

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101414.D
 Acq On : 15 Dec 2017 00:44
 Operator : SJ/JU
 Sample : I6848-01 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

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-BF121417.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	3.369	216	218	233	rBV	82695	263301	4.94%	0.459%
2	3.851	295	300	309	rBV	71050	112735	2.11%	0.197%
3	4.710	445	446	461	rBV2	31455	95607	1.79%	0.167%
4	6.475	742	746	762	rBV2	152072	342322	6.42%	0.597%
5	6.810	800	803	820	rBV	1082905	1129647	21.18%	1.971%
6	7.075	844	848	864	rBV2	204599	332650	6.24%	0.581%
7	7.239	873	876	888	rBV	146247	288426	5.41%	0.503%
8	8.098	1018	1022	1024	rVV	1509388	1552366	29.11%	2.709%
9	8.116	1024	1025	1033	rVV	666260	579193	10.86%	1.011%
10	8.469	1082	1085	1089	rBV	116135	154373	2.89%	0.269%
11	8.810	1141	1143	1151	rVB	208280	215049	4.03%	0.375%
12	8.910	1157	1160	1163	rVB	115851	103274	1.94%	0.180%
13	9.239	1213	1216	1220	rBV	106399	92184	1.73%	0.161%
14	9.439	1246	1250	1254	rBV	147108	201780	3.78%	0.352%
15	9.510	1258	1262	1265	rBV	151971	179746	3.37%	0.314%
16	9.539	1265	1267	1272	rVB2	123448	125306	2.35%	0.219%
17	9.627	1278	1282	1287	rBV2	94802	131375	2.46%	0.229%
18	9.716	1294	1297	1300	rVB	220112	188534	3.54%	0.329%
19	9.769	1303	1306	1309	rBV	145207	118713	2.23%	0.207%
20	9.851	1314	1320	1332	rVB2	1692192	1657251	31.08%	2.892%
21	9.957	1332	1338	1342	rBV2	73518	126805	2.38%	0.221%
22	10.057	1348	1355	1358	rBV2	292219	326416	6.12%	0.570%
23	10.092	1358	1361	1365	rVB2	142885	142515	2.67%	0.249%
24	10.198	1376	1379	1384	rVV2	107279	103104	1.93%	0.180%
25	10.269	1386	1391	1395	rVV2	245959	277035	5.20%	0.483%
26	10.398	1410	1413	1420	rBV	613614	661870	12.41%	1.155%
27	10.486	1423	1428	1430	rVV3	125241	145176	2.72%	0.253%
28	10.557	1435	1440	1447	rVV3	100418	189568	3.55%	0.331%
29	10.639	1447	1454	1458	rVV4	130745	283106	5.31%	0.494%
30	10.686	1458	1462	1465	rVV3	54120	89364	1.68%	0.156%
31	10.745	1468	1472	1481	rVB2	305377	390839	7.33%	0.682%
32	10.951	1502	1507	1509	rBV	145749	190342	3.57%	0.332%
33	10.980	1509	1512	1514	rVV3	112028	114274	2.14%	0.199%
34	11.192	1545	1548	1550	rBV	315947	250496	4.70%	0.437%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
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35	11.222	1550	1553	1554	rVV2	79805	86467	1.62%	0.151%
36	11.239	1554	1556	1560	rVB	455841	364180	6.83%	0.636%
