

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
 Data File : BF098780.D
 Acq On : 25 Sep 2017 13:45
 Operator : SJ/JU
 Sample : I5362-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2-C-COMP

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-BF092317.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	5.139	515	519	527	rBV	453629	547689	11.10%	0.692%
2	5.534	579	586	589	rBV	3133605	2985355	60.51%	3.773%
3	6.539	751	757	760	rBV	2967129	3025011	61.31%	3.823%
4	6.686	777	782	785	rBV	3118357	3069278	62.21%	3.879%
5	6.916	817	821	824	rBV	1188889	940887	19.07%	1.189%
6	7.075	843	848	850	rBV	2448027	2325942	47.14%	2.940%
7	7.475	905	916	919	rBV	1995663	1930152	39.12%	2.439%
8	8.198	1035	1039	1041	rBV	1469475	1285409	26.05%	1.625%
9	8.216	1041	1042	1045	rVB	847058	622014	12.61%	0.786%
10	8.910	1156	1160	1163	rVB	778018	617969	12.52%	0.781%
11	9.010	1172	1177	1180	rVB	491021	428791	8.69%	0.542%
12	9.269	1216	1221	1225	rVB	3285466	3176842	64.39%	4.015%
13	9.369	1236	1238	1241	rVB	241606	192514	3.90%	0.243%
14	9.469	1252	1255	1260	rVB	119122	123269	2.50%	0.156%
15	9.539	1260	1267	1270	rBV	250036	336165	6.81%	0.425%
16	9.610	1275	1279	1281	rVV	355136	354940	7.19%	0.449%
17	9.633	1281	1283	1285	rVV	239567	187301	3.80%	0.237%
18	9.663	1285	1288	1291	rVB	416873	355591	7.21%	0.449%
19	9.727	1296	1299	1301	rBV	164364	142994	2.90%	0.181%
20	9.810	1311	1313	1316	rVB	152969	129572	2.63%	0.164%
21	9.933	1330	1334	1335	rVV	167665	186014	3.77%	0.235%
22	9.951	1335	1337	1340	rVV	1336279	1163114	23.57%	1.470%
23	9.986	1340	1343	1346	rVV	965210	756753	15.34%	0.956%
