

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091317\
 Data File : BF098498.D
 Acq On : 13 Sep 2017 19:17
 Operator : SJ/JU
 Sample : I5182-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-3

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	4.834	464	467	479	rVB	267965	390689	9.52%	0.677%
2	5.263	536	540	560	rBV	4030657	3920818	95.55%	6.797%
3	6.310	713	718	730	rBV	3652874	4103615	100.00%	7.114%
4	6.428	734	738	741	rBV	4382707	3930844	95.79%	6.814%
5	6.657	773	777	784	rBV	1192024	1096929	26.73%	1.902%
6	6.810	799	803	807	rBV	3489035	3033817	73.93%	5.259%
7	7.228	869	874	877	rBV	2530671	2520070	61.41%	4.369%
8	7.939	990	995	997	rBV	1712318	1468117	35.78%	2.545%
9	7.957	997	998	1001	rVB	103906	76033	1.85%	0.132%
10	8.651	1113	1116	1119	rVB	79393	60149	1.47%	0.104%
11	8.745	1127	1132	1135	rBV	72768	62646	1.53%	0.109%
12	9.016	1172	1178	1181	rBV	4661084	4000216	97.48%	6.935%
13	9.098	1187	1192	1193	rBV	63802	55788	1.36%	0.097%
14	9.351	1231	1235	1237	rBV	73194	75984	1.85%	0.132%
15	9.410	1242	1245	1248	rVV	574462	449138	10.94%	0.779%
16	9.551	1266	1269	1273	rVB	113290	101271	2.47%	0.176%
17	9.628	1278	1282	1285	rBV	98050	83178	2.03%	0.144%
18	9.686	1286	1292	1295	rBV2	1754325	1508114	36.75%	2.614%
19	9.716	1295	1297	1301	rVB	160295	158763	3.87%	0.275%
20	9.845	1314	1319	1324	rBV5	41645	70724	1.72%	0.123%
21	9.892	1324	1327	1330	rVV	131004	126443	3.08%	0.219%
22	9.933	1332	1334	1340	rVB3	38838	56523	1.38%	0.098%
23	10.092	1358	1361	1363	rBV2	53745	61732	1.50%	0.107%
24	10.122	1363	1366	1369	rVB	138316	115760	2.82%	0.201%
25	10.233	1381	1385	1391	rVB2	149440	162732	3.97%	0.282%
26	10.298	1391	1396	1398	rBV3	45085	60461	1.47%	0.105%
27	10.345	1401	1404	1409	rVV3	92321	117600	2.87%	0.204%
28	10.392	1409	1412	1415	rVB	93545	87519	2.13%	0.152%
29	10.475	1420	1426	1430	rBV	2051756	2046501	49.87%	3.548%
30	10.539	1435	1437	1443	rVV	98915	112902	2.75%	0.196%
31	10.592	1443	1446	1454	rVB2	174123	246280	6.00%	0.427%
32	10.780	1471	1478	1481	rBV3	73494	114045	2.78%	0.198%
33	10.910	1494	1500	1502	rBV4	68849	87174	2.12%	0.151%
34	10.980	1509	1512	1515	rVB2	96908	87220	2.13%	0.151%

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35	11.039	1515	1522	1524	rBV3	145458	208941	5.09%	0.362%
36	11.063	1524	1526	1531	rVB	104886	108483	2.64%	0.188%
37	11.169	1540	1544	1546	rBV	1454035	1303022	31.75%	2.259%
38	11.192	1546	1548	1551	rVV	1771219	1418316	34.56%	2.459%
39	11.245	1551	1557	1560	rVV	447155	419408	10.22%	0.727%
40	11.280	1560	1563	1566	rVV2	56121	63325	1.54%	0.110%
41	11.404	1577	1584	1592	rBV2	137487	227028	5.53%	0.394%
42	11.463	1592	1594	1598	rVV2	123663	128909	3.14%	0.223%
43	11.498	1598	1600	1606	rVV3	46508	82268	2.00%	0.143%
44	11.580	1609	1614	1619	rVB3	30797	59000	1.44%	0.102%
45	11.669	1625	1629	1631	rBV	292706	237977	5.80%	0.413%
46	11.698	1631	1634	1637	rVB	387167	318207	7.75%	0.552%
47	11.745	1638	1642	1645	rBV2	159715	166991	4.07%	0.289%
48	11.780	1645	1648	1650	rVV	401501	412686	10.06%	0.715%
49	11.804	1650	1652	1656	rVB	193981	167865	4.09%	0.291%
50	11.874	1662	1664	1667	rVB2	72998	62004	1.51%	0.107%
51	11.963	1676	1679	1682	rBV	193179	157293	3.83%	0.273%
52	11.998	1682	1685	1688	rVB	115191	101236	2.47%	0.175%
53	12.110	1699	1704	1707	rBV2	91116	109054	2.66%	0.189%
54	12.145	1707	1710	1712	rVV	82765	73369	1.79%	0.127%
55	12.216	1719	1722	1725	rVV	321201	315287	7.68%	0.547%
56	12.257	1725	1729	1734	rVV4	157865	256035	6.24%	0.444%
57	12.304	1734	1737	1744	rVB2	139890	159528	3.89%	0.277%
58	12.380	1746	1750	1753	rVV	2441063	2117456	51.60%	3.671%
59	12.527	1771	1775	1778	rVV2	95263	115781	2.82%	0.201%
60	12.610	1781	1789	1791	rVV	2095446	2327849	56.73%	4.035%
61	12.627	1791	1792	1795	rVV2	103783	81567	1.99%	0.141%
62	12.657	1795	1797	1803	rVB2	128999	148822	3.63%	0.258%
63	12.727	1805	1809	1810	rBV	126349	143835	3.51%	0.249%
64	12.751	1810	1813	1820	rVB	2804106	2663246	64.90%	4.617%
65	12.821	1821	1825	1829	rBV2	157666	270131	6.58%	0.468%
66	12.910	1837	1840	1842	rBV3	138156	177124	4.32%	0.307%
67	12.933	1842	1844	1847	rVB	295768	260434	6.35%	0.451%
68	12.969	1847	1850	1851	rBV	56601	59107	1.44%	0.102%
69	12.998	1852	1855	1858	rVB	184260	174352	4.25%	0.302%
70	13.039	1858	1862	1864	rBV	237739	279972	6.82%	0.485%
71	13.127	1874	1877	1880	rVB2	144982	129503	3.16%	0.224%

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72	13.163	1880	1883	1886	rBV2	133115	158242	3.86%	0.274%
73	13.233	1892	1895	1901	rVB3	146707	195426	4.76%	0.339%
74	13.280	1901	1903	1906	rBV	70392	61333	1.49%	0.106%
75	13.327	1906	1911	1914	rBV6	97846	153532	3.74%	0.266%
76	13.357	1914	1916	1919	rVB	86847	73727	1.80%	0.128%
77	13.416	1924	1926	1928	rBV3	46005	53555	1.31%	0.093%
78	13.445	1928	1931	1935	rVB	200169	192610	4.69%	0.334%
79	13.551	1946	1949	1951	rBV	183323	157337	3.83%	0.273%
80	13.574	1951	1953	1956	rVV	180048	167658	4.09%	0.291%
81	13.604	1956	1958	1959	rVV	142984	119734	2.92%	0.208%
82	13.651	1963	1966	1970	rVB	356213	345014	8.41%	0.598%
83	13.798	1984	1991	1994	rBV2	1484231	2379145	57.98%	4.124%
84	13.827	1994	1996	2004	rVB	1039085	984320	23.99%	1.706%
85	13.904	2007	2009	2012	rVB	170378	144233	3.51%	0.250%
86	14.033	2029	2031	2033	rVB	85459	63420	1.55%	0.110%
87	14.151	2048	2051	2053	rBV2	94080	82093	2.00%	0.142%
88	14.186	2053	2057	2060	rVV	248221	271742	6.62%	0.471%
89	14.221	2061	2063	2067	rVB3	108228	94142	2.29%	0.163%
90	14.310	2076	2078	2080	rBV	102730	96485	2.35%	0.167%
91	14.333	2080	2082	2085	rVB2	106480	82106	2.00%	0.142%
92	14.498	2108	2110	2114	rBV3	102064	116829	2.85%	0.203%
93	14.663	2136	2138	2141	rBV2	105742	99046	2.41%	0.172%
94	14.810	2159	2163	2171	rBV	957657	1760641	42.90%	3.052%
95	14.910	2177	2180	2184	rBV	204551	185495	4.52%	0.322%
96	15.086	2207	2210	2216	rVB	563020	679204	16.55%	1.177%
97	15.145	2216	2220	2225	rBV	831925	961236	23.42%	1.666%
98	15.204	2226	2230	2233	rBV	770528	921913	22.47%	1.598%
99	16.539	2453	2457	2464	rVB	268079	475629	11.59%	0.825%
100	16.945	2521	2526	2538	rVB	220513	454028	11.06%	0.787%

