

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099409.D
 Acq On : 12 Oct 2017 21:56
 Operator : SJ/JU
 Sample : I5729-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5N-(2-3)

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-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	2.140	6	9	29	rVB3	64534	165921	7.13%	0.446%
2	5.081	505	509	524	rVB	298992	382502	16.44%	1.027%
3	5.481	572	577	592	rVB	1974960	2066346	88.81%	5.550%
4	6.487	743	748	751	rBV	2028008	2086527	89.68%	5.604%
5	6.622	767	771	775	rBV	2281072	2174614	93.47%	5.841%
6	6.851	807	810	816	rBV	867813	702652	30.20%	1.887%
7	7.010	833	837	840	rBV	1969045	1757749	75.55%	4.721%
8	7.416	901	906	909	rBV	1401361	1325831	56.99%	3.561%
9	8.133	1024	1028	1031	rBV	1073956	881152	37.87%	2.367%
10	8.845	1146	1149	1153	rBV	57551	44683	1.92%	0.120%
11	8.945	1163	1166	1169	rBV	55552	43096	1.85%	0.116%
12	9.210	1205	1211	1214	rBV	2474070	2326621	100.00%	6.249%
13	9.545	1264	1268	1270	rBV	51471	48981	2.11%	0.132%
14	9.598	1274	1277	1284	rVB	308012	252295	10.84%	0.678%
15	9.810	1308	1313	1318	rBV	43632	44504	1.91%	0.120%
16	9.886	1320	1326	1330	rVV2	976681	862903	37.09%	2.318%
17	9.916	1330	1331	1335	rVB	55732	44341	1.91%	0.119%
18	10.092	1355	1361	1364	rVV2	50326	59562	2.56%	0.160%
19	10.127	1364	1367	1371	rVB2	34371	31416	1.35%	0.084%
20	10.304	1395	1397	1400	rVB	63908	57797	2.48%	0.155%
21	10.433	1415	1419	1424	rVB2	51952	57998	2.49%	0.156%
22	10.598	1441	1447	1450	rVB2	56011	72755	3.13%	0.195%
23	10.675	1457	1460	1467	rBV	1019814	932796	40.09%	2.505%
24	10.792	1474	1480	1487	rVB3	86638	145502	6.25%	0.391%
25	10.980	1506	1512	1515	rBV5	28833	49545	2.13%	0.133%
26	11.110	1529	1534	1536	rBV6	28417	50679	2.18%	0.136%
27	11.180	1543	1546	1550	rBV	41533	38246	1.64%	0.103%
28	11.227	1550	1554	1556	rVV3	71307	76813	3.30%	0.206%
29	11.269	1559	1561	1566	rVB	43458	41354	1.78%	0.111%
30	11.374	1575	1579	1581	rBV	805144	686183	29.49%	1.843%
31	11.398	1581	1583	1587	rVV	827564	639642	27.49%	1.718%
32	11.451	1587	1592	1594	rVB	127857	113951	4.90%	0.306%
33	11.604	1614	1618	1623	rBV2	62526	81913	3.52%	0.220%
34	11.651	1623	1626	1628	rBV2	42766	31655	1.36%	0.085%

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

35	11.704	1633	1635	1640	rVB3	37114	38084	1.64%	0.102%
36	11.874	1660	1664	1666	rBV	160859	147441	6.34%	0.396%
37	11.904	1666	1669	1671	rVV	226113	197474	8.49%	0.530%
38	11.951	1674	1677	1679	rVV	61404	53364	2.29%	0.143%
39	11.986	1679	1683	1685	rVV2	194151	214493	9.22%	0.576%
40	12.010	1685	1687	1691	rVB	133454	107874	4.64%	0.290%
41	12.057	1692	1695	1697	rBV	51811	41071	1.77%	0.110%
42	12.169	1711	1714	1717	rVV	97580	88798	3.82%	0.238%
43	12.198	1717	1719	1724	rVB	69671	69373	2.98%	0.186%
44	12.351	1742	1745	1747	rVB	39083	32199	1.38%	0.086%
45	12.374	1747	1749	1751	rVB	40591	32629	1.40%	0.088%
46	12.421	1751	1757	1760	rBV	138063	159088	6.84%	0.427%
47	12.451	1760	1762	1766	rVV4	61641	98042	4.21%	0.263%
48	12.516	1769	1773	1777	rBV3	90354	110883	4.77%	0.298%
49	12.592	1781	1786	1789	rBV	1300236	1223665	52.59%	3.287%
50	12.651	1794	1796	1799	rVB	51444	39546	1.70%	0.106%
51	12.739	1803	1811	1813	rBV4	64214	100876	4.34%	0.271%
52	12.821	1818	1825	1830	rBV	1293582	1365613	58.70%	3.668%
53	12.863	1830	1832	1837	rVB2	89765	100478	4.32%	0.270%
54	12.957	1841	1848	1851	rBV	1711529	1628221	69.98%	4.373%
55	13.027	1856	1860	1865	rBV3	104516	188318	8.09%	0.506%
56	13.121	1872	1876	1877	rBV3	105390	114764	4.93%	0.308%
57	13.139	1877	1879	1882	rVB	128502	142267	6.11%	0.382%
58	13.210	1888	1891	1893	rBV	59960	46666	2.01%	0.125%
59	13.251	1893	1898	1900	rBV2	162206	185056	7.95%	0.497%
60	13.339	1910	1913	1916	rBV	118319	102486	4.40%	0.275%
61	13.374	1916	1919	1922	rBV	104957	106930	4.60%	0.287%
62	13.515	1940	1943	1946	rVV4	35266	49717	2.14%	0.134%
63	13.568	1949	1952	1954	rVB2	41961	42168	1.81%	0.113%
64	13.657	1963	1967	1970	rVB	178028	165355	7.11%	0.444%
65	13.763	1981	1985	1987	rVV	206652	199491	8.57%	0.536%
66	13.792	1987	1990	1992	rVV	148470	148355	6.38%	0.398%
67	13.815	1992	1994	1995	rVV	127426	105442	4.53%	0.283%
68	13.833	1995	1997	2000	rVV3	142651	191439	8.23%	0.514%
69	13.863	2000	2002	2005	rVB	161072	132842	5.71%	0.357%
70	13.933	2011	2014	2020	rBV	50768	60426	2.60%	0.162%
71	14.010	2020	2027	2031	rBV2	1175233	1978092	85.02%	5.313%

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72	14.045	2031	2033	2040	rVB	1198815	987500	42.44%	2.652%
73	14.121	2044	2046	2048	rBV	44242	36584	1.57%	0.098%
74	14.245	2062	2067	2070	rBV2	96043	135171	5.81%	0.363%
75	14.274	2070	2072	2074	rVB2	49490	36058	1.55%	0.097%
76	14.363	2084	2087	2089	rBV2	62924	59111	2.54%	0.159%
77	14.398	2089	2093	2096	rVV	207262	248632	10.69%	0.668%
78	14.433	2096	2099	2102	rVV	143202	152784	6.57%	0.410%
79	14.480	2102	2107	2112	rVV4	85834	196288	8.44%	0.527%
80	14.527	2112	2115	2117	rVV	94347	103570	4.45%	0.278%
81	14.545	2117	2118	2121	rVV2	71916	51256	2.20%	0.138%
82	14.598	2124	2127	2133	rVB	84862	95304	4.10%	0.256%
83	14.751	2151	2153	2157	rVB2	100732	105931	4.55%	0.285%
84	14.898	2174	2178	2181	rBV2	92196	119389	5.13%	0.321%
85	14.957	2185	2188	2190	rBV4	34552	41682	1.79%	0.112%
86	15.062	2200	2206	2209	rBV	1119995	1827414	78.54%	4.908%
87	15.168	2220	2224	2227	rBV	139899	159485	6.85%	0.428%
88	15.251	2235	2238	2245	rBV2	88529	170267	7.32%	0.457%
89	15.368	2253	2258	2263	rVB	722629	935188	40.20%	2.512%
90	15.427	2264	2268	2273	rVV	715004	868489	37.33%	2.333%
91	15.492	2273	2279	2282	rVV	434493	633451	27.23%	1.701%
92	15.521	2282	2284	2290	rVB2	201972	246911	10.61%	0.663%
93	15.909	2347	2350	2357	rVB4	57967	102955	4.43%	0.277%
94	16.409	2432	2435	2442	rVB5	68555	115238	4.95%	0.310%
95	16.768	2491	2496	2500	rBV2	56287	100509	4.32%	0.270%
96	16.974	2524	2531	2539	rBV	326893	674162	28.98%	1.811%
97	17.145	2555	2560	2565	rBV	55863	104442	4.49%	0.281%
98	17.203	2565	2570	2575	rVB2	63180	126854	5.45%	0.341%
99	17.421	2601	2607	2617	rVB	223944	446716	19.20%	1.200%
100	17.680	2644	2651	2661	rVB3	44816	163191	7.01%	0.438%

