

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097345.D
 Acq On : 4 Aug 2017 4:32
 Operator : SJ/JU
 Sample : I4522-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-SS2

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-BF072517.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	4.569	452	456	469	rVB	684998	1065240	26.07%	1.699%
2	5.045	533	537	555	rBV	2086292	2425161	59.36%	3.868%
3	6.098	711	716	718	rBV	90558	105912	2.59%	0.169%
4	6.128	718	721	734	rVV	2049366	2526075	61.83%	4.029%
5	6.228	734	738	743	rVB	2284917	2249500	55.06%	3.587%
6	6.445	772	775	780	rBV	620442	578629	14.16%	0.923%
7	6.604	798	802	813	rVB	2026436	1837127	44.97%	2.930%
8	7.022	869	873	879	rBV	1548951	1427376	34.94%	2.276%
9	7.728	990	993	995	rBV	822825	752886	18.43%	1.201%
10	7.751	995	997	1002	rVV	491208	412947	10.11%	0.659%
11	8.439	1111	1114	1119	rVB	217462	180495	4.42%	0.288%
12	8.539	1127	1131	1134	rBV	173837	160595	3.93%	0.256%
13	8.804	1172	1176	1179	rBV	2219638	2057276	50.35%	3.281%
14	8.904	1186	1193	1196	rBV	110575	97687	2.39%	0.156%
15	9.063	1217	1220	1225	rBV	69282	96930	2.37%	0.155%
16	9.139	1229	1233	1235	rBV	134951	144140	3.53%	0.230%
17	9.204	1241	1244	1249	rBV	343160	297043	7.27%	0.474%
18	9.251	1249	1252	1259	rVB2	81616	102850	2.52%	0.164%
19	9.333	1262	1266	1269	rBV	235042	198782	4.87%	0.317%
20	9.469	1284	1289	1292	rVV2	812091	777039	19.02%	1.239%
21	9.504	1292	1295	1300	rVB	688510	582642	14.26%	0.929%
22	9.675	1321	1324	1328	rVV	345375	300431	7.35%	0.479%
23	9.922	1364	1366	1370	rVB	119157	101449	2.48%	0.162%
24	10.016	1378	1382	1385	rBV	546354	472418	11.56%	0.753%
25	10.080	1388	1393	1394	rBV	78091	99079	2.43%	0.158%
26	10.175	1406	1409	1415	rVB	159496	154623	3.78%	0.247%
27	10.257	1419	1423	1427	rVV	1154053	1178280	28.84%	1.879%
28	10.392	1441	1446	1452	rVB4	157667	262662	6.43%	0.419%
29	10.563	1471	1475	1477	rBV2	109232	121573	2.98%	0.194%
30	10.757	1506	1508	1512	rVB	218947	200637	4.91%	0.320%
31	10.804	1512	1516	1519	rBV	119357	124288	3.04%	0.198%
32	10.839	1519	1522	1525	rBV	306218	253067	6.19%	0.404%
33	10.945	1534	1540	1542	rBV	579680	653124	15.99%	1.042%