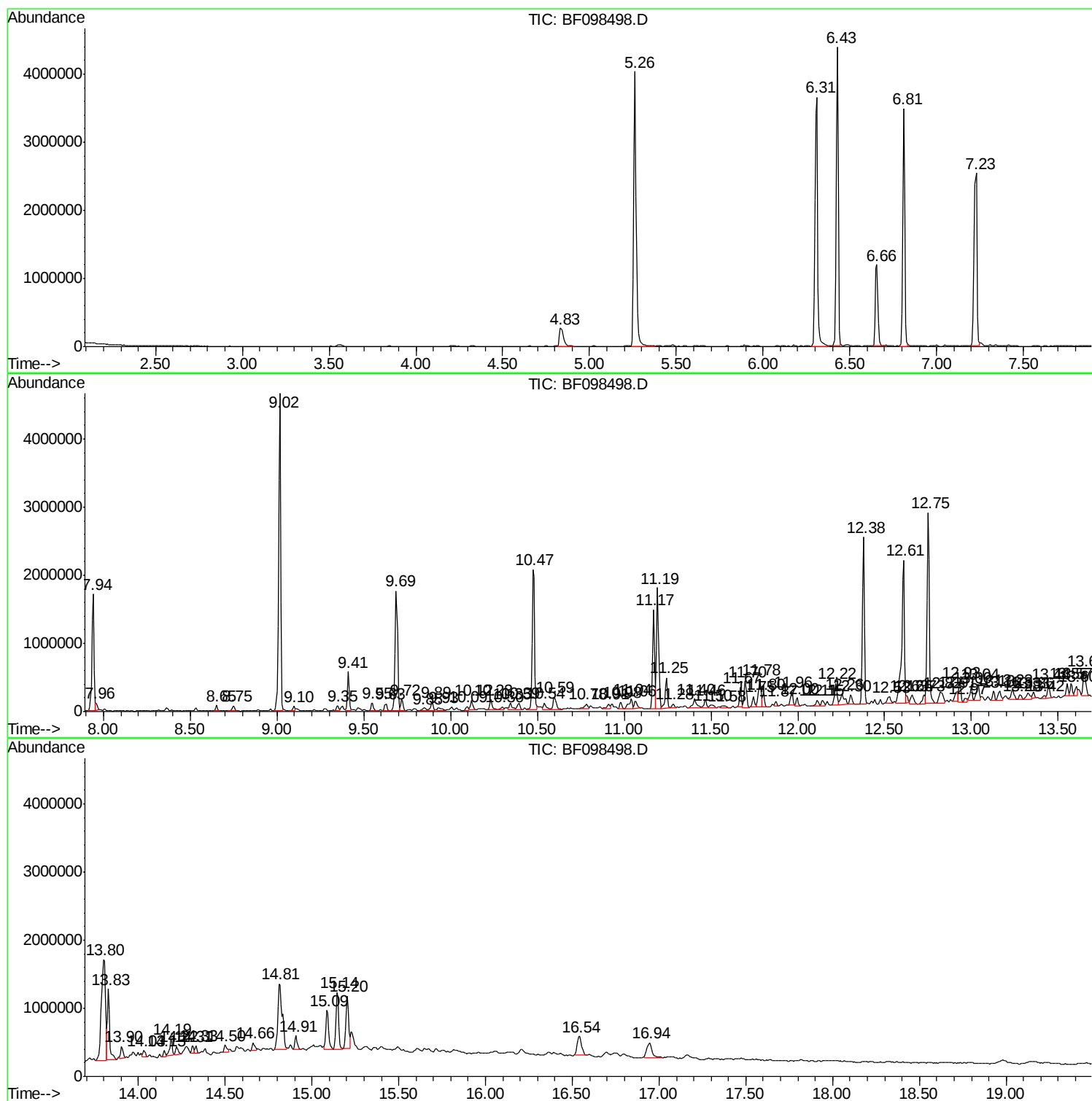
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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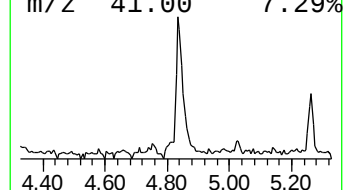
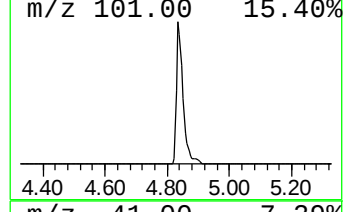
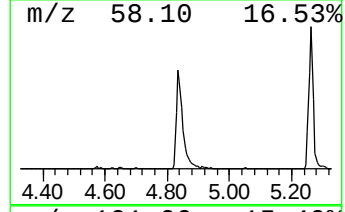
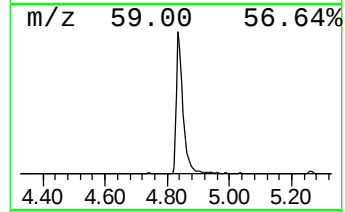
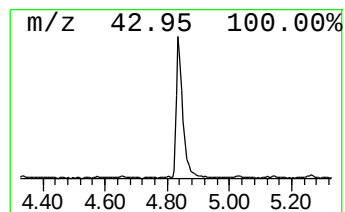
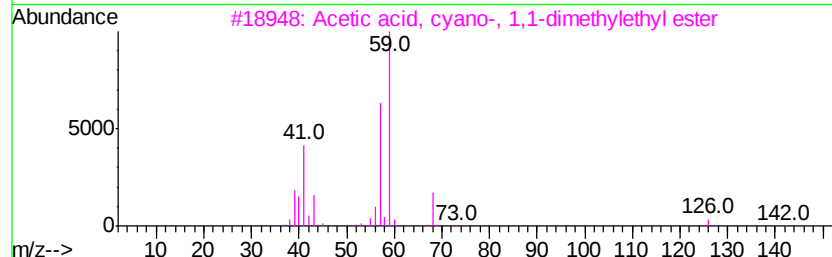
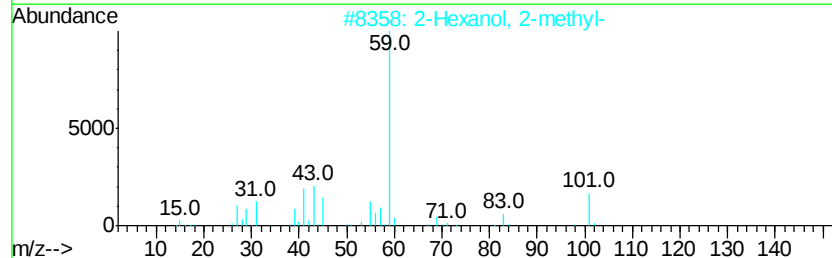
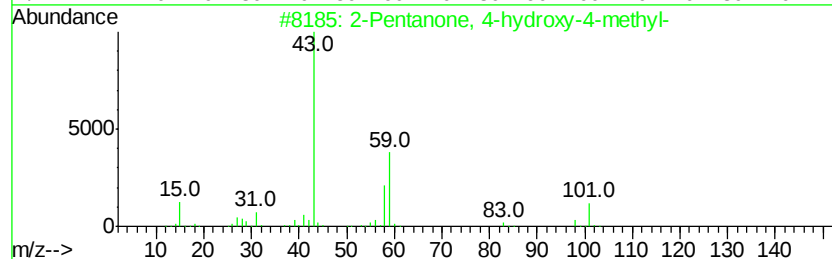
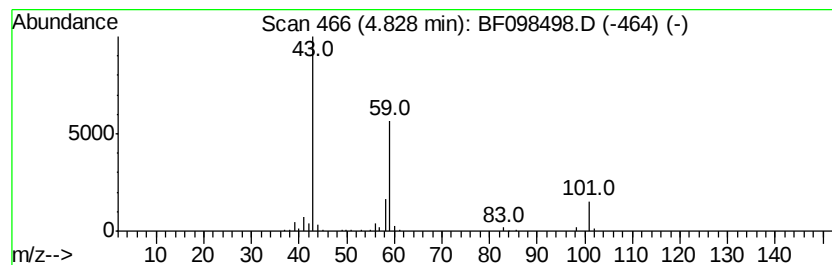
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	7.12 ng	390689	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5			Acetone	58	C3H6O	000067-64-1	9



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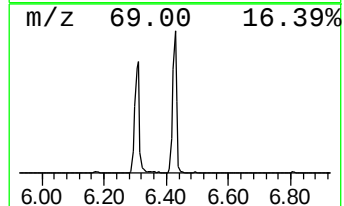
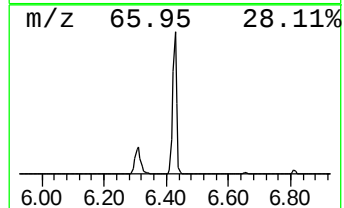
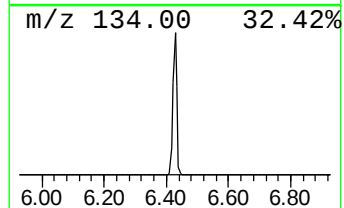
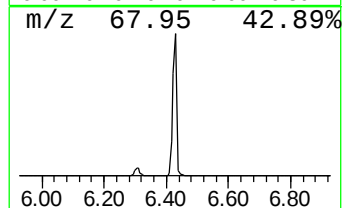
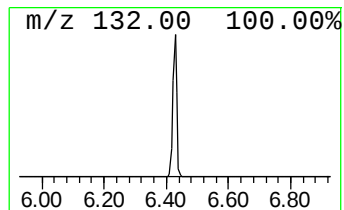
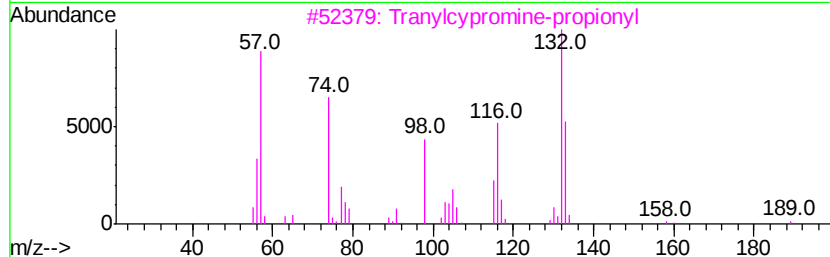
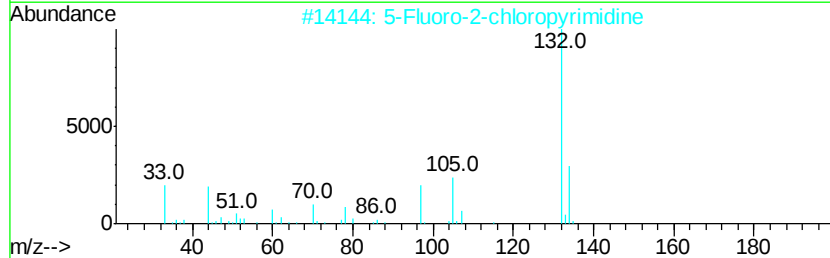
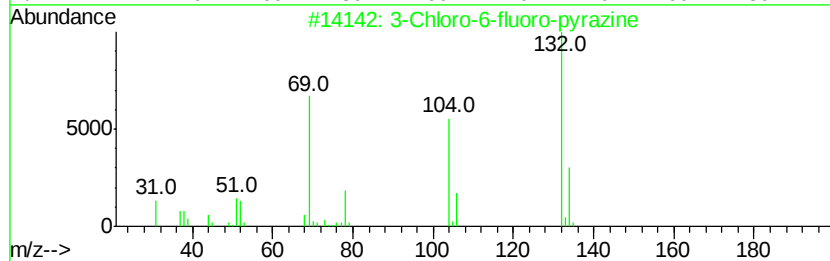
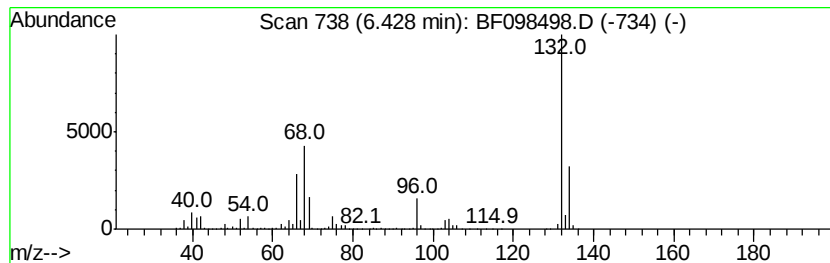
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	71.67 ng	3930840	1,4-Dichlorobenzene-d4	6.66

