

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104672.D
 Acq On : 20 Apr 2018 14:21
 Operator : JU/SJ
 Sample : J2480-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-7A(0-5)

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-BF040618.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	5.422	562	567	570	rBV	2378270	2203001	19.11%	1.210%
2	6.439	736	740	746	rBV	2092118	2261396	19.62%	1.242%
3	6.575	758	763	766	rBV	2603206	2281649	19.79%	1.253%
4	6.804	798	802	805	rBV	819287	656533	5.69%	0.361%
5	6.957	824	828	831	rBV	2087973	1909820	16.57%	1.049%
6	7.369	894	898	901	rBV	1624392	1393090	12.08%	0.765%
7	8.086	1017	1020	1022	rBV	911364	965628	8.38%	0.530%
8	8.110	1022	1024	1027	rVV	3178489	2715061	23.55%	1.491%
9	8.798	1137	1141	1146	rBV	1639400	1482938	12.86%	0.814%
10	8.898	1153	1158	1162	rVV	1382962	1137077	9.86%	0.624%
11	9.163	1199	1203	1206	rVB	2845193	2417878	20.97%	1.328%
12	9.263	1217	1220	1225	rVB	549761	482956	4.19%	0.265%
13	9.357	1233	1236	1242	rVB	475243	465953	4.04%	0.256%
14	9.427	1242	1248	1252	rBV	541718	763524	6.62%	0.419%
15	9.498	1256	1260	1263	rVV	917158	985080	8.54%	0.541%
16	9.527	1263	1265	1268	rVV	674906	537632	4.66%	0.295%
17	9.616	1275	1280	1285	rVV2	485449	619340	5.37%	0.340%
18	9.845	1316	1319	1321	rVV	799714	774849	6.72%	0.426%
19	9.880	1321	1325	1328	rVV	3541706	3166578	27.47%	1.739%
20	9.998	1340	1345	1349	rBV2	474068	514444	4.46%	0.283%
21	10.051	1349	1354	1357	rVV	2176863	2008298	17.42%	1.103%
22	10.392	1408	1412	1417	rBV	2090428	2060627	17.87%	1.132%
23	10.457	1421	1423	1425	rVV	566838	472240	4.10%	0.259%
