

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093166.D
 Acq On : 25 Feb 2017 1:22
 Operator : SJ/MA
 Sample : I1954-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-03(0-5)-D

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-BF013017.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	5.002	252	255	269	rBV	1239139	1836474	41.30%	3.898%
2	5.424	290	292	295	rBV	3078105	4031660	90.67%	8.558%
3	6.476	381	384	386	rBV	3805320	4446468	100.00%	9.438%
4	6.602	392	395	397	rBV	4154775	4104988	92.32%	8.713%
5	6.830	413	415	418	rBV	1160329	963207	21.66%	2.044%
6	6.990	426	429	431	rBV	3337719	3175765	71.42%	6.741%
7	7.402	462	465	468	rBV	2446266	2520922	56.69%	5.351%
8	8.122	526	528	531	rBV	1476644	1301300	29.27%	2.762%
9	9.208	620	623	625	rBV	3198461	4294342	96.58%	9.115%
10	9.596	655	657	659	rBV	492889	398021	8.95%	0.845%
11	9.813	672	676	679	rBV	32998	52448	1.18%	0.111%
12	9.882	679	682	683	rBV	1035967	1414907	31.82%	3.003%
13	10.305	715	719	721	rBV	91997	112759	2.54%	0.239%
14	10.419	728	729	732	rVB2	44019	46331	1.04%	0.098%
15	10.533	736	739	742	rVV	25967	50970	1.15%	0.108%