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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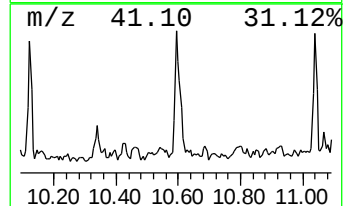
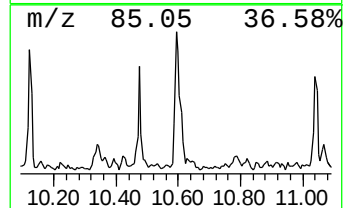
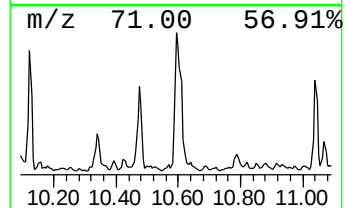
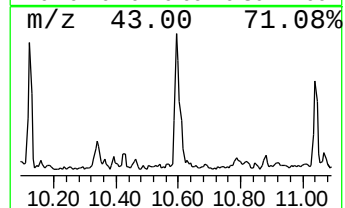
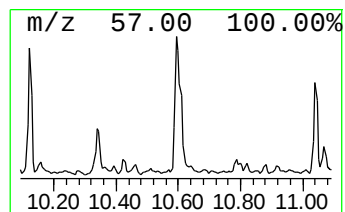
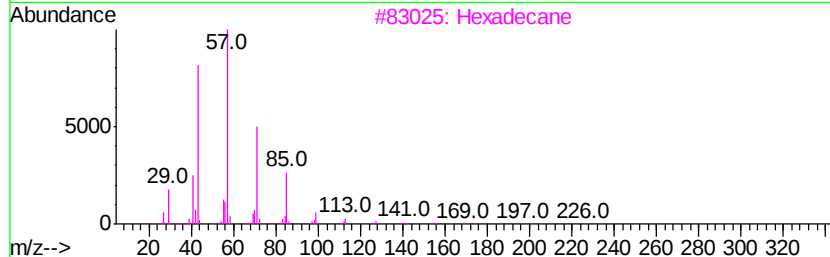
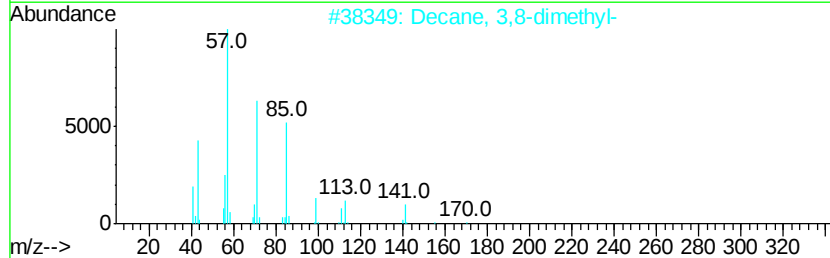
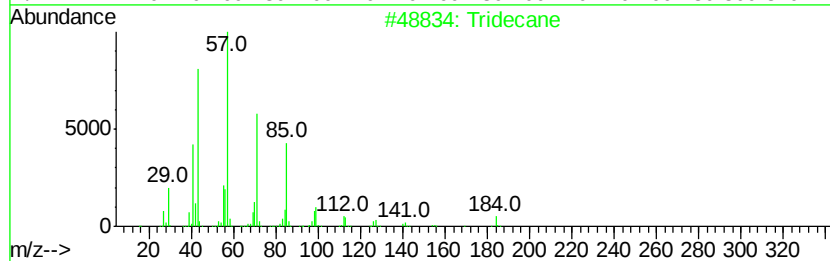
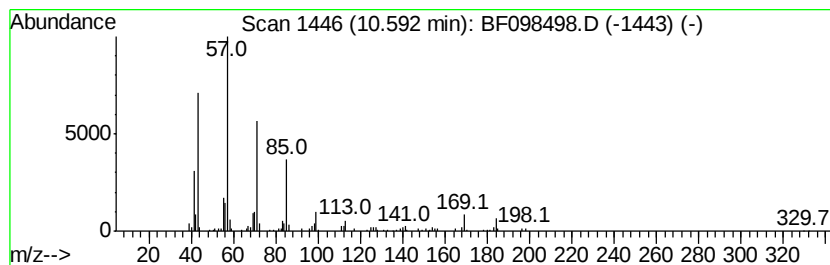
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Peak Number 4 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.78 ng	246280	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	81
3	Hexadecane		226	C16H34	000544-76-3	80
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	80
5	Undecane, 3-methyl-		170	C12H26	001002-43-3	72



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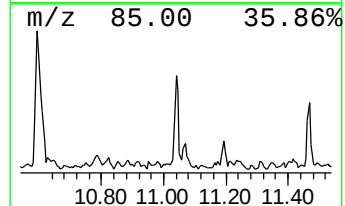
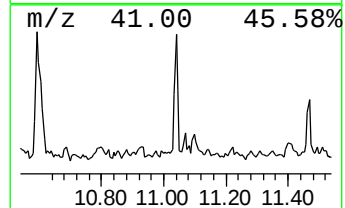
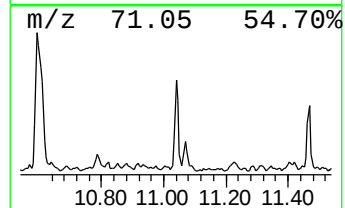
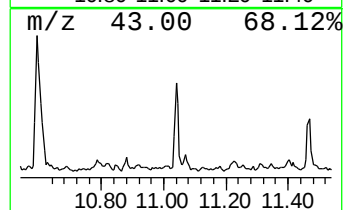
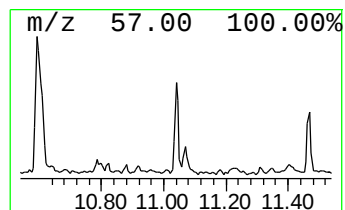
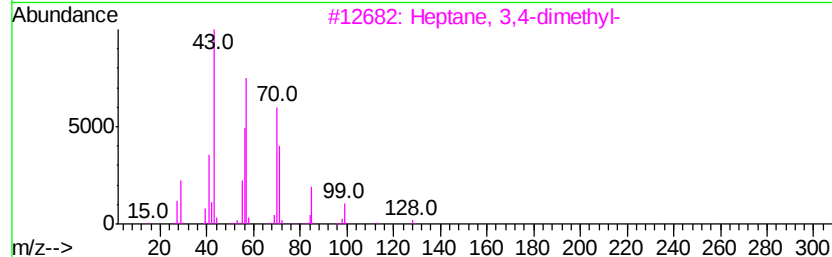
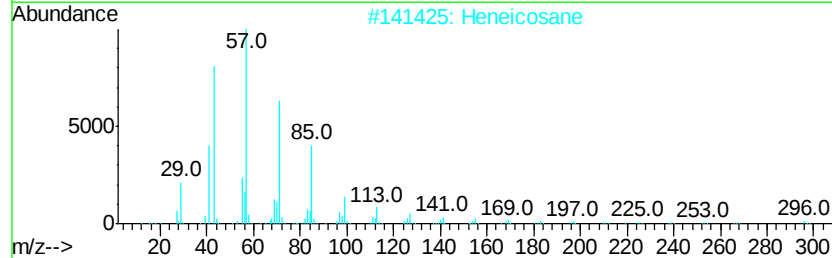
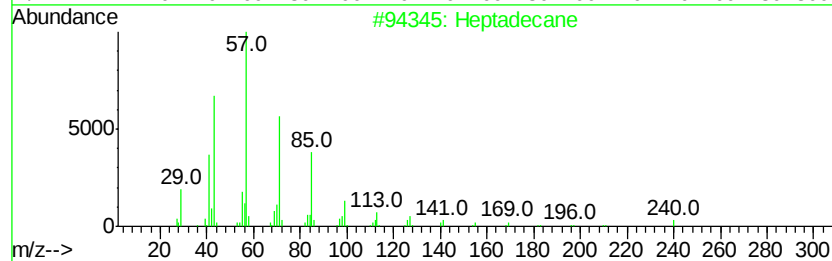
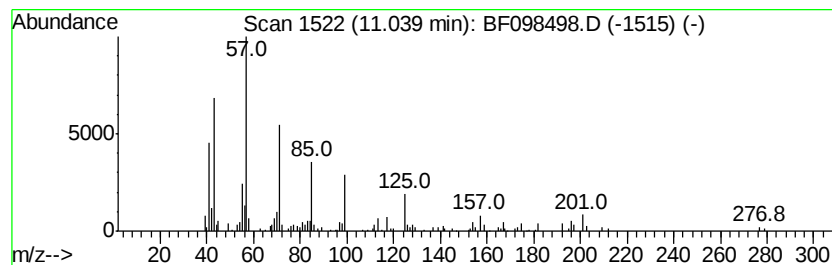
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	3.21 ng	208941	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	52
2	Heneicosane		296	C21H44	000629-94-7	52
3	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	52
4	Octadecane		254	C18H38	000593-45-3	52
5	Tetradecane		198	C14H30	000629-59-4	49