37	11.345	1570	1574	1576	rBV	1520108	1686811	31.63%	2.944%
38	11.380	1576	1580	1582	rVV	4439074	5189305	97.31%	9.056%
39	11.422	1582	1587	1591	rVV	2570074	2561284	48.03%	4.470%
40	11.463	1591	1594	1598	rVV2	105239	141246	2.65%	0.246%
41	11.504	1598	1601	1604	rVB	101211	93177	1.75%	0.163%
42	11.580	1609	1614	1618	rVV2	1290784	1331121	24.96%	2.323%
43	11.616	1618	1620	1625	rVV2	208758	275409	5.16%	0.481%
44	11.674	1628	1630	1636	rVB3	88731	139909	2.62%	0.244%
45	11.845	1655	1659	1661	rBV	561117	479374	8.99%	0.837%
46	11.874	1661	1664	1668	rVB	770241	650105	12.19%	1.135%
47	11.921	1668	1672	1675	rBV	306845	285129	5.35%	0.498%
48	11.963	1675	1679	1681	rBV	1343875	1384658	25.97%	2.416%
49	12.027	1687	1690	1693	rBV	202151	180351	3.38%	0.315%
50	12.139	1706	1709	1714	rVB	592551	500395	9.38%	0.873%
51	12.186	1714	1717	1723	rVB	87159	99969	1.87%	0.174%
52	12.392	1747	1752	1754	rBV	121518	134907	2.53%	0.235%
53	12.574	1776	1783	1786	rBV	4250744	5332565	100.00%	9.306%
54	12.627	1790	1792	1794	rVV2	129362	103441	1.94%	0.181%
55	12.657	1794	1797	1801	rVV	943676	806688	15.13%	1.408%
56	12.710	1801	1806	1809	rVV2	209777	215920	4.05%	0.377%
57	12.798	1814	1821	1824	rBV2	3712663	4762966	89.32%	8.312%
58	12.839	1825	1828	1835	rVB2	212021	235805	4.42%	0.412%
59	12.910	1836	1840	1844	rBV	345484	316137	5.93%	0.552%
60	12.957	1844	1848	1852	rVB	285042	284028	5.33%	0.496%
61	13.004	1852	1856	1860	rBV2	209881	367550	6.89%	0.641%
62	13.045	1860	1863	1868	rVB	178314	145391	2.73%	0.254%
63	13.098	1868	1872	1873	rBV2	183884	245518	4.60%	0.428%
64	13.121	1873	1876	1879	rVB	737917	681921	12.79%	1.190%
65	13.186	1884	1887	1890	rVV	1013034	857299	16.08%	1.496%
66	13.221	1890	1893	1900	rVB2	274733	355995	6.68%	0.621%
67	13.286	1900	1904	1907	rBV3	90524	129388	2.43%	0.226%
68	13.316	1907	1909	1912	rVV	127319	126301	2.37%	0.220%
69	13.351	1912	1915	1921	rVB	176590	209374	3.93%	0.365%
70	13.604	1954	1958	1961	rBV3	70577	104266	1.96%	0.182%
71	13.739	1976	1981	1983	rBV	199792	210580	3.95%	0.367%

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72	13.763	1983	1985	1988	rVV	317605	309942	5.81%	0.541%
73	13.792	1988	1990	1998	rVB3	297374	461440	8.65%	0.805%
74	13.910	2003	2010	2016	rVB3	86251	158623	2.97%	0.277%
75	13.986	2016	2023	2027	rBV2	2108123	3527110	66.14%	6.155%
76	14.021	2027	2029	2040	rVB	1538744	1330392	24.95%	2.322%
77	14.192	2055	2058	2060	rBV	120081	108953	2.04%	0.190%
78	14.221	2060	2063	2067	rVB2	151180	196759	3.69%	0.343%
