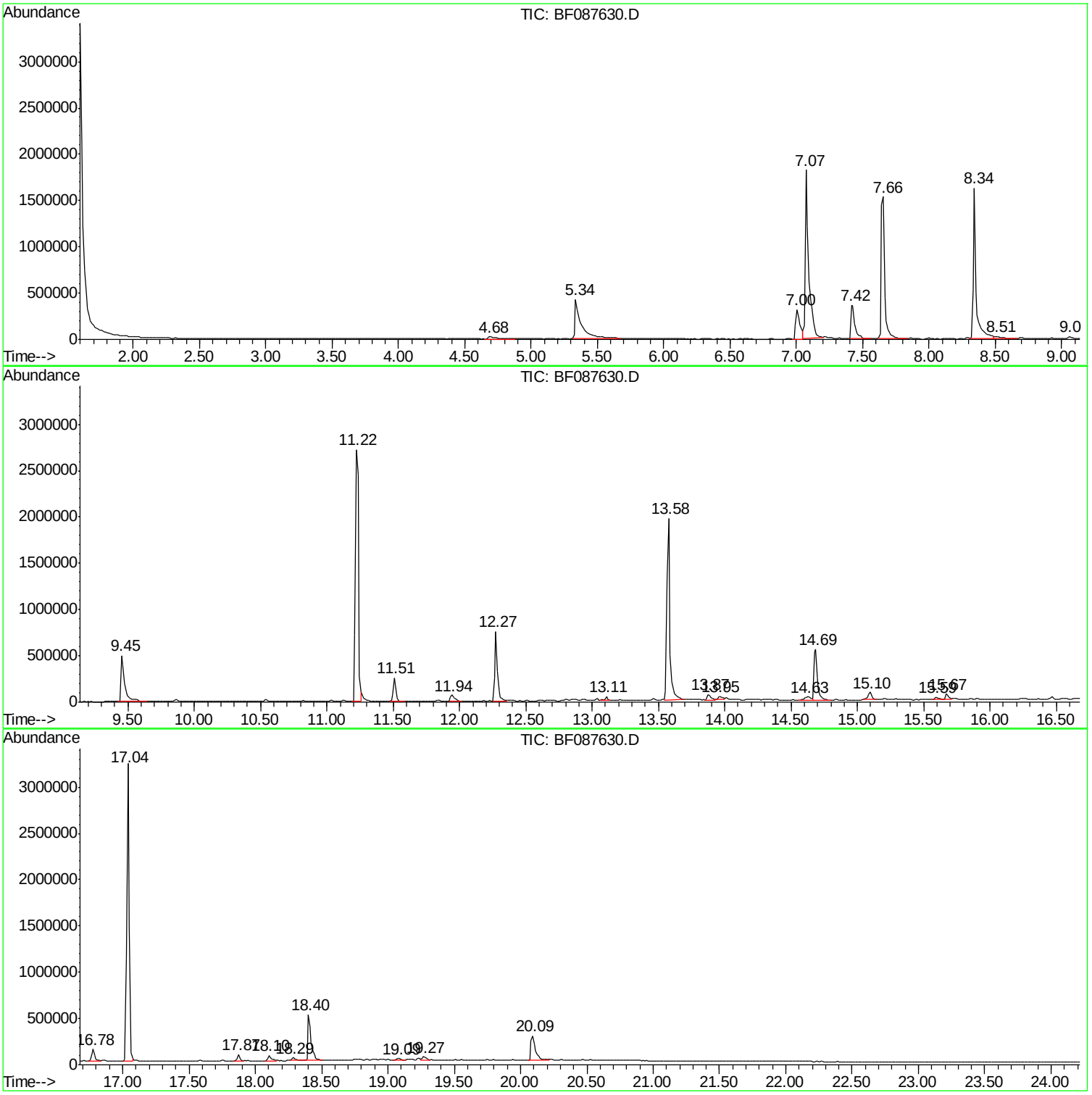
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
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Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

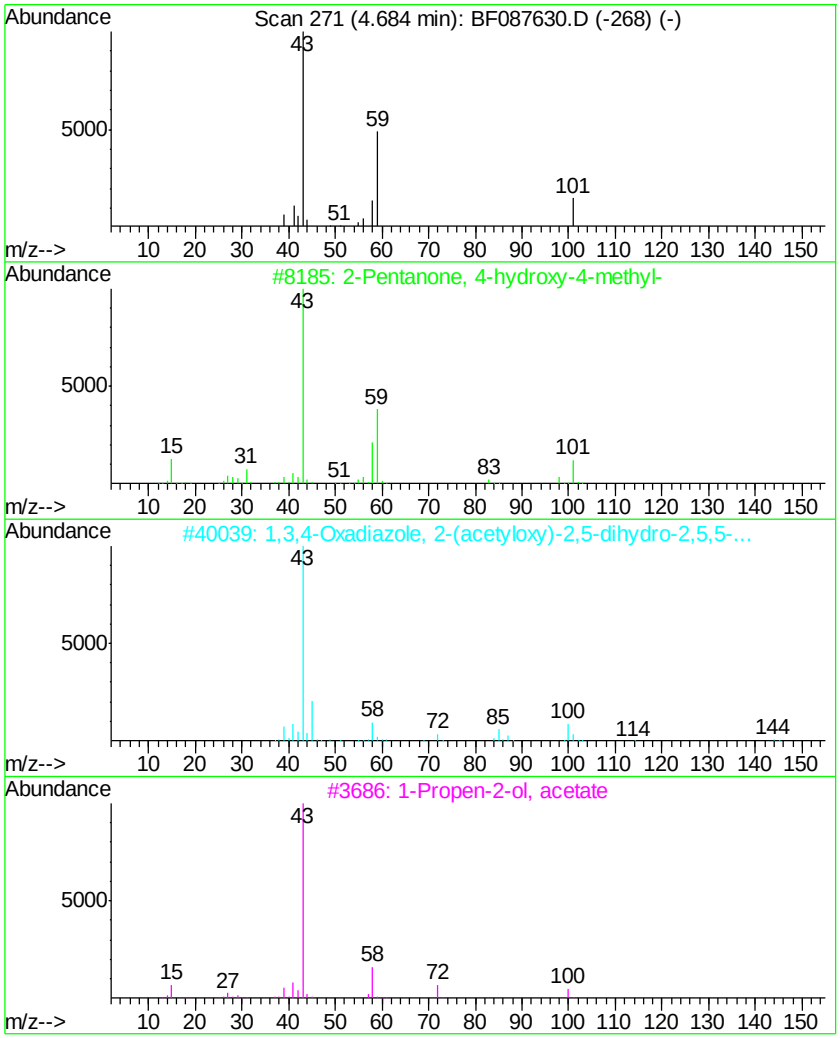
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