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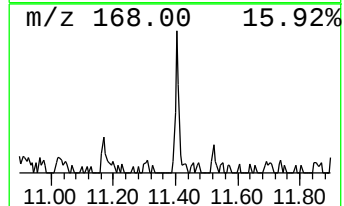
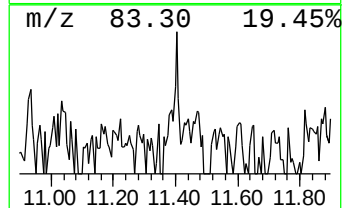
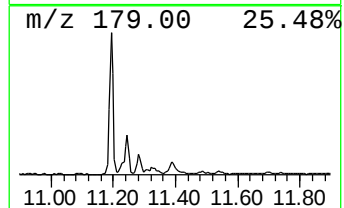
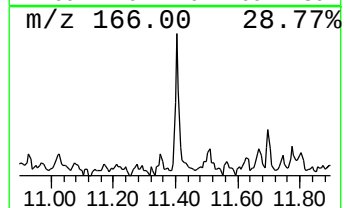
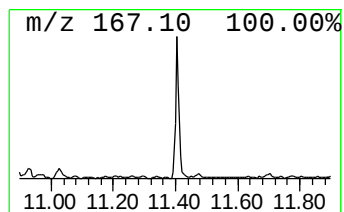
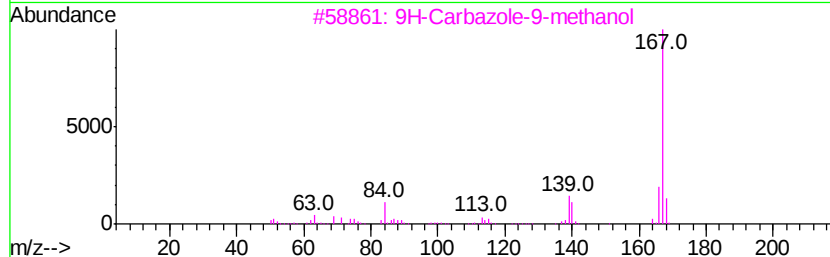
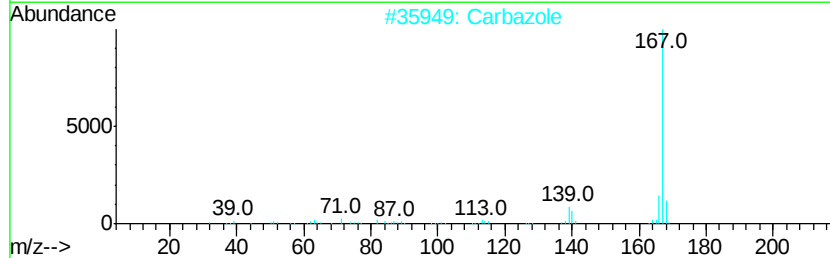
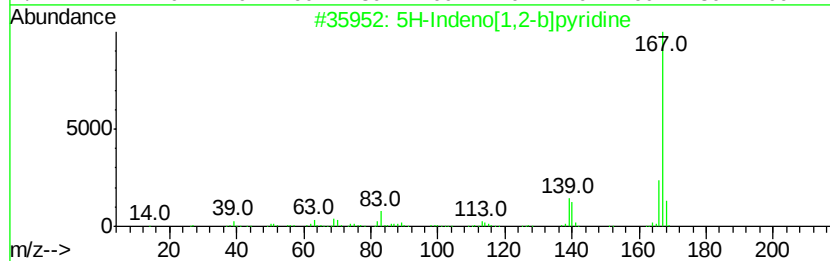
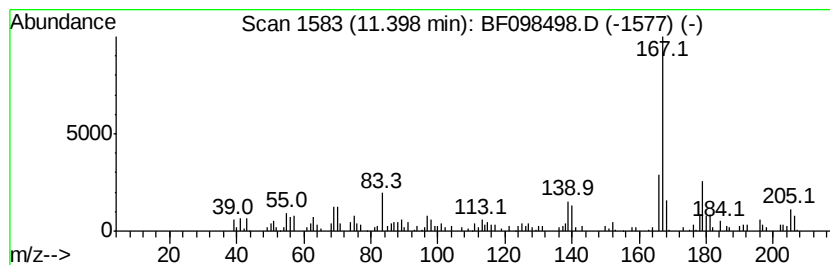
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.40	3.48 ng	227028	Phenanthrene-d10		11.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pvridine	167	C12H9N	000244-99-5	93
2	Carbazole	167	C12H9N	000086-74-8	90
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	2-Azafluorene	167	C12H9N	000244-40-6	78
5	1H-Benzotriazole, 1-phenyl-	195	C12H9N3	000883-39-6	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098498.D
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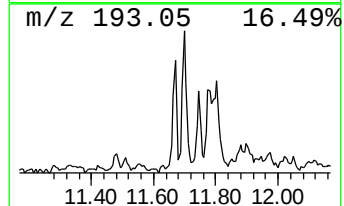
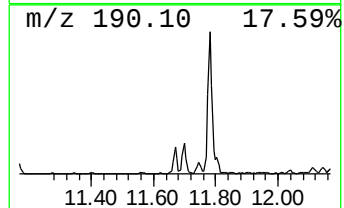
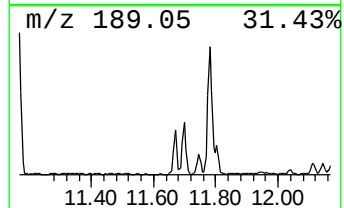
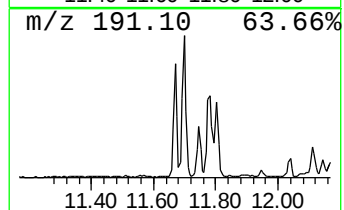
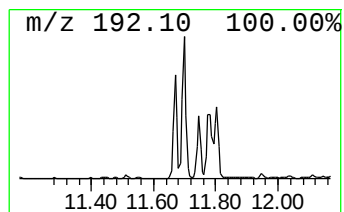
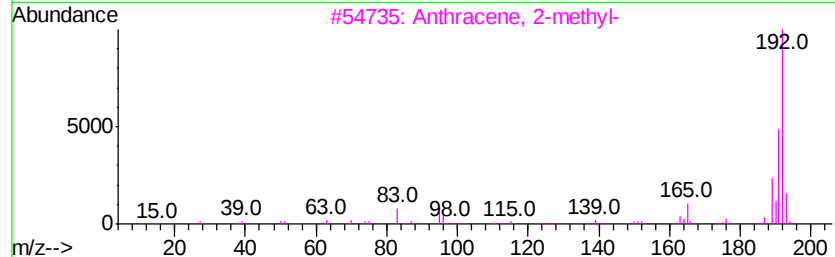
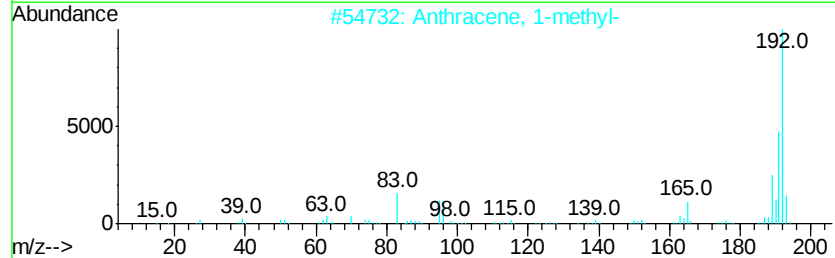
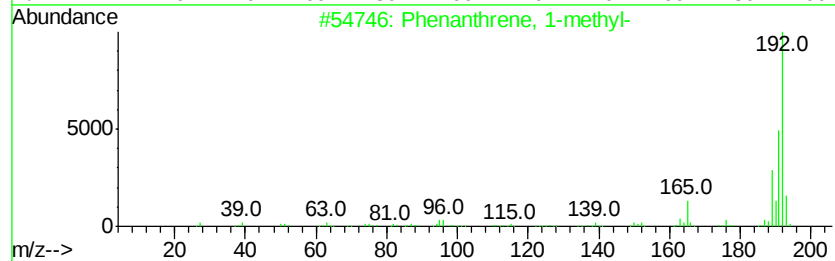
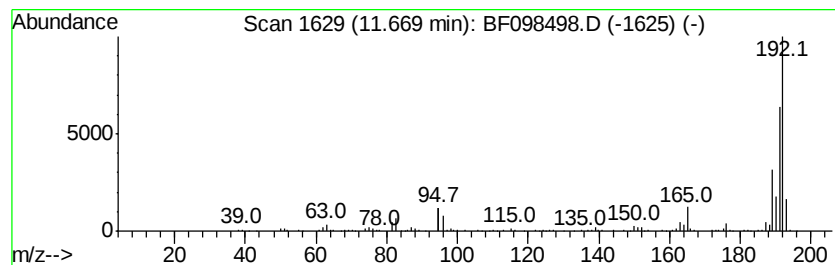
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	3.65 ng	237977	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
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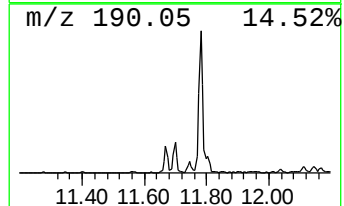
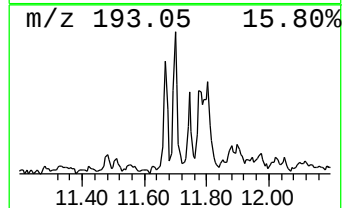
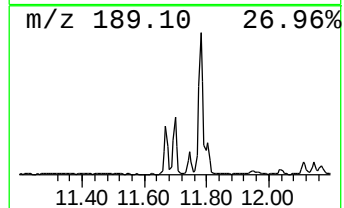
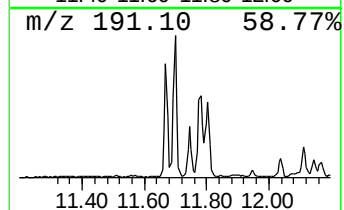
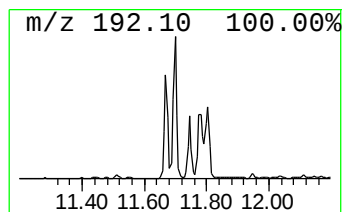
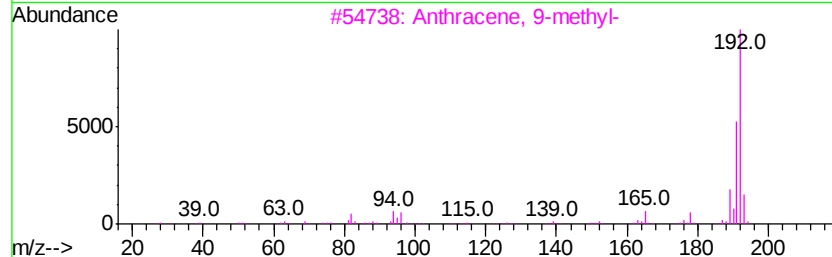
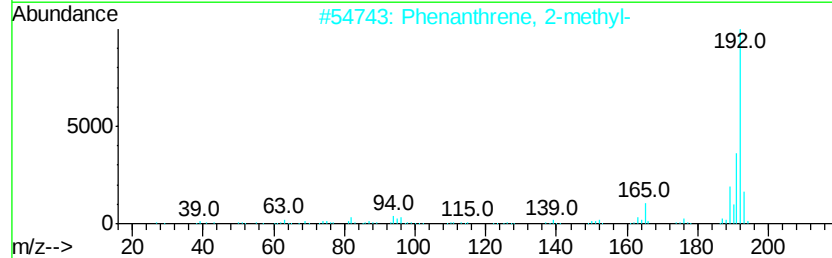
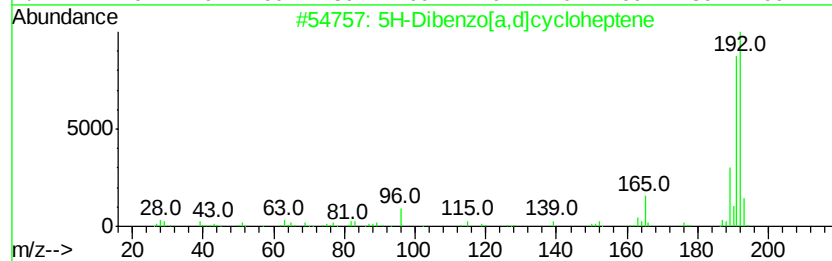
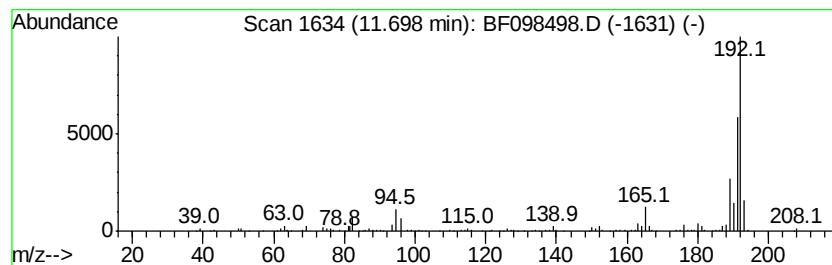
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.88 ng	318207	Phenanthrene-d10	11.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