34	10.975	1542	1545	1548	rVV	2740599	2886483	70.65%	4.603%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.022	1548	1553	1557	rVB	1169557	1043216	25.53%	1.664%
36	11.063	1557	1560	1563	rBV	133152	147695	3.62%	0.236%
37	11.180	1574	1580	1583	rBV2	513532	556786	13.63%	0.888%
38	11.357	1607	1610	1614	rVB3	75647	95756	2.34%	0.153%
39	11.445	1621	1625	1627	rBV	518173	465641	11.40%	0.743%
40	11.474	1627	1630	1633	rVV	722099	600195	14.69%	0.957%
41	11.504	1633	1635	1636	rVV	195091	153260	3.75%	0.244%
42	11.522	1636	1638	1641	rVB	337950	261938	6.41%	0.418%
43	11.557	1641	1644	1646	rBV	790936	781734	19.13%	1.247%
44	11.574	1646	1647	1654	rVB	334135	299231	7.32%	0.477%
45	11.633	1654	1657	1659	rBV2	87848	100713	2.47%	0.161%
46	11.657	1659	1661	1664	rBV2	78549	98646	2.41%	0.157%
47	11.739	1672	1675	1678	rVB	346320	275543	6.74%	0.439%
48	11.774	1678	1681	1685	rVV	292028	250655	6.14%	0.400%
49	11.886	1697	1700	1703	rBV	124061	121356	2.97%	0.194%
50	11.922	1703	1706	1708	rVV	130910	100755	2.47%	0.161%
51	11.945	1708	1710	1714	rVB2	88027	92770	2.27%	0.148%
52	11.992	1714	1718	1721	rBV	271549	325482	7.97%	0.519%
53	12.039	1721	1726	1731	rVV5	178954	438667	10.74%	0.700%
54	12.086	1731	1734	1738	rVV2	282259	285013	6.98%	0.455%
55	12.169	1741	1748	1750	rBV	2913490	3968338	97.13%	6.329%
56	12.221	1750	1757	1759	rVV3	116528	174573	4.27%	0.278%
57	12.298	1765	1770	1773	rBV2	303268	350457	8.58%	0.559%
58	12.392	1779	1786	1790	rBV3	2600382	4085600	100.00%	6.516%
59	12.427	1790	1792	1800	rVB2	257287	317265	7.77%	0.506%
60	12.498	1801	1804	1806	rBV	307272	322651	7.90%	0.515%
61	12.527	1806	1809	1816	rVB2	1545432	1744418	42.70%	2.782%
62	12.604	1816	1822	1825	rBV2	379193	605119	14.81%	0.965%
63	12.633	1825	1827	1829	rVV	134418	109277	2.67%	0.174%
64	12.710	1832	1840	1843	rVV	717775	1103893	27.02%	1.760%
65	12.774	1848	1851	1854	rVV	544598	537792	13.16%	0.858%
66	12.810	1854	1857	1864	rVV2	580673	845305	20.69%	1.348%
67	12.868	1864	1867	1869	rVV2	119264	141867	3.47%	0.226%
68	12.904	1869	1873	1875	rVV	282665	312390	7.65%	0.498%
69	12.933	1875	1878	1887	rVV2	292828	455672	11.15%	0.727%