79	14.380	2085	2090	2092	rVV	208044	299969	5.63%	0.523%
80	14.410	2093	2095	2100	rVV3	87384	117709	2.21%	0.205%
81	14.480	2104	2107	2109	rVV	173911	177747	3.33%	0.310%
82	14.504	2109	2111	2113	rVV	159226	159703	2.99%	0.279%
83	14.527	2113	2115	2120	rVV	266626	238917	4.48%	0.417%
84	15.039	2196	2202	2204	rBV	1034747	1508263	28.28%	2.632%
85	15.145	2216	2220	2224	rBV	282883	333417	6.25%	0.582%
86	15.227	2231	2234	2240	rBV3	58796	121149	2.27%	0.211%
87	15.339	2248	2253	2259	rVB	566740	718017	13.46%	1.253%
88	15.404	2259	2264	2269	rVV	986510	1197816	22.46%	2.090%
89	15.462	2269	2274	2277	rVV	740217	957691	17.96%	1.671%
90	15.492	2277	2279	2285	rVB	285165	365992	6.86%	0.639%
91	15.639	2300	2304	2307	rBV2	57710	93950	1.76%	0.164%
92	15.686	2307	2312	2317	rVB3	72131	151781	2.85%	0.265%
93	16.027	2365	2370	2375	rVB2	76893	115656	2.17%	0.202%
94	16.186	2391	2397	2403	rBV2	48480	95513	1.79%	0.167%
95	16.362	2421	2427	2433	rVB7	43779	86008	1.61%	0.150%
96	16.939	2517	2525	2533	rBV	481050	929734	17.44%	1.622%
97	17.109	2547	2554	2558	rBV2	94524	193023	3.62%	0.337%
98	17.168	2559	2564	2569	rBV4	47785	92379	1.73%	0.161%
99	17.386	2594	2601	2615	rBV	280192	631778	11.85%	1.103%
100	17.633	2636	2643	2659	rVB2	143577	393863	7.39%	0.687%

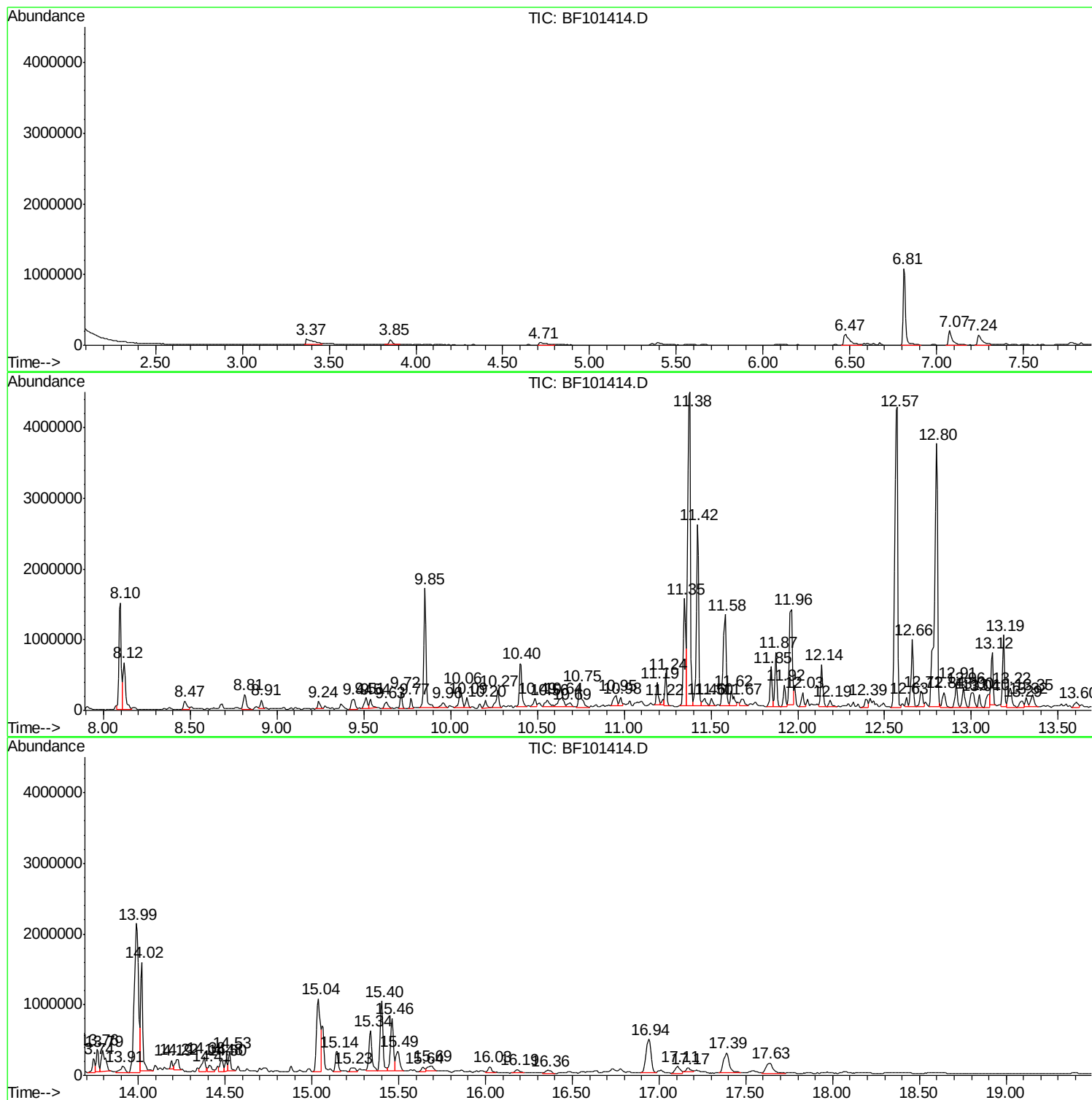
Sum of corrected areas: 57302966

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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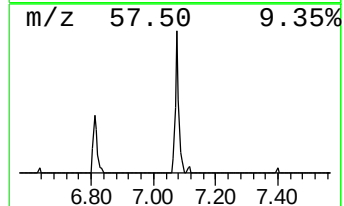
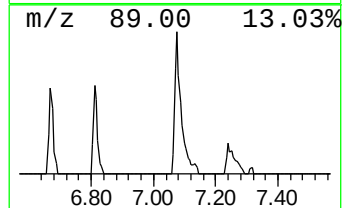
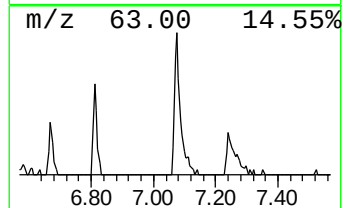
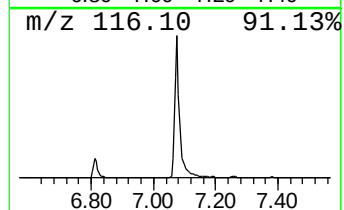
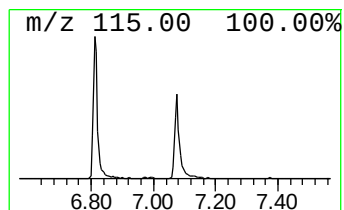
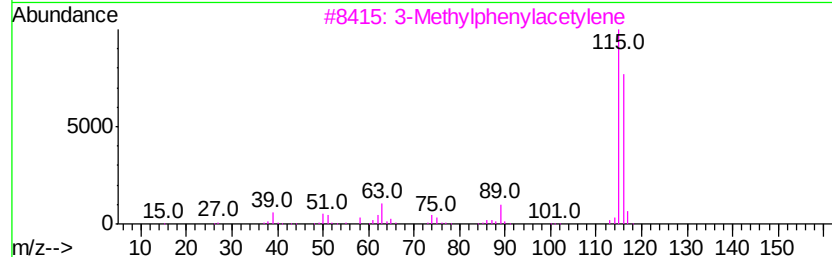
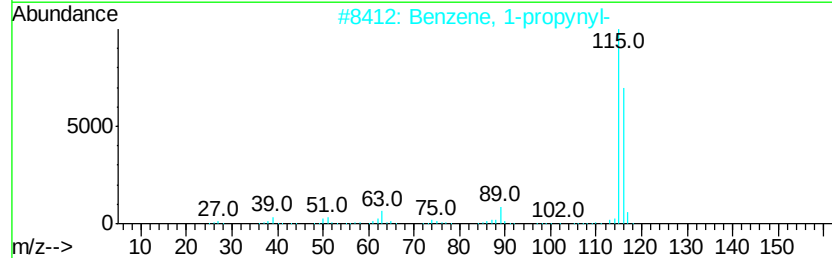
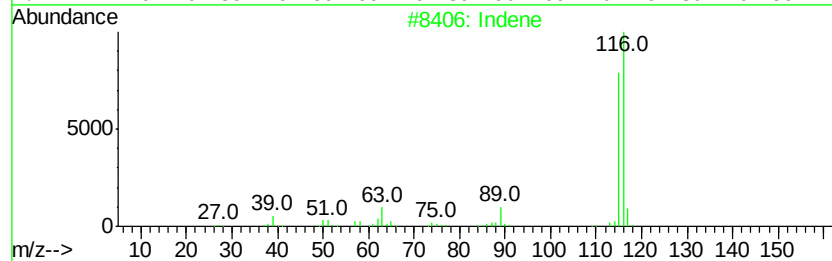
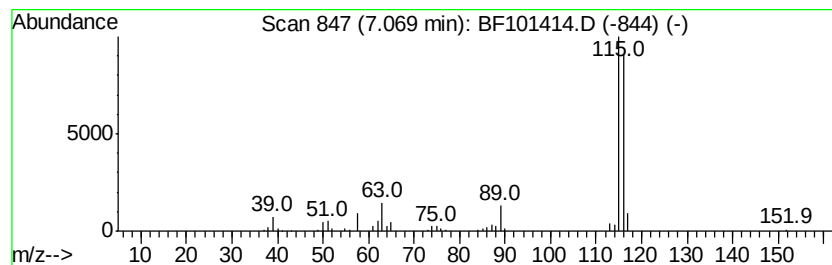
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	5.89 ng	332650	1,4-Dichlorobenzene-d4	6.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	95
3	3-Methylphenylacetylene		116	C9H8	000766-82-5	94
4	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91



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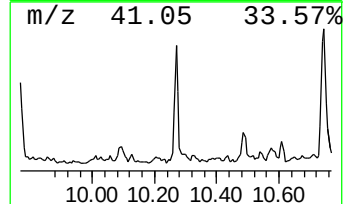
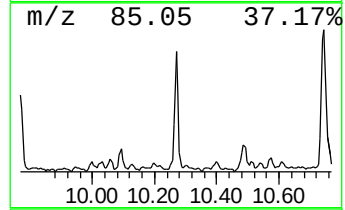
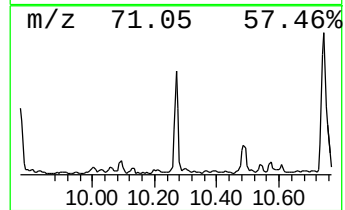
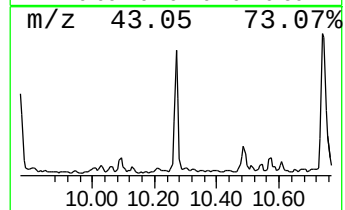
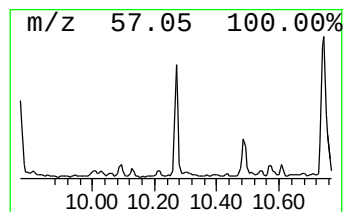
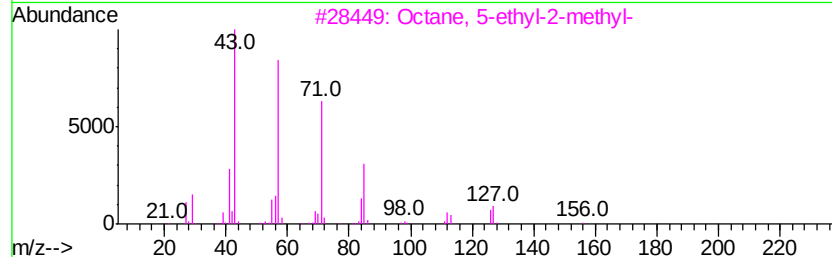
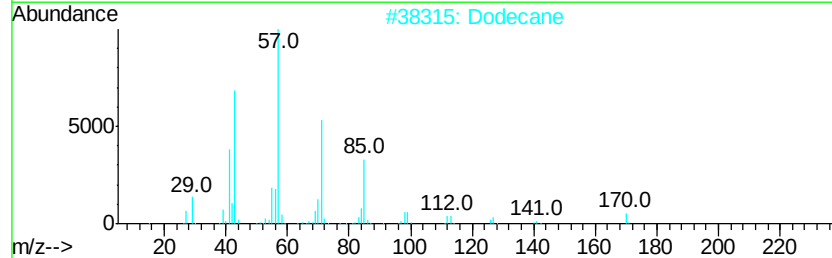
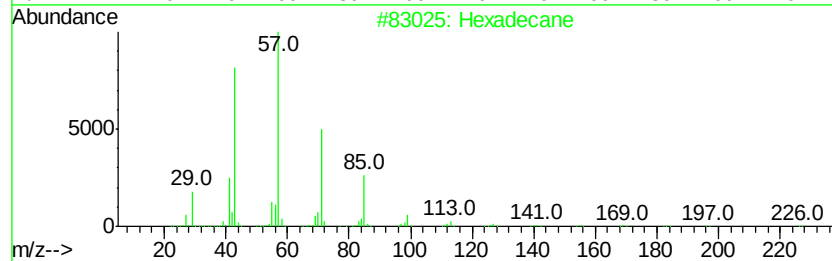
