

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087825.D
 Acq On : 8 Jun 2016 22:46
 Operator : UM/SJ
 Sample : H3399-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-27

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-BF060716.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	1.667	4	7	10	rVB	3674887	6357137	100.00%	16.547%
2	1.747	13	14	24	rVB	162870	375653	5.91%	0.978%
3	1.884	24	26	40	rVB	1330170	2061132	32.42%	5.365%
4	2.067	40	42	74	rVB	65706	284646	4.48%	0.741%
5	5.004	297	299	306	rBB	149862	252019	3.96%	0.656%
6	5.427	333	336	338	rVB	1852147	1997578	31.42%	5.200%
7	6.467	423	427	429	rVB	1916155	2274336	35.78%	5.920%
8	6.593	435	438	441	rBV	1868589	2178527	34.27%	5.670%
9	6.822	456	458	461	rBV	456845	503726	7.92%	1.311%
10	6.982	470	472	475	rVB	1764559	1693357	26.64%	4.408%
11	7.393	505	508	510	rVB	1441228	1461174	22.98%	3.803%
12	8.113	568	571	573	rBV	851262	776456	12.21%	2.021%
13	9.199	663	666	668	rVB	2484703	2822390	44.40%	7.346%
14	9.587	698	700	702	rBV	229770	192678	3.03%	0.502%
15	9.873	722	725	726	rBV	672337	729865	11.48%	1.900%
16	9.896	726	727	729	rVB	79294	79746	1.25%	0.208%
17	10.410	771	772	776	rBV	67872	73739	1.16%	0.192%
18	10.662	791	794	796	rBV	1324015	1485382	23.37%	3.866%
19	10.788	803	805	808	rBV	54722	82784	1.30%	0.215%
20	11.199	839	841	843	rVV	275155	394263	6.20%	1.026%
21	11.233	843	844	850	rVB2	67311	106866	1.68%	0.278%
22	11.359	852	855	856	rBV	481449	893447	14.05%	2.326%
23	11.382	856	857	858	rVV	577246	398447	6.27%	1.037%