16	10.671	748	751	753	rBV	2323789	2510376	56.46%	5.328%
17	10.785	759	761	765	rVB	151290	244924	5.51%	0.520%
18	10.968	775	777	782	rBV5	24465	63130	1.42%	0.134%
19	11.231	796	800	801	rBV	99725	113115	2.54%	0.240%
20	11.254	801	802	805	rVB	61263	68668	1.54%	0.146%
21	11.356	809	811	815	rBV2	1104198	2015861	45.34%	4.279%
22	11.436	815	818	820	rVB	173706	155715	3.50%	0.331%
23	11.596	829	832	835	rBV2	57150	75379	1.70%	0.160%
24	11.654	835	837	839	rVV	63325	50774	1.14%	0.108%
25	11.859	853	855	856	rBV	99795	97077	2.18%	0.206%
26	11.894	856	858	860	rVB	142829	133112	2.99%	0.283%
27	11.974	863	865	869	rVB2	181541	262764	5.91%	0.558%
28	12.065	869	873	875	rBV2	20306	45209	1.02%	0.096%
29	12.156	879	881	883	rBV	76537	72589	1.63%	0.154%
30	12.305	891	894	896	rBV2	39702	53475	1.20%	0.114%
31	12.408	901	903	905	rVV	97759	118721	2.67%	0.252%
32	12.442	905	906	909	rVV2	54454	91466	2.06%	0.194%
33	12.499	909	911	915	rVB2	61856	76865	1.73%	0.163%
34	12.568	915	917	920	rBV	789772	1021649	22.98%	2.169%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.637	920	923	925	rVB4	30566	46501	1.05%	0.099%