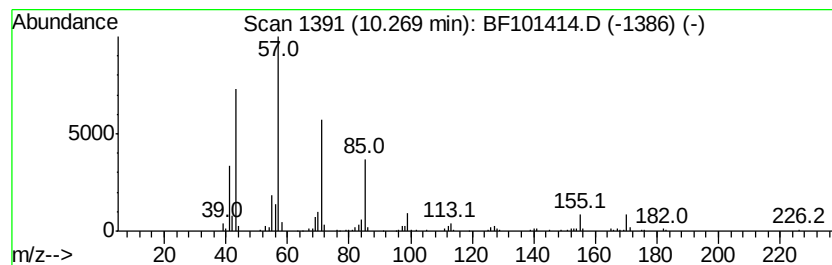
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Peak Number 2 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.27	3.34 ng	277035	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane	170	C12H26	000112-40-3	93
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	62



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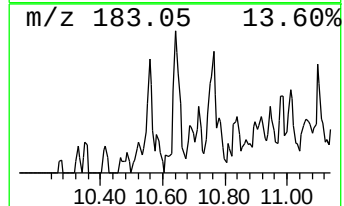
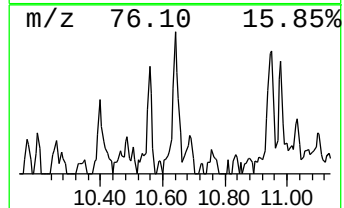
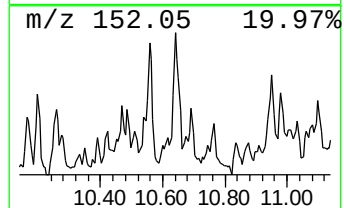
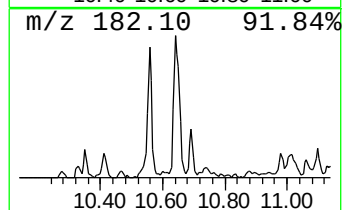
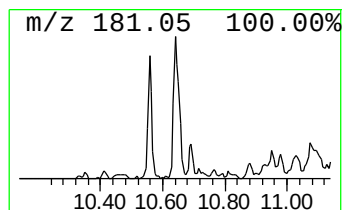
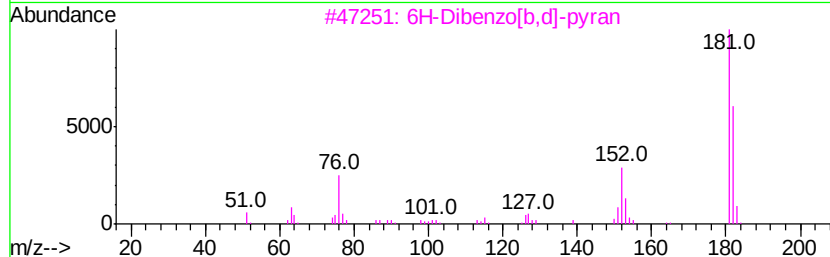
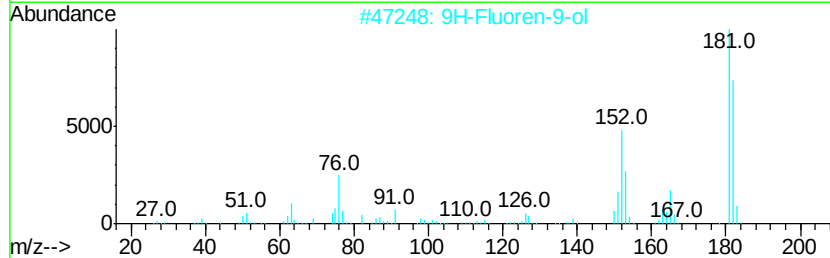
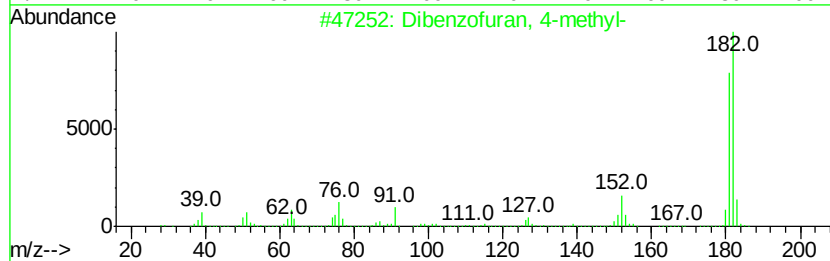
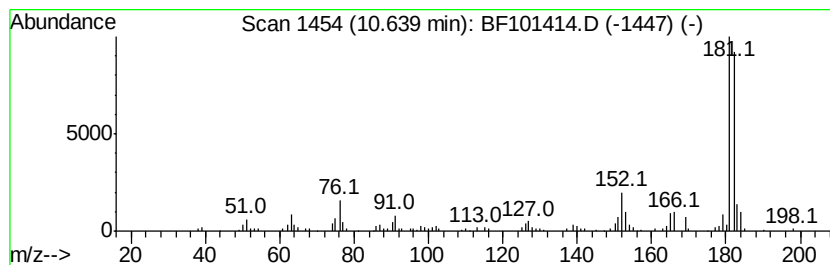
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.64	3.36 ng	283106	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	87
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	76
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72



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Operator : SJ/JU
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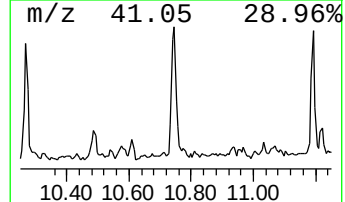
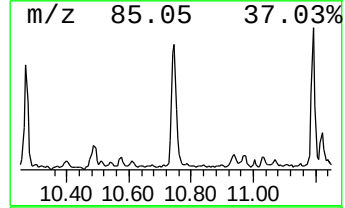
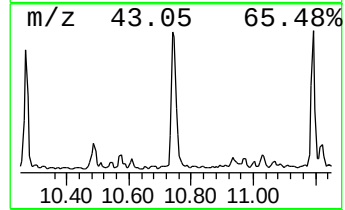
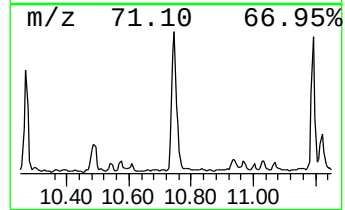
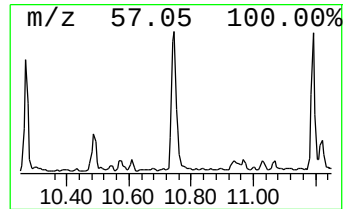
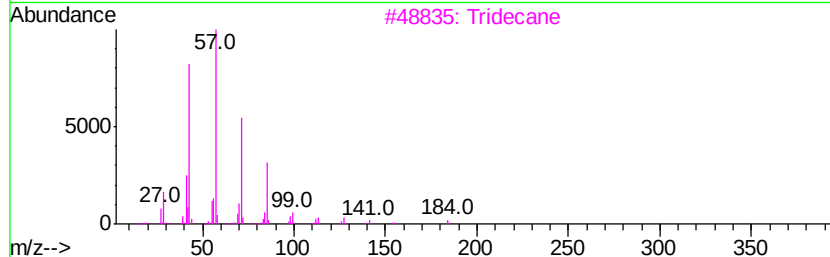
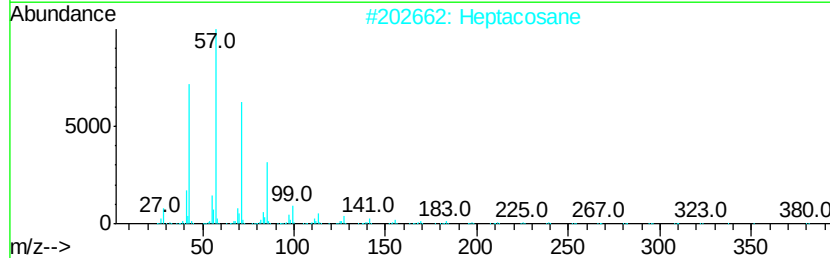
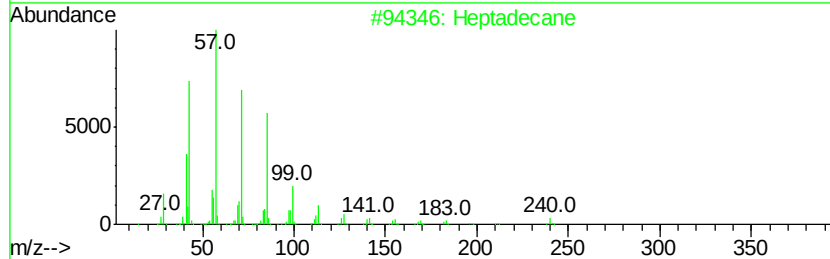
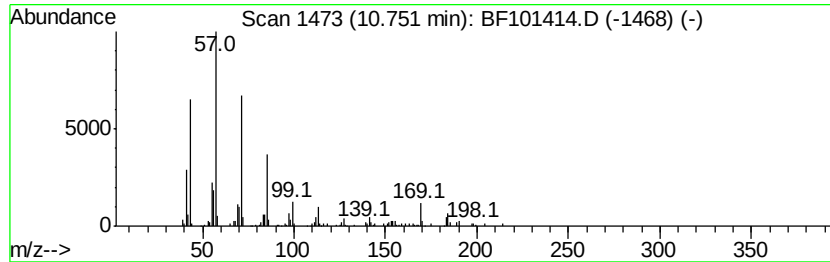
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	4.63 ng	390839	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tridecane		184	C13H28	000629-50-5	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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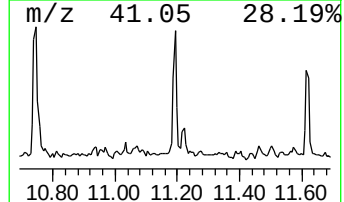
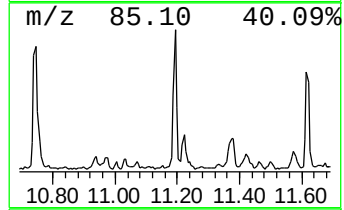
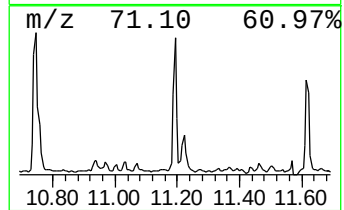
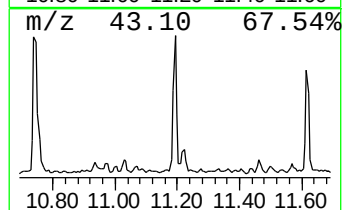
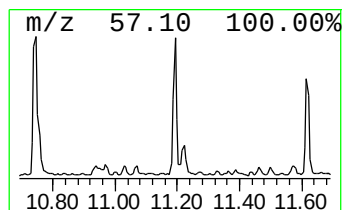
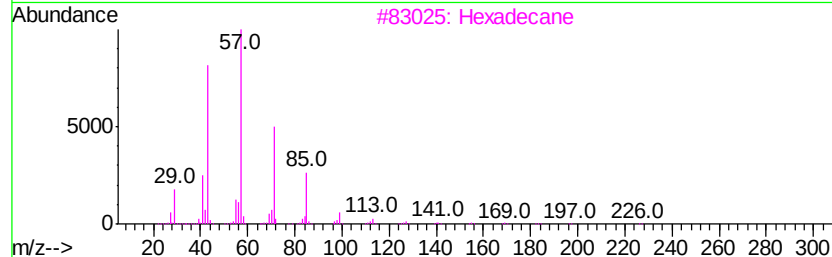
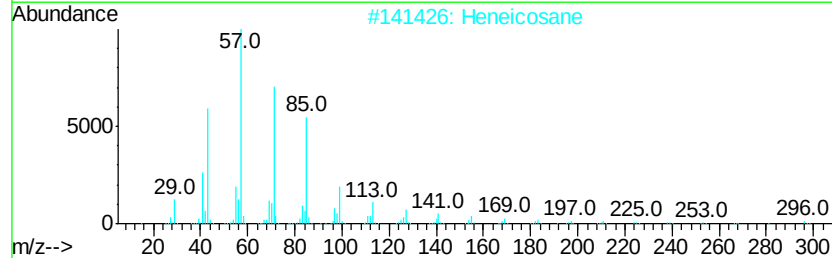
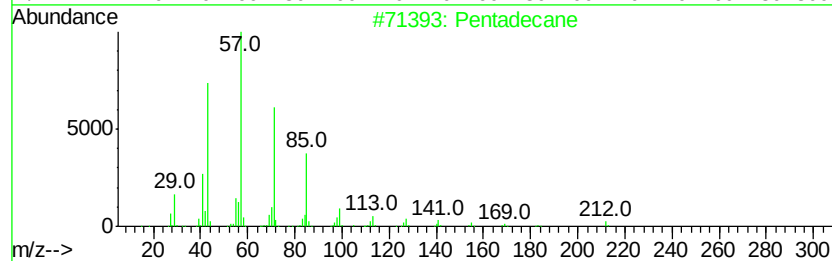
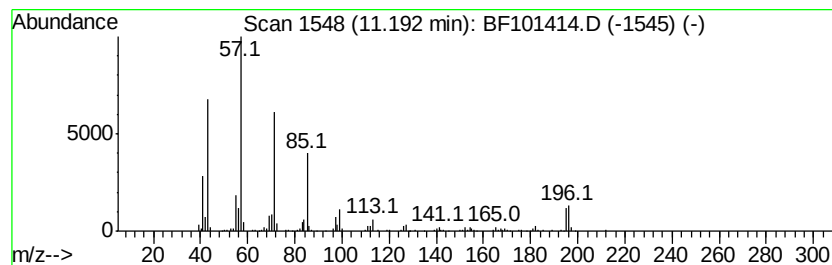
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.97 ng	250496	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	81
2	Heneicosane		296	C21H44	000629-94-7	80
3	Hexadecane		226	C16H34	000544-76-3	80
4	Nonadecane		268	C19H40	000629-92-5	72