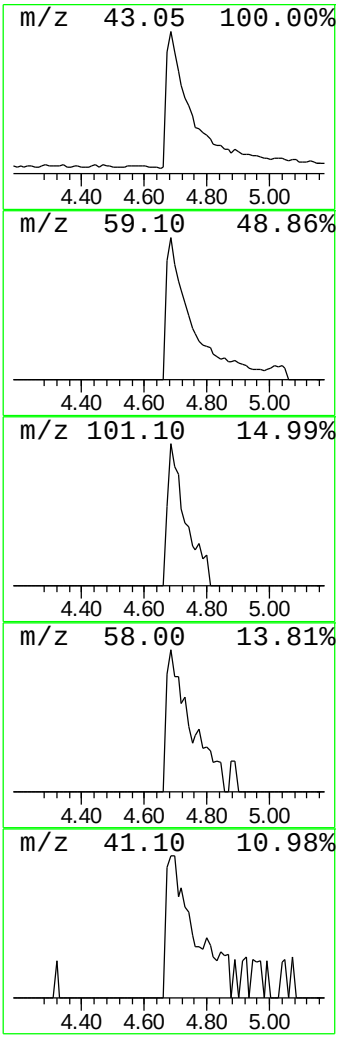
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.19 ng	122792	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	1,3,4-Oxadiazole, 2-(acetyloxy)-...	172	C7H12N2O3	066398-57-0	9
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

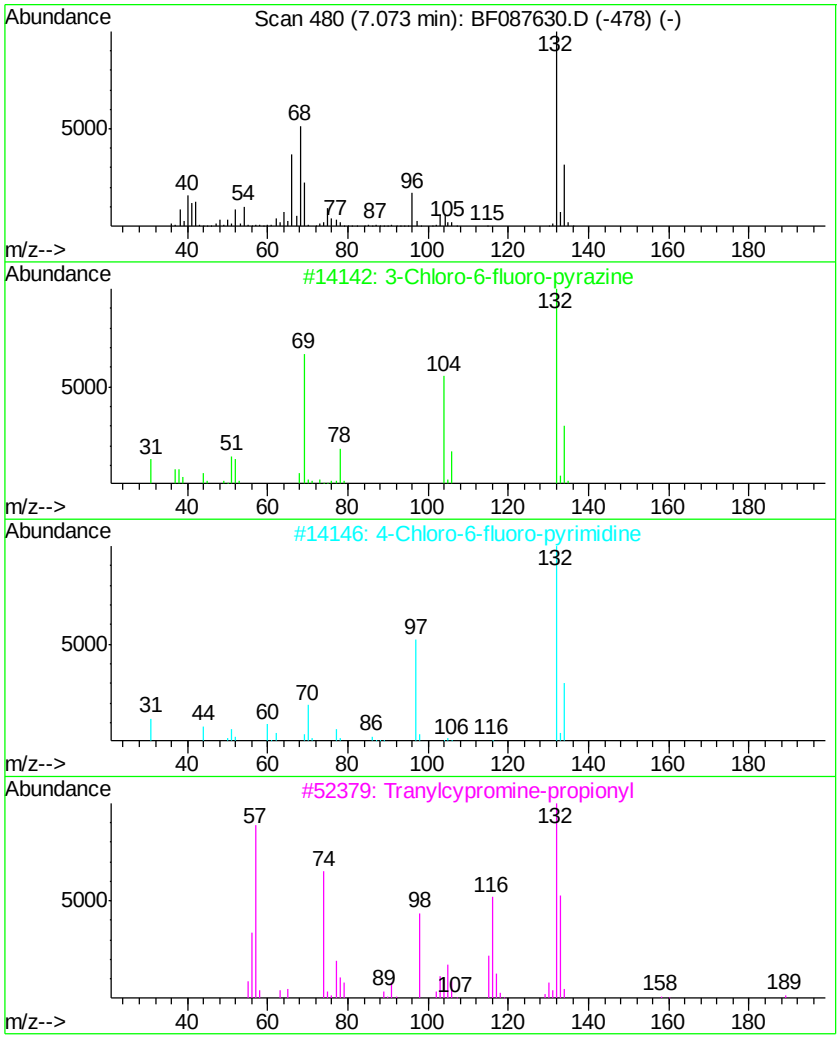
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

