LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

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-BF080315.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	2.155	4	6	11	rVB	75618	108776	1.76%	0.198%
2	4.384	198	201	204	rBV	224103	293214	4.74%	0.534%
3	5.036	254	258	261	rBV	3029778	5767354	93.20%	10.501%
4	5.447	290	294	296	rBV	5381660	6188287	100.00%	11.268%
5	5.847	327	329	331	rBV	255412	255307	4.13%	0.465%
6	6.464	380	383	386	rBV	4276142	5604826	90.57%	10.205%
7	6.601	392	395	397	rBV	5281977	5352245	86.49%	9.745%
8	6.830	413	415	418	rVB	1270724	1142264	18.46%	2.080%
9	6.990	426	429	431	rVB	4598832	4132523	66.78%	7.524%
10	7.402	461	465	467	rBV	3182720	4174745	67.46%	7.601%
11	8.110	525	527	530	rBV	1369852	1338602	21.63%	2.437%
12	9.196	619	622	624	rBV	5321071	5410676	87.43%	9.852%
13	9.585	654	656	658	rBV	606483	482802	7.80%	0.879%
14	9.870	678	681	682	rBV	1006383	1250681	20.21%	2.277%
15	10.648	747	749	752	rBV2	2399201	2612637	42.22%	4.757%
16	10.773	759	760	765	rVB	89928	110864	1.79%	0.202%
17	11.219	795	799	805	rBV3	51118	117532	1.90%	0.214%
18	11.345	808	810	811	rVV	1193358	1022771	16.53%	1.862%
19	11.413	814	816	818	rVB2	84927	105916	1.71%	0.193%
20	11.882	855	857	859	rBV2	146211	184445	2.98%	0.336%
21	11.951	862	863	868	rVB	73271	122499	1.98%	0.223%
22	12.133	877	879	884	rVB3	160772	194536	3.14%	0.354%
23	12.556	913	916	918	rBV	440503	535204	8.65%	0.974%
24	12.774	932	935	937	rBV2	350411	550271	8.89%	1.002%
25	12.934	946	949	951	rVB	3007535	3057811	49.41%	5.568%
26	13.105	960	964	966	rVB2	63560	110501	1.79%	0.201%
27	13.208	971	973	977	rVV2	59763	82483	1.33%	0.150%
28	13.402	989	990	994	rBV2	43312	69380	1.12%	0.126%
29	13.608	1006	1008	1011	rBV	52523	68036	1.10%	0.124%
30	13.722	1015	1018	1020	rBV	74335	112484	1.82%	0.205%
31	13.814	1025	1026	1030	rVB2	46771	76530	1.24%	0.139%
32	13.974	1037	1040	1046	rBV2	1176096	1587078	25.65%	2.890%
33	14.077	1047	1049	1051	rBV3	59465	109355	1.77%	0.199%
34	14.991	1126	1129	1133	rBV	254088	573380	9.27%	1.044%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

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-BF080315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.265	1151	1153	1156	rVB	150943	220732	3.57%	0.402%
36	15.322	1156	1158	1161	rVV	161588	241260	3.90%	0.439%
37	15.391	1161	1164	1170	rVB	786456	1088753	17.59%	1.982%
38	16.065	1221	1223	1228	rVB2	77956	166739	2.69%	0.304%
39	16.751	1281	1283	1287	rVB2	89114	162553	2.63%	0.296%
40	17.163	1317	1319	1324	rVB	66353	134882	2.18%	0.246%

