

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098541.D
 Acq On : 14 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5160-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-7-2

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-BF091117.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	2.598	83	87	93	rVB3	24750	46847	1.17%	0.106%
2	4.834	464	467	480	rVB	233910	390762	9.76%	0.883%
3	5.204	522	530	535	rBV2	40975	56493	1.41%	0.128%
4	5.257	535	539	554	rVV	3510966	3796228	94.78%	8.581%
5	5.886	643	646	652	rVB3	52309	67039	1.67%	0.152%
6	6.169	691	694	698	rBV4	46097	57105	1.43%	0.129%
7	6.304	712	717	727	rBV	3678655	3867193	96.55%	8.741%
8	6.422	733	737	740	rBV	4211464	3845495	96.01%	8.692%
9	6.645	772	775	782	rVB	1001708	873316	21.80%	1.974%
10	6.804	798	802	805	rBV	3355799	2970274	74.16%	6.714%
11	7.039	837	842	844	rBV2	42047	46731	1.17%	0.106%
12	7.222	868	873	875	rBV	2415963	2443565	61.01%	5.523%
13	7.251	876	878	881	rVB2	78079	64355	1.61%	0.145%
14	7.928	988	993	1000	rBV	1241841	1286395	32.12%	2.908%
15	7.998	1003	1005	1008	rVB	62455	46781	1.17%	0.106%
16	8.222	1034	1043	1046	rBV7	32198	51451	1.28%	0.116%
17	8.357	1061	1066	1069	rBV	124330	120340	3.00%	0.272%
18	8.492	1086	1089	1092	rBV	335067	248278	6.20%	0.561%
19	8.527	1092	1095	1099	rVB	102871	87269	2.18%	0.197%
20	8.645	1112	1115	1118	rVB	128237	104487	2.61%	0.236%
21	8.739	1128	1131	1134	rBV	129288	103430	2.58%	0.234%
22	8.869	1150	1153	1156	rBV	134816	123181	3.08%	0.278%
23	8.898	1156	1158	1165	rVB	230326	230033	5.74%	0.520%
24	8.951	1165	1167	1171	rVB	64624	61641	1.54%	0.139%
25	9.010	1171	1177	1180	rBV	4659361	4005206	100.00%	9.053%
26	9.092	1188	1191	1193	rBV	106805	111219	2.78%	0.251%
27	9.151	1198	1201	1205	rVV	104382	91589	2.29%	0.207%
28	9.186	1205	1207	1210	rVV	145358	148383	3.70%	0.335%
29	9.216	1210	1212	1218	rVV	156435	160687	4.01%	0.363%
30	9.274	1218	1222	1225	rVB3	58235	82898	2.07%	0.187%
31	9.339	1230	1233	1236	rBV	124933	125438	3.13%	0.284%
32	9.369	1236	1238	1241	rVV	96545	88164	2.20%	0.199%
33	9.404	1241	1244	1247	rVV	724726	573036	14.31%	1.295%
34	9.457	1250	1253	1257	rVV	61760	61672	1.54%	0.139%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.616	1277	1280	1283	rBV	135904	110706	2.76%	0.250%
36	9.680	1284	1291	1294	rVV	1364081	1211668	30.25%	2.739%
37	9.722	1294	1298	1300	rVV4	36427	48867	1.22%	0.110%
38	9.786	1304	1309	1313	rBV3	55326	95267	2.38%	0.215%
39	9.839	1313	1318	1322	rVV8	43954	97665	2.44%	0.221%
40	9.886	1322	1326	1329	rVV2	95710	117032	2.92%	0.265%
41	9.922	1330	1332	1339	rVB3	59116	77260	1.93%	0.175%
42	9.998	1342	1345	1348	rBV3	64158	60955	1.52%	0.138%
43	10.086	1355	1360	1362	rBV3	77097	92385	2.31%	0.209%
