

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
 Data File : BF082650.D
 Acq On : 3 Nov 2015 00:28
 Operator : UM/IZ
 Sample : G4223-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-20L

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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	5.082	258	262	268	rBV	2113827	3331834	46.00%	5.507%
2	5.504	295	299	301	rBV	5015050	7243220	100.00%	11.973%
3	6.522	384	388	390	rBV	6287816	7219545	99.67%	11.934%
4	6.659	397	400	402	rBV	6885704	7112515	98.20%	11.757%
5	6.887	418	420	422	rVB	1639932	1323135	18.27%	2.187%
6	7.047	431	434	436	rBV	5684180	5170963	71.39%	8.547%
7	7.447	466	469	472	rBV	3481049	3846882	53.11%	6.359%
8	8.179	530	533	535	rBV	1167951	1516451	20.94%	2.507%
9	9.253	624	627	630	rVB	5730820	6064923	83.73%	10.025%
10	9.653	659	662	664	rBV	1071100	1427747	19.71%	2.360%
11	9.928	684	686	689	rVB2	1465782	1570999	21.69%	2.597%
12	10.374	724	725	727	rVB	151401	119953	1.66%	0.198%
13	10.602	741	745	746	rBV	43040	75856	1.05%	0.125%
14	10.716	752	755	758	rVB	3898215	3812218	52.63%	6.302%
15	10.854	765	767	770	rBV	103024	167450	2.31%	0.277%
16	11.299	802	806	807	rBV	76648	82420	1.14%	0.136%
17	11.414	814	816	818	rBV	1710873	1429234	19.73%	2.362%
18	11.951	860	863	865	rBV	156850	166036	2.29%	0.274%
19	12.122	876	878	881	rVB2	53476	76609	1.06%	0.127%
20	12.282	889	892	894	rBV	805978	724941	10.01%	1.198%
21	12.499	910	911	917	rVB2	64976	84010	1.16%	0.139%
22	12.671	924	926	929	rVB	51511	73086	1.01%	0.121%
23	12.739	929	932	934	rBV	83731	112138	1.55%	0.185%
24	13.002	953	955	958	rVB	4472208	4745095	65.51%	7.844%
25	13.139	965	967	972	rBV2	324094	341480	4.71%	0.564%
26	13.494	994	998	1000	rBV	92412	109208	1.51%	0.181%
27	13.665	1012	1013	1016	rVB	84906	73219	1.01%	0.121%
28	13.917	1032	1035	1038	rBV2	87110	149802	2.07%	0.248%
29	13.985	1038	1041	1043	rVB	61183	88917	1.23%	0.147%
30	14.054	1044	1047	1049	rVV	1324439	1228994	16.97%	2.032%