24	11.428	858	861	863	rVB	219217	189170	2.98%	0.492%
25	11.588	872	875	876	rBV2	49716	76412	1.20%	0.199%
26	11.851	896	898	899	rBV	73365	74018	1.16%	0.193%
27	11.885	899	901	903	rVB	107444	107388	1.69%	0.280%
28	11.965	906	908	912	rVB2	158414	212281	3.34%	0.553%
29	12.148	922	924	928	rVB2	62025	104916	1.65%	0.273%
30	12.399	944	946	948	rBV	48861	63726	1.00%	0.166%
31	12.445	948	950	952	rVV2	35392	66745	1.05%	0.174%
32	12.559	958	960	963	rVB	663296	913699	14.37%	2.378%
33	12.708	970	973	977	rBV3	27578	74043	1.16%	0.193%
34	12.788	977	980	983	rBV	730189	1002356	15.77%	2.609%

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Sampling : 1 Min Area: 3 % of largest Peak
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35	12.948	991	994	996	rVB	2004245	2177758	34.26%	5.668%
36	13.016	996	1000	1001	rBV3	57583	90745	1.43%	0.236%
37	13.119	1004	1009	1011	rVB2	140986	225470	3.55%	0.587%
38	13.188	1013	1015	1016	rBV	120503	96447	1.52%	0.251%
39	13.222	1016	1018	1020	rBV	98793	107035	1.68%	0.279%
40	13.519	1041	1044	1048	rBV4	26978	81996	1.29%	0.213%
41	13.622	1051	1053	1056	rVB	68724	83849	1.32%	0.218%
42	13.736	1060	1063	1064	rBV	87769	117218	1.84%	0.305%
43	13.771	1064	1066	1067	rVV	47382	67559	1.06%	0.176%
44	13.805	1067	1069	1070	rVB2	66475	72746	1.14%	0.189%
45	13.988	1081	1085	1087	rBV2	860756	1507196	23.71%	3.923%
46	14.091	1092	1094	1096	rVV	75018	79412	1.25%	0.207%
47	14.377	1114	1119	1120	rBV	95279	134496	2.12%	0.350%
48	14.468	1125	1127	1128	rVV	52560	66385	1.04%	0.173%