44	10.116	1362	1365	1368	rVB	144630	122799	3.07%	0.278%
45	10.221	1379	1383	1385	rBV2	62660	62515	1.56%	0.141%
46	10.333	1398	1402	1407	rVB3	75533	90311	2.25%	0.204%
47	10.392	1407	1412	1415	rBV	752630	693672	17.32%	1.568%
48	10.469	1419	1425	1431	rBV	1925105	1968998	49.16%	4.450%
49	10.598	1442	1447	1453	rVB3	222965	316115	7.89%	0.715%
50	10.798	1479	1481	1487	rVB3	55193	56587	1.41%	0.128%
51	10.904	1494	1499	1501	rBV3	58655	81281	2.03%	0.184%
52	10.974	1507	1511	1514	rBV2	73316	75102	1.88%	0.170%
53	11.033	1519	1521	1524	rVV	158002	139428	3.48%	0.315%
54	11.063	1524	1526	1531	rVB3	68069	69185	1.73%	0.156%
55	11.163	1539	1543	1545	rBV	1146830	1008813	25.19%	2.280%
56	11.186	1545	1547	1550	rVB	277531	224112	5.60%	0.507%
57	11.345	1568	1574	1578	rVB3	47400	75570	1.89%	0.171%
58	11.398	1580	1583	1588	rVV4	41011	80202	2.00%	0.181%
59	11.457	1591	1593	1596	rVV	155828	131823	3.29%	0.298%
60	11.492	1597	1599	1604	rVB3	38868	58011	1.45%	0.131%
61	11.663	1625	1628	1630	rBV	113856	96224	2.40%	0.217%
62	11.692	1630	1633	1636	rVB	180082	171906	4.29%	0.389%
63	11.751	1640	1643	1644	rVV2	72173	66188	1.65%	0.150%
64	11.768	1644	1646	1649	rVV	142683	138218	3.45%	0.312%
65	11.792	1649	1650	1654	rVB	88906	73408	1.83%	0.166%
66	11.863	1658	1662	1665	rBV	117706	117753	2.94%	0.266%
67	11.957	1675	1678	1681	rBV2	87886	89461	2.23%	0.202%
68	12.104	1698	1703	1706	rBV3	61294	84588	2.11%	0.191%
69	12.139	1706	1709	1711	rVV2	61865	53816	1.34%	0.122%
70	12.210	1718	1721	1724	rBV	137299	125421	3.13%	0.283%
71	12.251	1724	1728	1733	rVV3	137671	184416	4.60%	0.417%

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72	12.298	1733	1736	1739	rVB2	59016	64016	1.60%	0.145%
73	12.368	1745	1748	1752	rBV	538230	484254	12.09%	1.095%
74	12.598	1781	1787	1789	rBV	472748	465548	11.62%	1.052%
75	12.621	1789	1791	1794	rVV	108885	95781	2.39%	0.216%
76	12.657	1794	1797	1803	rVB3	64980	86006	2.15%	0.194%
77	12.745	1808	1812	1818	rVB	2867733	2723437	68.00%	6.156%
78	12.815	1821	1824	1832	rBV6	49405	90447	2.26%	0.204%
79	12.910	1836	1840	1841	rBV4	57174	65252	1.63%	0.147%
80	12.980	1849	1852	1857	rBV3	71178	84736	2.12%	0.192%
81	13.027	1857	1860	1867	rVB2	58780	74822	1.87%	0.169%
82	13.151	1879	1881	1886	rBV3	34351	54328	1.36%	0.123%
83	13.227	1889	1894	1901	rVV	553747	560076	13.98%	1.266%
84	13.321	1905	1910	1913	rVV5	84802	130881	3.27%	0.296%
85	13.351	1913	1915	1922	rVB5	60521	83145	2.08%	0.188%
86	13.439	1927	1930	1934	rVB	84246	87025	2.17%	0.197%
87	13.545	1945	1948	1950	rVB	63338	47952	1.20%	0.108%
88	13.645	1962	1965	1972	rVB	183854	204046	5.09%	0.461%
89	13.792	1985	1990	1993	rBV2	861831	1075577	26.85%	2.431%
90	13.821	1993	1995	1997	rVB	290854	225826	5.64%	0.510%