31	15.494	1170	1173	1176	rBV	789982	1007986	13.92%	1.666%

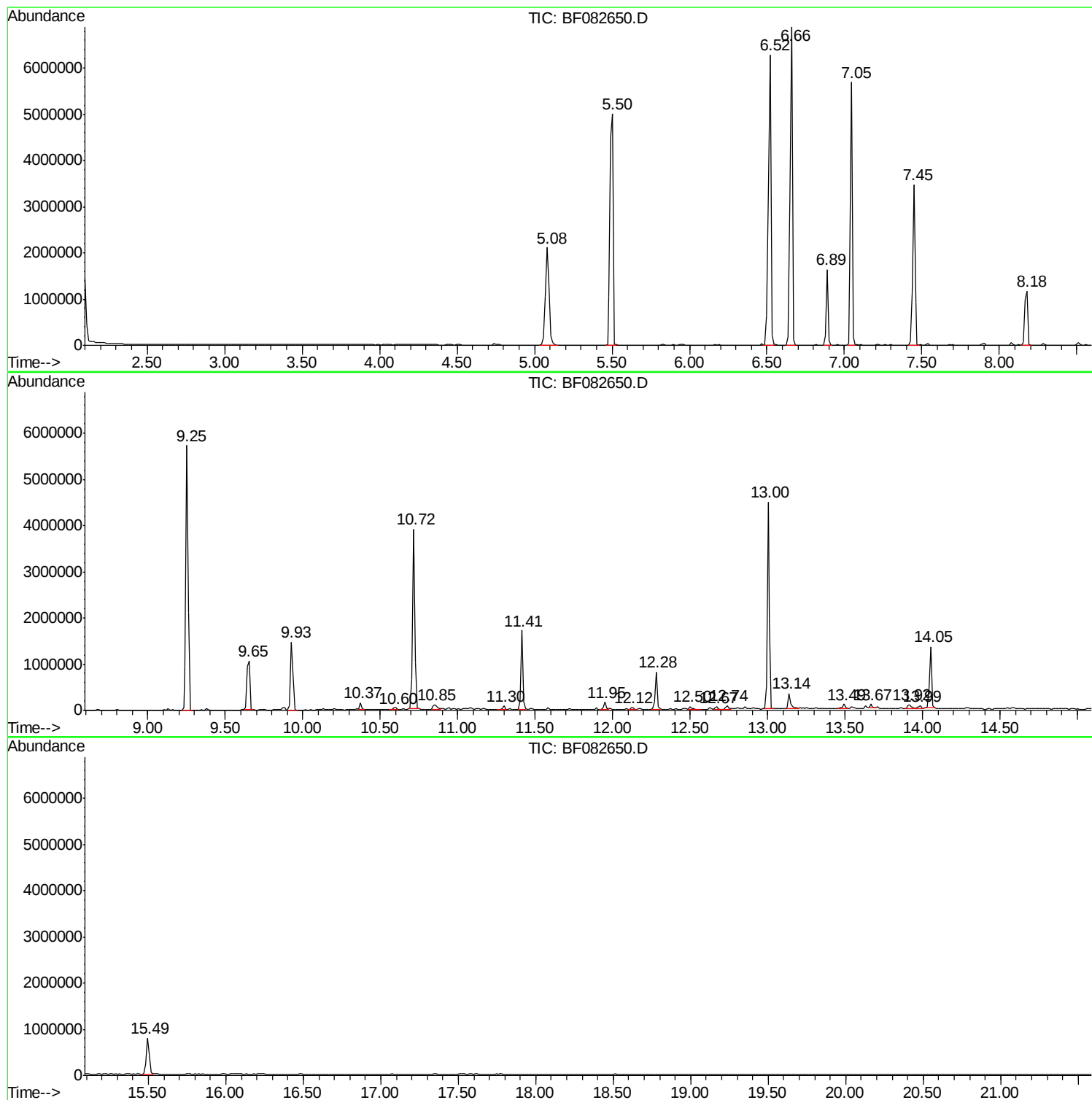
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Instrument :
BNA_F
ClientSampled :
T-20L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.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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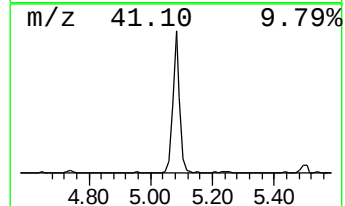
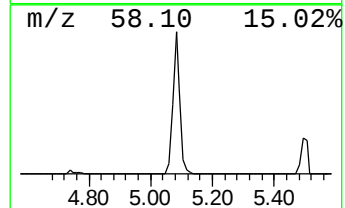
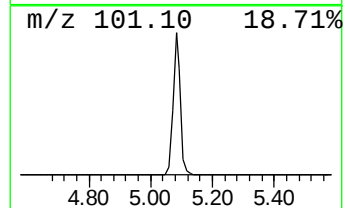
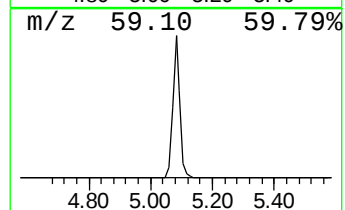
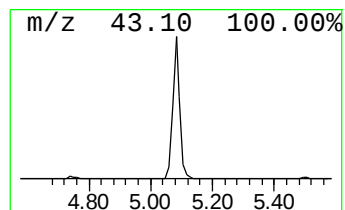
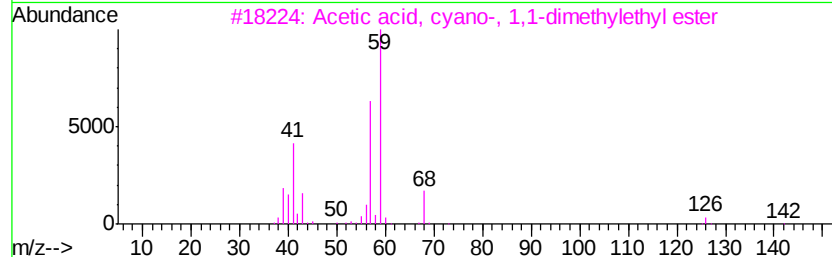
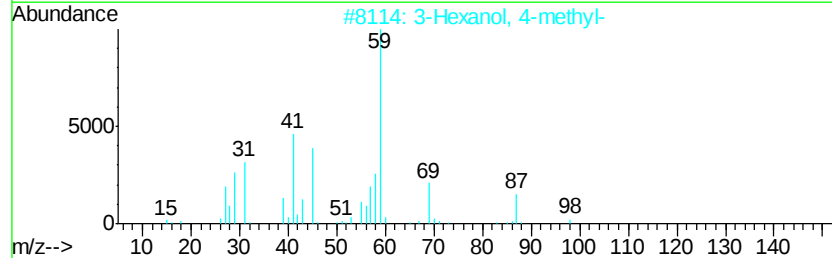
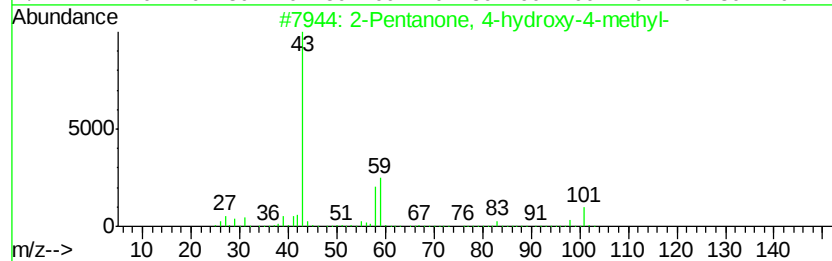
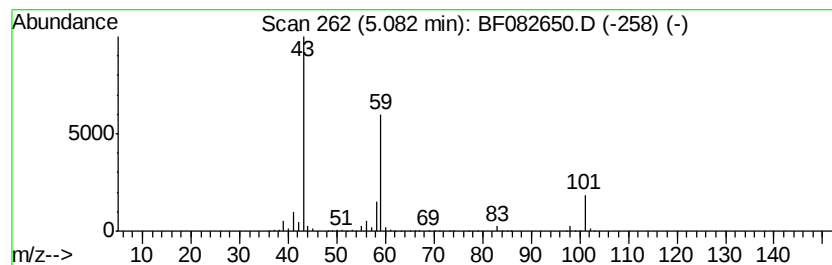
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	50.36 ng	3331830	1,4-Dichlorobenzene-d4	6.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	



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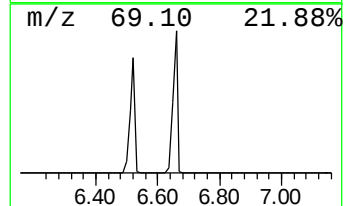