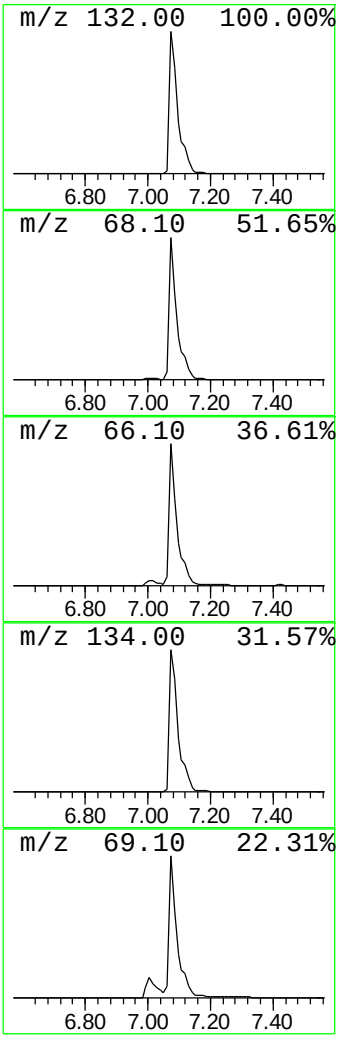
****

Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	85.38 ng	3283290	1,4-Dichlorobenzene-d4	7.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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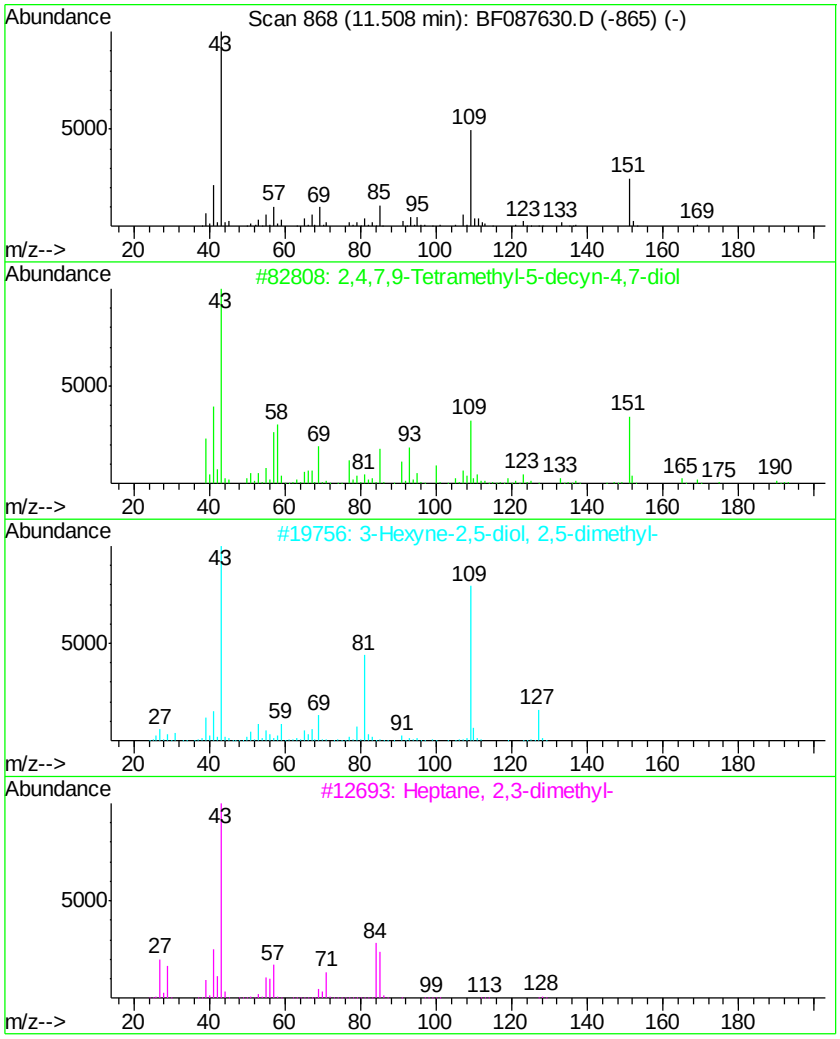
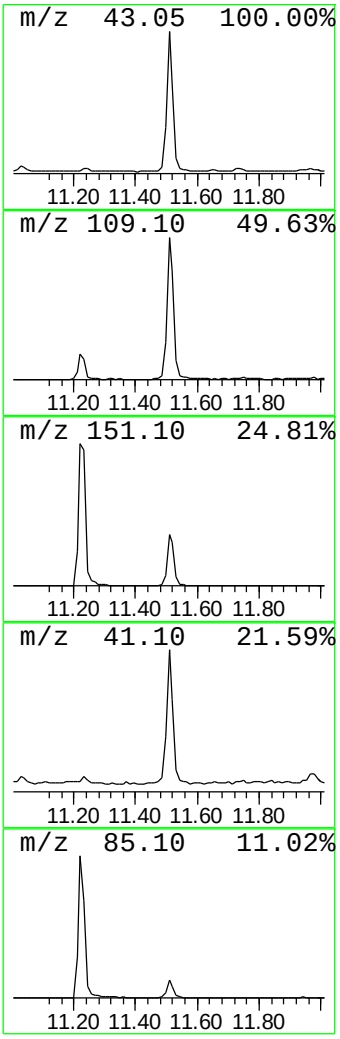
Peak Number 4 unknown11.51 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	7.21 ng	379652	Acenaphthene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	38
2	3-Hexyne-2,5-diol, 2,5-dimethyl-	142	C8H14O2	000142-30-3	17
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	9
4	Hexane, 1-(ethenyloxy)-	128	C8H16O	005363-64-4	9
5	1-Acetyl-3-amino-4-cyano-3-pyrro...	151	C7H9N3O	002125-74-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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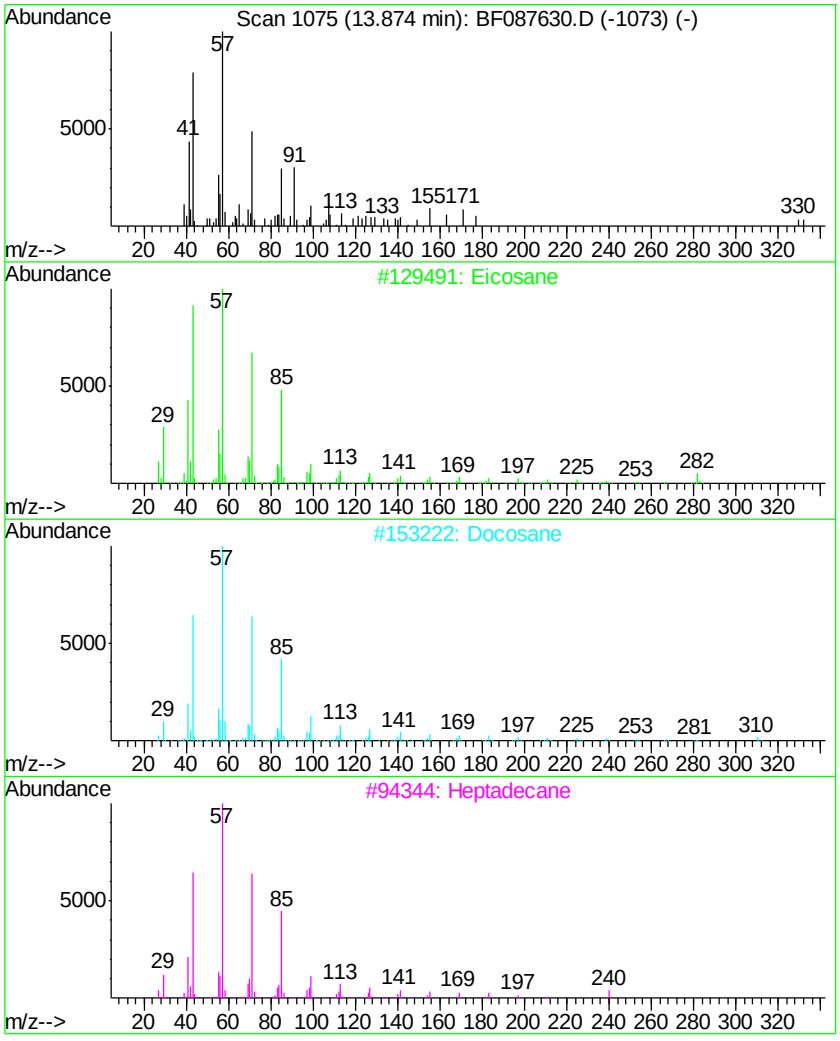
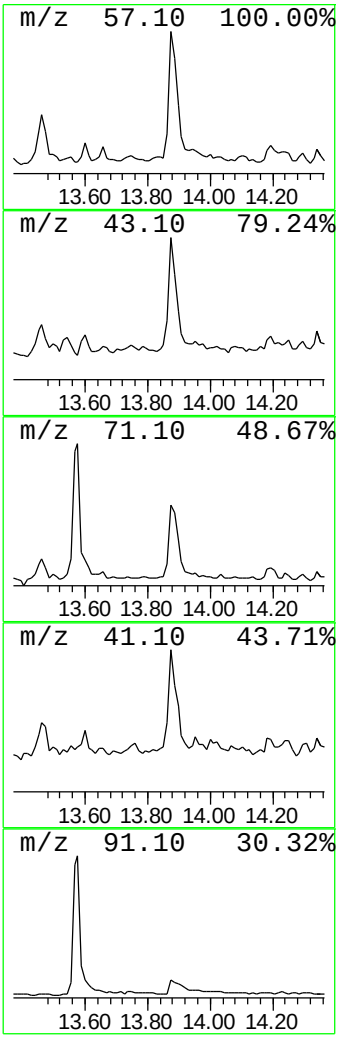
Peak Number 5 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.31 ng	120633	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	58
2	Docosane	310	C22H46	000629-97-0	58
3	Heptadecane	240	C17H36	000629-78-7	58
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58
5	Pentadecane	212	C15H32	000629-62-9	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