5	Tetradecane		198	C14H30	000629-59-4	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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Sample : I6848-01 100X
Misc :
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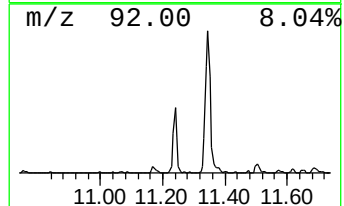
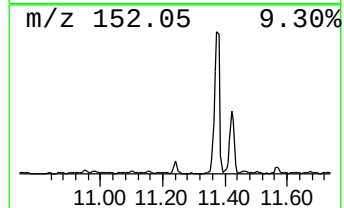
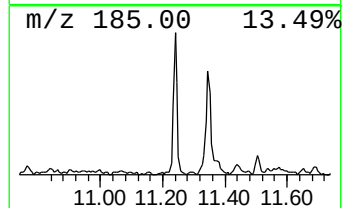
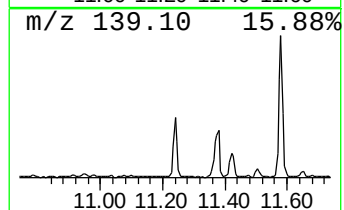
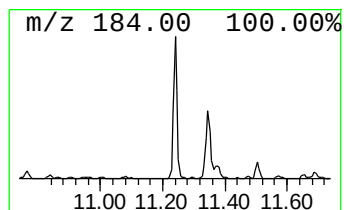
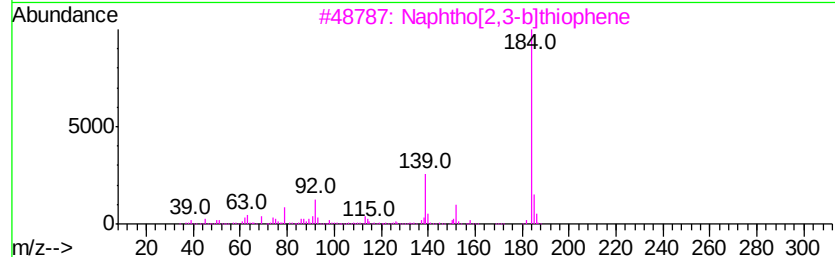
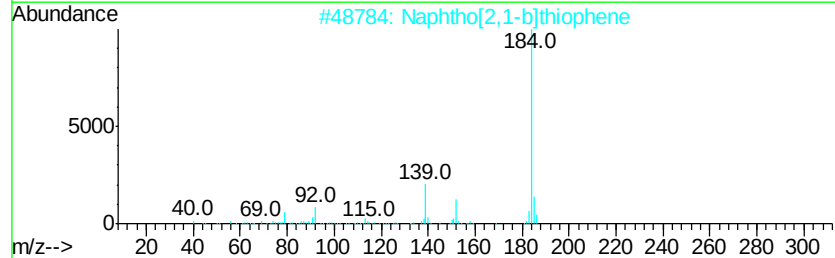
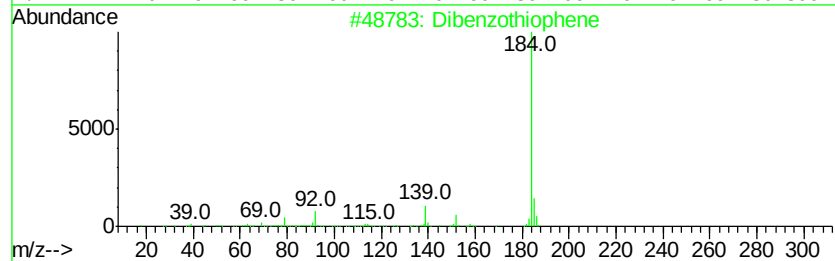
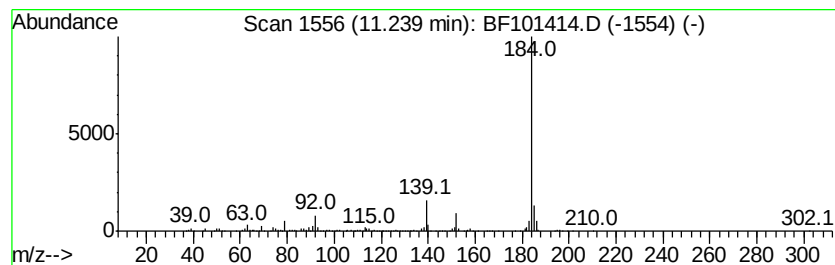
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.24	4.32 ng	364180	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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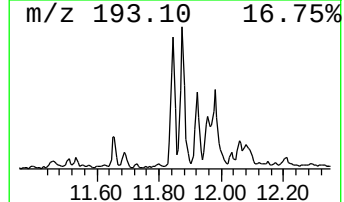
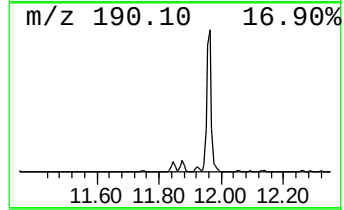
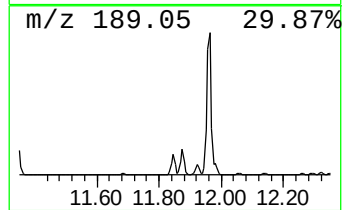
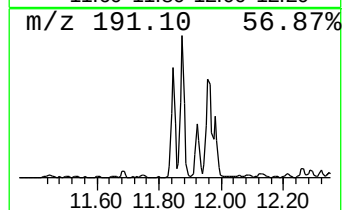
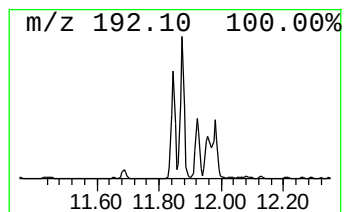
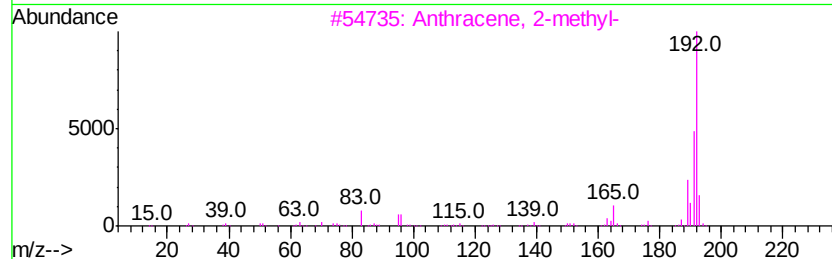
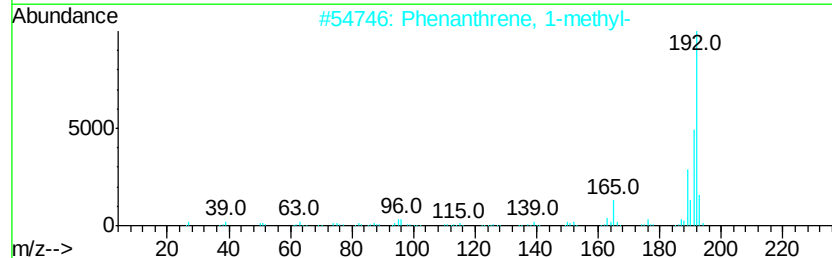
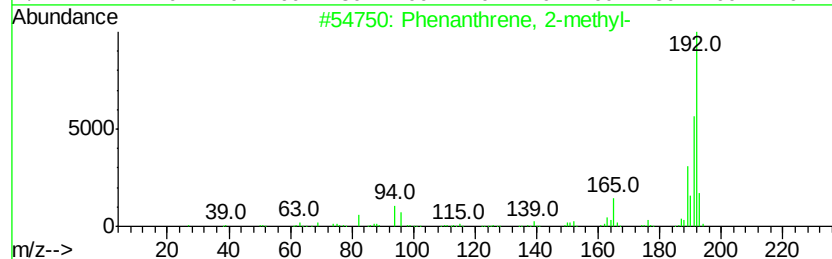
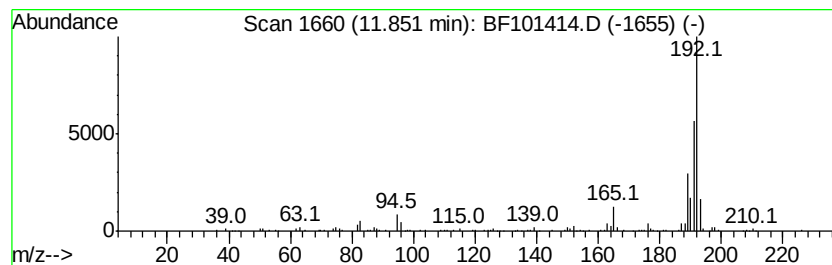
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.68 ng	479374	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93



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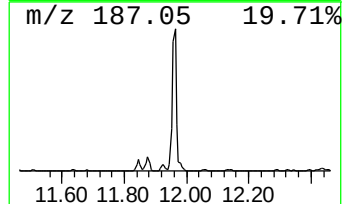
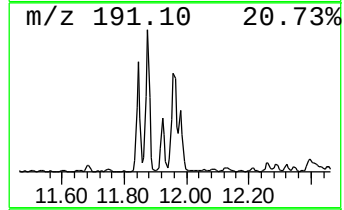
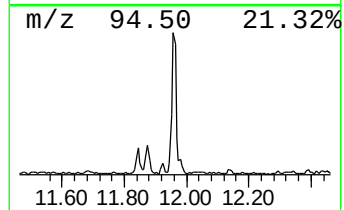
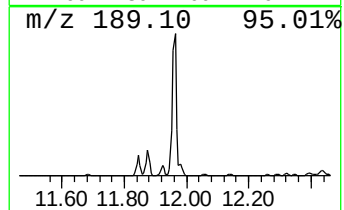
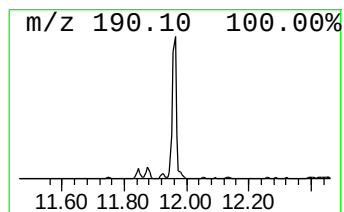
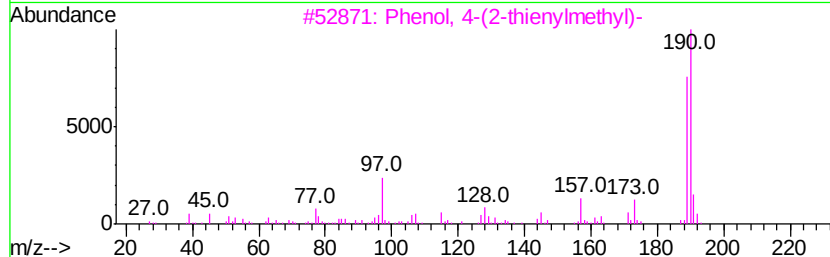
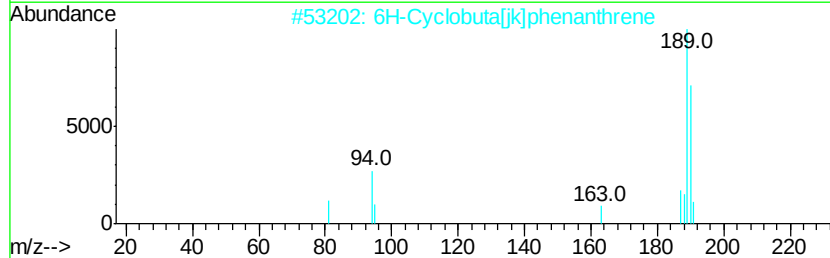
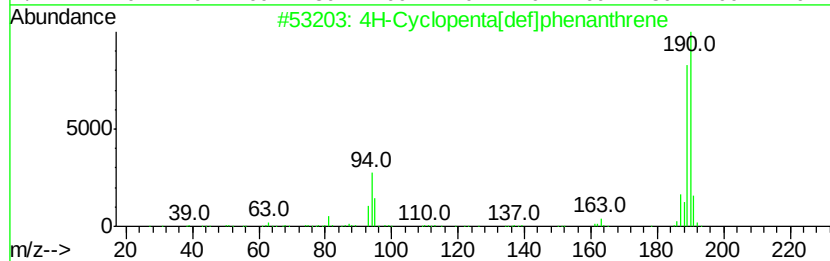
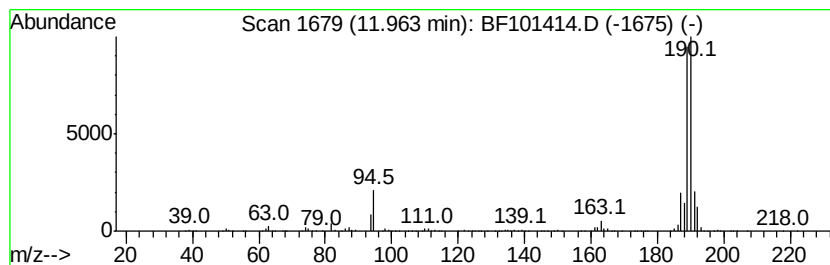
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	16.42 ng	1384660	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



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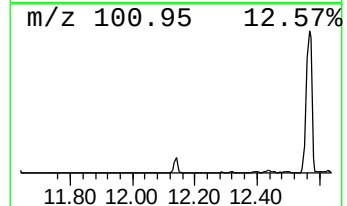
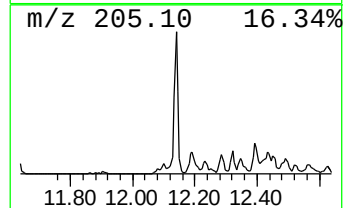
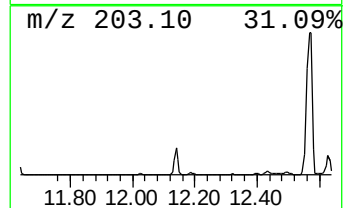
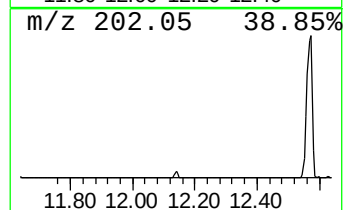
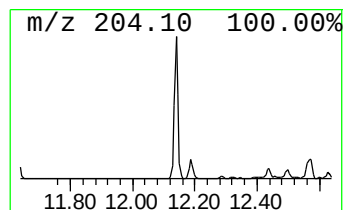
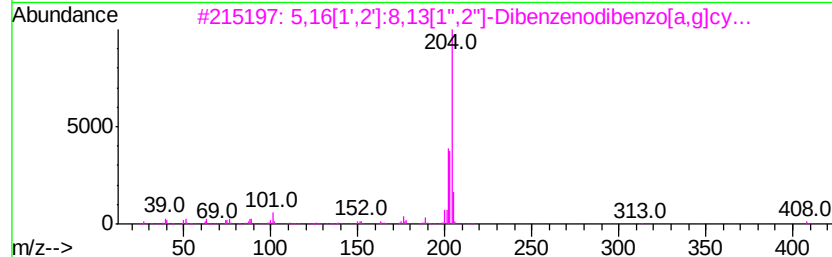
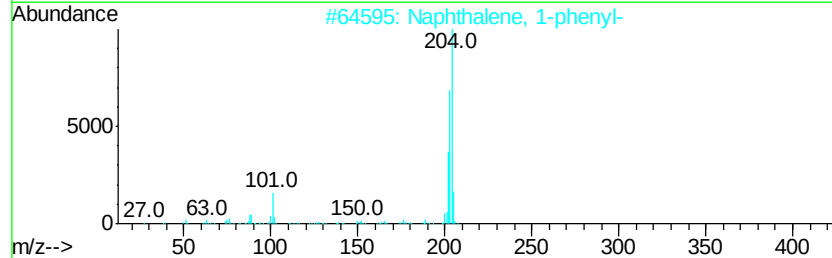
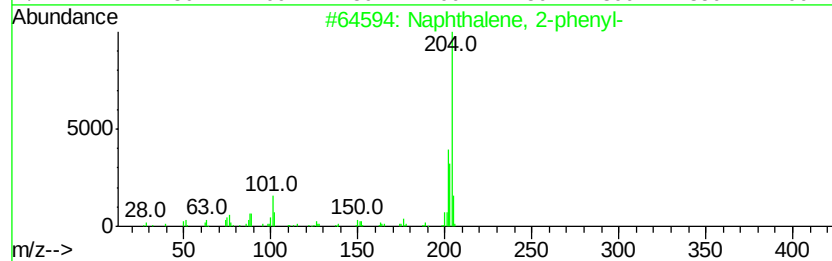
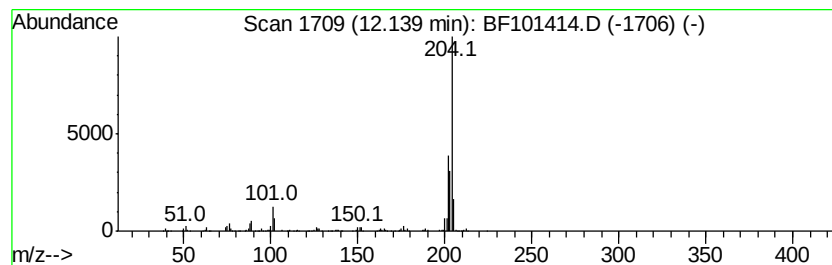
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.93 ng	500395	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
3		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59
5		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49



