

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099402.D
 Acq On : 12 Oct 2017 18:40
 Operator : SJ/JU
 Sample : I5729-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2N-(1-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	2.505	61	71	77	rVB	101752	152651	6.54%	0.395%
2	3.004	139	156	161	rVB	41216	106366	4.55%	0.275%
3	5.081	502	509	519	rBV	292035	452340	19.37%	1.169%
4	5.440	567	570	573	rBV2	73030	79747	3.42%	0.206%
5	5.481	573	577	585	rVB	1987133	2100397	89.95%	5.428%
6	5.698	611	614	618	rBV2	87082	89714	3.84%	0.232%
7	6.104	676	683	688	rBV3	59428	108711	4.66%	0.281%
8	6.487	743	748	752	rBV	1883890	2133518	91.36%	5.514%
9	6.622	767	771	775	rBV	2225745	2203421	94.36%	5.694%
10	6.675	777	780	783	rBV2	135798	121213	5.19%	0.313%
11	6.851	807	810	816	rVB	855965	732955	31.39%	1.894%
12	7.010	831	837	840	rBV	1958489	1765294	75.60%	4.562%
13	7.416	902	906	909	rBV	1355020	1360125	58.24%	3.515%
14	7.439	909	910	914	rVB	129327	65580	2.81%	0.169%
15	7.869	975	983	989	rBV6	62837	105064	4.50%	0.272%
16	8.104	1020	1023	1025	rBV	141431	116207	4.98%	0.300%
17	8.134	1025	1028	1030	rVV	1063407	905945	38.80%	2.341%
18	8.157	1030	1032	1034	rVV	259090	205221	8.79%	0.530%
19	8.186	1034	1037	1039	rVB	82761	74016	3.17%	0.191%
20	8.545	1095	1098	1101	rBV	164953	138906	5.95%	0.359%
21	8.716	1124	1127	1130	rVV	145035	115257	4.94%	0.298%
22	8.845	1146	1149	1152	rVB	330513	250900	10.74%	0.648%
23	8.945	1162	1166	1169	rBV	289920	229799	9.84%	0.594%
24	9.145	1197	1200	1202	rVB	103546	82216	3.52%	0.212%
25	9.210	1205	1211	1214	rBV	2489999	2335196	100.00%	6.035%
26	9.281	1219	1223	1225	rBV	148351	136036	5.83%	0.352%
27	9.304	1225	1227	1232	rVB	75682	64057	2.74%	0.166%
28	9.475	1251	1256	1259	rBV	98376	122315	5.24%	0.316%
29	9.545	1264	1268	1270	rBV	174123	170822	7.32%	0.441%
30	9.569	1270	1272	1274	rVV	125104	99880	4.28%	0.258%
31	9.598	1274	1277	1280	rVV	482210	370065	15.85%	0.956%
32	9.663	1284	1288	1290	rBV2	120945	124555	5.33%	0.322%
33	9.810	1305	1313	1315	rBV	150895	148835	6.37%	0.385%
34	9.886	1323	1326	1329	rVV	938350	793224	33.97%	2.050%

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35	9.922	1329	1332	1334	rVB	126324	115293	4.94%	0.298%
36	10.045	1347	1353	1355	rBV2	71356	104037	4.46%	0.269%
37	10.092	1357	1361	1364	rVV2	187282	200558	8.59%	0.518%
38	10.128	1364	1367	1371	rVB2	95297	89604	3.84%	0.232%
39	10.198	1376	1379	1382	rBV	64632	73307	3.14%	0.189%
40	10.292	1390	1395	1396	rVV2	99640	133102	5.70%	0.344%
41	10.310	1396	1398	1400	rVB	182852	145610	6.24%	0.376%
42	10.433	1415	1419	1425	rBV2	153807	190965	8.18%	0.494%
43	10.522	1431	1434	1438	rBV	96583	105981	4.54%	0.274%
44	10.592	1442	1446	1450	rVB2	115962	144155	6.17%	0.373%
45	10.680	1457	1461	1464	rVV	1158073	1145518	49.05%	2.960%
46	10.792	1474	1480	1487	rVB2	379023	537732	23.03%	1.390%
47	10.980	1506	1512	1515	rBV6	38956	73570	3.15%	0.190%
48	11.110	1530	1534	1537	rBV3	76310	121796	5.22%	0.315%
49	11.180	1543	1546	1549	rBV	150019	128918	5.52%	0.333%
50	11.227	1549	1554	1556	rVV2	211936	217626	9.32%	0.562%
51	11.257	1556	1559	1560	rVV2	76446	81747	3.50%	0.211%
52	11.269	1560	1561	1566	rVB	96520	79687	3.41%	0.206%
53	11.375	1575	1579	1581	rBV	781739	722928	30.96%	1.868%
54	11.398	1581	1583	1587	rVV	1179989	1060320	45.41%	2.740%
55	11.451	1587	1592	1595	rVV	258728	246016	10.54%	0.636%
56	11.604	1614	1618	1622	rVV2	181856	214559	9.19%	0.555%
57	11.651	1623	1626	1633	rVV2	154949	194922	8.35%	0.504%
58	11.874	1661	1664	1666	rBV	156303	149517	6.40%	0.386%
59	11.904	1666	1669	1672	rVB	277854	274950	11.77%	0.711%
60	11.951	1674	1677	1680	rVV	68194	62661	2.68%	0.162%
61	11.986	1680	1683	1686	rVV2	263407	300312	12.86%	0.776%
62	12.010	1686	1687	1690	rVB	148768	83716	3.58%	0.216%
63	12.057	1692	1695	1698	rBV	136996	127207	5.45%	0.329%
64	12.169	1711	1714	1717	rVV	167530	144223	6.18%	0.373%
65	12.204	1717	1720	1724	rVB	139236	141705	6.07%	0.366%
66	12.422	1754	1757	1760	rBV	125713	149784	6.41%	0.387%
67	12.451	1760	1762	1766	rVV5	132529	147093	6.30%	0.380%
68	12.516	1770	1773	1777	rBV2	150337	144540	6.19%	0.374%
69	12.592	1782	1786	1789	rBV	1733763	1451233	62.15%	3.751%
70	12.821	1818	1825	1830	rBV2	1594292	1791861	76.73%	4.631%
71	12.869	1830	1833	1837	rVB2	120144	129400	5.54%	0.334%

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 Stop Thrs : 0 Peak Location: TOP

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72	12.957	1841	1848	1851	rBV	1680832	1654811	70.86%	4.277%
73	12.980	1851	1852	1856	rVB	121285	75025	3.21%	0.194%
74	13.033	1857	1861	1865	rBV3	104875	198272	8.49%	0.512%
75	13.121	1873	1876	1878	rBV2	109702	142051	6.08%	0.367%
76	13.145	1878	1880	1883	rVB	199421	169548	7.26%	0.438%
77	13.174	1883	1885	1889	rBV3	93775	91301	3.91%	0.236%
78	13.216	1889	1892	1894	rBV	115154	110875	4.75%	0.287%
79	13.251	1894	1898	1900	rBV2	150180	154944	6.64%	0.400%
80	13.374	1916	1919	1922	rBV2	100343	114919	4.92%	0.297%
81	13.516	1941	1943	1946	rBV2	70564	69000	2.95%	0.178%
82	13.568	1950	1952	1955	rVB2	72924	68177	2.92%	0.176%
83	13.657	1964	1967	1971	rVB	211286	192372	8.24%	0.497%
84	13.763	1983	1985	1988	rVB2	130767	116402	4.98%	0.301%
85	13.792	1988	1990	1992	rVB	133583	93522	4.00%	0.242%
86	13.821	1992	1995	1996	rBV	113711	110867	4.75%	0.287%
87	13.868	2001	2003	2006	rVB	191495	148875	6.38%	0.385%
88	13.986	2020	2023	2024	rBV2	86669	103059	4.41%	0.266%
89	14.016	2024	2028	2031	rVV2	969271	1493746	63.97%	3.860%
90	14.045	2031	2033	2036	rVB	806746	635644	27.22%	1.643%
91	14.127	2044	2047	2049	rBV	96584	80049	3.43%	0.207%
92	14.404	2092	2094	2096	rVB	149195	105582	4.52%	0.273%
93	15.063	2202	2206	2209	rBV	580057	861916	36.91%	2.228%
94	15.168	2222	2224	2229	rBV	80159	91045	3.90%	0.235%
95	15.368	2254	2258	2264	rVB	357252	480672	20.58%	1.242%
96	15.433	2264	2269	2273	rVV	464465	582905	24.96%	1.506%
97	15.492	2275	2279	2282	rVV	420454	552324	23.65%	1.427%
98	15.527	2282	2285	2291	rVB2	141099	192854	8.26%	0.498%
99	16.974	2526	2531	2539	rVB	203015	416447	17.83%	1.076%
100	17.427	2603	2608	2619	rVB	144106	300098	12.85%	0.776%

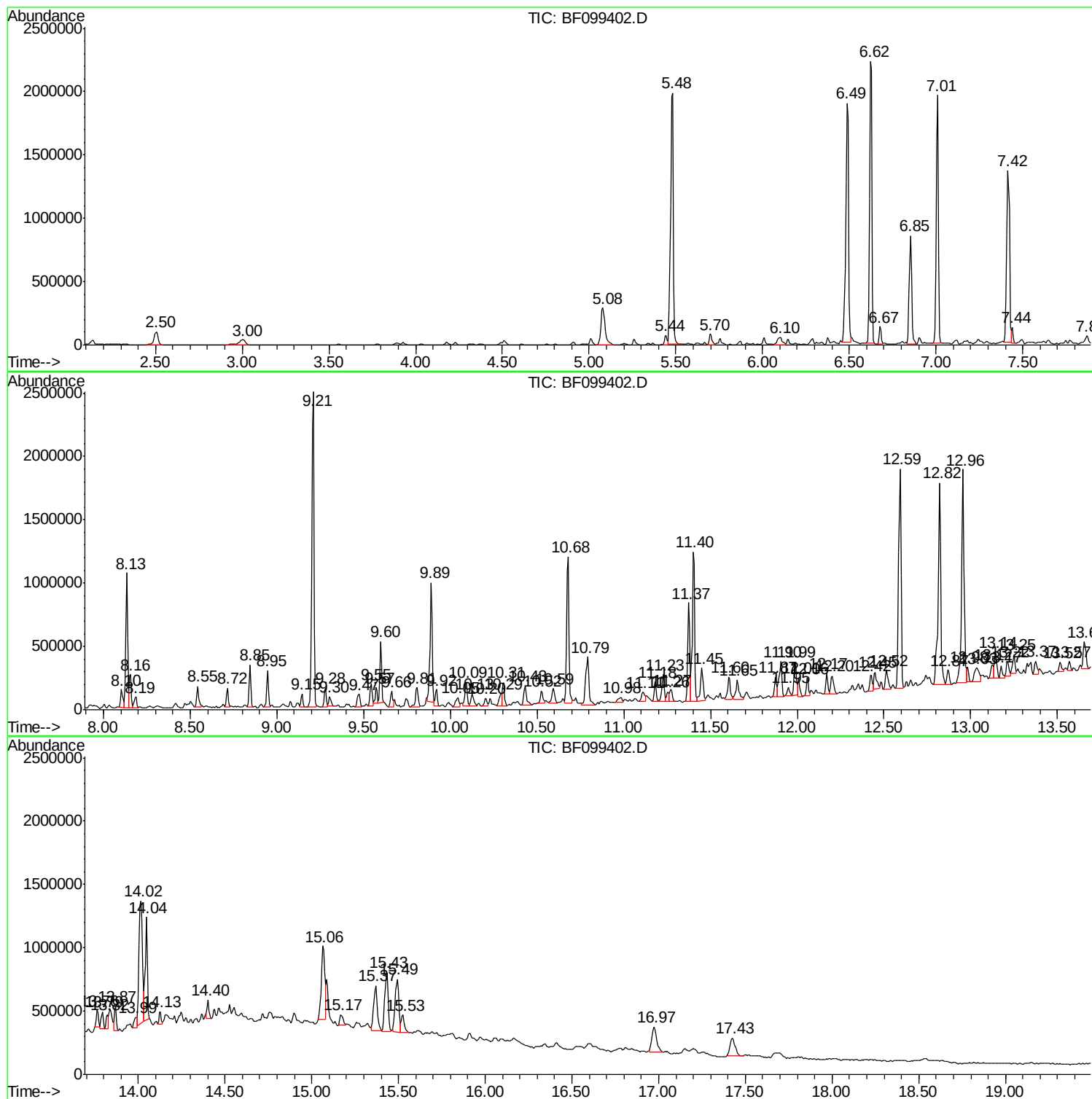
Sum of corrected areas: 38694003

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Instrument :
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ClientSampled :
2N-(1-2)