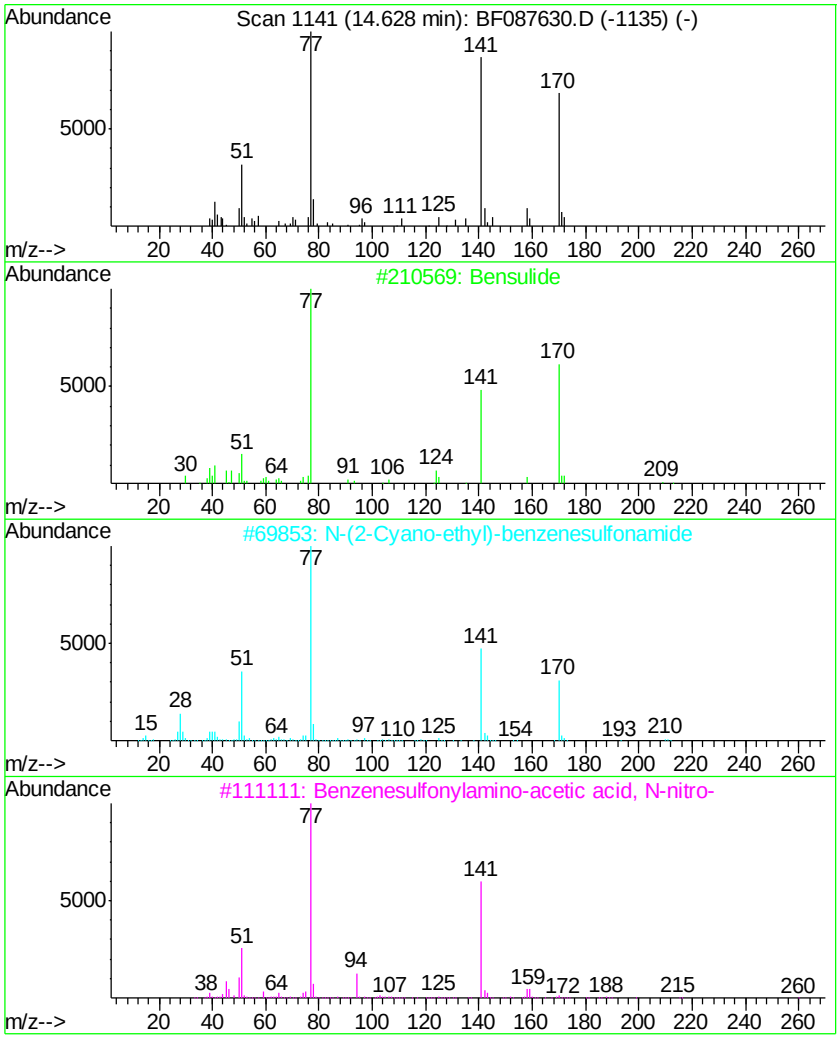
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