91	13.962	2016	2019	2022	rVB3	56644	64757	1.62%	0.146%
92	14.180	2054	2056	2059	rVB	72122	64148	1.60%	0.145%
93	14.656	2134	2137	2140	rBV3	47144	58435	1.46%	0.132%
94	14.804	2158	2162	2164	rBV	414529	513583	12.82%	1.161%
95	14.898	2176	2178	2182	rVB	64966	67184	1.68%	0.152%
96	15.080	2205	2209	2214	rVB	251804	293217	7.32%	0.663%
97	15.133	2215	2218	2223	rVB	266234	309787	7.73%	0.700%
98	15.192	2224	2228	2232	rBV	664505	852739	21.29%	1.927%
99	16.527	2450	2455	2460	rBV2	153708	264964	6.62%	0.599%
100	16.927	2518	2523	2533	rVB2	122078	245638	6.13%	0.555%

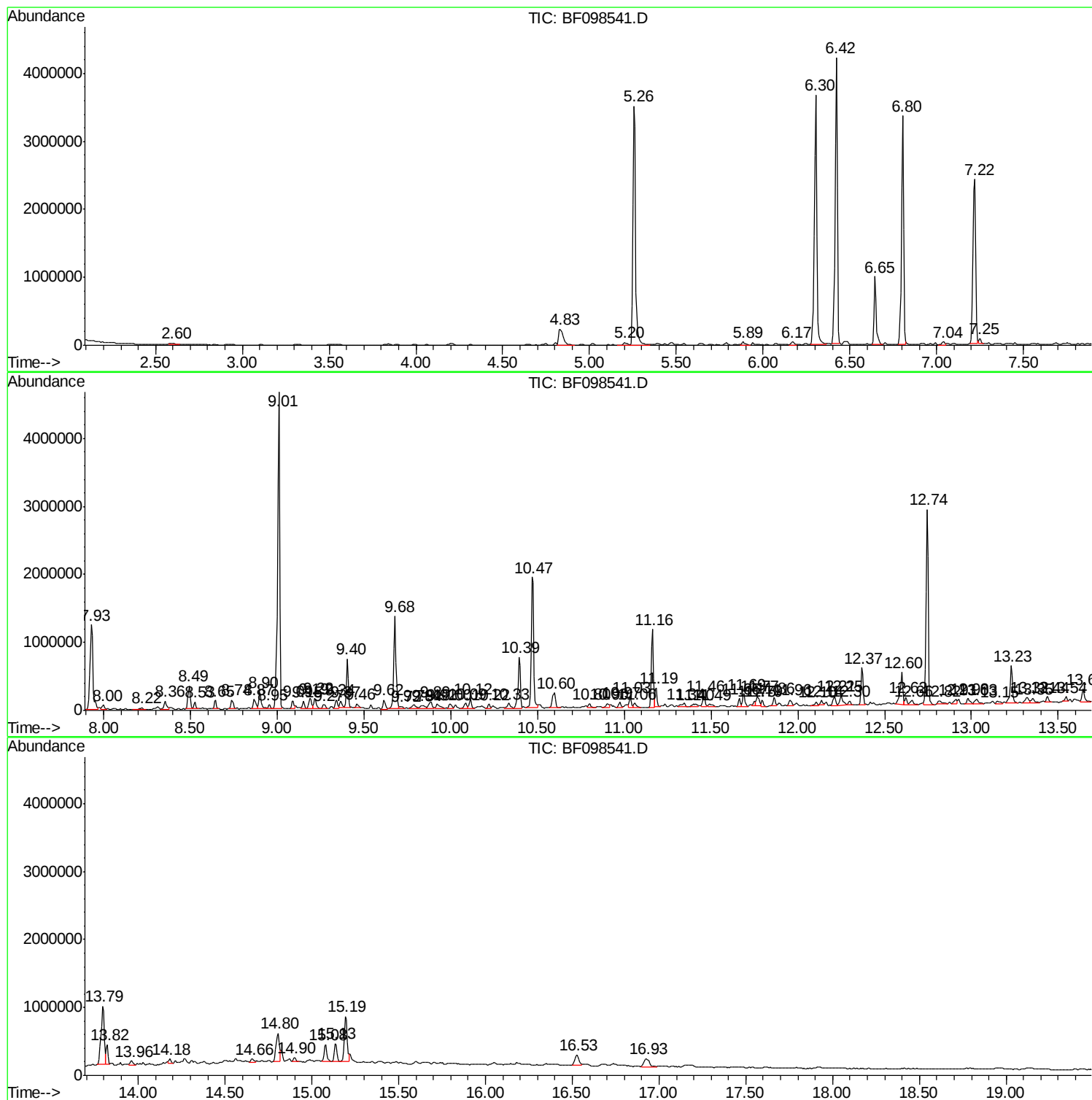
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
G-7-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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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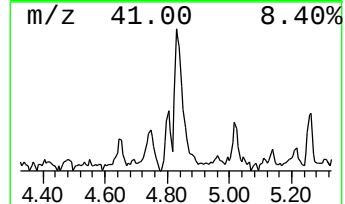
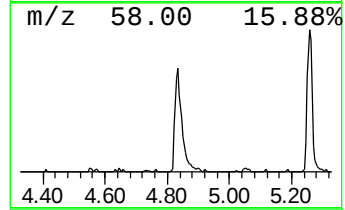
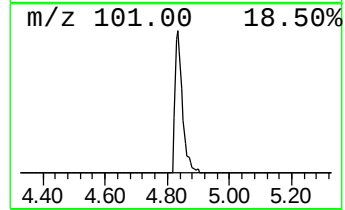
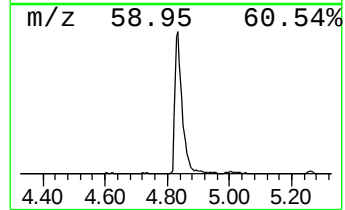
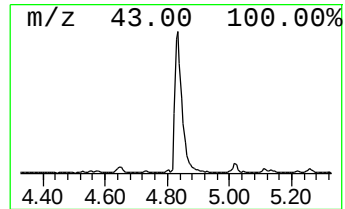
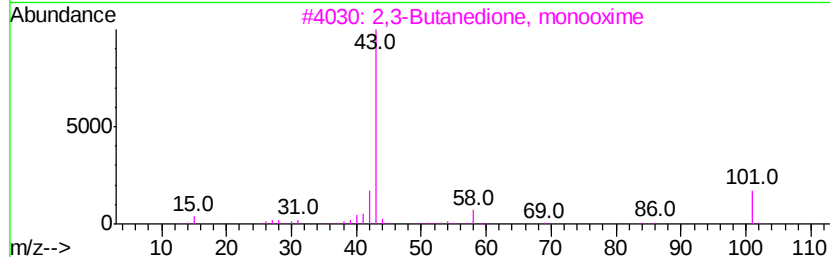
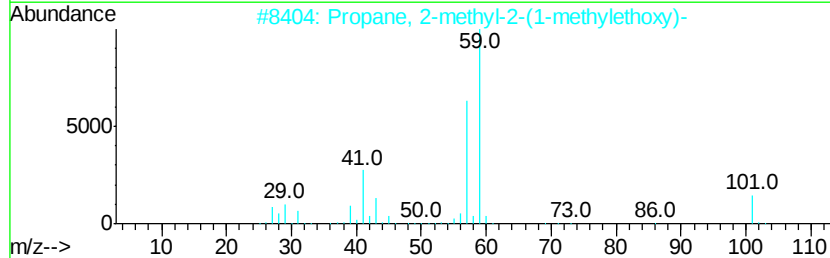
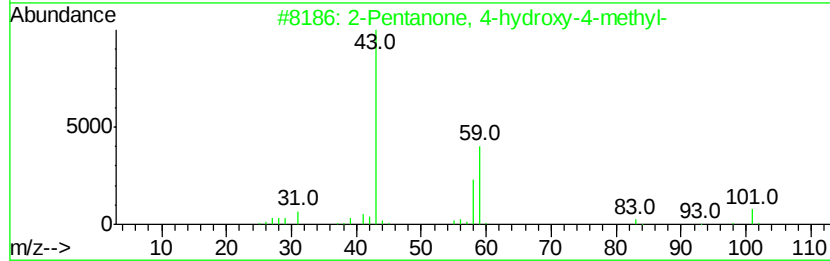
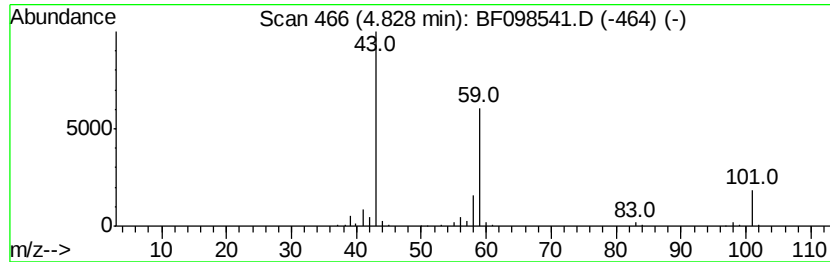
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.83	8.95 ng	390762	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Guanidine	59	CH5N3	000113-00-8	9



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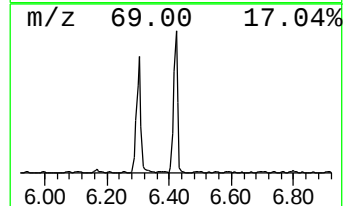
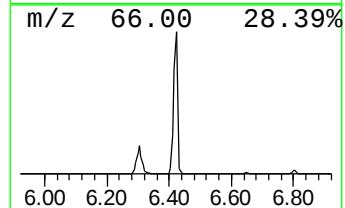
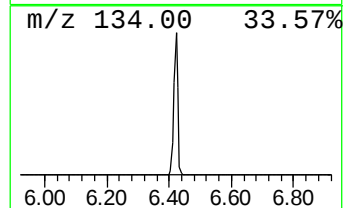
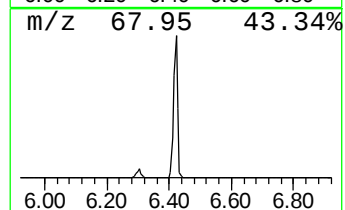
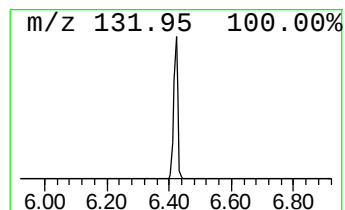
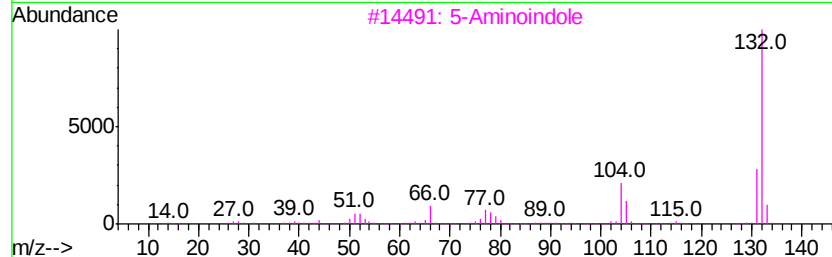
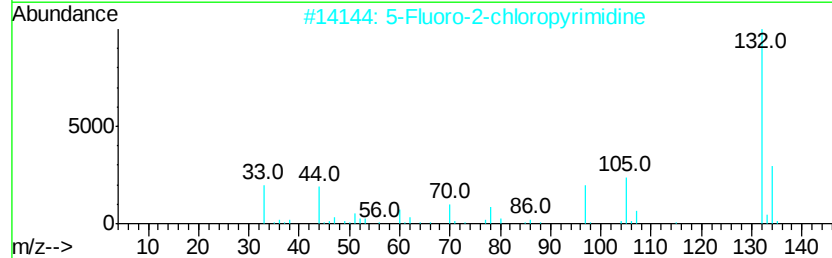
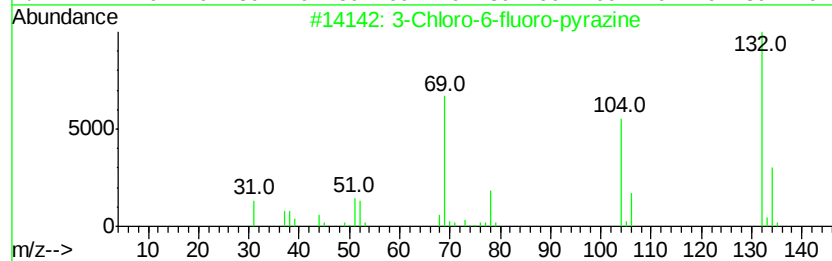
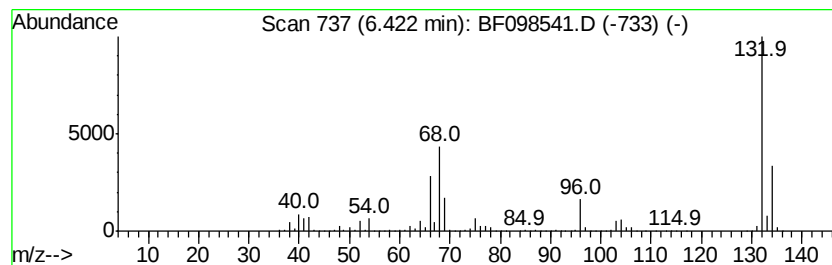
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	88.07 ng	3845500	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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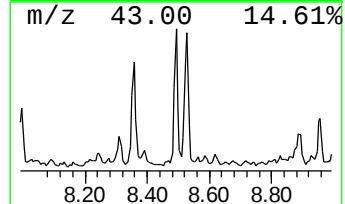
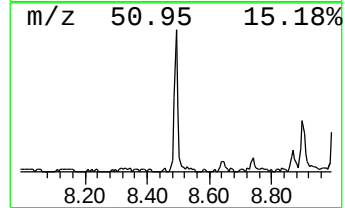
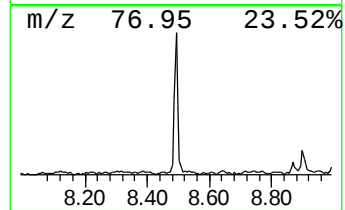
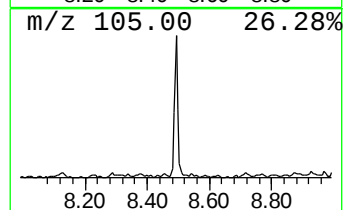
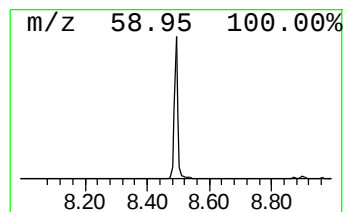
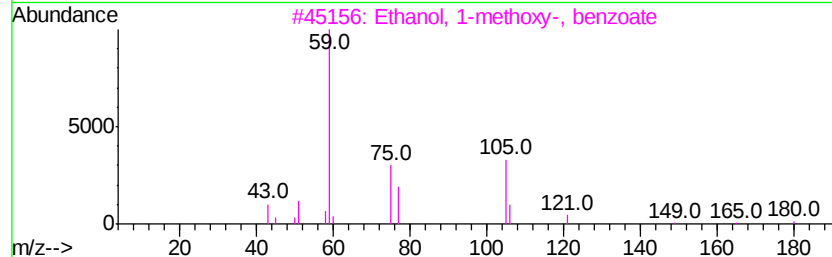
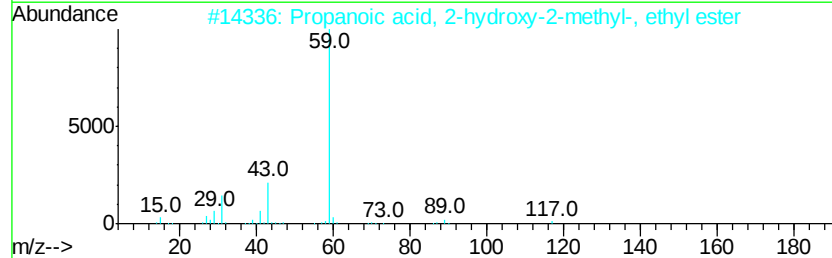
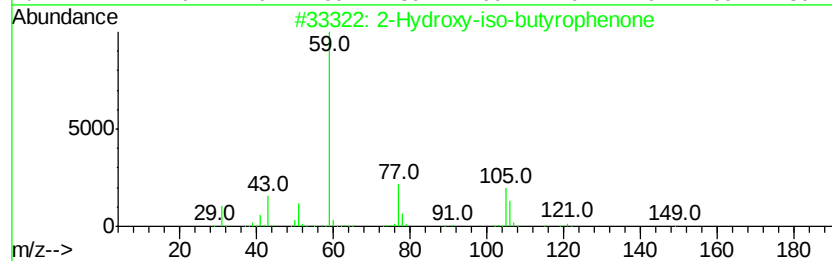
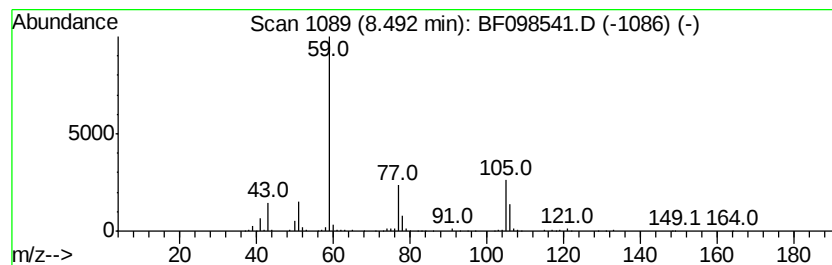
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	3.86 ng	248278	Napthalene-d8	7.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	50	
2	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9	
3	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9	
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	9	
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	9	