24	10.157	1367	1372	1375	rVV	725879	665770	13.49%	0.841%
25	10.192	1375	1378	1382	rVB	144848	120727	2.45%	0.153%
26	10.269	1387	1391	1393	rBV	120498	126630	2.57%	0.160%
27	10.357	1401	1406	1407	rVV2	117774	130049	2.64%	0.164%
28	10.374	1407	1409	1412	rVB	181170	130081	2.64%	0.164%
29	10.498	1426	1430	1435	rVB	452680	425993	8.63%	0.538%
30	10.586	1443	1445	1448	rVV2	176227	163587	3.32%	0.207%
31	10.657	1454	1457	1460	rVV	268554	255634	5.18%	0.323%
32	10.739	1462	1471	1475	rVV	1861905	1774917	35.97%	2.243%
33	10.845	1487	1489	1490	rBV2	150811	120767	2.45%	0.153%
34	10.863	1490	1492	1495	rVB2	178031	146877	2.98%	0.186%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.174	1540	1545	1547	rBV3	140228	177617	3.60%	0.224%
36	11.198	1547	1549	1551	rVV2	159086	152898	3.10%	0.193%
37	11.245	1553	1557	1560	rVV	511488	467283	9.47%	0.591%
38	11.298	1560	1566	1568	rVV3	238924	335252	6.79%	0.424%
39	11.339	1569	1573	1577	rVB	390515	412364	8.36%	0.521%
40	11.439	1587	1590	1592	rBV	946105	1003047	20.33%	1.268%
41	11.468	1592	1595	1598	rVV	3876872	4062504	82.34%	5.134%
42	11.516	1600	1603	1606	rVV	1157342	941599	19.08%	1.190%
43	11.668	1623	1629	1631	rBV2	482998	519880	10.54%	0.657%
44	11.733	1636	1640	1644	rVV3	112493	166023	3.36%	0.210%
45	11.768	1644	1646	1651	rVV2	155493	133875	2.71%	0.169%
46	11.939	1669	1675	1677	rBV	557004	576484	11.68%	0.729%
47	11.968	1677	1680	1684	rVB	844921	827110	16.76%	1.045%
48	12.015	1684	1688	1691	rBV	313280	283843	5.75%	0.359%
49	12.057	1691	1695	1697	rBV2	606206	750175	15.20%	0.948%
50	12.074	1697	1698	1701	rVB	386791	249836	5.06%	0.316%
51	12.139	1702	1709	1712	rBV5	97589	202502	4.10%	0.256%