70	12.998	1887	1889	1891	rVV3	85194	94502	2.31%	0.151%
71	13.021	1891	1893	1897	rVB2	113008	122732	3.00%	0.196%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.127	1906	1911	1918	rVB4	147819	293619	7.19%	0.468%
73	13.192	1919	1922	1924	rBV2	82583	89790	2.20%	0.143%
74	13.221	1924	1927	1930	rVV	334793	329924	8.08%	0.526%
75	13.321	1940	1944	1946	rBV2	431072	467134	11.43%	0.745%
76	13.345	1946	1948	1950	rVV	375898	346130	8.47%	0.552%
77	13.374	1950	1953	1954	rVV	316641	302068	7.39%	0.482%
78	13.392	1954	1956	1959	rVV2	223013	216848	5.31%	0.346%
79	13.433	1959	1963	1969	rVV2	373743	522457	12.79%	0.833%
80	13.568	1980	1986	1990	rBV3	1657622	2965035	72.57%	4.729%
81	13.604	1990	1992	1995	rVB	1528219	1424094	34.86%	2.271%
82	13.680	2002	2005	2007	rVB	322173	290569	7.11%	0.463%
83	13.727	2010	2013	2014	rVV	106672	96001	2.35%	0.153%
84	13.768	2018	2020	2022	rVV	166451	166841	4.08%	0.266%
85	13.804	2024	2026	2029	rVB	189193	150788	3.69%	0.240%
86	13.921	2044	2046	2049	rBV2	163935	196743	4.82%	0.314%
87	13.963	2049	2053	2056	rVV	373591	430658	10.54%	0.687%
88	13.992	2056	2058	2061	rVB	182529	144927	3.55%	0.231%
89	14.080	2071	2073	2075	rVB	129724	94440	2.31%	0.151%
90	14.151	2083	2085	2091	rVB3	135921	153000	3.74%	0.244%
91	14.433	2131	2133	2136	rVB	167947	135742	3.32%	0.216%
92	14.480	2139	2141	2144	rVB3	106263	94425	2.31%	0.151%
93	14.574	2152	2157	2164	rBV	1330418	2481435	60.74%	3.957%
94	14.657	2168	2171	2175	rVB	312381	341129	8.35%	0.544%
95	14.821	2194	2199	2204	rBV	796693	943687	23.10%	1.505%
96	14.874	2204	2208	2212	rVB	1084658	1221216	29.89%	1.948%
97	14.921	2213	2216	2218	rVV	222909	256547	6.28%	0.409%
98	14.945	2218	2220	2227	rVB2	366796	429055	10.50%	0.684%
99	16.133	2416	2422	2427	rBV	489404	809521	19.81%	1.291%
100	16.492	2478	2483	2490	rVB	342919	638774	15.63%	1.019%

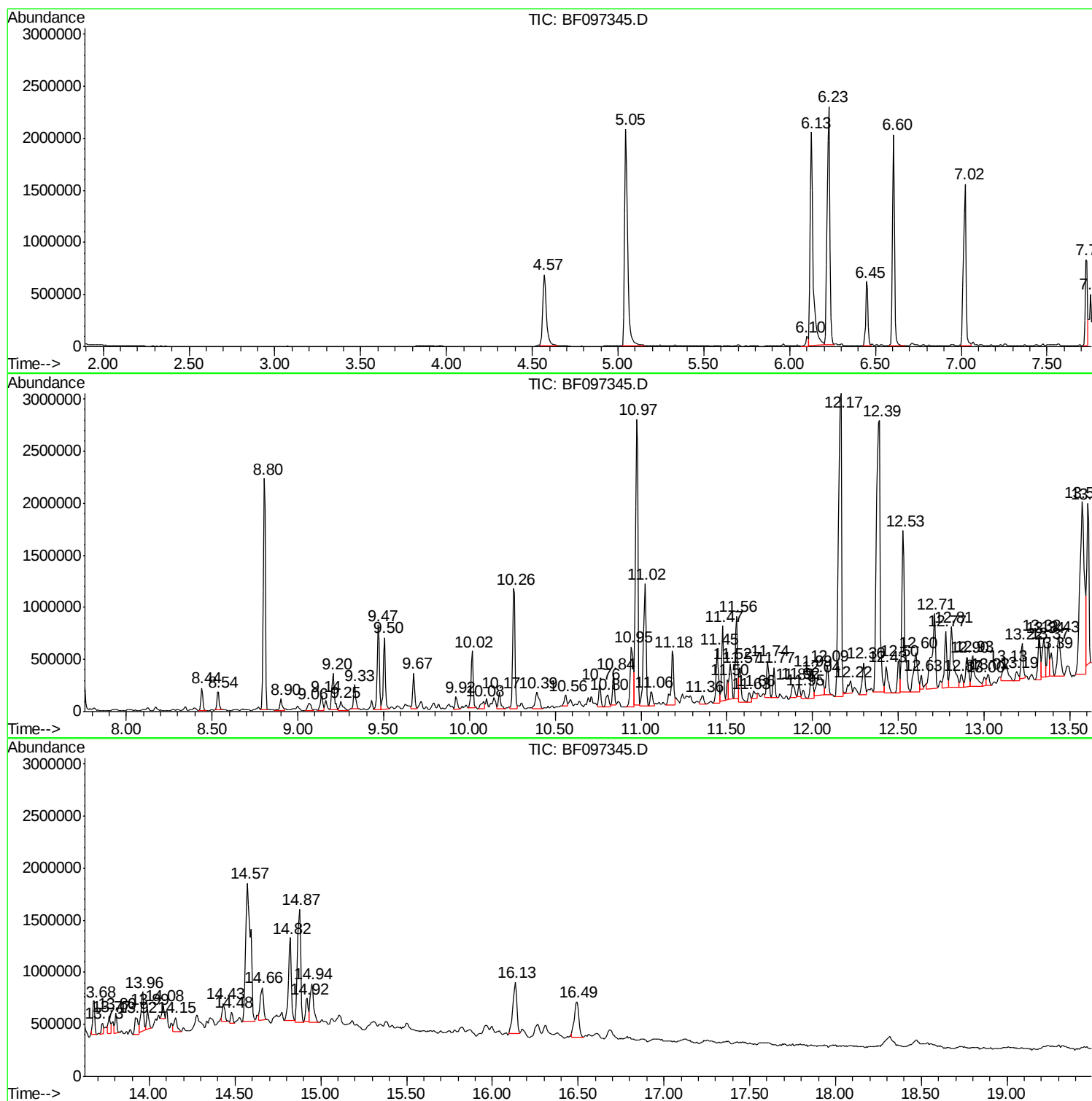
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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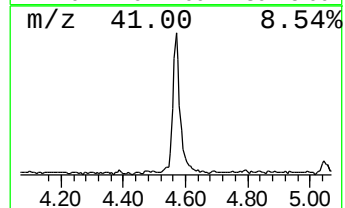
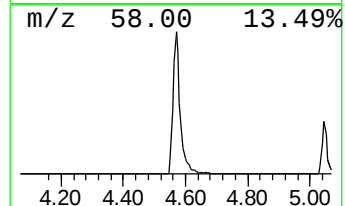
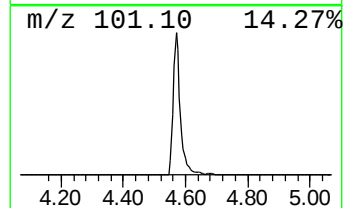