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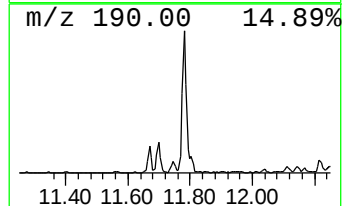
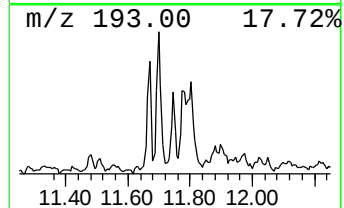
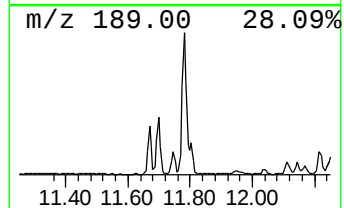
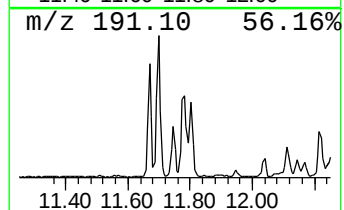
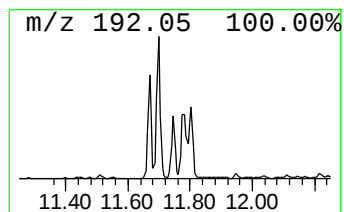
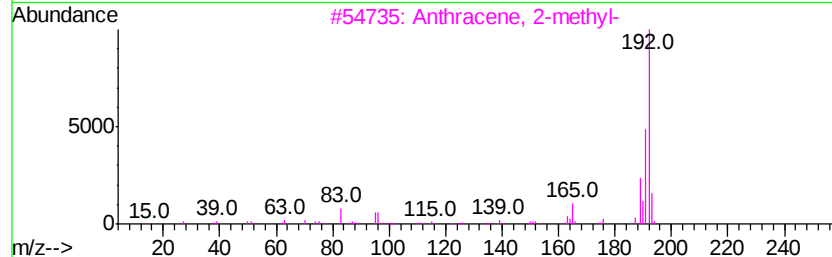
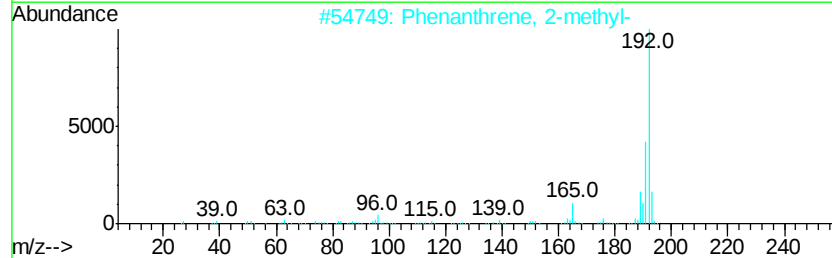
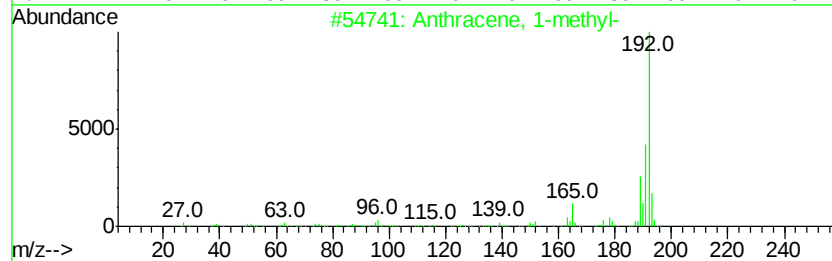
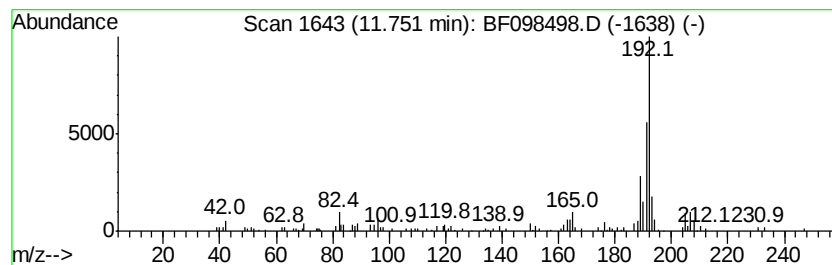
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 9 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.56 ng	166991	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91



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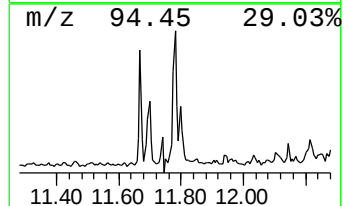
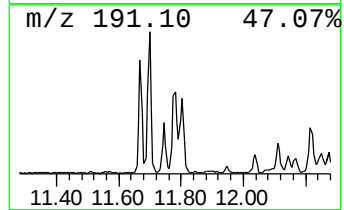
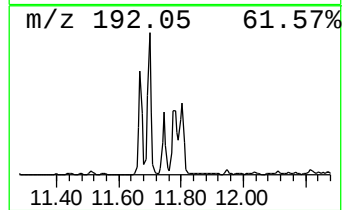
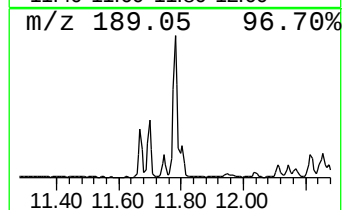
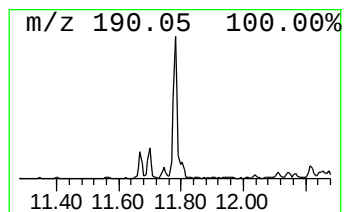
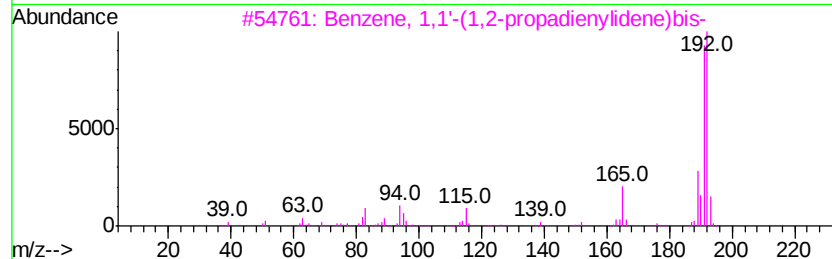
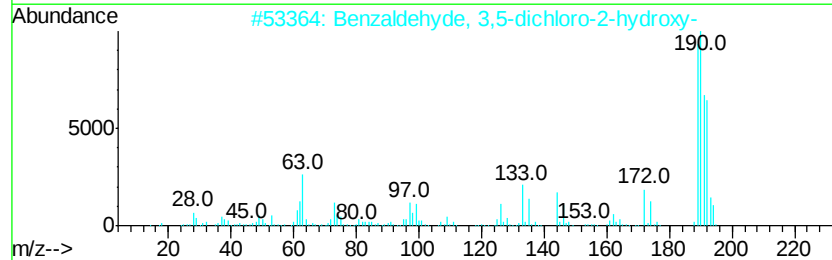
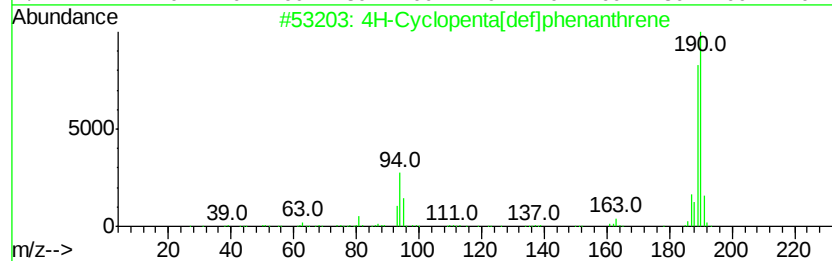
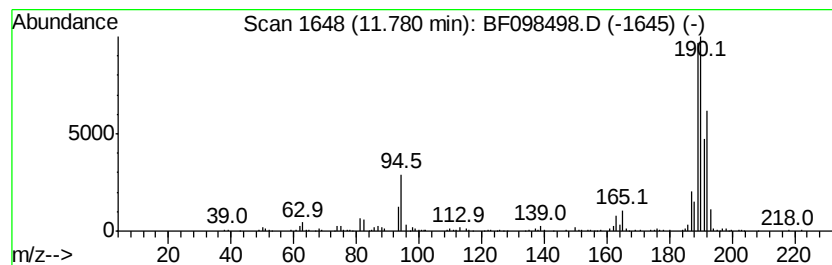
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	6.33 ng	412686	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	59
3		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18
5		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14



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ALS Vial : 16 Sample Multiplier: 1