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Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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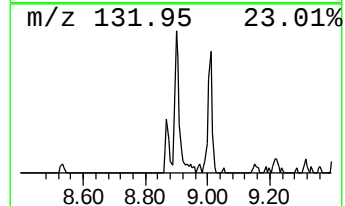
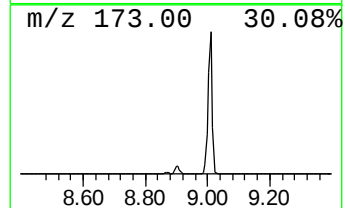
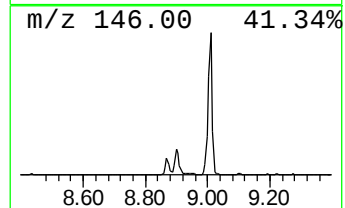
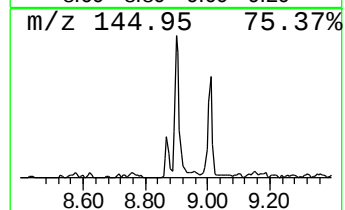
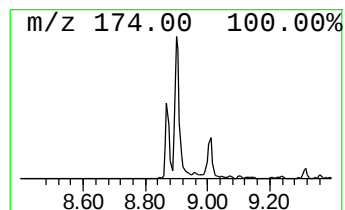
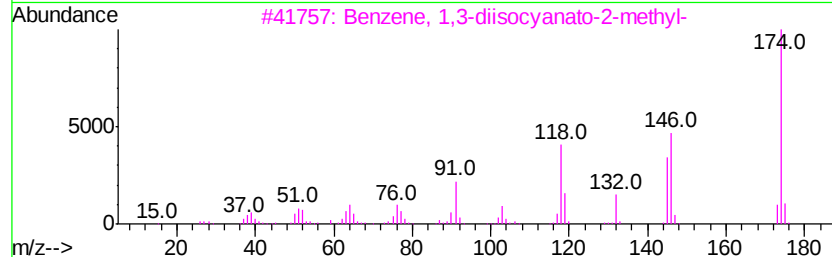
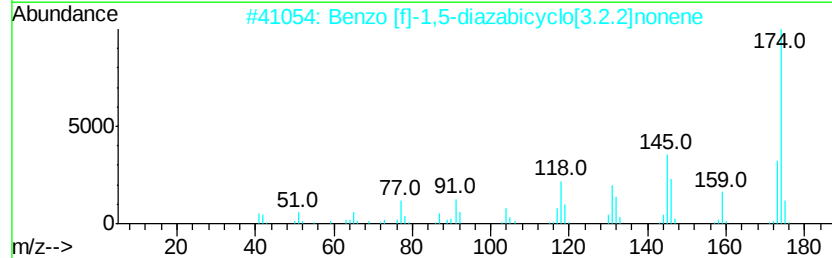
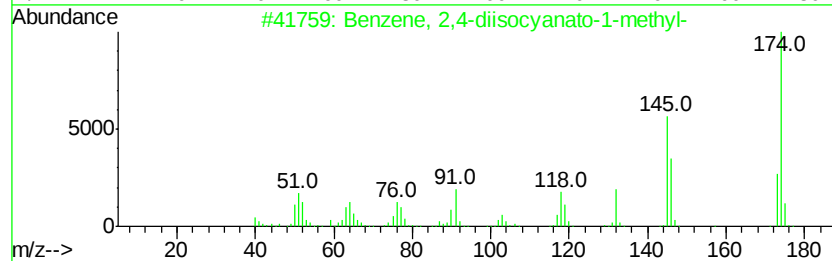
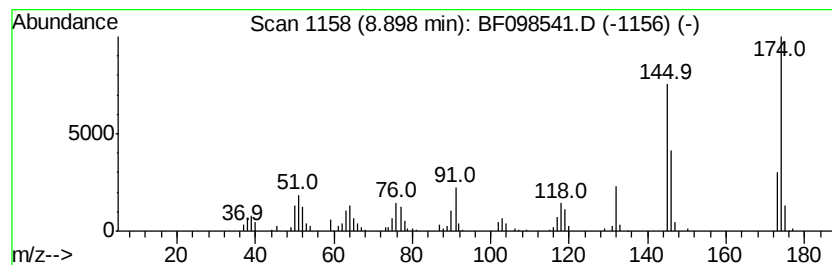
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2,4-diisocyanato-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	3.80 ng	230033	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	96
2		Benzo [f]-1,5-diazabicyclo[3.2.2]nonene	174	C11H14N2	007092-76-4	64
3		Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	58
4		3-Ethyl-1,2-dihydro-2-oxoquinoxaline	174	C10H10N2O	013297-35-3	53
5		Benzenamine, 2-methyl-5-(4H-1,2,4-triazol-3-yl)-	174	C9H10N4	1000362-62-2	43



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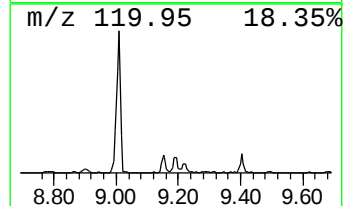
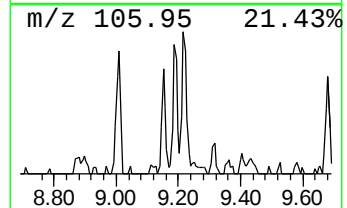
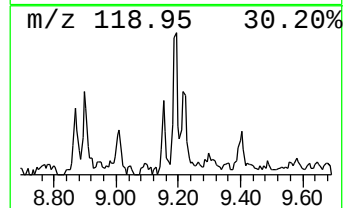
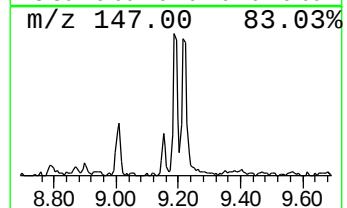
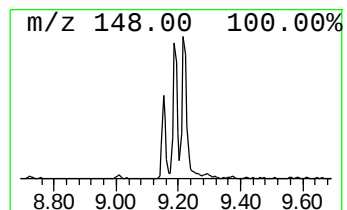
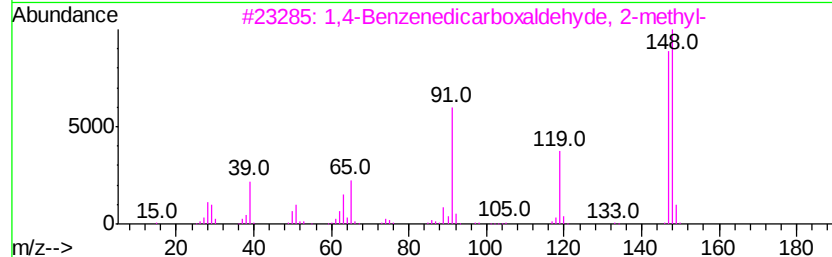
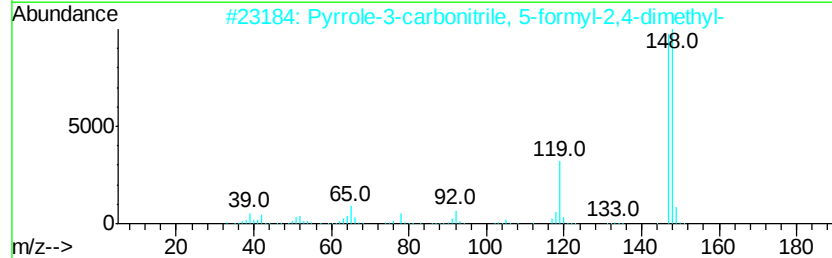
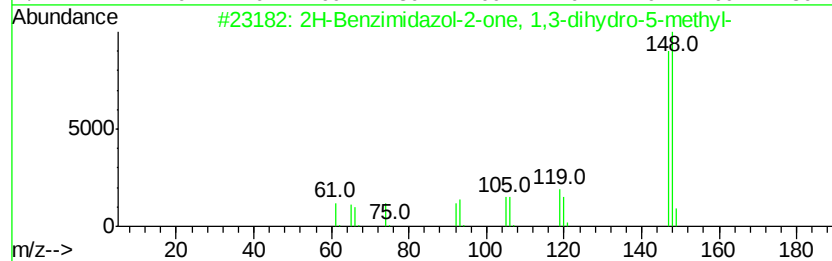
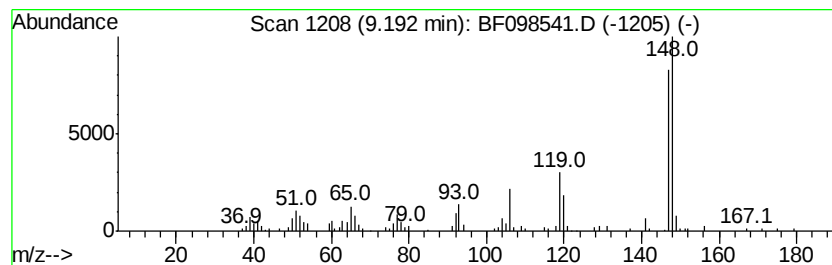
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2H-Benzimidazol-2-one, 1,3-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.19	2.45 ng	148383	Acenaphthene-d10	9.68		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2H-Benzimidazol-2-one, 1,3-dihyd...	148	C8H8N2O	005400-75-9	90
2		Pyrrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	64
3		1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	53
4		Pyrrrole-2-carbonitrile, 5-formyl...	148	C8H8N2O	026187-38-2	47
5		Indole-2-one, 2,3-dihydro-6-amino-	148	C8H8N2O	150544-04-0	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Instrument :
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ClientSampleId :
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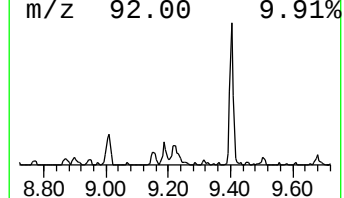
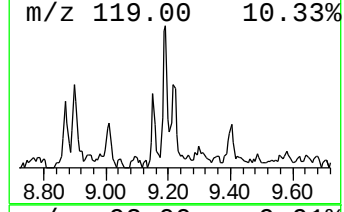
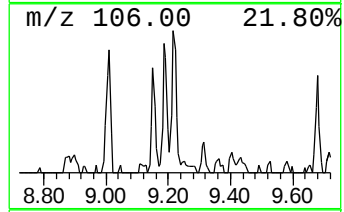
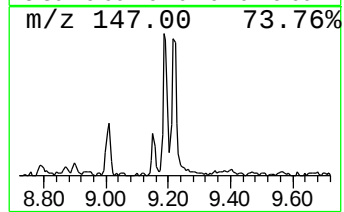
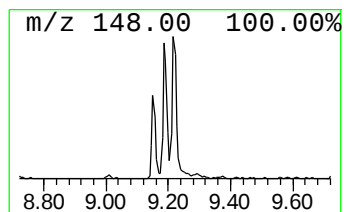
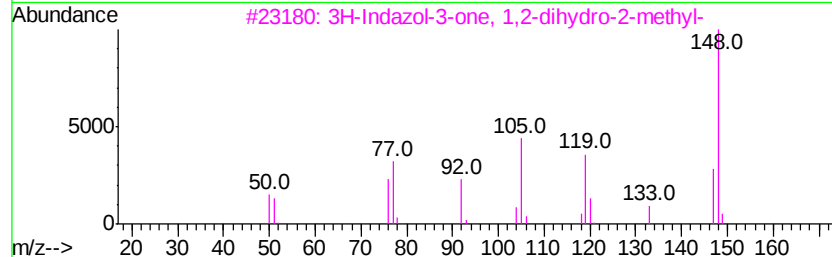
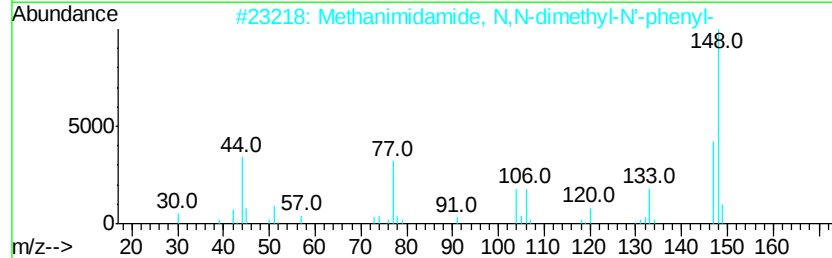
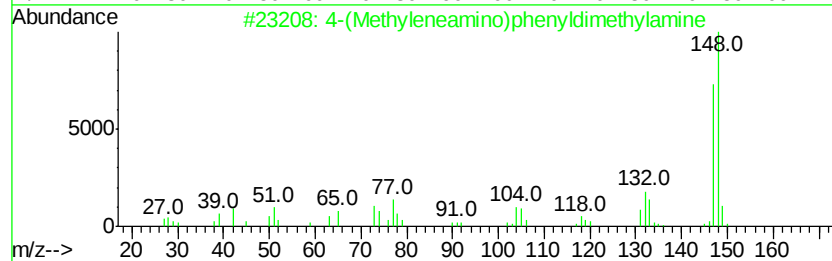
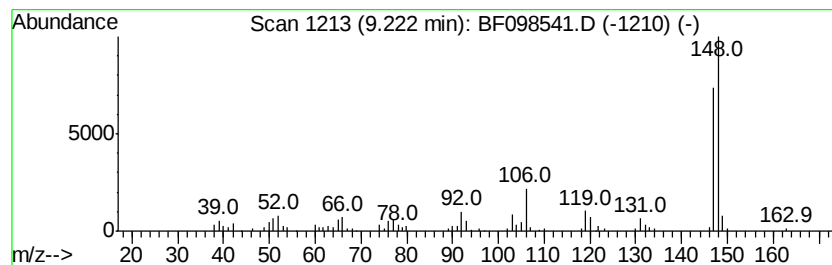