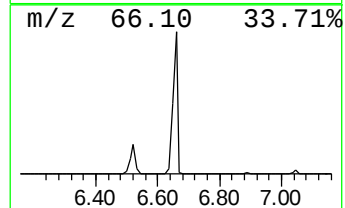
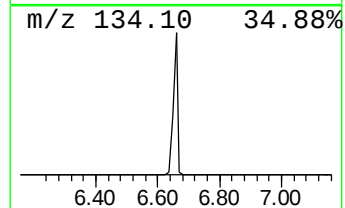
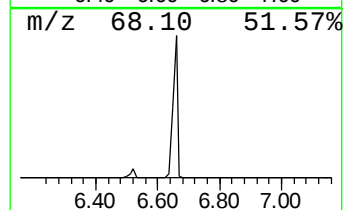
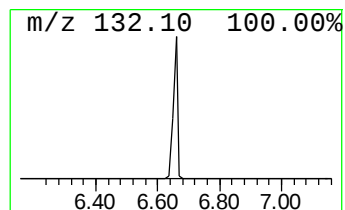
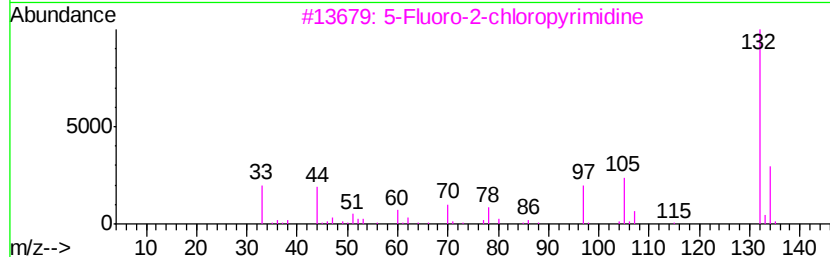
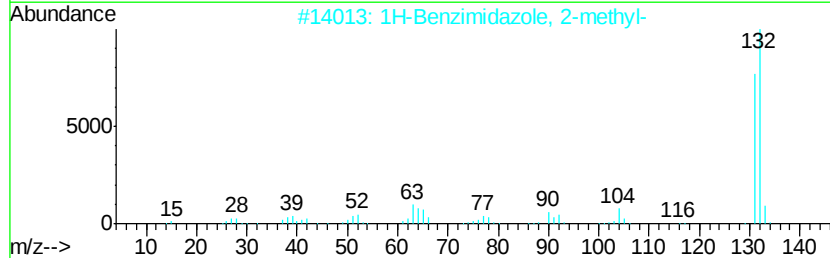
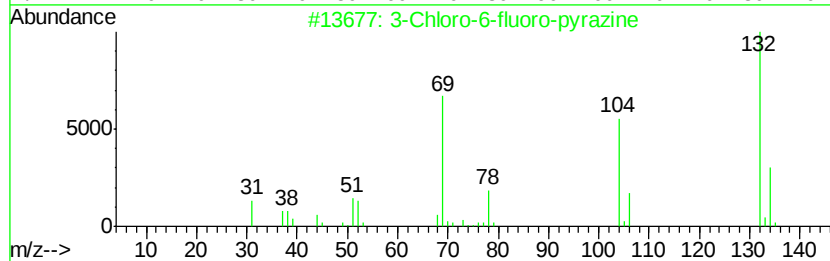
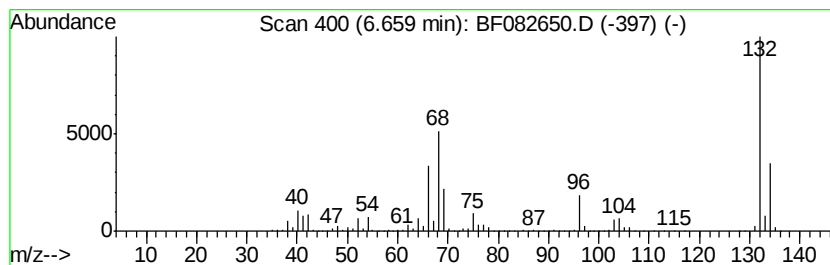
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Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	107.51 ng	7112520	1,4-Dichlorobenzene-d4	6.89

Hit#	of	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	



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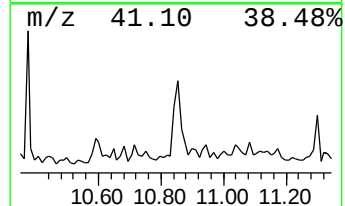
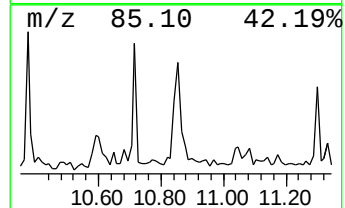
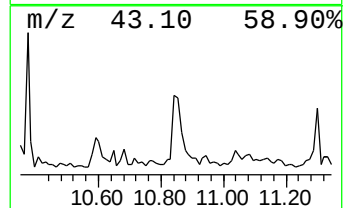
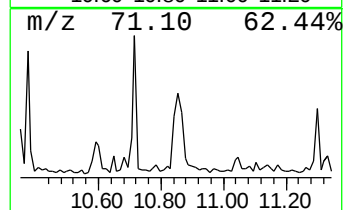
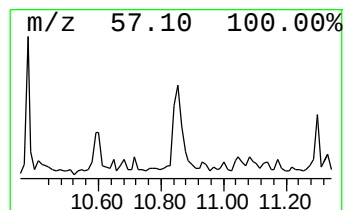
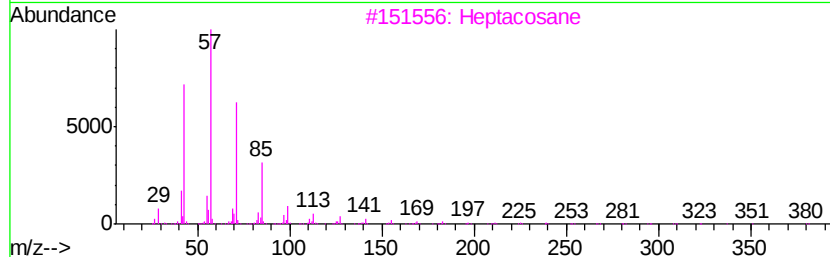
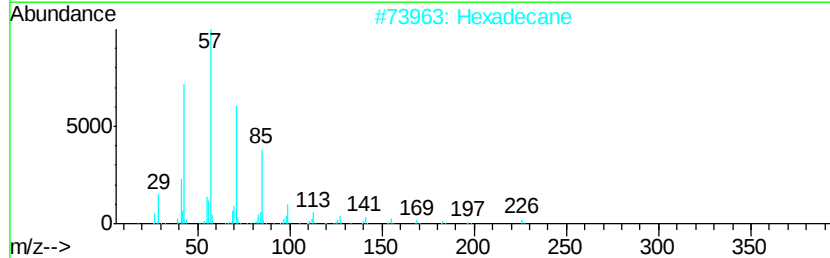
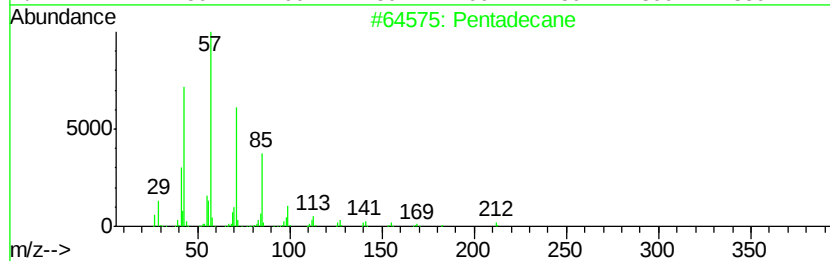
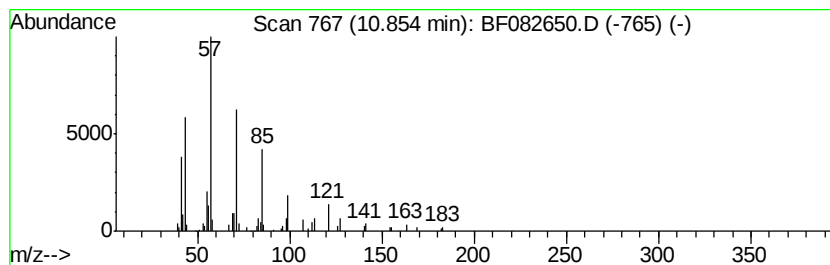