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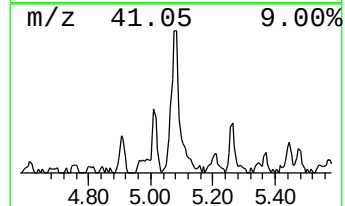
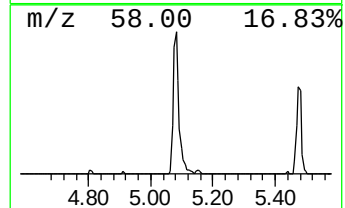
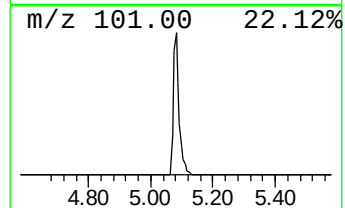
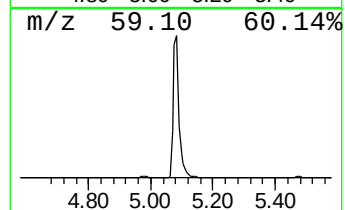
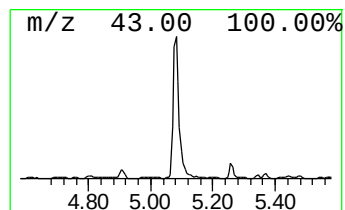
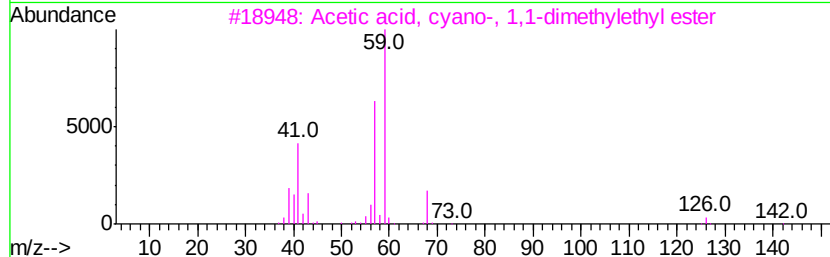
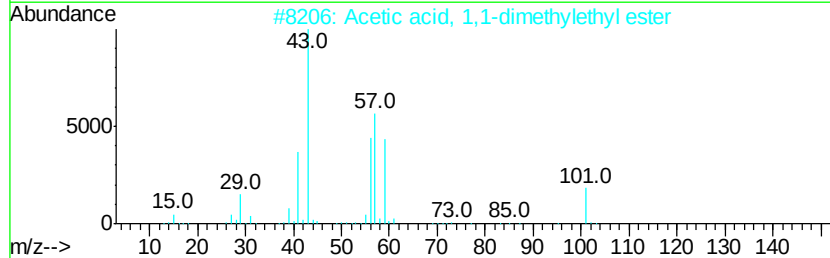
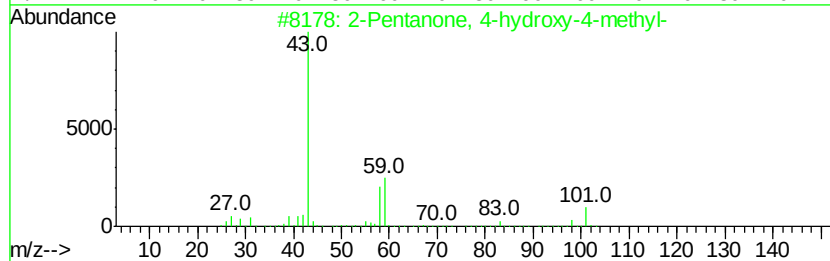
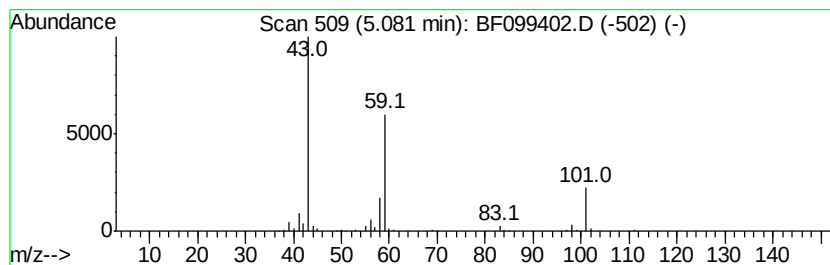
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.08	12.34 ng	452340	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cvano-, 1,1-dimethv...	141	C7H11NO2	001116-98-9	23
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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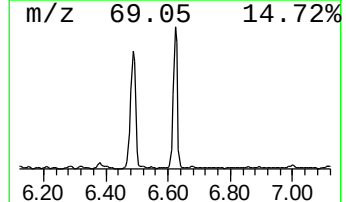
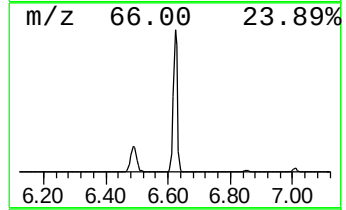
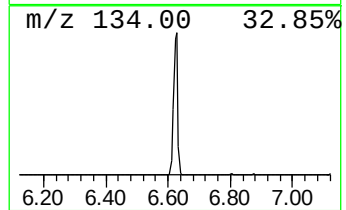
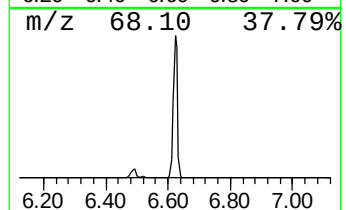
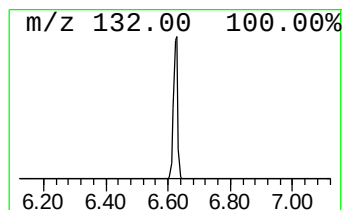
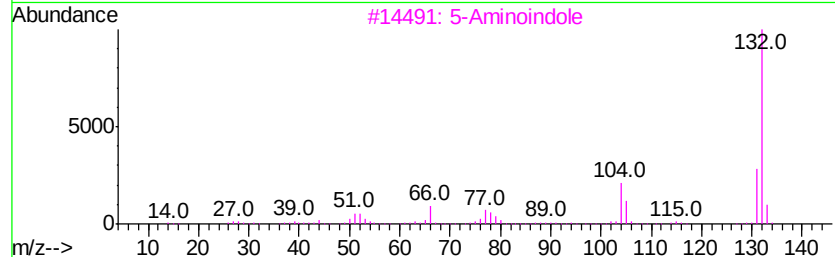
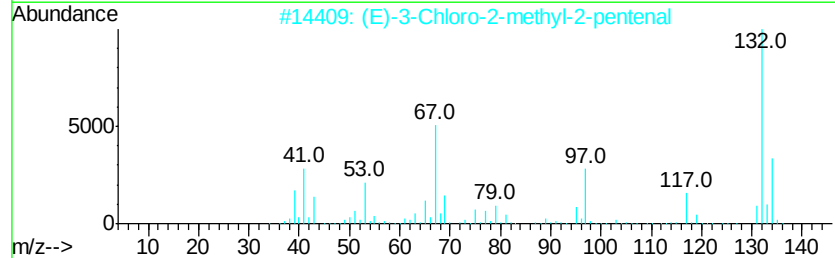
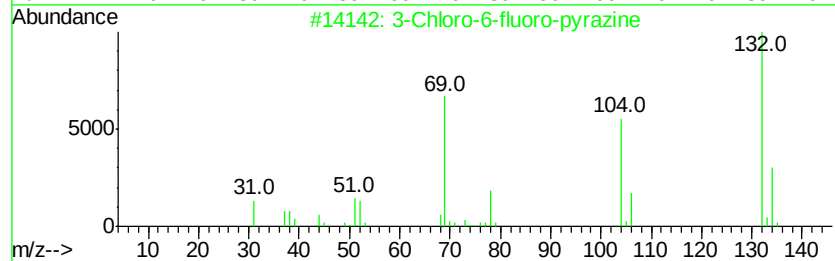
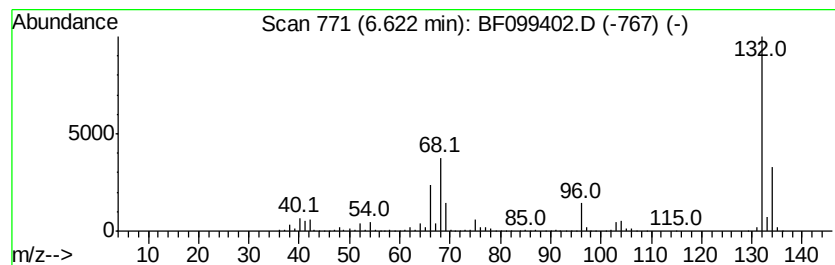
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	60.12 ng	2203420	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	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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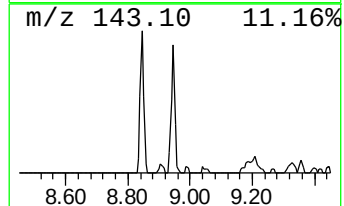
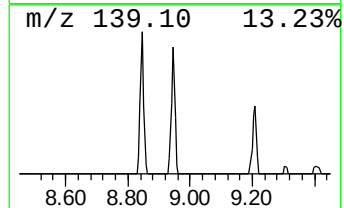
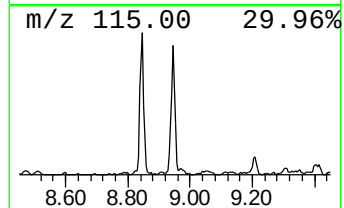
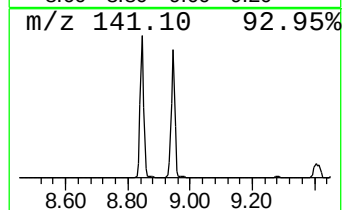
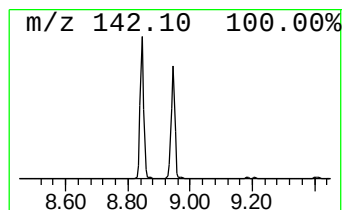
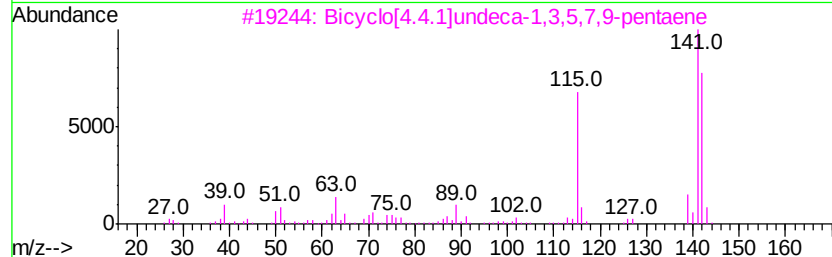
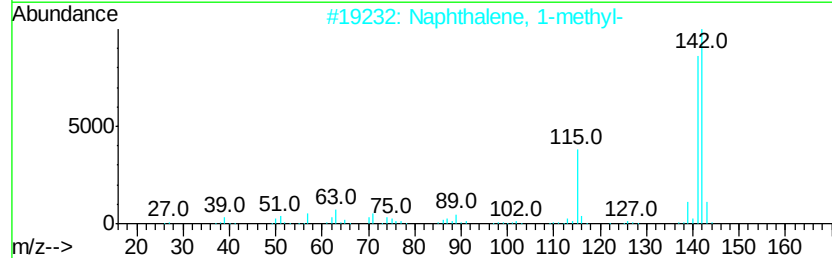
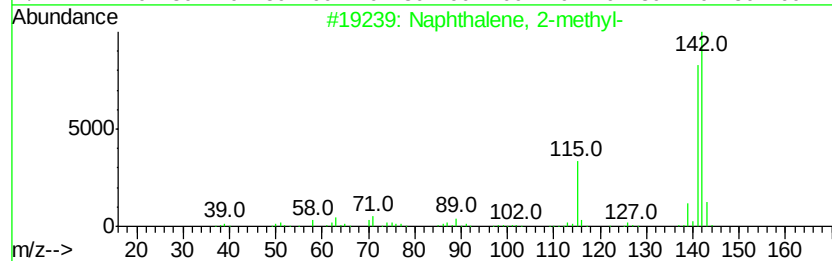
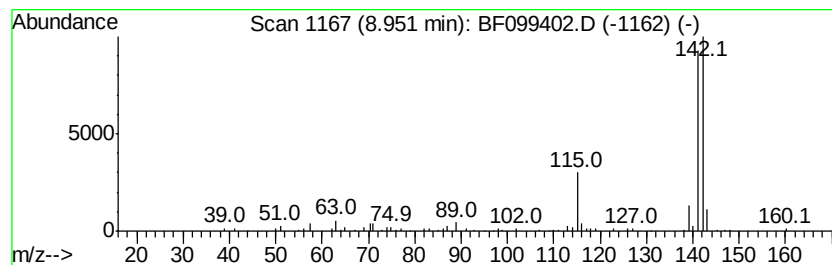
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	5.07 ng	229799	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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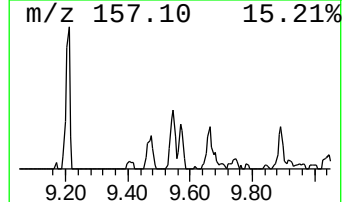
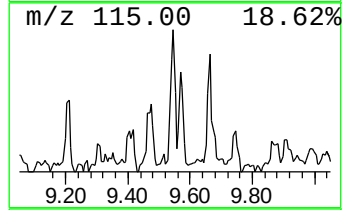
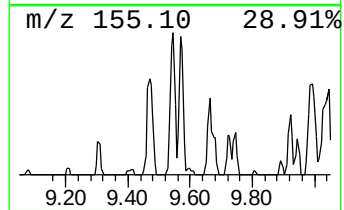
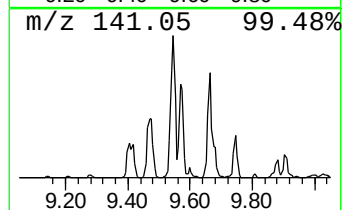
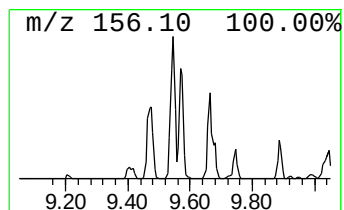
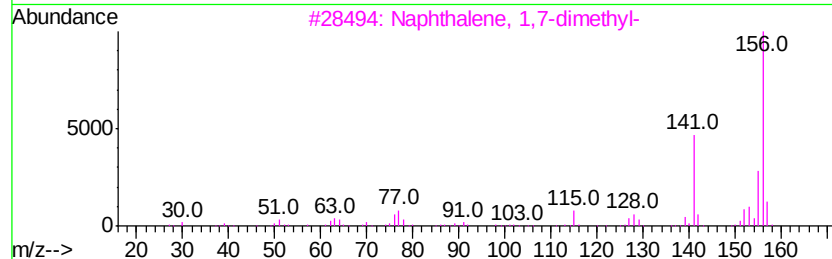
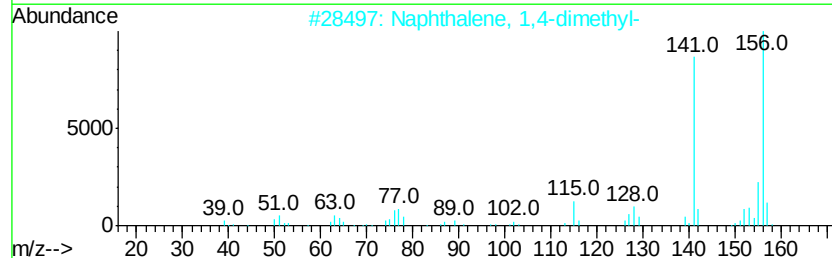
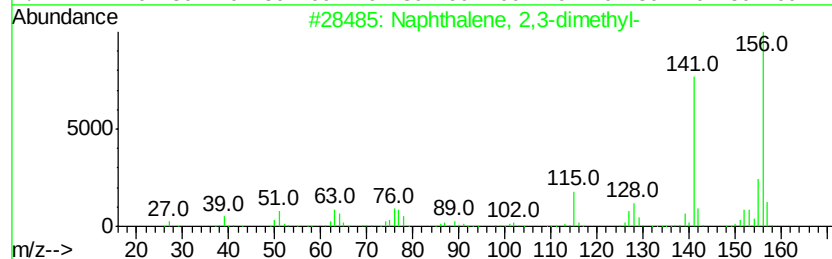
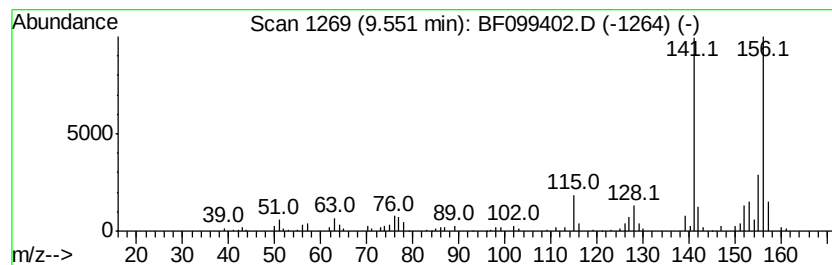
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.31 ng	170822	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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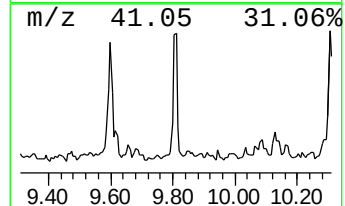
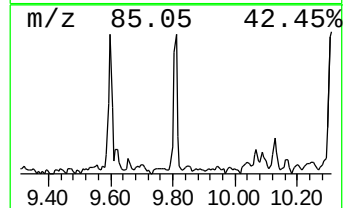
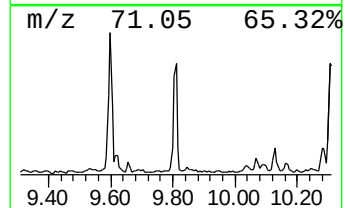
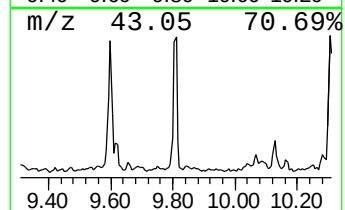
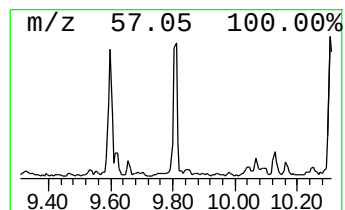
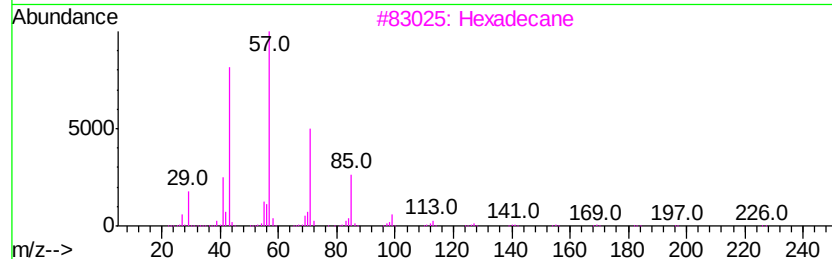
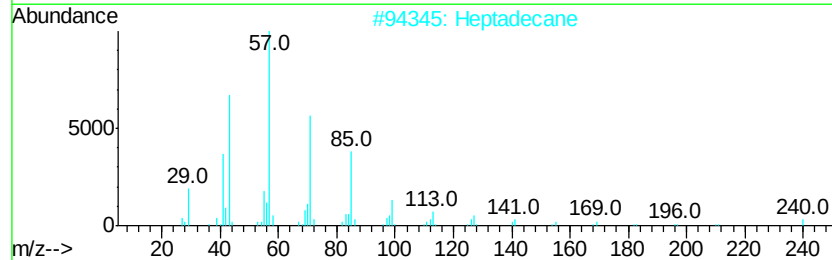
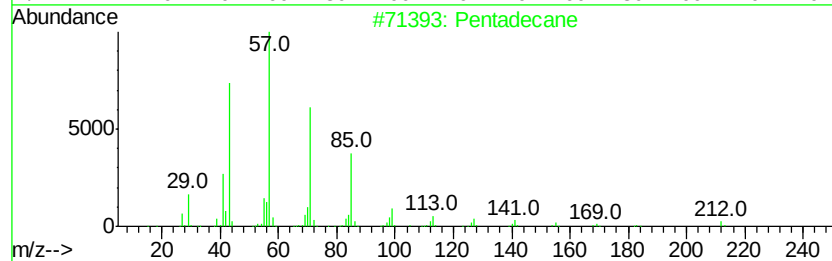
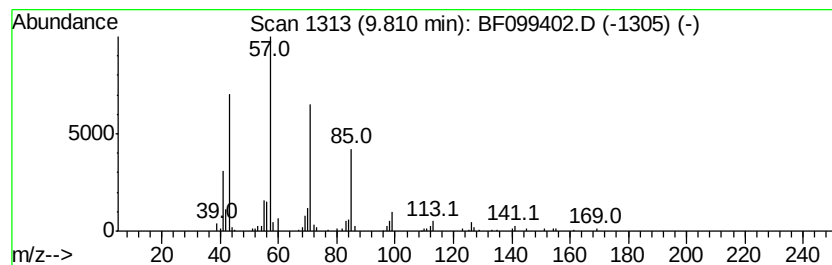
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	3.75 ng	148835	Acenaphthene-d10	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	86
2	Heptadecane		240	C17H36	000629-78-7	83
3	Hexadecane		226	C16H34	000544-76-3	72
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	72
5	Decane, 1-bromo-2-methyl-		234	C11H23Br	127839-47-8	64