24	10.480	1425	1427	1429	rVV	587522	465527	4.04%	0.256%
25	10.545	1436	1438	1443	rVB	960209	896365	7.78%	0.492%
26	10.633	1450	1453	1457	rVV2	1952824	2134910	18.52%	1.172%
27	10.927	1498	1503	1504	rBV2	513744	793029	6.88%	0.436%
28	11.069	1522	1527	1529	rBV2	561913	806440	7.00%	0.443%
29	11.145	1536	1540	1543	rVB	1354023	1241666	10.77%	0.682%
30	11.192	1543	1548	1551	rBV2	1102686	1405506	12.19%	0.772%
31	11.233	1551	1555	1560	rVB	1515038	1505248	13.06%	0.827%
32	11.386	1568	1581	1583	rBV2	5063690	11528408	100.00%	6.331%
33	11.421	1583	1587	1589	rVV	3255102	3110958	26.99%	1.709%
34	11.569	1605	1612	1619	rBV2	1719544	2464562	21.38%	1.354%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.627	1619	1622	1626	rVV2	558569	511199	4.43%	0.281%
36	11.669	1626	1629	1633	rVV5	412830	506420	4.39%	0.278%
37	11.839	1653	1658	1660	rBV	2220040	2107268	18.28%	1.157%
38	11.868	1660	1663	1667	rVB	2805175	2748081	23.84%	1.509%
39	11.916	1667	1671	1674	rBV	1379354	1276414	11.07%	0.701%
40	11.957	1674	1678	1680	rBV	2588108	3283728	28.48%	1.803%
41	11.974	1680	1681	1685	rVB	1742322	1110480	9.63%	0.610%
42	12.133	1705	1708	1711	rVV	1760227	1507420	13.08%	0.828%
43	12.168	1711	1714	1717	rVV	965932	911655	7.91%	0.501%
44	12.280	1728	1733	1736	rBV2	626468	760403	6.60%	0.418%
45	12.339	1740	1743	1746	rVB2	472233	476728	4.14%	0.262%
46	12.386	1746	1751	1754	rBV	1043913	1289395	11.18%	0.708%
47	12.427	1754	1758	1760	rVV4	803932	1066469	9.25%	0.586%
48	12.492	1764	1769	1775	rVB2	970225	1590724	13.80%	0.874%
49	12.580	1775	1784	1786	rBV	4701584	10843919	94.06%	5.956%