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Peak Number 4 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	2.34 ng	167450	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Heptacosane		380	C27H56	000593-49-7	80
4	Tetracosane		338	C24H50	000646-31-1	80
5	Eicosane		282	C20H42	000112-95-8	80



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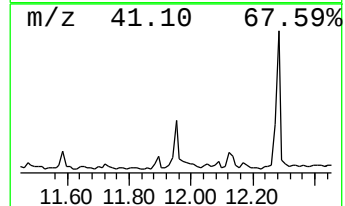
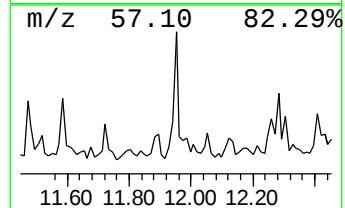
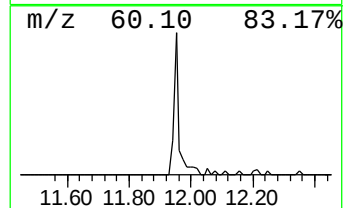
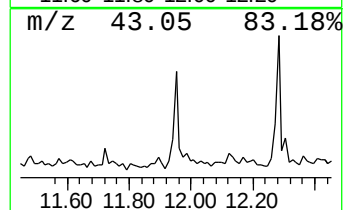
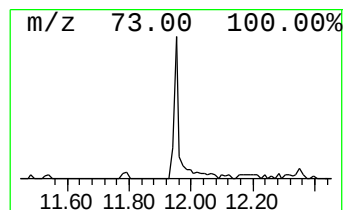
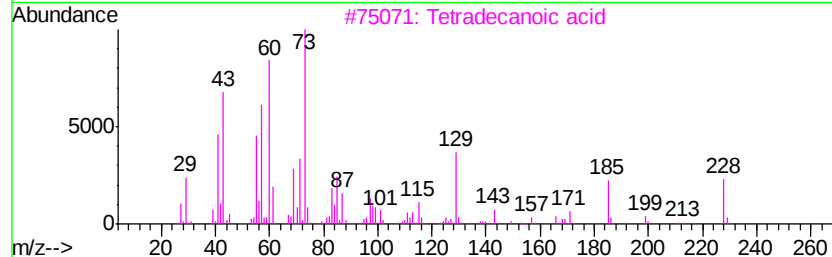
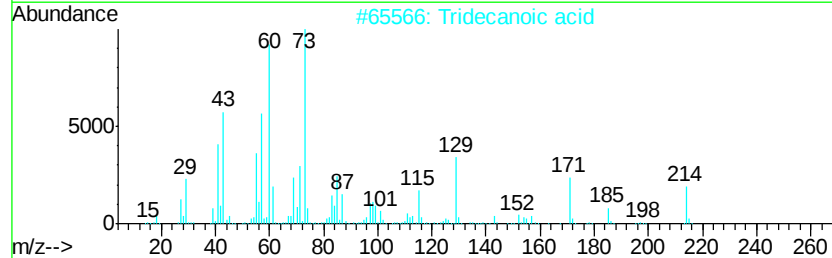
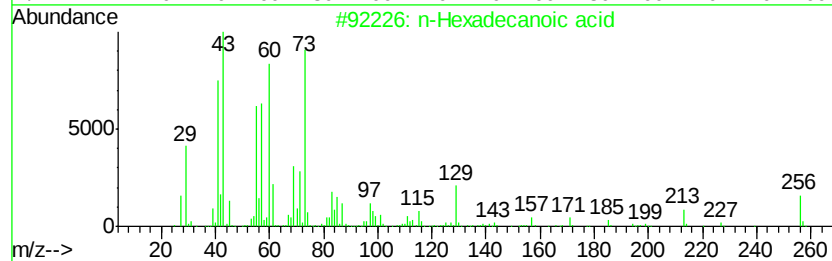
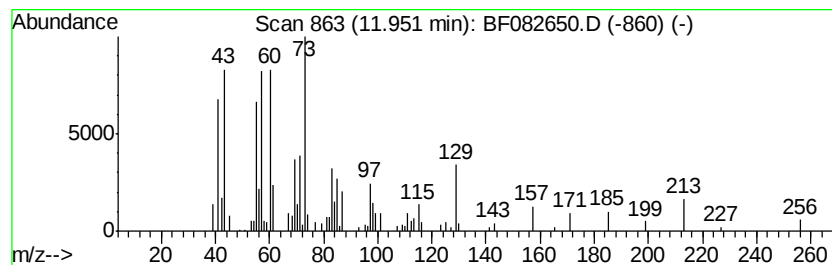
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.32 ng	166036	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Amyl Nitrite	117	C5H11NO2	000110-46-3	35



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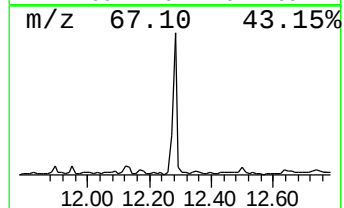