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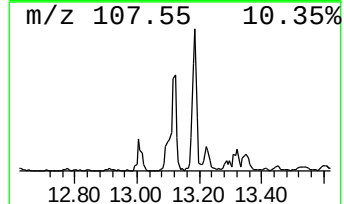
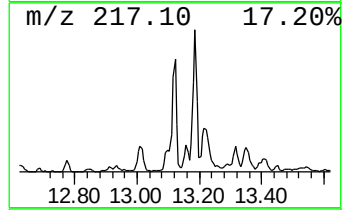
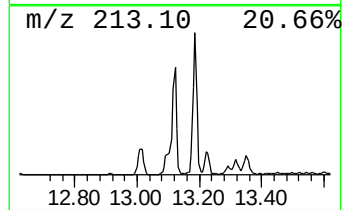
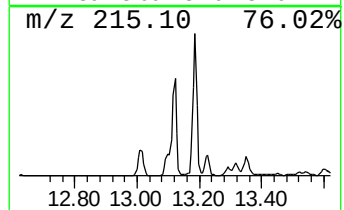
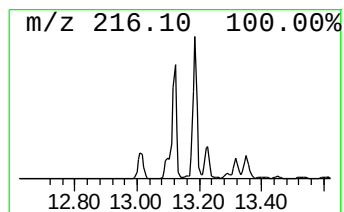
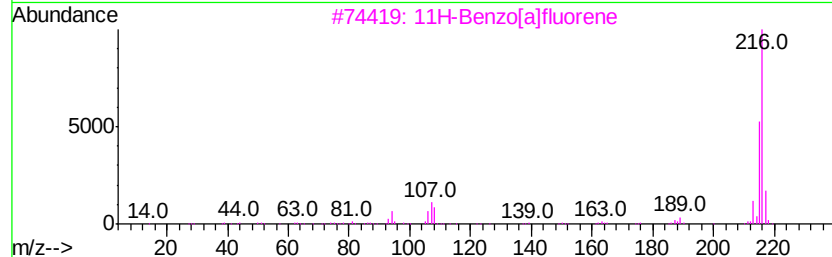
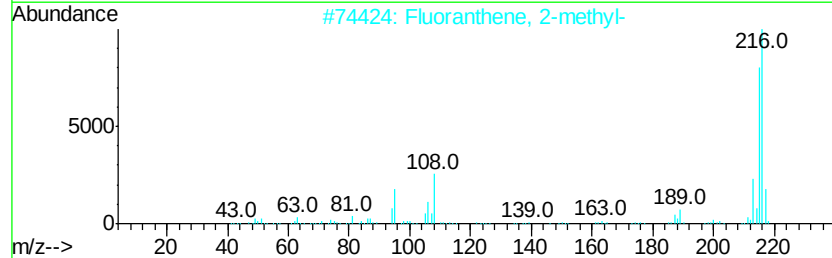
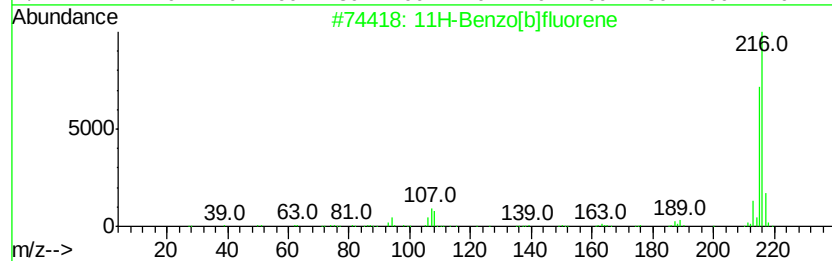
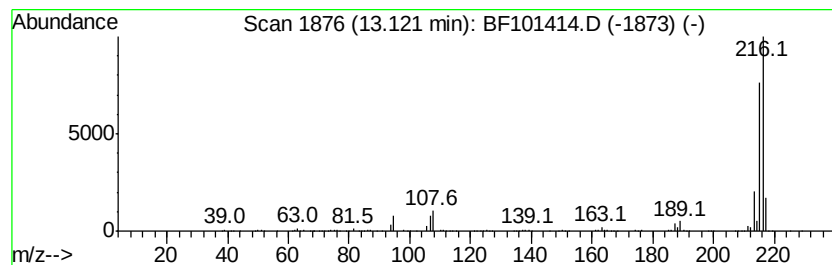
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.12	3.87 ng	681921	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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Operator : SJ/JU
Sample : I6848-01 100X
Misc :
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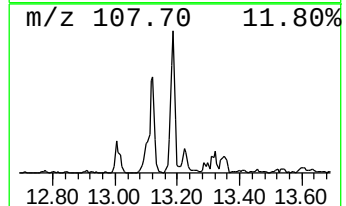
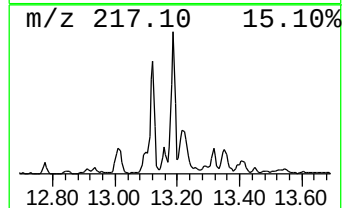
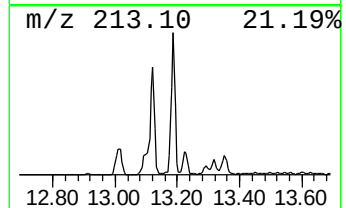
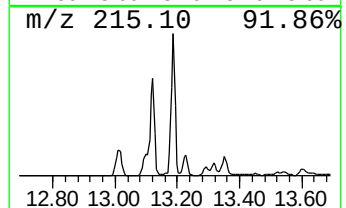
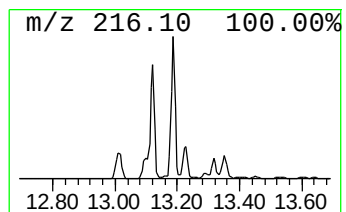
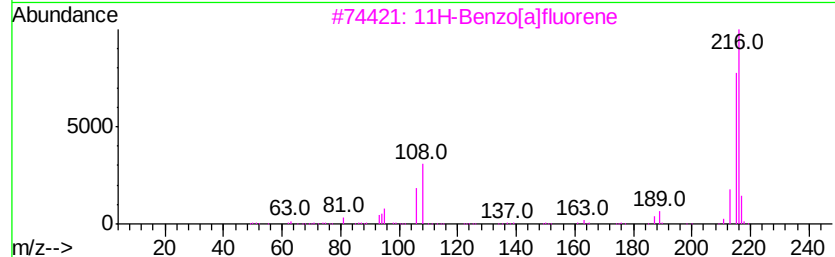
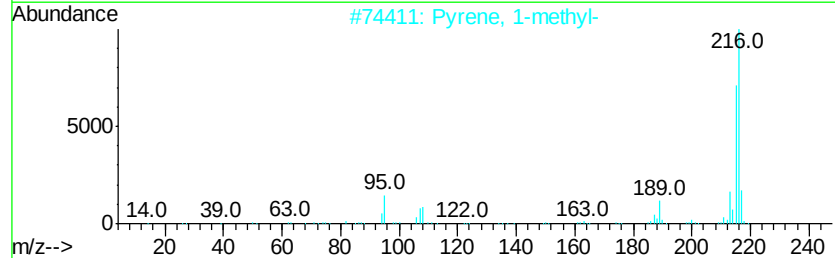
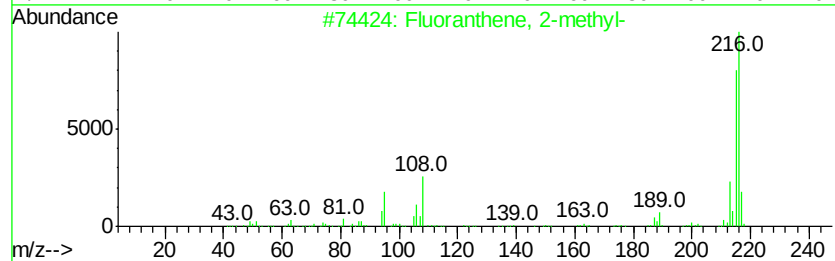
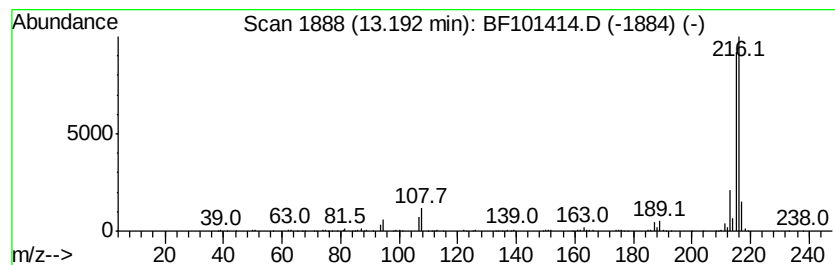
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	4.86 ng	857299	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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Sample : I6848-01 100X
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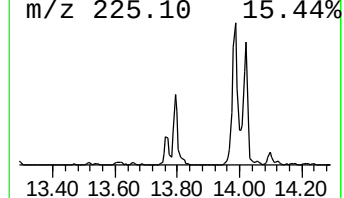
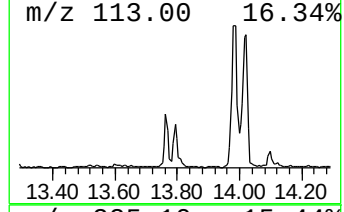
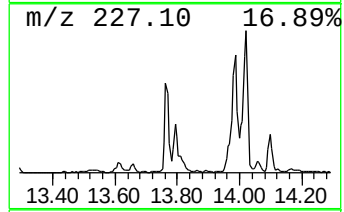
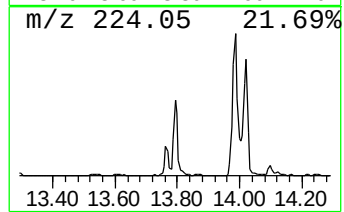
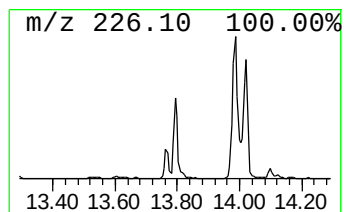
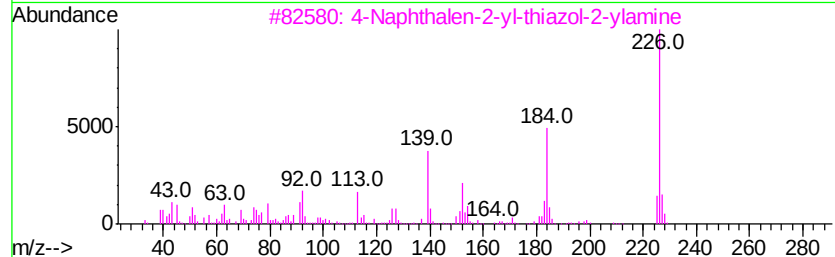
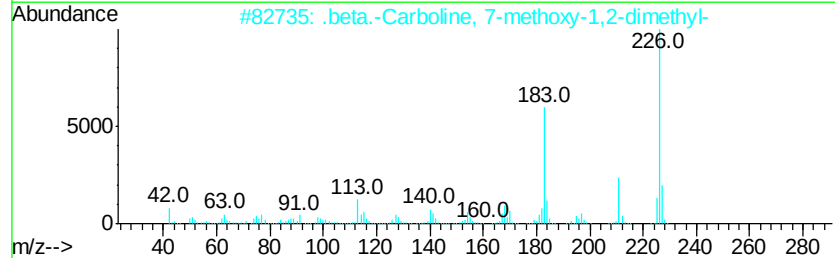
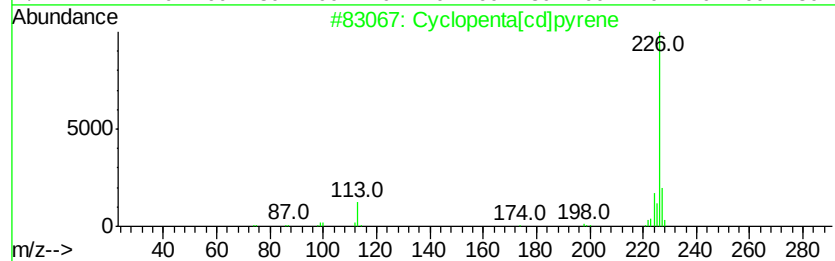
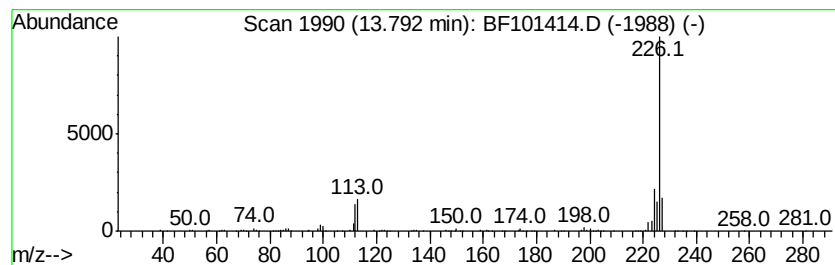
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.79	2.62 ng	461440	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
4		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101414.D
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Sample : I6848-01 100X
Misc :
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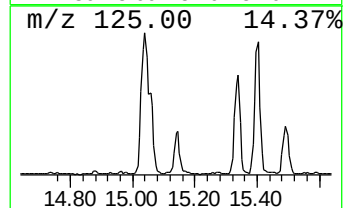
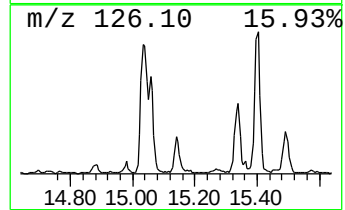
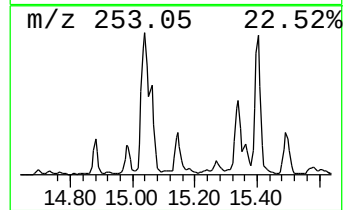
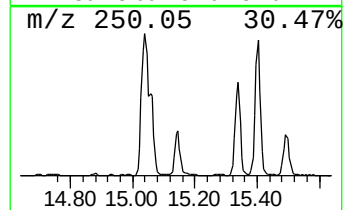
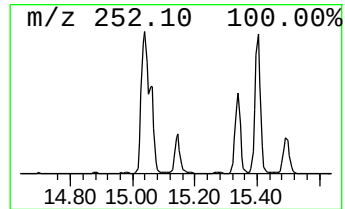
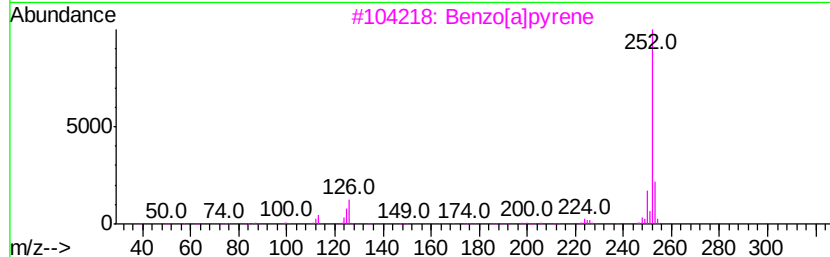
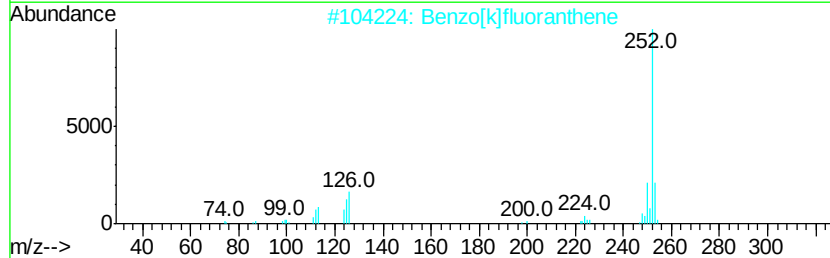
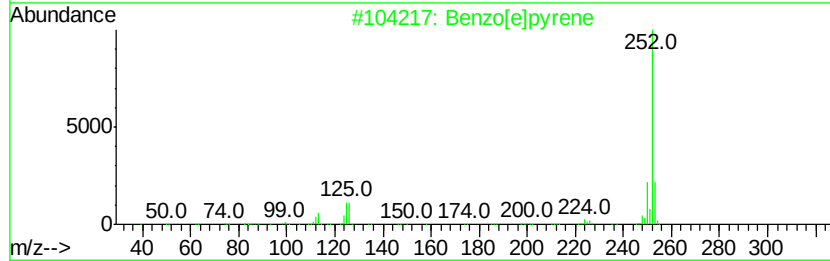
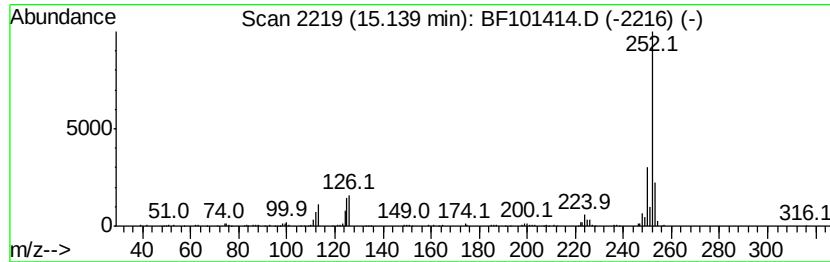