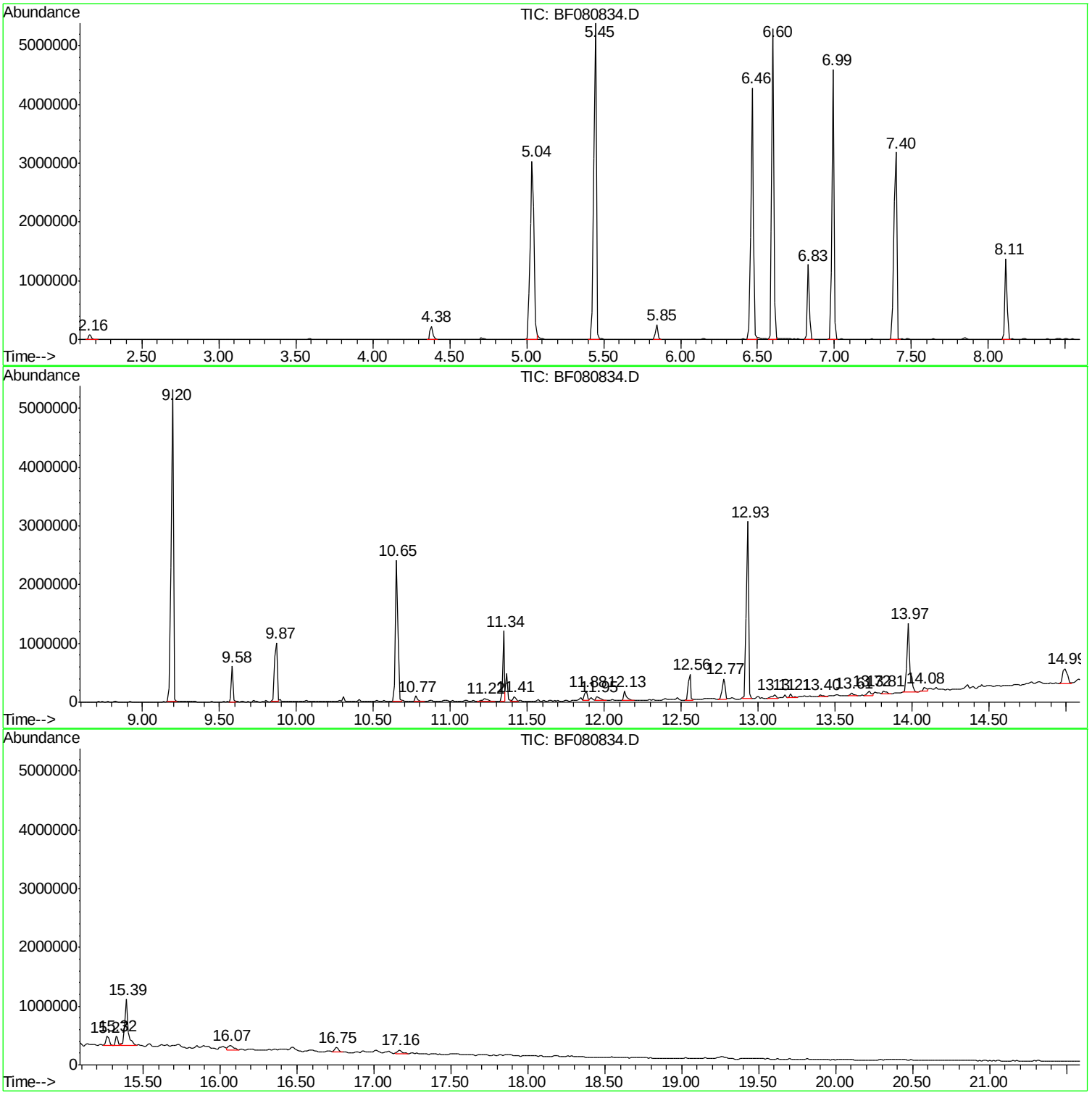
Sum of corrected areas: 54920934

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

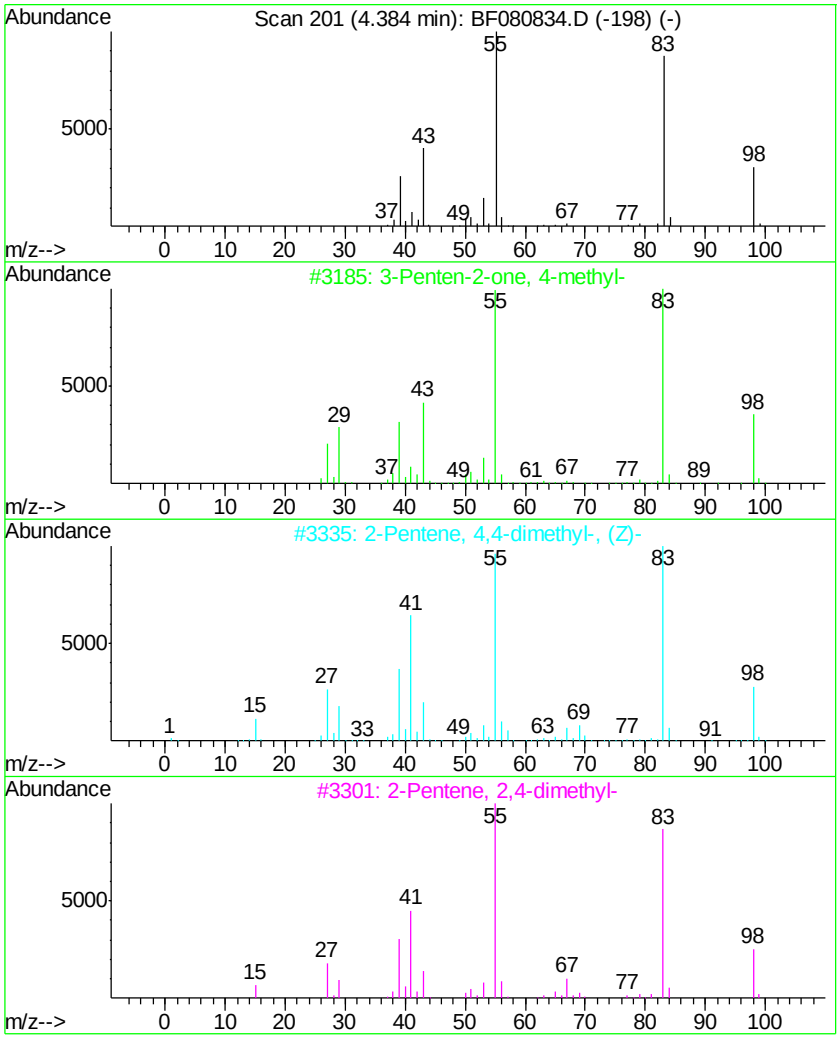
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

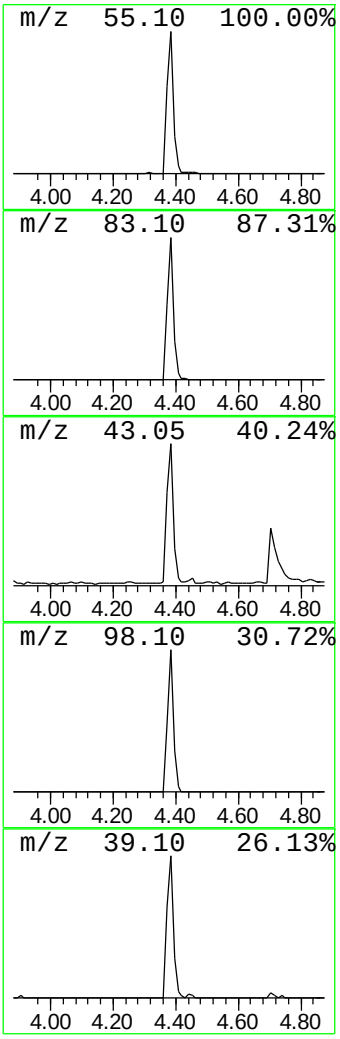
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	5.13 ng	293214	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	72
5	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

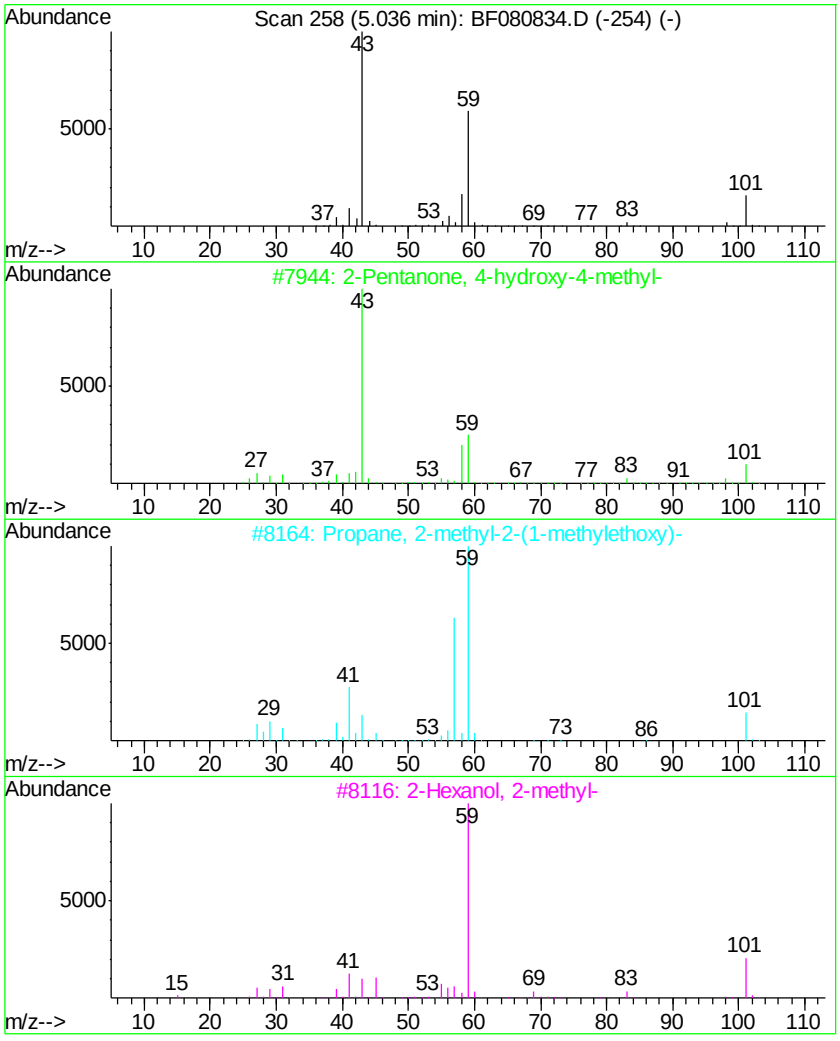
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