49	14.502	1128	1130	1133	rVB4	45242	106902	1.68%	0.278%
50	15.005	1171	1174	1179	rBV	356959	777236	12.23%	2.023%
51	15.108	1181	1183	1185	rVB	101227	108634	1.71%	0.283%
52	15.302	1197	1200	1202	rVB	173174	281096	4.42%	0.732%
53	15.359	1202	1205	1208	rVV	292433	373908	5.88%	0.973%
54	15.417	1208	1210	1216	rVB2	369933	588497	9.26%	1.532%
55	16.091	1267	1269	1276	rVB5	31007	85906	1.35%	0.224%
56	16.640	1314	1317	1325	rVB2	31759	96429	1.52%	0.251%
57	16.800	1328	1331	1336	rVB2	127961	290824	4.57%	0.757%
58	17.223	1364	1368	1376	rVB	97876	223030	3.51%	0.581%
59	19.348	1549	1554	1563	rVB2	58316	217773	3.43%	0.567%

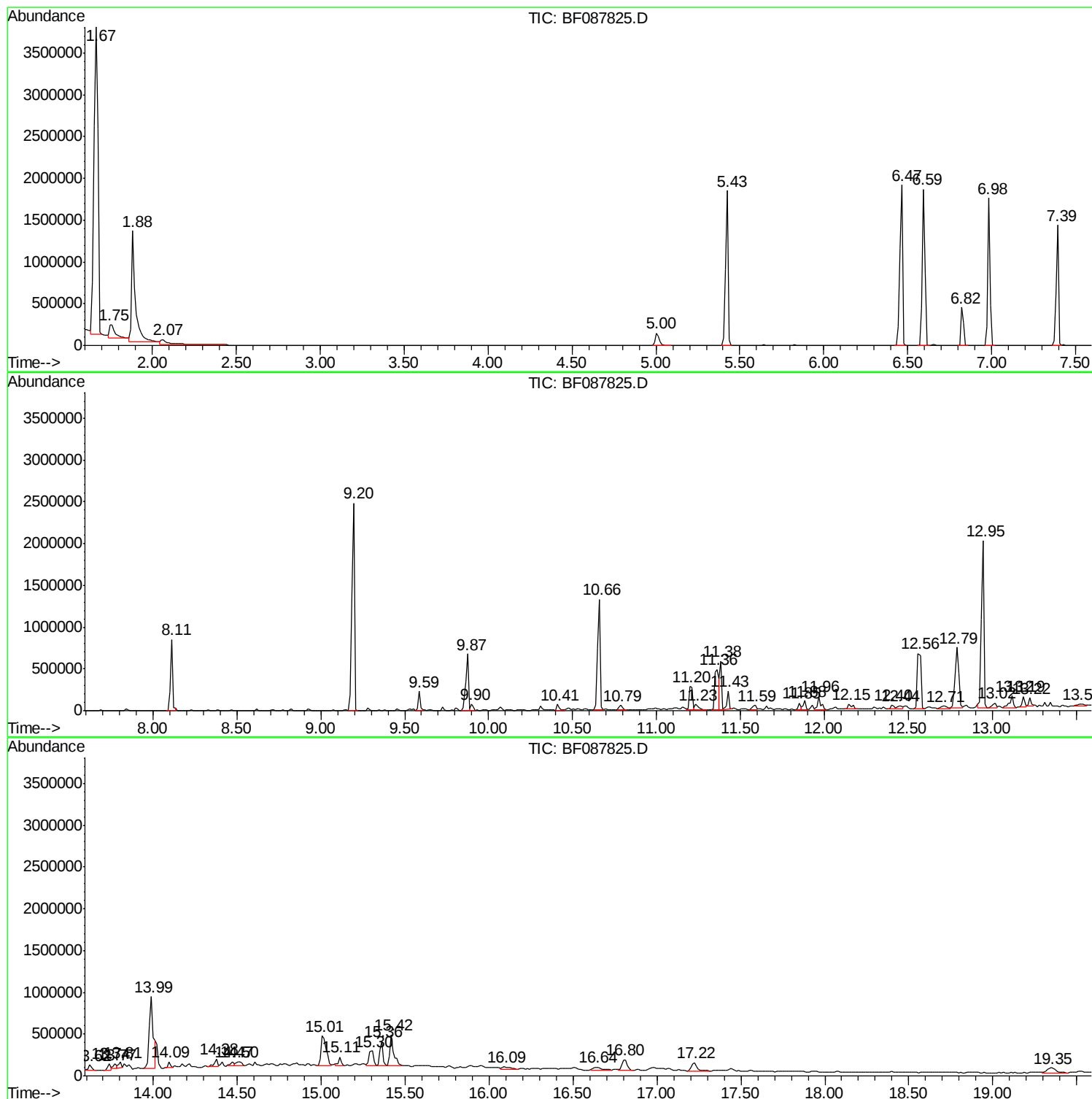
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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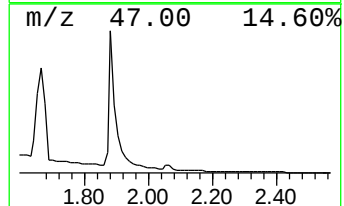
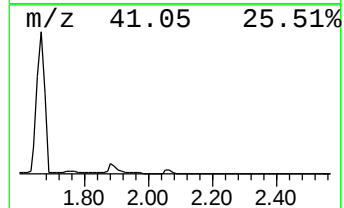
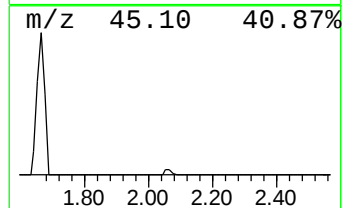
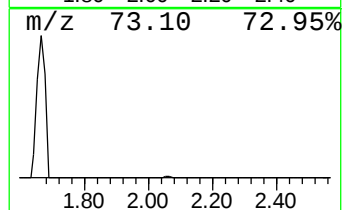
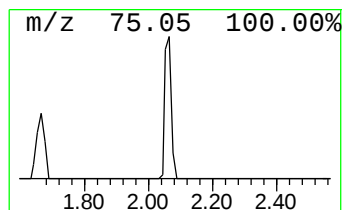
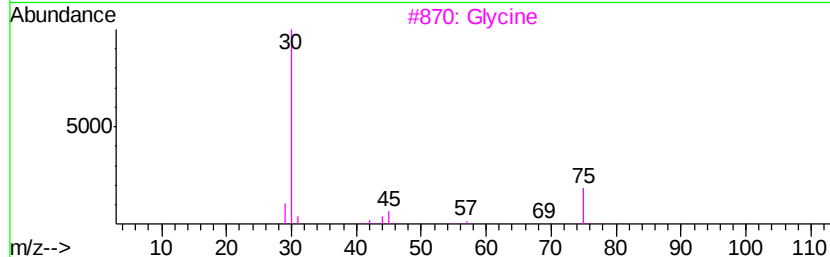
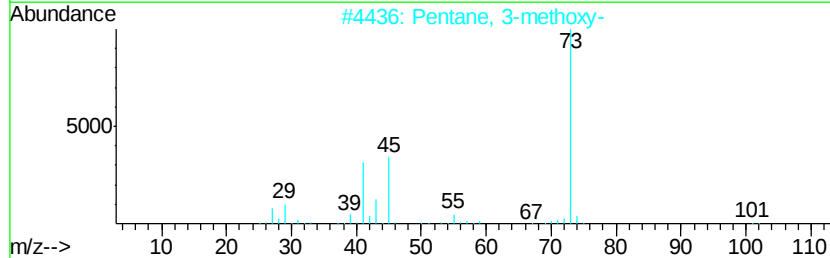
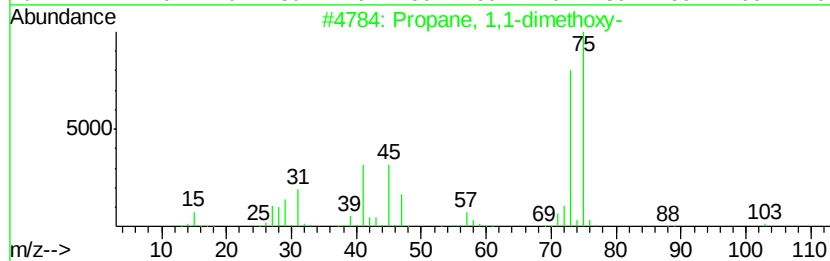
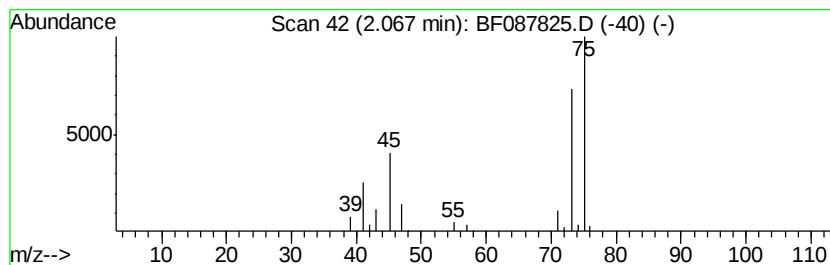
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.07	11.30 ng	284646	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3		Glycine	75	C2H5NO2	000056-40-6	7
4		Methane, nitroso-	45	CH3NO	000865-40-7	4
5		Pentanoic acid, 2-hydroxy-, ethy...	146	C7H14O3	006938-26-7	4



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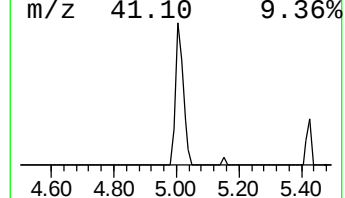