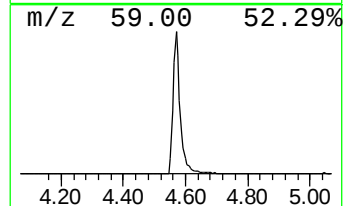
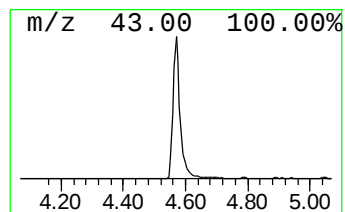
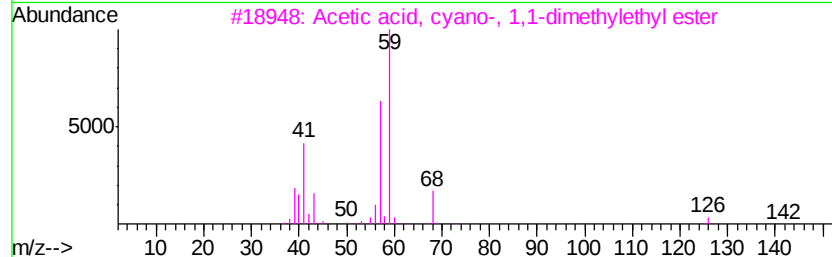
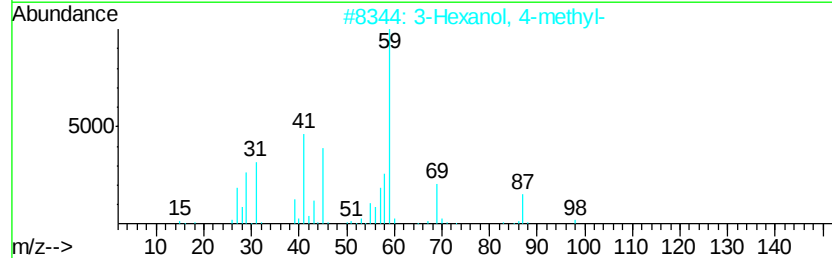
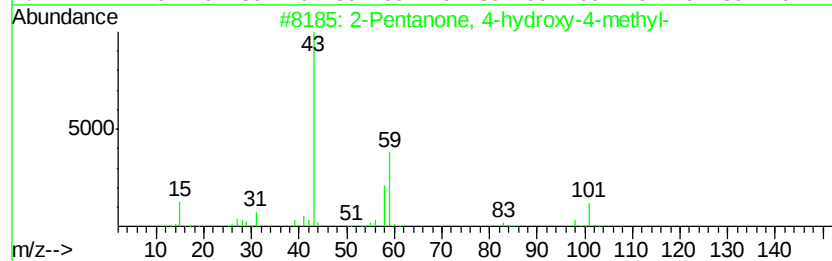
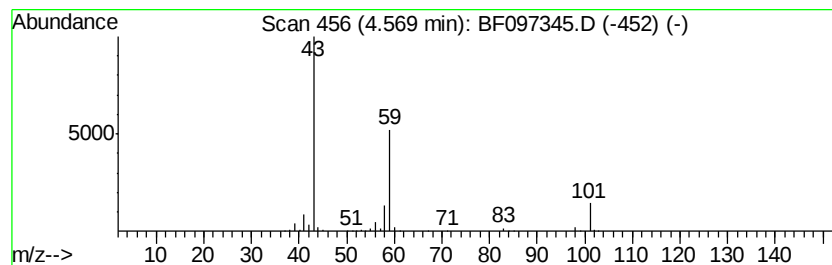
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	36.82 ng	1065240	1,4-Dichlorobenzene-d4	6.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28		
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	9		
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9		
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9		



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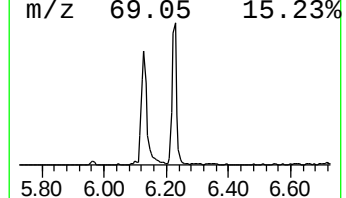
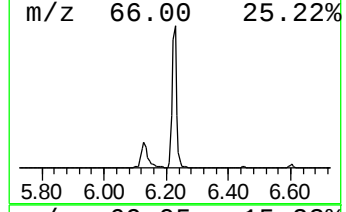
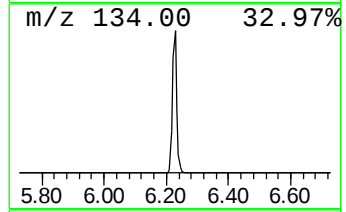
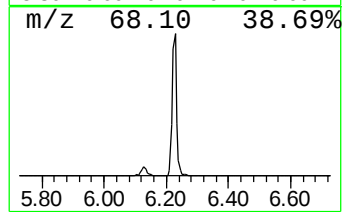
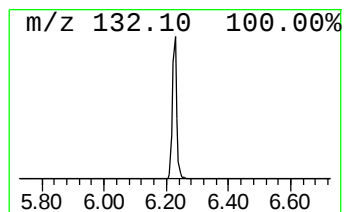
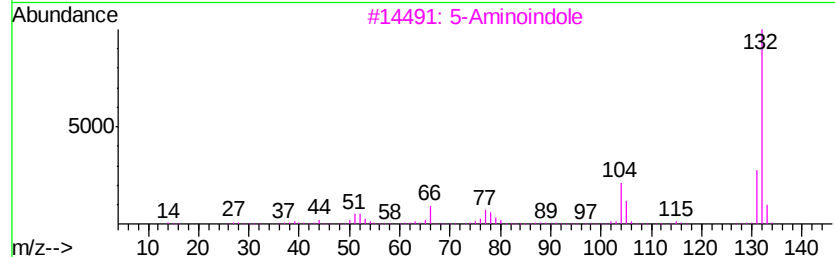
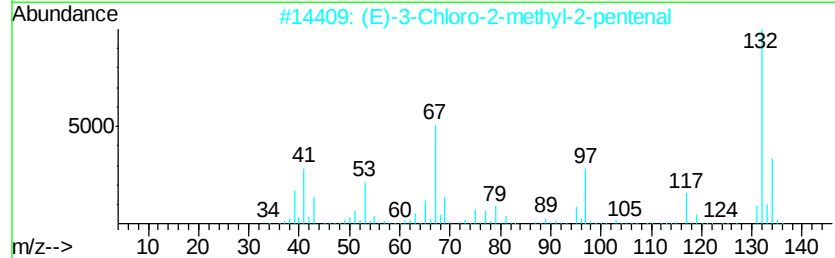
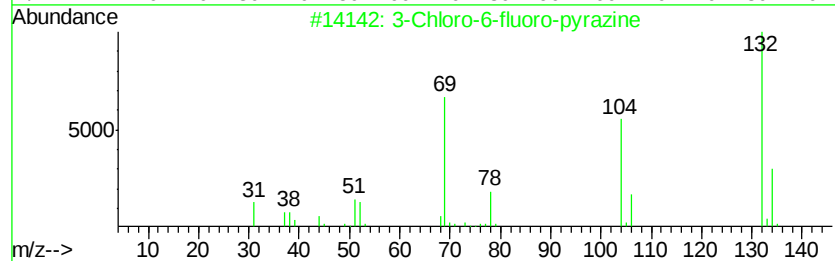
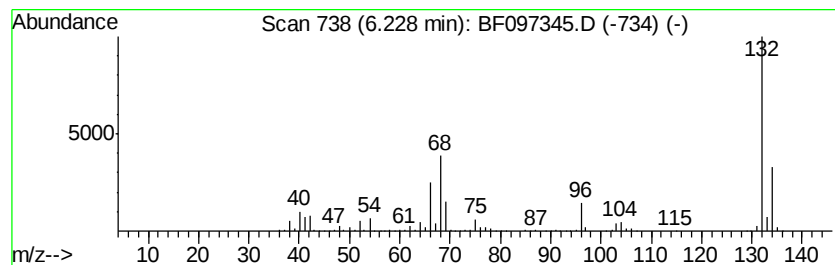
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	77.75 ng	2249500	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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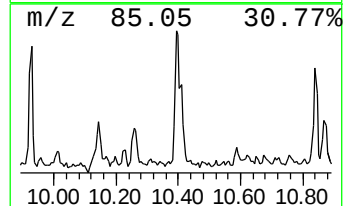
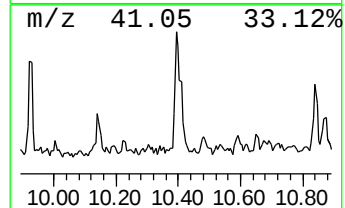
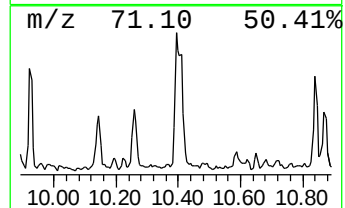
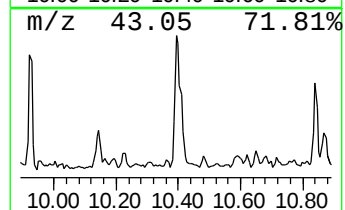
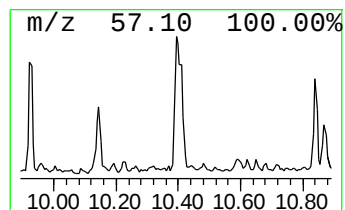
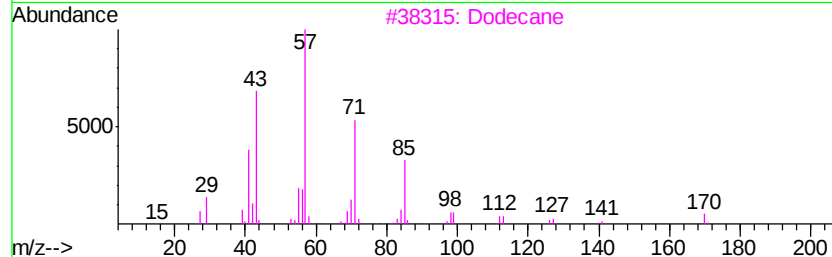
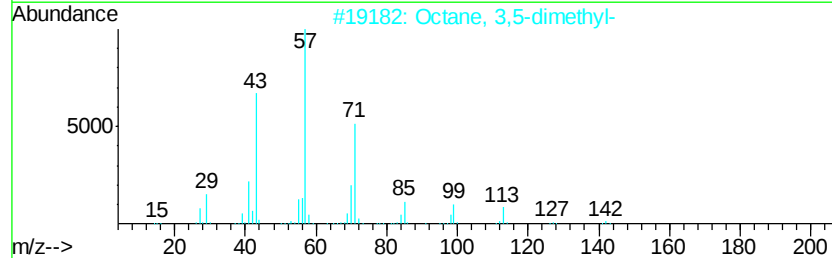
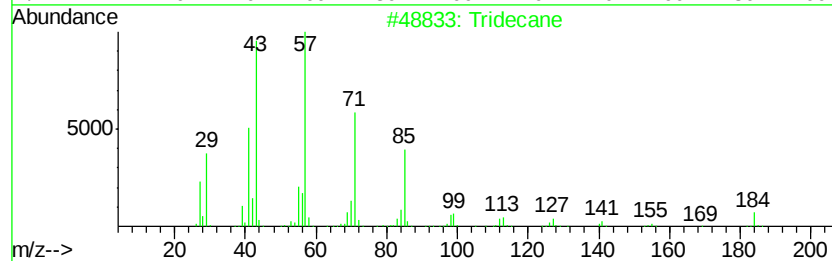
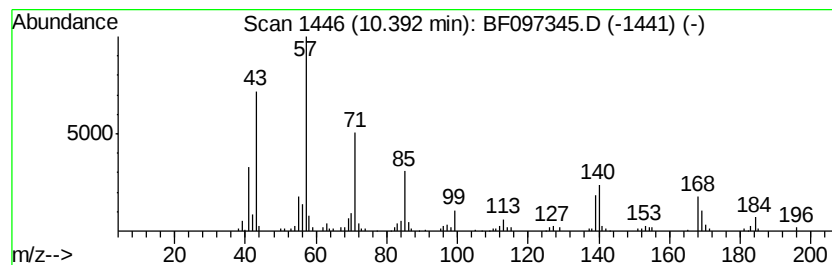
Instrument :
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ClientSampleId :
TP-5-SS2

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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 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.39	8.04 ng	262662	Phenanthrene-d10		10.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	55
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	55
3	Dodecane	170	C12H26	000112-40-3	55
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
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Instrument :