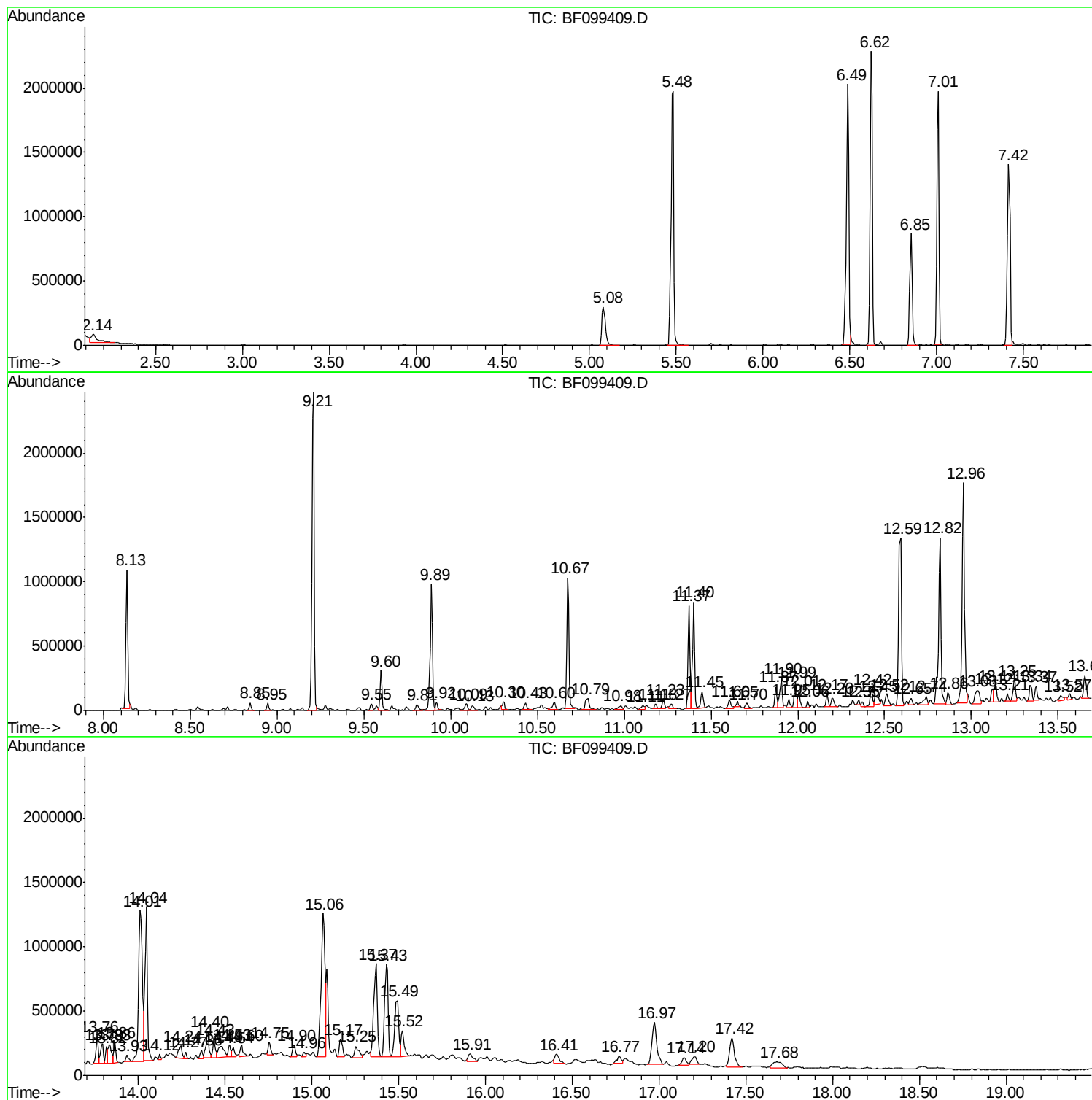
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
5N-(2-3)

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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Instrument :
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5N-(2-3)

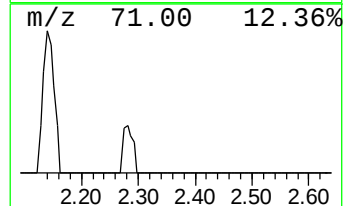
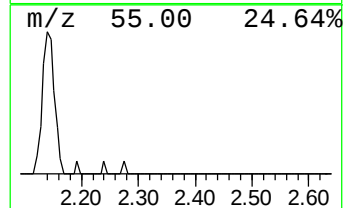
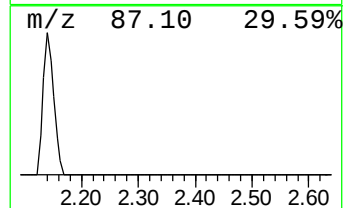
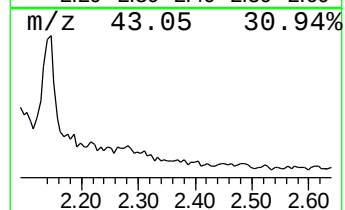
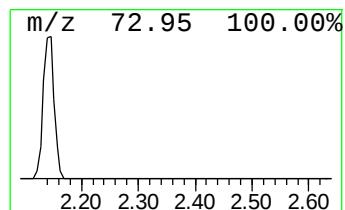
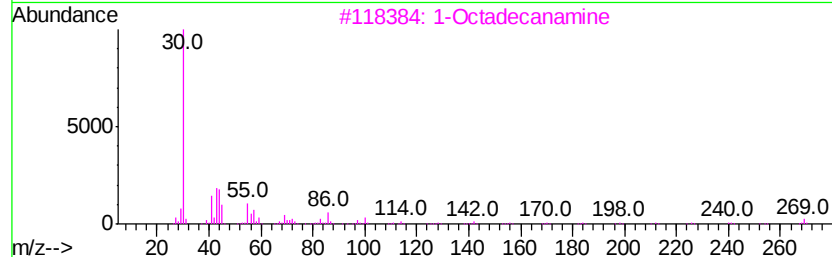
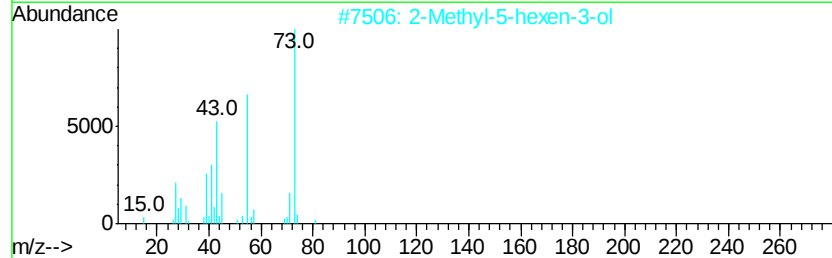
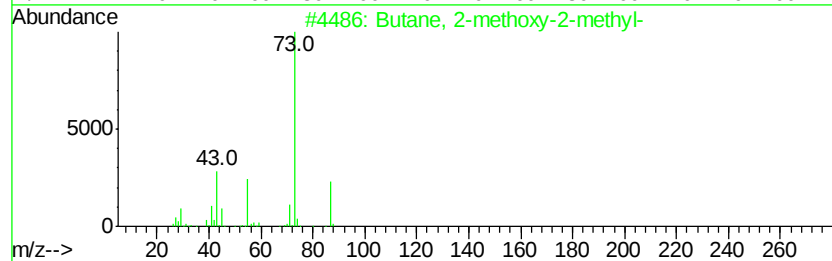
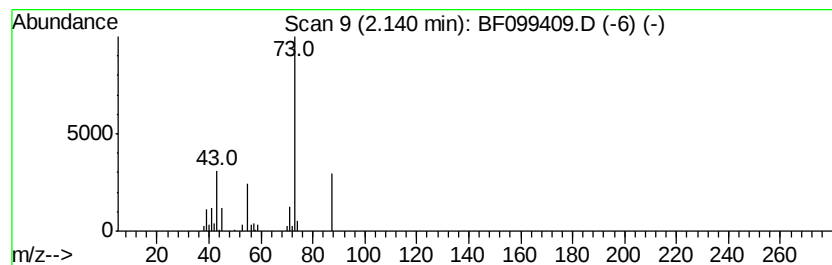
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	4.72 ng	165921	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
3		1-Octadecanamine	269	C18H39N	000124-30-1	9
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5



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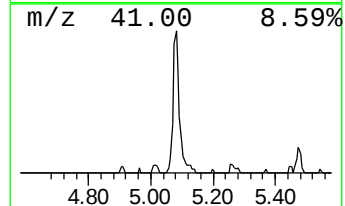
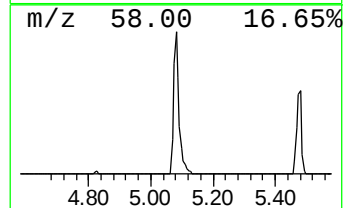
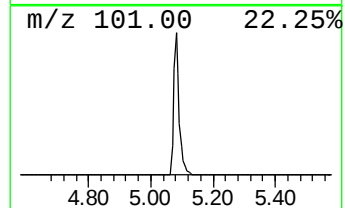
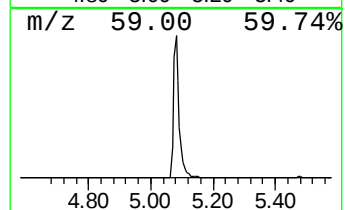
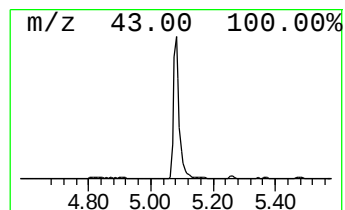
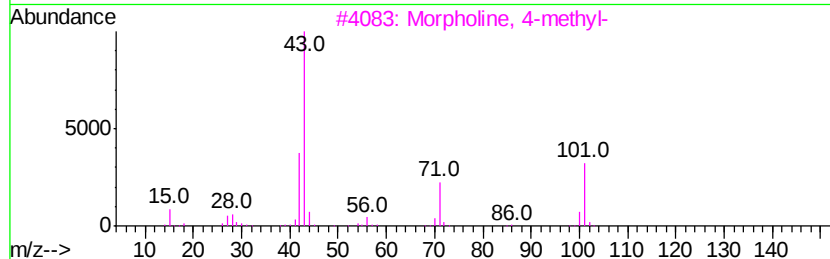
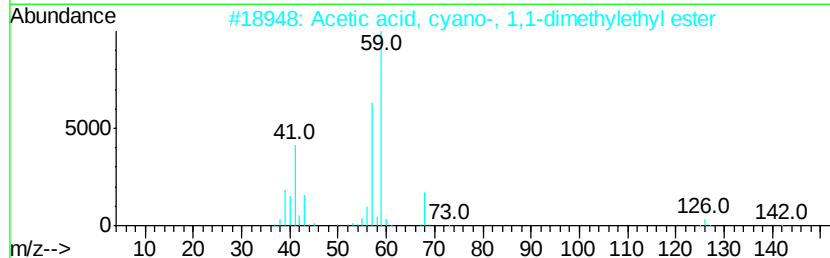
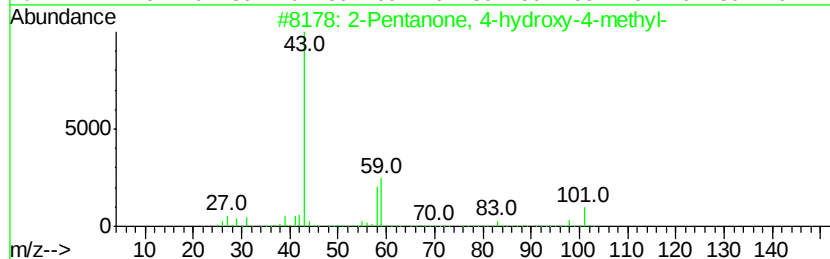
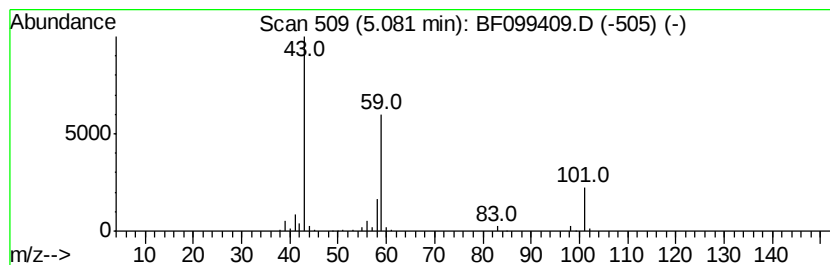
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	10.89 ng	382502	1,4-Dichlorobenzene-d4	6.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116 C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethyl...	141 C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101 C5H11NO	000109-02-4	9
4	Acetone	58 C3H6O	000067-64-1	9
5	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101 C4H7NO2	016504-58-8	9