36	12.728	927	931	932	rBV2	36950	58612	1.32%	0.124%
37	12.797	932	937	940	rVV	783416	1087805	24.46%	2.309%
38	12.854	940	942	945	rVB2	50372	68948	1.55%	0.146%
39	12.945	947	950	953	rVV	2832655	3507747	78.89%	7.445%
40	13.025	953	957	961	rVV3	64957	108717	2.45%	0.231%
41	13.128	963	966	968	rVB	108939	183227	4.12%	0.389%
42	13.197	971	972	973	rVV	75694	58754	1.32%	0.125%
43	13.231	973	975	979	rVB2	89301	125097	2.81%	0.266%
44	13.322	982	983	985	rBV	45077	55225	1.24%	0.117%
45	13.357	985	986	988	rBV	65350	55169	1.24%	0.117%
46	13.517	998	1000	1002	rBV2	25493	47550	1.07%	0.101%
47	13.642	1007	1011	1013	rBV2	70987	106877	2.40%	0.227%
48	13.745	1017	1020	1022	rVV	72759	122995	2.77%	0.261%
49	13.802	1024	1025	1027	rVV2	53816	78130	1.76%	0.166%
50	13.848	1027	1029	1033	rVB	200150	280926	6.32%	0.596%
51	13.997	1039	1042	1047	rBV2	1167060	1794110	40.35%	3.808%
52	14.100	1049	1051	1053	rBV2	36518	52637	1.18%	0.112%
53	14.168	1054	1057	1060	rBV5	24724	66432	1.49%	0.141%
54	14.385	1074	1076	1078	rBV	73763	87979	1.98%	0.187%
55	14.465	1080	1083	1086	rVV4	47741	122724	2.76%	0.260%
56	14.511	1086	1087	1090	rVV2	46859	81634	1.84%	0.173%