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ClientSampleId :
TP-5-SS2

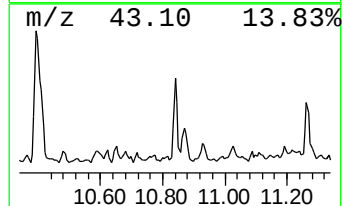
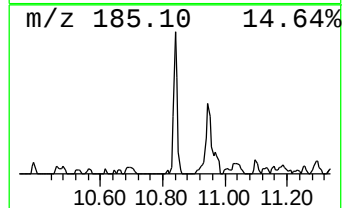
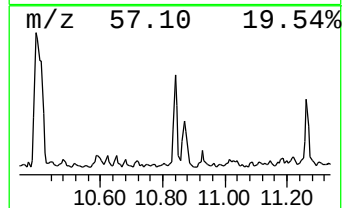
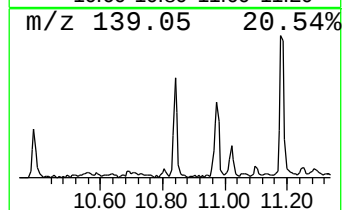
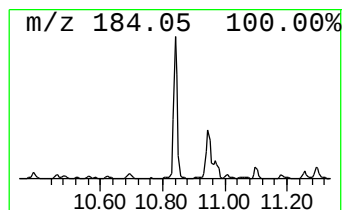
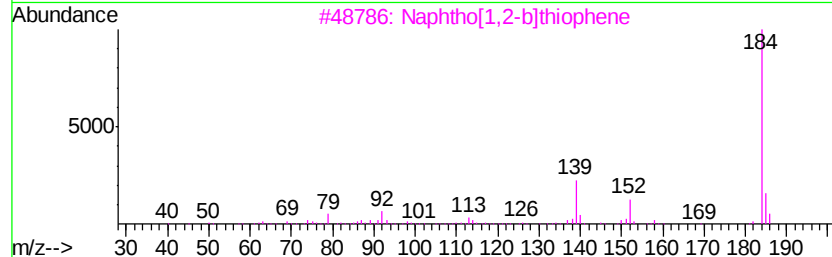
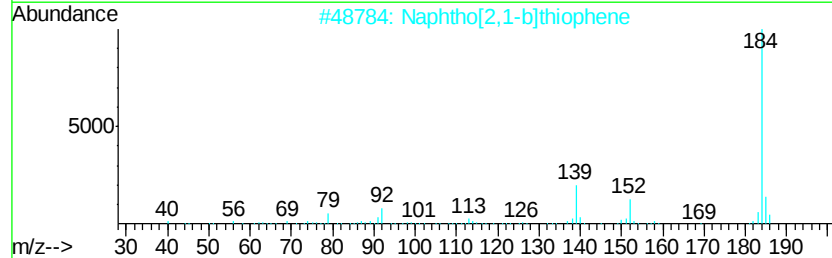
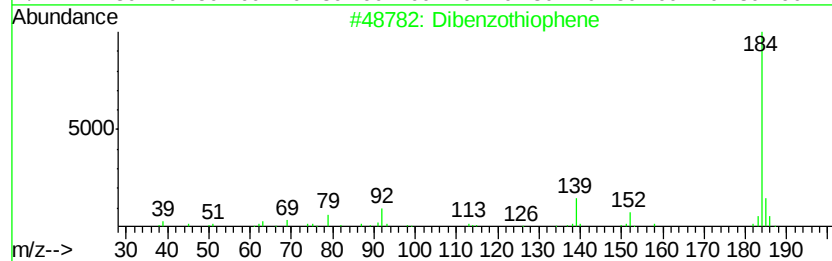
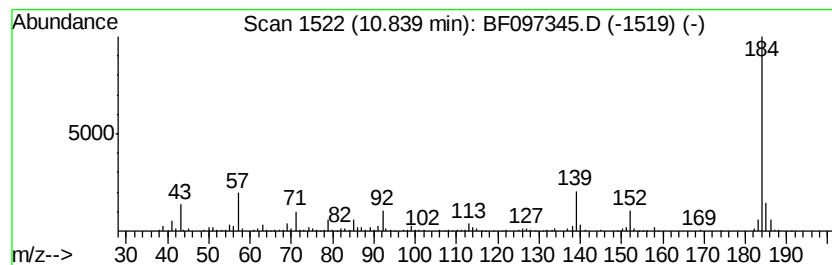
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	7.75 ng	253067	Phenanthrene-d10	10.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
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Acq On : 4 Aug 2017 4:32
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Misc :
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ClientSampleId :
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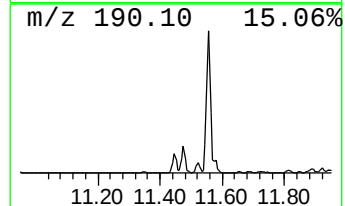
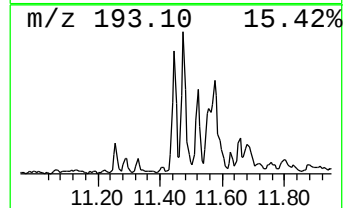
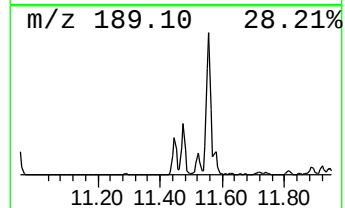
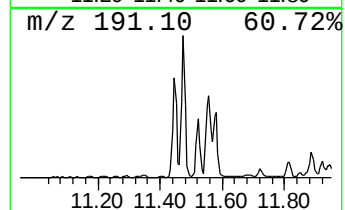
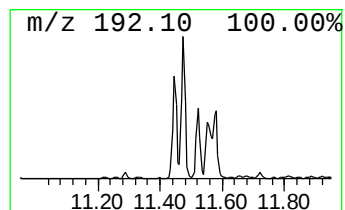
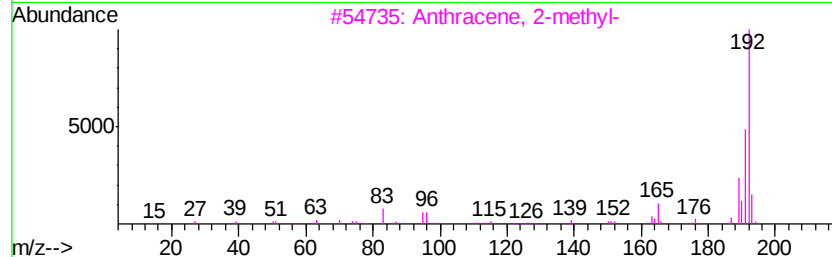
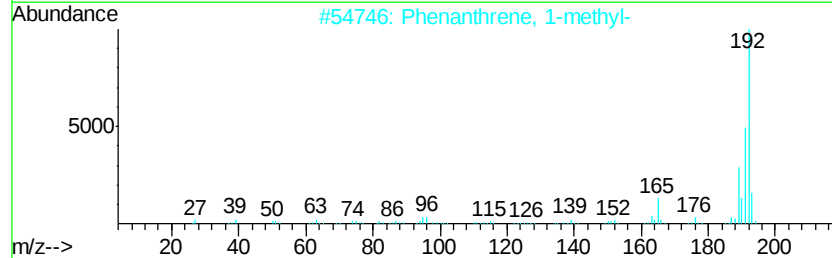
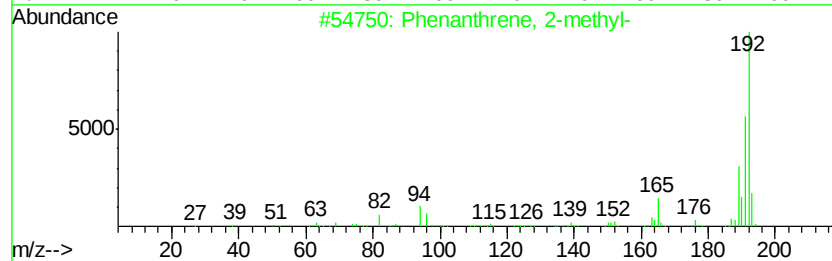
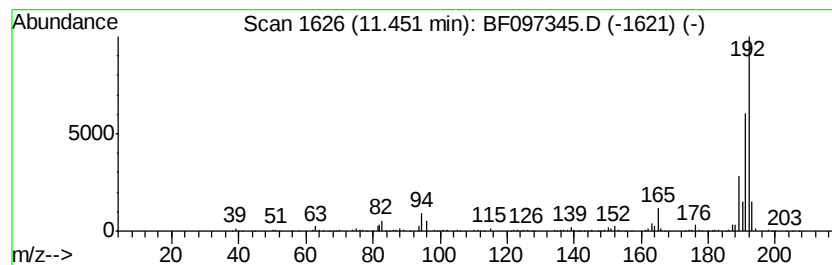
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	14.26 ng	465641	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097345.D
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Operator : SJ/JU
Sample : I4522-03
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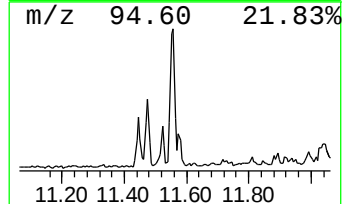
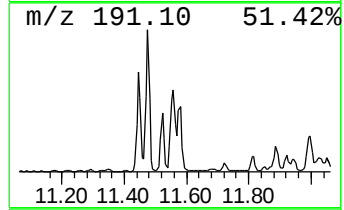
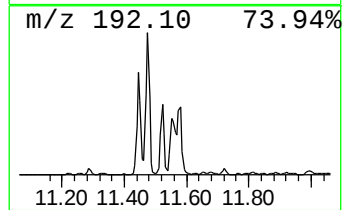
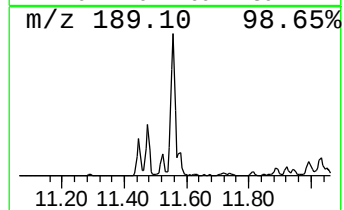
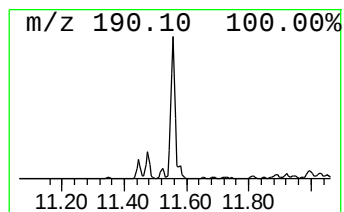
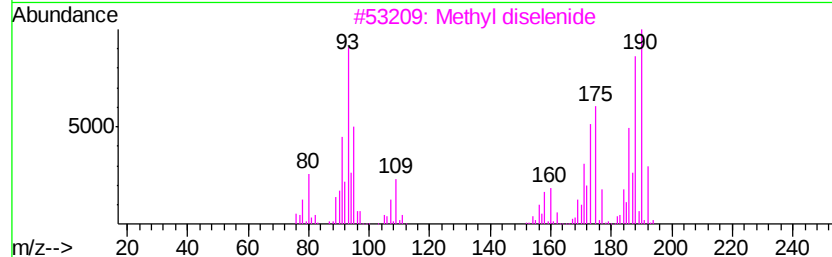
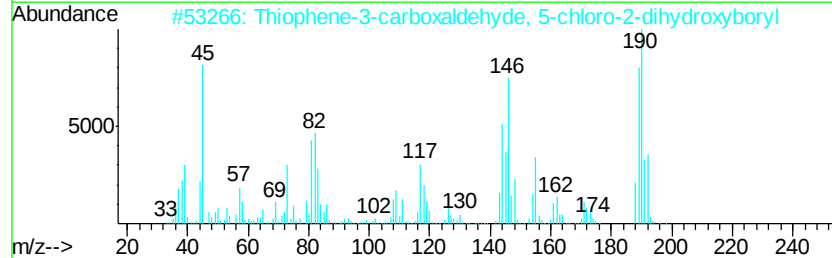
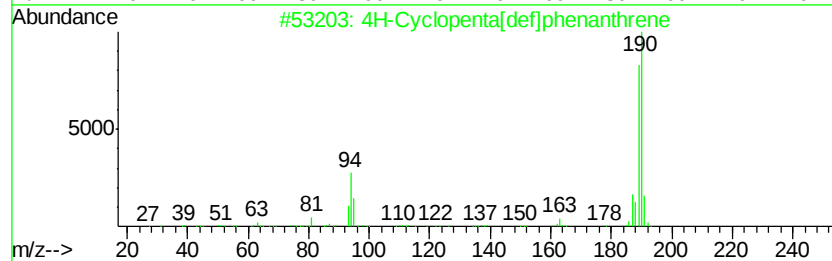
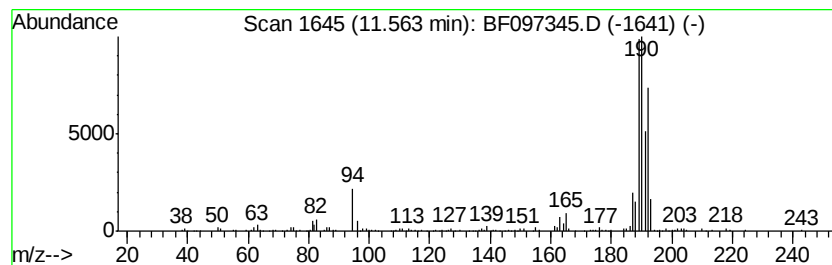
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.56	23.94 ng	781734	Phenanthrene-d10	10.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	38