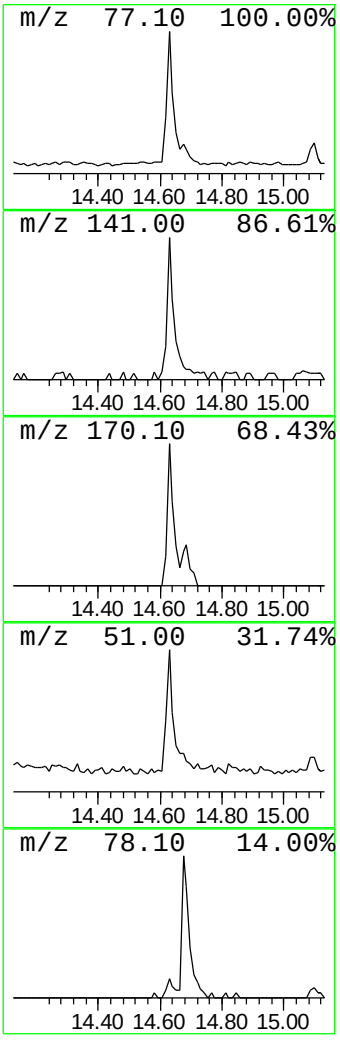
****

Peak Number 6 Bensulide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.19 ng	114210	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bensulide	397	C14H24NO4PS3	000741-58-2	72
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	64
3	Benzenesulfonylamino-acetic acid...	260	C8H8N2O6S	1000301-09-0	59
4	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	53
5	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	53





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Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
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Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

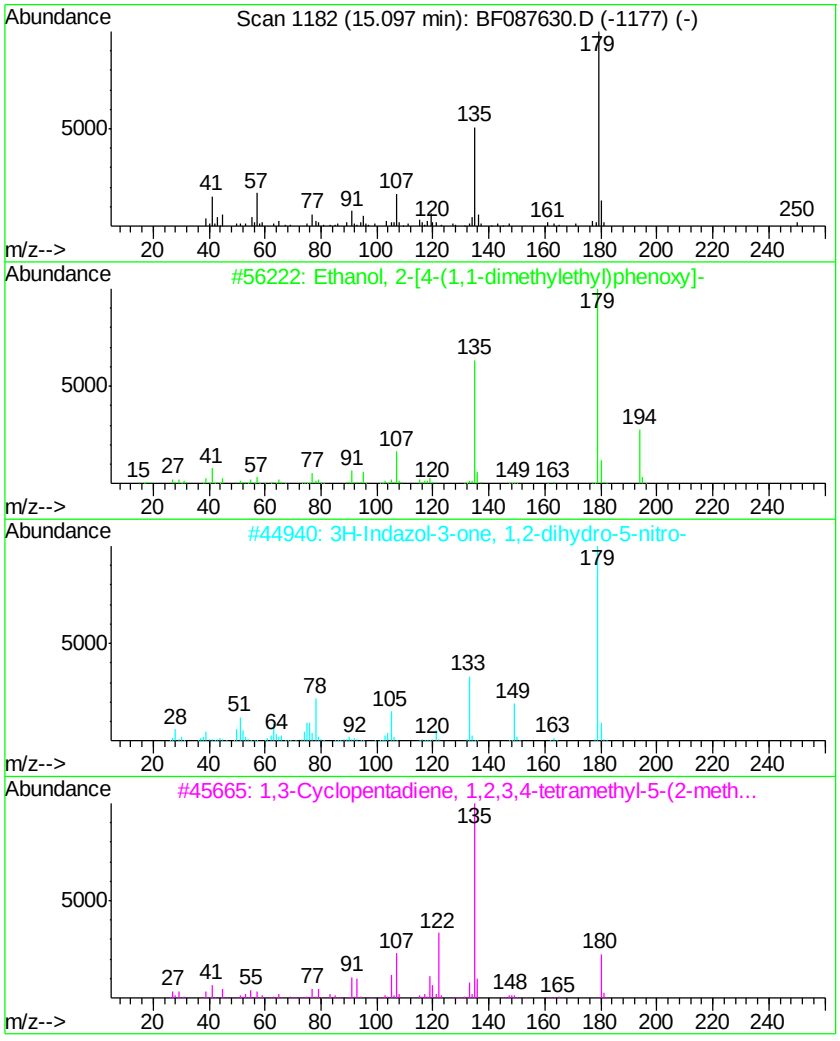
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

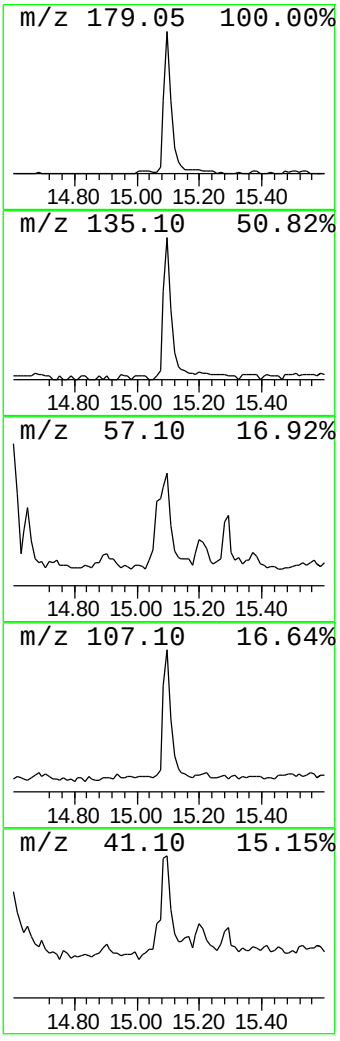
****

Peak Number 7 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.19 ng	166161	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	78
2	3H-Indazol-3-one, 1,2-dihydro-5-...	179	C7H5N3O3	061346-19-8	43
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	180	C12H20O	151226-45-8	30
4	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	25
5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