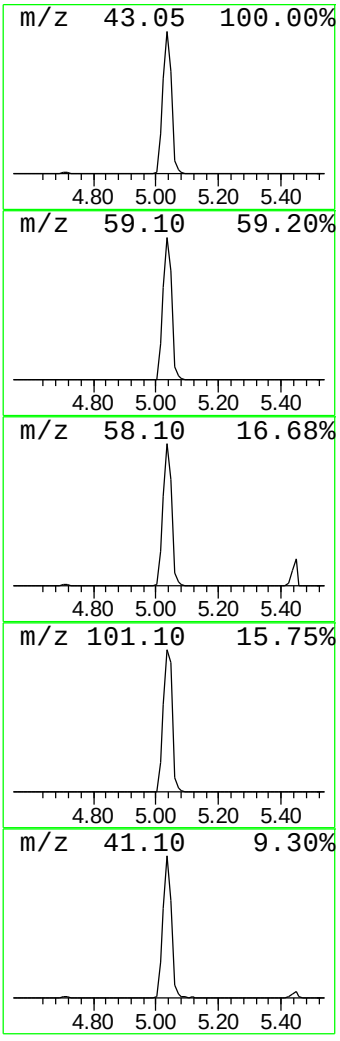
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	100.98 ng	5767350	1,4-Dichlorobenzene-d4	6.83

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	42
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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

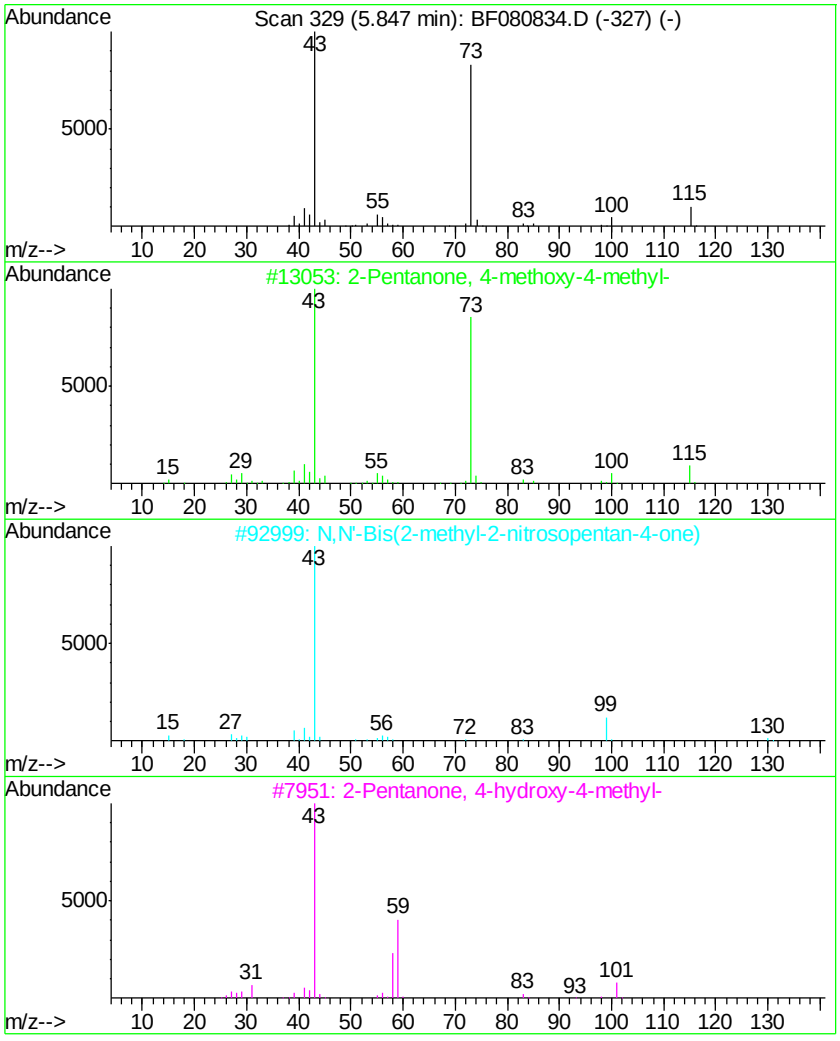
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

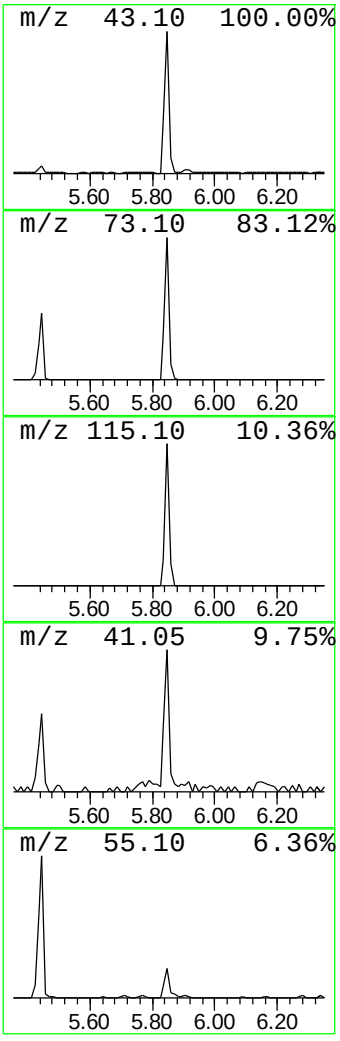
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	4.47 ng	255307	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	10
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	10
4	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