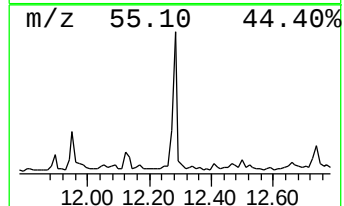
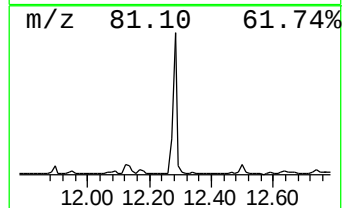
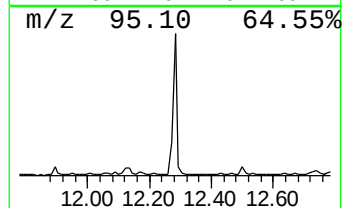
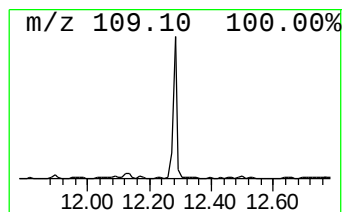
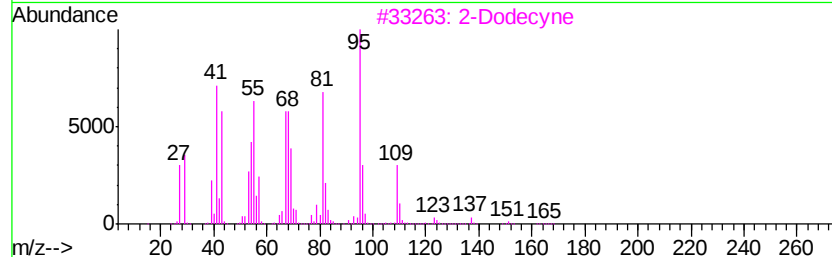
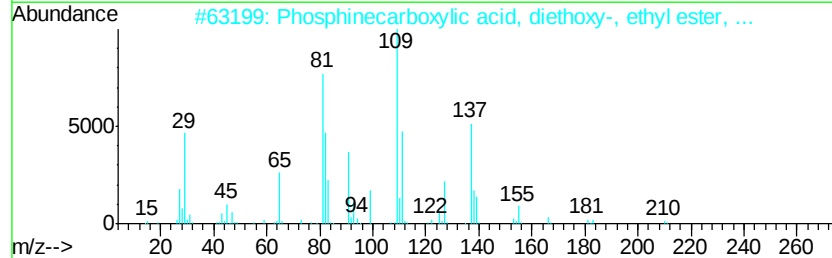
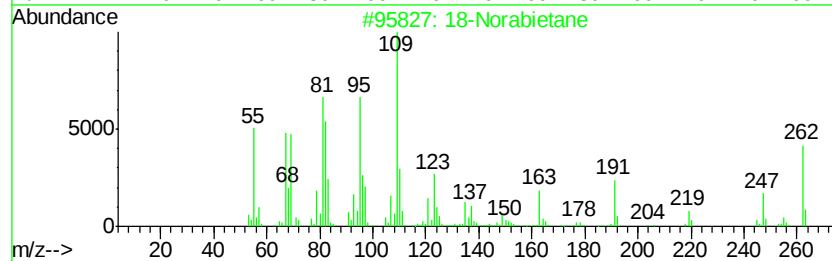
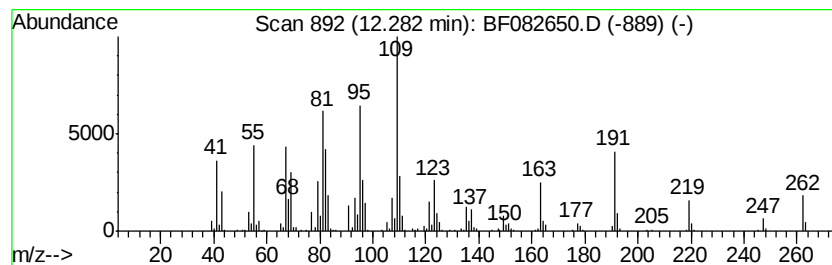
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 18-Norabietane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	10.14 ng	724941	Phenanthrene-d10	11.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	93
2	Phosphinecarboxylic acid, dietho...		210	C7H15O5P	001474-78-8	27
3	2-Dodecyne		166	C12H22	000629-49-2	27
4	2-n-Octylfuran		180	C12H20O	004179-38-8	22
5	1,2-Benzooxazine,2-cyclohexyl-4-...		262	C16H26N2O	037898-39-8	22



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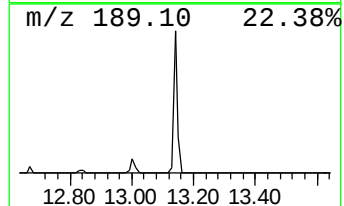
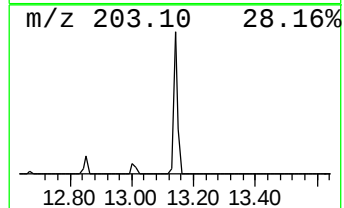
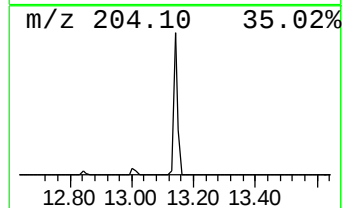
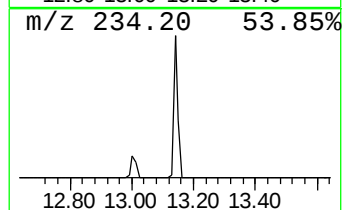