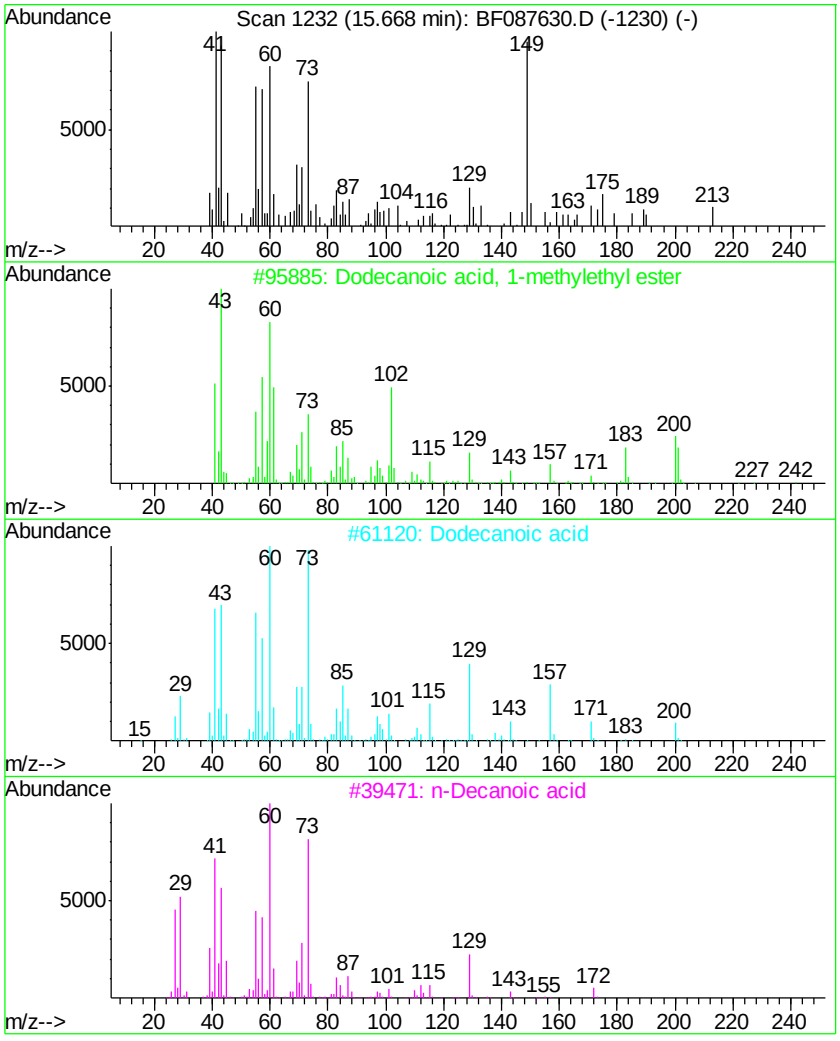
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

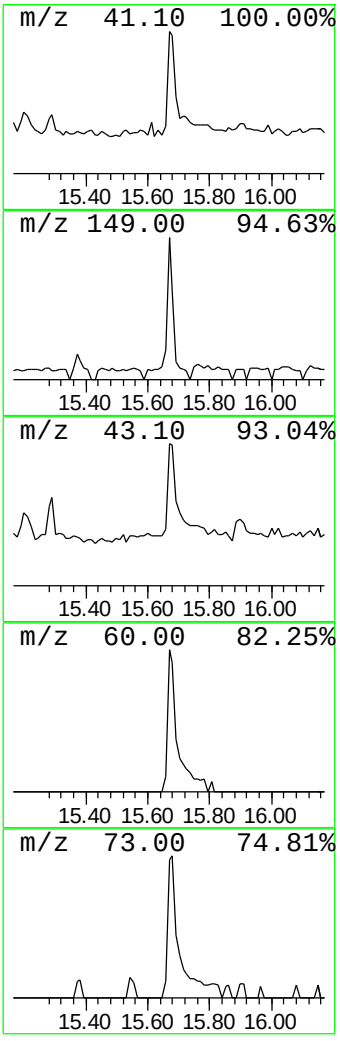
****

Peak Number 8 unknown15.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.20 ng	114938	Phenanthrene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	35
2	Dodecanoic acid	200	C12H24O2	000143-07-7	35
3	n-Decanoic acid	172	C10H20O2	000334-48-5	35
4	Undecanoic acid	186	C11H22O2	000112-37-8	35
5	3-Hydroxy-2-pyridin-3-yl-propenal	149	C8H7NO2	1000311-61-6	25





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Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

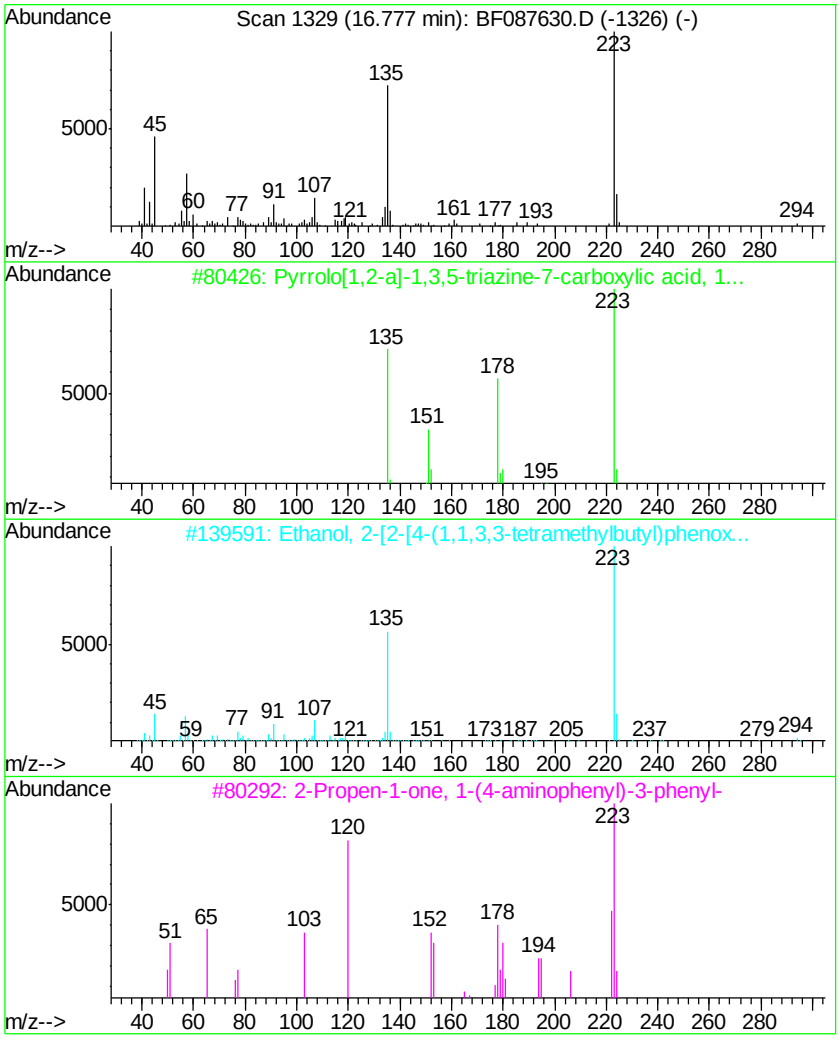
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