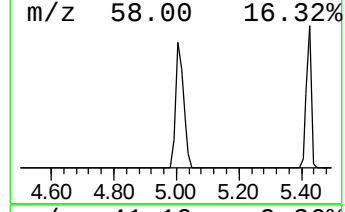
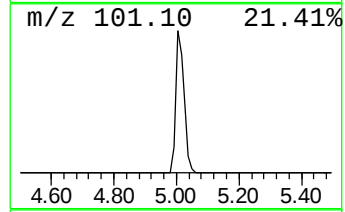
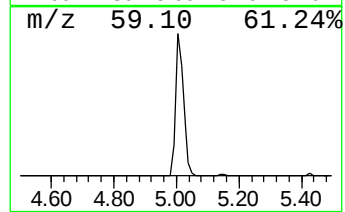
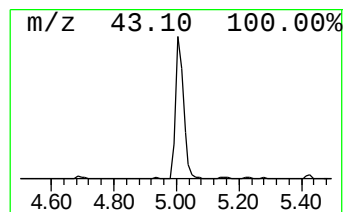
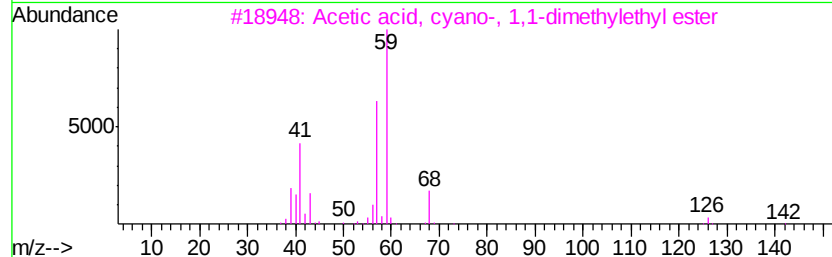
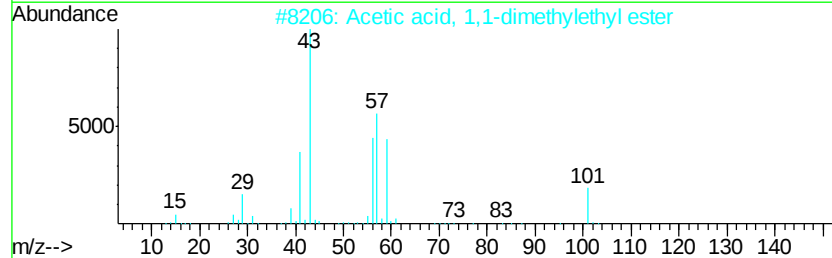
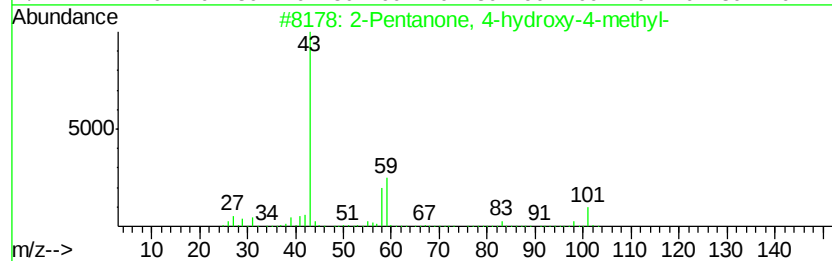
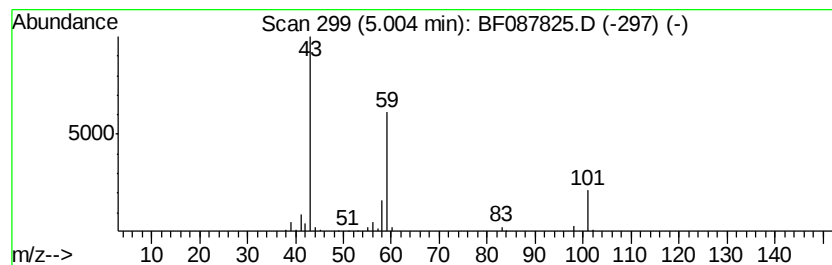
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.01 ng	252019	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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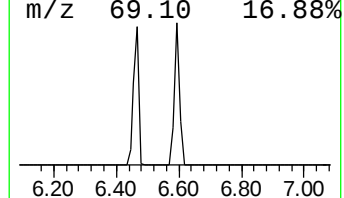
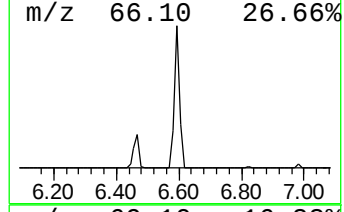
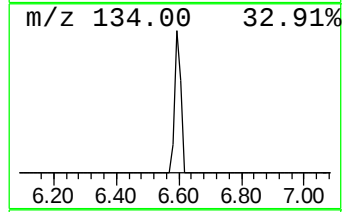
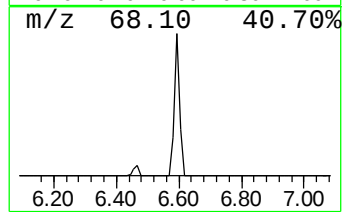
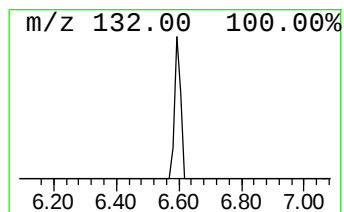
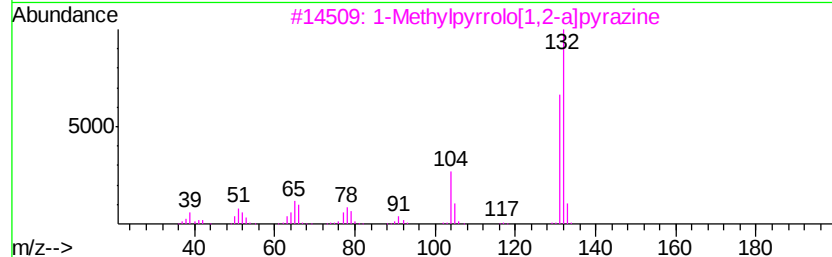
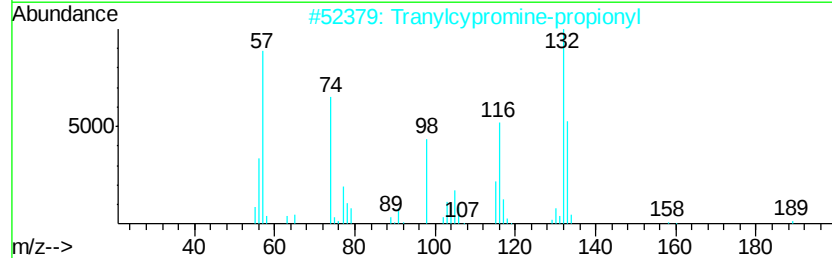
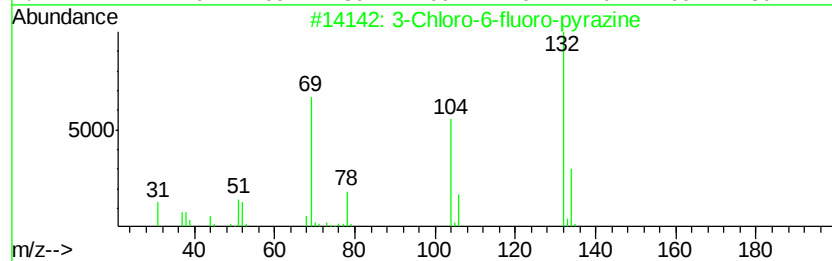
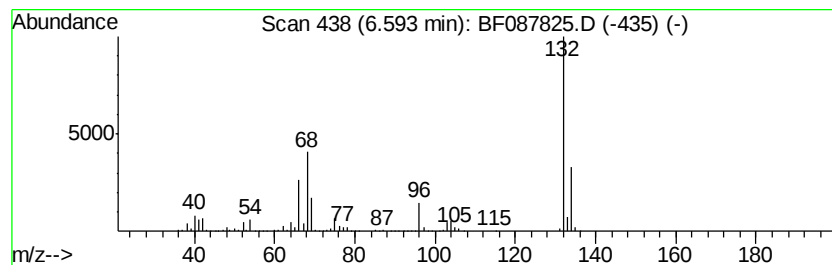
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	86.50 ng	2178530	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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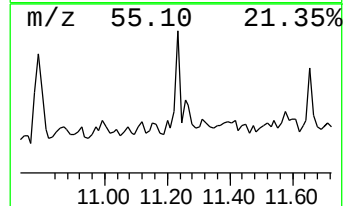
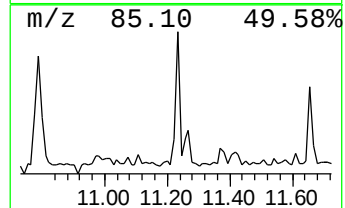
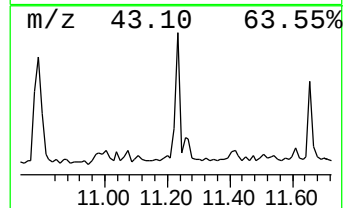
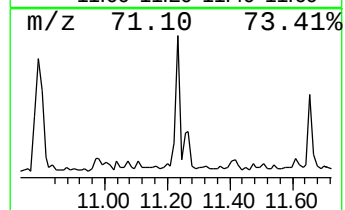
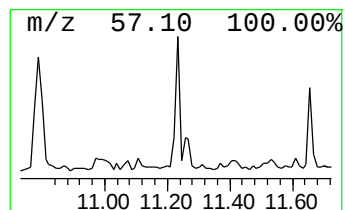
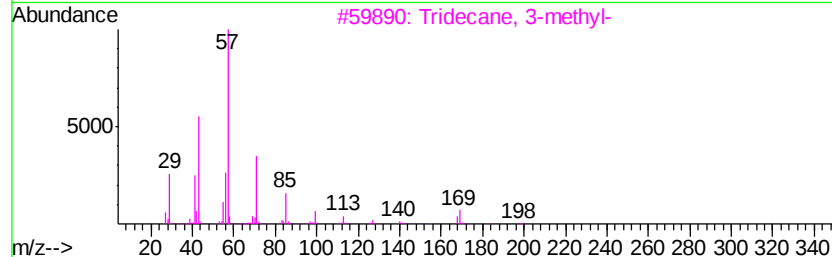
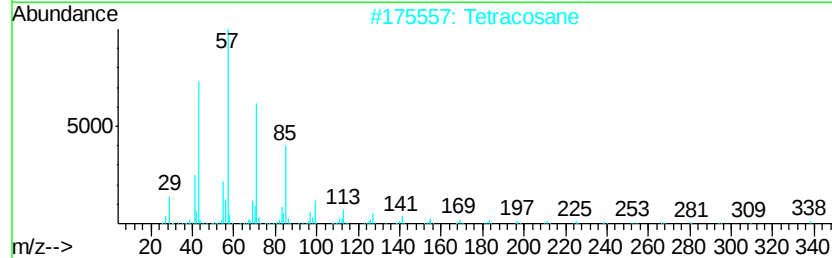
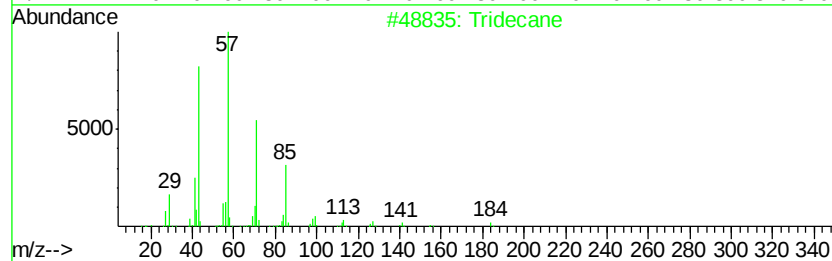
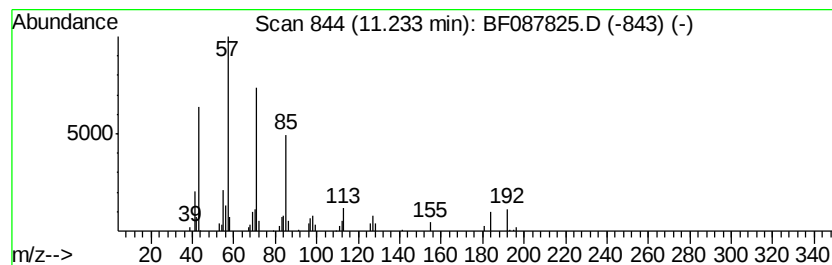
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Peak Number 10 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.39 ng	106866	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	87