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4-(Methyleneamino)phenyldim... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.65 ng	160687	Acenaphthene-d10	9.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-(Methyleneamino)phenyldimethyl...	148	C9H12N2	147354-14-1	53
2			Methanimidamide, N,N-dimethyl-N'...	148	C9H12N2	001783-25-1	53
3			3H-Indazol-3-one, 1,2-dihydro-2-...	148	C8H8N2O	001848-40-4	50
4			7-Hydroxy-1-indanone	148	C9H8O2	006968-35-0	50
5			3H-Indazol-3-one, 1,2-dihydro-1-...	148	C8H8N2O	001006-19-5	49



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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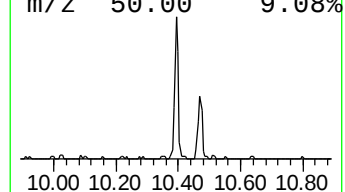
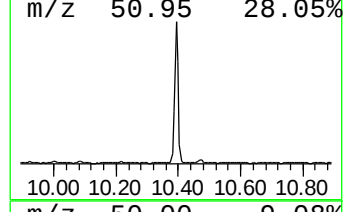
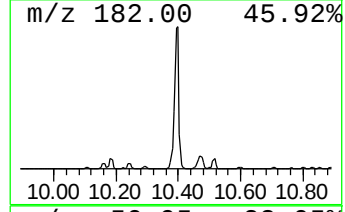
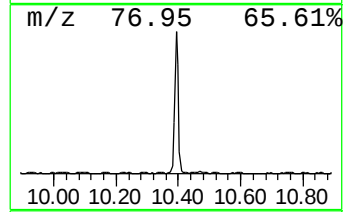
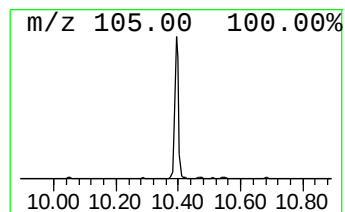
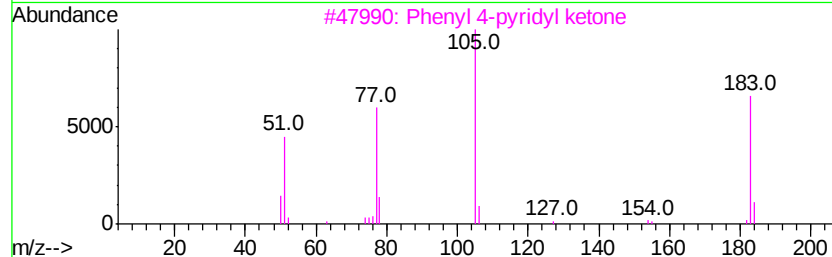
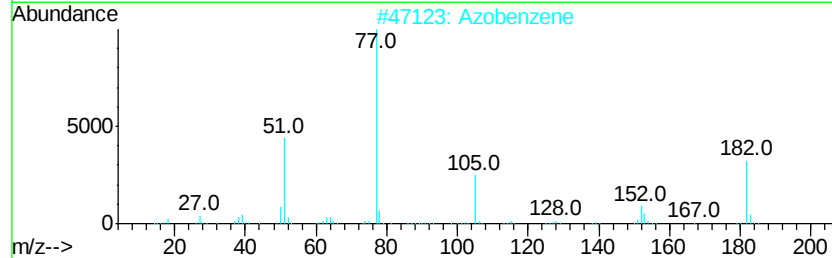
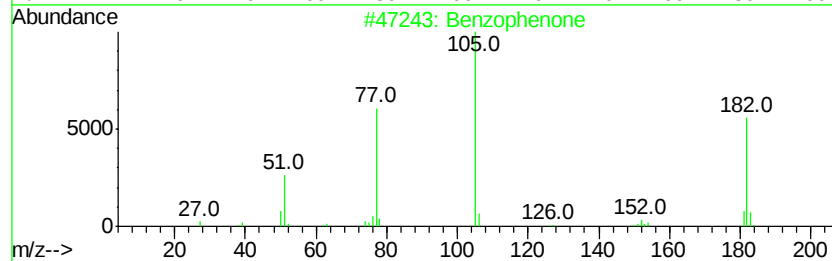
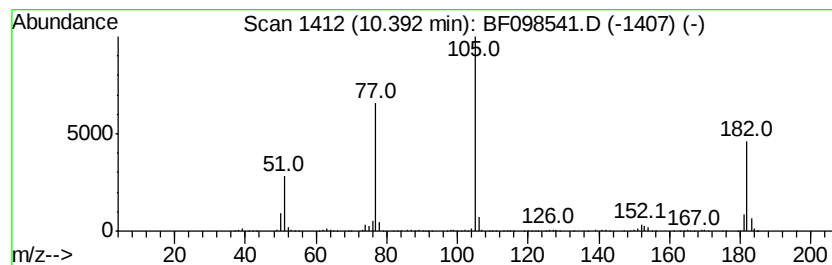
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.39	11.45 ng	693672	Acenaphthene-d10		9.68		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Phenvl 4-pvridvl ketone	183	C12H9NO	014548-46-0	52
4			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5			1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47



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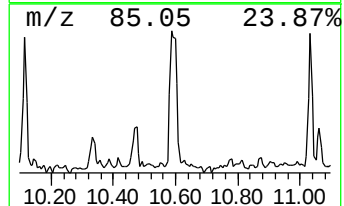
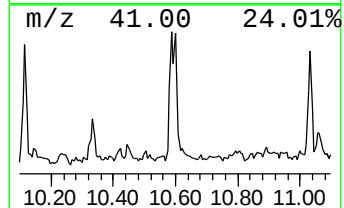
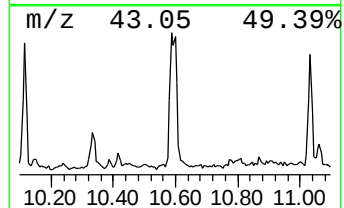
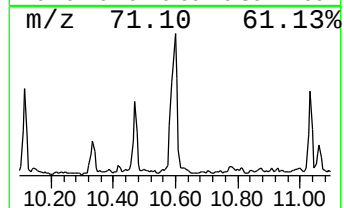
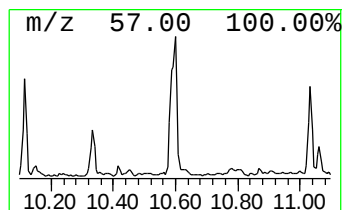
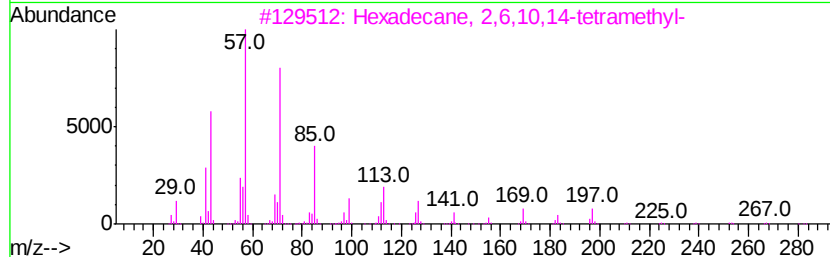
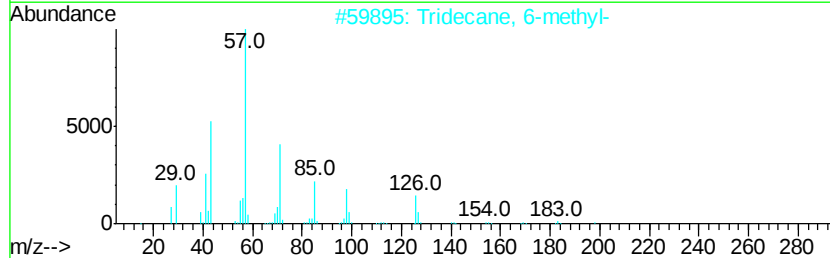
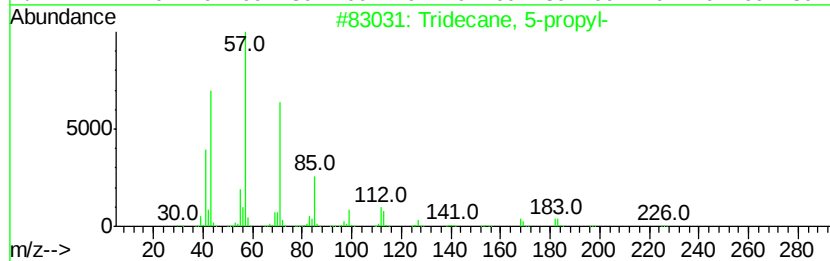
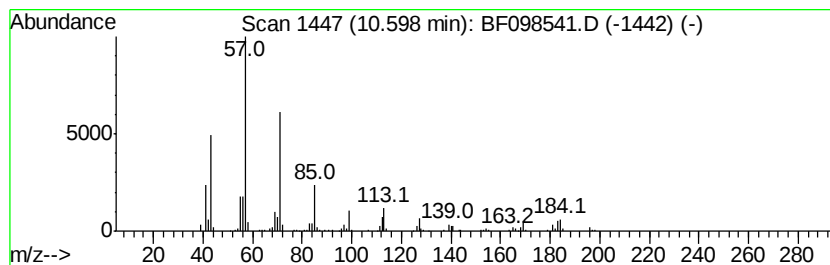
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	6.27 ng	316115	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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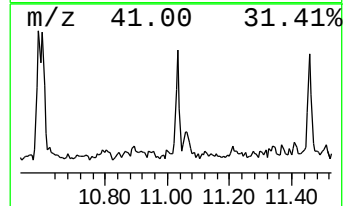
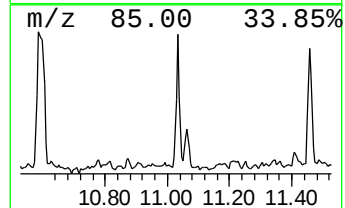
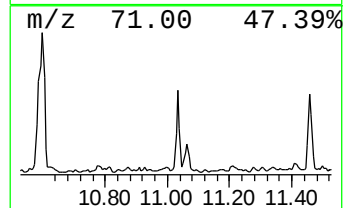
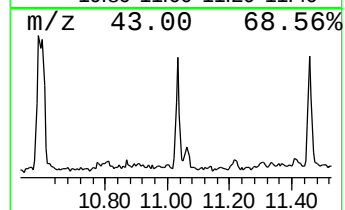
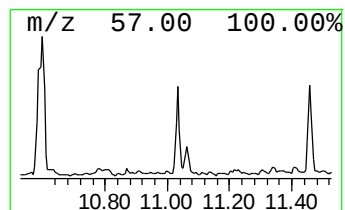
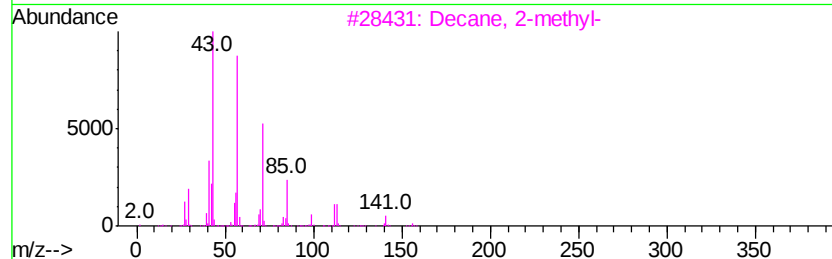
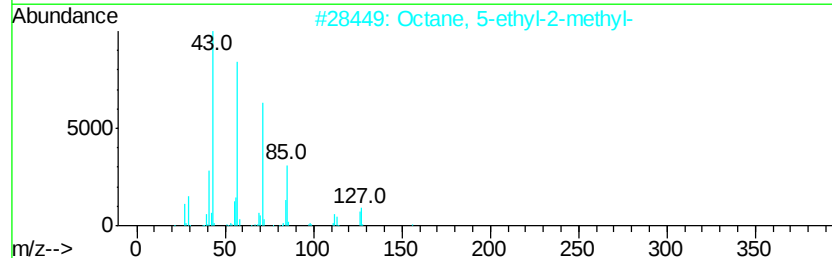
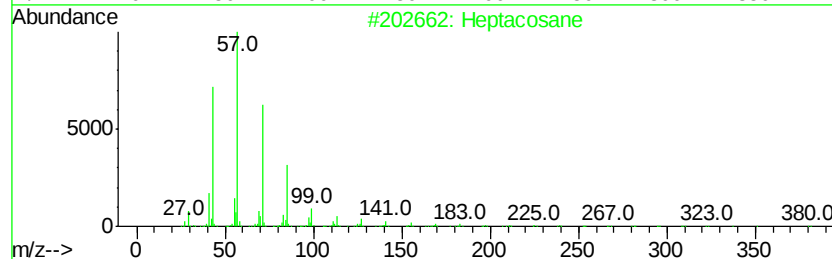
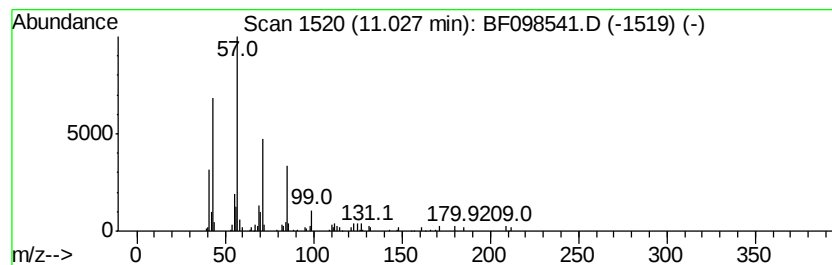
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.76 ng	139428	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Decane, 1-iodo-	268	C10H21I	002050-77-3	59
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59



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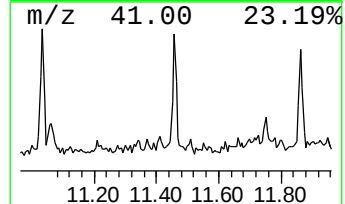
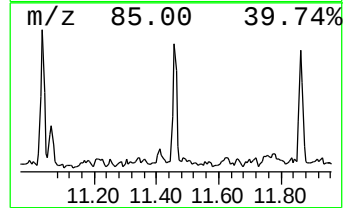
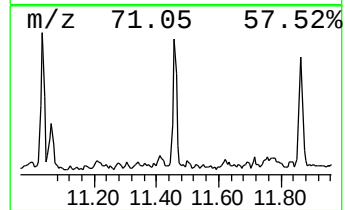
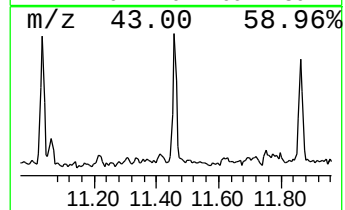
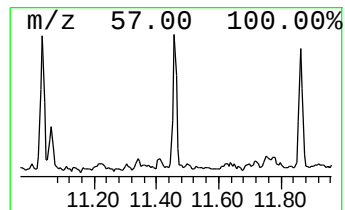
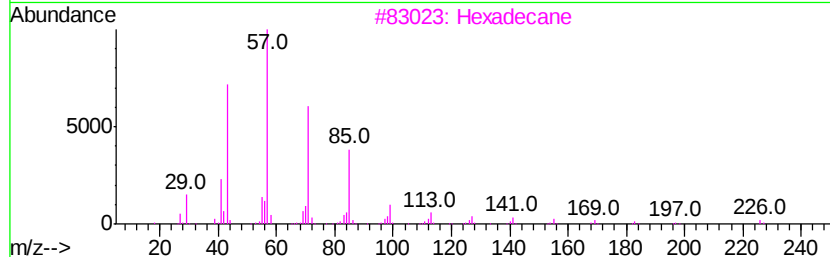