50	12.704	1800	1805	1808	rBV	1157239	1262131	10.95%	0.693%
51	12.810	1815	1823	1826	rVV3	4684739	11244452	97.54%	6.175%
52	12.833	1826	1827	1832	rVB2	1213238	972880	8.44%	0.534%
53	12.904	1834	1839	1840	rBV	1198614	1180921	10.24%	0.649%
54	12.921	1840	1842	1844	rVV	1929848	1960179	17.00%	1.077%
55	12.945	1844	1846	1849	rVB	1138977	1037888	9.00%	0.570%
56	13.010	1849	1857	1859	rBV2	1242254	2237329	19.41%	1.229%
57	13.092	1867	1871	1872	rVV3	1082163	1392067	12.08%	0.765%
58	13.115	1872	1875	1877	rVB	1883533	1932473	16.76%	1.061%
59	13.180	1883	1886	1888	rVV	716879	688029	5.97%	0.378%
60	13.215	1888	1892	1895	rVV2	1652435	2314371	20.08%	1.271%
61	13.245	1895	1897	1900	rVV2	494255	570990	4.95%	0.314%
62	13.274	1900	1902	1905	rVV2	477578	466419	4.05%	0.256%
63	13.310	1905	1908	1911	rVV	1131322	1209484	10.49%	0.664%
64	13.345	1911	1914	1916	rVV2	1402150	1484509	12.88%	0.815%
65	13.539	1944	1947	1949	rVV	580235	635853	5.52%	0.349%
66	13.627	1958	1962	1966	rVV	1650630	1677301	14.55%	0.921%
67	13.733	1975	1980	1982	rVV	1462035	1654049	14.35%	0.908%
68	13.762	1982	1985	1987	rVV	1553344	1640875	14.23%	0.901%
69	13.792	1987	1990	1995	rVV3	1195922	2116795	18.36%	1.163%
70	13.845	1995	1999	2004	rVB	1418472	1661645	14.41%	0.913%
71	13.904	2004	2009	2012	rBV	393280	624065	5.41%	0.343%

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

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72	13.992	2016	2024	2027	rBV3	3820168	8112797	70.37%	4.456%
73	14.033	2027	2031	2036	rVB	3895096	5958797	51.69%	3.273%