2	Tetracosane	338 C24H50	000646-31-1	72
3	Tridecane, 3-methyl-	198 C14H30	006418-41-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	72



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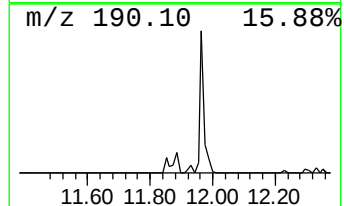
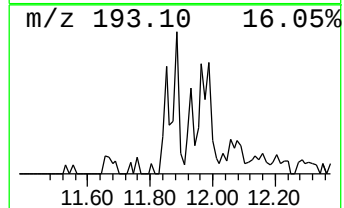
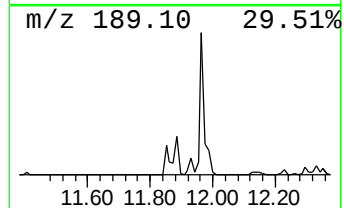
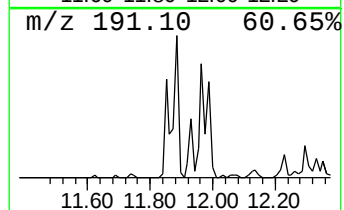
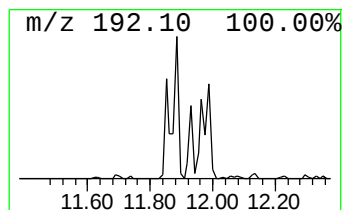
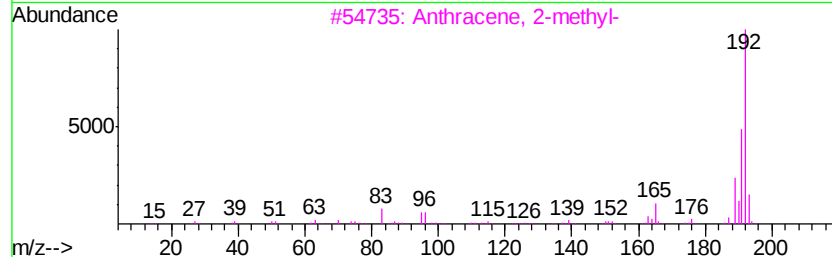
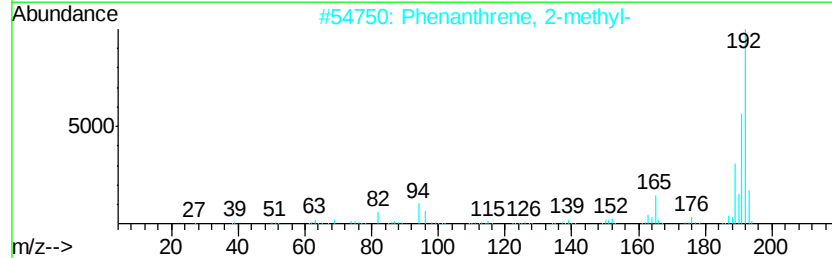
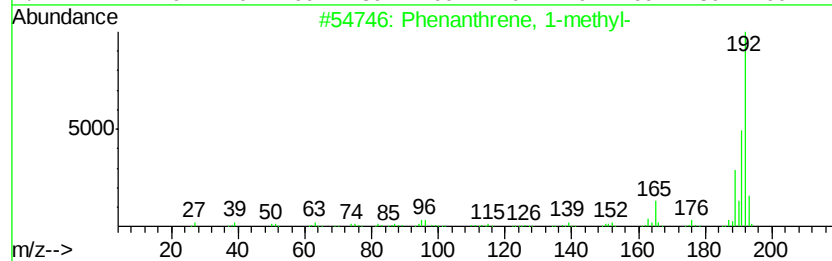
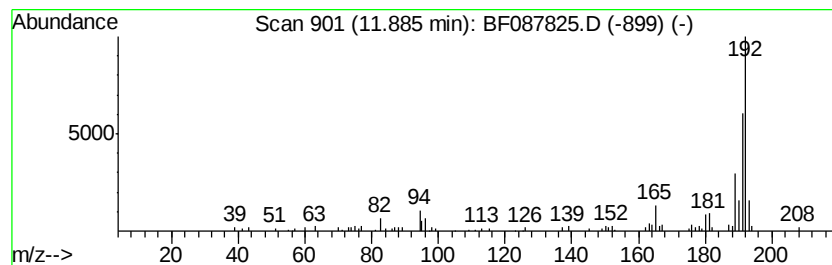
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.40 ng	107388	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
Data File : BF087825.D
Acq On : 8 Jun 2016 22:46
Operator : UM/SJ
Sample : H3399-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-27

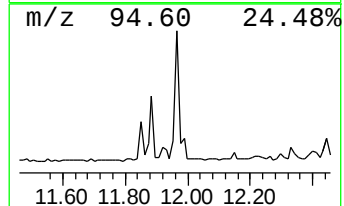
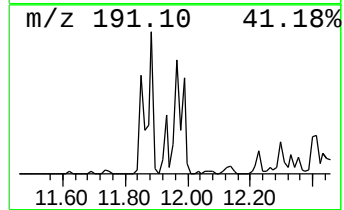
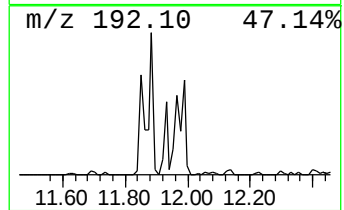
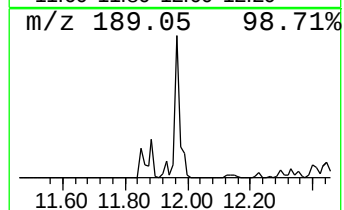
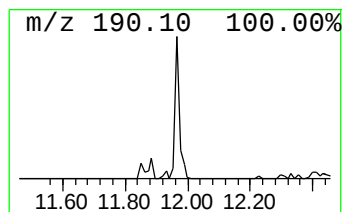
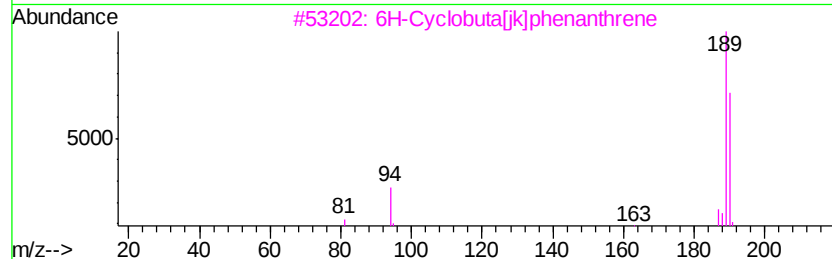
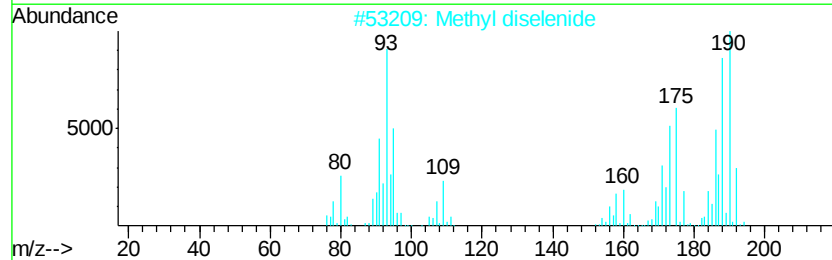
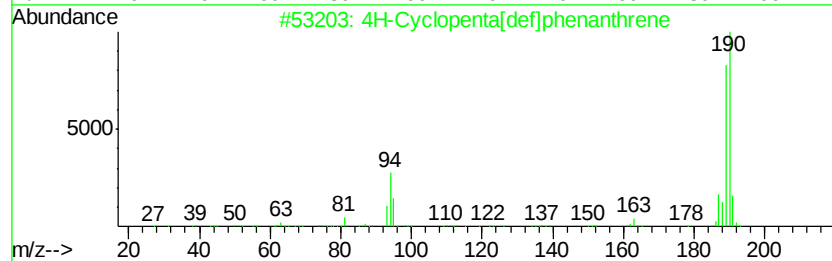
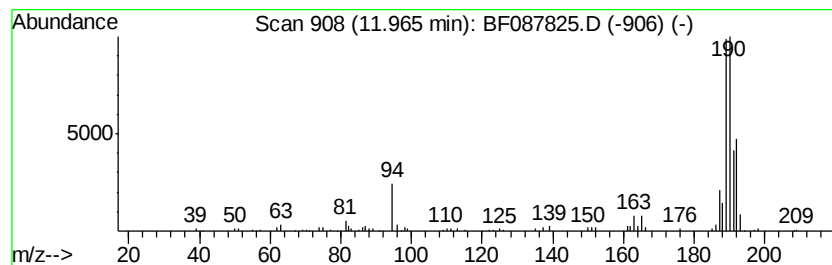
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.75 ng	212281	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2			Methyl diselenide	190	C2H6Se2	007101-31-7	45
3			6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087825.D