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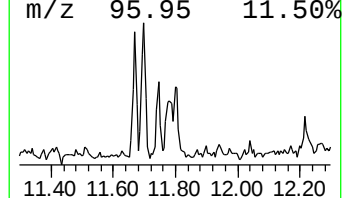
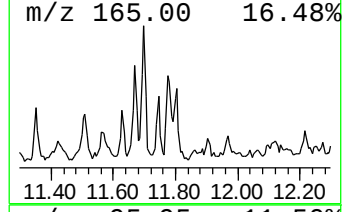
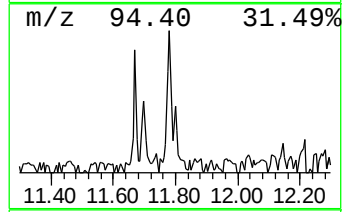
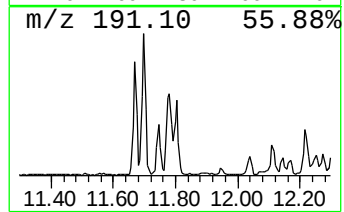
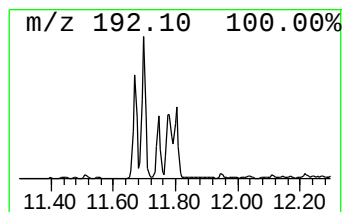
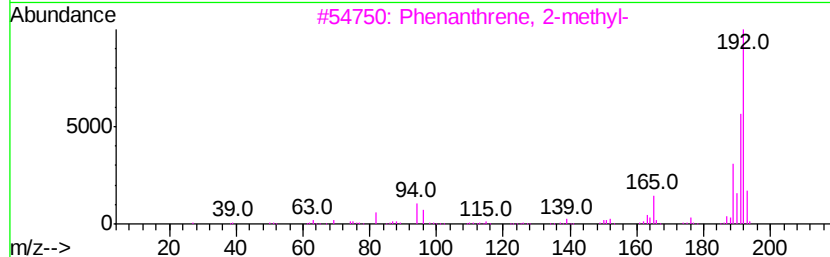
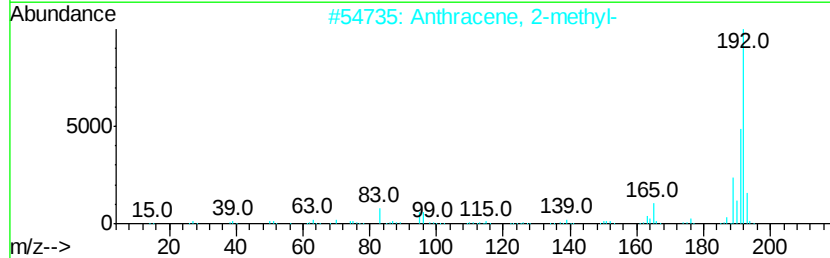
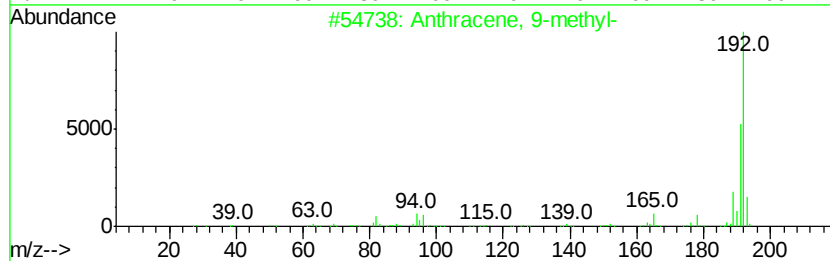
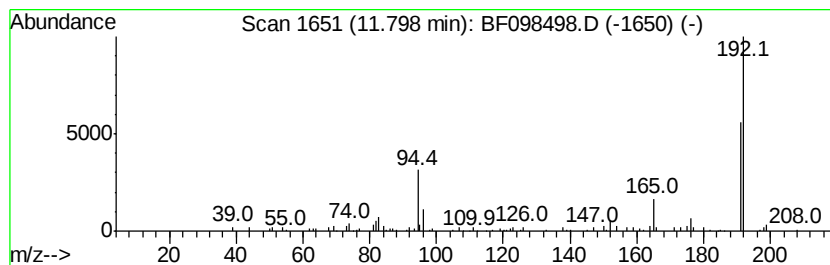
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.58 ng	167865	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098498.D
Acq On : 13 Sep 2017 19:17
Operator : SJ/JU
Sample : I5182-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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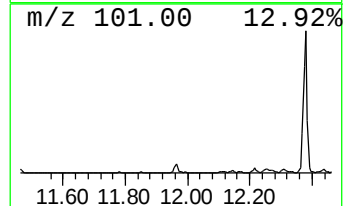
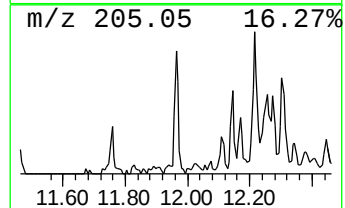
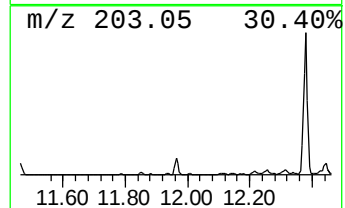
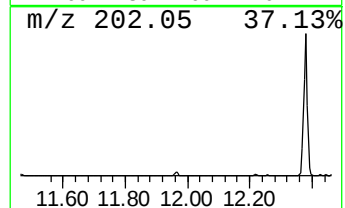
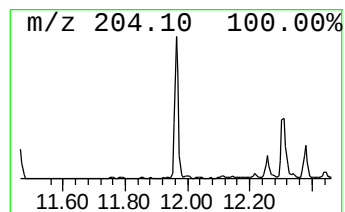
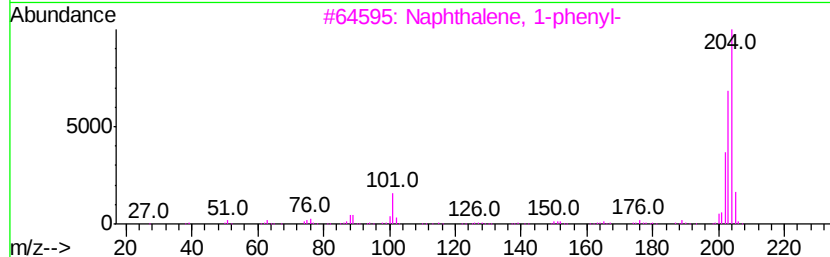
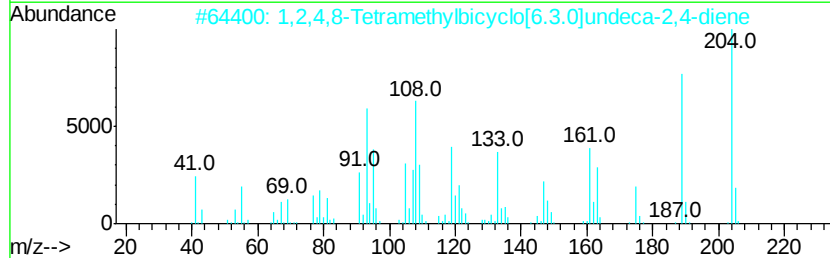
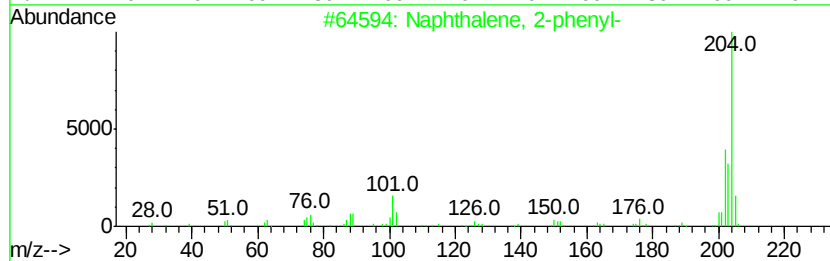
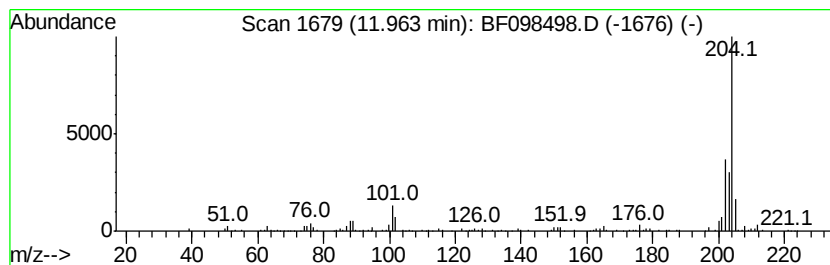
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.41 ng	157293	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4		5,16[1',2']:[8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098498.D
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ALS Vial : 16 Sample Multiplier: 1