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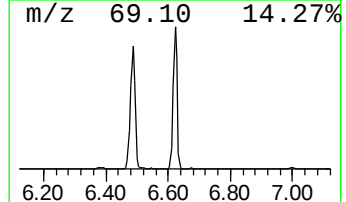
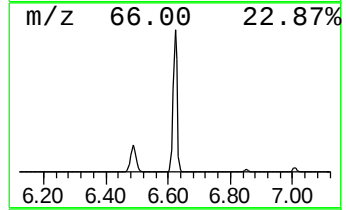
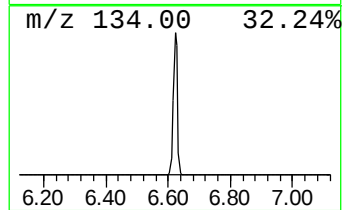
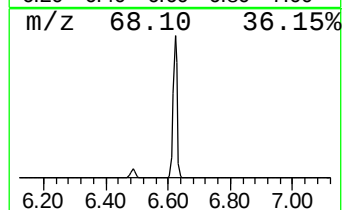
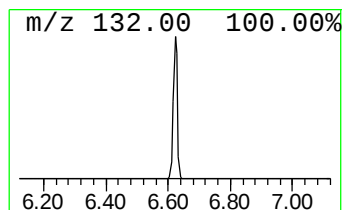
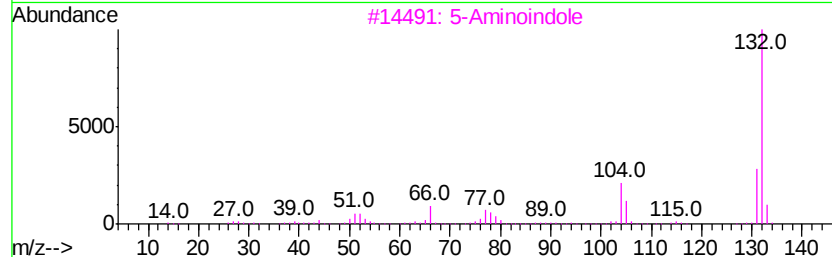
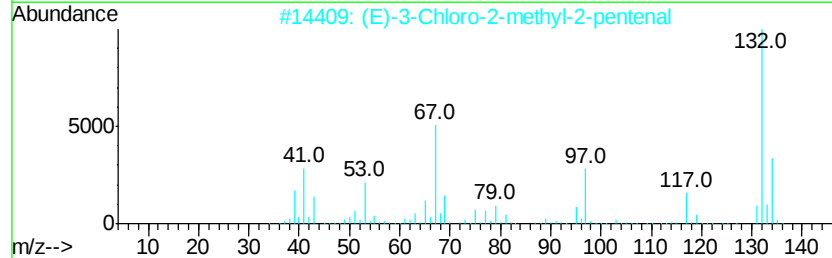
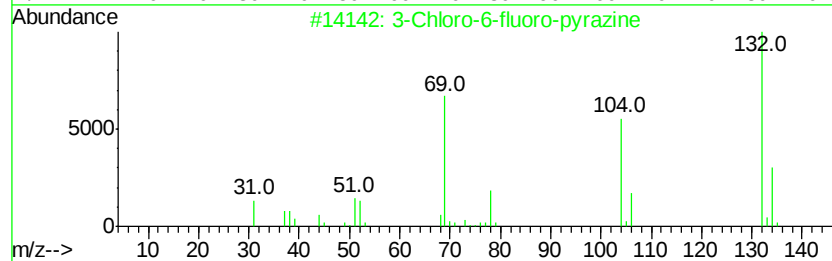
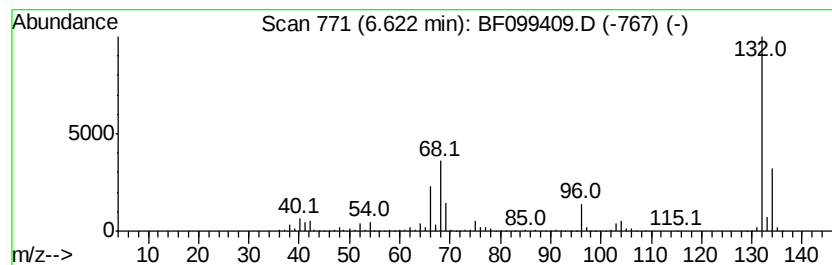
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	61.90 ng	2174610	1,4-Dichlorobenzene-d4	6.85

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	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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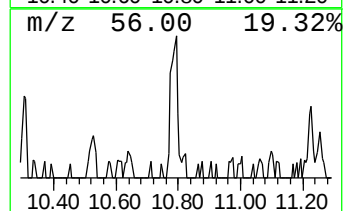
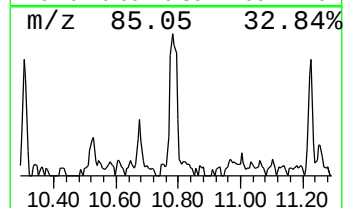
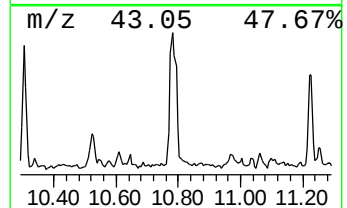
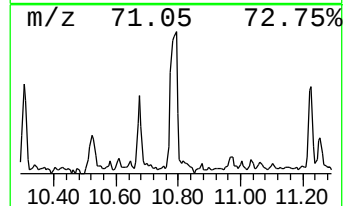
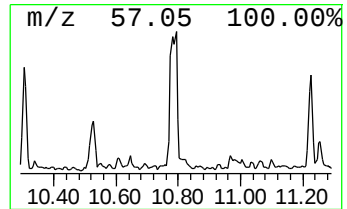
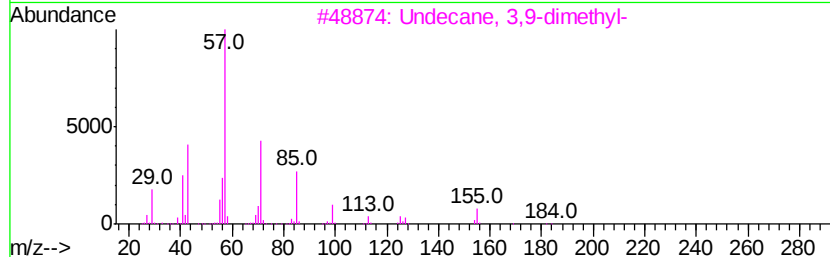
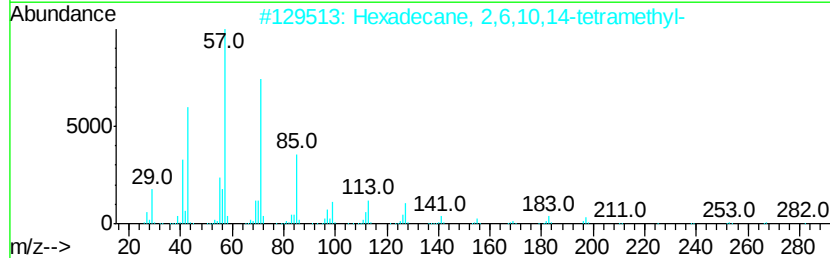
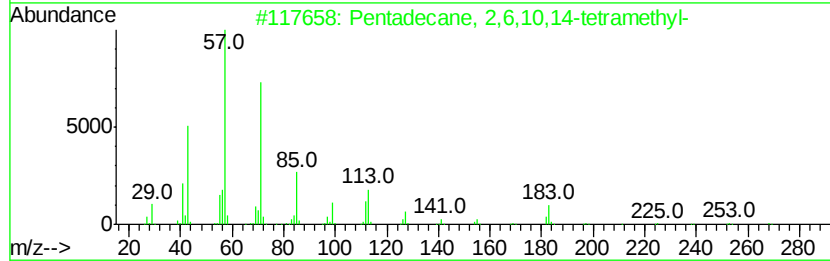
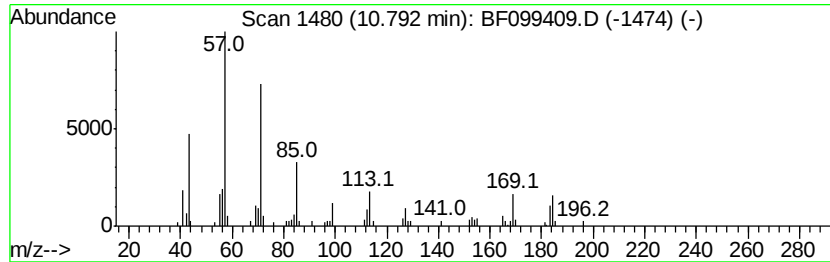
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane, 2,6,10,14-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	4.24 ng	145502	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
3		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
5		Tridecane	184	C13H28	000629-50-5	50