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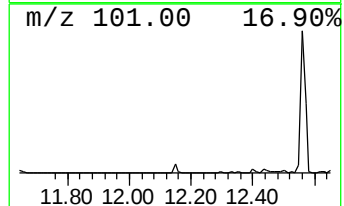
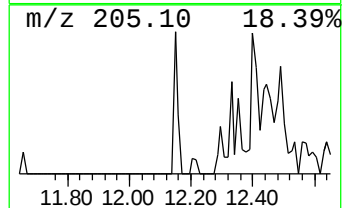
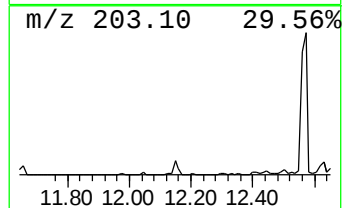
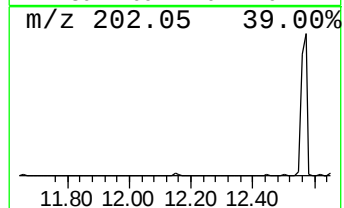
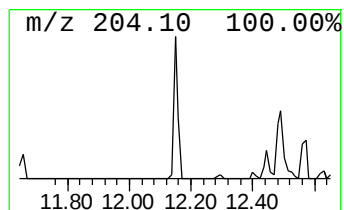
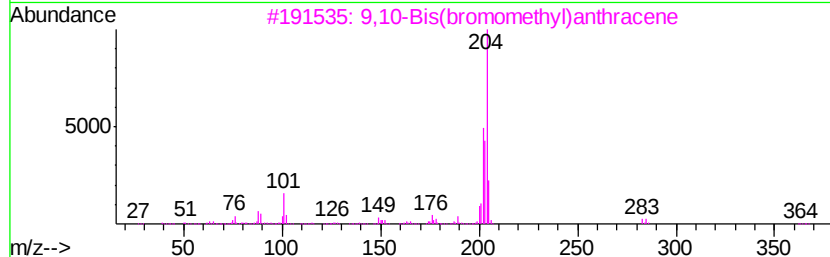
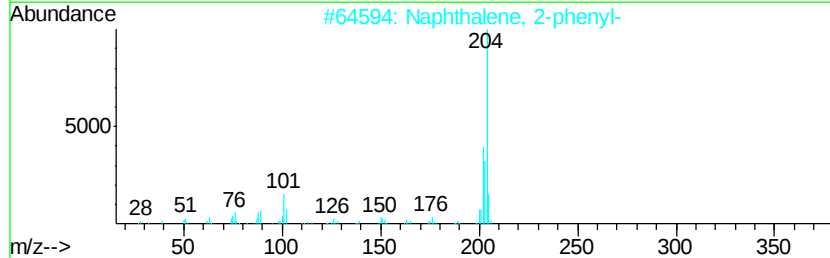
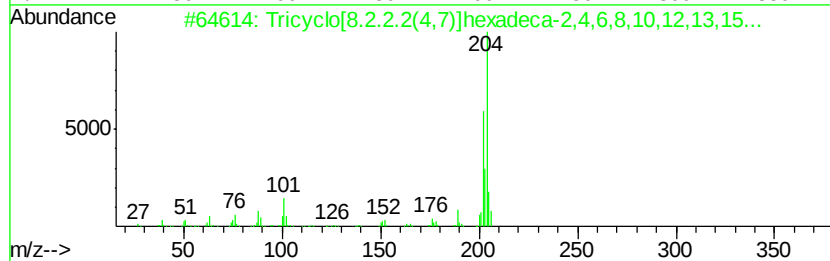
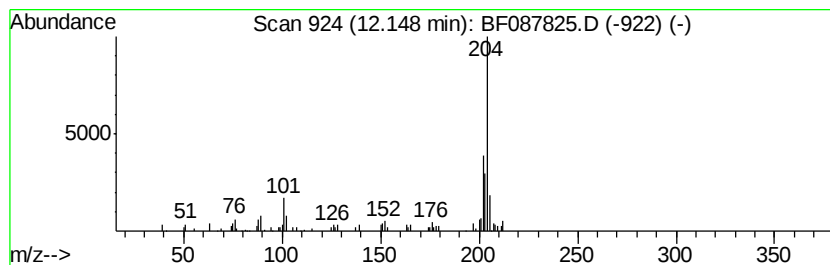
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.35 ng	104916	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	92
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53
4		Levamisole	204	C11H12N2S	014769-73-4	50
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
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Sample : H3399-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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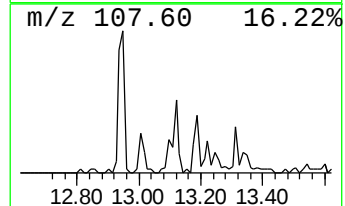
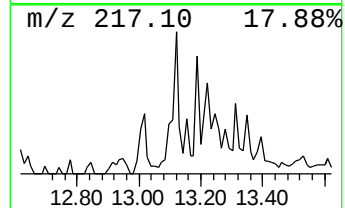
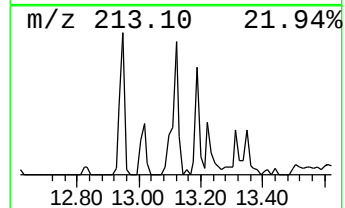
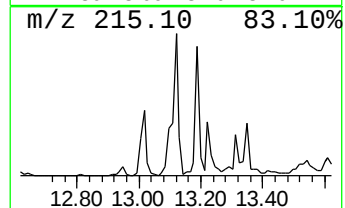
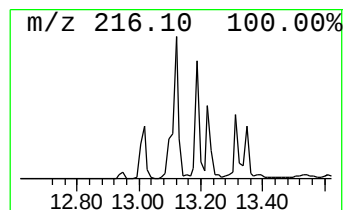
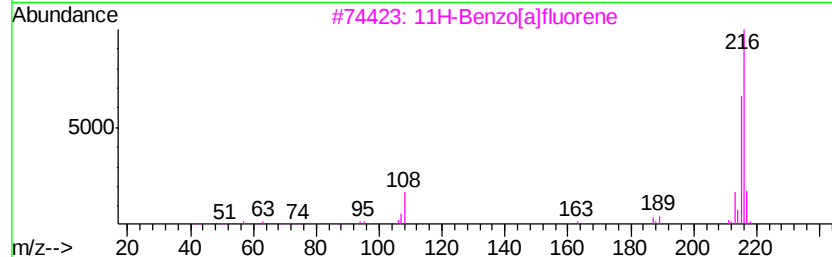
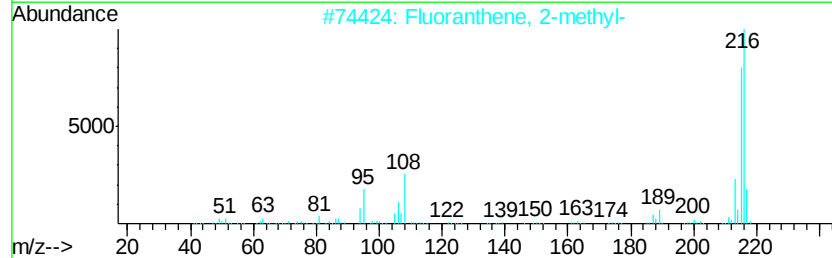
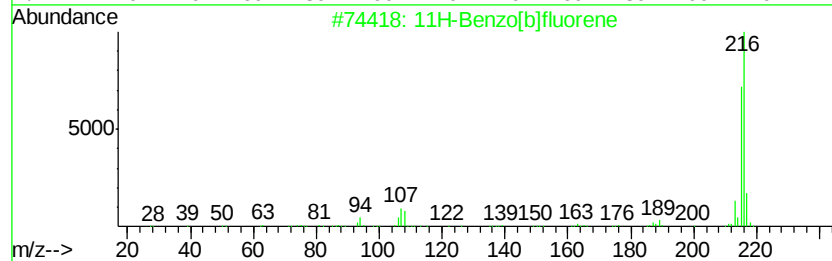
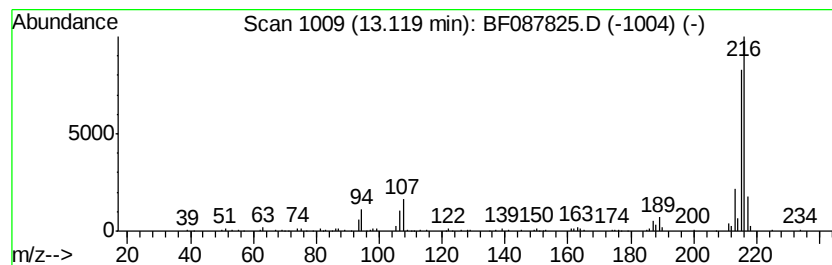
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.99 ng	225470	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



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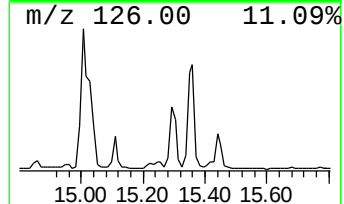
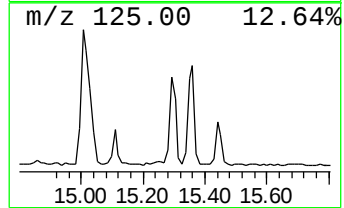