74	14.098	2040	2042	2046	rVV	766831	770750	6.69%	0.423%
75	14.162	2046	2053	2054	rVV5	361538	697532	6.05%	0.383%
76	14.180	2054	2056	2058	rVV	550258	532033	4.61%	0.292%
77	14.221	2058	2063	2065	rVV2	754720	1043187	9.05%	0.573%
78	14.310	2075	2078	2080	rVV2	404482	469030	4.07%	0.258%
79	14.339	2080	2083	2085	rVV	614730	669666	5.81%	0.368%
80	14.380	2085	2090	2093	rVV	1608753	2055967	17.83%	1.129%
81	14.410	2093	2095	2099	rVV	930964	1066564	9.25%	0.586%
82	14.462	2099	2104	2109	rVV4	543424	1394936	12.10%	0.766%
83	14.504	2109	2111	2113	rVV	778813	792802	6.88%	0.435%
84	14.527	2113	2115	2119	rVV2	609138	706092	6.12%	0.388%
85	14.574	2119	2123	2129	rVV3	596973	868021	7.53%	0.477%
86	14.692	2140	2143	2152	rVB3	525310	942846	8.18%	0.518%
87	14.874	2170	2174	2177	rBV2	575589	705023	6.12%	0.387%
88	15.057	2196	2205	2208	rBV2	3055105	7435962	64.50%	4.084%
89	15.145	2217	2220	2223	rVB	799425	847596	7.35%	0.466%
90	15.351	2248	2255	2260	rVB	2004760	3333258	28.91%	1.831%
91	15.421	2260	2267	2271	rVV	2600690	4304496	37.34%	2.364%
92	15.468	2271	2275	2277	rVV	442734	538965	4.68%	0.296%
93	15.504	2277	2281	2286	rVB2	1181870	1683262	14.60%	0.924%
94	15.668	2306	2309	2316	rVB2	260103	478742	4.15%	0.263%
95	16.727	2484	2489	2493	rBV2	207536	443357	3.85%	0.243%
96	16.945	2516	2526	2531	rVB	1320430	3029873	26.28%	1.664%
97	17.098	2545	2552	2557	rBV	356153	795550	6.90%	0.437%
98	17.156	2557	2562	2567	rBV2	262159	459758	3.99%	0.252%
99	17.392	2592	2602	2611	rVB	991556	2475051	21.47%	1.359%
100	17.609	2633	2639	2652	rVB2	340465	887267	7.70%	0.487%

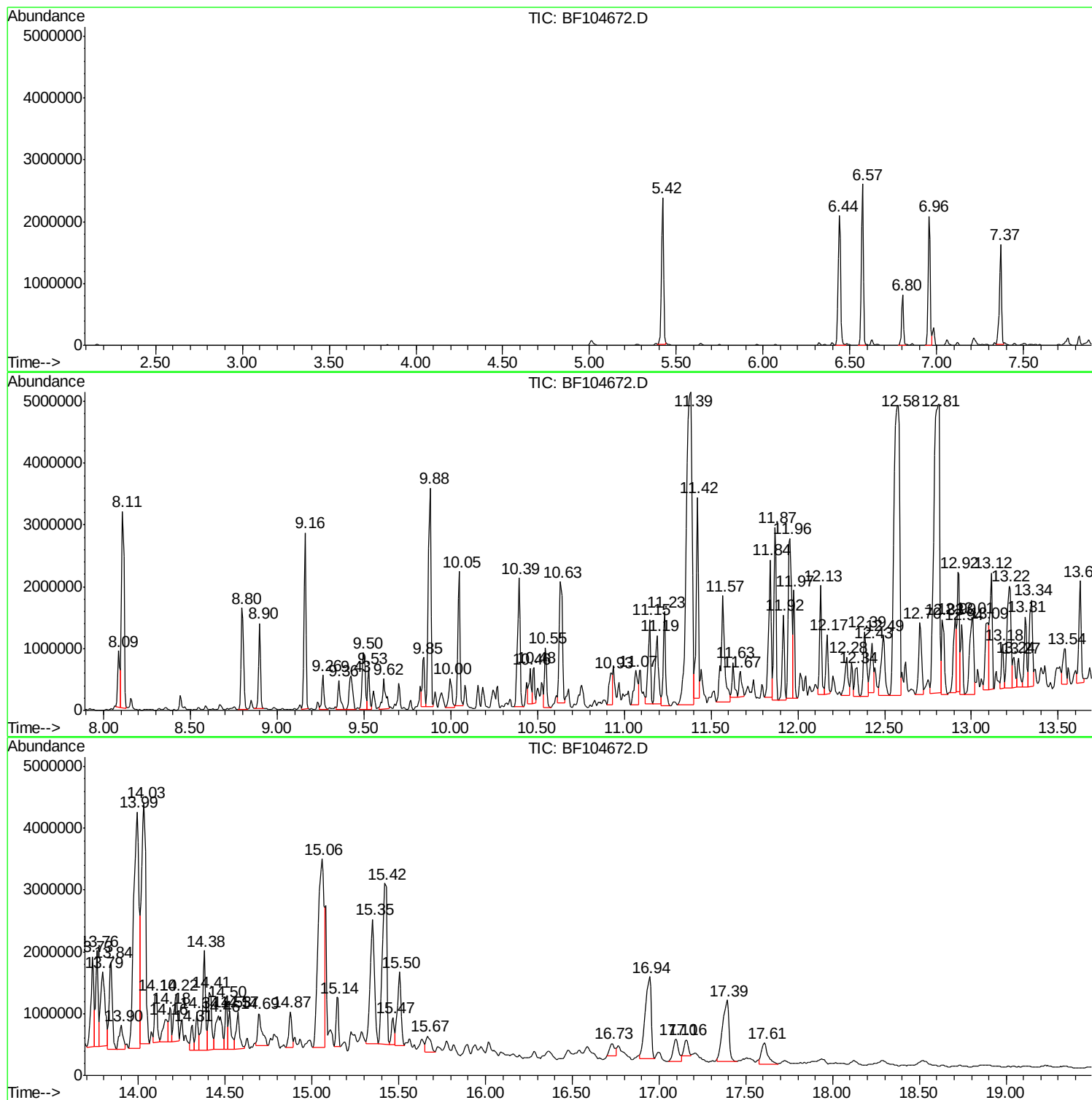