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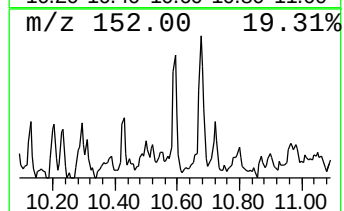
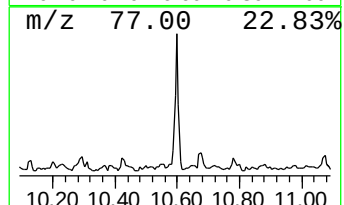
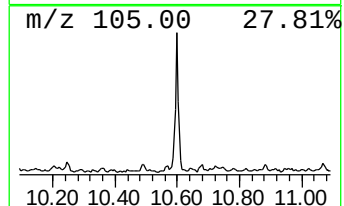
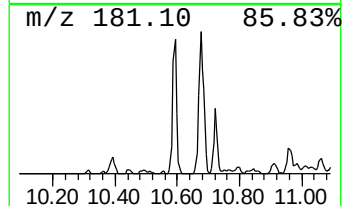
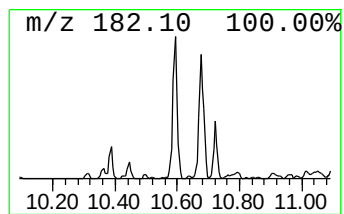
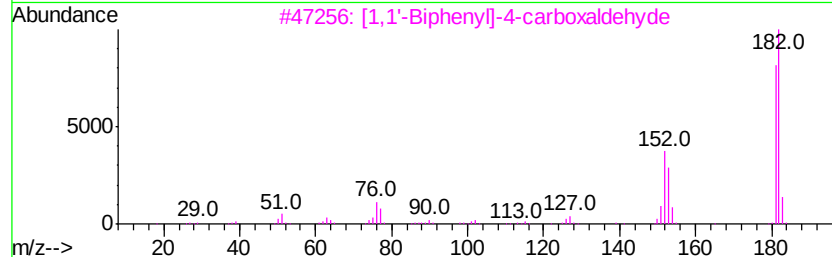
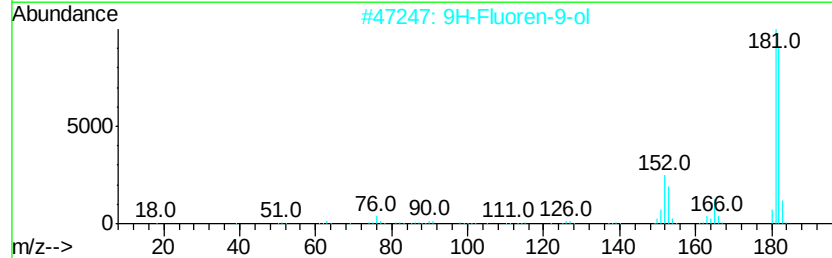
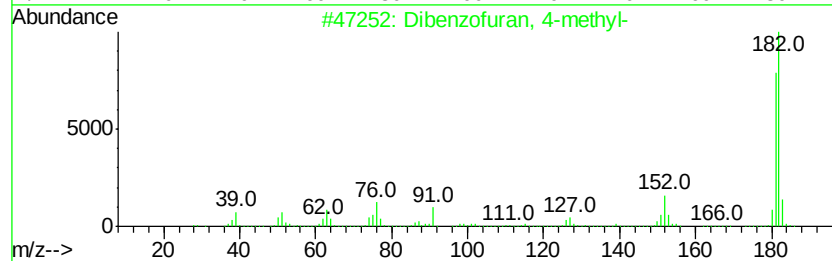
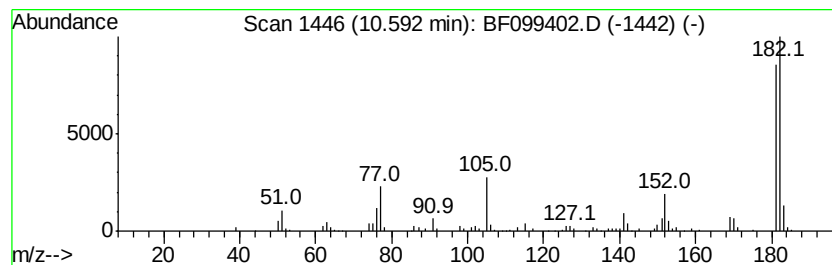
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.59	3.63 ng	144155	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
4	Benzaldehyde, 4-hydroxy-3,5-dimethoxy-	182	C9H10O4	000134-96-3	50
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	50