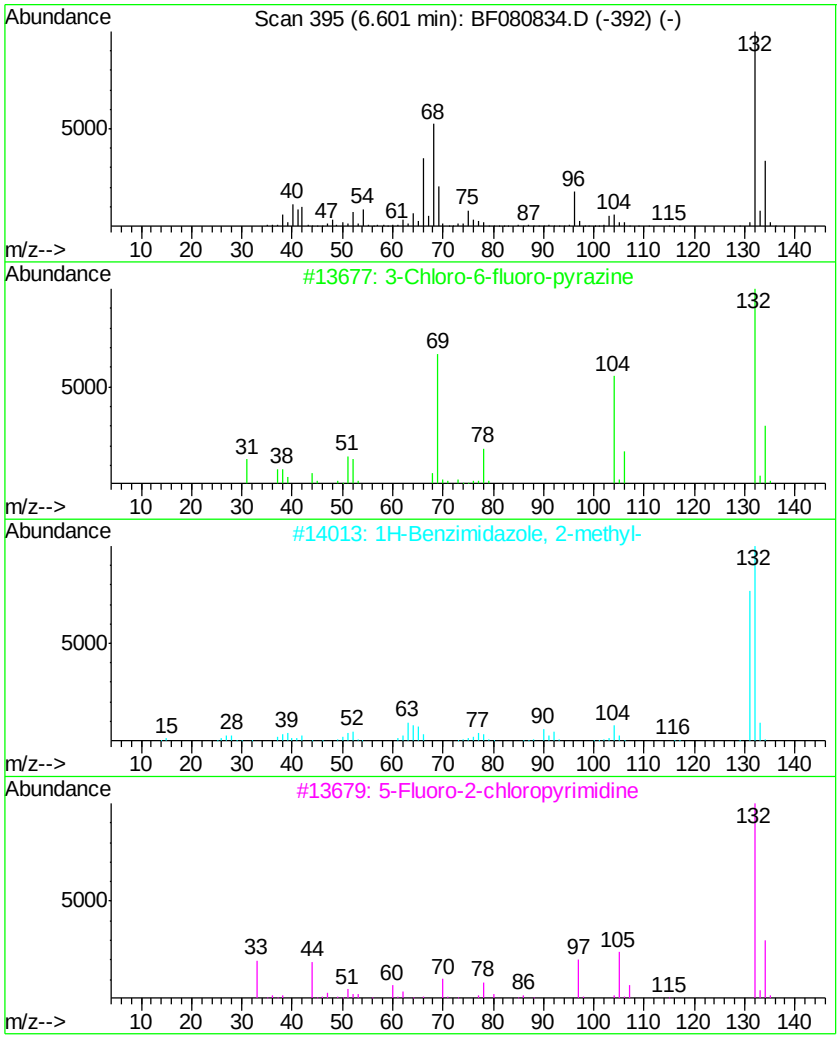
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

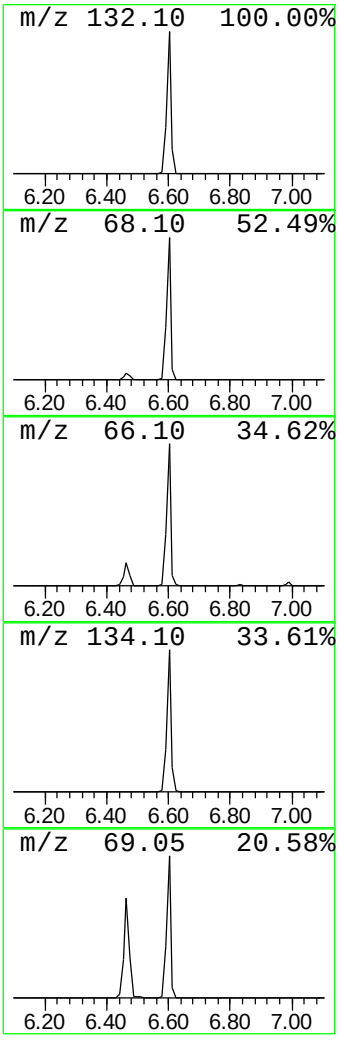
****

Peak Number 4 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	93.71 ng	5352250	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

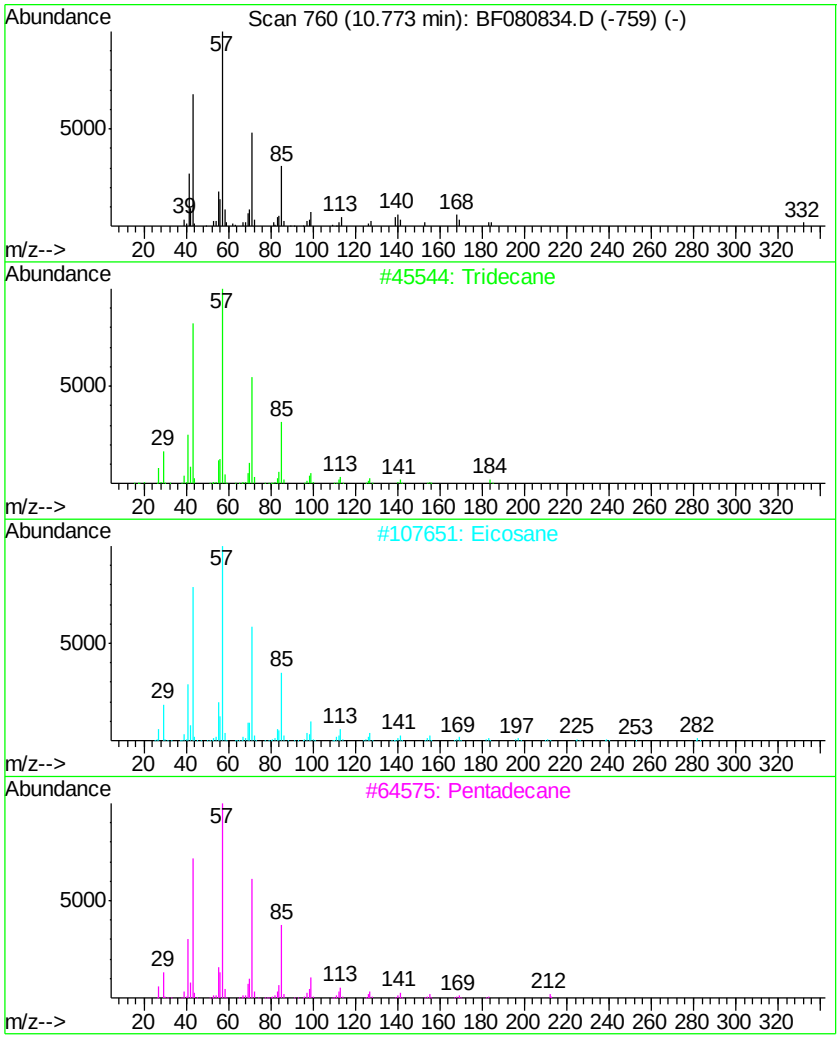
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