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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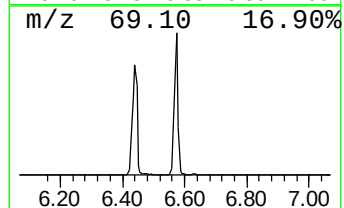
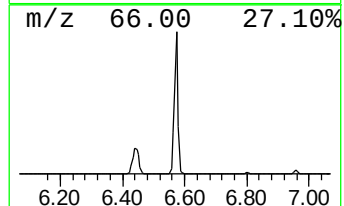
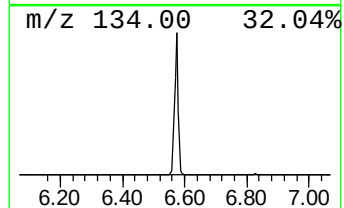
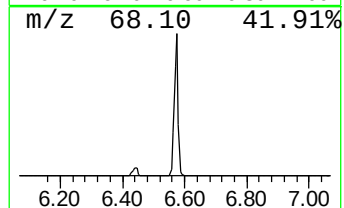
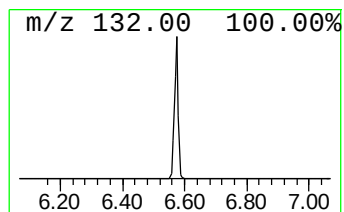
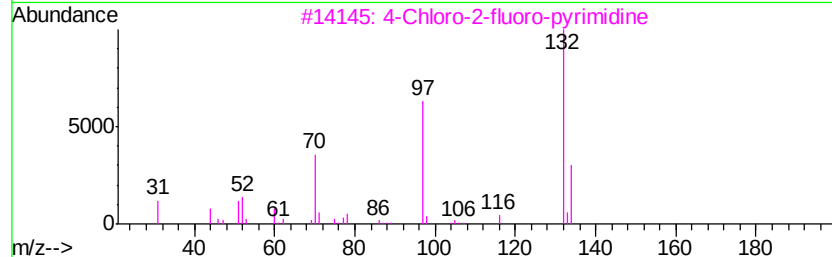
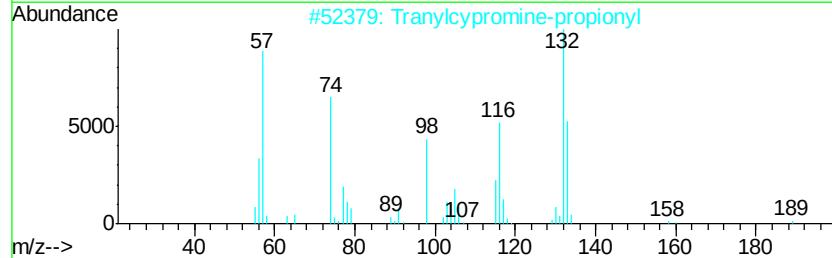
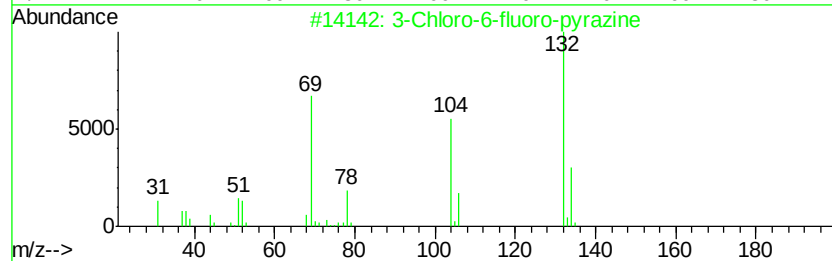
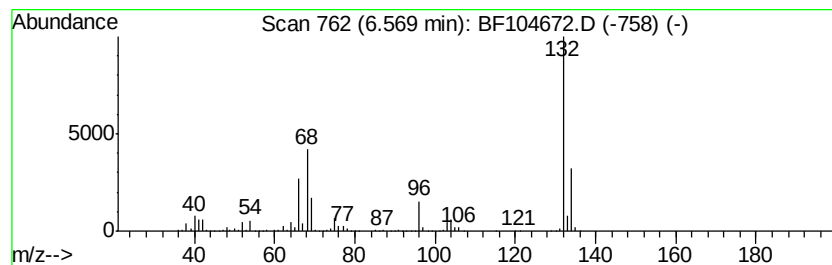
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	69.51 ng	2281650	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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Misc :
ALS Vial : 8 Sample Multiplier: 1

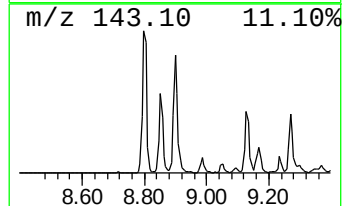
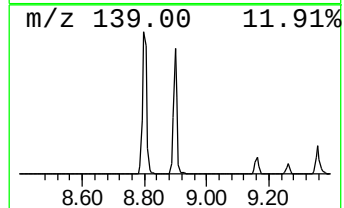
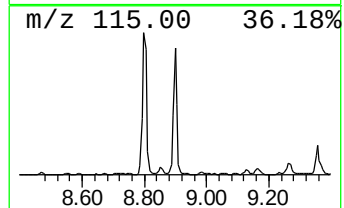
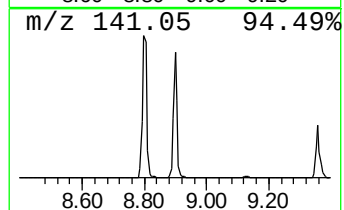
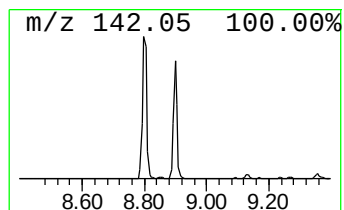
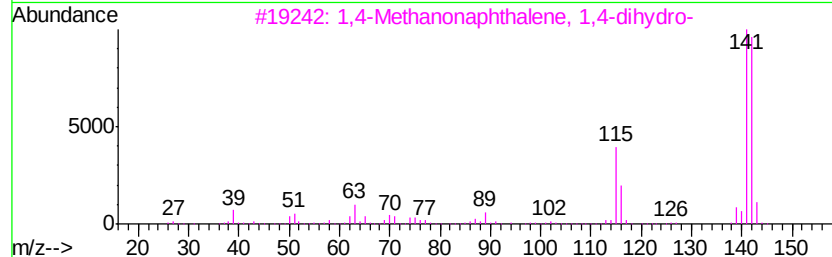
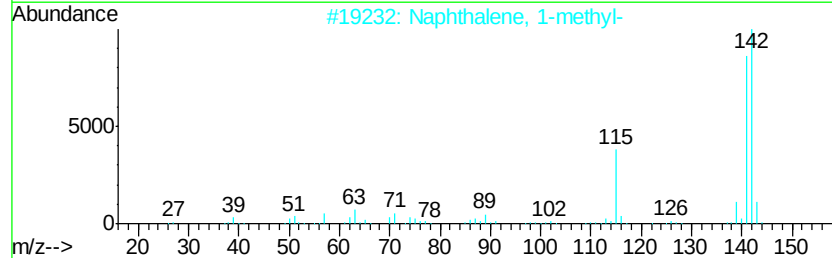
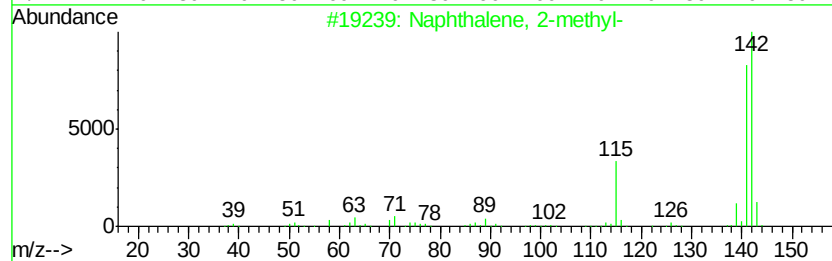
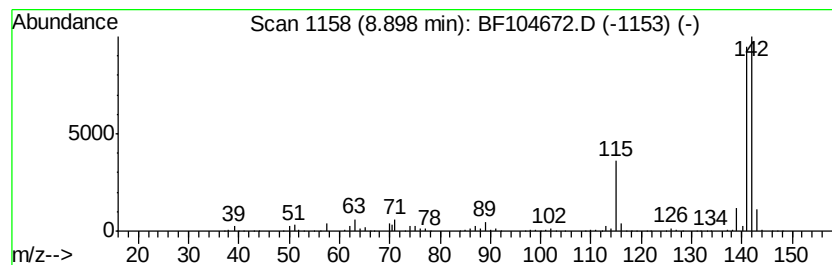
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	23.55 ng	1137080	Naphthalene-d8	8.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
3		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 91
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



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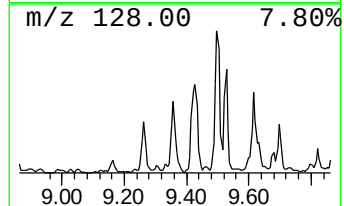
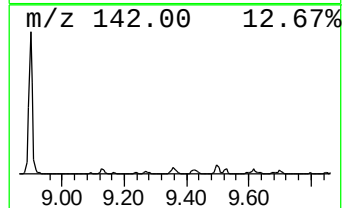
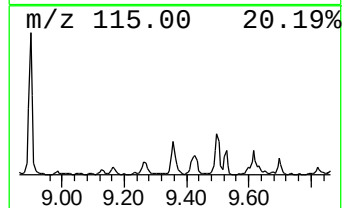
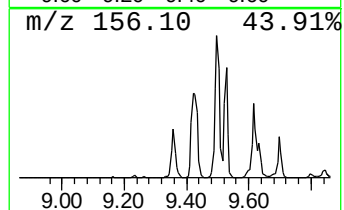