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	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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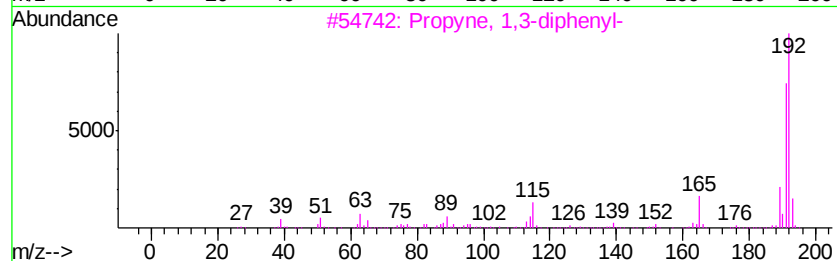
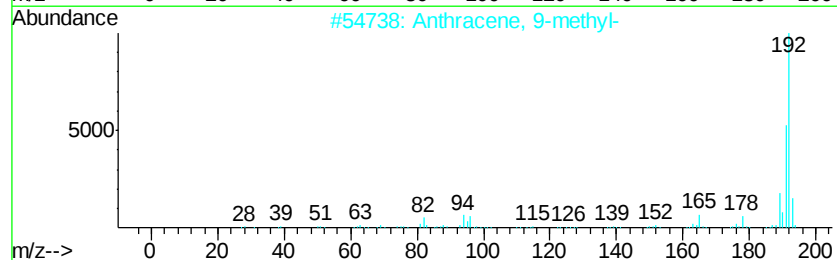
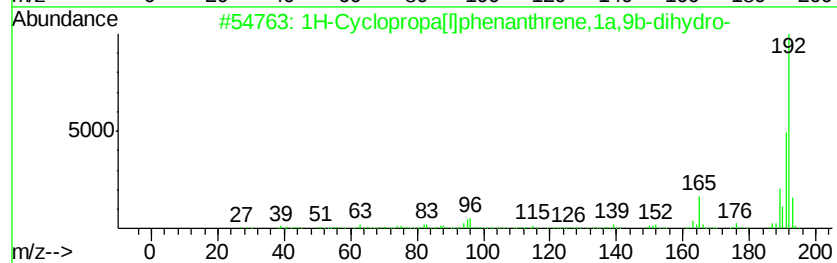
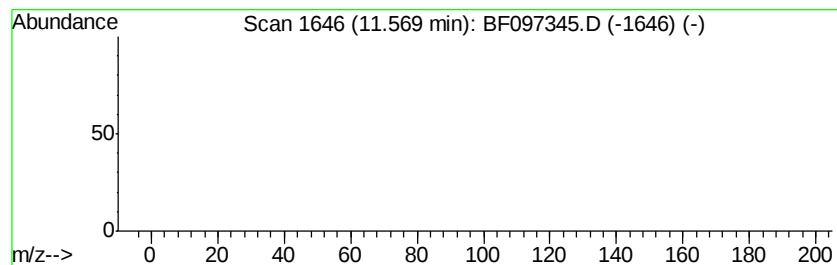
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	9.16 ng	299231	Phenanthrene-d10	10.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	81
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
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Misc :
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Instrument :
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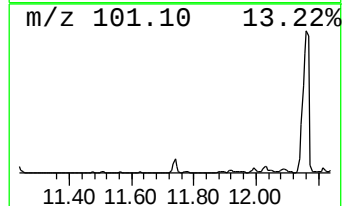
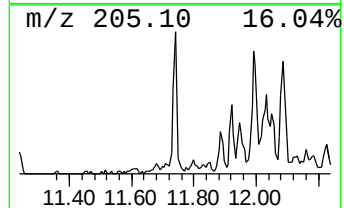
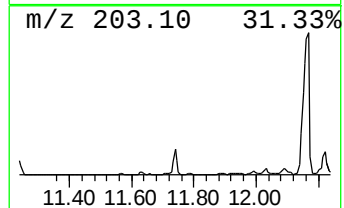
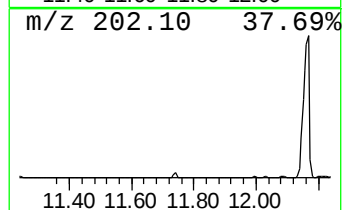
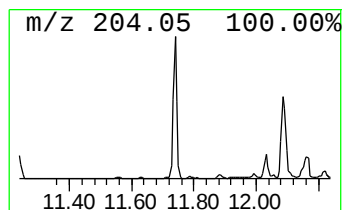
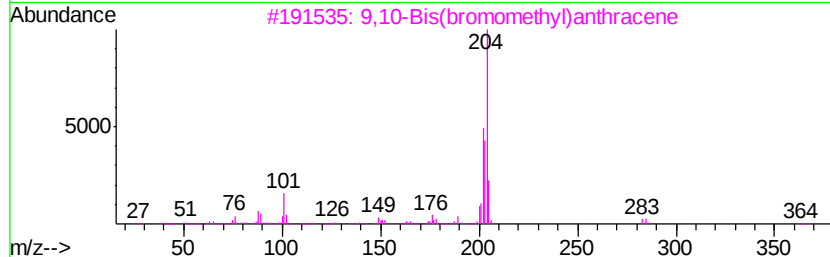
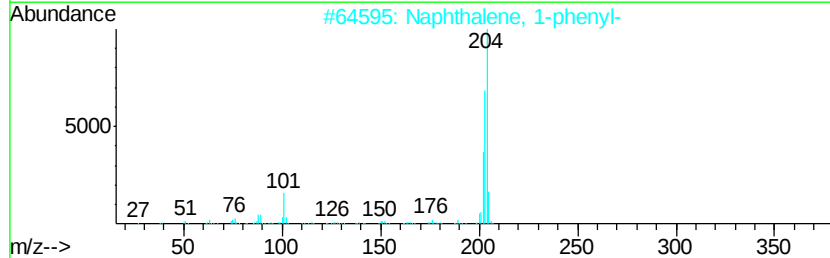
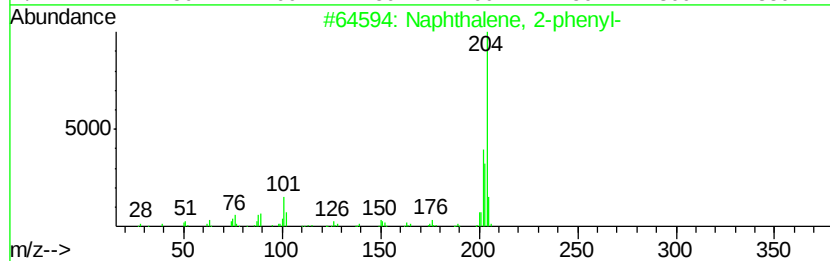
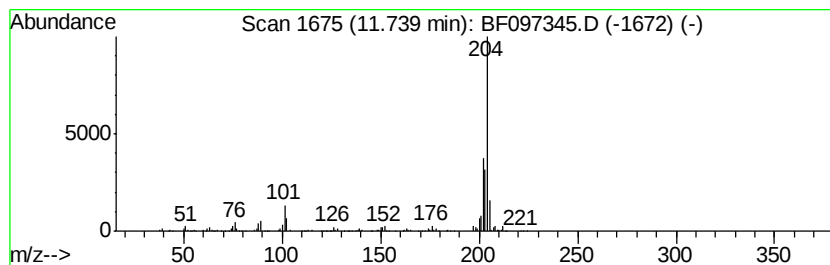
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.44 ng	275543	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	74
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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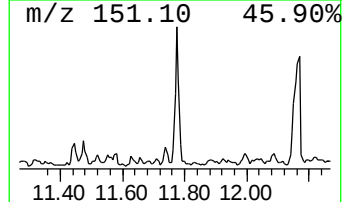
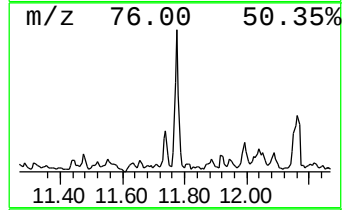
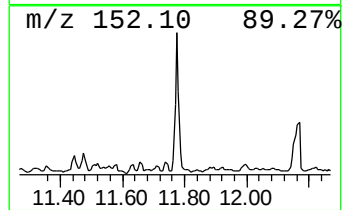
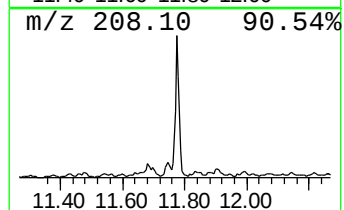
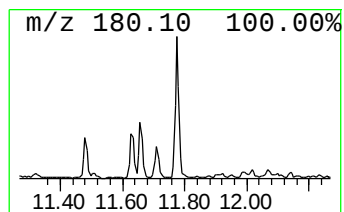
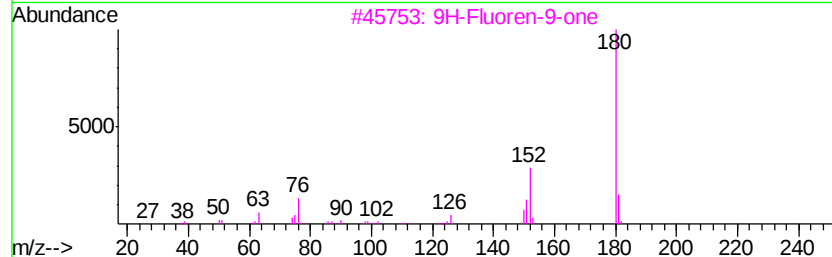
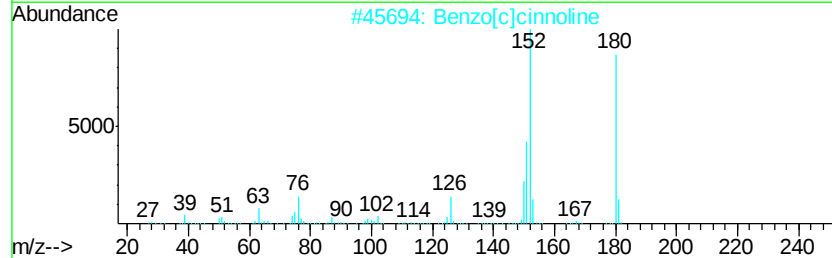
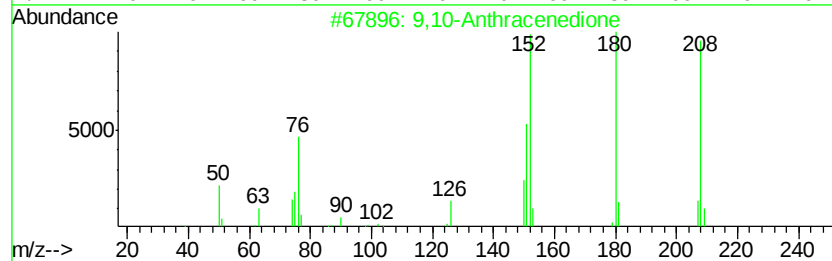
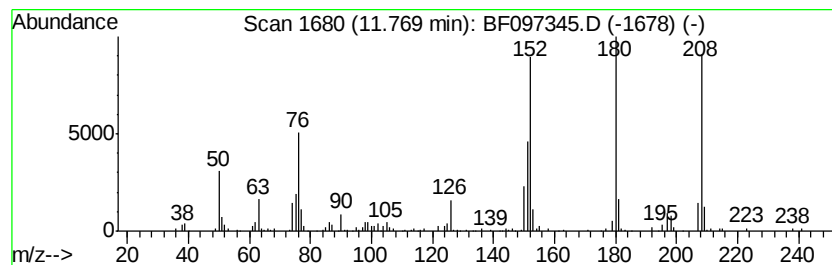
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.68 ng	250655	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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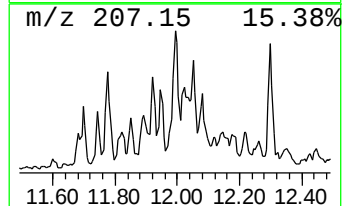
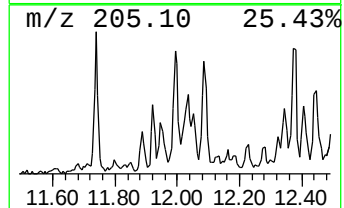
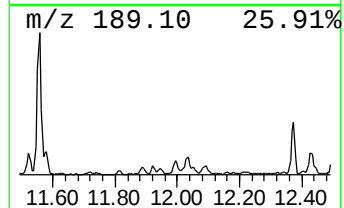
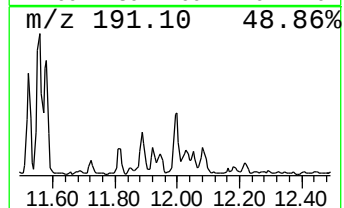
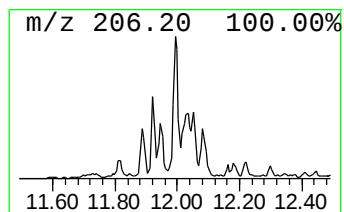
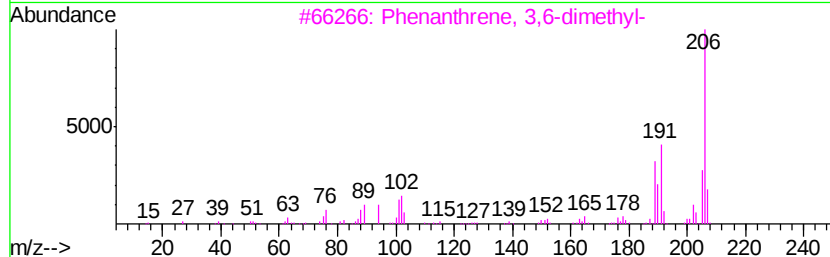
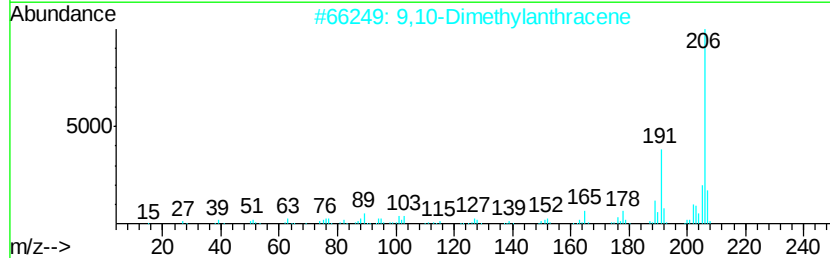
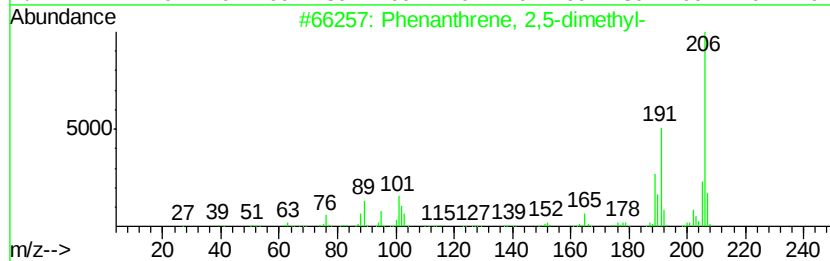