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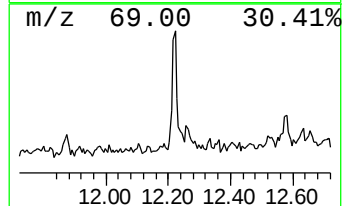
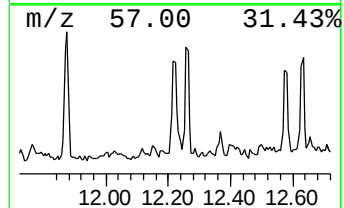
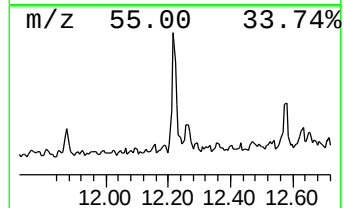
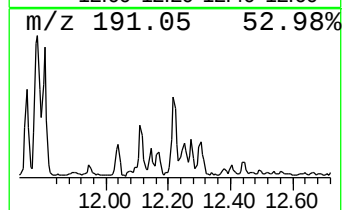
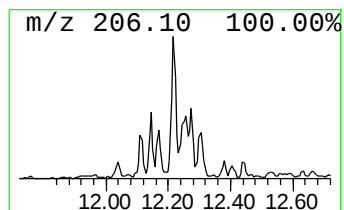
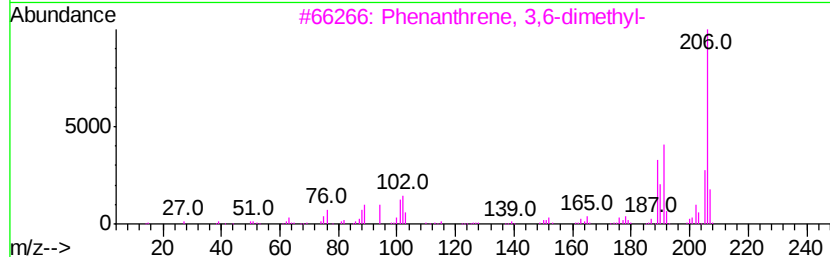
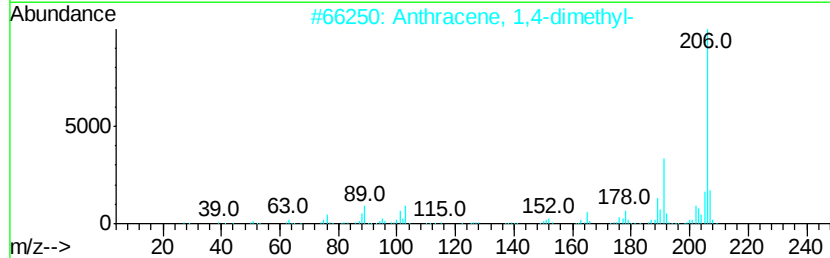
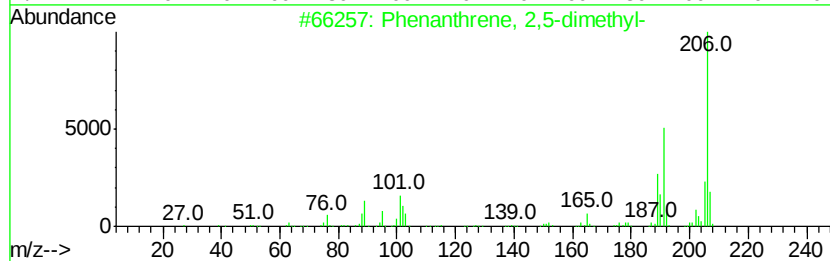
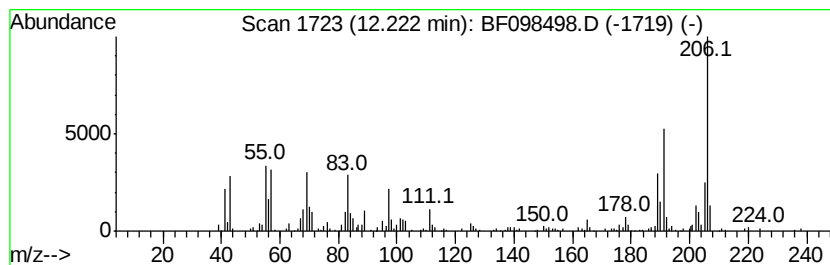
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	4.84 ng	315287	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098498.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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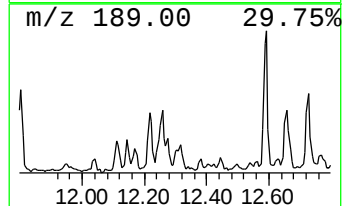
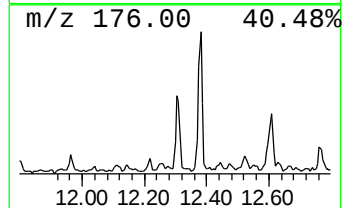
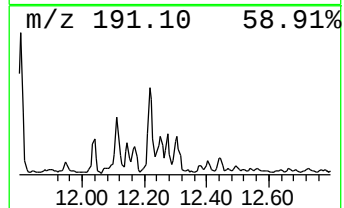
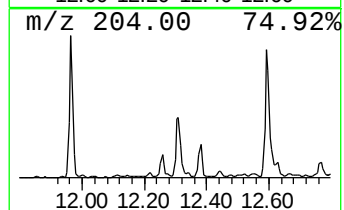
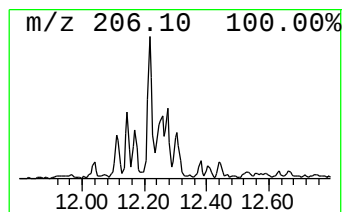
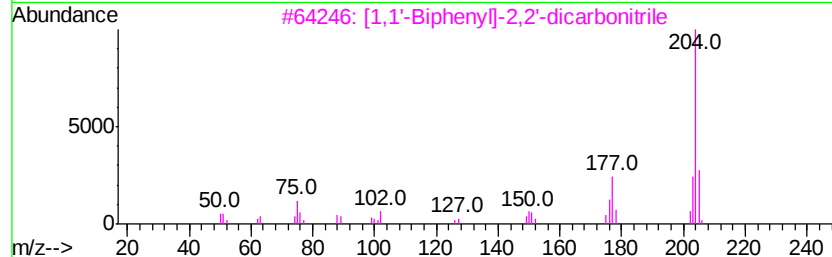
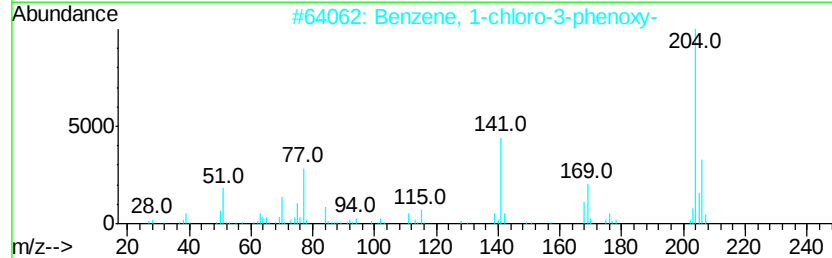
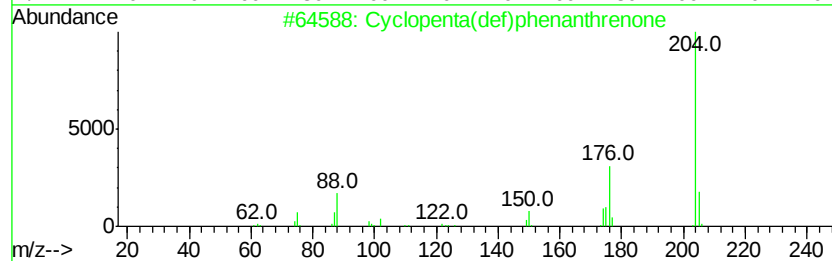
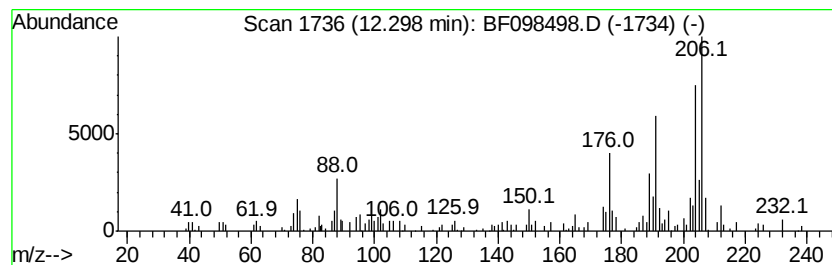
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.45 ng	159528	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	46
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4		6-Cyanophenanthridine	204	C14H8N2	002176-28-5	38
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
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Acq On : 13 Sep 2017 19:17
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Misc :
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ClientSampleId :
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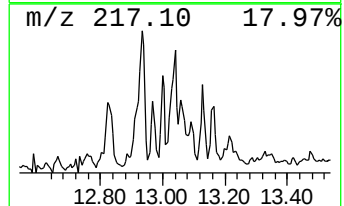
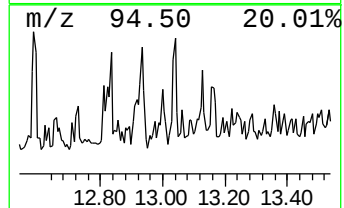
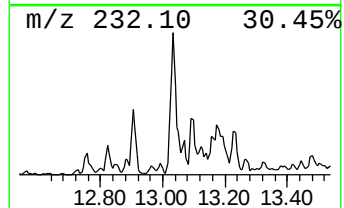
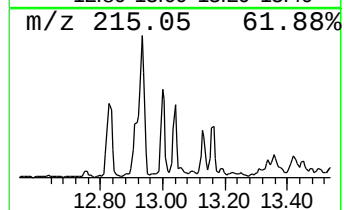
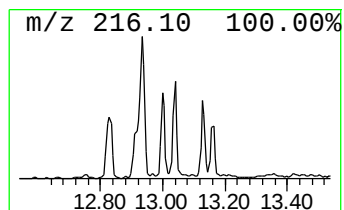
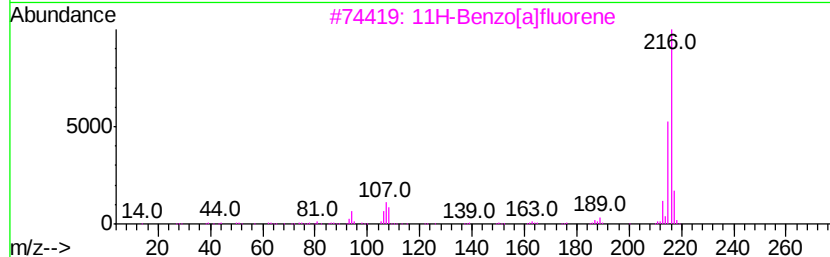
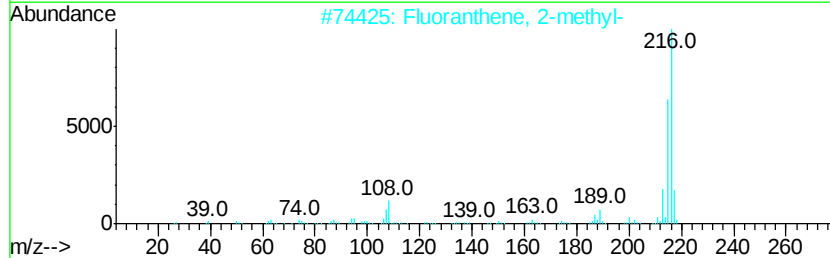
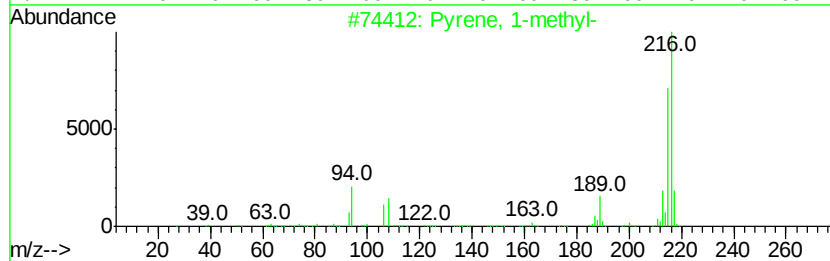
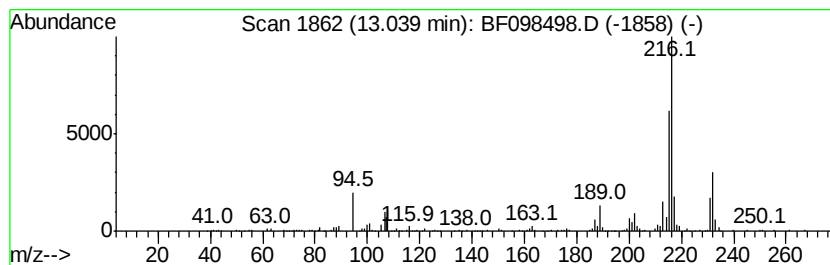
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.35 ng	279972	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3		11H-Benzofluorene	216	C17H12	000238-84-6	86
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
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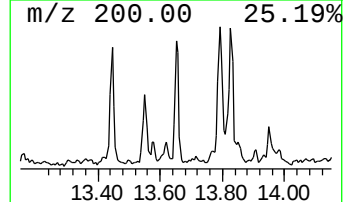
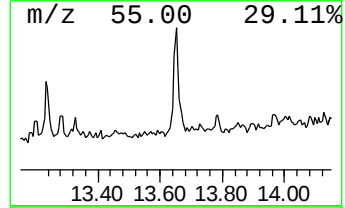
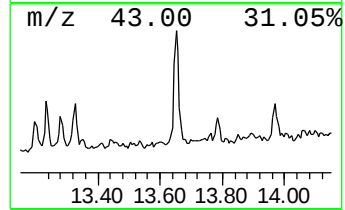
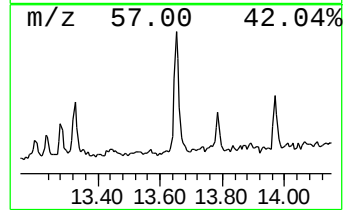
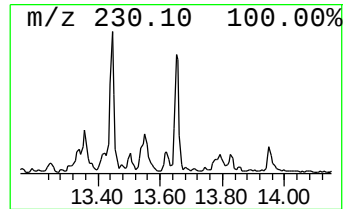
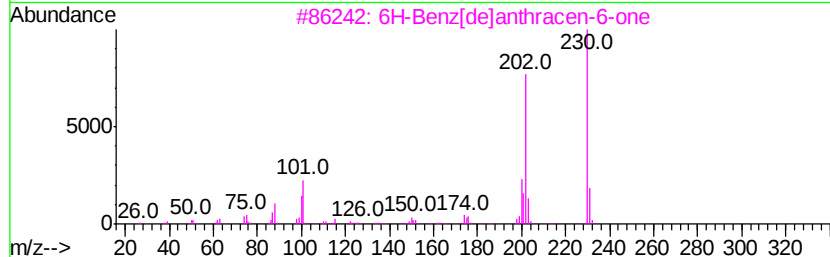
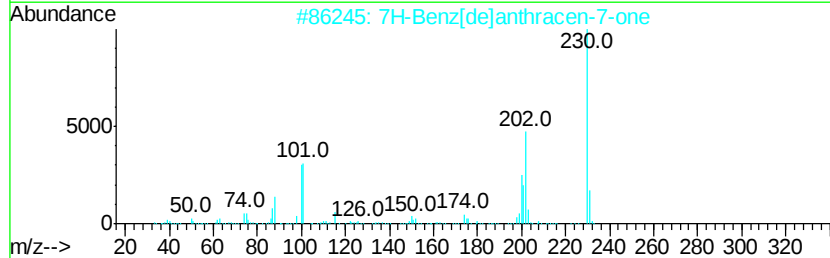
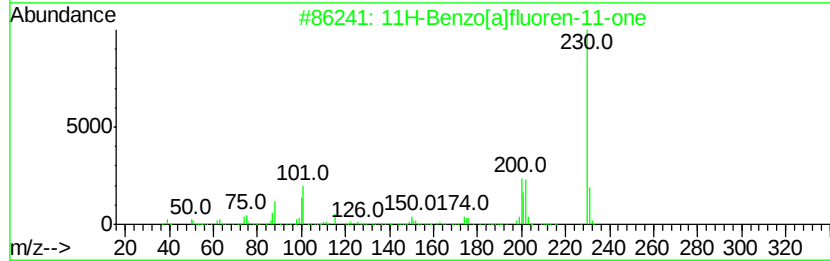
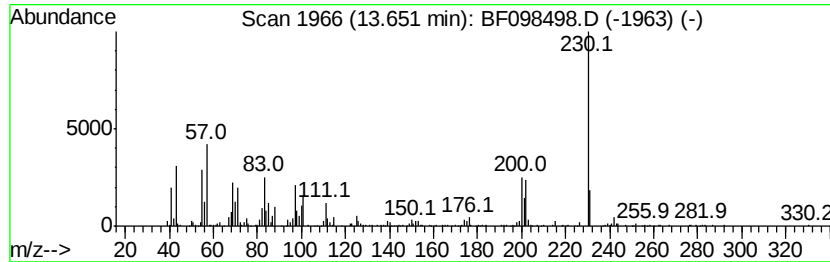
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.65	2.90 ng	345014	Chrysene-d12	13.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
3		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4		Dibenzo[c,h][2,6]naphthvyridine	230	C16H10N2	000218-30-4	50
5		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	50