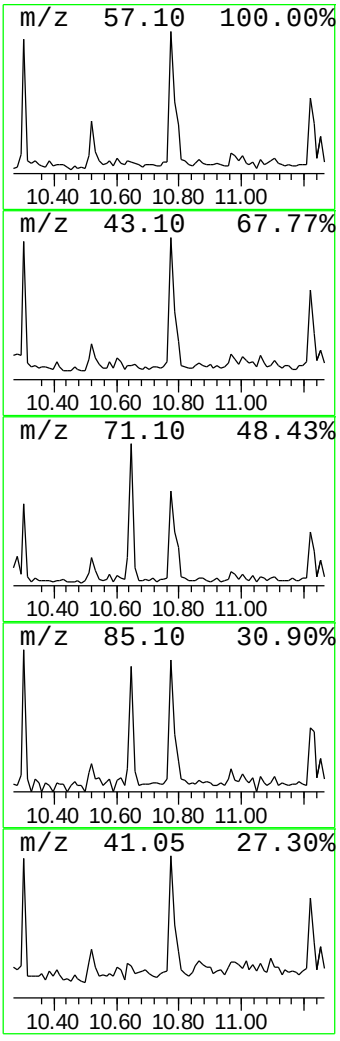
****

Peak Number 6 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.17 ng	110864	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Eicosane	282	C20H42	000112-95-8	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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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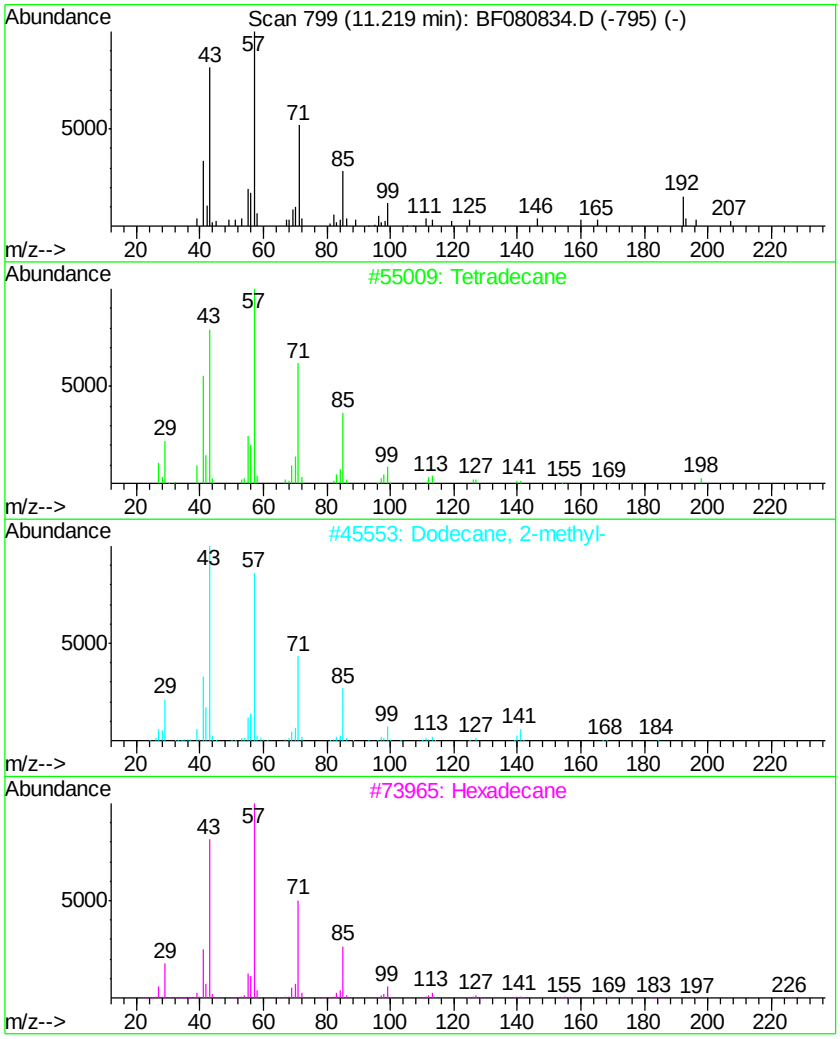
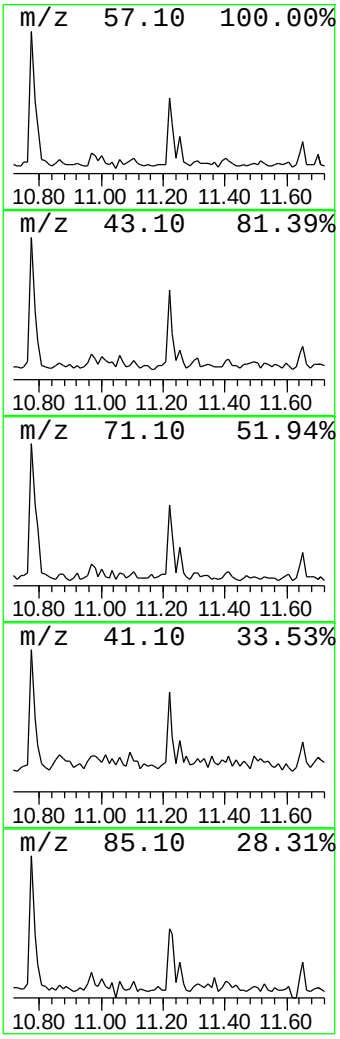
Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.30 ng	117532	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	53
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3	Hexadecane	226	C16H34	000544-76-3	52
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	50
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

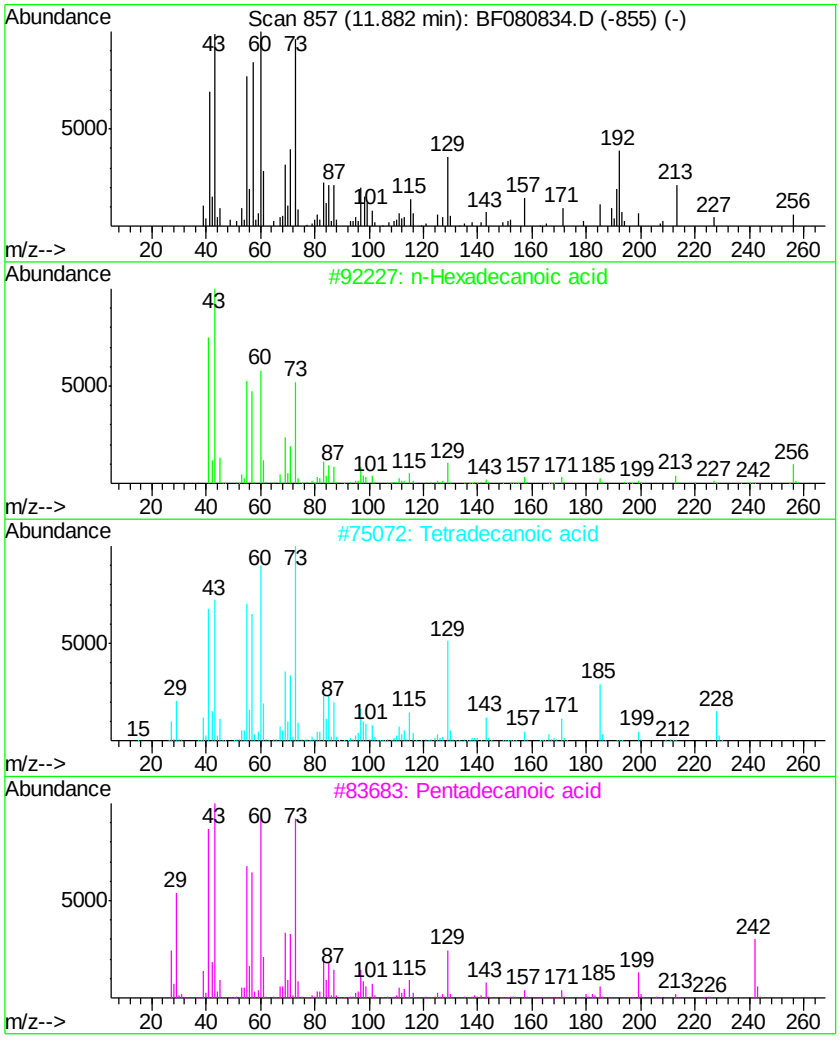
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