52	12.239	1722	1726	1728	rVV	454213	451020	9.14%	0.570%
53	12.263	1728	1730	1734	rVV	322311	272619	5.53%	0.345%
54	12.492	1765	1769	1771	rBV	278383	292265	5.92%	0.369%
55	12.521	1771	1774	1777	rVV3	132144	184943	3.75%	0.234%
56	12.580	1781	1784	1789	rVB	359628	364801	7.39%	0.461%
57	12.663	1793	1798	1801	rBV	4212572	4669950	94.65%	5.902%
58	12.810	1820	1823	1825	rVB	197014	176340	3.57%	0.223%
59	12.892	1830	1837	1840	rBV2	3775813	4933928	100.00%	6.236%
60	12.933	1841	1844	1848	rVB2	254942	295529	5.99%	0.373%
61	13.004	1852	1856	1857	rBV	300362	344286	6.98%	0.435%
62	13.027	1857	1860	1866	rVB2	2187790	2326958	47.16%	2.941%
63	13.098	1867	1872	1876	rBV2	334044	591223	11.98%	0.747%
64	13.186	1883	1887	1889	rBV4	239041	304757	6.18%	0.385%
65	13.210	1889	1891	1894	rVB	479468	404324	8.19%	0.511%
66	13.245	1894	1897	1900	rBV3	101781	140784	2.85%	0.178%
67	13.274	1900	1902	1905	rBV	179702	135403	2.74%	0.171%
68	13.315	1905	1909	1911	rBV2	484587	527047	10.68%	0.666%
69	13.339	1911	1913	1916	rVB2	171475	145767	2.95%	0.184%
70	13.368	1916	1918	1922	rBV3	116315	122480	2.48%	0.155%
71	13.410	1922	1925	1927	rVB	222746	190741	3.87%	0.241%

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72	13.439	1927	1930	1933	rBV2	271503	281230	5.70%	0.355%
73	13.592	1952	1956	1958	rBV2	155173	211548	4.29%	0.267%
74	13.715	1974	1977	1981	rVB	666012	642570	13.02%	0.812%
75	13.827	1992	1996	1999	rBV2	631237	795855	16.13%	1.006%
76	13.857	1999	2001	2004	rVV	443809	450749	9.14%	0.570%
77	13.886	2004	2006	2009	rVV2	366804	581340	11.78%	0.735%
78	13.927	2010	2013	2017	rVB	627446	655392	13.28%	0.828%