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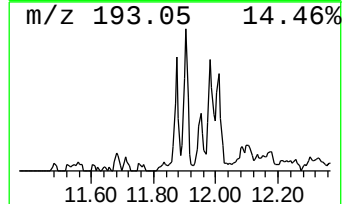
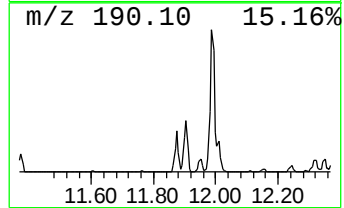
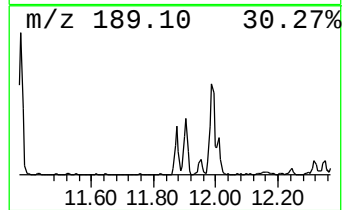
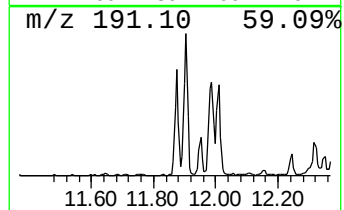
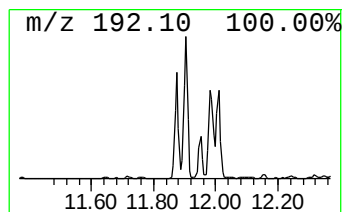
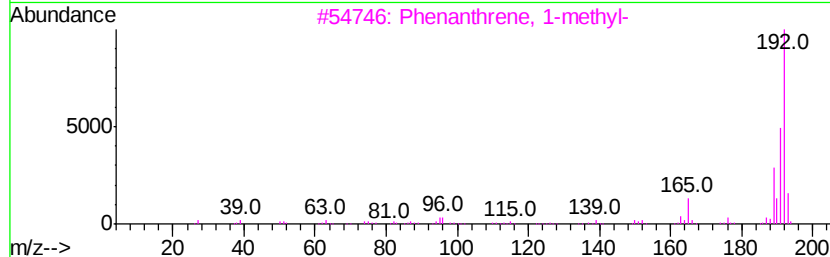
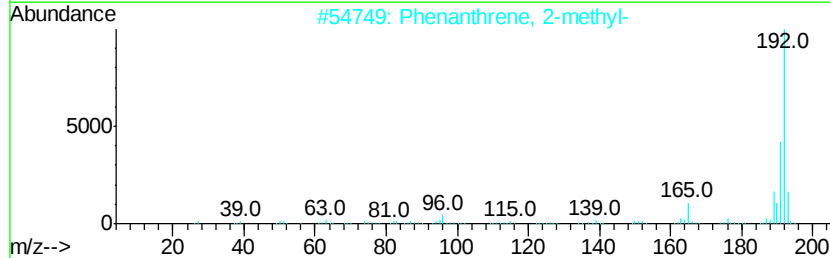
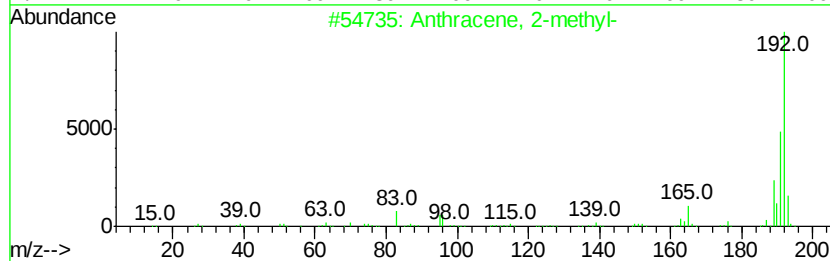
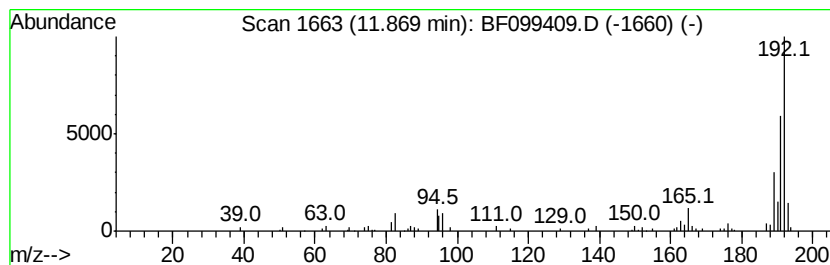
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.30 ng	147441	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099409.D
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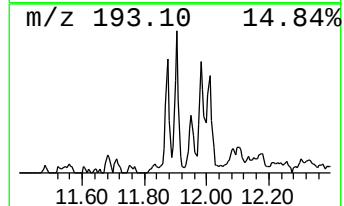
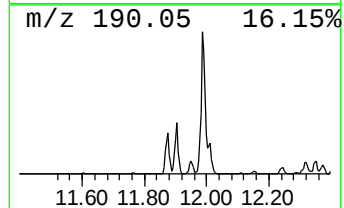
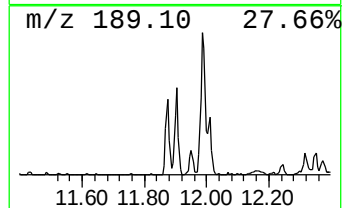
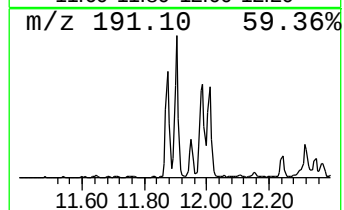
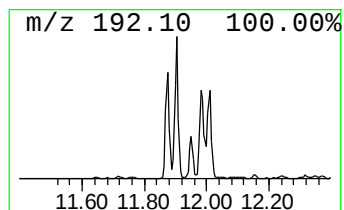
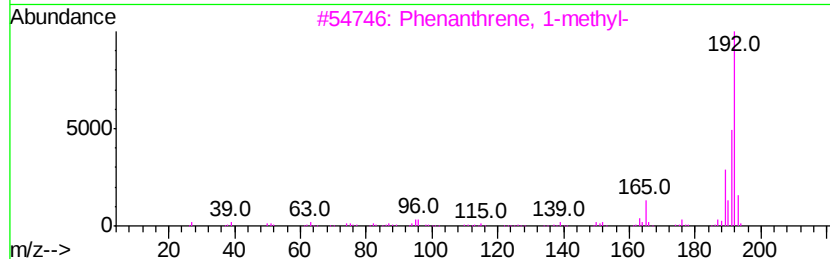
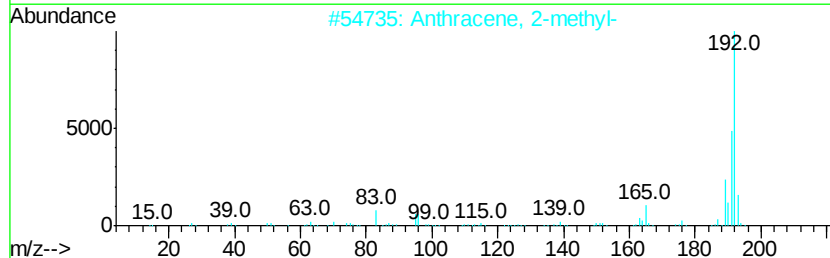
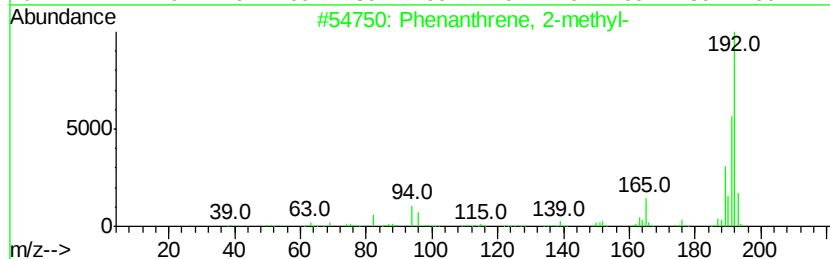
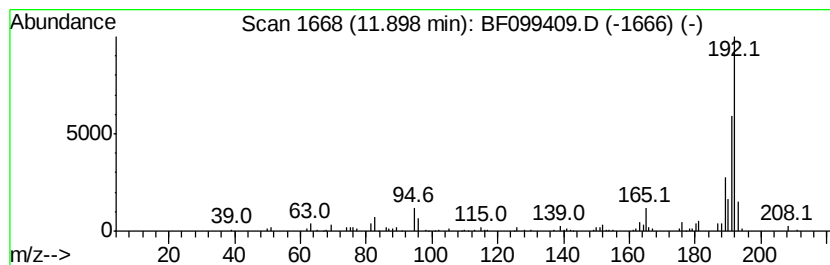
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.76 ng	197474	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099409.D
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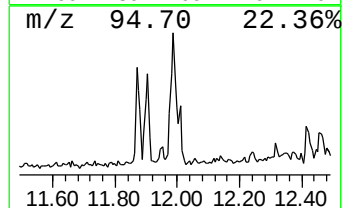
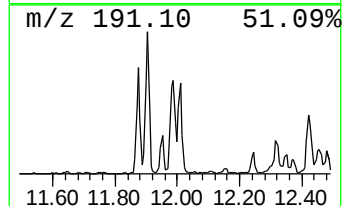
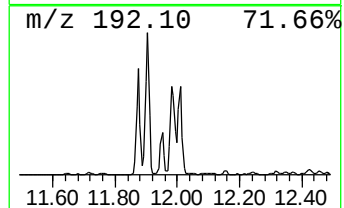
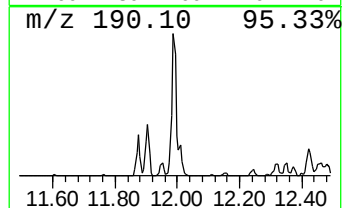
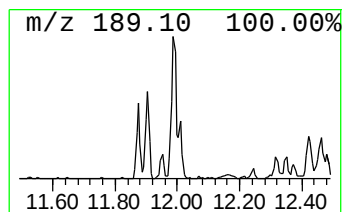
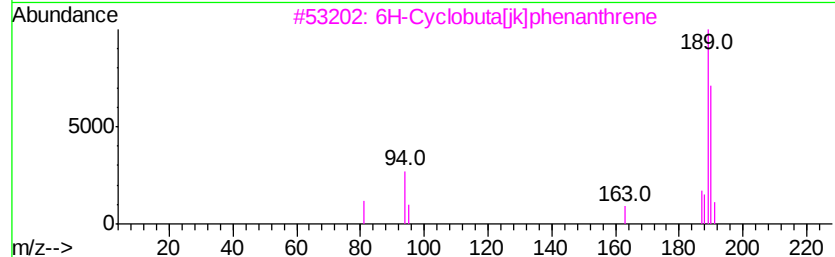
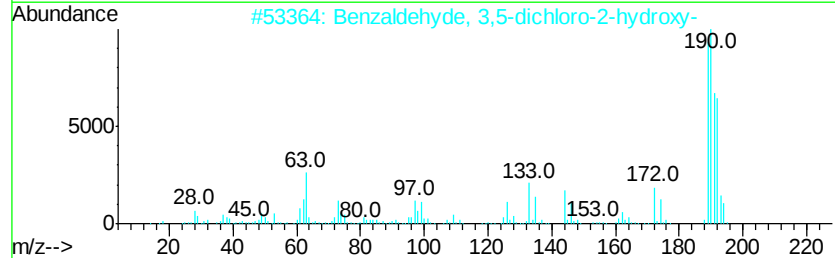
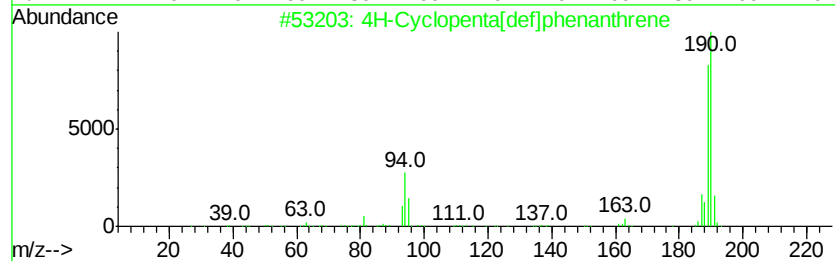
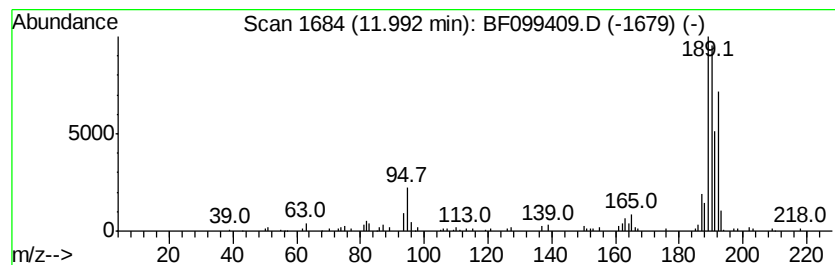
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	6.25 ng	214493	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099409.D
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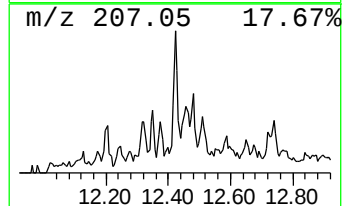
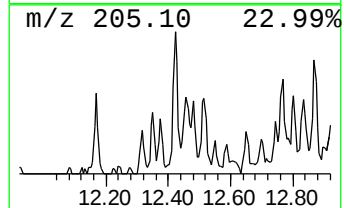
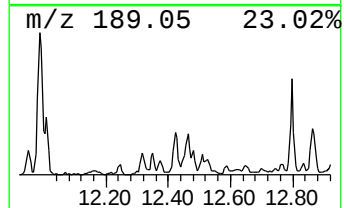
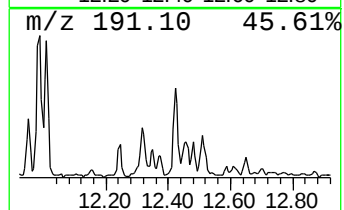
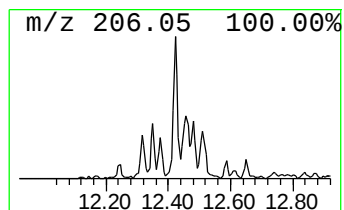
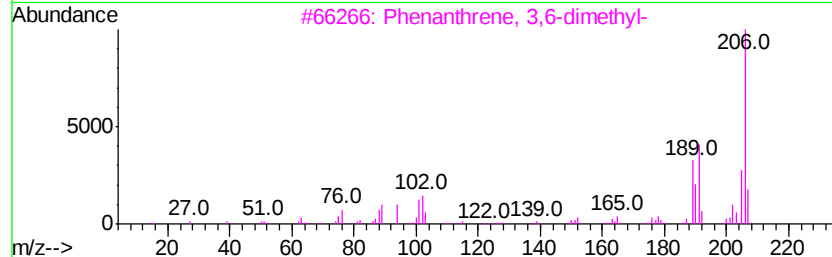
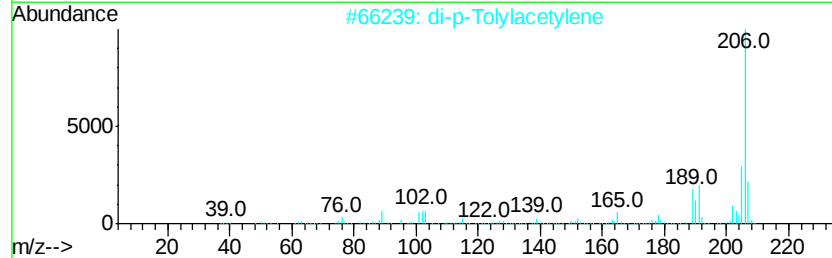
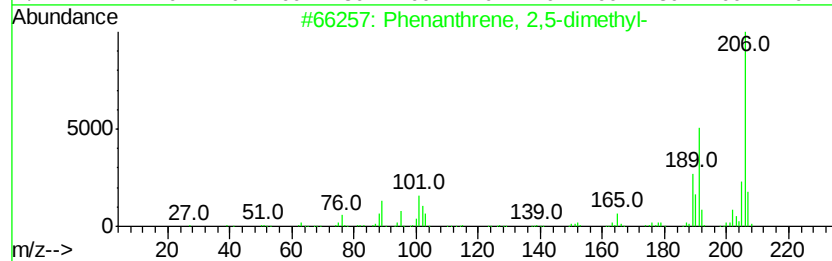
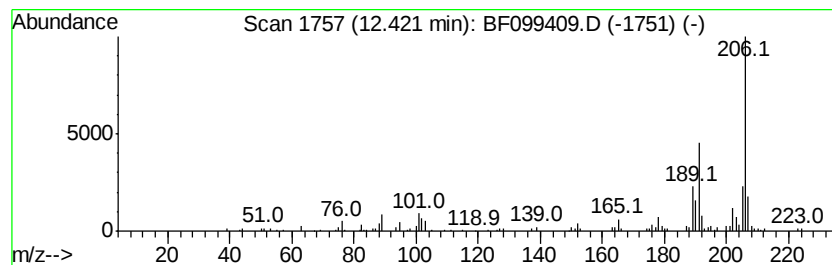
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.64 ng	159088	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92