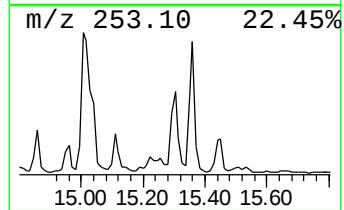
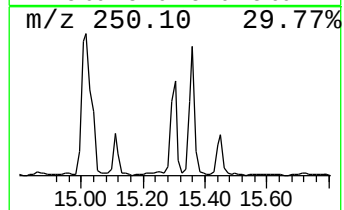
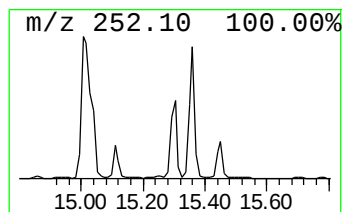
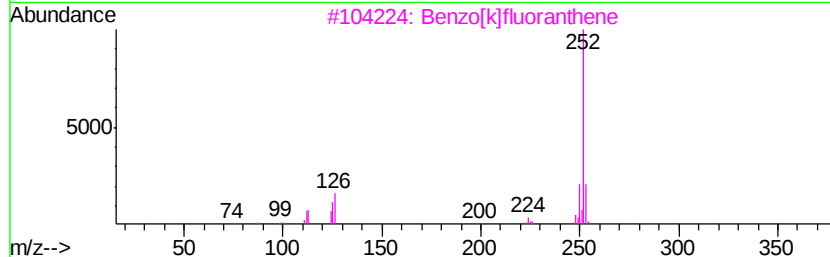
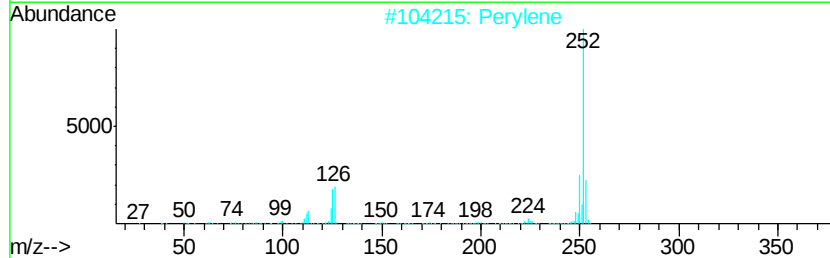
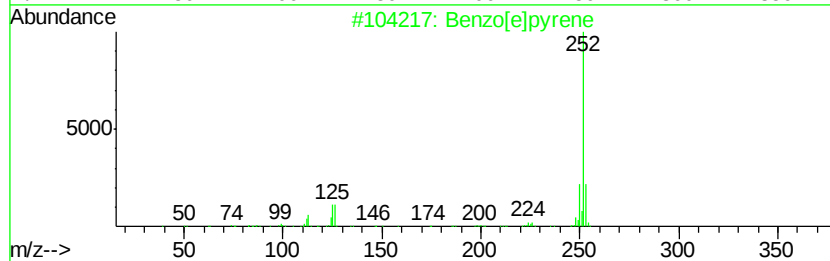
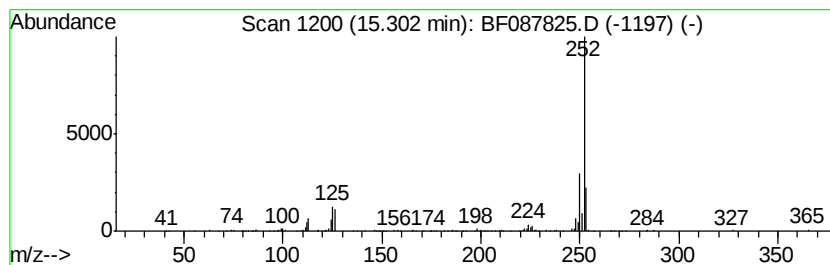
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	9.55 ng	281096	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Perylene	252	C20H12	000198-55-0	94
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
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ClientSampleId :
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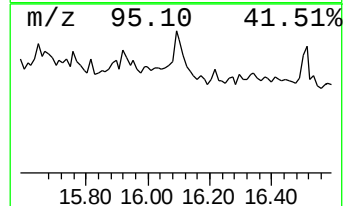
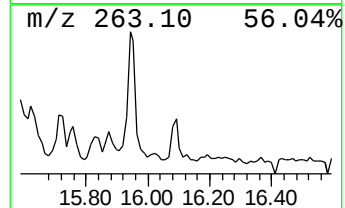
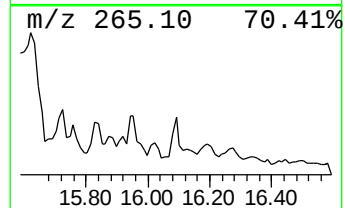
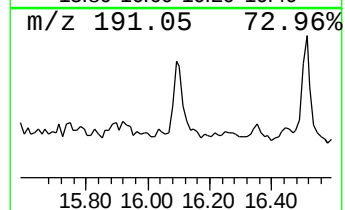
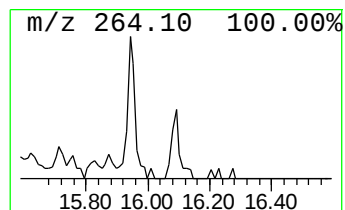
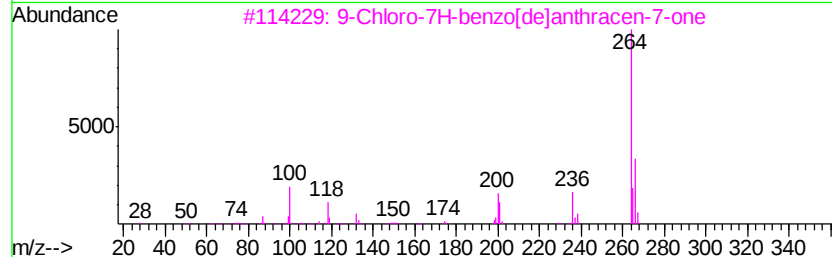
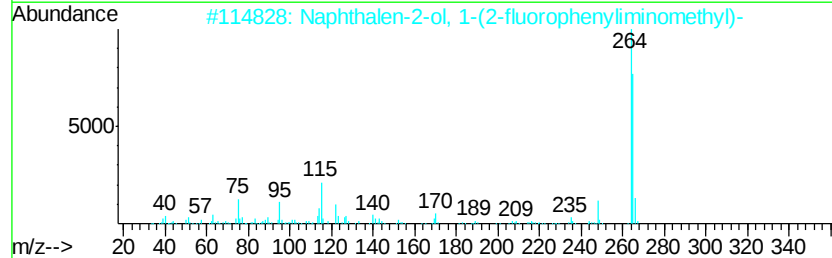
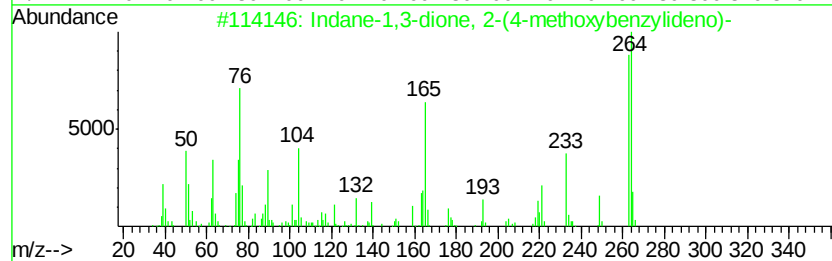
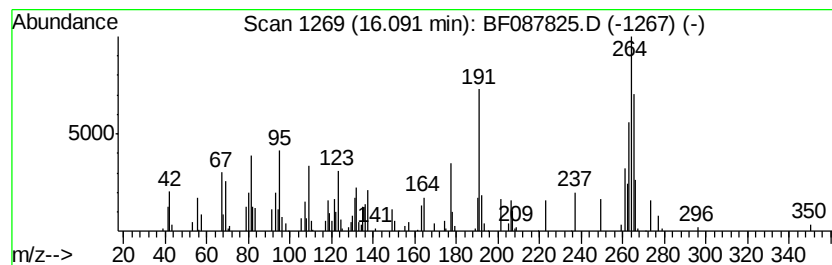
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.92 ng	85906	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	38
2		Naphthalen-2-ol, 1-(2-fluorophen...	265	C17H12FN0	073621-66-6	27
3		9-Chloro-7H-benzo[de]anthracen-7...	264	C17H9Cl0	024092-47-5	22
4		2-Oxo-6-phenyl-4-(2-hydroxypheny...	264	C16H12N2O2	017432-82-5	16
5		9H-Carbazole, 9-(2,2-dichloroeth...	261	C14H9Cl2N	1000327-36-1	16



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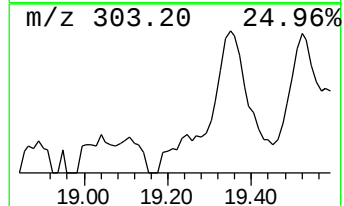