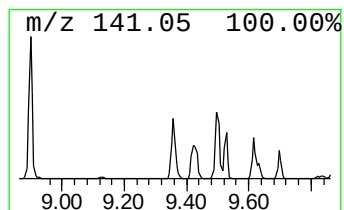
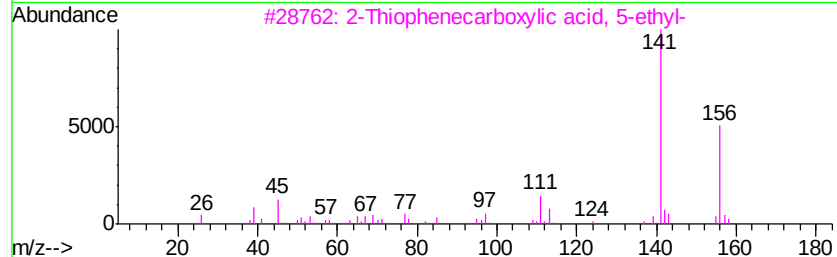
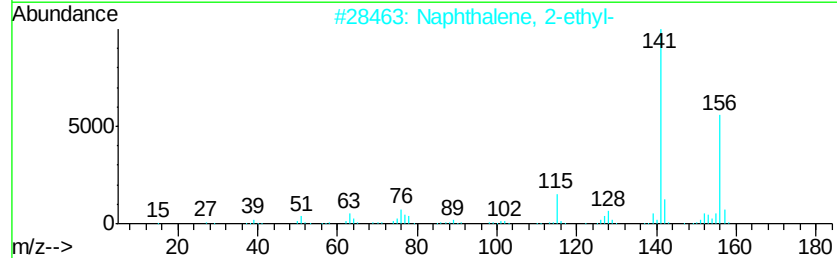
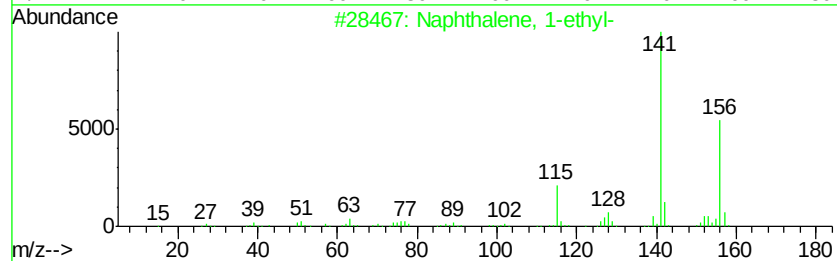
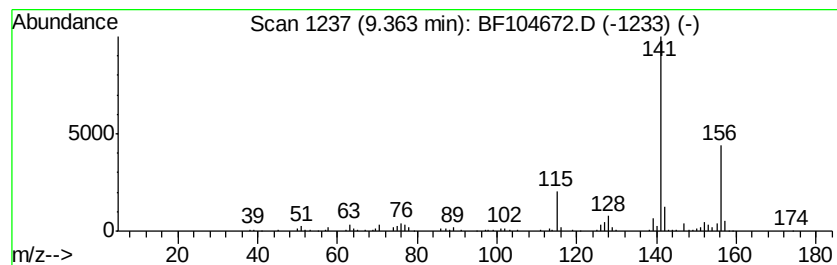
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	12.03 ng	465953	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
3		2-Thiophenecarboxylic acid, 5-et...	156 C7H8O2S	023229-72-3 64
4		1-Ethanone, 1-[4-(1-naphthalenyl)...]	276 C19H16O2	1000338-30-5 47
5		Ethanone, 1-(2,6-difluorophenyl)-	156 C8H6F2O	013670-99-0 45



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Operator : JU/SJ
Sample : J2480-03
Misc :
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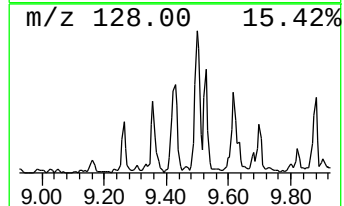
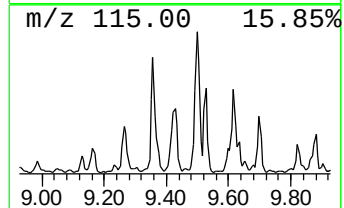
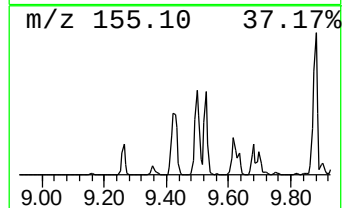
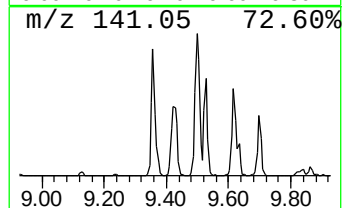
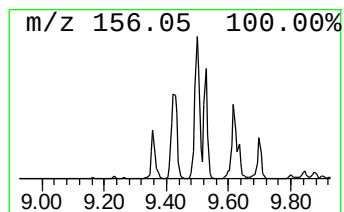
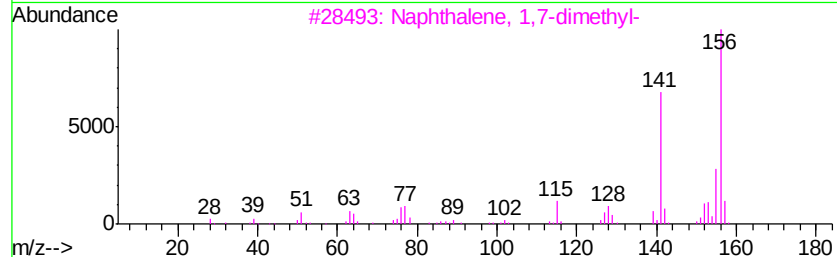
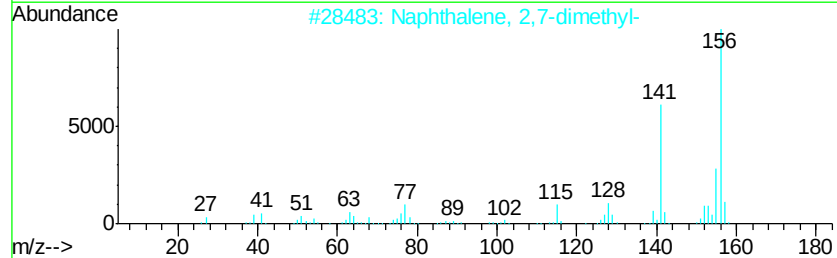
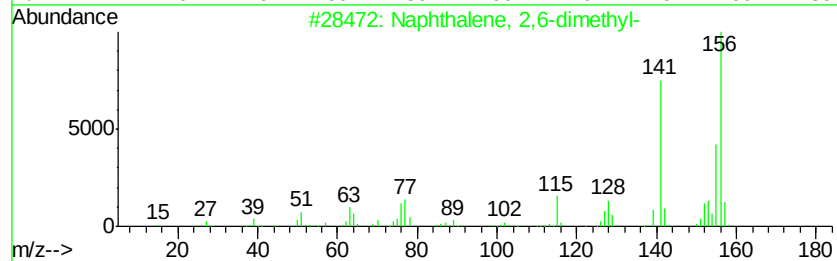
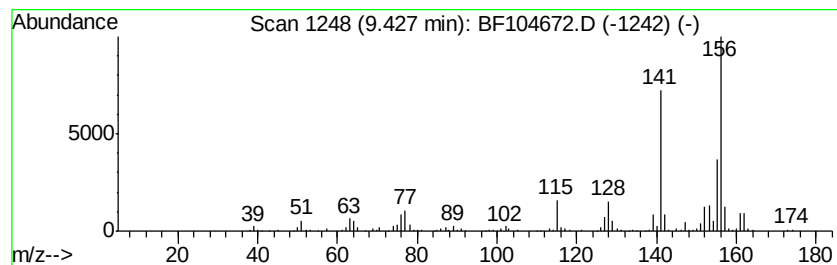
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	19.71 ng	763524	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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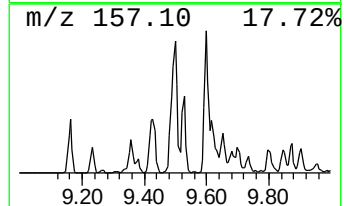
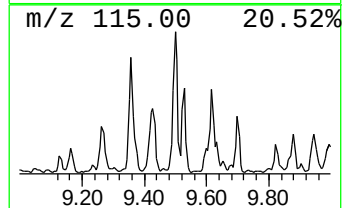
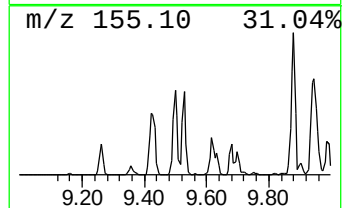
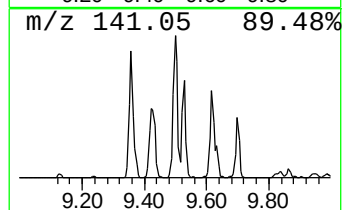
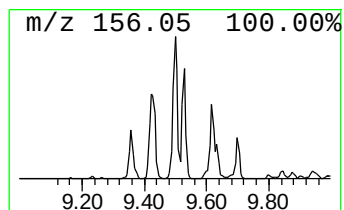
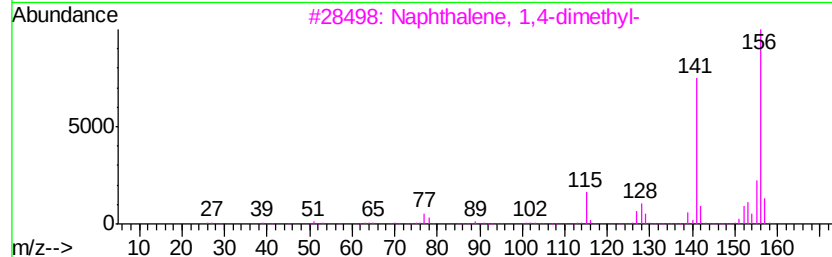
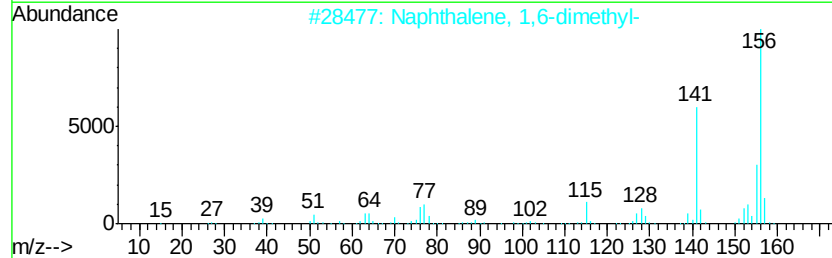
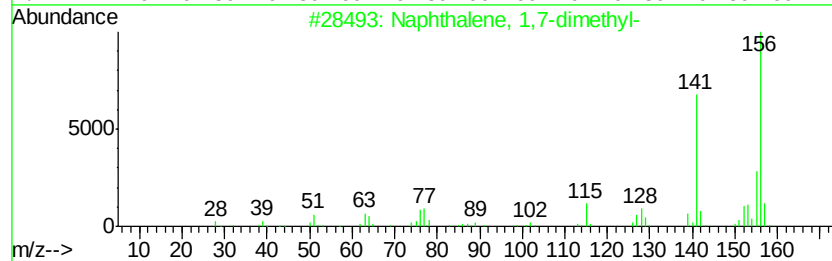