57	14.580	1091	1093	1096	rVB4	25871	45732	1.03%	0.097%
58	14.831	1113	1115	1117	rVB	40393	45371	1.02%	0.096%
59	15.025	1129	1132	1136	rBV	275411	561382	12.63%	1.192%
60	15.128	1139	1141	1143	rVB	43253	52023	1.17%	0.110%
61	15.311	1155	1157	1160	rVB	174549	221288	4.98%	0.470%
62	15.368	1160	1162	1165	rBV	241264	291100	6.55%	0.618%
63	15.425	1165	1167	1174	rVB2	544446	939667	21.13%	1.995%
64	15.860	1201	1205	1207	rBV	32776	64319	1.45%	0.137%
65	16.488	1257	1260	1267	rVB9	12097	52750	1.19%	0.112%
66	16.831	1286	1290	1293	rBV	113338	214238	4.82%	0.455%
67	17.117	1312	1315	1320	rVB6	32321	76678	1.72%	0.163%
68	17.254	1323	1327	1332	rBV	92800	200349	4.51%	0.425%
69	17.494	1345	1348	1351	rBV	22230	57662	1.30%	0.122%
70	19.414	1511	1516	1521	rVB2	21383	70601	1.59%	0.150%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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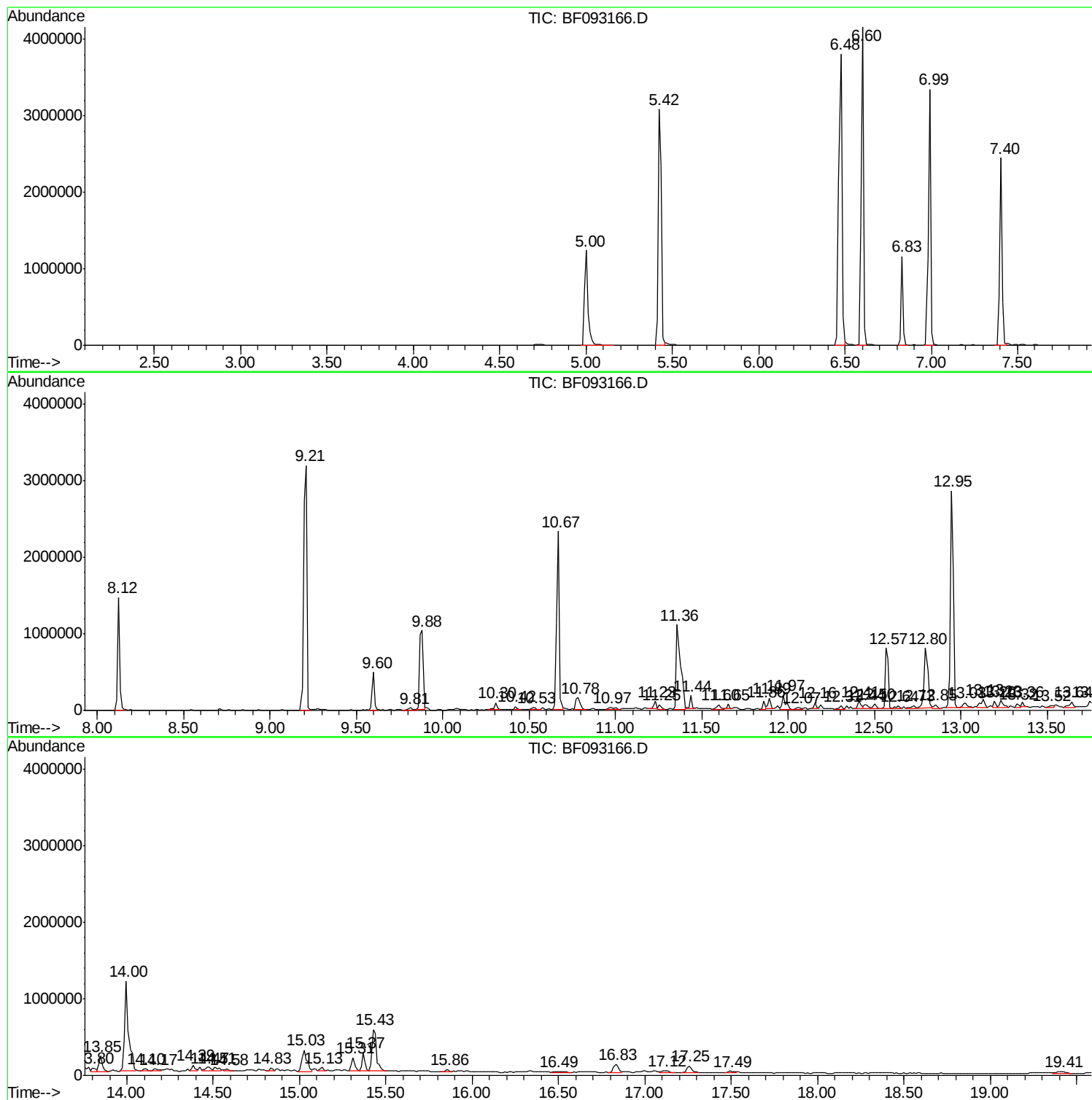
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : I1954-14
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Instrument :
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ClientSampleId :