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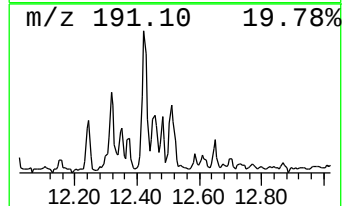
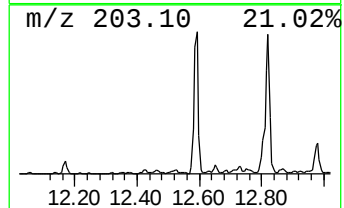
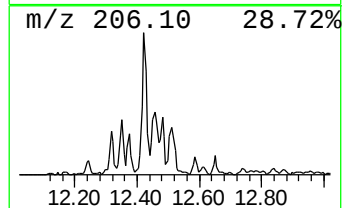
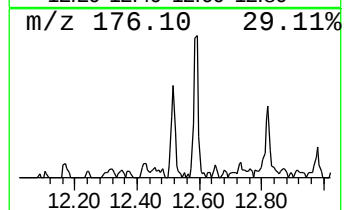
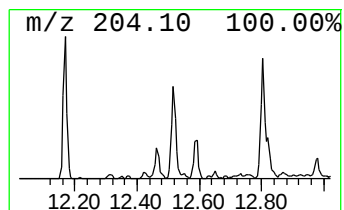
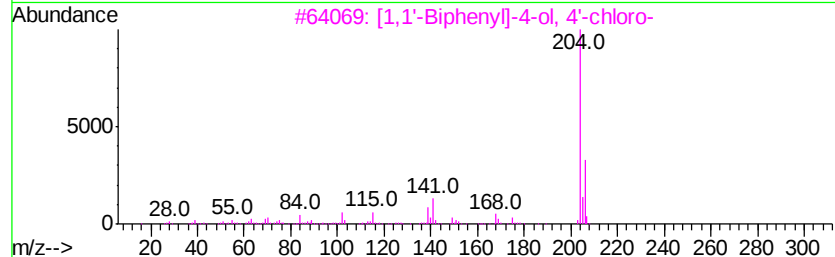
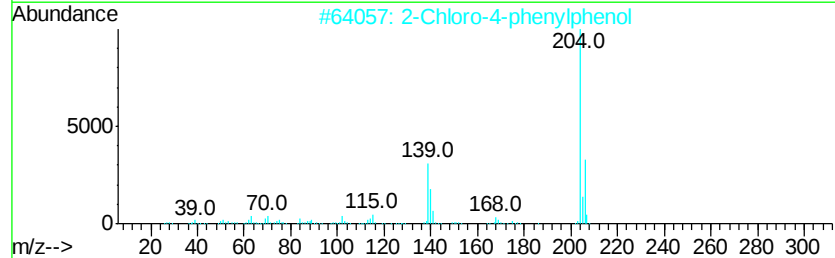
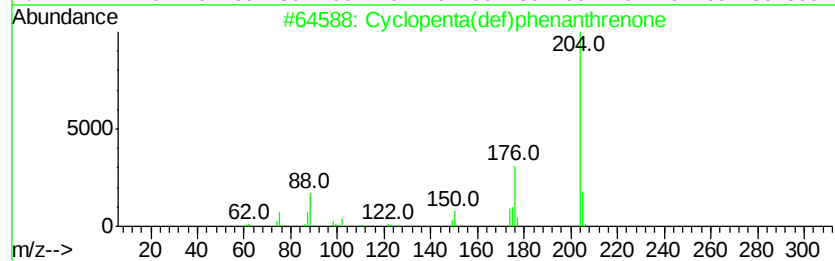
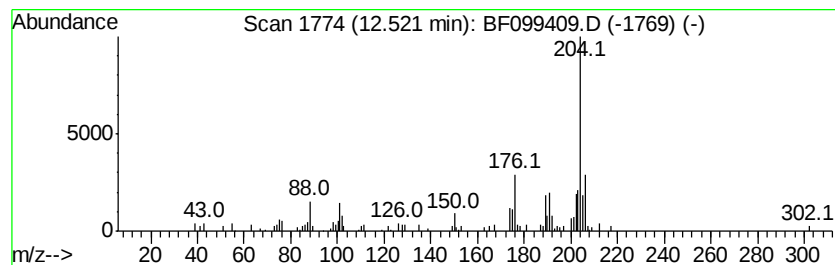
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.23 ng	110883	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	46
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4			Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5			Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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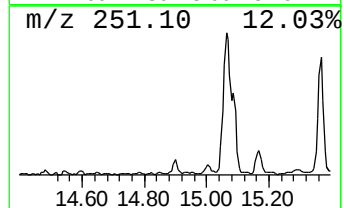
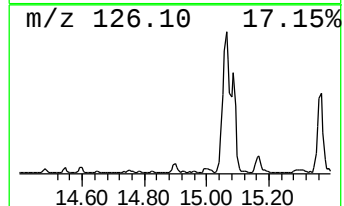
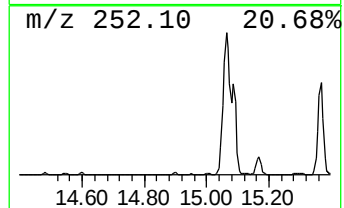
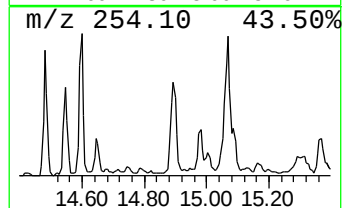
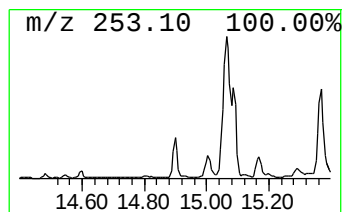
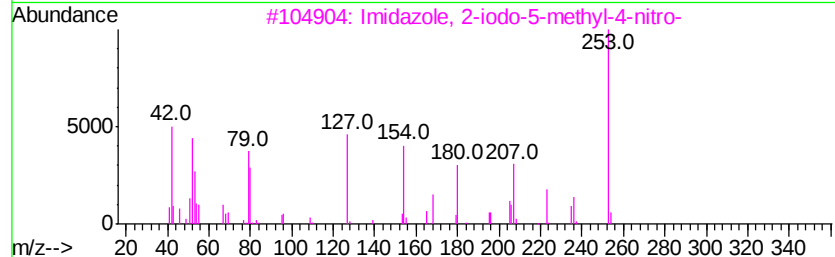
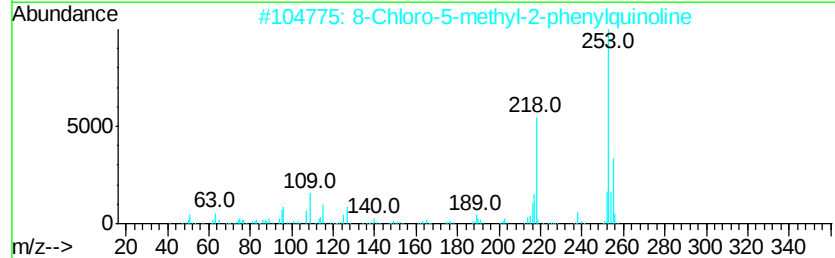
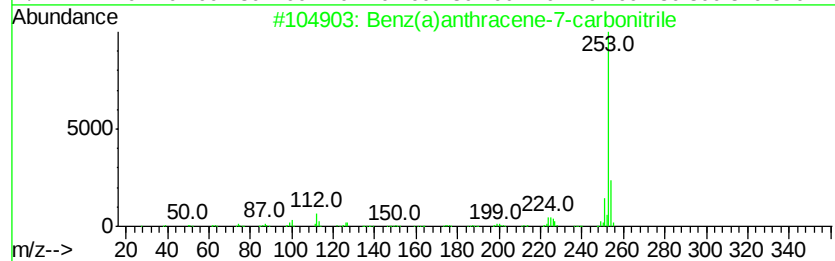
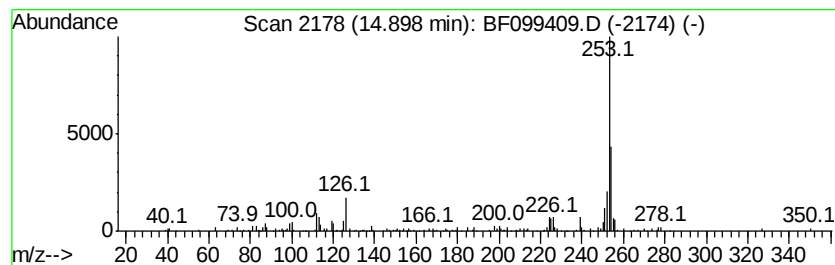
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz(a)anthracene-7-carboni... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	3.77 ng	119389	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	58
2		8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	47
3		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	46
4		10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	38
5		4,6'-BiazulenyI	254	C20H14	094154-49-1	38