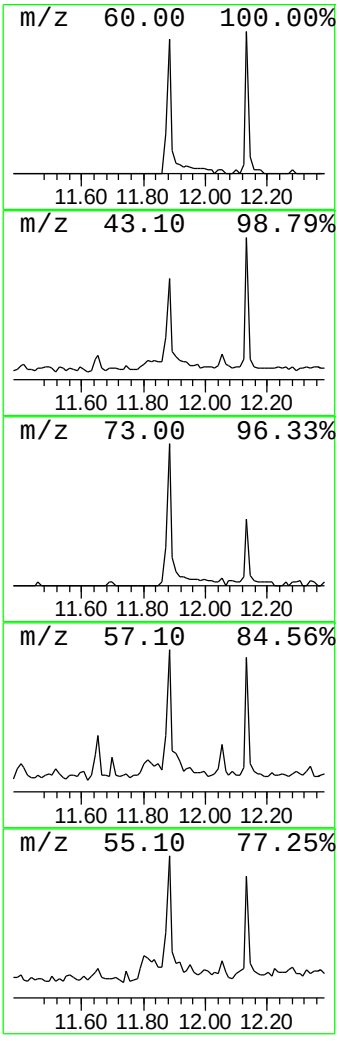
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	3.61 ng	184445	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	22





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

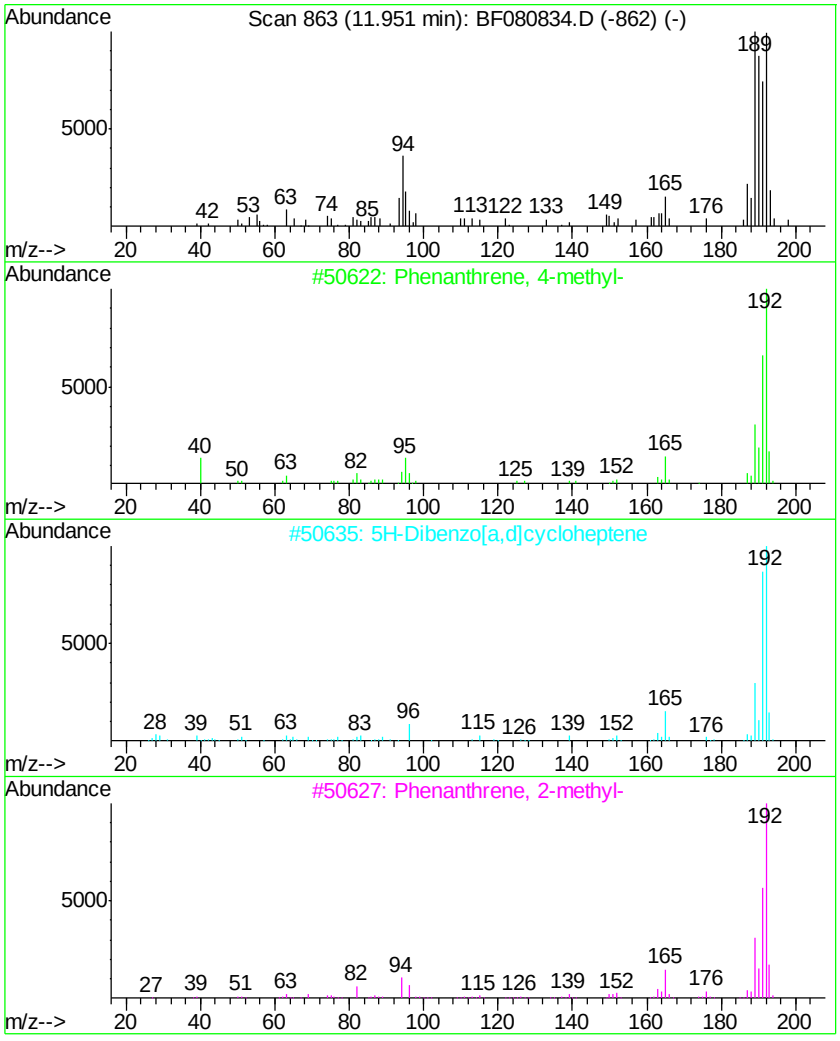
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