CLP-S-03(0-5)-D

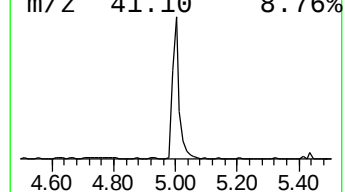
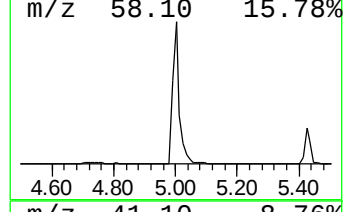
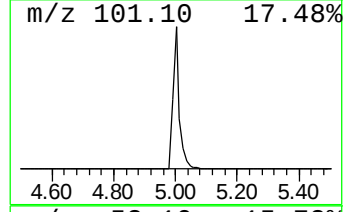
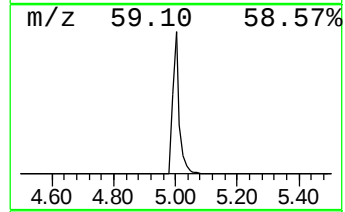
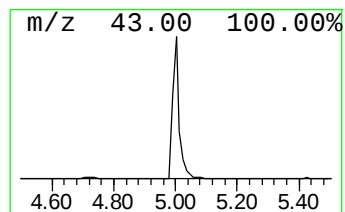
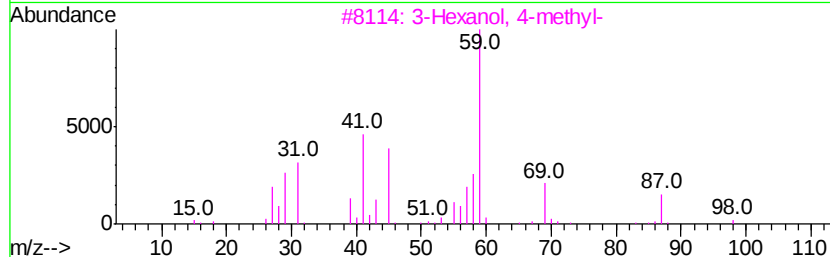
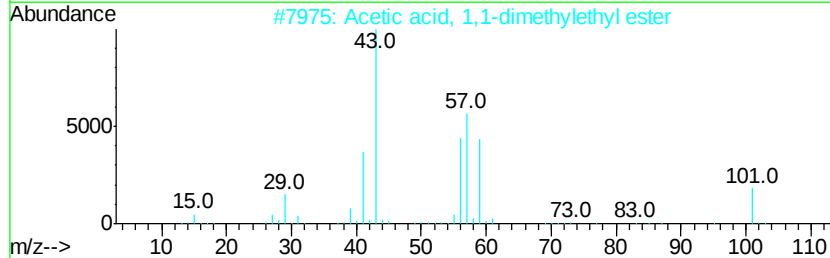
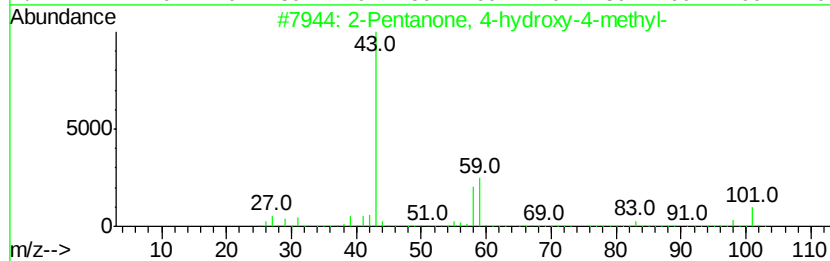
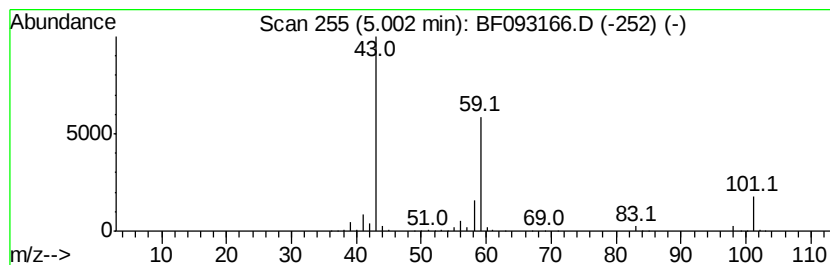
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	38.13 ng	1836470	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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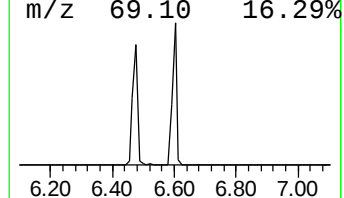
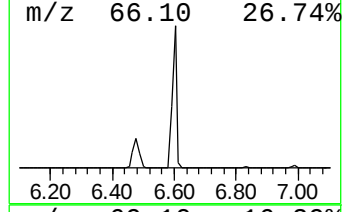
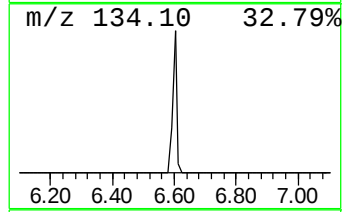
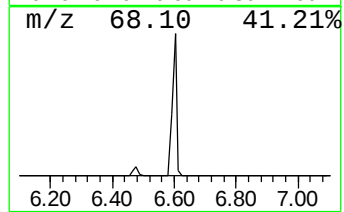
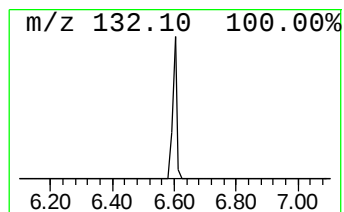
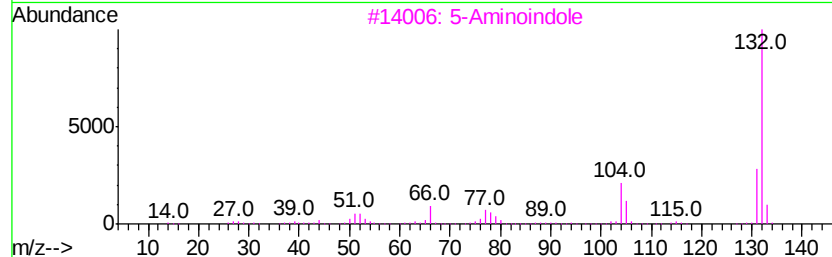
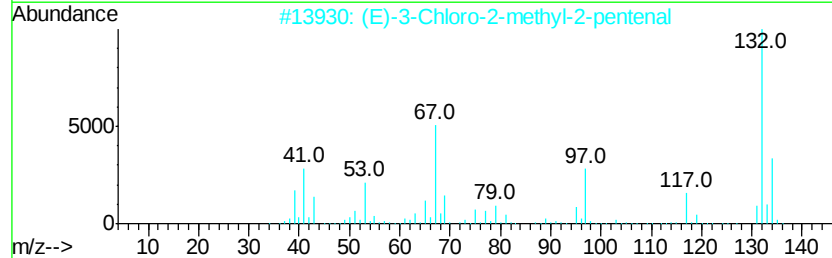
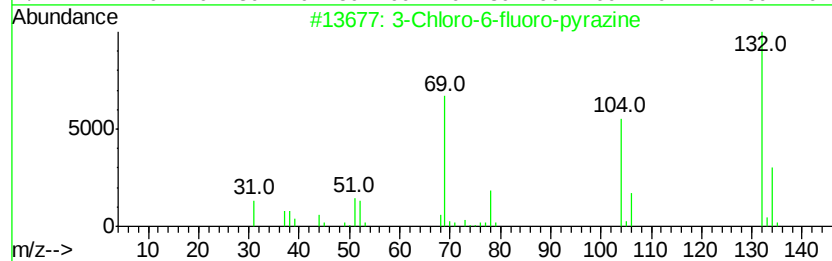
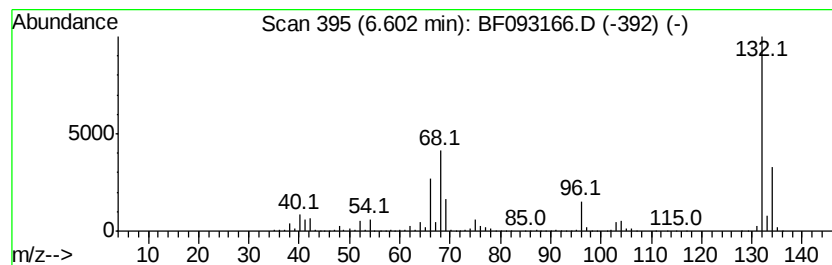
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	85.24 ng	4104990	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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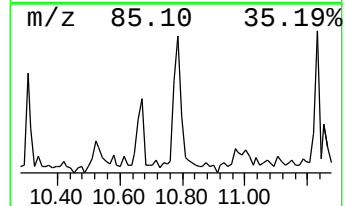