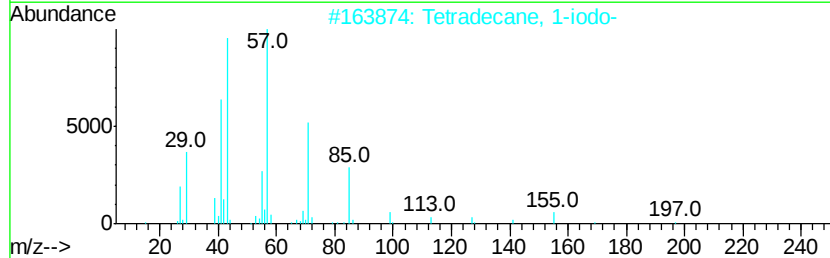
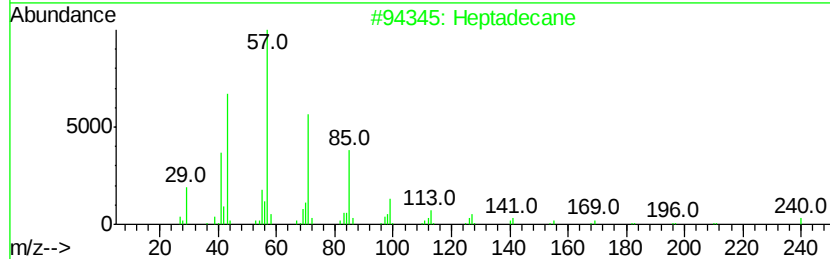
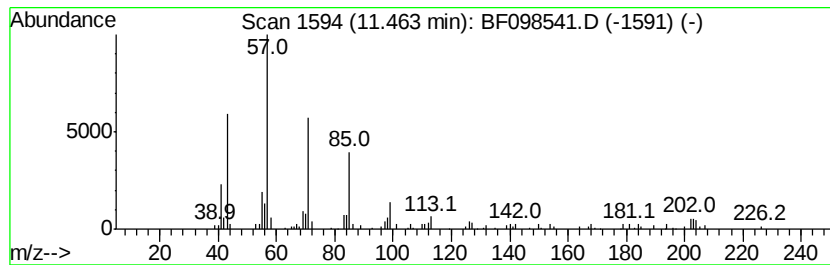
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	2.61 ng	131823	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	72
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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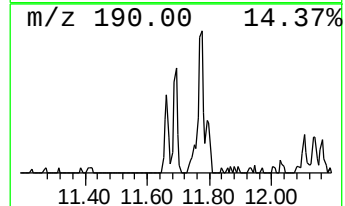
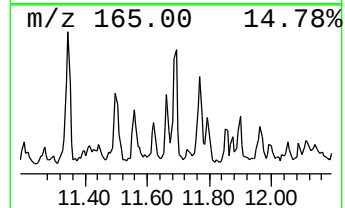
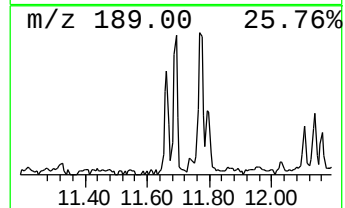
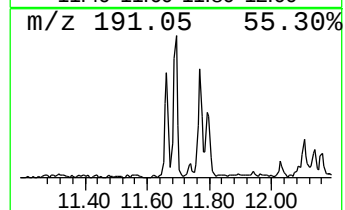
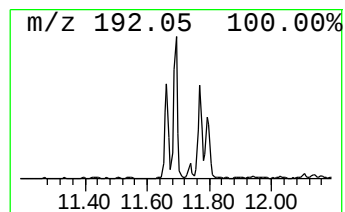
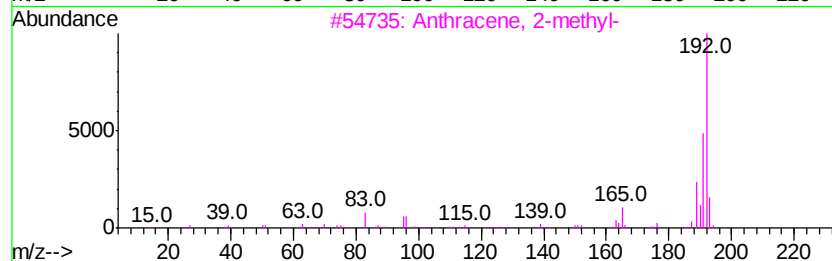
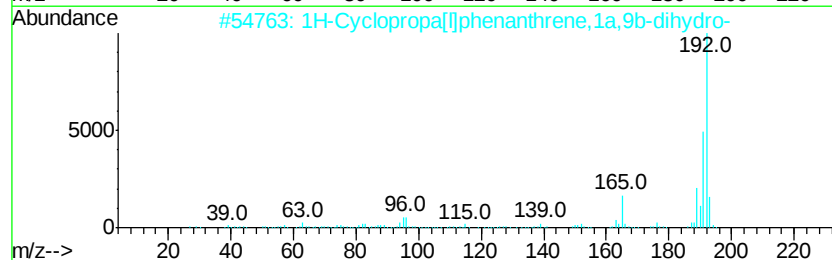
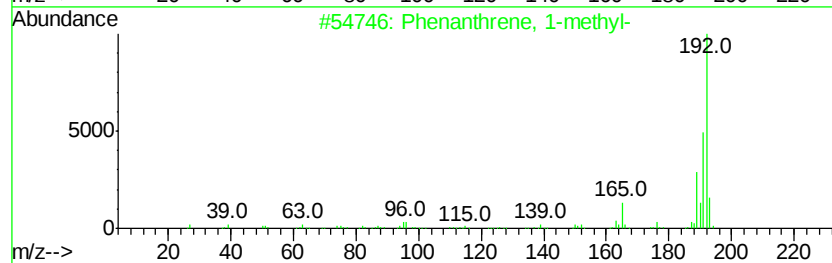
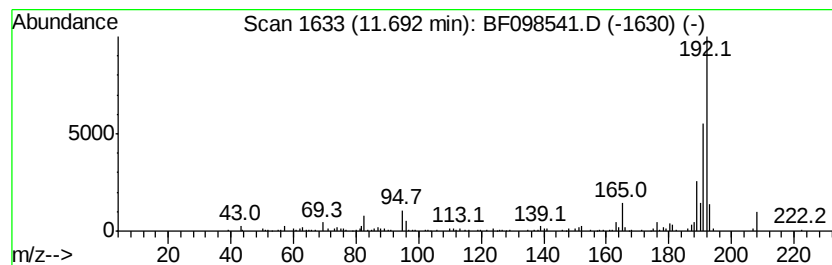
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.41 ng	171906	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
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Misc :
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Instrument :
BNA_F
ClientSampleId :
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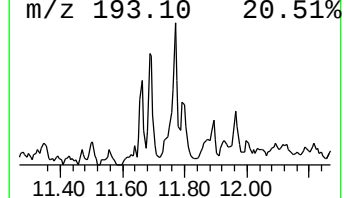
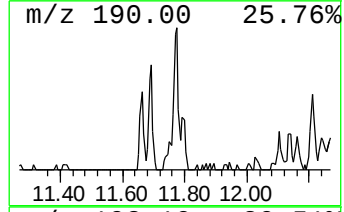
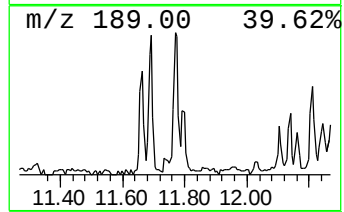
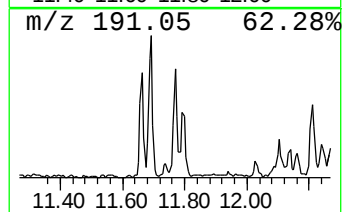
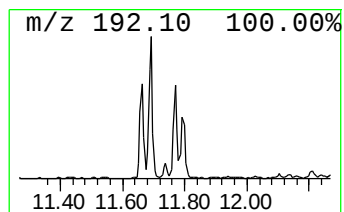
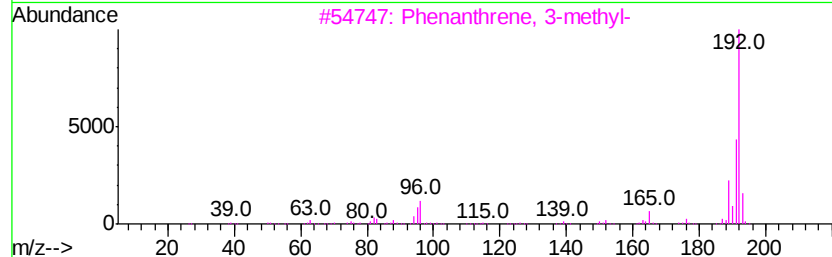
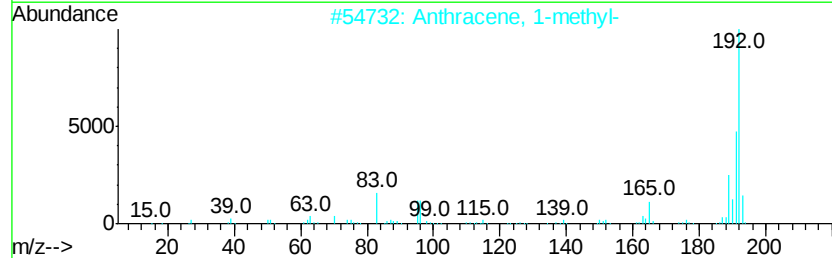
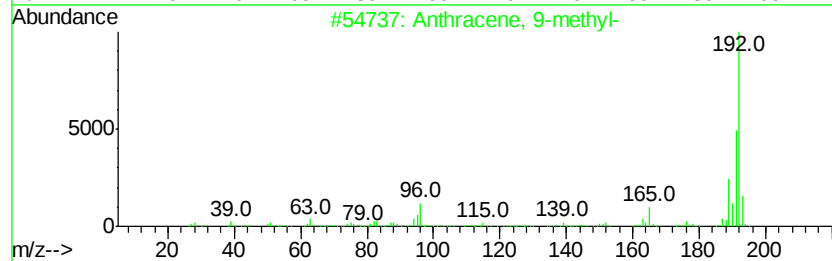
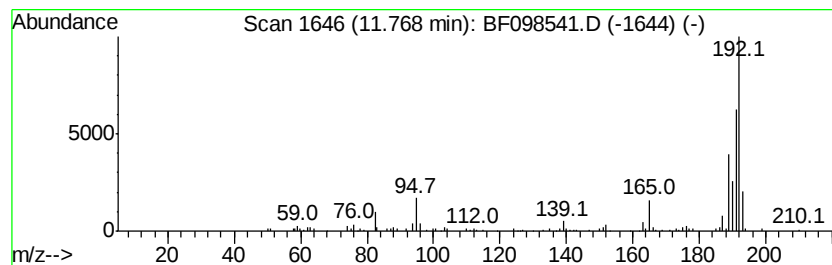
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.74 ng	138218	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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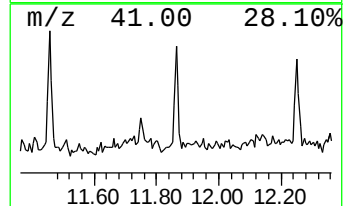
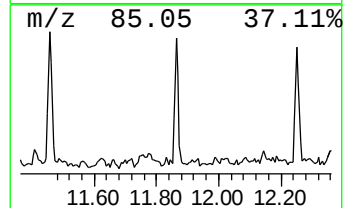
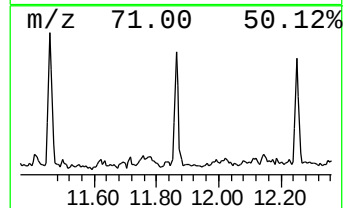
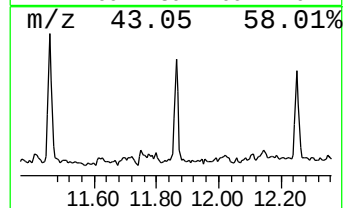
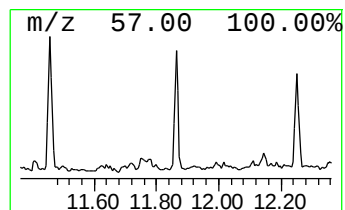
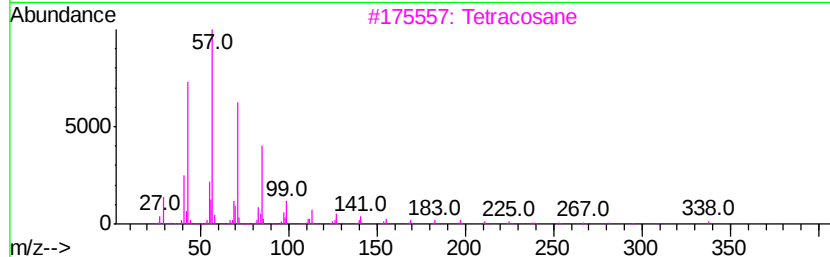
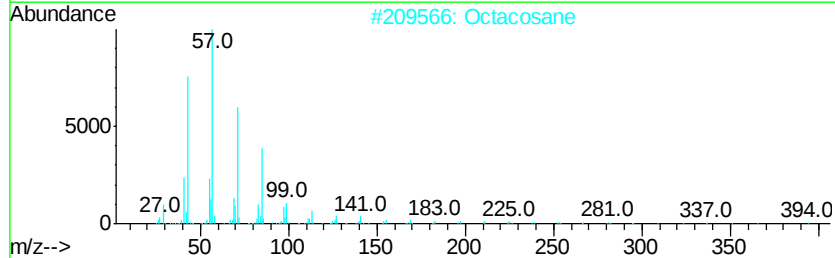
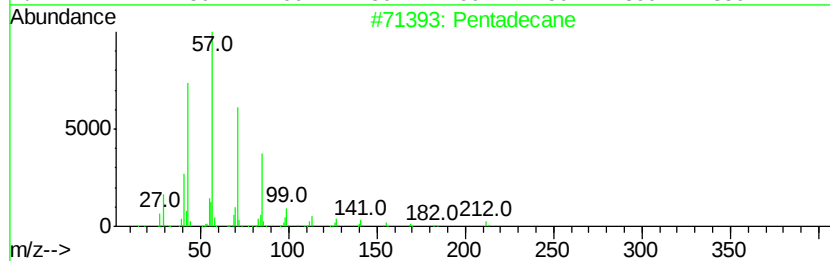
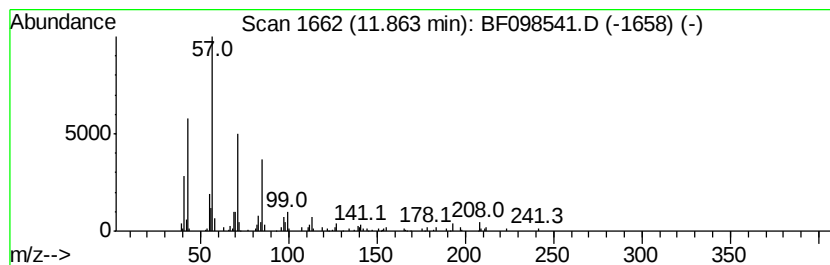
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.33 ng	117753	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Octacosane	394	C28H58	000630-02-4	87
3			Tetracosane	338	C24H50	000646-31-1	87
4			Eicosane	282	C20H42	000112-95-8	83
5			Heneicosane	296	C21H44	000629-94-7	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
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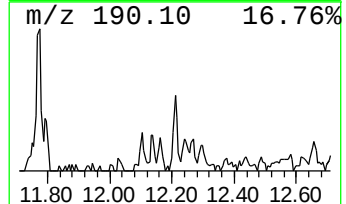
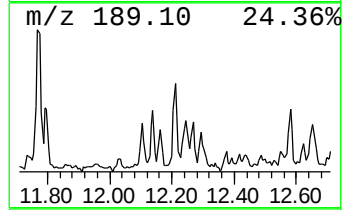
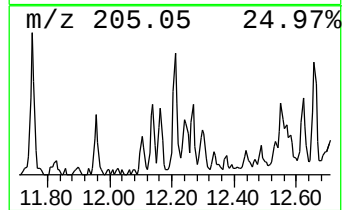
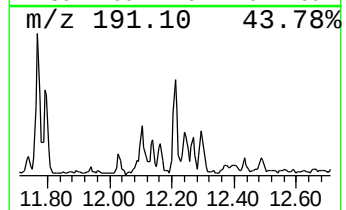
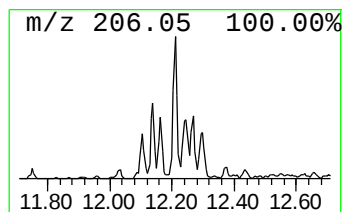
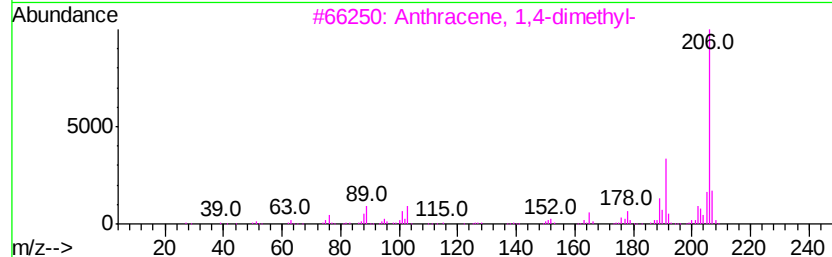
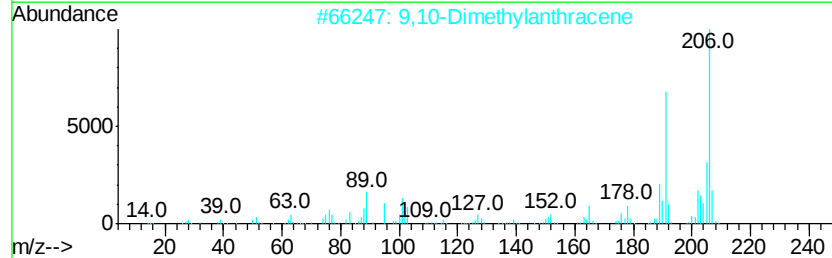
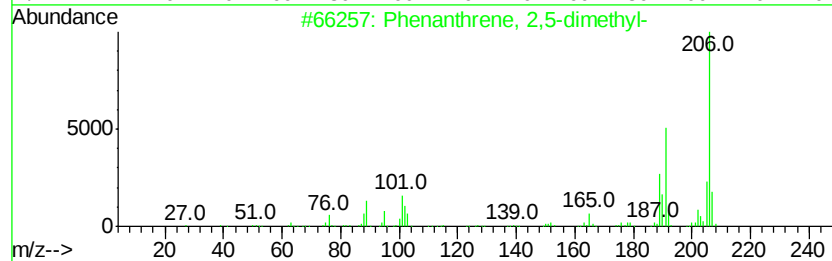