79	13.998	2023	2025	2031	rVB	162814	185829	3.77%	0.235%
80	14.080	2031	2039	2042	rBV3	2723262	4054461	82.18%	5.124%
81	14.115	2042	2045	2052	rVB	2405617	2288950	46.39%	2.893%
82	14.192	2055	2058	2061	rBV	240152	213036	4.32%	0.269%
83	14.268	2069	2071	2074	rVB	257553	203338	4.12%	0.257%
84	14.304	2074	2077	2080	rBV2	315315	368482	7.47%	0.466%
85	14.468	2101	2105	2108	rVB	456713	451226	9.15%	0.570%
86	14.498	2108	2110	2113	rVB	246971	208328	4.22%	0.263%
87	14.539	2114	2117	2123	rVB4	161589	318691	6.46%	0.403%
88	14.592	2123	2126	2128	rBV2	233465	210423	4.26%	0.266%
89	14.615	2128	2130	2134	rVB2	202850	182663	3.70%	0.231%
90	14.780	2155	2158	2161	rBV2	139490	166979	3.38%	0.211%
91	14.927	2181	2183	2186	rBV	178081	181104	3.67%	0.229%
92	15.145	2214	2220	2223	rBV	1584735	2789930	56.55%	3.526%
93	15.198	2227	2229	2235	rVV2	183804	296688	6.01%	0.375%
94	15.251	2235	2238	2241	rVB	299034	304341	6.17%	0.385%
95	15.456	2268	2273	2278	rVB	929261	1357770	27.52%	1.716%
96	15.521	2279	2284	2289	rVV	1275426	1631561	33.07%	2.062%
97	15.580	2290	2294	2297	rVV	562717	818097	16.58%	1.034%
98	15.609	2297	2299	2305	rVB2	432678	528858	10.72%	0.668%
99	17.092	2545	2551	2559	rVB2	477825	929599	18.84%	1.175%
100	17.550	2623	2629	2638	rVB	361829	734676	14.89%	0.928%

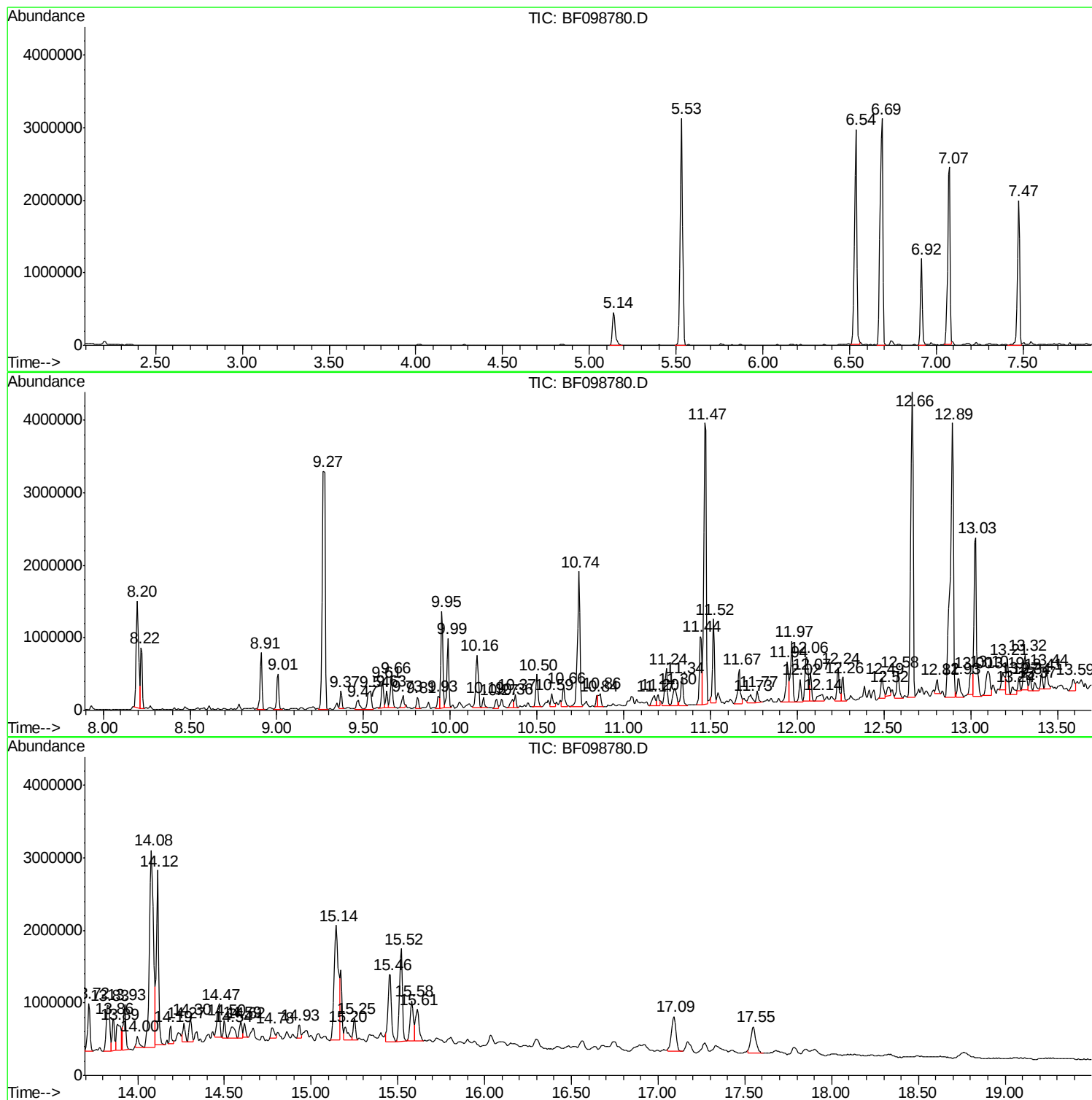
Sum of corrected areas: 79125769

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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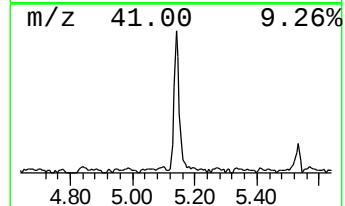
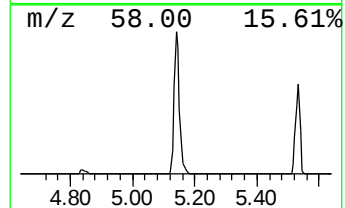
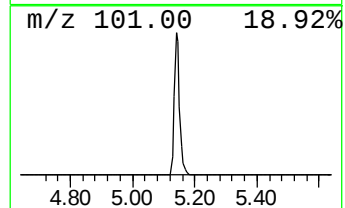
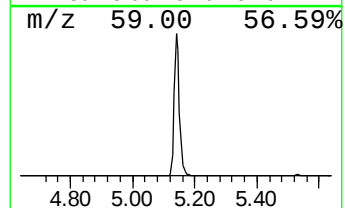