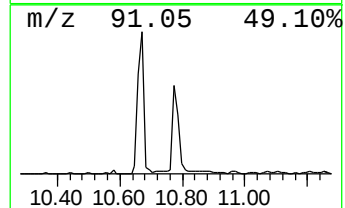
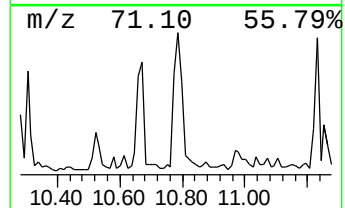
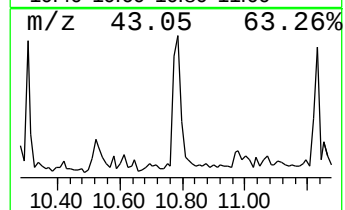
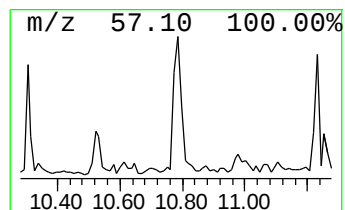
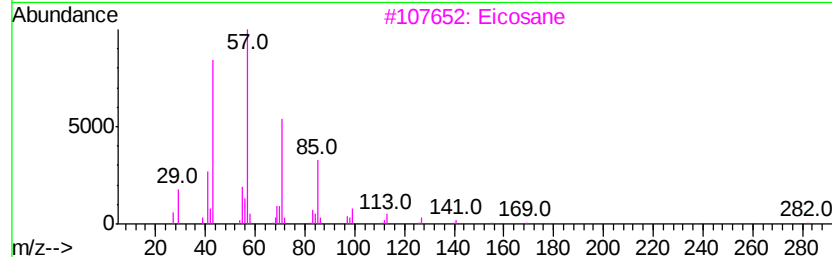
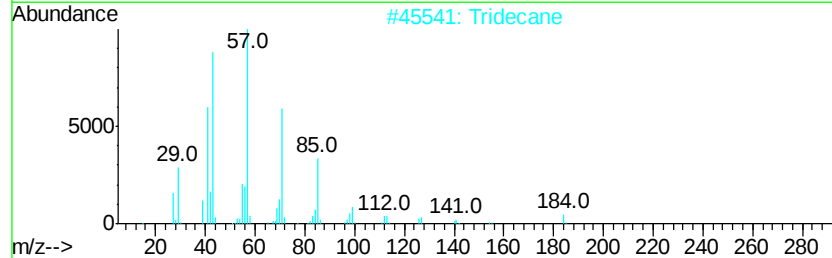
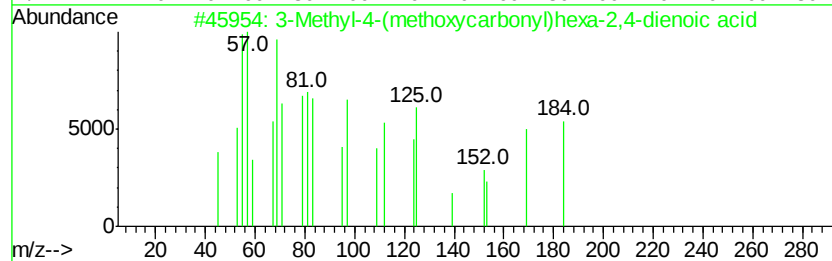
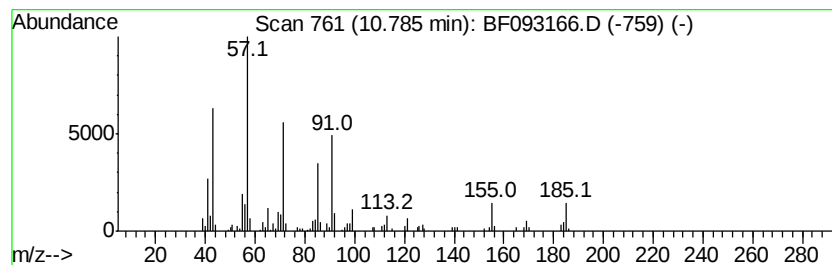
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Methyl-4-(methoxycarbonyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.43 ng	244924	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Eicosane	282	C20H42	000112-95-8	70
4		Tetradecane	198	C14H30	000629-59-4	58
5		5-Ethyldecane	170	C12H26	017302-36-2	58



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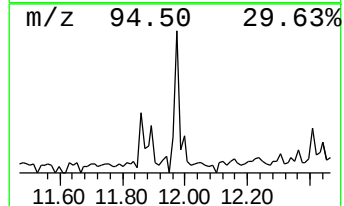
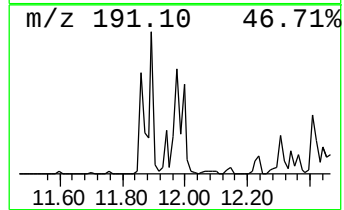
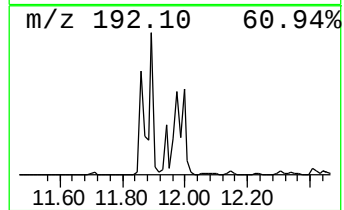
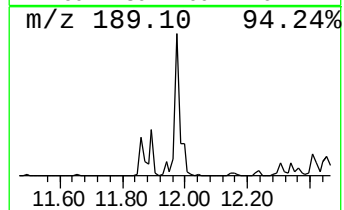
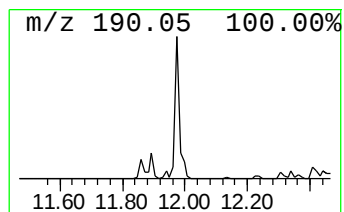
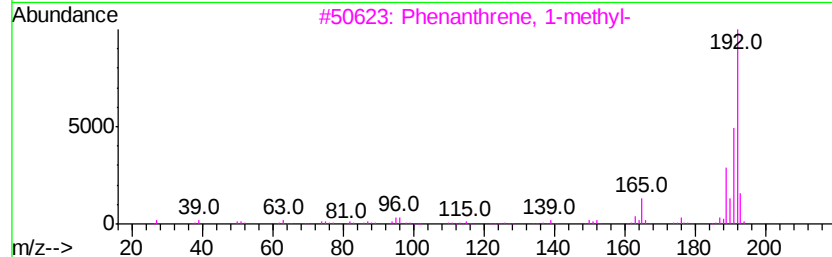
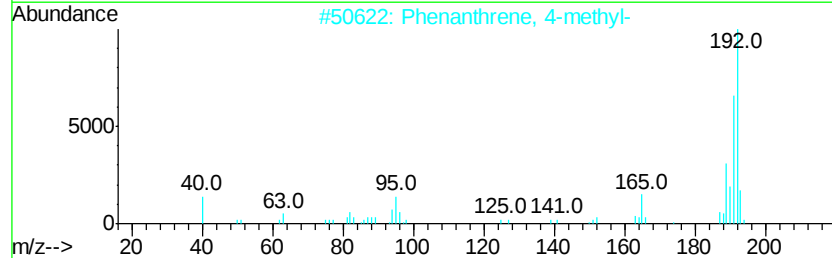
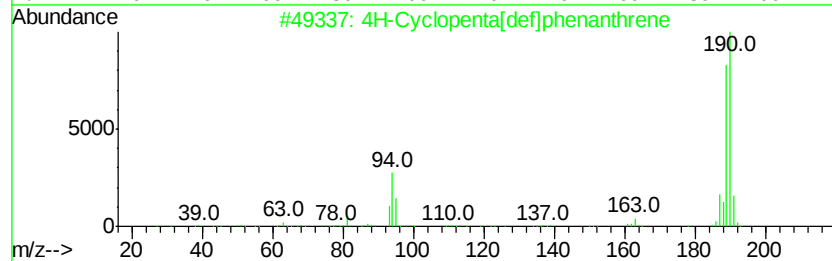
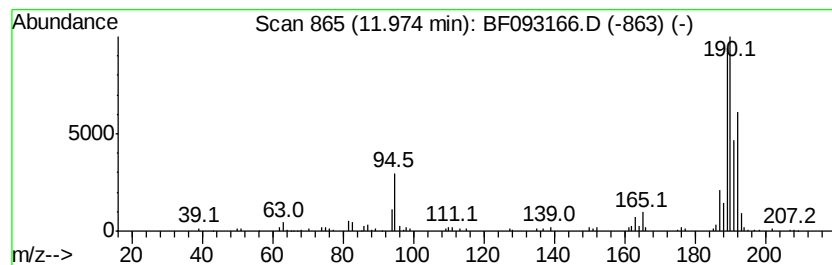