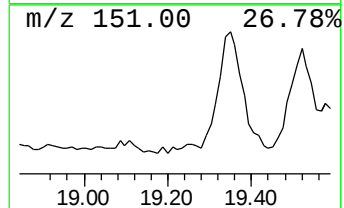
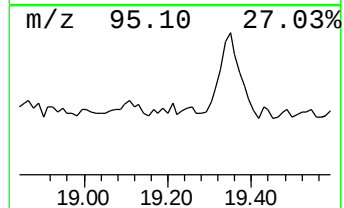
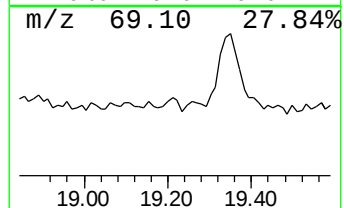
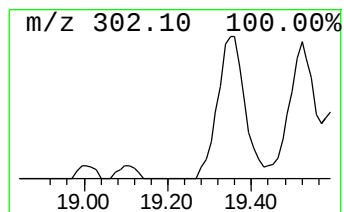
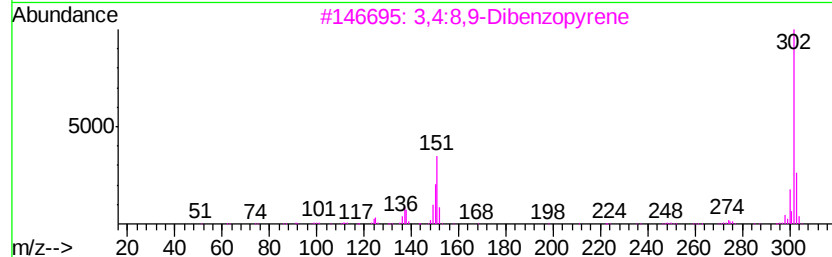
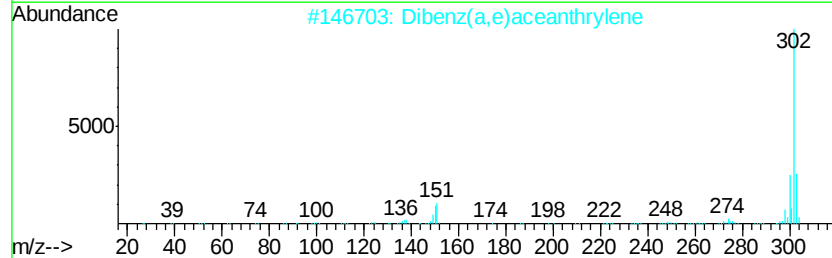
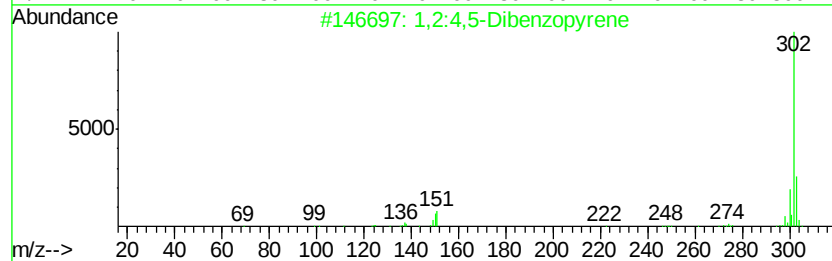
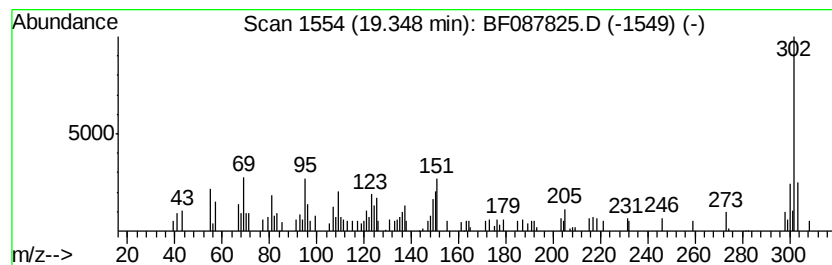
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	7.40 ng	217773	Perylene-d12	15.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	62
2			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	62
3			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	52
4			1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	49
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	43



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Sample : H3399-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-27

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 1,1-dime...	2.07	11.3	ng	284646	1	6.82	503726	20.0
2-Pentanone, 4-hy...	5.00	10.0	ng	252019	1	6.82	503726	20.0
unknown6.59	6.59	86.5	ng	2178530	1	6.82	503726	20.0
Tridecane	11.23	2.4	ng	106866	4	11.36	893447	20.0
Phenanthrene, 1-m...	11.88	2.4	ng	107388	4	11.36	893447	20.0
4H-Cyclopenta[def...	11.96	4.8	ng	212281	4	11.36	893447	20.0
Tricyclo[8.2.2.2(...	12.15	2.4	ng	104916	4	11.36	893447	20.0
11H-Benzo[b]fluorene	13.12	3.0	ng	225470	5	13.99	1507200	20.0
Benzo[e]pyrene	15.30	9.6	ng	281096	6	15.42	588497	20.0
unknown16.09	16.09	2.9	ng	85906	6	15.42	588497	20.0
1,2:4,5-Dibenzopy...	19.35	7.4	ng	217773	6	15.42	588497	20.0