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.96 ng	333417	Perylene-d12	15.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 99
2		Benzo[k]fluoranthene	252 C20H12	000207-08-9 98
3		Benzo[a]pyrene	252 C20H12	000050-32-8 97
4		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 96
5		Benzo[j]fluoranthene	252 C20H12	000205-82-3 93



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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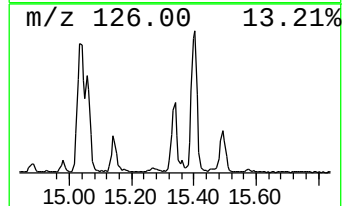
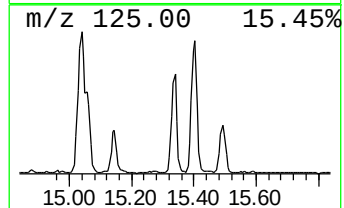
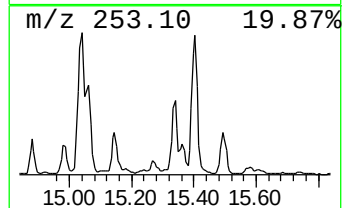
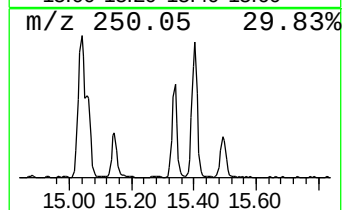
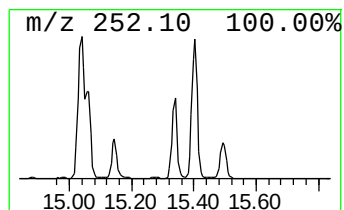
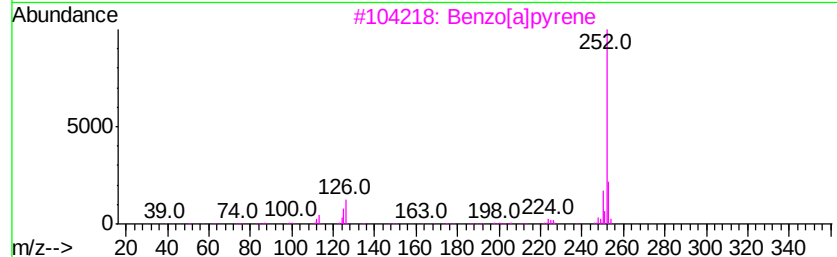
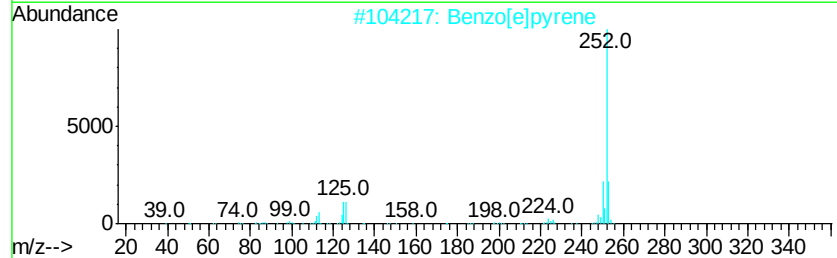
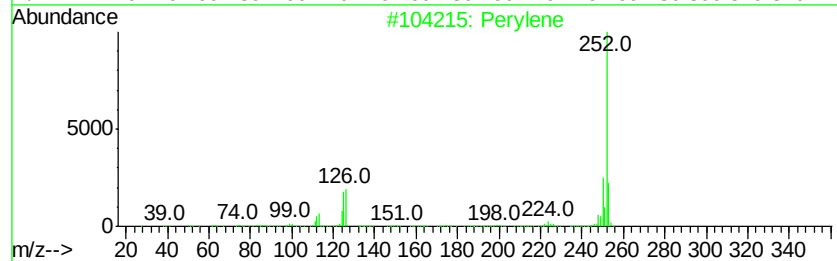
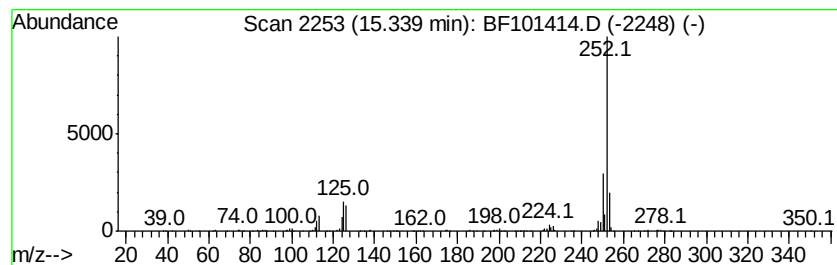
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.34	14.99 ng	718017	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[el]pyrene	252	C20H12	000192-97-2	98
3	Benzo[al]pyrene	252	C20H12	000050-32-8	96
4	Benz[el]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
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Misc :
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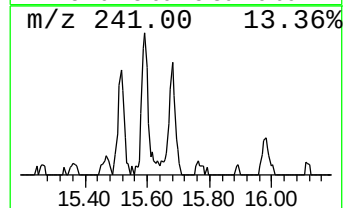
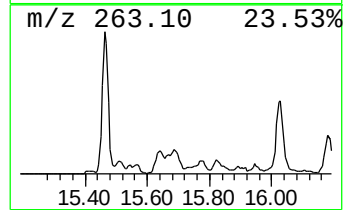
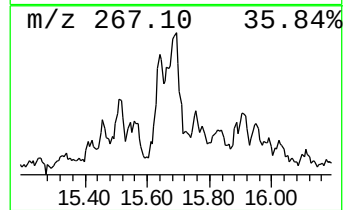
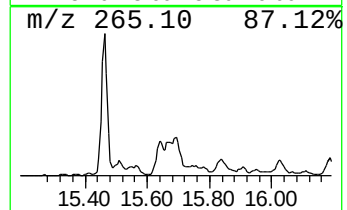
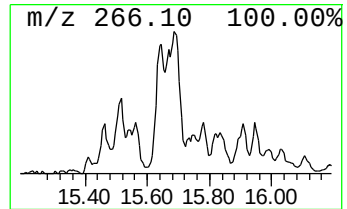
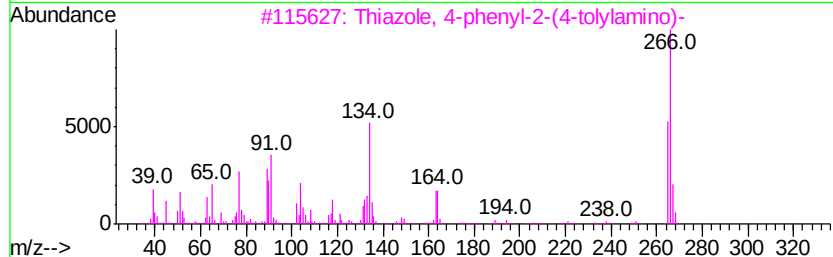
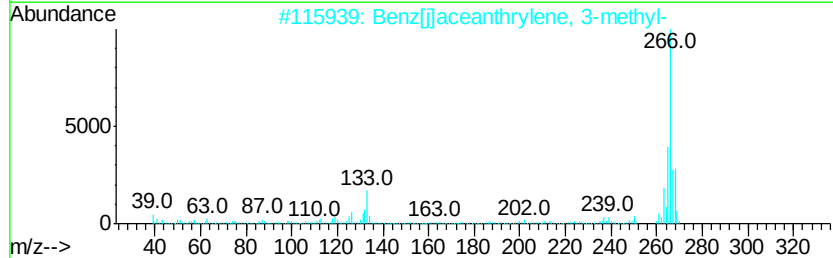
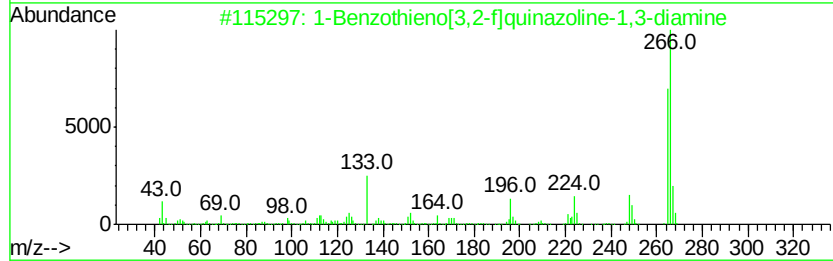
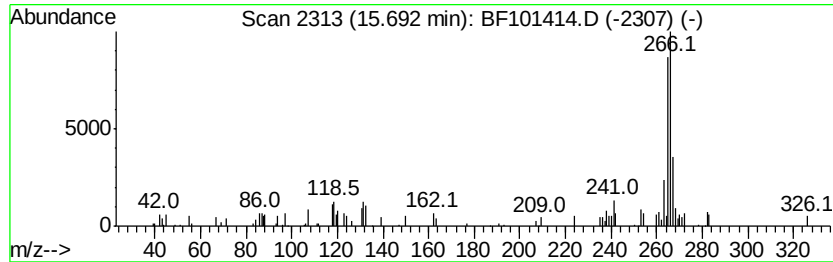
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Benzothieno[3,2-f]quinazo... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.69	3.17 ng	151781	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	50
2	Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	50
3	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	49
4	10-Methylbenzo(a)pyrene	266	C21H14	063104-32-5	38
5	Propanamide, 2,2,3,3,3-pentafluo...	429	C14H9F10N03	072347-72-9	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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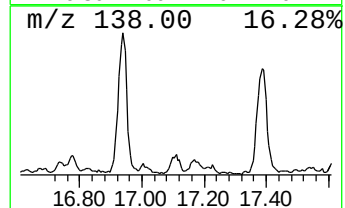
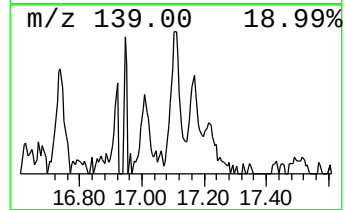
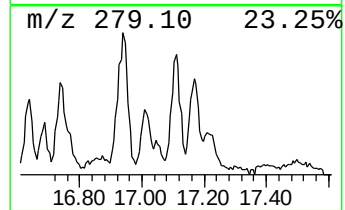
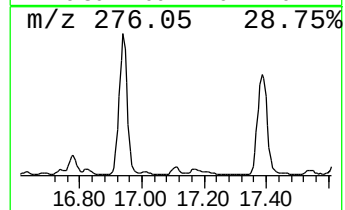
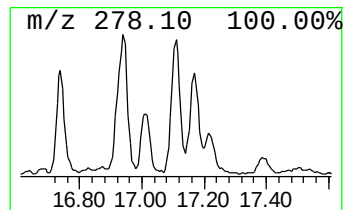
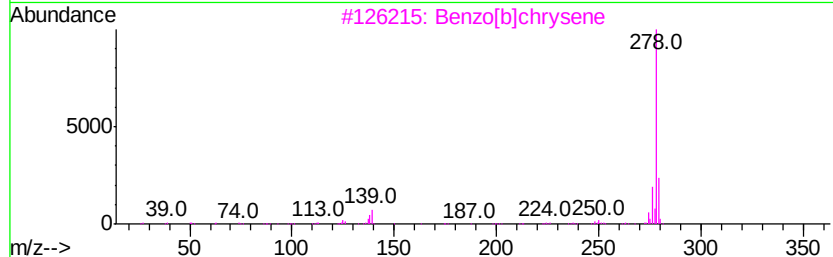
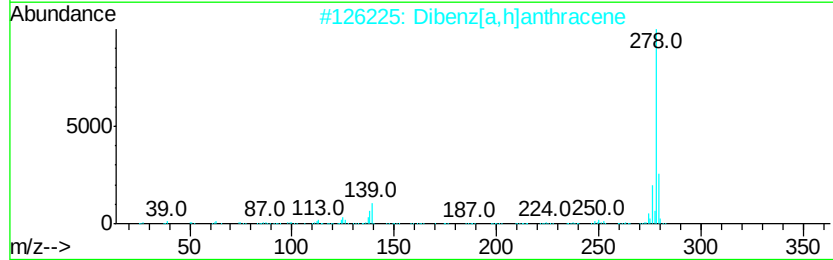