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Acq On : 12 Oct 2017 21:56
Operator : SJ/JU
Sample : I5729-09
Misc :
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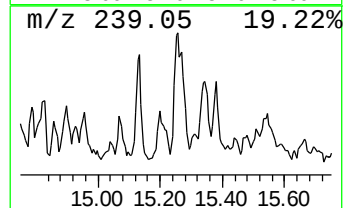
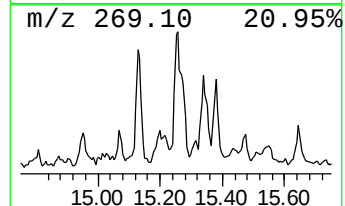
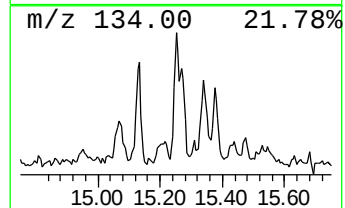
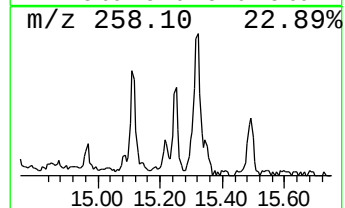
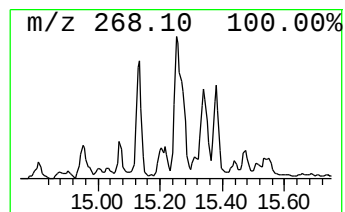
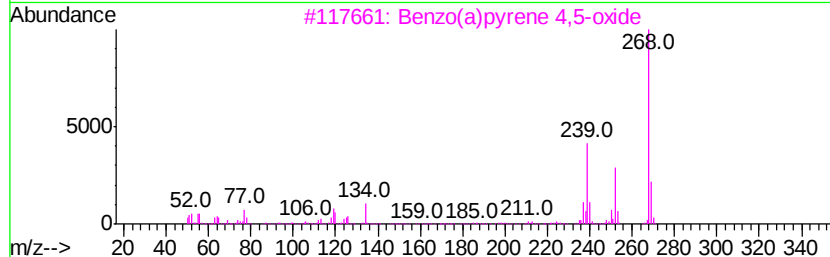
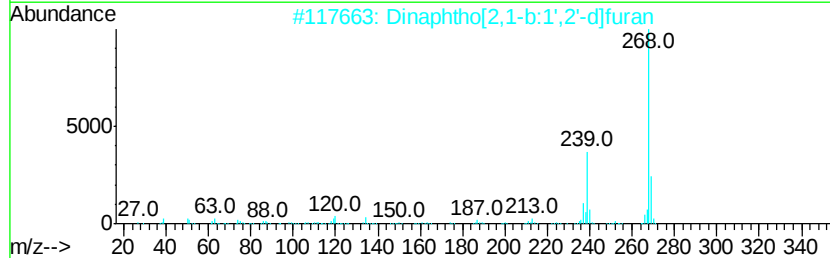
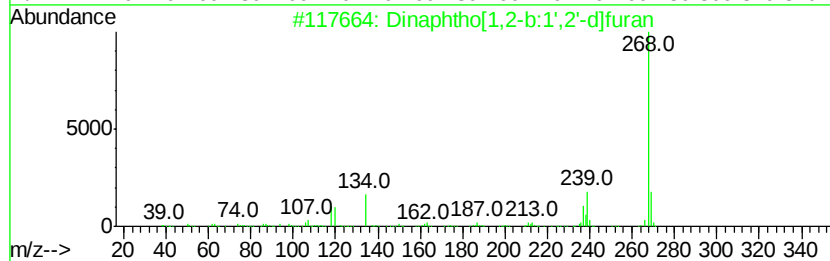
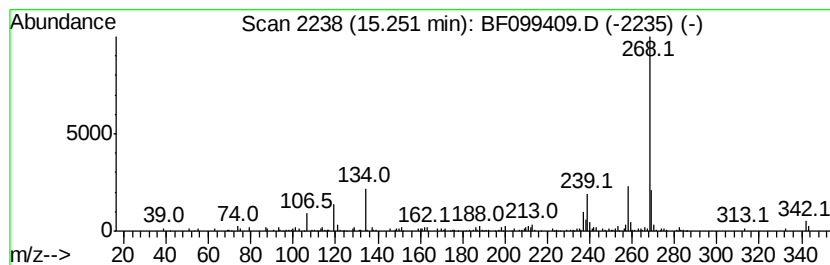
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	5.38 ng	170267	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268 C20H12O	000207-93-2 89
2		Dinaphtho[2,1-b:1',2'-d]furan	268 C20H12O	000194-63-8 74
3		Benzo(a)pyrene 4,5-oxide	268 C20H12O	037574-47-3 59
4		10-Hydroxy-5-methoxy-2-methyl-1,...	268 C16H12O4	084542-45-0 52
5		9,10-Anthracenedione, 1,5-dimeth...	268 C16H12O4	006448-90-4 50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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ClientSampleId :
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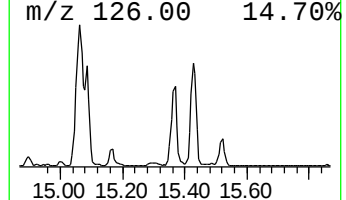
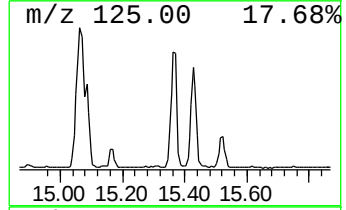
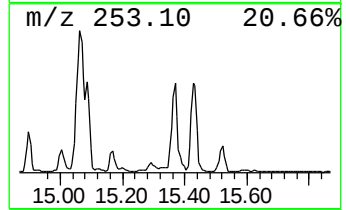
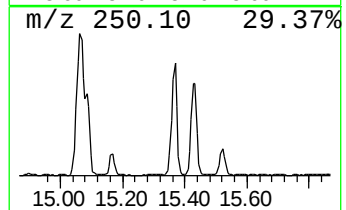
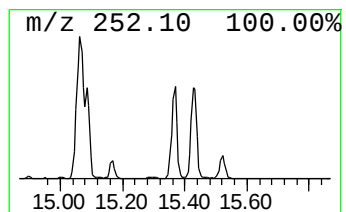
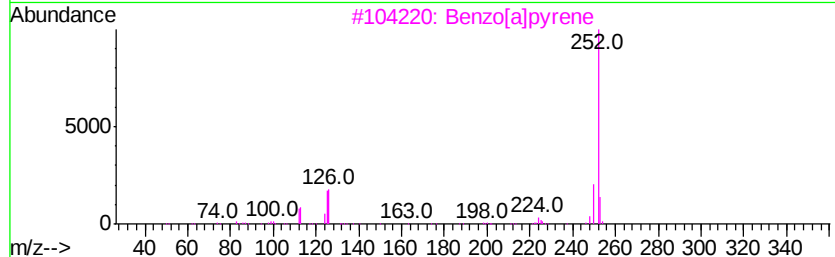
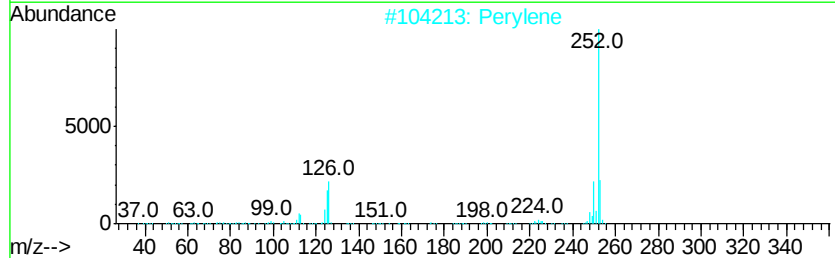
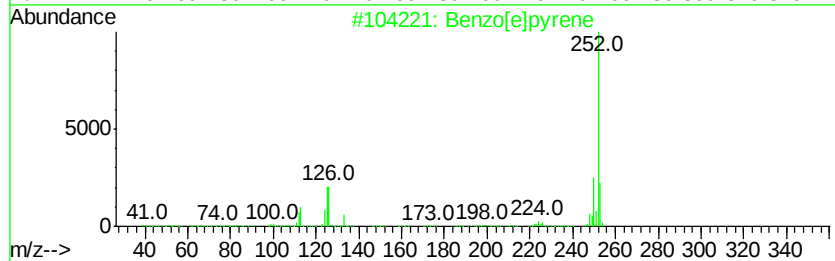
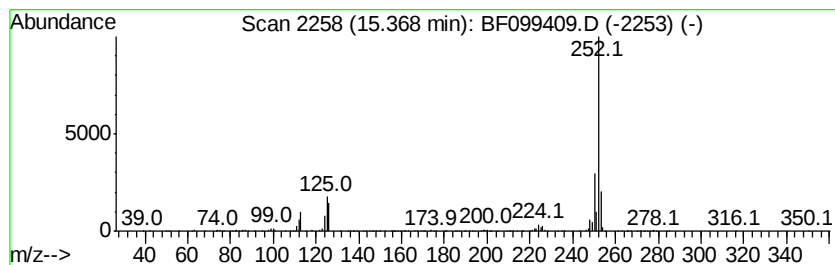
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	29.53 ng	935188	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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Misc :
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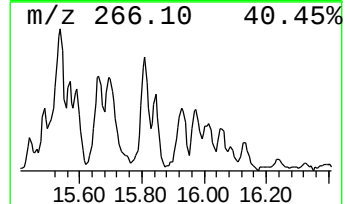
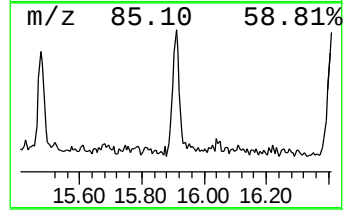
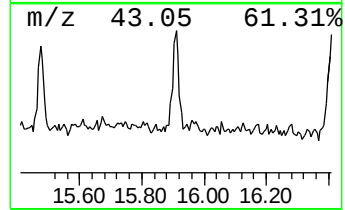
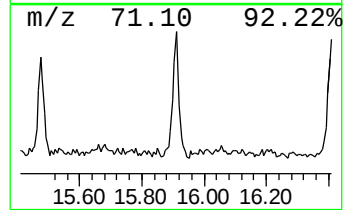
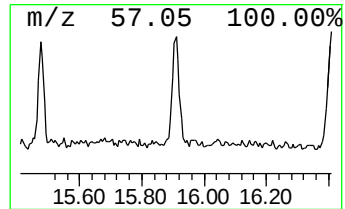
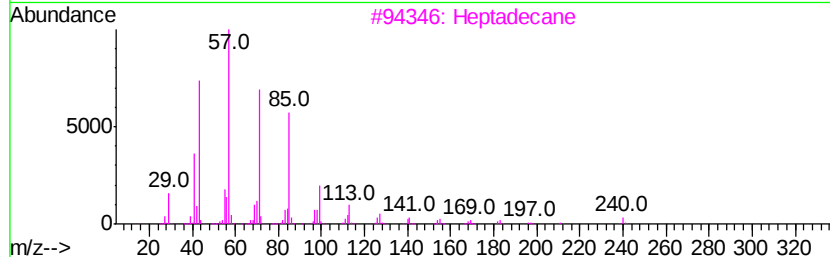
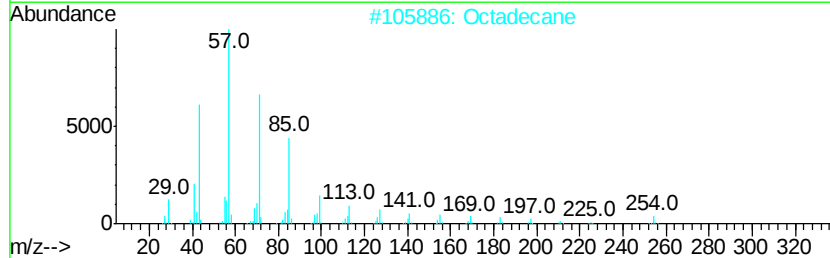
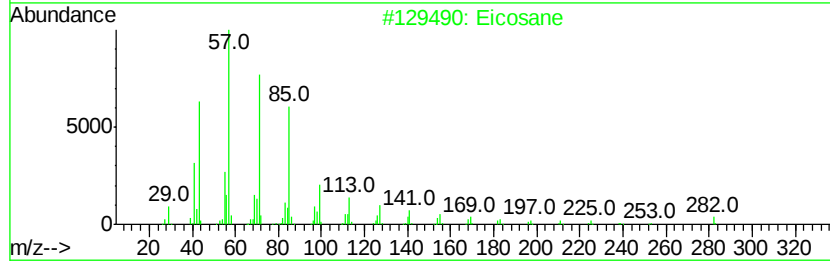
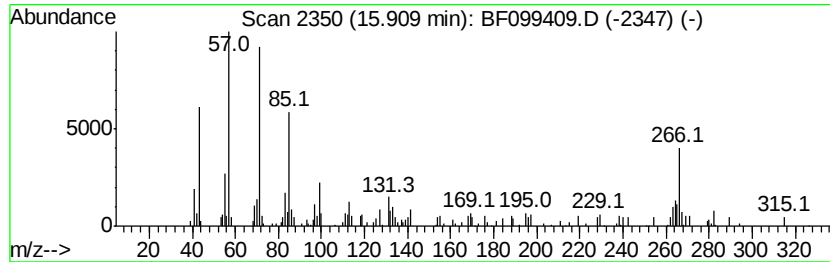
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.25 ng	102955	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	97
2	Octadecane			254	C18H38	000593-45-3	87
3	Heptadecane			240	C17H36	000629-78-7	78
4	Docosane			310	C22H46	000629-97-0	60
5	Octadecane, 2-methyl-			268	C19H40	001560-88-9	60