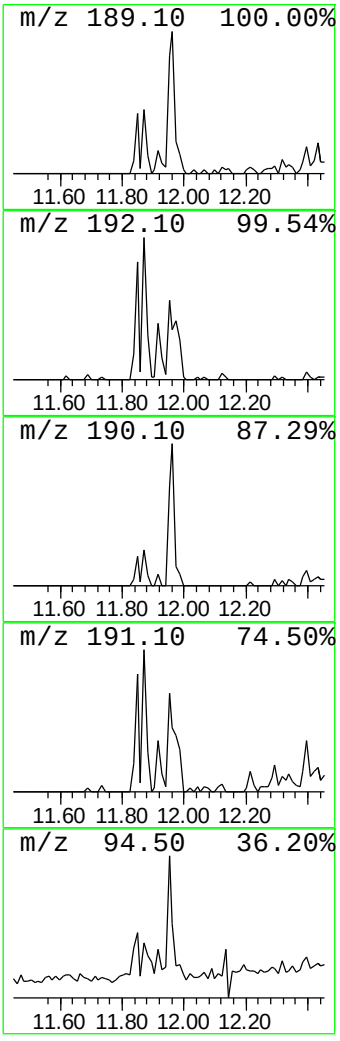
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.40 ng	122499	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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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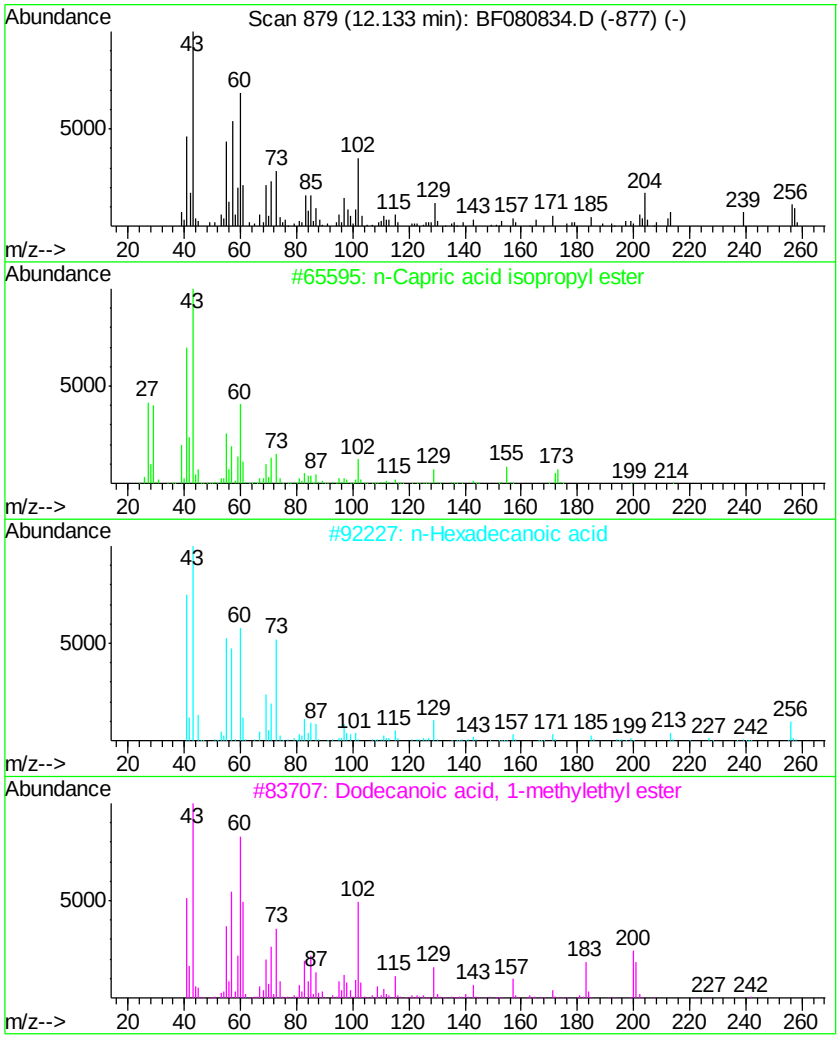
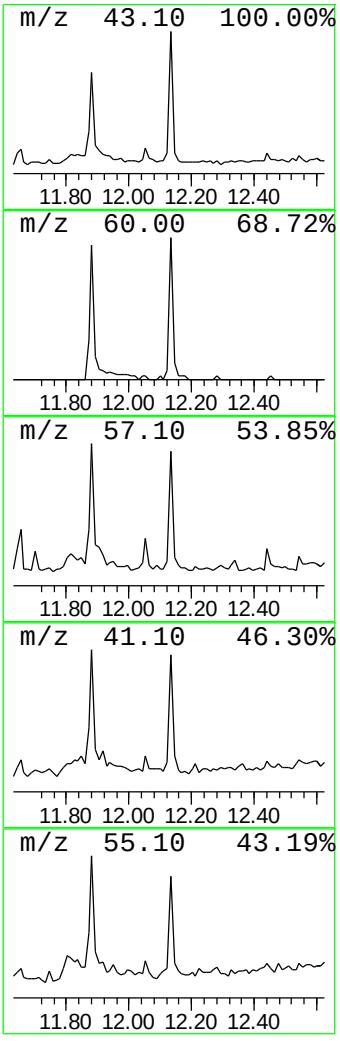
Peak Number 10 n-Capric acid isopropyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.80 ng	194536	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	64
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
3	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	52
4	Isopropyl Myristate	270	C17H34O2	000110-27-0	45
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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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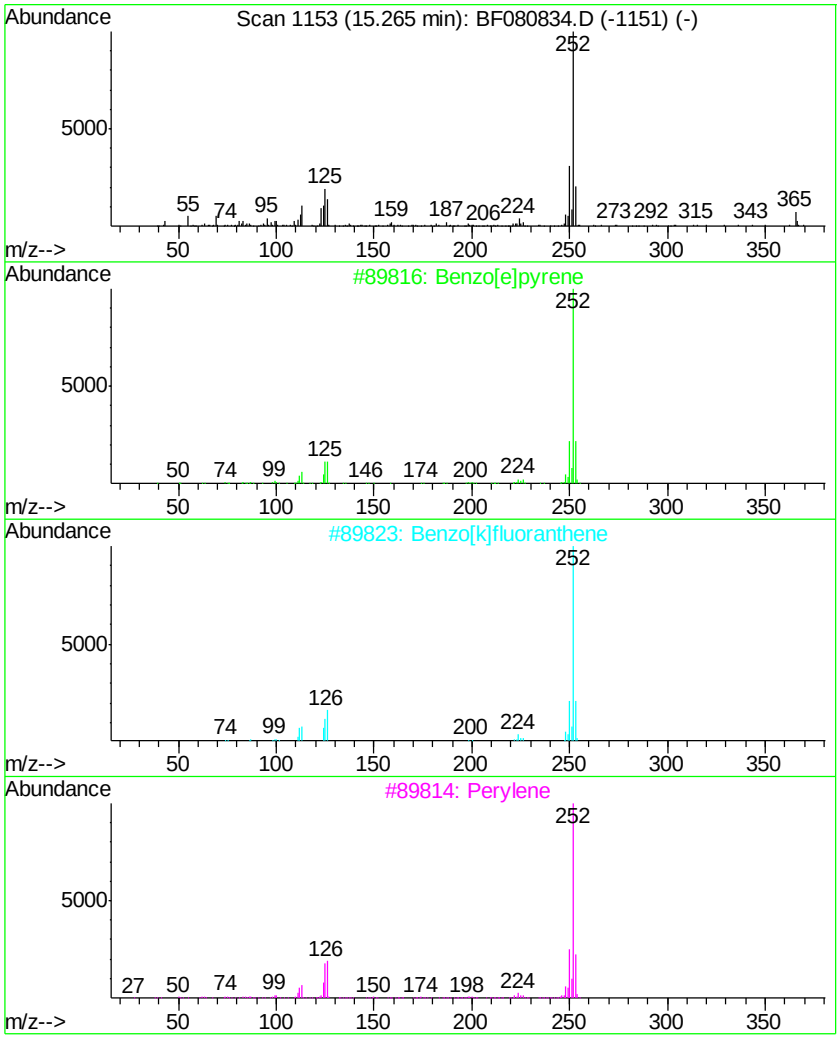
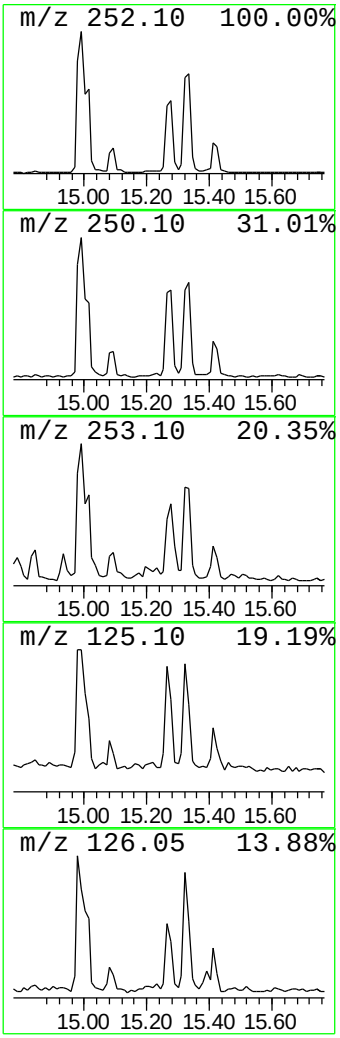
Peak Number 11 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	4.05 ng	220732	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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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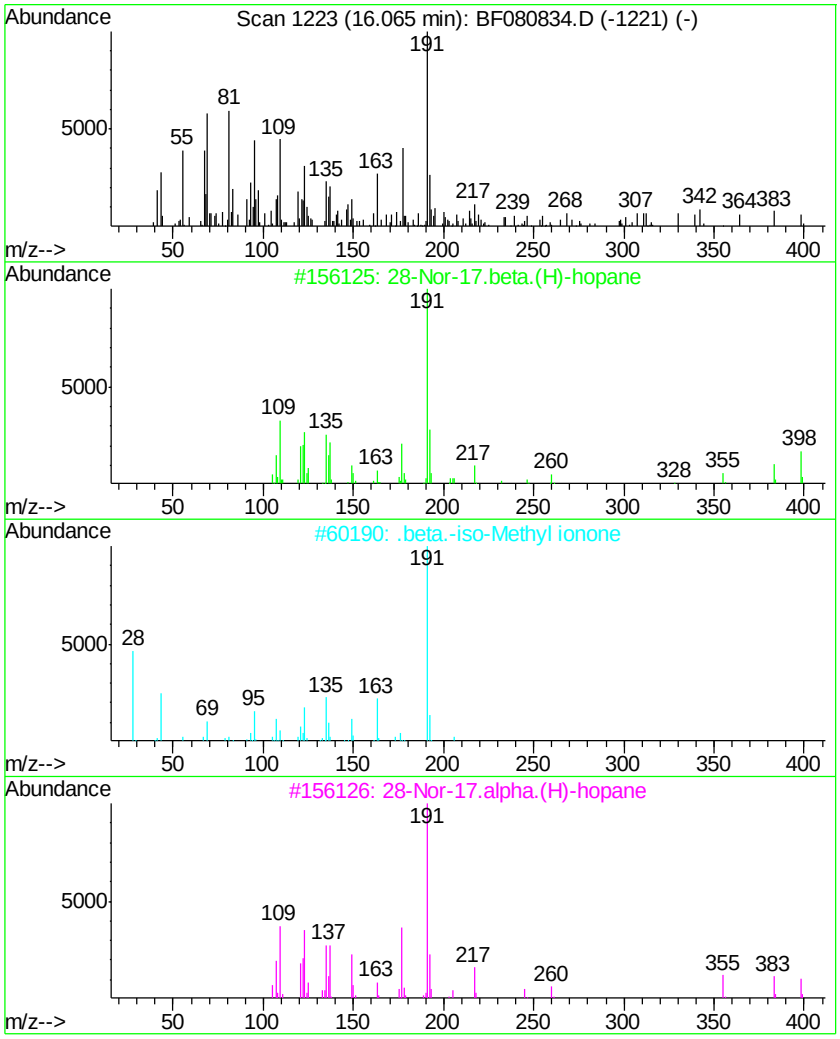
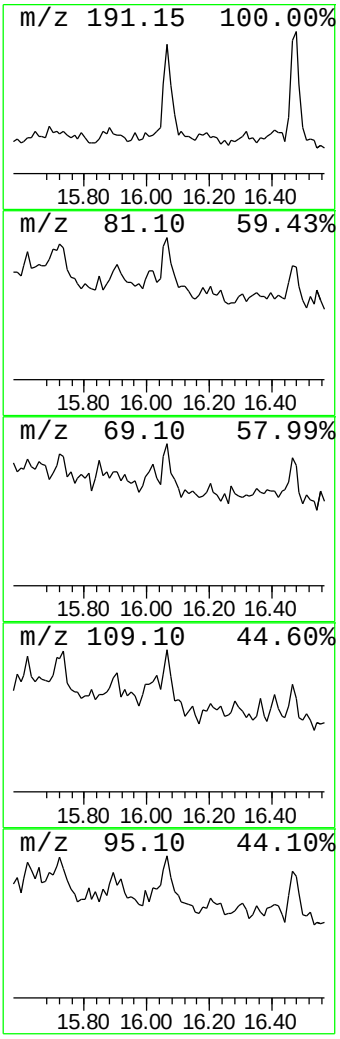