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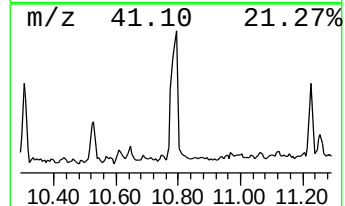
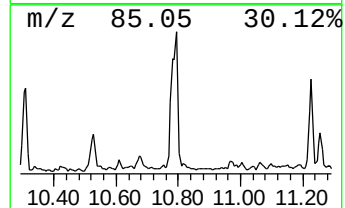
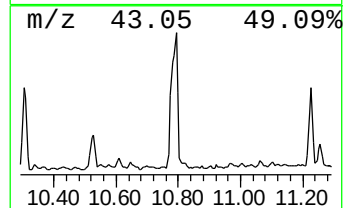
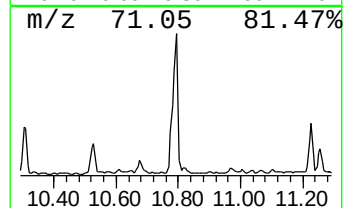
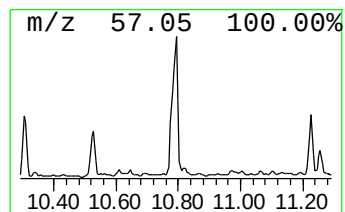
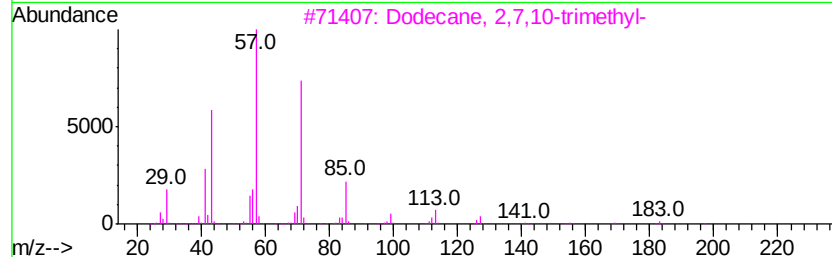
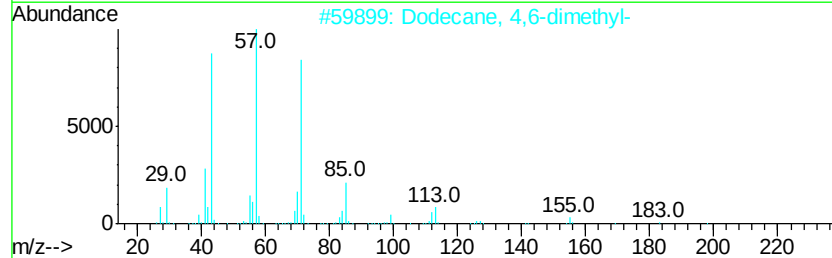
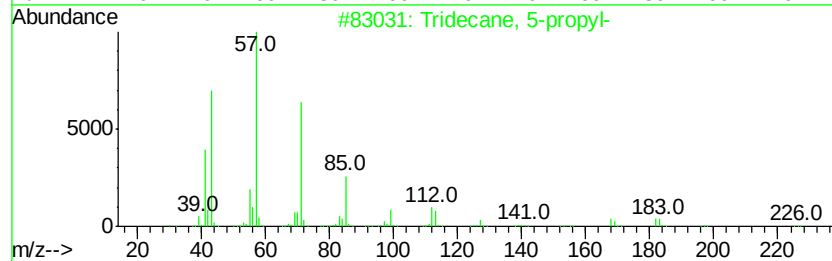
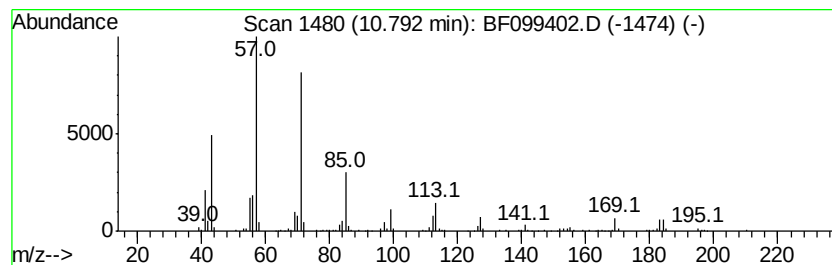
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	14.88 ng	537732	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64