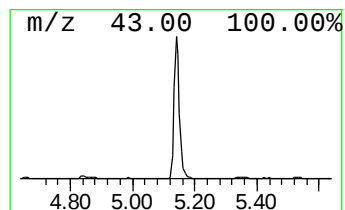
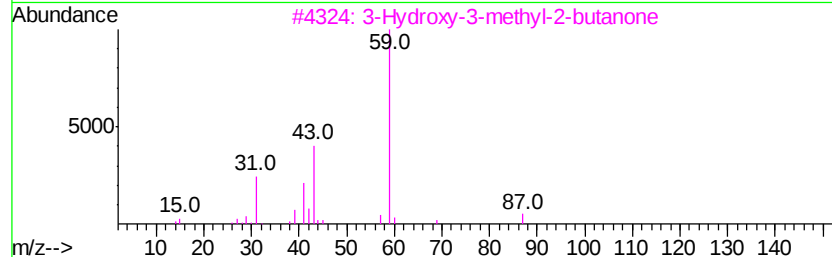
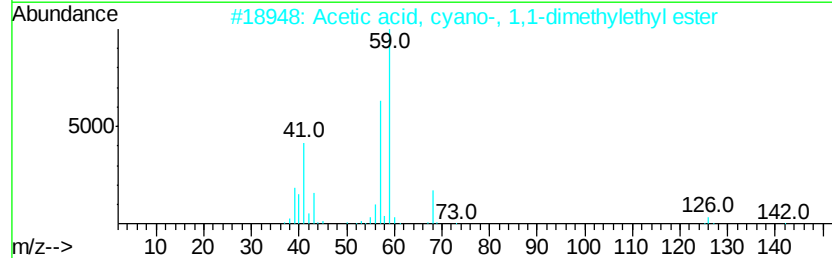
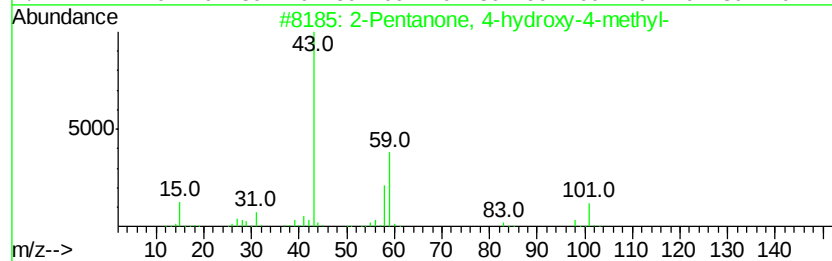
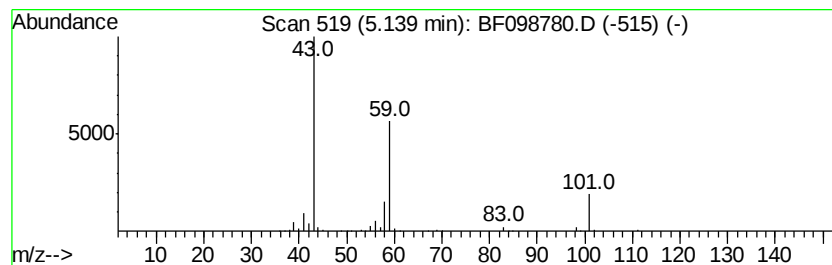
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	11.64 ng	547689	1,4-Dichlorobenzene-d4	6.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	



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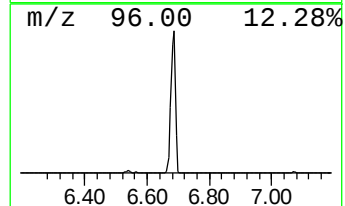
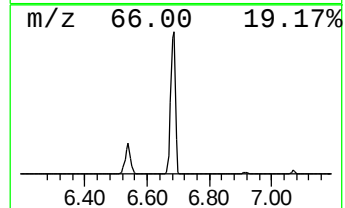
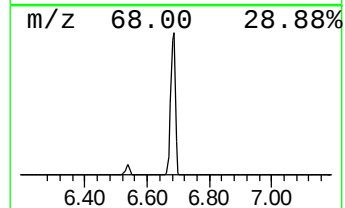
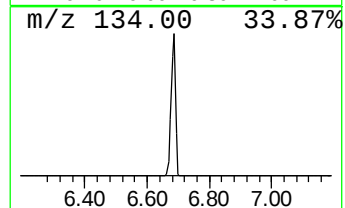
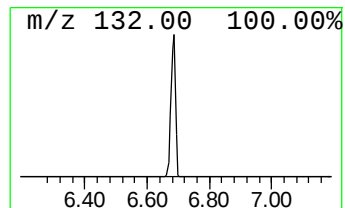
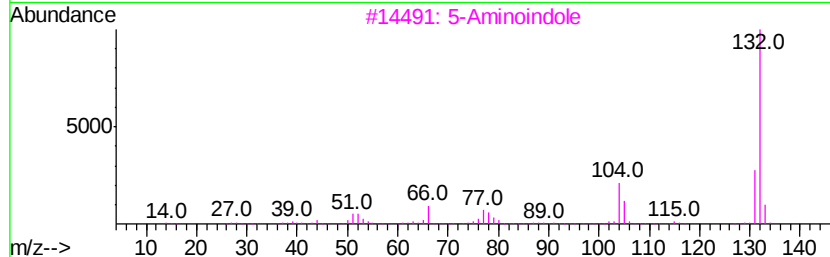
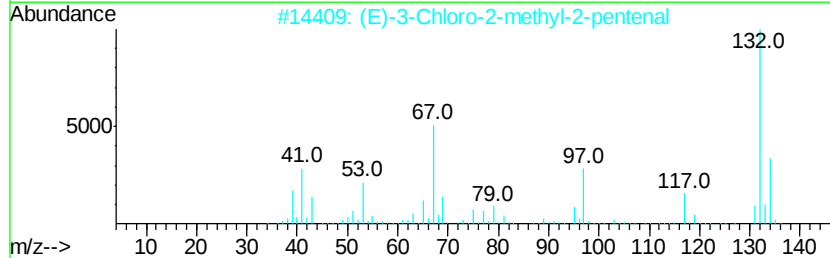
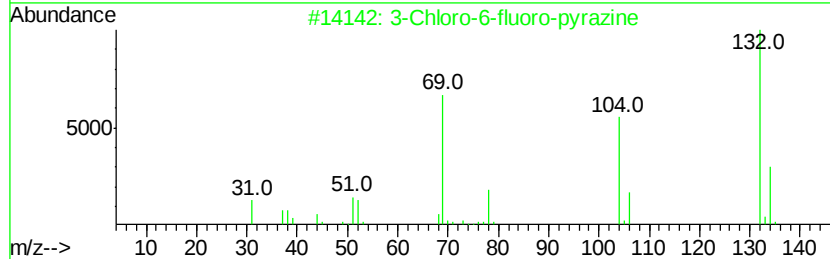
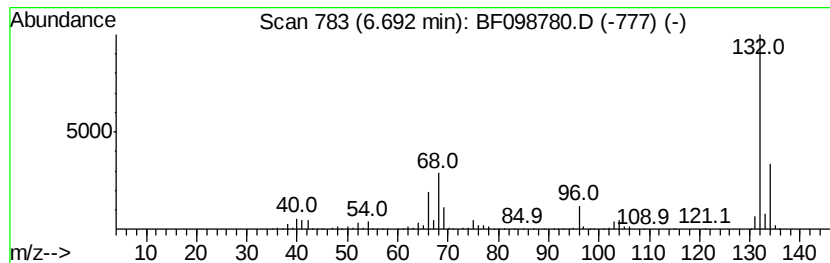
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	65.24 ng	3069280	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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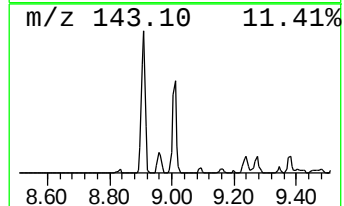
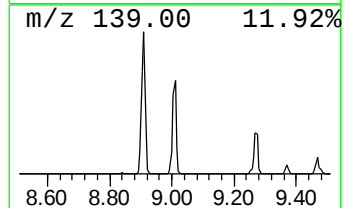
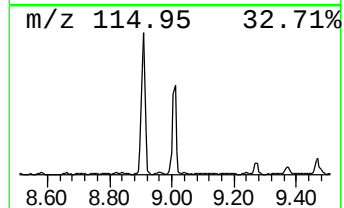
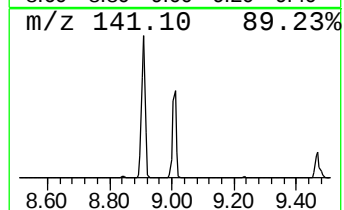
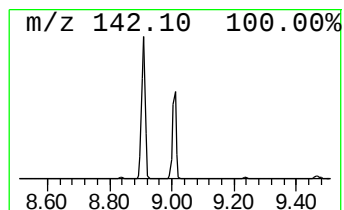
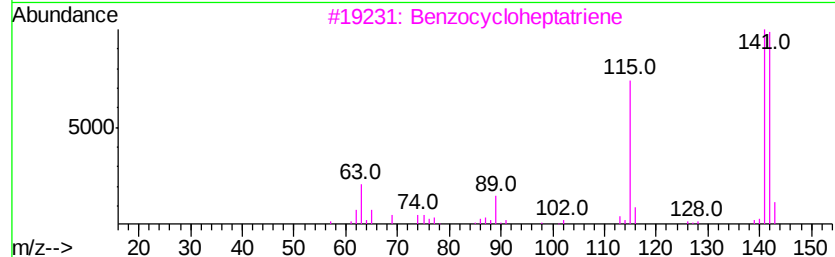
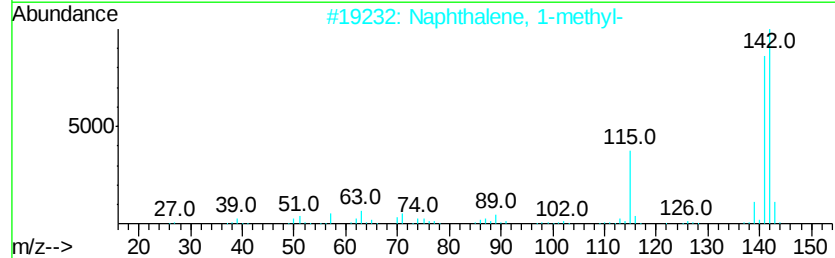
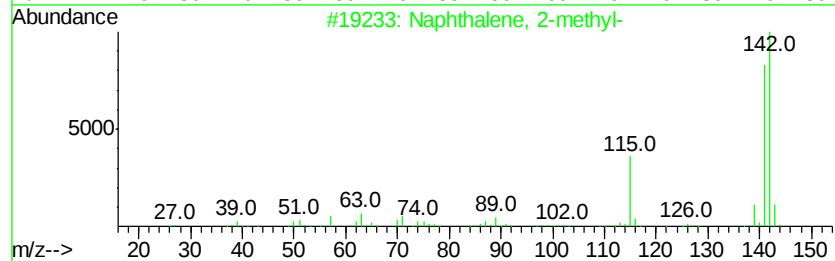
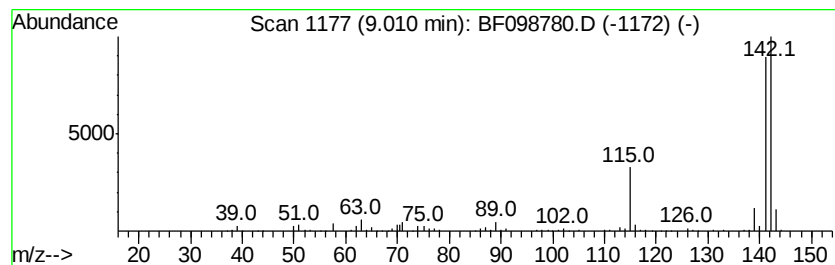
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	6.67 ng	428791	Naphthalene-d8	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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Operator : SJ/JU
Sample : I5362-05
Misc :