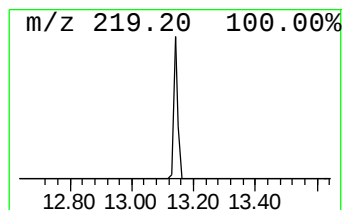
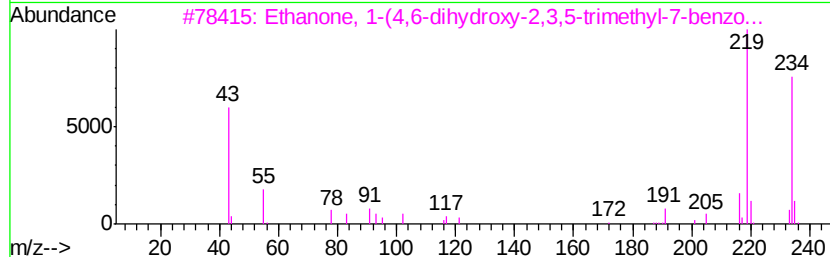
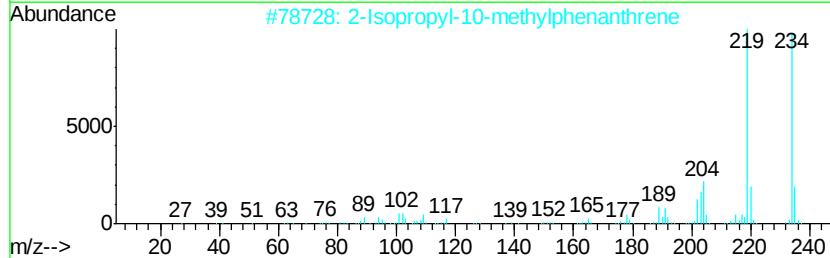
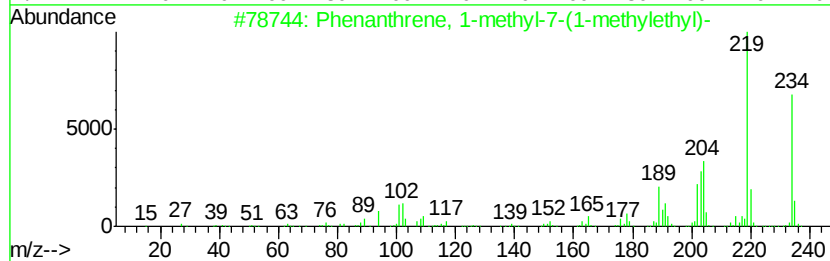
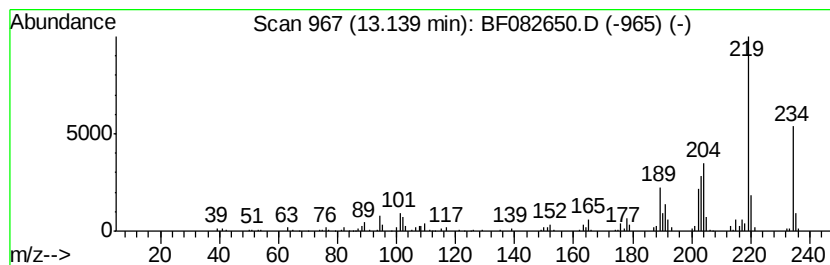
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl-7-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	5.56 ng	341480	Chrysene-d12	14.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53
4		3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	52
5		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
Data File : BF082650.D
Acq On : 3 Nov 2015 00:28
Operator : UM/IZ
Sample : G4223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-20L

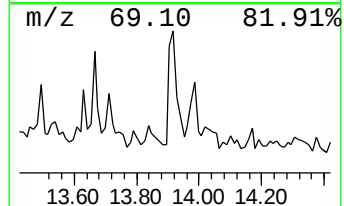
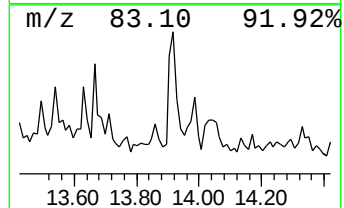
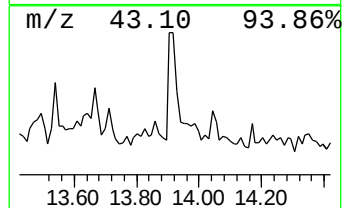
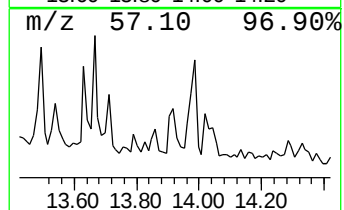
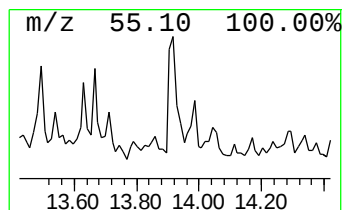
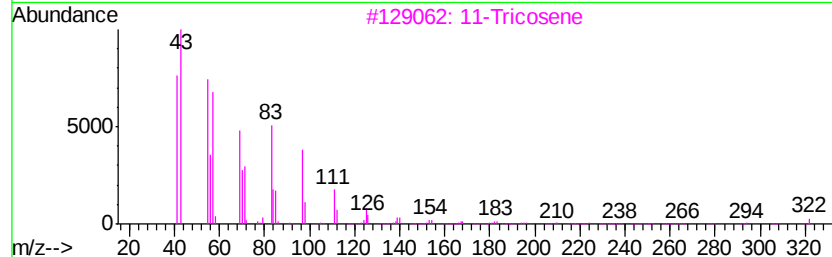
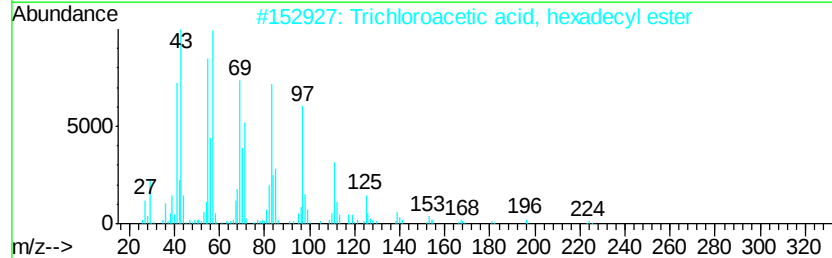