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Data File : BF098498.D
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ClientSampleId :
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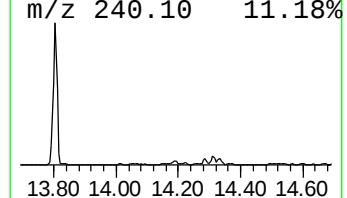
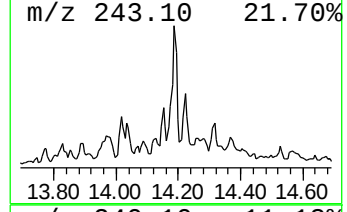
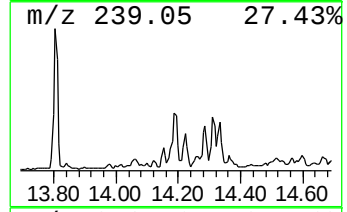
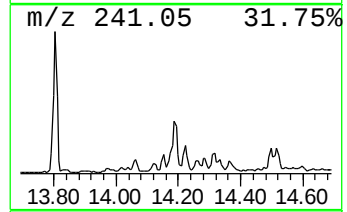
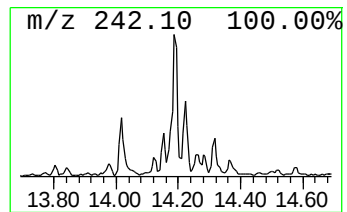
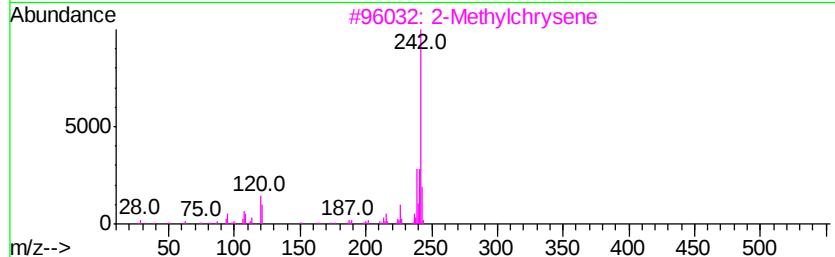
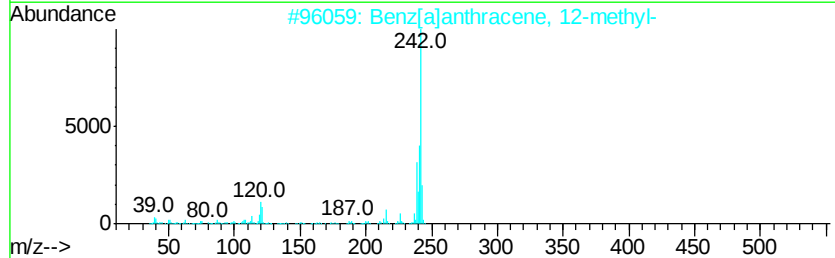
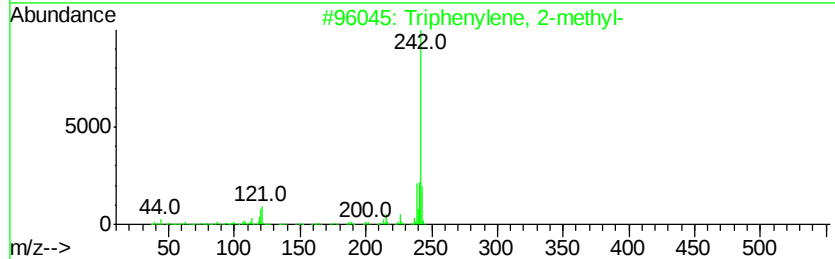
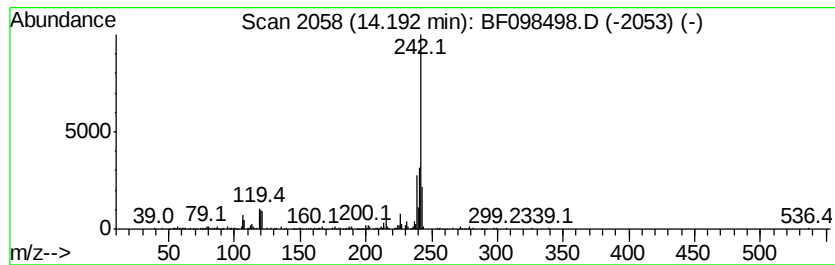
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Triphenylene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.28 ng	271742	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2		Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
3		2-Methylchrysene	242	C19H14	003351-32-4	93
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
5		Chrysene, 5-methyl-	242	C19H14	003697-24-3	89



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091317\
 Data File : BF098498.D
 Acq On : 13 Sep 2017 19:17
 Operator : SJ/JU
 Sample : I5182-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	7.1 ng		390689	1	6.66	1096930	20.0
unknown6.43	6.43	71.7 ng		3930840	1	6.66	1096930	20.0
Tridecane	10.59	3.8 ng		246280	4	11.17	1303020	20.0
Heptadecane	11.04	3.2 ng		208941	4	11.17	1303020	20.0
5H-Indeno[1,2-b]p...	11.40	3.5 ng		227028	4	11.17	1303020	20.0
Phenanthrene, 1-m...	11.67	3.6 ng		237977	4	11.17	1303020	20.0
5H-Dibenzo[a,d]cy...	11.70	4.9 ng		318207	4	11.17	1303020	20.0
Anthracene, 1-met...	11.75	2.6 ng		166991	4	11.17	1303020	20.0
4H-Cyclopenta[def...	11.78	6.3 ng		412686	4	11.17	1303020	20.0
Anthracene, 9-met...	11.80	2.6 ng		167865	4	11.17	1303020	20.0
Naphthalene, 2-ph...	11.96	2.4 ng		157293	4	11.17	1303020	20.0
Phenanthrene, 2,5...	12.22	4.8 ng		315287	4	11.17	1303020	20.0
Cyclopenta(def)ph...	12.30	2.5 ng		159528	4	11.17	1303020	20.0
Pyrene, 1-methyl-	13.04	2.4 ng		279972	5	13.80	2379150	20.0
11H-Benzo[a]fluor...	13.65	2.9 ng		345014	5	13.80	2379150	20.0
Triphenylene, 2-m...	14.19	2.3 ng		271742	5	13.80	2379150	20.0