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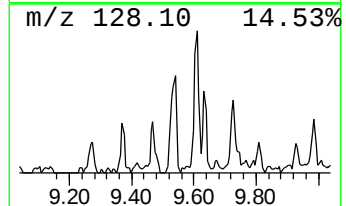
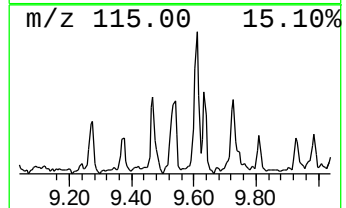
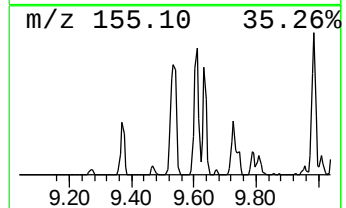
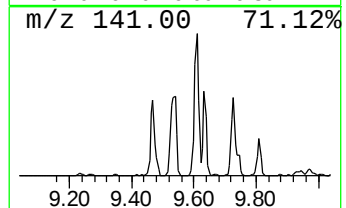
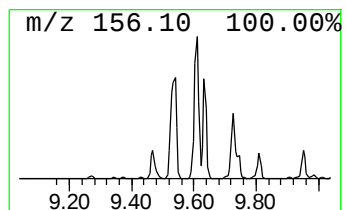
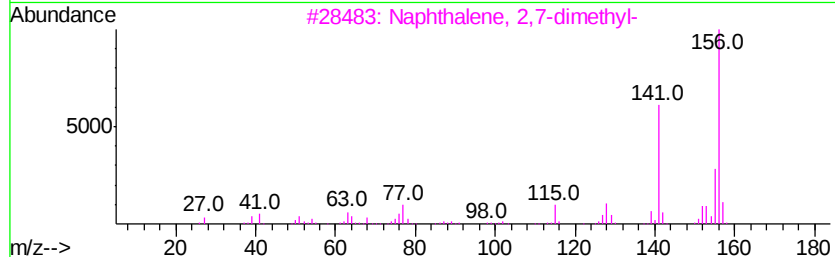
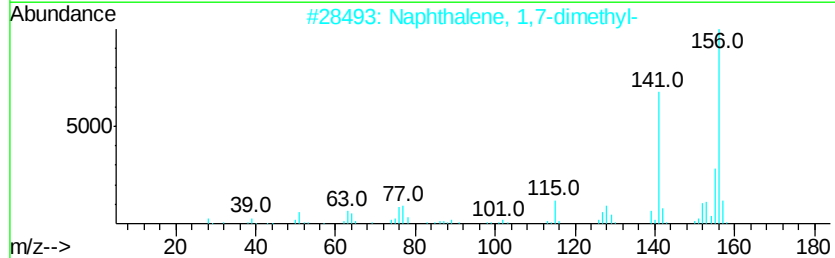
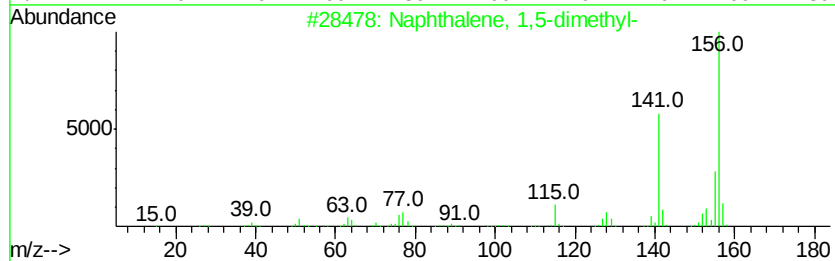
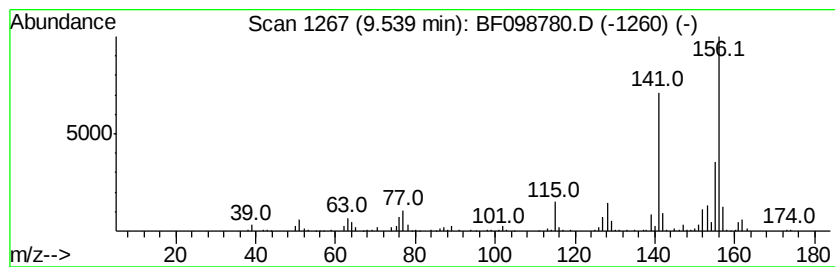
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.54	5.78 ng	336165	Acenaphthene-d10	9.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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Operator : SJ/JU
Sample : I5362-05
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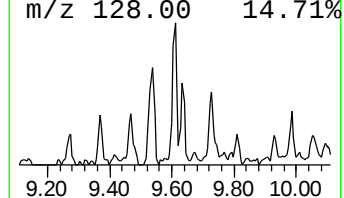
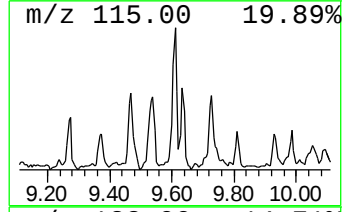
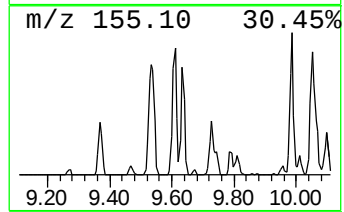
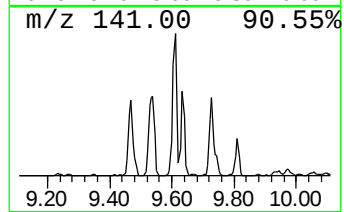
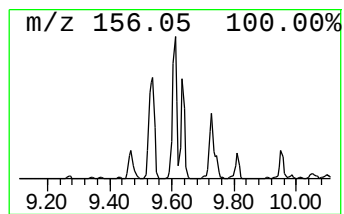
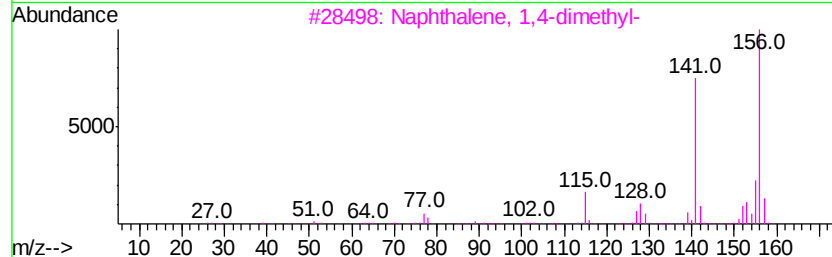
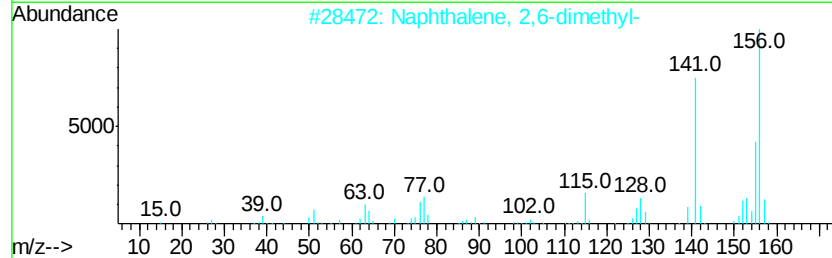
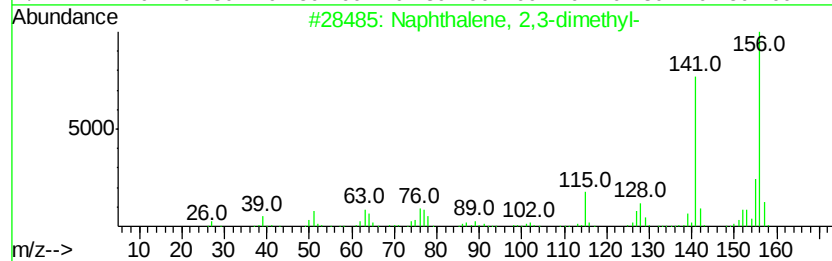
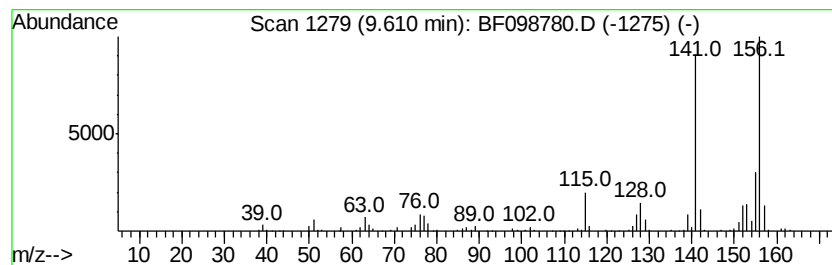
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	6.10 ng	354940	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
Data File : BF098780.D
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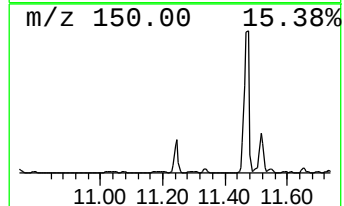
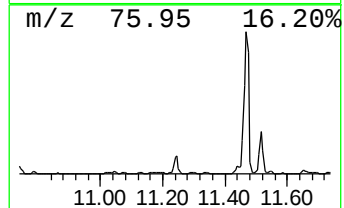
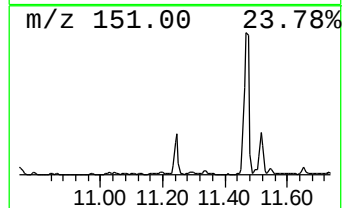
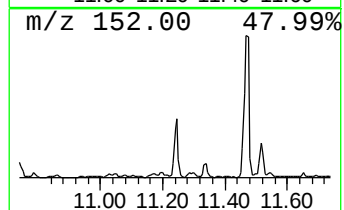
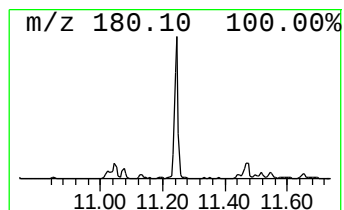
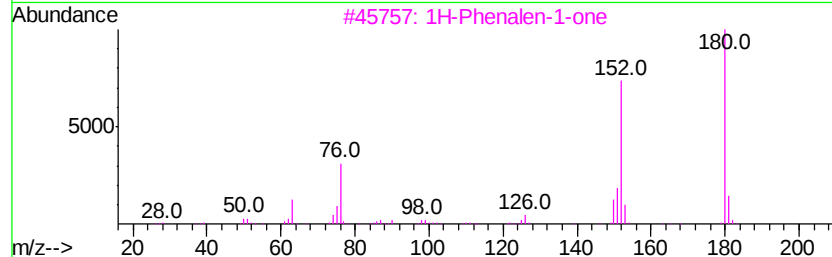
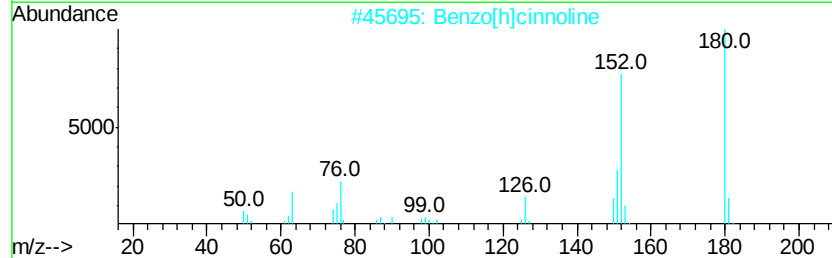
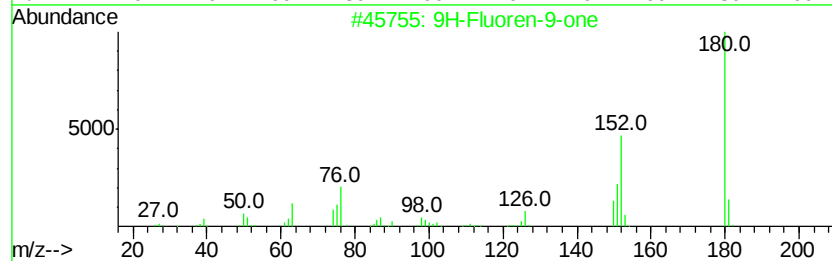
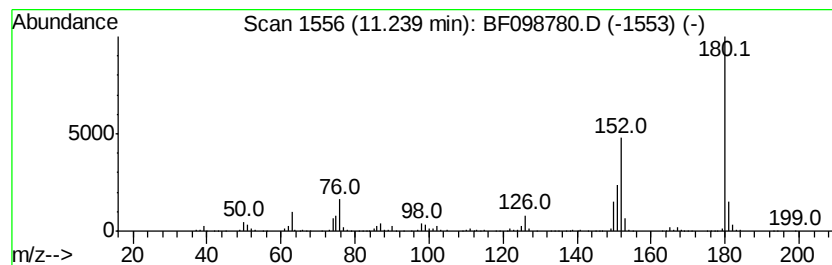