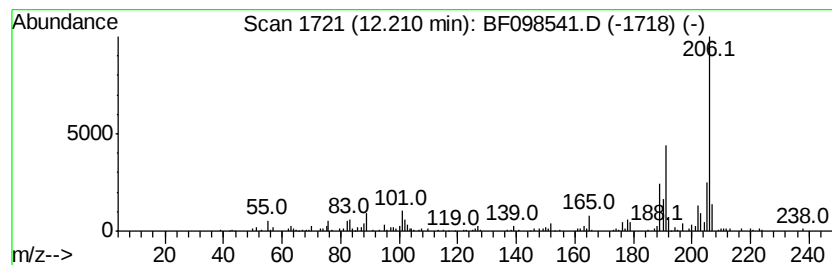
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.49 ng	125421	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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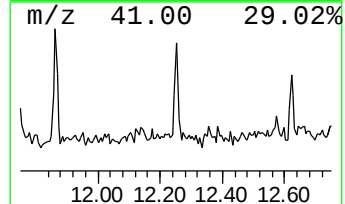
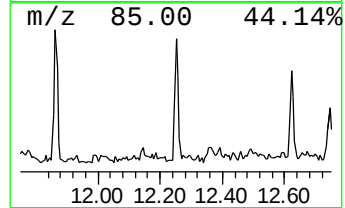
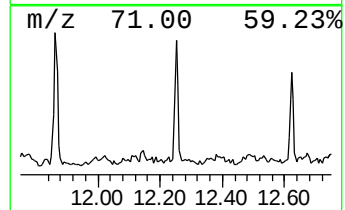
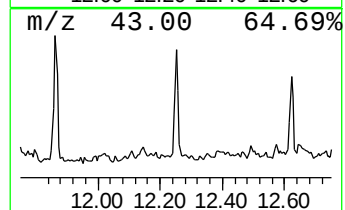
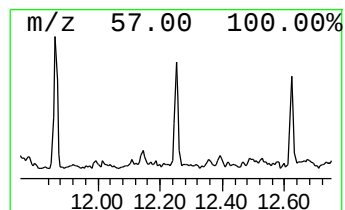
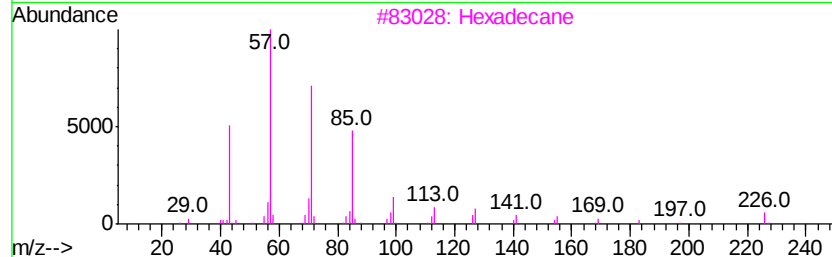
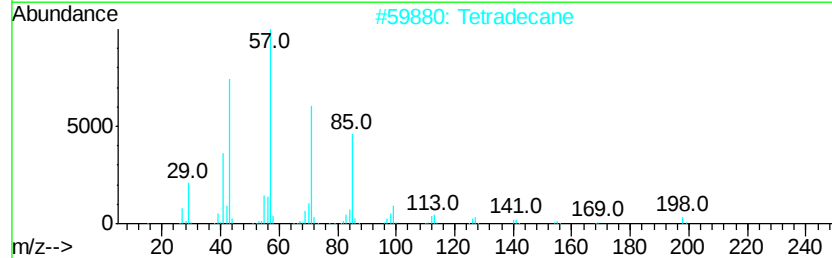
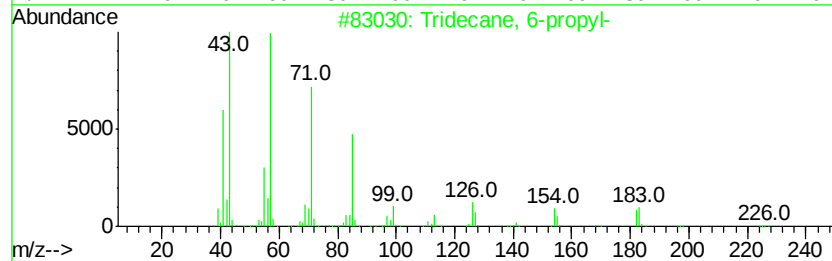
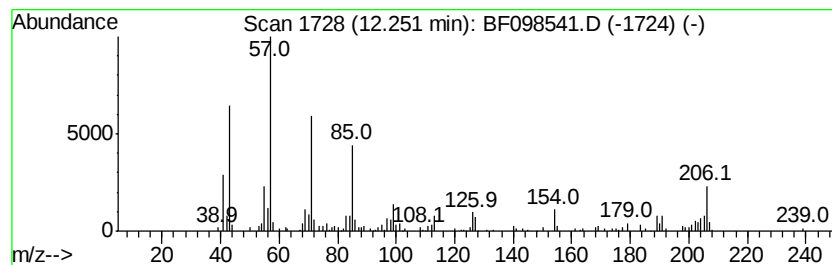
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 16 Tridecane, 6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.25	3.66 ng	184416	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
2	Tetradecane	198	C14H30	000629-59-4	64
3	Hexadecane	226	C16H34	000544-76-3	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Octadecane	254	C18H38	000593-45-3	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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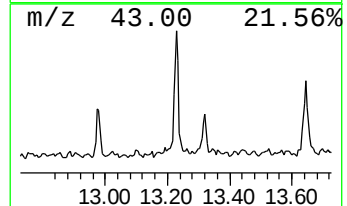
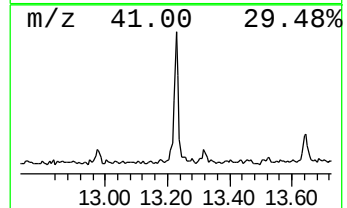
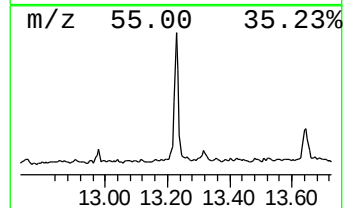
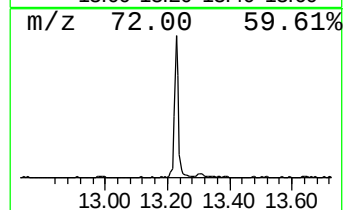
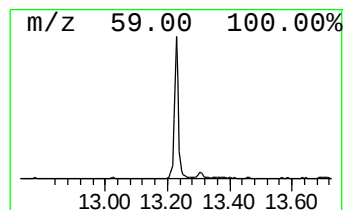
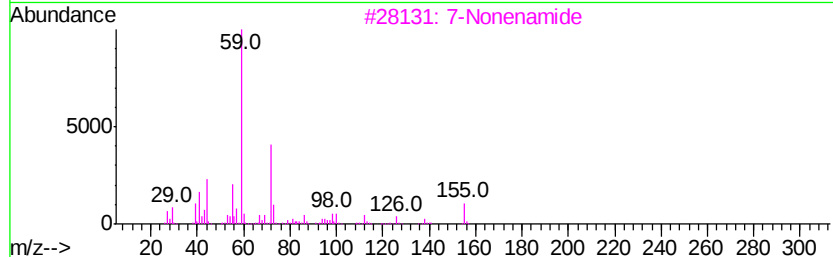
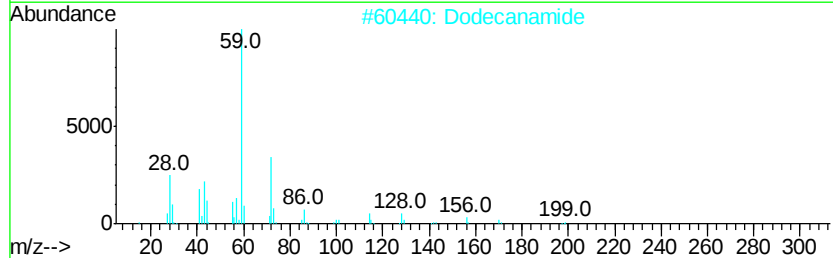
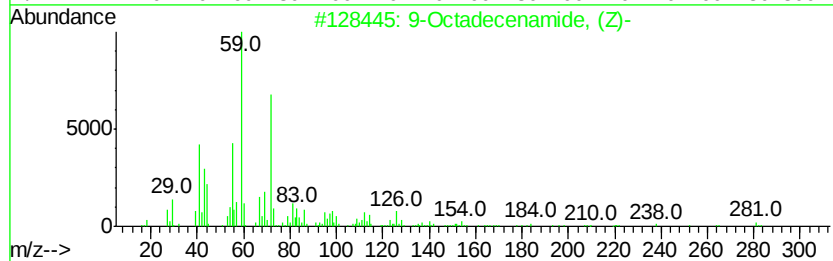
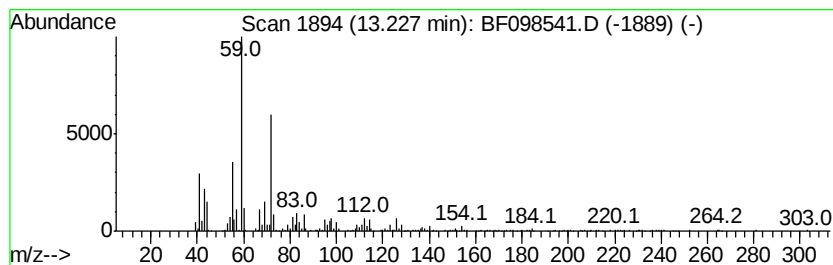
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	10.41 ng	560076	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2		Dodecanamide	199	C12H25NO	001120-16-7	76
3		7-Nonenamide	155	C9H17NO	090949-53-4	56
4		Nonanamide	157	C9H19NO	001120-07-6	53
5		Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

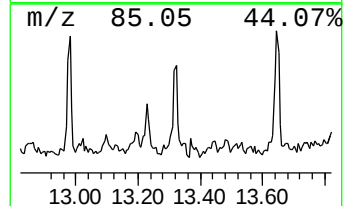
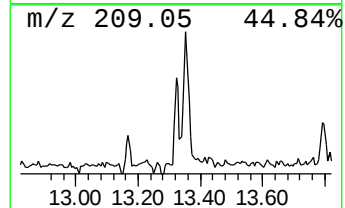
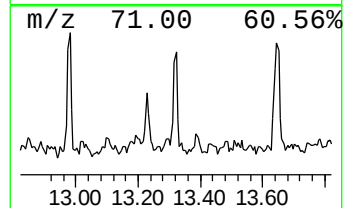
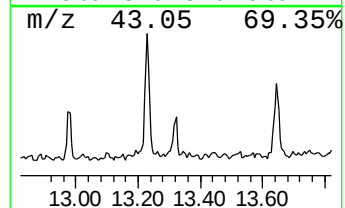
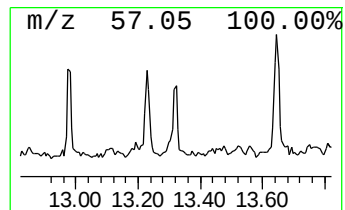
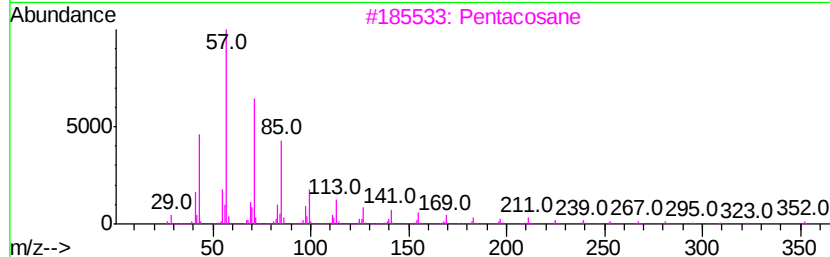
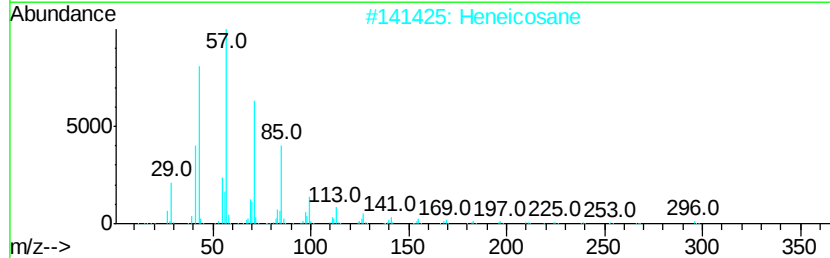
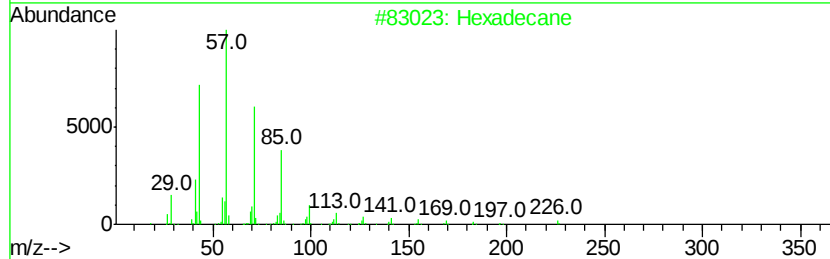
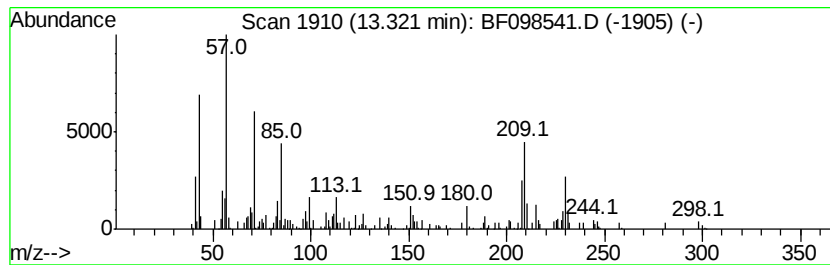
Instrument :
BNA_F
ClientSampleId :
G-7-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.32	2.43 ng	130881	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	38
2	Heneicosane	296	C21H44	000629-94-7	30
3	Pentacosane	352	C25H52	000629-99-2	30
4	Octacosane	394	C28H58	000630-02-4	30
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-2

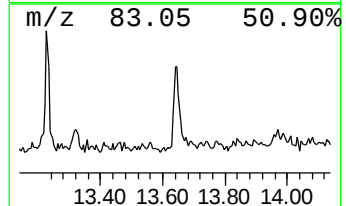
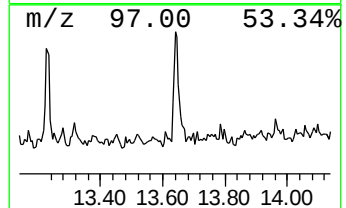
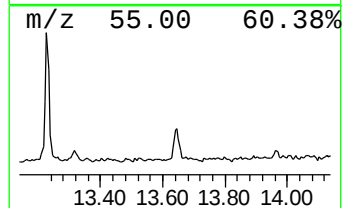
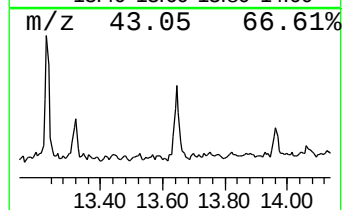
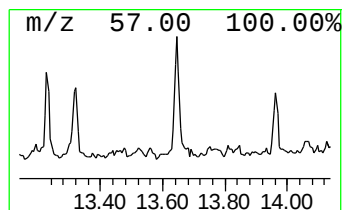
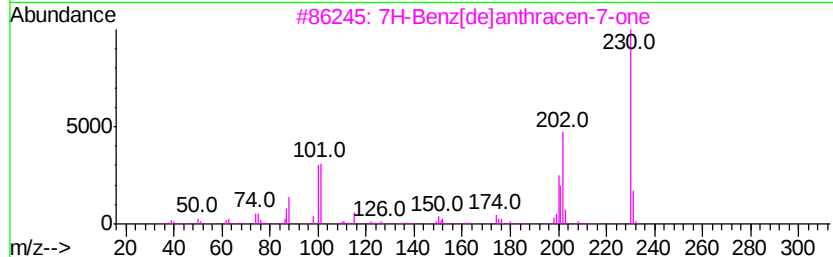