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Sample : I5729-09
Misc :
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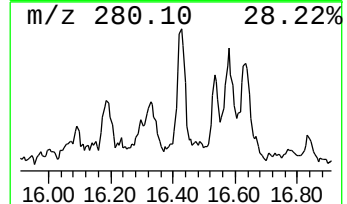
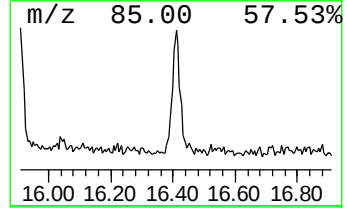
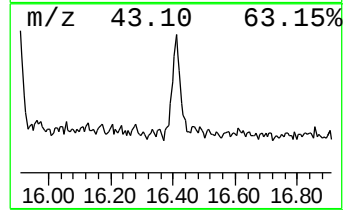
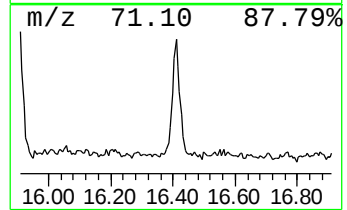
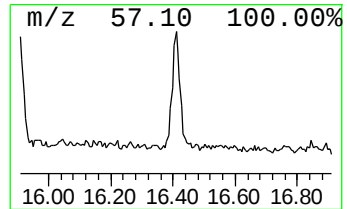
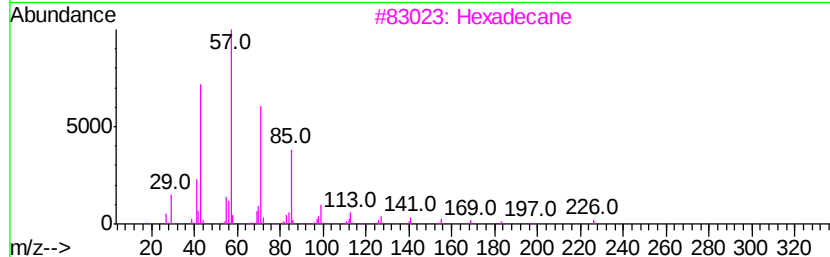
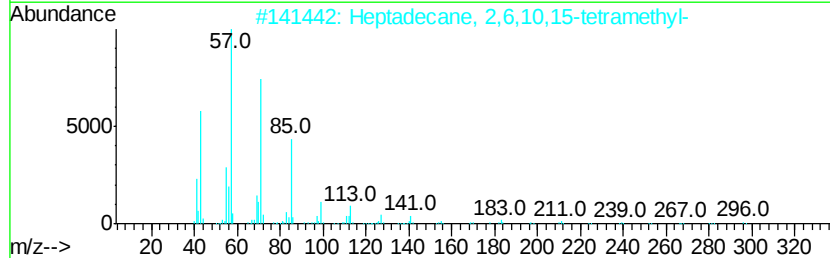
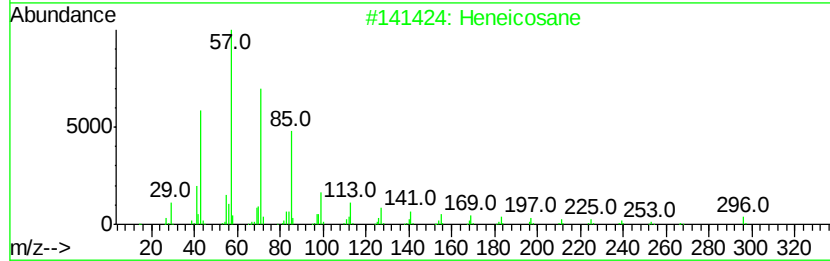
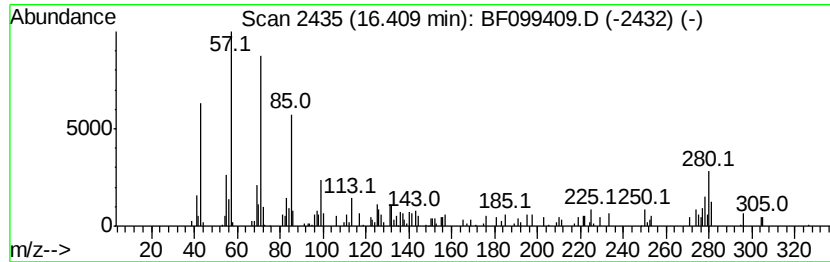
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.41	3.64 ng	115238	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
3	Hexadecane	226	C16H34	000544-76-3	60
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099409.D
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Instrument :
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ClientSampleId :
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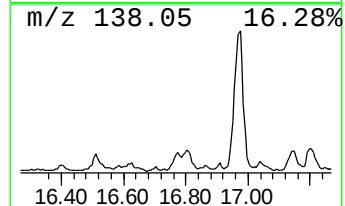
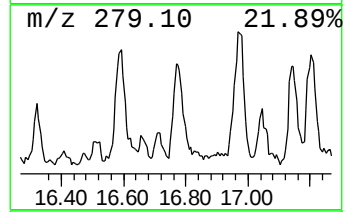
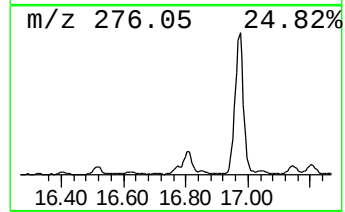
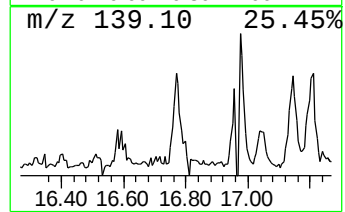
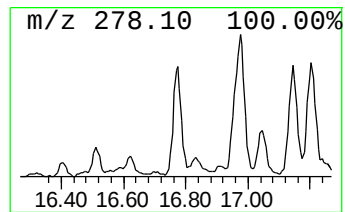
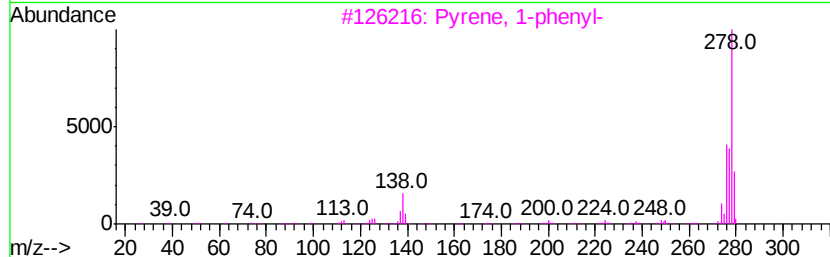
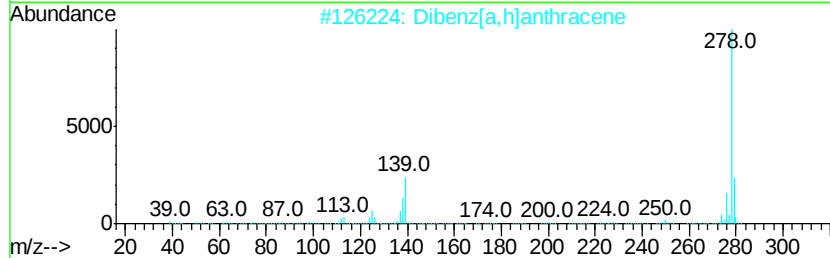
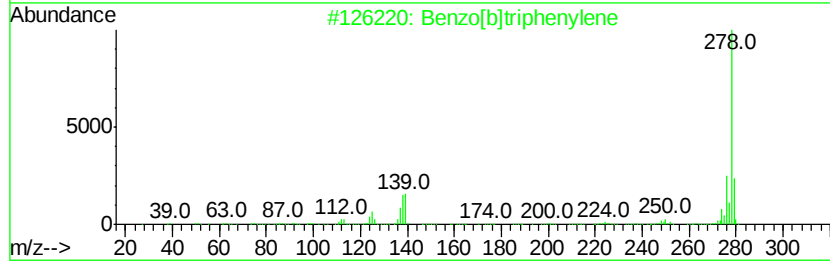
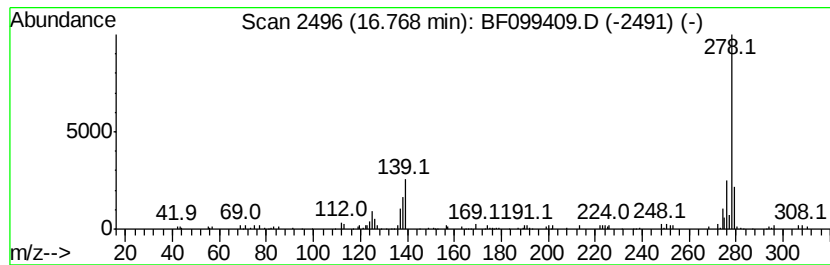
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.17 ng	100509	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	92
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
3		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	86
4		Pentacene	278	C22H14	000135-48-8	81
5		Picene	278	C22H14	000213-46-7	81