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.24	9.32 ng	467283	Phenanthrene-d10		11.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
5	Phenazine	180	C12H8N2	000092-82-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
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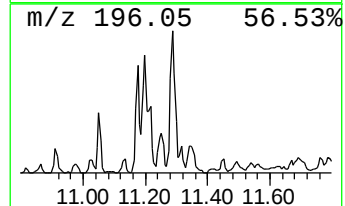
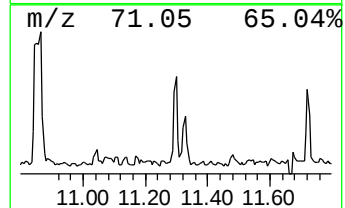
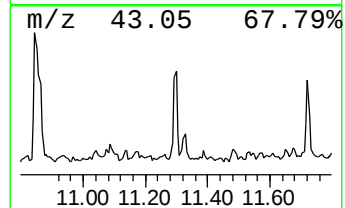
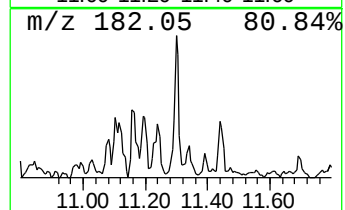
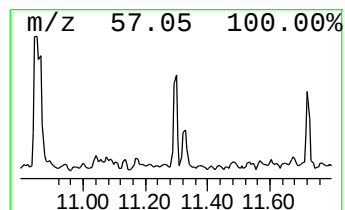
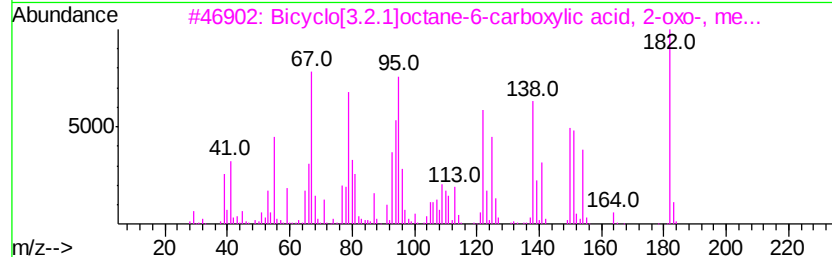
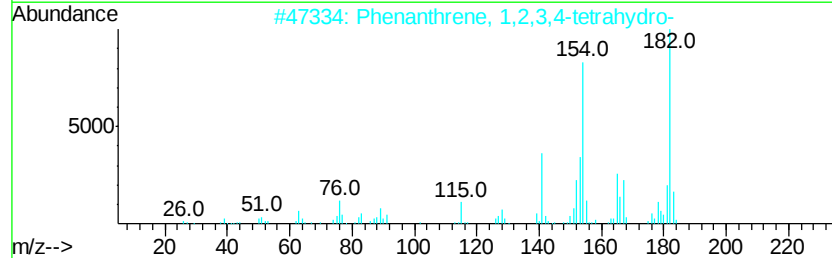
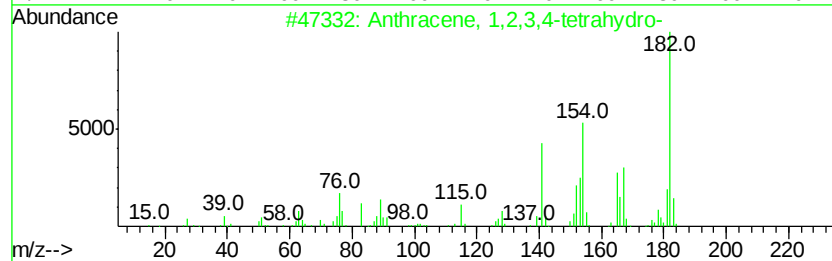
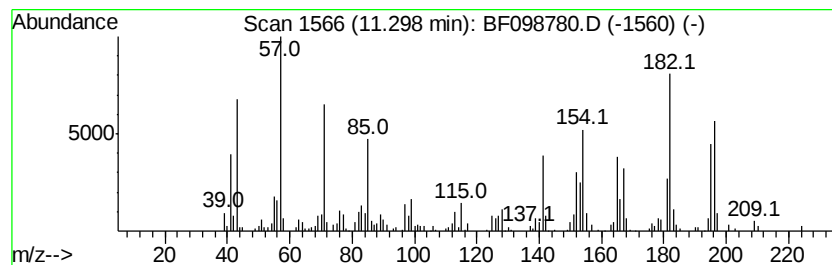
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	6.68 ng	335252	Phenanthrene-d10	11.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	91
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	86
3	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	42
4	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	38
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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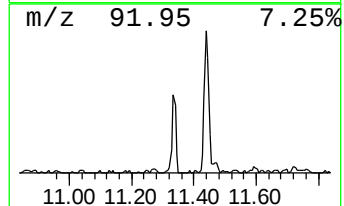
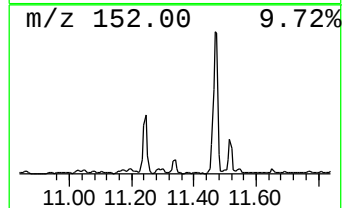
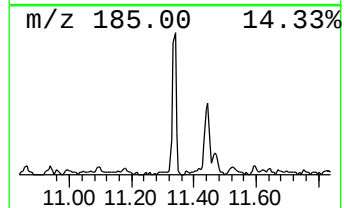
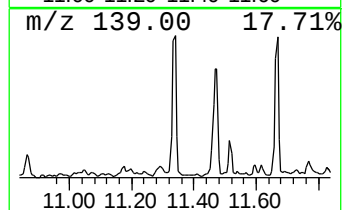
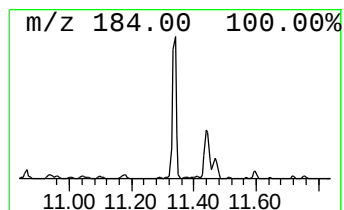
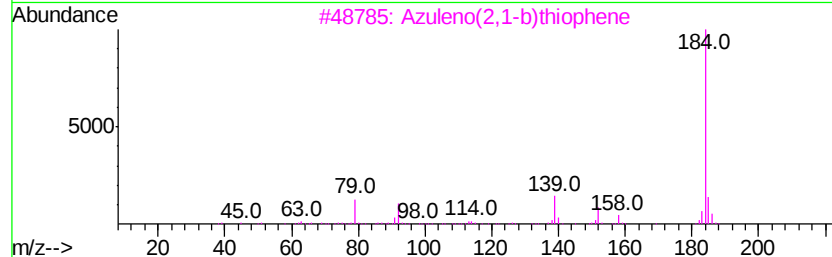
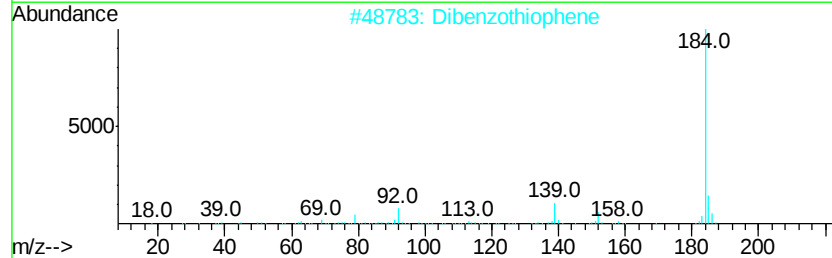
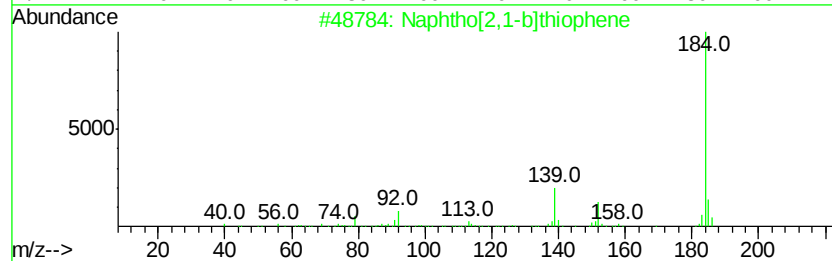
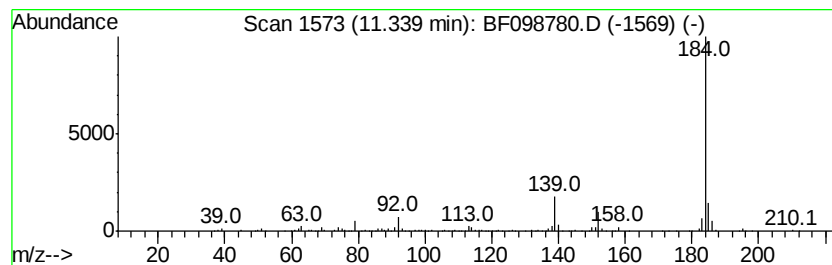
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	8.22 ng	412364	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72