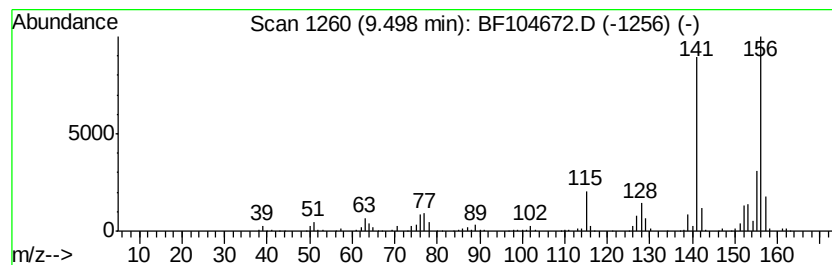
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	25.43 ng	985080	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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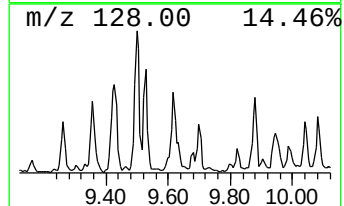
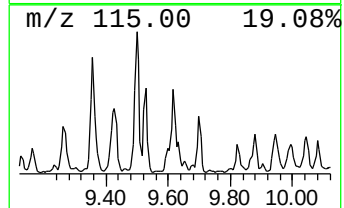
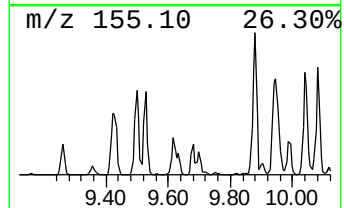
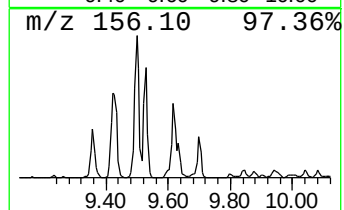
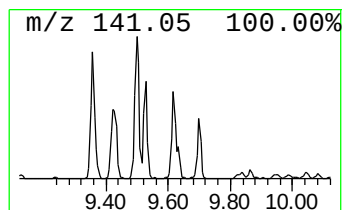
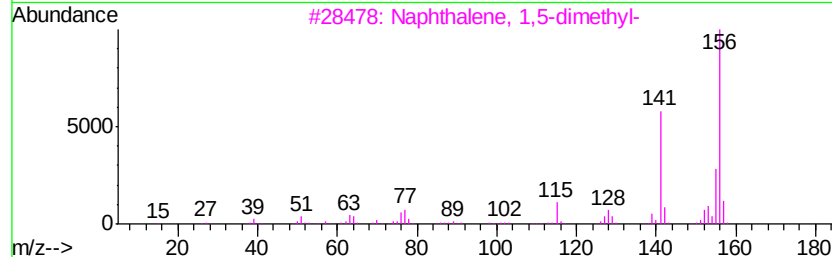
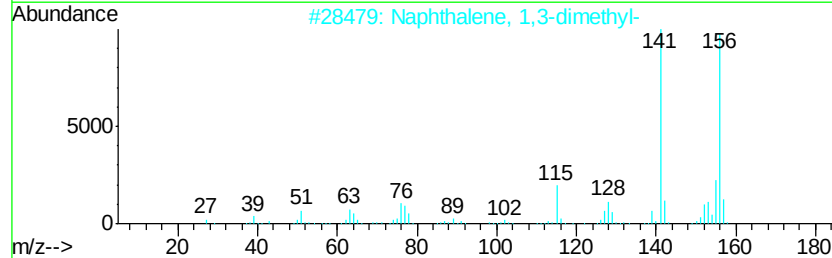
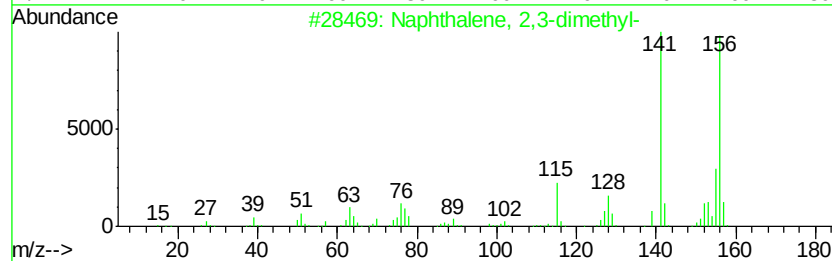
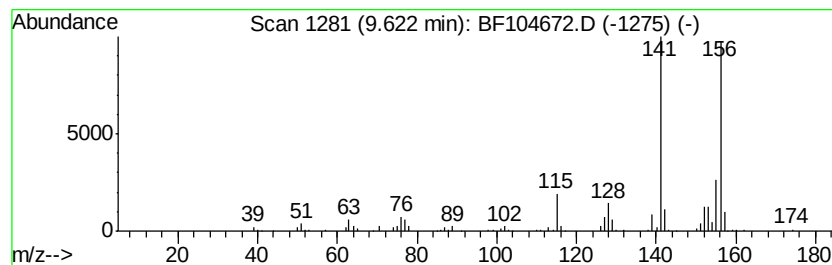
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.62	15.99 ng	619340	Acenaphthene-d10		9.84	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene,	2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene,	1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene,	1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene,	1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene,	1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104672.D
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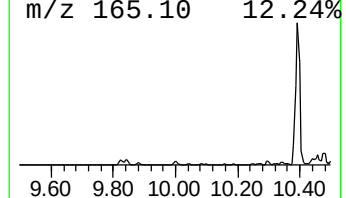
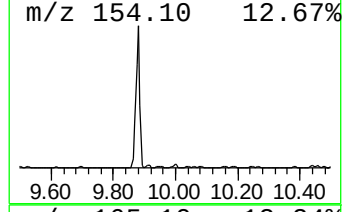
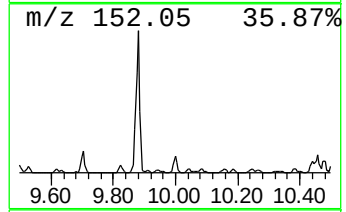
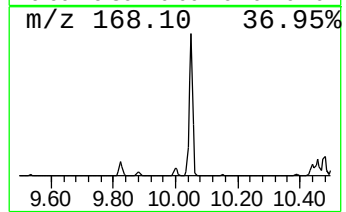
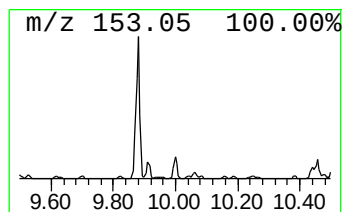
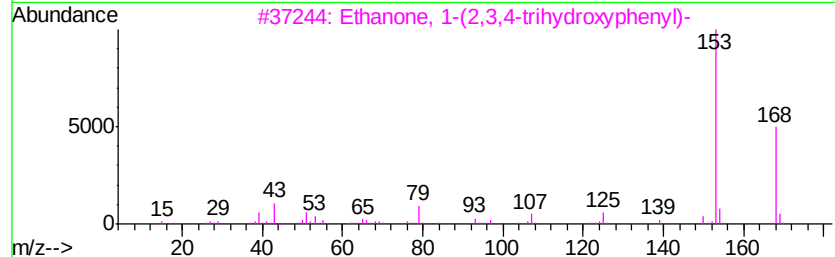
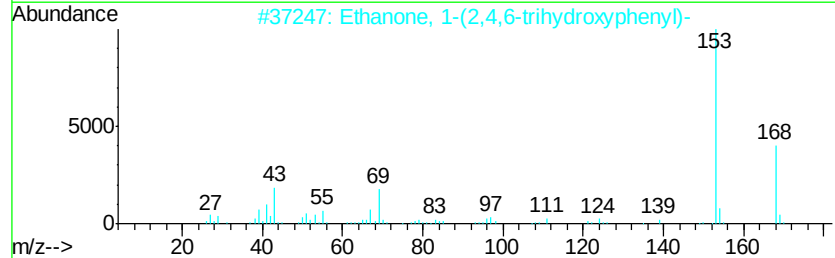
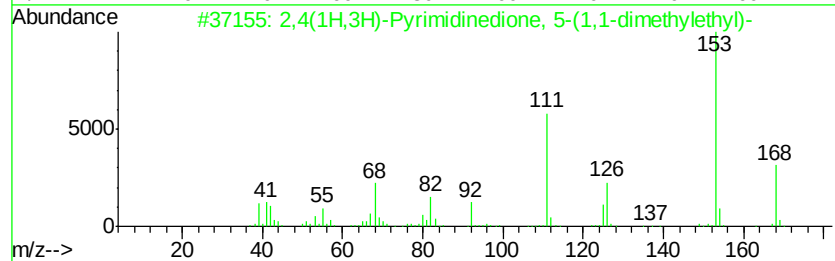
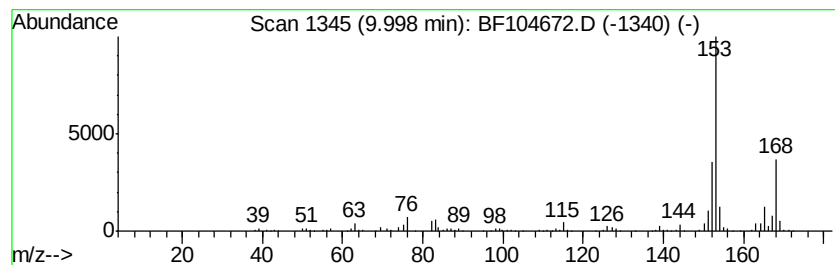
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,4(1H,3H)-Pyrimidinedione,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	13.28 ng	514444	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