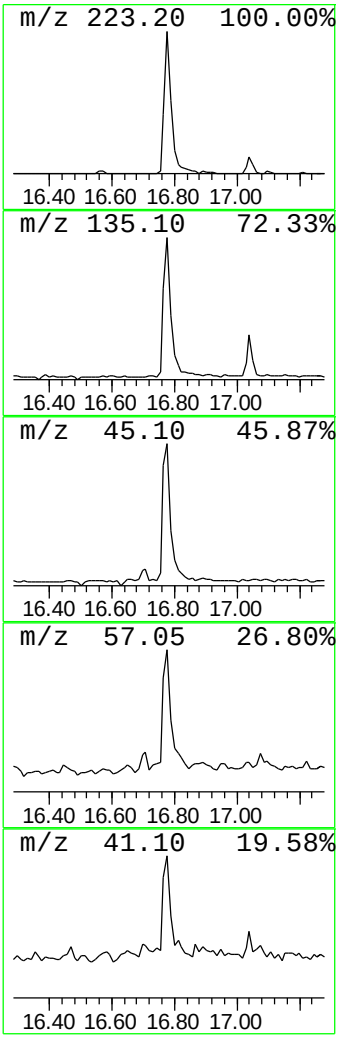
****

Peak Number 9 Pyrrolo[1,2-a]-1,3,5-triazi... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	4.78 ng	210702	Chrysene-d12	18.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	83
2	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	81
3	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	43
4	Benzenamine, 3-(5-methyl-1H-1,3-...	223	C14H13N3	1000319-43-9	35
5	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	30





Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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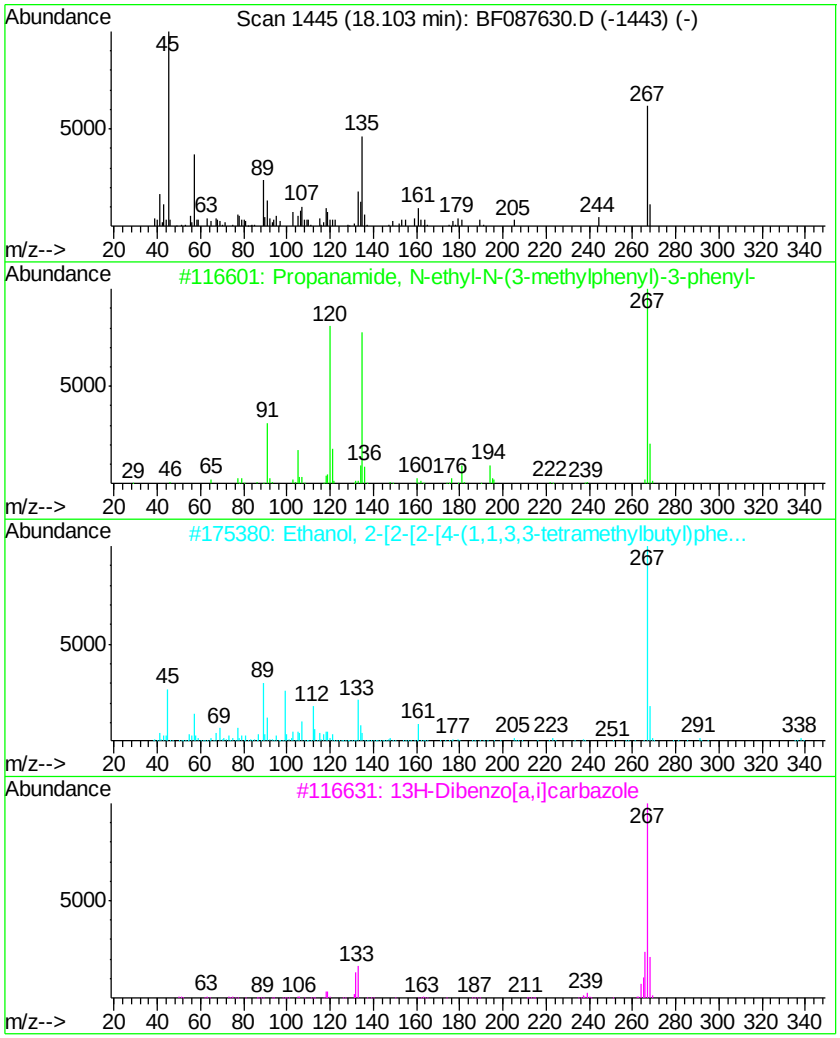
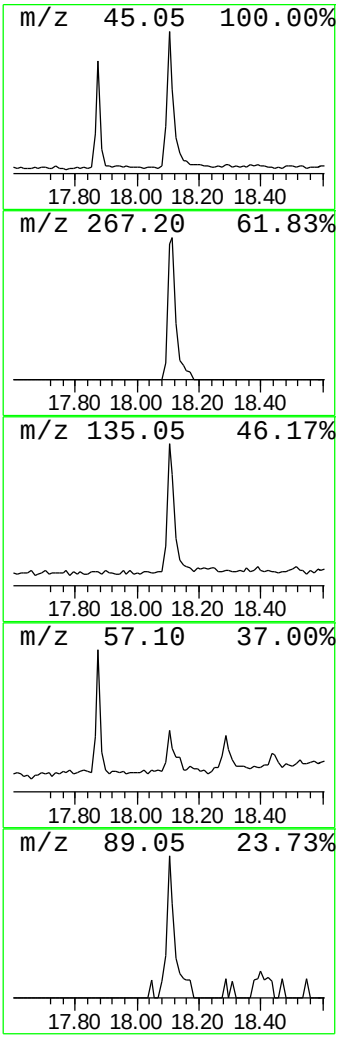
Peak Number 10 unknown18.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.50 ng	110103	Chrysene-d12	18.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-ethyl-N-(3-methyl...	267	C18H21NO	1000308-21-3	38
2	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	35
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	27
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	25
5	2-Bromophenethyl alcohol, methyl...	214	C9H11BrO	1000365-11-9	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