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ALS Vial : 9 Sample Multiplier: 1

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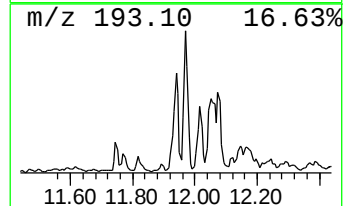
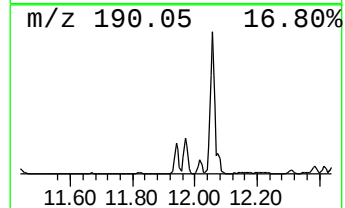
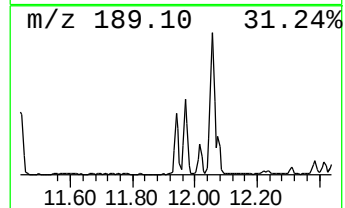
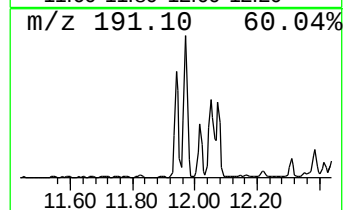
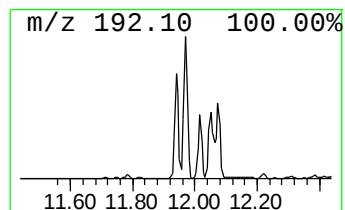
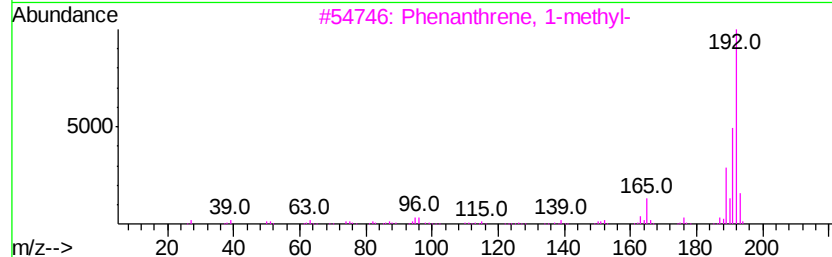
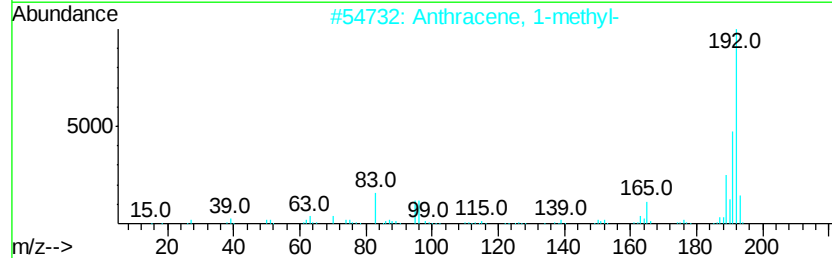
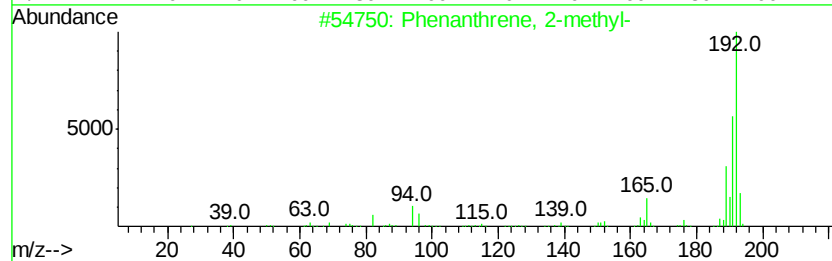
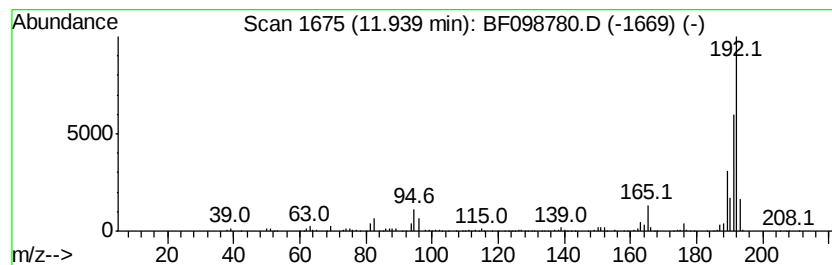
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	11.49 ng	576484	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
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ALS Vial : 9 Sample Multiplier: 1

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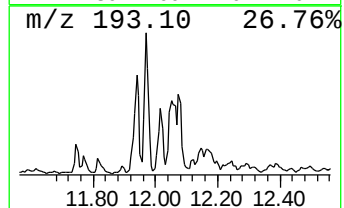
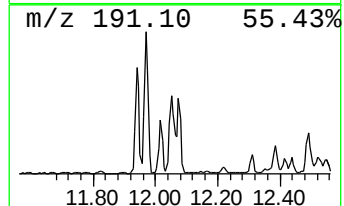
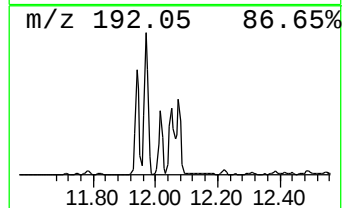
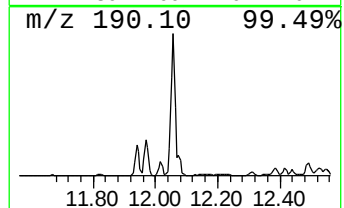
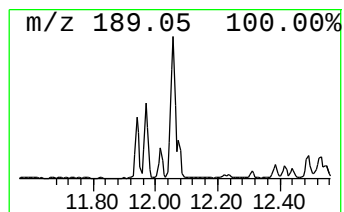
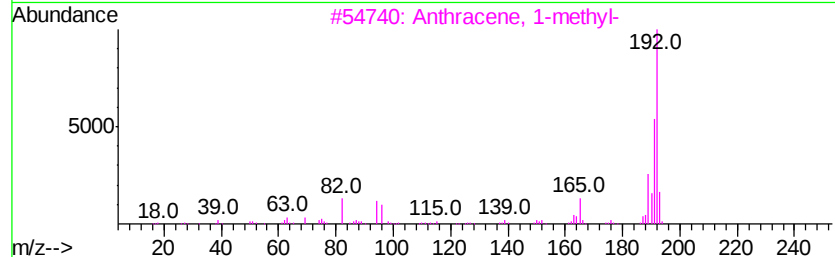
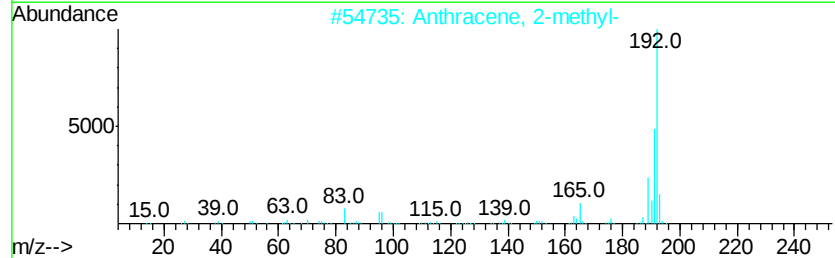
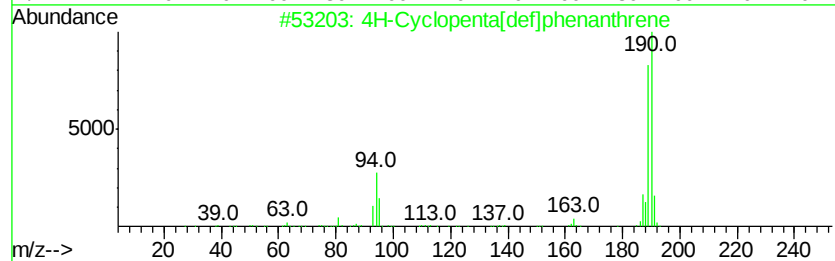
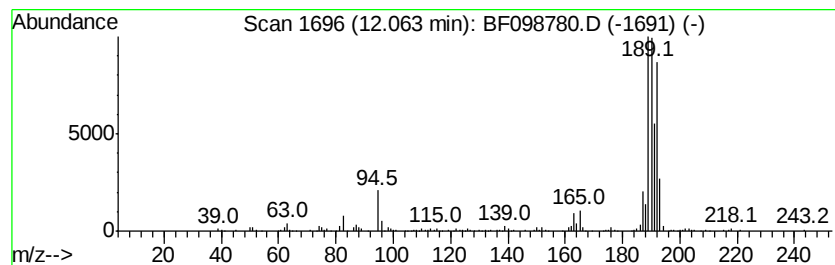
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	14.96 ng	750175	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	20
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092517\
Data File : BF098780.D
Acq On : 25 Sep 2017 13:45
Operator : SJ/JU
Sample : I5362-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2-C-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	4.98 ng	249836	Phenanthrene-d10	11.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91