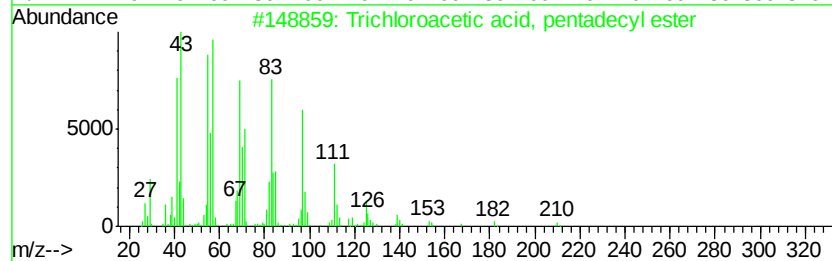
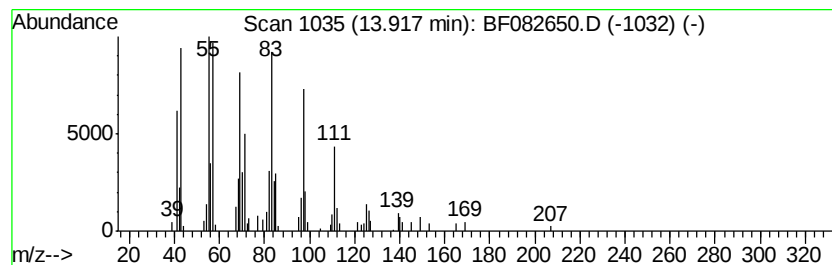
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.44 ng	149802	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		11-Tricosene	322	C23H46	052078-56-5	86
4		17-Pentatriacontene	491	C35H70	006971-40-0	83
5		Isotridecanol-	200	C13H28O	027458-92-0	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110215\
Data File : BF082650.D
Acq On : 3 Nov 2015 00:28
Operator : UM/IZ
Sample : G4223-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-20L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.08	50.4	ng	3331830	1	6.89	1323140	20.0
unknown6.66	6.66	107.5	ng	7112520	1	6.89	1323140	20.0
Pentadecane	10.85	2.3	ng	167450	4	11.41	1429230	20.0
n-Hexadecanoic acid	11.95	2.3	ng	166036	4	11.41	1429230	20.0
18-Norabietane	12.28	10.1	ng	724941	4	11.41	1429230	20.0
Phenanthrene, 1-m...	13.14	5.6	ng	341480	5	14.05	1228990	20.0
Trichloroacetic a...	13.92	2.4	ng	149802	5	14.05	1228990	20.0