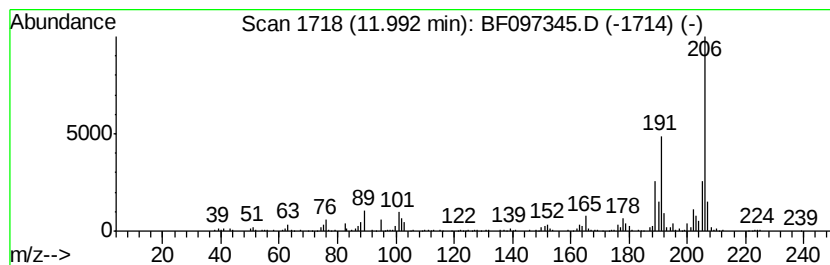
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	9.97 ng	325482	Phenanthrene-d10		10.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2

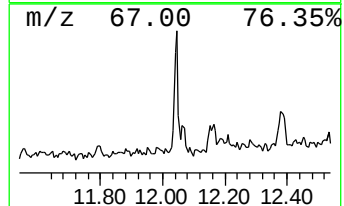
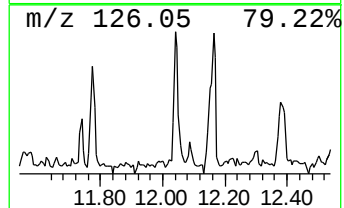
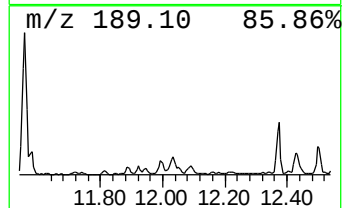
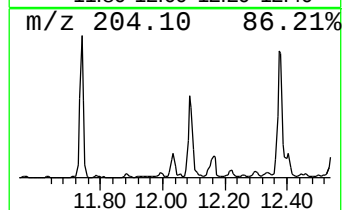
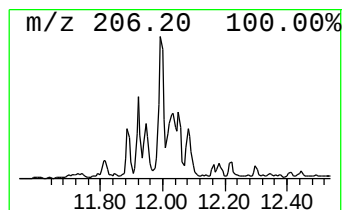
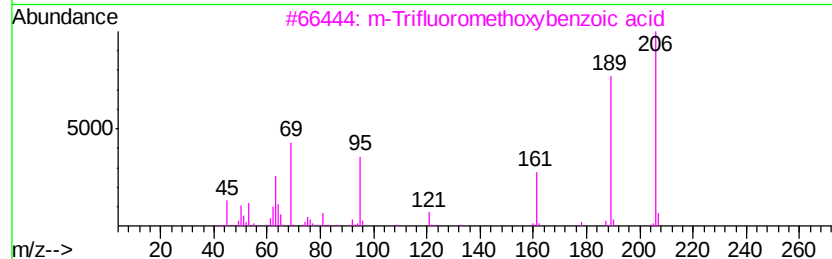
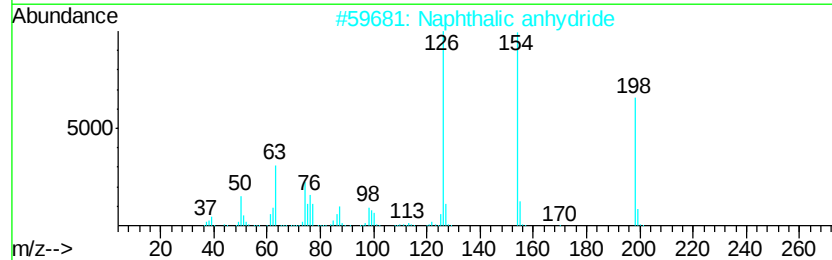
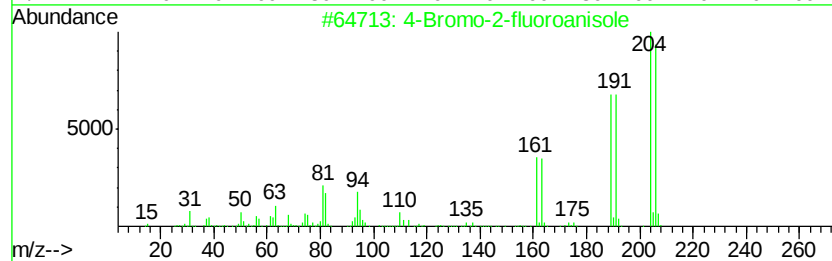
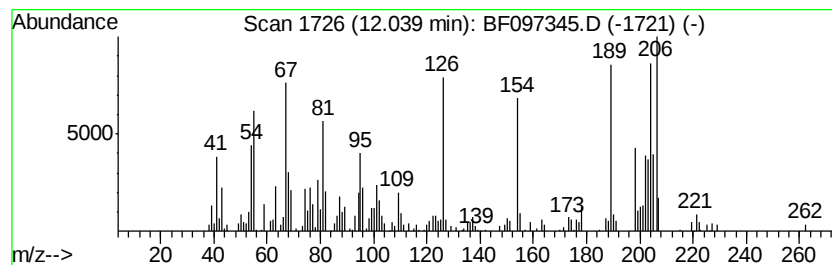
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	13.43 ng	438667	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	42
2		Naphthalic anhydride	198	C12H6O3	000081-84-5	25
3		m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	20
4		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	15
5		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2

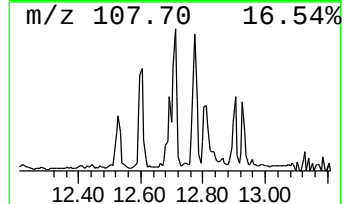
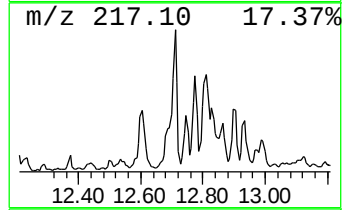
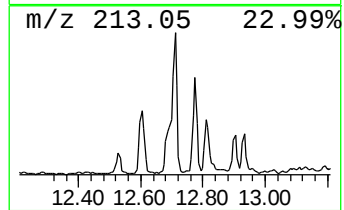
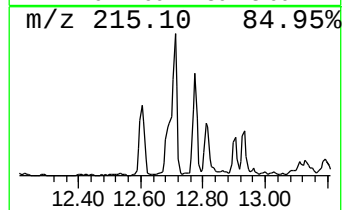
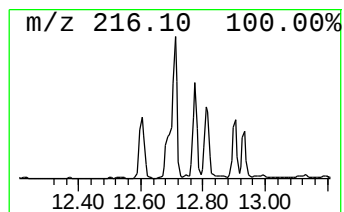
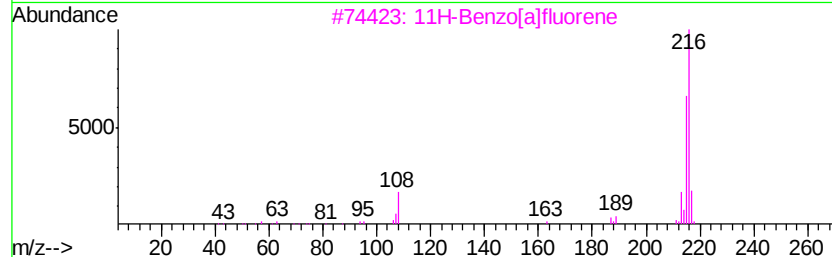
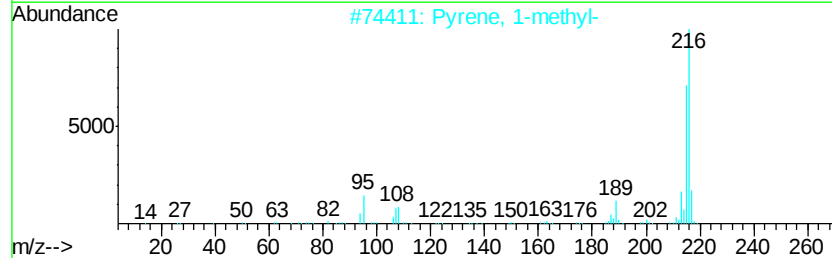
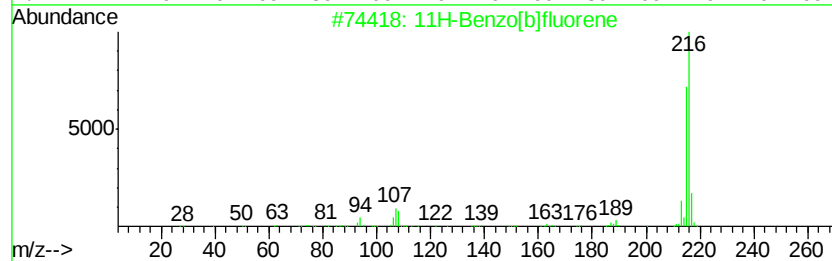
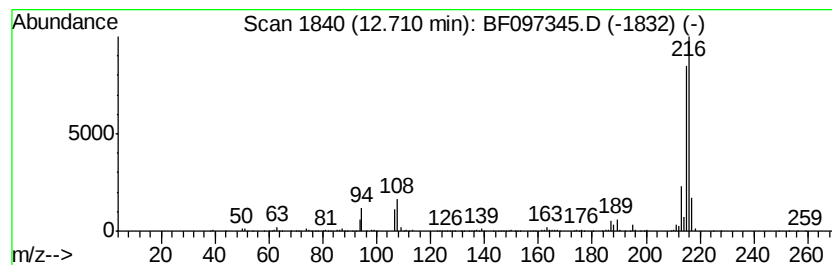
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	7.45 ng	1103890	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-SS2

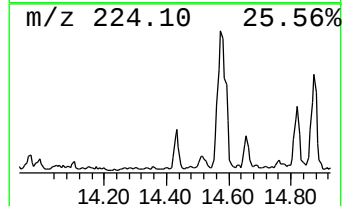
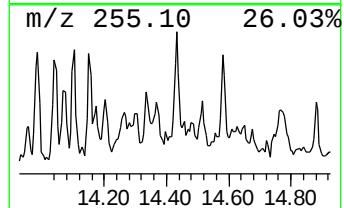
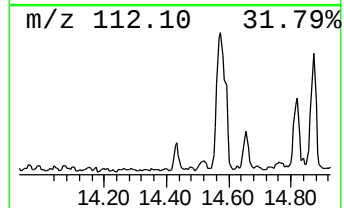
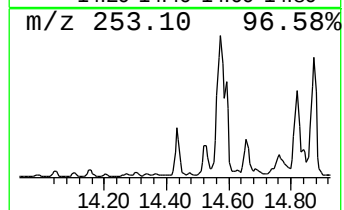
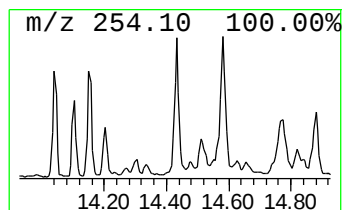
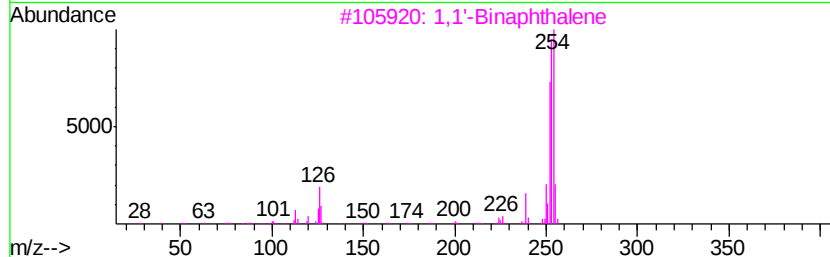
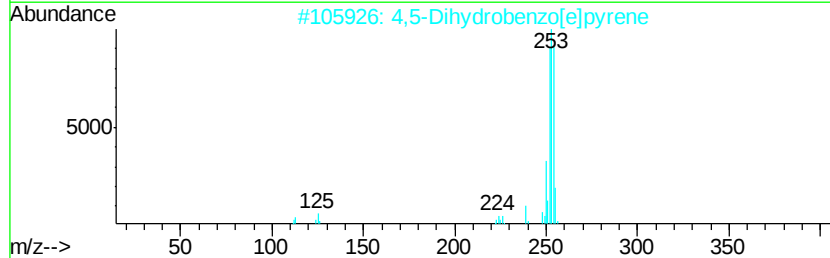
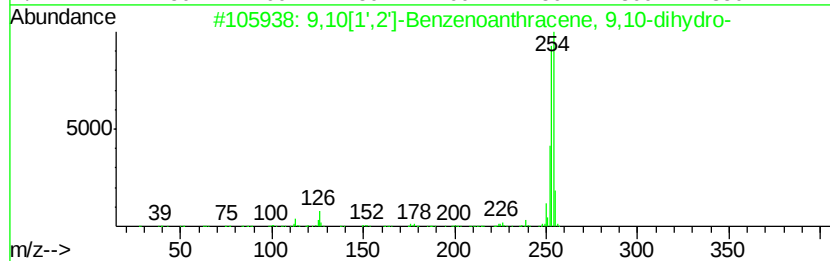
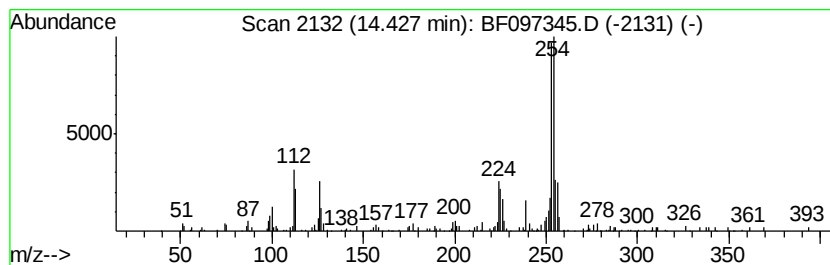
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10[1',2']-Benzenoanthracene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	10.58 ng	135742	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
2		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	70
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	70