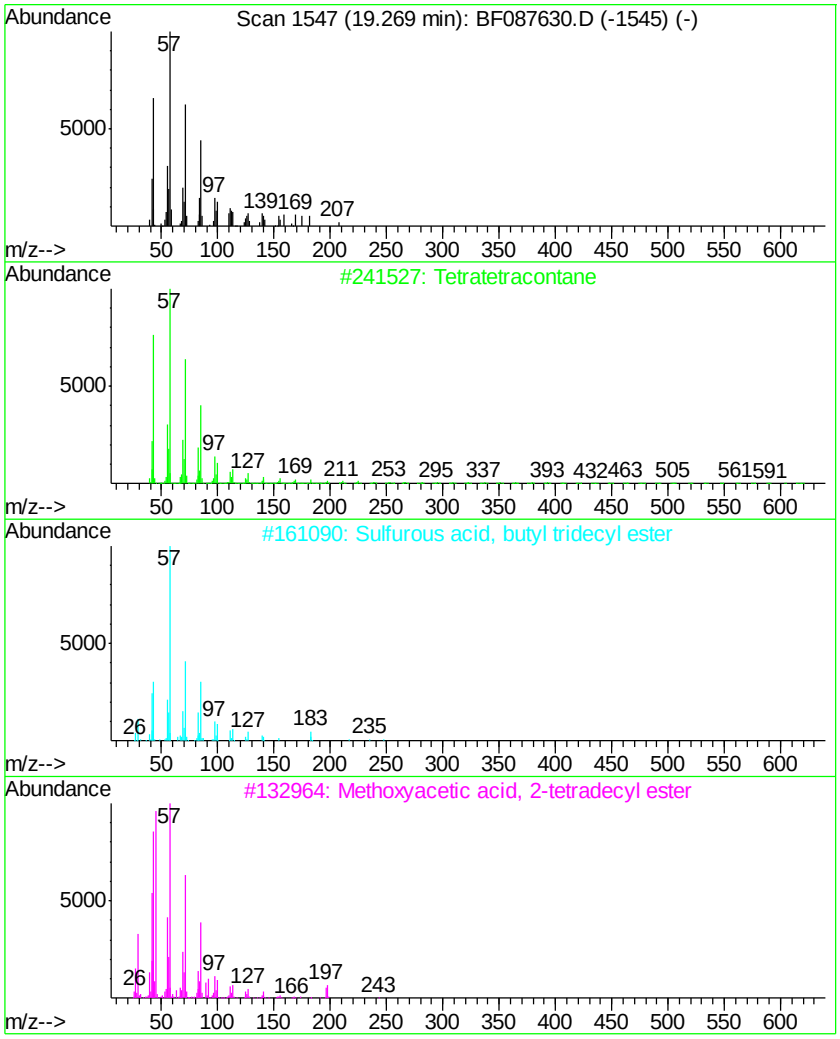
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

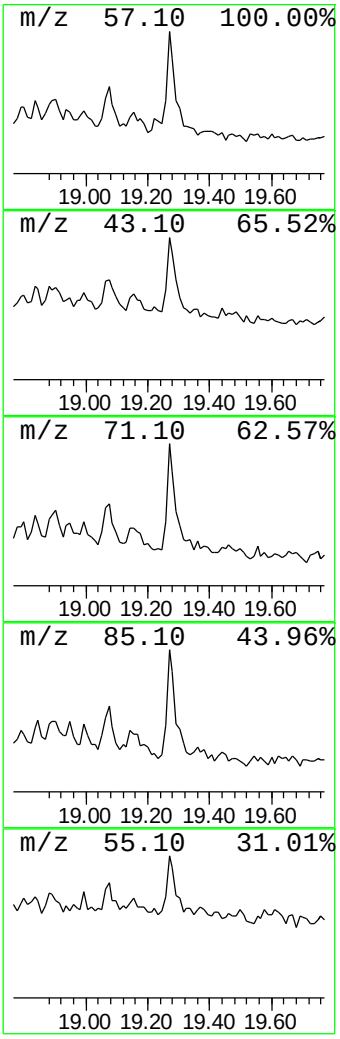
****

Peak Number 11 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.07 ng	63702	Perylene-d12	20.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
3	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087630.D
Acq On : 1 Jun 2016 22:36
Operator : UM/SJ
Sample : H3349-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-30

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	3.2	ng	122792	1	7.43	769106	20.0
unknown7.07	7.07	85.4	ng	3283290	1	7.43	769106	20.0
unknown11.51	11.51	7.2	ng	379652	3	12.27	1052700	20.0
Eicosane	13.87	2.3	ng	120633	4	14.69	1042820	20.0
Bensulide	14.63	2.2	ng	114210	4	14.69	1042820	20.0
Ethanol, 2-[4-(1,...	15.10	3.2	ng	166161	4	14.69	1042820	20.0
unknown15.67	15.67	2.2	ng	114938	4	14.69	1042820	20.0
Pyrrolo[1,2-a]-1,...	16.78	4.8	ng	210702	5	18.40	881080	20.0
unknown18.10	18.10	2.5	ng	110103	5	18.40	881080	20.0
Tetratetracontane	19.27	2.1	ng	63702	6	20.09	616322	20.0