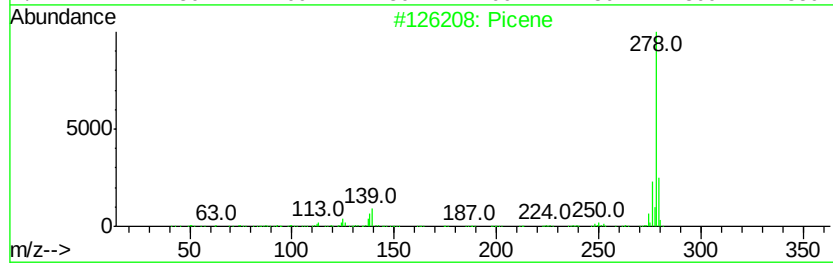
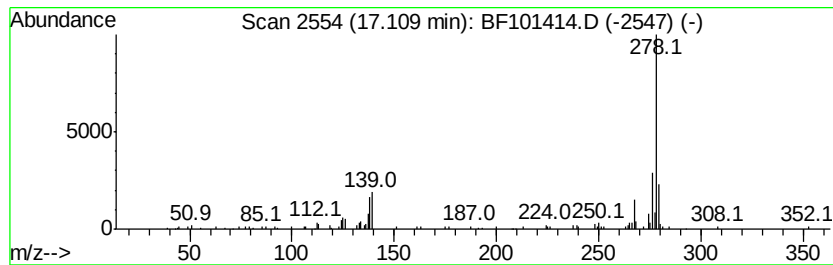
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Picene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	4.03 ng	193023	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	97
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
3		Benzo[b]chrysene	278	C22H14	000214-17-5	96
4		Benzo[b]triphenylene	278	C22H14	000215-58-7	96
5		Pentaphene	278	C22H14	000222-93-5	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
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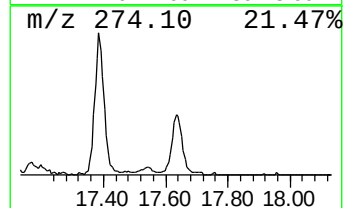
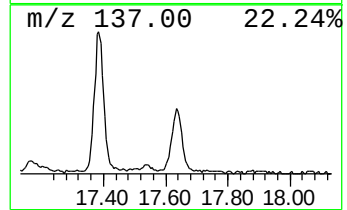
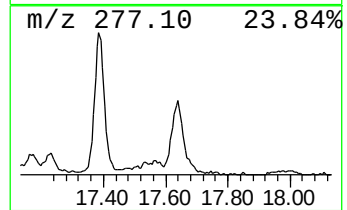
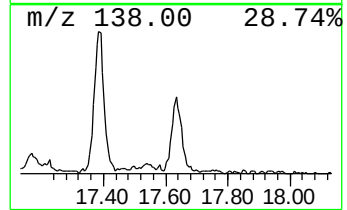
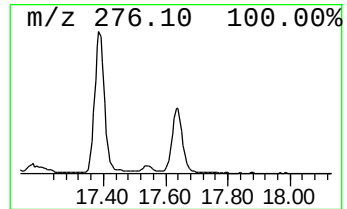
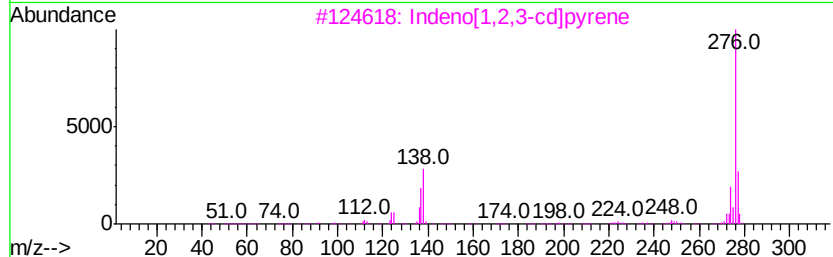
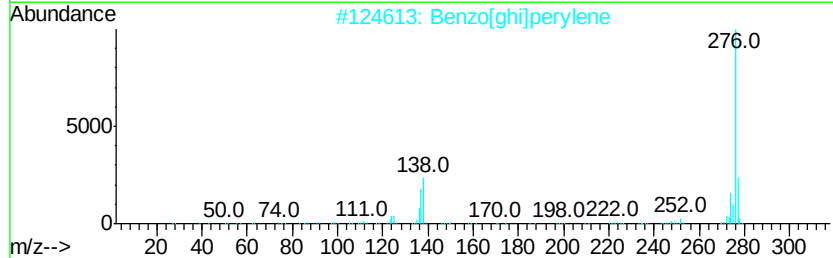
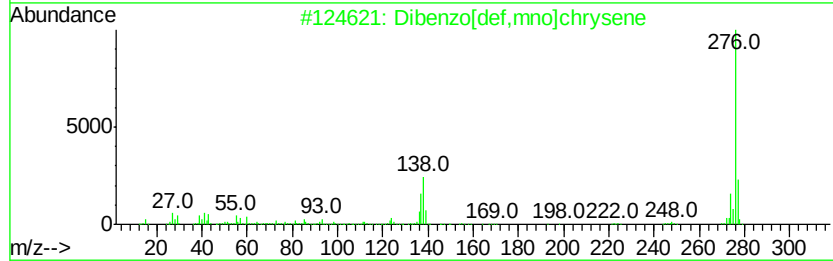
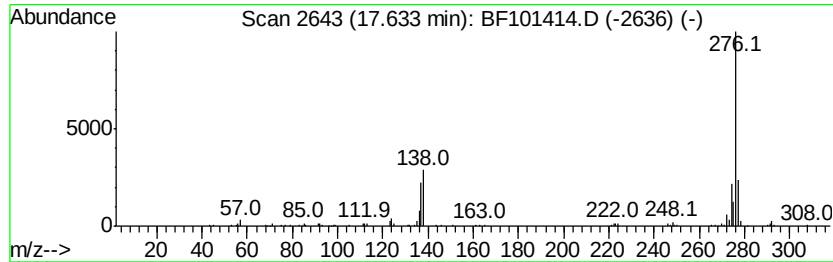
Instrument :
BNA_F
ClientSampleId :
WC-9871-01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.63	8.23 ng	393863	Perylene-d12	15.46		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	98
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	83
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
 Data File : BF101414.D
 Acq On : 15 Dec 2017 00:44
 Operator : SJ/JU
 Sample : I6848-01 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-9871-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
Indene	7.07	5.9 ng		332650	1	6.81	1129650	20.0
Hexadecane	10.27	3.3 ng		277035	3	9.85	1657250	20.0
Dibenzofuran, 4-m...	10.64	3.4 ng		283106	4	11.35	1686810	20.0
Heptadecane	10.75	4.6 ng		390839	4	11.35	1686810	20.0
Pentadecane	11.19	3.0 ng		250496	4	11.35	1686810	20.0
Dibenzothiophene	11.24	4.3 ng		364180	4	11.35	1686810	20.0
Phenanthrene, 2-m...	11.85	5.7 ng		479374	4	11.35	1686810	20.0
4H-Cyclopenta[def...	11.96	16.4 ng		1384660	4	11.35	1686810	20.0
Naphthalene, 1-ph...	12.14	5.9 ng		500395	4	11.35	1686810	20.0
11H-Benzo[b]fluorene	13.12	3.9 ng		681921	5	13.99	3527110	20.0
Fluoranthene, 2-m...	13.19	4.9 ng		857299	5	13.99	3527110	20.0
Cyclopenta[cd]pyrene	13.79	2.6 ng		461440	5	13.99	3527110	20.0
Benzo[e]pyrene	15.14	7.0 ng		333417	6	15.46	957691	20.0
Perylene	15.34	15.0 ng		718017	6	15.46	957691	20.0
1-Benzothieno[3,2...	15.69	3.2 ng		151781	6	15.46	957691	20.0
Picene	17.11	4.0 ng		193023	6	15.46	957691	20.0
Dibenzo[def,mno]c...	17.63	8.2 ng		393863	6	15.46	957691	20.0