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.61 ng	262764	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	20
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093166.D
Acq On : 25 Feb 2017 1:22
Operator : SJ/MA
Sample : I1954-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)-D

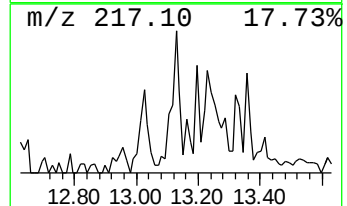
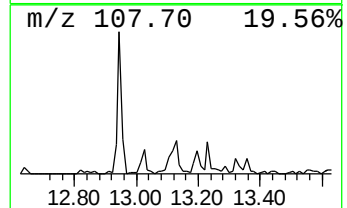
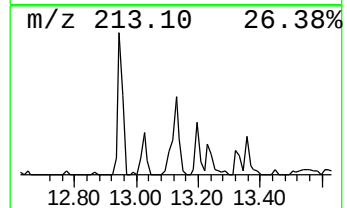
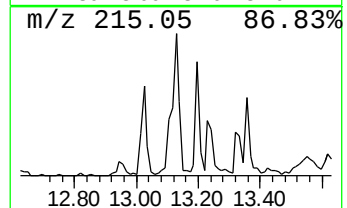
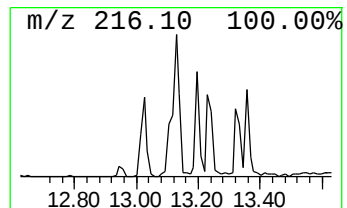
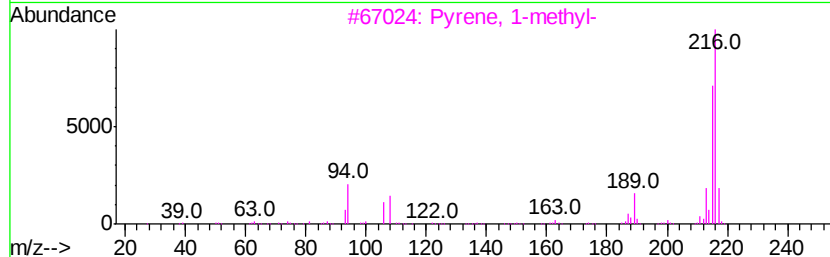
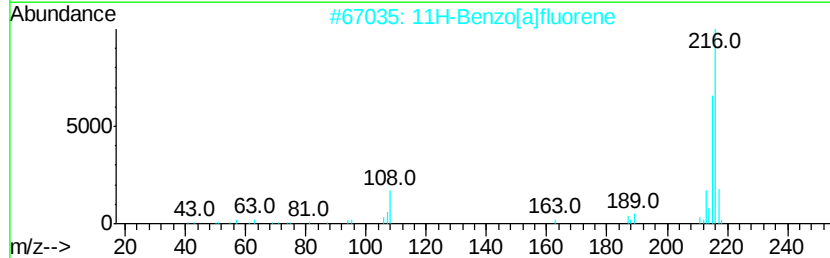
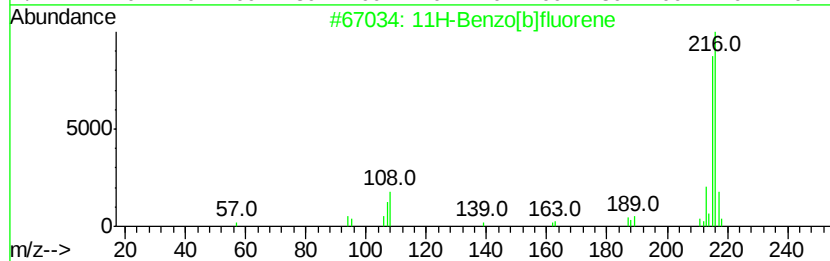
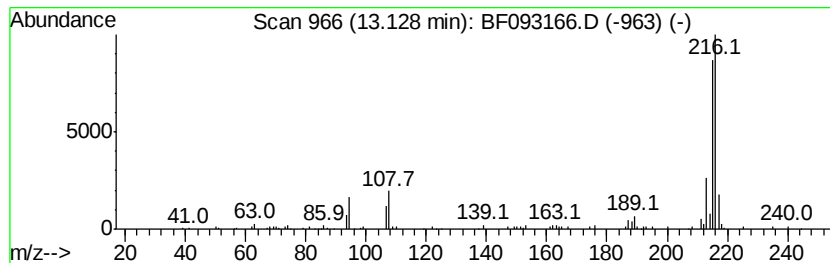
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.04 ng	183227	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Acq On : 25 Feb 2017 1:22
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Sample : I1954-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

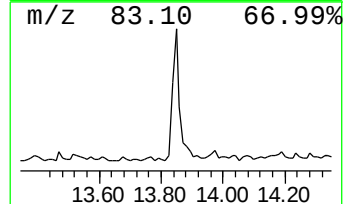
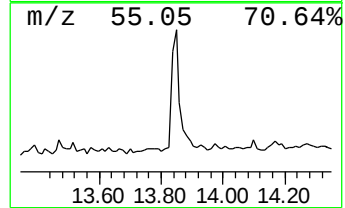
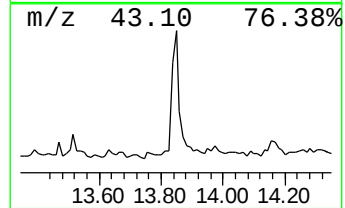
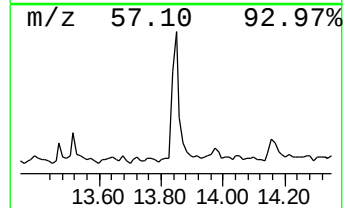