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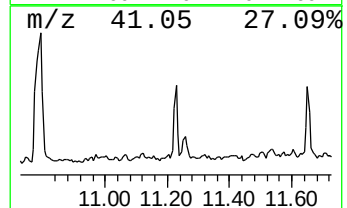
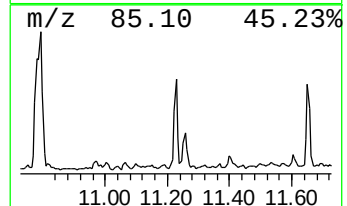
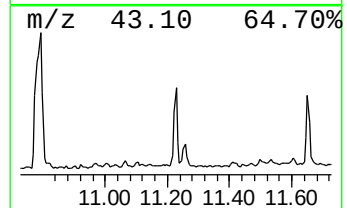
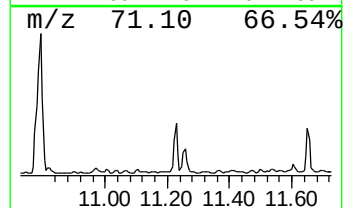
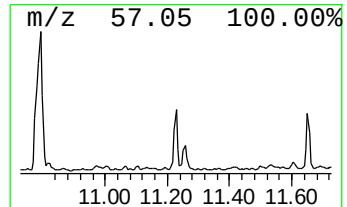
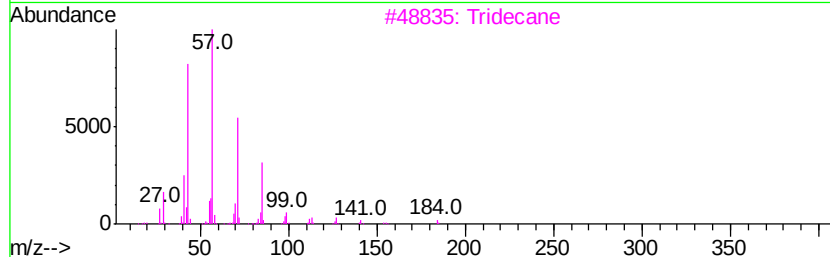
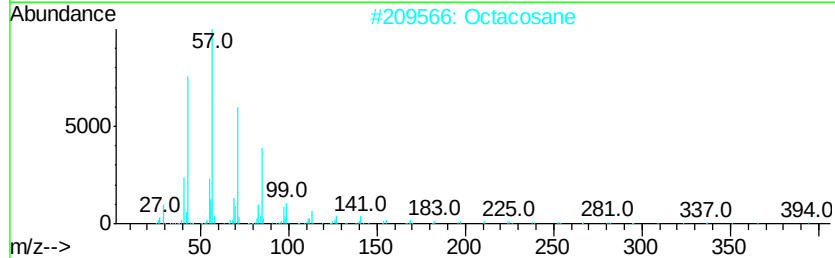
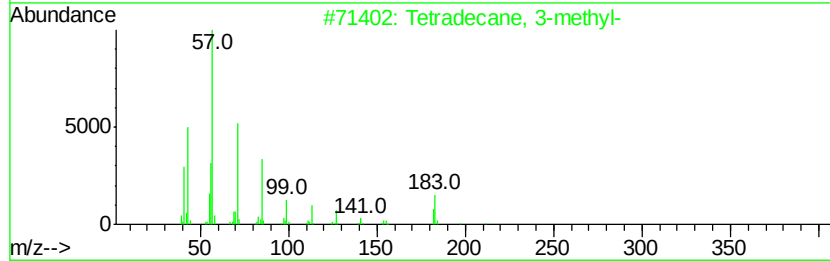
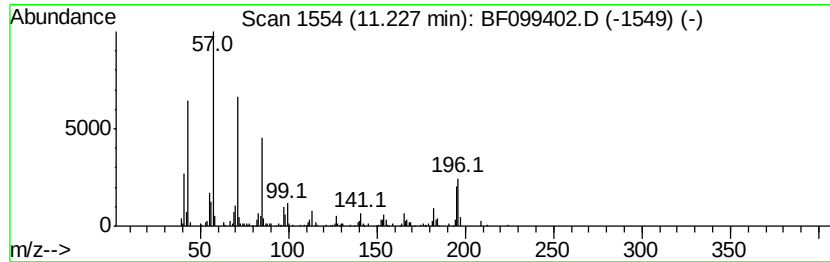
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetradecane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	6.02 ng	217626	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	62
2		Octacosane	394	C28H58	000630-02-4	58
3		Tridecane	184	C13H28	000629-50-5	55
4		Tetradecane	198	C14H30	000629-59-4	53
5		Pentadecane	212	C15H32	000629-62-9	53



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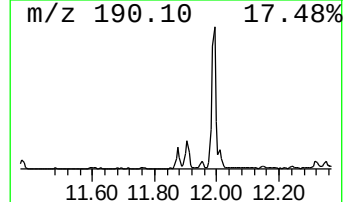
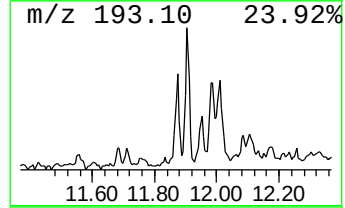
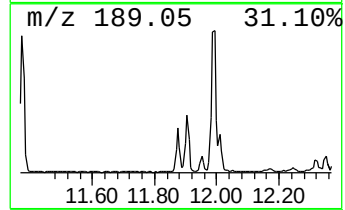
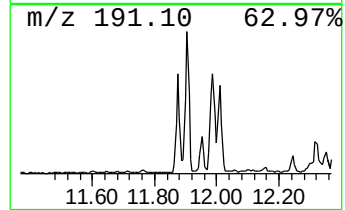
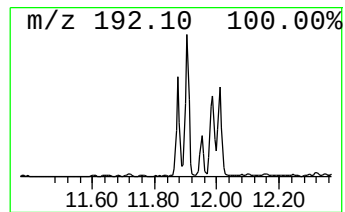
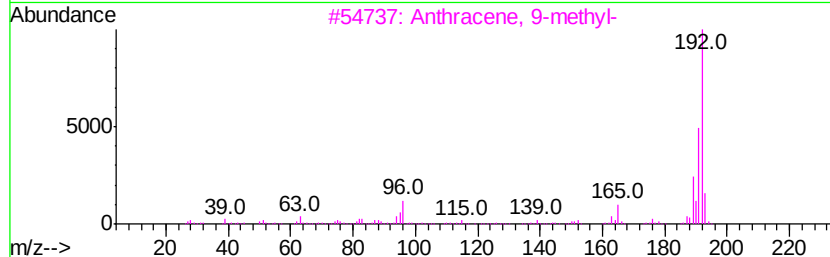
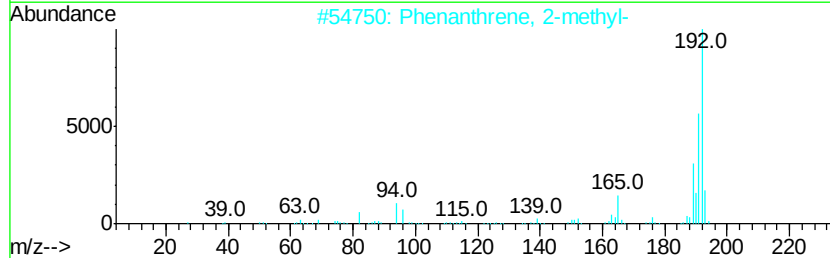
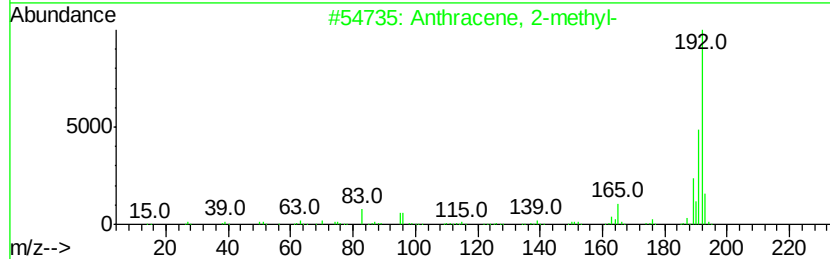
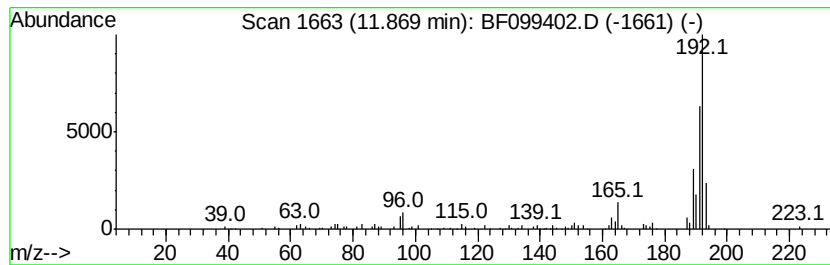
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.14 ng	149517	Phenanthrene-d10	11.37

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101217\
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ALS Vial : 7 Sample Multiplier: 1

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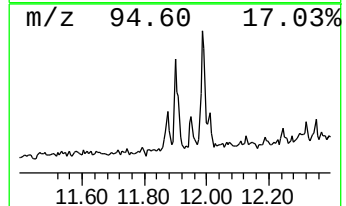
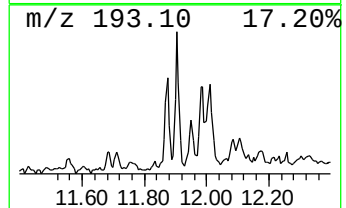
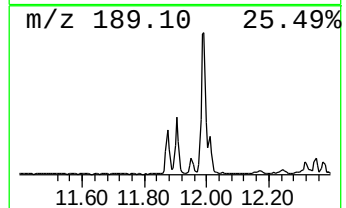
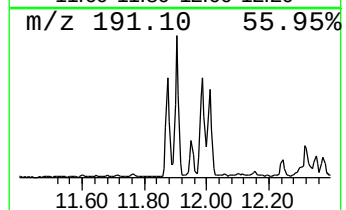
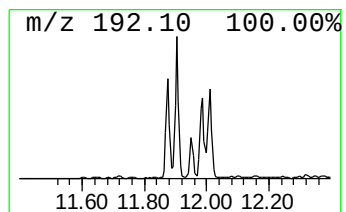
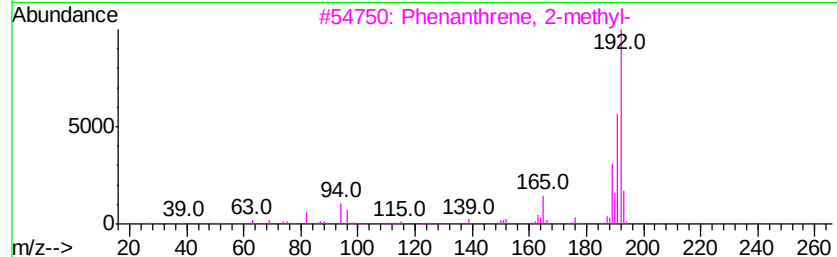
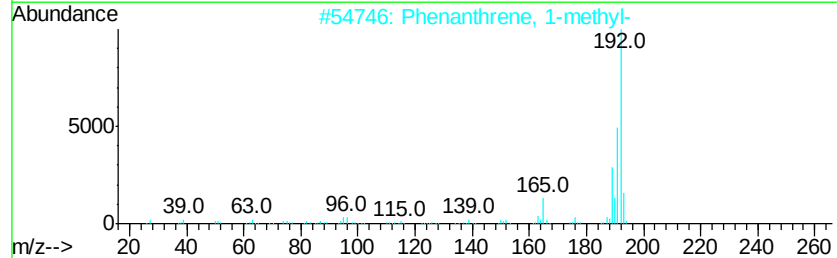
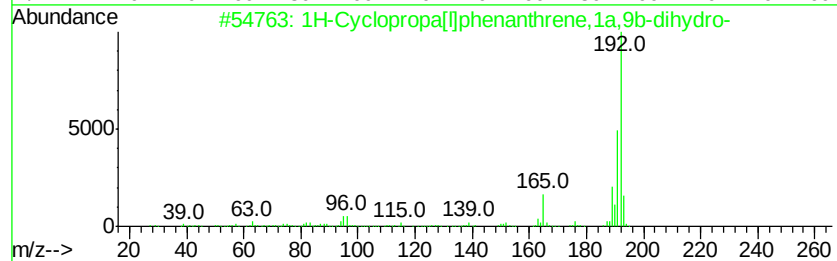
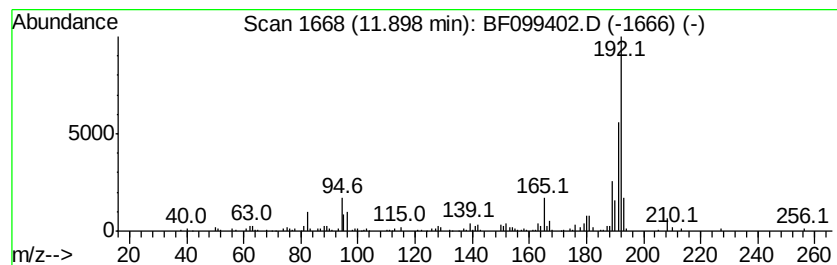
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.61 ng	274950	Phenanthrene-d10	11.37