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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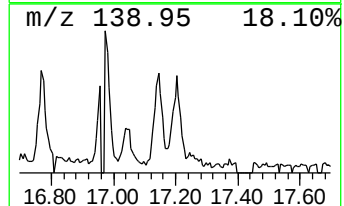
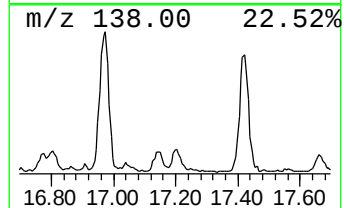
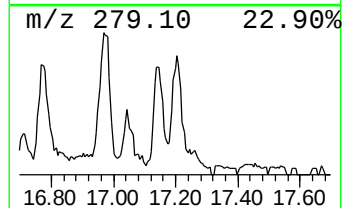
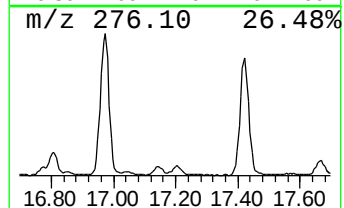
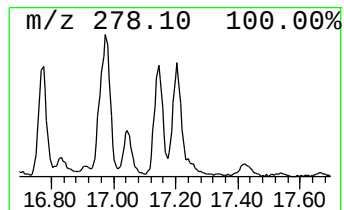
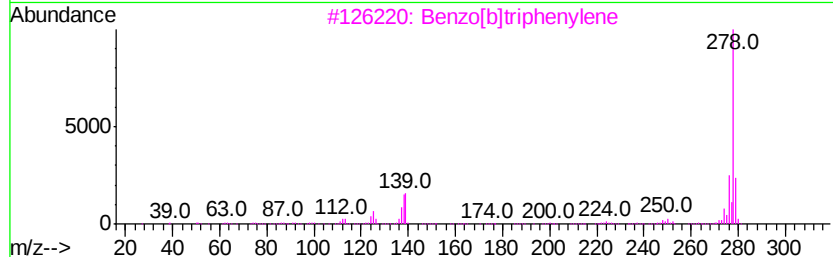
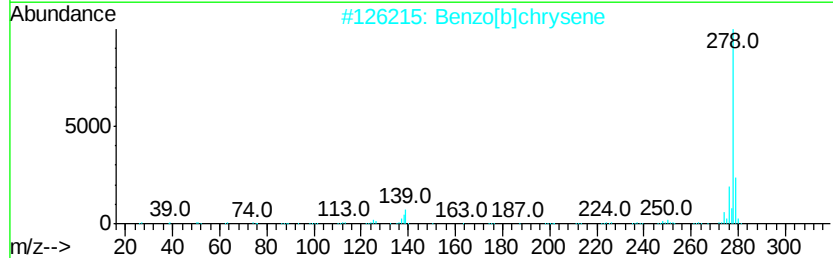
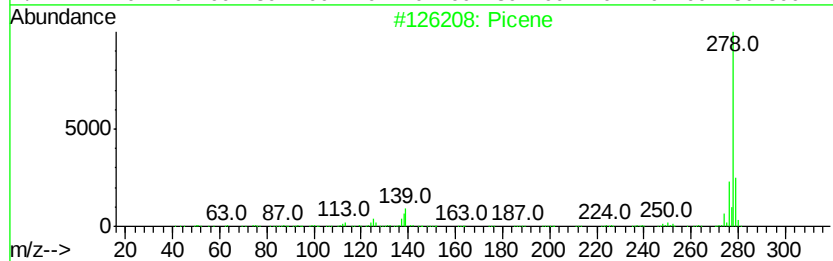
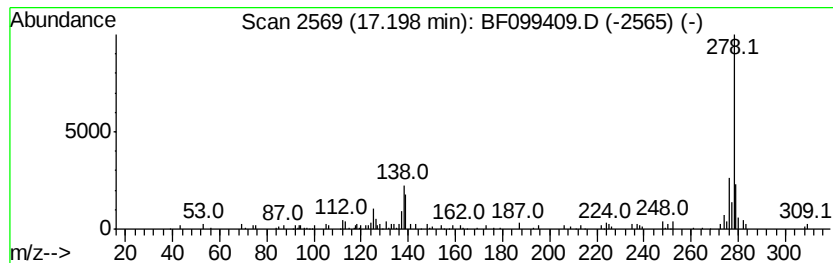
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	4.01 ng	126854	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	95
2			Benzo[b]chrysene	278	C22H14	000214-17-5	93
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81
5			Pentaphene	278	C22H14	000222-93-5	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
Data File : BF099409.D
Acq On : 12 Oct 2017 21:56
Operator : SJ/JU
Sample : I5729-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.14	4.7	ng	165921	1	6.85	702652	20.0
2-Pentanone, 4-hy...	5.08	10.9	ng	382502	1	6.85	702652	20.0
unknown6.62	6.62	61.9	ng	2174610	1	6.85	702652	20.0
Pentadecane, 2,6,...	10.79	4.2	ng	145502	4	11.37	686183	20.0
Anthracene, 2-met...	11.87	4.3	ng	147441	4	11.37	686183	20.0
Phenanthrene, 2-m...	11.90	5.8	ng	197474	4	11.37	686183	20.0
4H-Cyclopenta[def...	11.99	6.3	ng	214493	4	11.37	686183	20.0
Phenanthrene, 2,5...	12.42	4.6	ng	159088	4	11.37	686183	20.0
Cyclopenta(def)ph...	12.52	3.2	ng	110883	4	11.37	686183	20.0
Benz(a)anthracene...	14.90	3.8	ng	119389	6	15.49	633451	20.0
Dinaphtho[1,2-b:1...	15.25	5.4	ng	170267	6	15.49	633451	20.0
Benzo[e]pyrene	15.37	29.5	ng	935188	6	15.49	633451	20.0
Eicosane	15.91	3.3	ng	102955	6	15.49	633451	20.0
Heneicosane	16.41	3.6	ng	115238	6	15.49	633451	20.0
Benzo[b]triphenylene	16.77	3.2	ng	100509	6	15.49	633451	20.0
Picene	17.20	4.0	ng	126854	6	15.49	633451	20.0