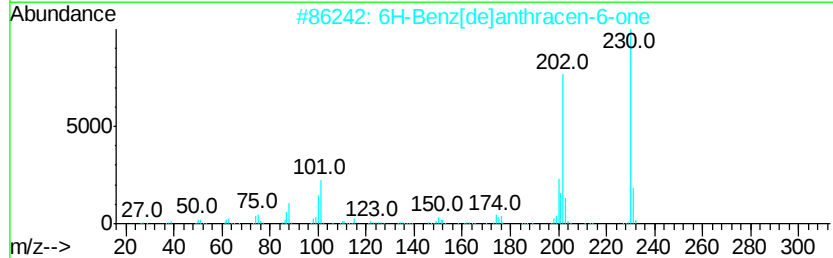
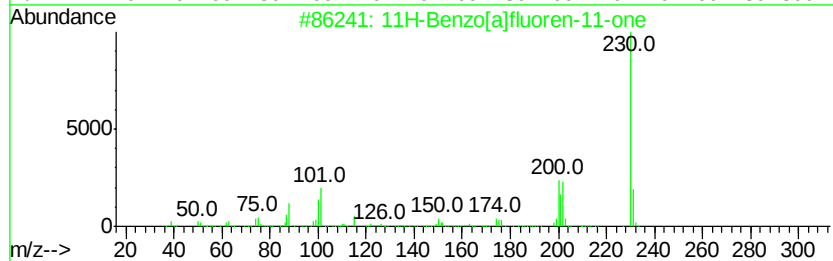
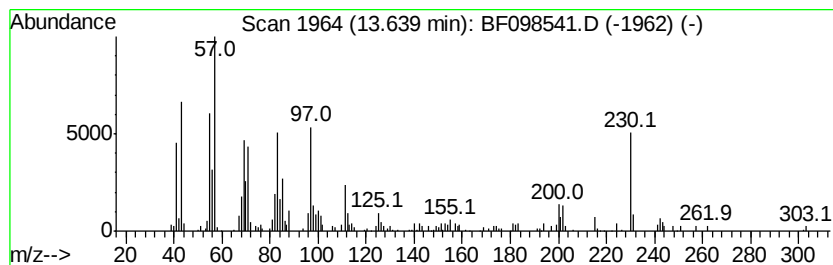
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	3.79 ng	204046	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	55
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53
4		1,1'-Biphenyl, 5-hydroxy-3,4'-di...	230	C14H14O3	119101-26-7	38
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	30



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098541.D
Acq On : 14 Sep 2017 21:24
Operator : SJ/JU
Sample : I5160-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G-7-2

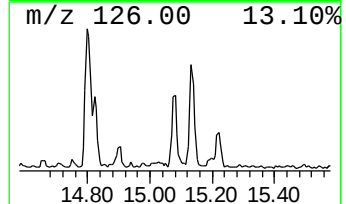
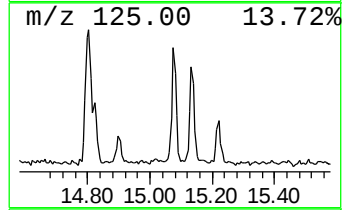
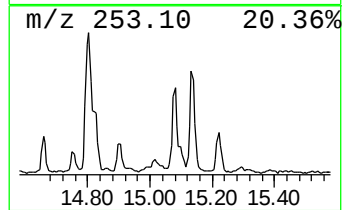
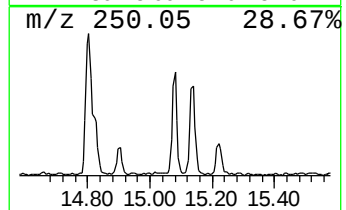
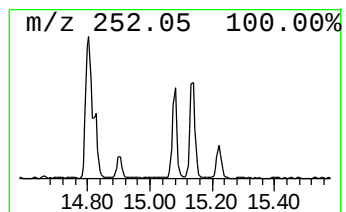
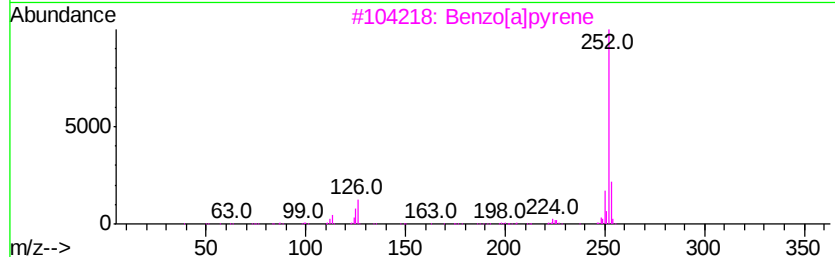
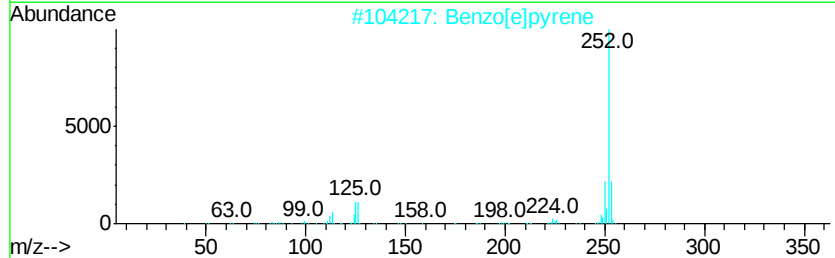
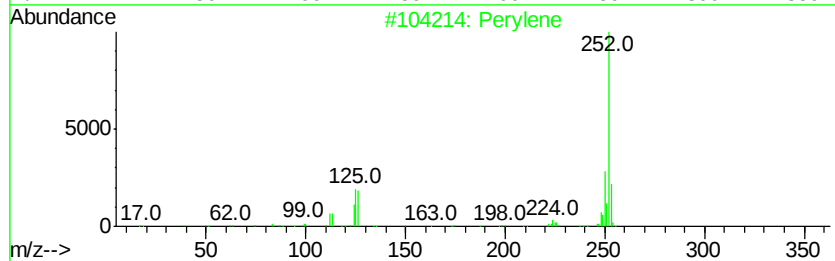
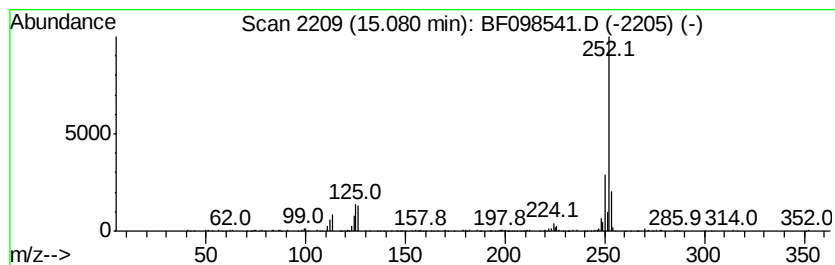
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	6.88 ng	293217	Perylene-d12	15.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	99
2	Benzo[e]pyrene		252	C20H12	000192-97-2	99
3	Benzo[a]pyrene		252	C20H12	000050-32-8	97
4	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	94
5	Benzo[k]fluoranthene		252	C20H12	000207-08-9	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098541.D
 Acq On : 14 Sep 2017 21:24
 Operator : SJ/JU
 Sample : I5160-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-7-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
2-Pentanone, 4-hy...	4.83	8.9 ng		390762	1	6.65	873316	20.0
unknown6.42	6.42	88.1 ng		3845500	1	6.65	873316	20.0
2-Hydroxy-iso-but...	8.49	3.9 ng		248278	2	7.93	1286400	20.0
Benzene, 2,4-diis...	8.90	3.8 ng		230033	3	9.68	1211670	20.0
2H-Benzimidazol-2...	9.19	2.5 ng		148383	3	9.68	1211670	20.0
4-(Methyleneamino...	9.22	2.6 ng		160687	3	9.68	1211670	20.0
Benzophenone	10.39	11.4 ng		693672	3	9.68	1211670	20.0
Tridecane, 5-propyl-	10.60	6.3 ng		316115	4	11.16	1008810	20.0
Heptacosane	11.03	2.8 ng		139428	4	11.16	1008810	20.0
Heptadecane	11.46	2.6 ng		131823	4	11.16	1008810	20.0
Phenanthrene, 1-m...	11.69	3.4 ng		171906	4	11.16	1008810	20.0
Anthracene, 9-met...	11.77	2.7 ng		138218	4	11.16	1008810	20.0
Pentadecane	11.86	2.3 ng		117753	4	11.16	1008810	20.0
Phenanthrene, 2,5...	12.21	2.5 ng		125421	4	11.16	1008810	20.0
Tridecane, 6-propyl-	12.25	3.7 ng		184416	4	11.16	1008810	20.0
9-Octadecenamide,...	13.23	10.4 ng		560076	5	13.79	1075580	20.0
Hexadecane	13.32	2.4 ng		130881	5	13.79	1075580	20.0
11H-Benzo[a]fluor...	13.64	3.8 ng		204046	5	13.79	1075580	20.0
Perylene	15.08	6.9 ng		293217	6	15.19	852739	20.0