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



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Data File : BF099402.D
Acq On : 12 Oct 2017 18:40
Operator : SJ/JU
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Misc :
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ClientSampleId :
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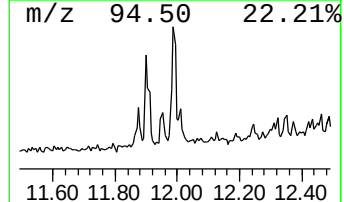
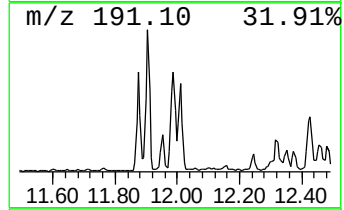
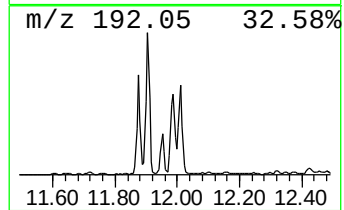
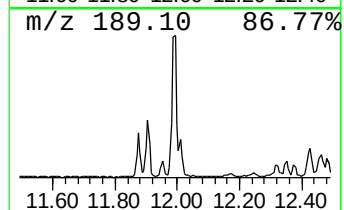
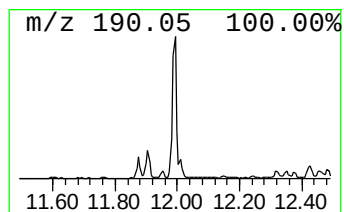
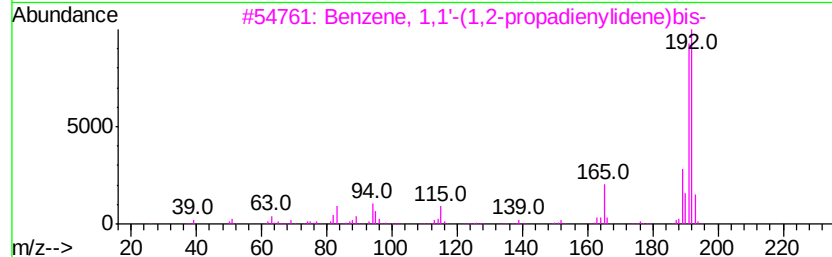
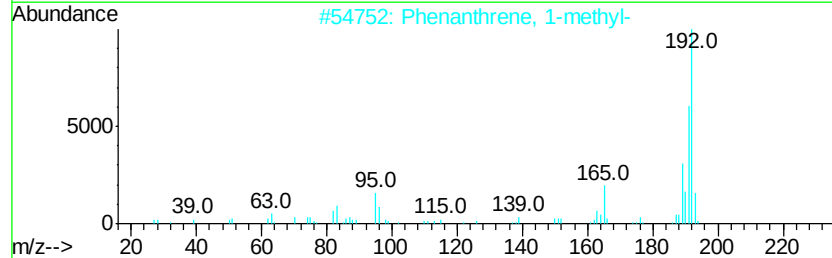
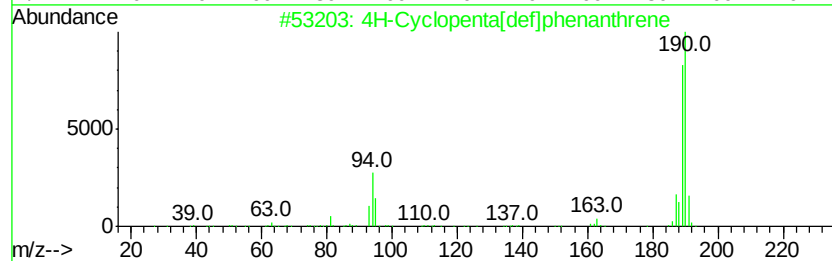
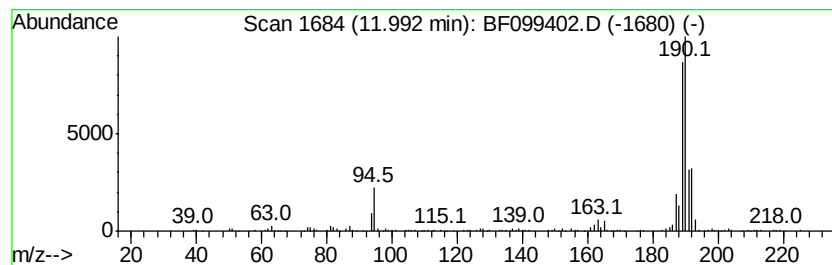
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.31 ng	300312	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
3		Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	38
4		Naphtho[2,3-b]norborene	192	C15H12	107426-38-0	38
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



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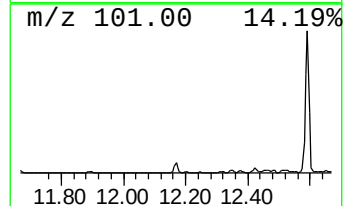
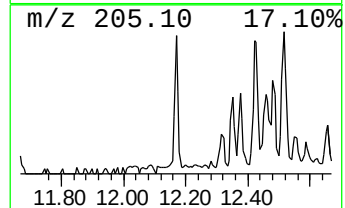
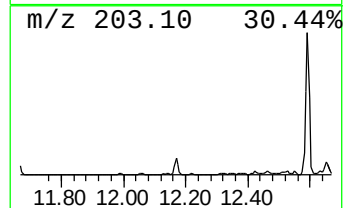
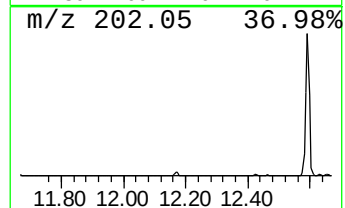
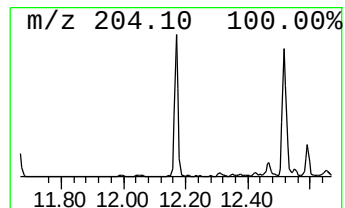
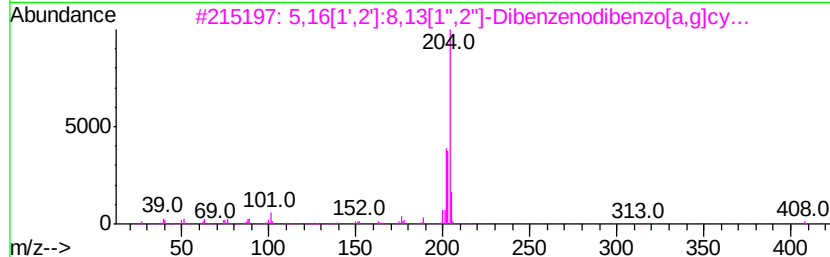
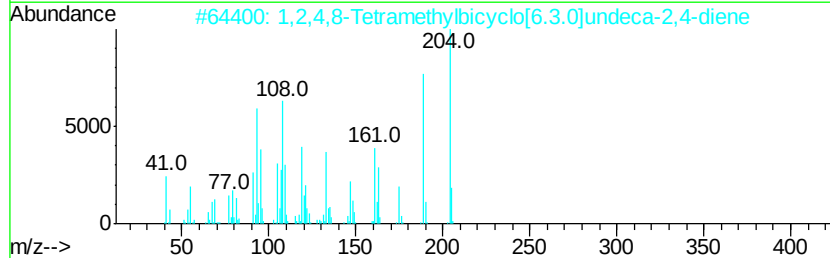
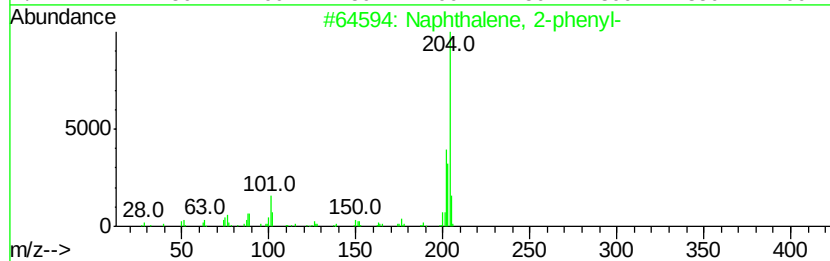
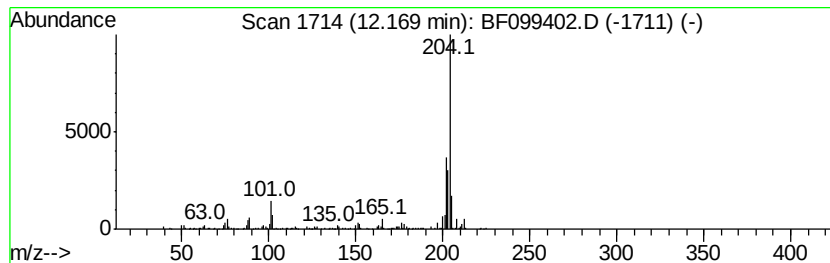
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.99 ng	144223	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53