4		4,6'-Biazulenvyl	254	C20H14	094154-49-1	68
5		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097345.D
Acq On : 4 Aug 2017 4:32
Operator : SJ/JU
Sample : I4522-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-5-SS2

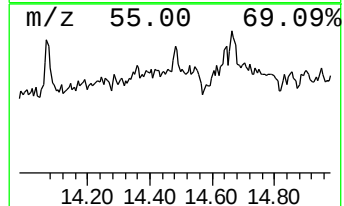
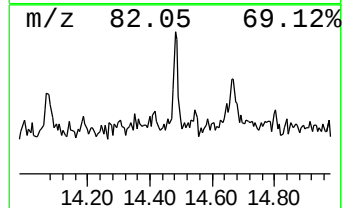
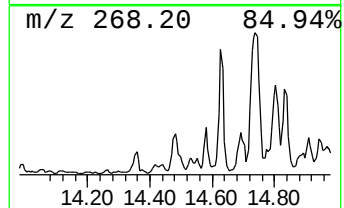
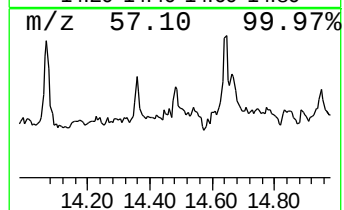
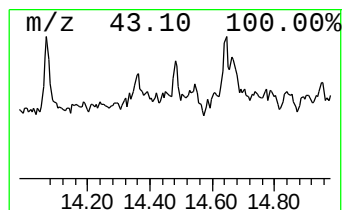
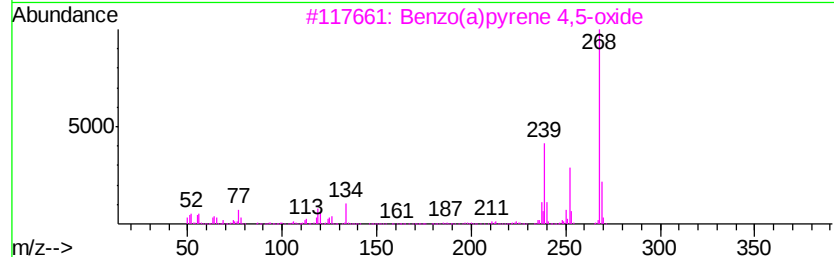
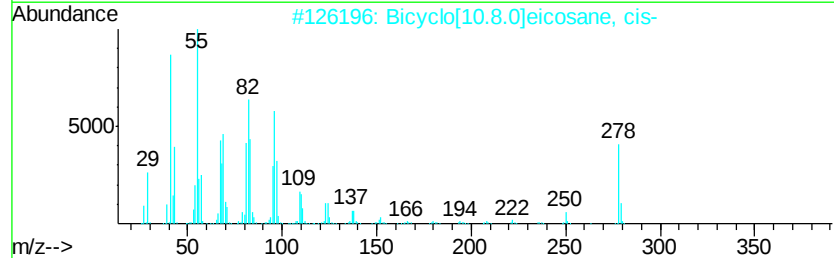
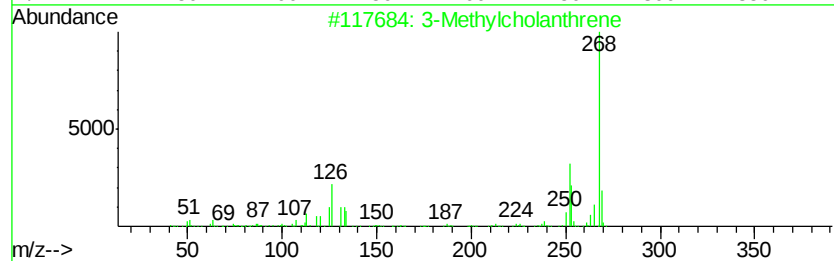
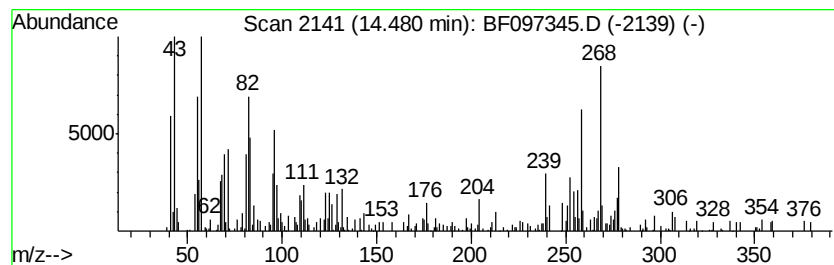
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3-Methylcholanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	7.36 ng	94425	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylcholanthrene	268	C21H16	000056-49-5	55
2		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	40
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	30
4		9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	30
5		Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
 Data File : BF097345.D
 Acq On : 4 Aug 2017 4:32
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 Sample : I4522-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.57	36.8	ng	1065240	1	6.45	578629	20.0
unknown6.23	6.23	77.8	ng	2249500	1	6.45	578629	20.0
Tridecane	10.39	8.0	ng	262662	4	10.95	653124	20.0
Dibenzothiophene	10.84	7.8	ng	253067	4	10.95	653124	20.0
Phenanthrene, 2-m...	11.45	14.3	ng	465641	4	10.95	653124	20.0
4H-Cyclopenta[def...	11.56	23.9	ng	781734	4	10.95	653124	20.0
1H-Cyclopropa[l]p...	11.57	9.2	ng	299231	4	10.95	653124	20.0
Naphthalene, 2-ph...	11.74	8.4	ng	275543	4	10.95	653124	20.0
9,10-Anthracenedione	11.77	7.7	ng	250655	4	10.95	653124	20.0
Phenanthrene, 2,5...	11.99	10.0	ng	325482	4	10.95	653124	20.0
unknown12.04	12.04	13.4	ng	438667	4	10.95	653124	20.0
Cyclopenta(def)ph...	12.09	8.7	ng	285013	4	10.95	653124	20.0
11H-Benzo[b]fluorene	12.71	7.5	ng	1103890	5	13.58	2965040	20.0
9,10[1',2']-Benze...	14.43	10.6	ng	135742	6	14.92	256547	20.0
3-Methylcholanthrene	14.48	7.4	ng	94425	6	14.92	256547	20.0