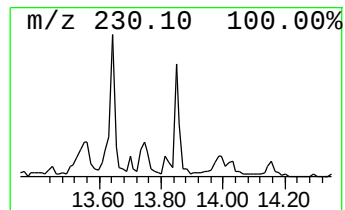
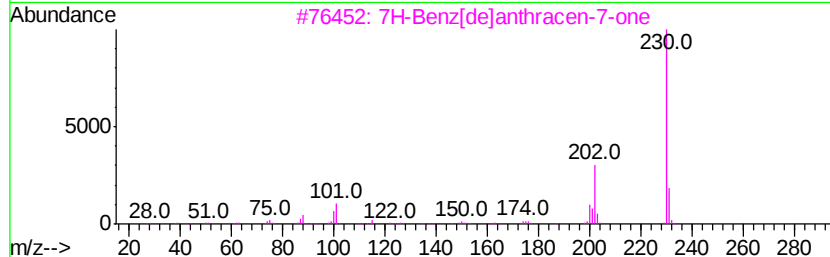
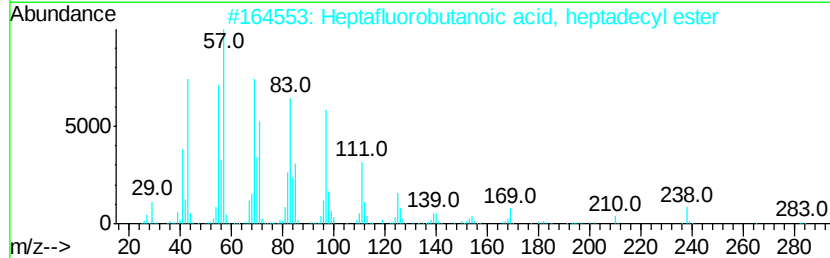
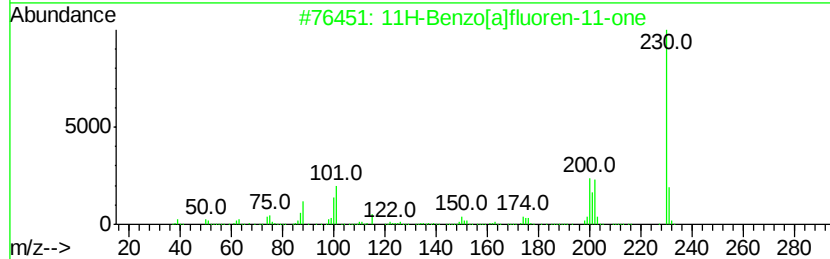
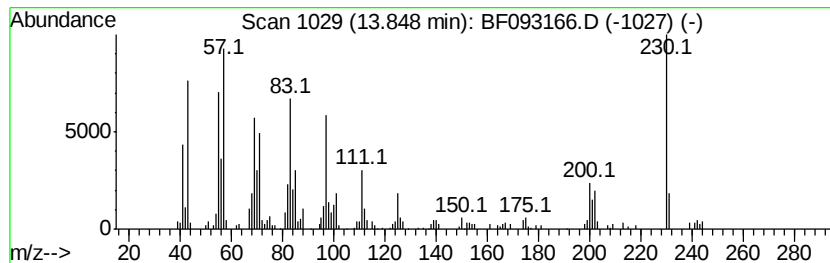
Instrument :
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ClientSampleId :
CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	3.13 ng	280926	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	78
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
4	Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	1000283-04-2	60
5	Trichloroacetic acid, hexadecyl ester	386	C18H33Cl3O2	074339-54-1	60



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-03(0-5)-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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...	5.00	38.1	ng	1836470	1	6.83	963207	20.0
unknown6.60	6.60	85.2	ng	4104990	1	6.83	963207	20.0
3-Methyl-4-(metho...	10.78	2.4	ng	244924	4	11.36	2015860	20.0
4H-Cyclopenta[def...	11.97	2.6	ng	262764	4	11.36	2015860	20.0
11H-Benzo[b]fluorene	13.13	2.0	ng	183227	5	14.00	1794110	20.0
11H-Benzo[a]fluor...	13.85	3.1	ng	280926	5	14.00	1794110	20.0