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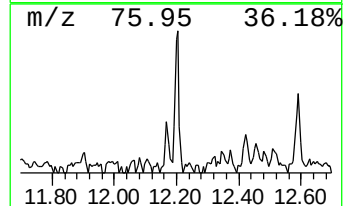
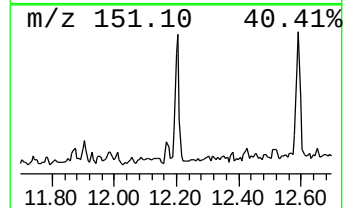
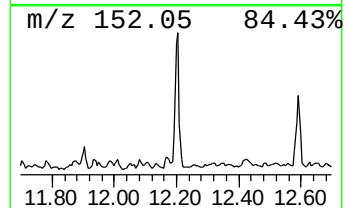
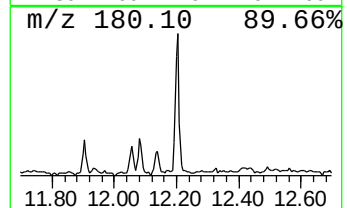
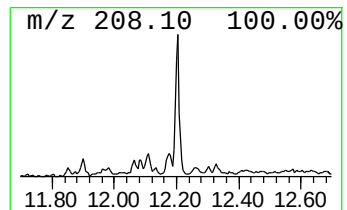
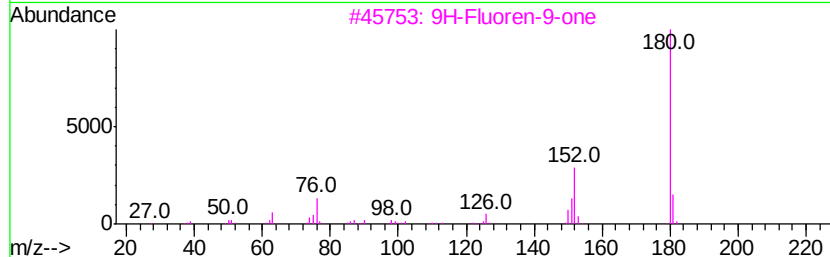
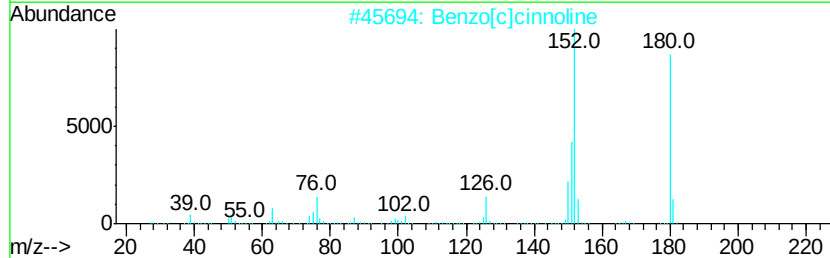
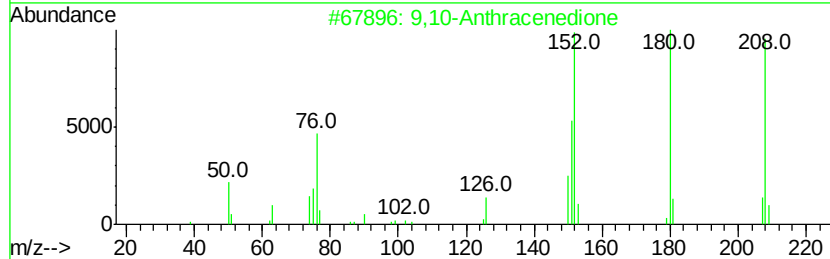
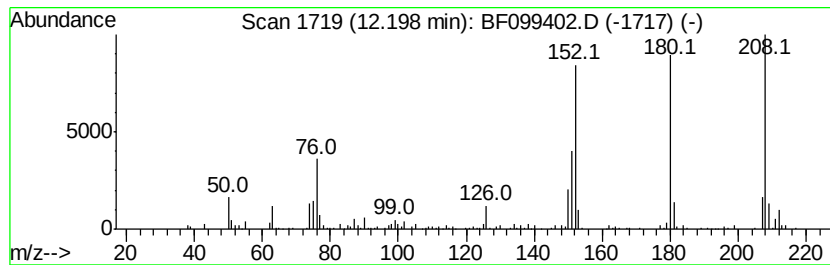
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.92 ng	141705	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



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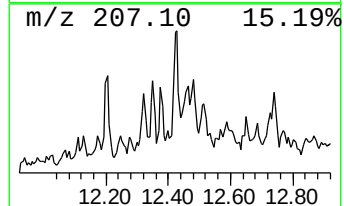
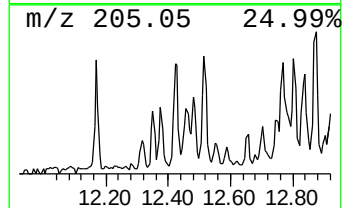
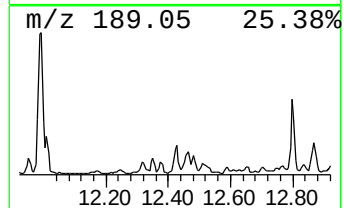
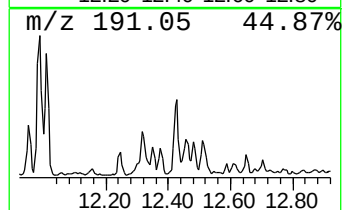
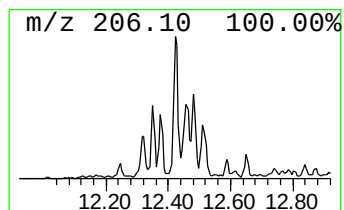
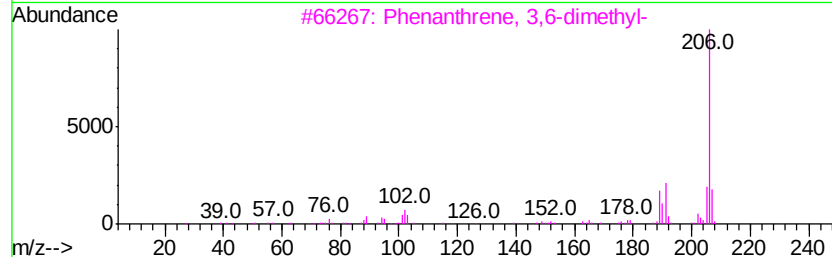
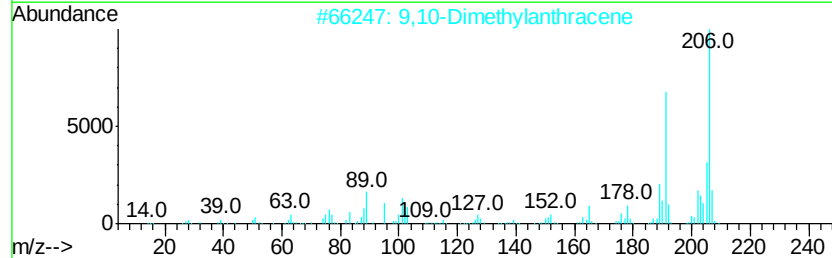
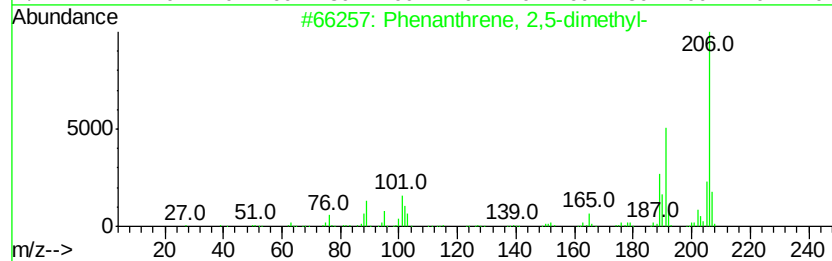
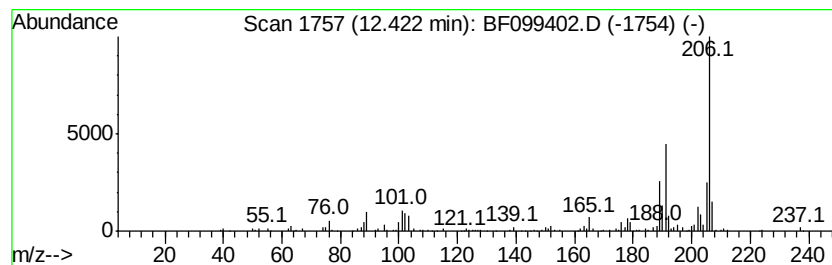
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.14 ng	149784	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



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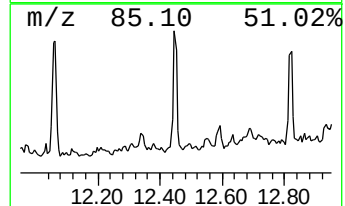
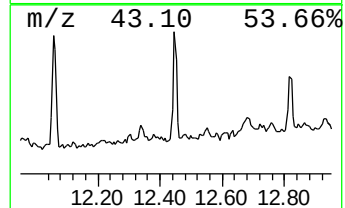
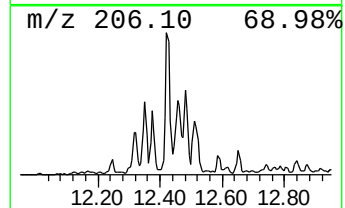
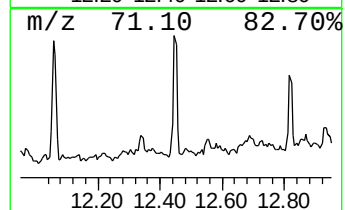
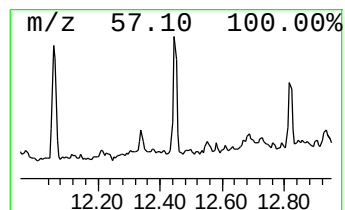
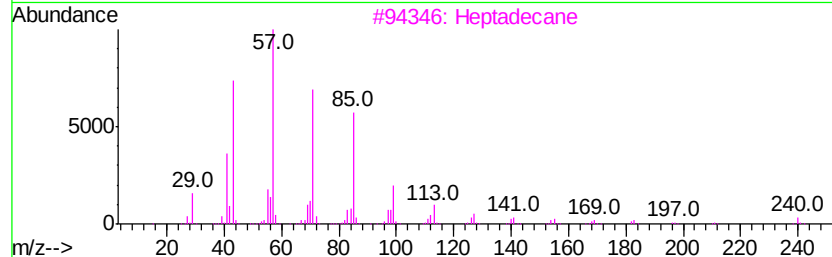
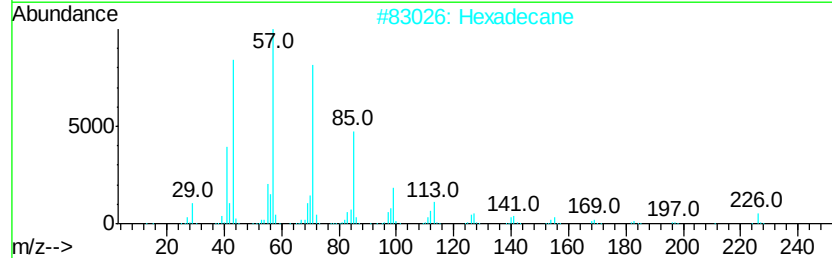
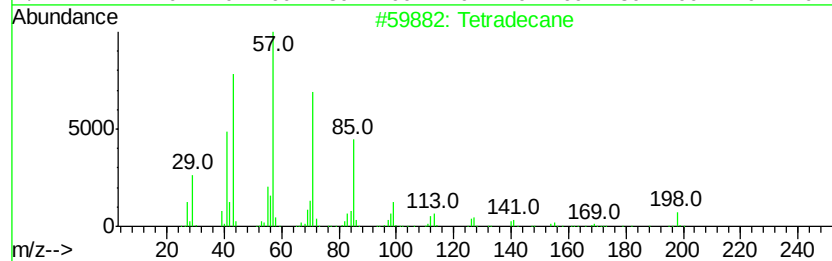
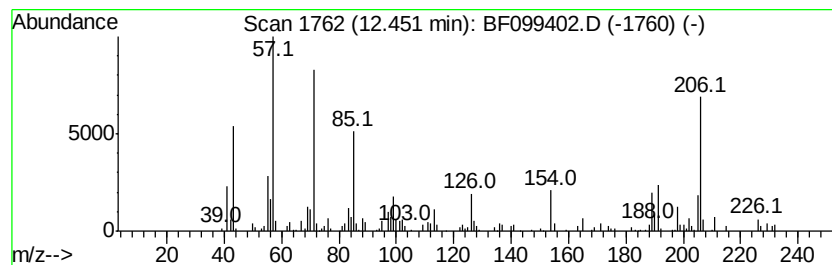
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 18 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.07 ng	147093	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	64
2		Hexadecane	226	C16H34	000544-76-3	60
3		Heptadecane	240	C17H36	000629-78-7	46
4		Heneicosane	296	C21H44	000629-94-7	41
5		Pentacosane	352	C25H52	000629-99-2	38