Peak Number 12 28-Nor-17.beta.(H)-hopane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.06 ng	166739	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	86
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	30
4	Butanoic acid, 4-(4-hydroxypheny...	209	C10H11NO4	062558-67-2	25
5	Anthracene, 9-butyl-	234	C18H18	001498-69-7	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080834.D
Acq On : 4 Aug 2015 10:15
Operator : TP
Sample : G3145-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-003-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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
3-Penten-2-one, 4...	4.38	5.1	ng	293214	1	6.83	1142260	20.0
2-Pentanone, 4-hy...	5.04	101.0	ng	5767350	1	6.83	1142260	20.0
2-Pentanone, 4-me...	5.85	4.5	ng	255307	1	6.83	1142260	20.0
unknown6.60	6.60	93.7	ng	5352250	1	6.83	1142260	20.0
Tridecane	10.77	2.2	ng	110864	4	11.34	1022770	20.0
Tetradecane	11.22	2.3	ng	117532	4	11.34	1022770	20.0
n-Hexadecanoic acid	11.88	3.6	ng	184445	4	11.34	1022770	20.0
Phenanthrene, 4-m...	11.95	2.4	ng	122499	4	11.34	1022770	20.0
n-Capric acid iso...	12.13	3.8	ng	194536	4	11.34	1022770	20.0
Benzo[e]pyrene	15.27	4.0	ng	220732	6	15.39	1088750	20.0
28-Nor-17.beta.(H...	16.07	3.1	ng	166739	6	15.39	1088750	20.0