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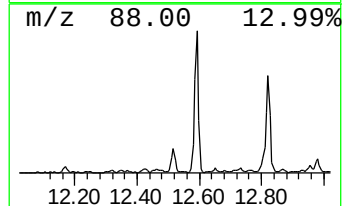
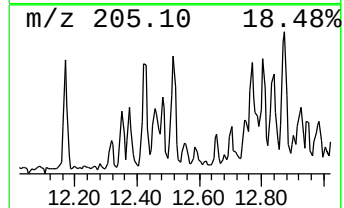
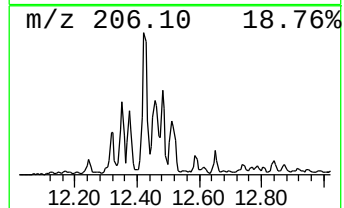
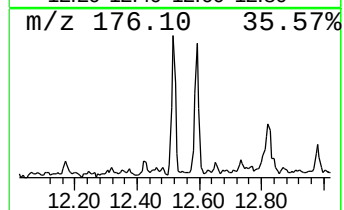
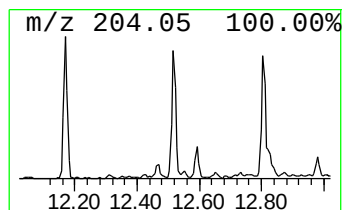
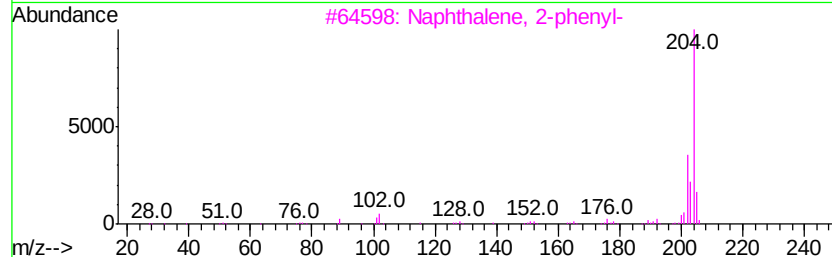
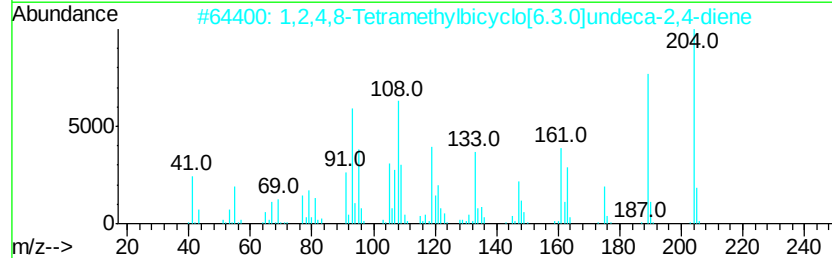
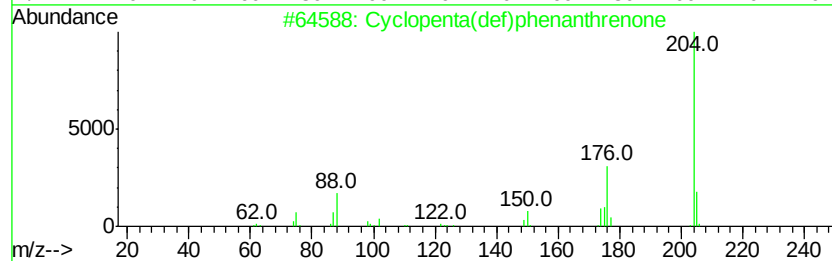
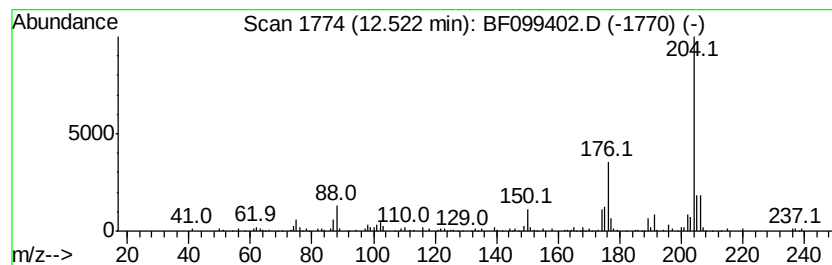
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	4.00 ng	144540	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undec-2,4-diene	204	C15H24	137235-51-9	46
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5		[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099402.D
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ALS Vial : 7 Sample Multiplier: 1

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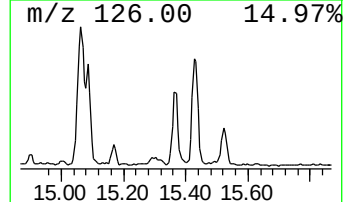
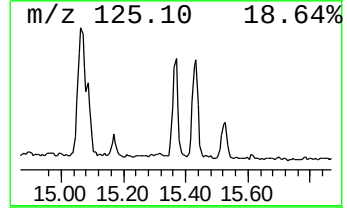
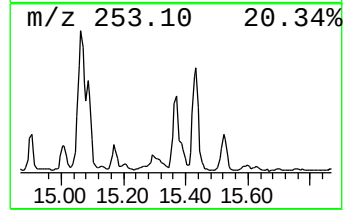
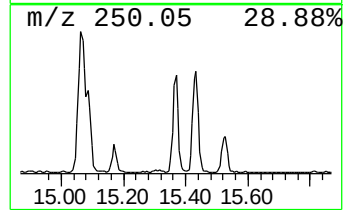
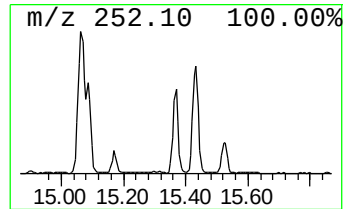
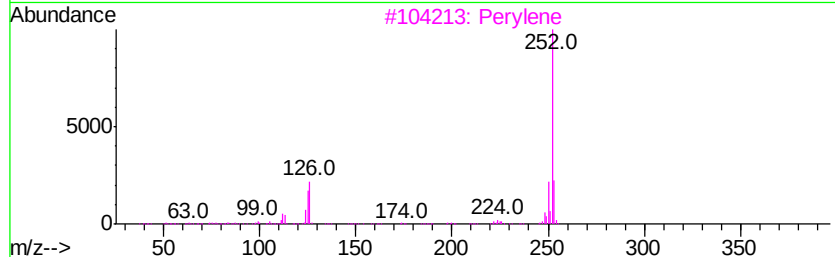
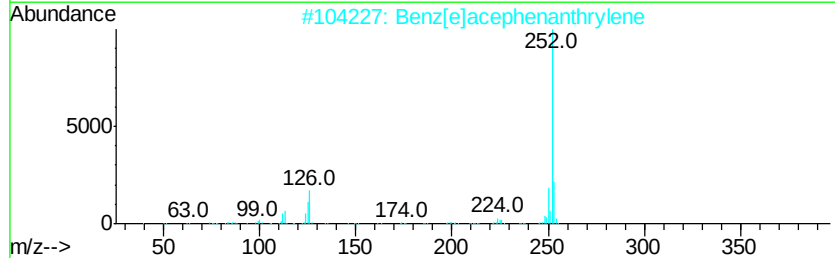
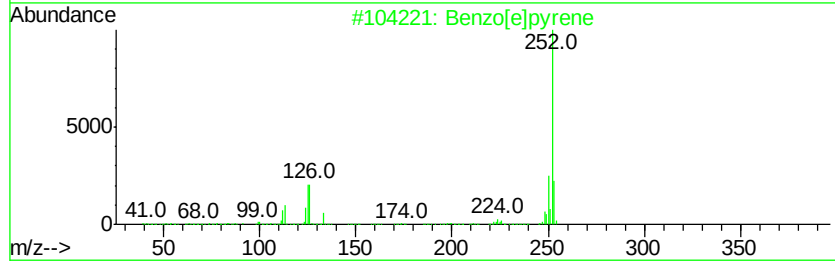
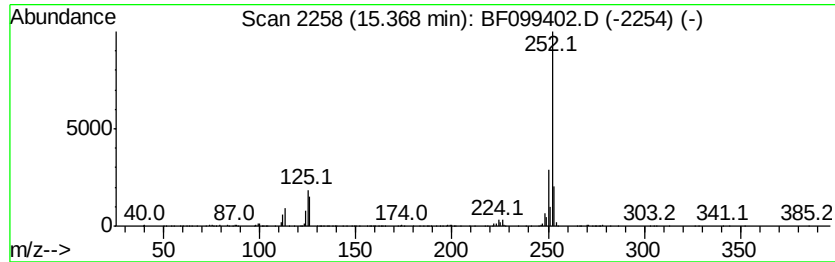
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	17.41 ng	480672	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099402.D
 Acq On : 12 Oct 2017 18:40
 Operator : SJ/JU
 Sample : I5729-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2N-(1-2)

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
2-Pentanone, 4-hy...	5.08	12.3	ng	452340	1	6.85	732955	20.0
unknown6.62	6.62	60.1	ng	2203420	1	6.85	732955	20.0
Naphthalene, 2-me...	8.95	5.1	ng	229799	2	8.13	905945	20.0
Naphthalene, 2,3-...	9.55	4.3	ng	170822	3	9.89	793224	20.0
Pentadecane	9.81	3.8	ng	148835	3	9.89	793224	20.0
Dibenzofuran, 4-m...	10.59	3.6	ng	144155	3	9.89	793224	20.0
Tridecane, 5-propyl-	10.79	14.9	ng	537732	4	11.37	722928	20.0
Tetradecane, 3-me...	11.23	6.0	ng	217626	4	11.37	722928	20.0
Anthracene, 2-met...	11.87	4.1	ng	149517	4	11.37	722928	20.0
1H-Cyclopropa[l]p...	11.90	7.6	ng	274950	4	11.37	722928	20.0
4H-Cyclopenta[def...	11.99	8.3	ng	300312	4	11.37	722928	20.0
Naphthalene, 2-ph...	12.17	4.0	ng	144223	4	11.37	722928	20.0
9,10-Anthracenedione	12.20	3.9	ng	141705	4	11.37	722928	20.0
Phenanthrene, 2,5...	12.42	4.1	ng	149784	4	11.37	722928	20.0
Tetradecane	12.45	4.1	ng	147093	4	11.37	722928	20.0
Cyclopenta(def)ph...	12.52	4.0	ng	144540	4	11.37	722928	20.0
Benzo[e]pyrene	15.37	17.4	ng	480672	6	15.49	552324	20.0