2		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
3		Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	50
4		Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	50
5		1-Isopropenyl naphthalene	168	C13H12	001855-47-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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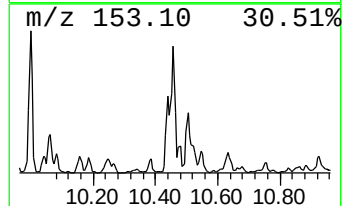
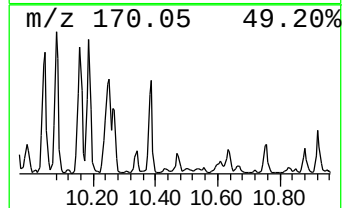
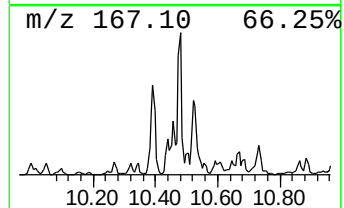
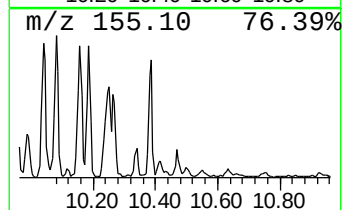
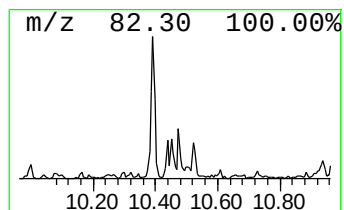
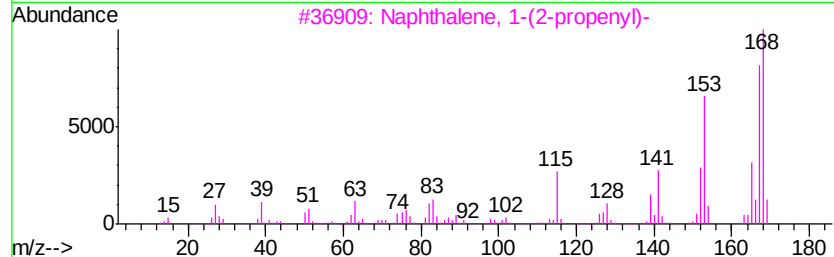
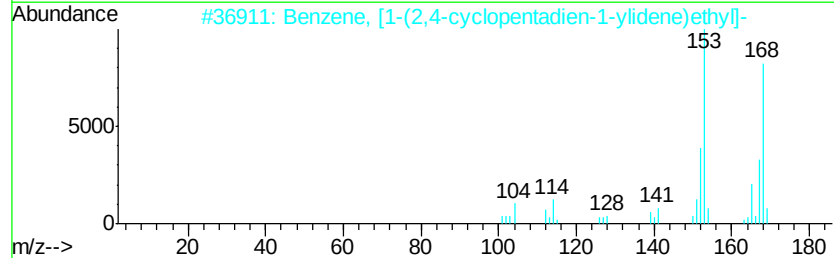
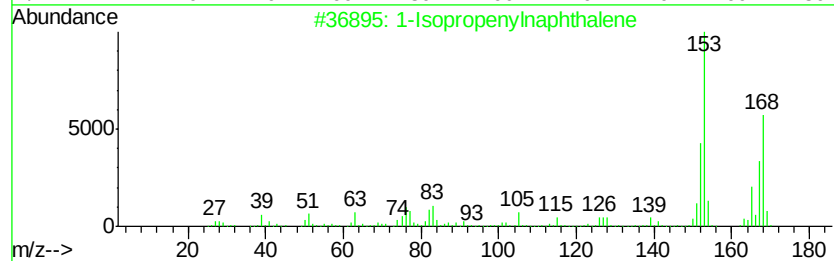
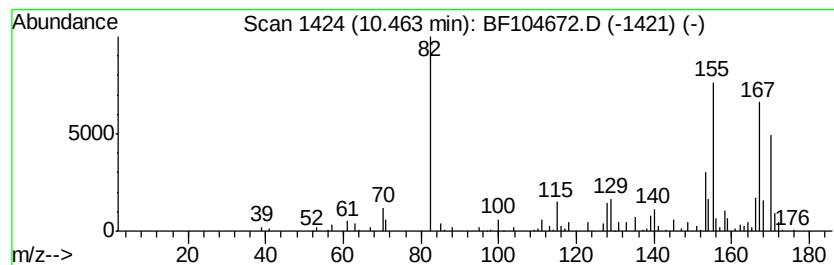
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	12.19 ng	472240	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 90
2		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 74
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 59
4		5-Acetyl-2-methyl-3-thiophenecar...	168 C8H8O2S	090345-55-4 47
5		Ethanone, 1-(2,3,4-trihydroxyphe...	168 C8H8O4	000528-21-2 47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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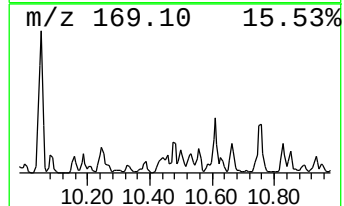
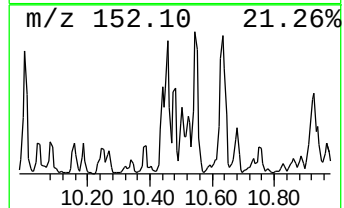
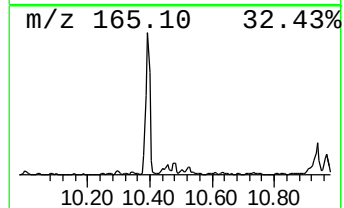
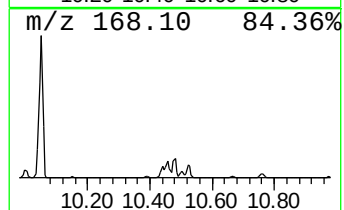
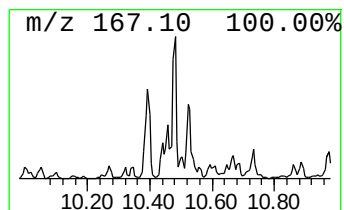
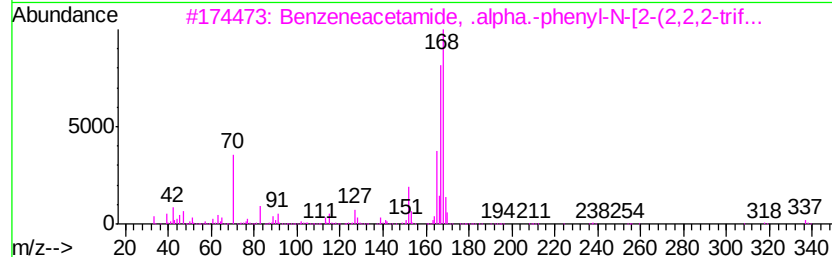
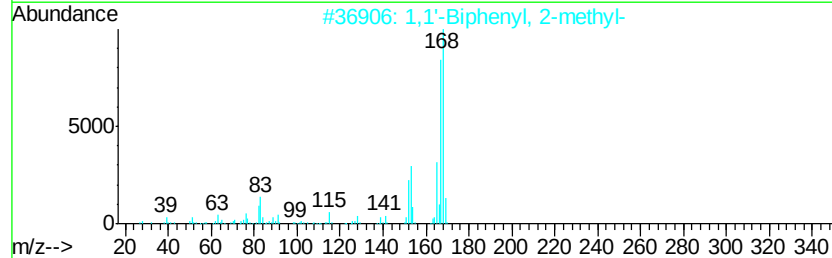
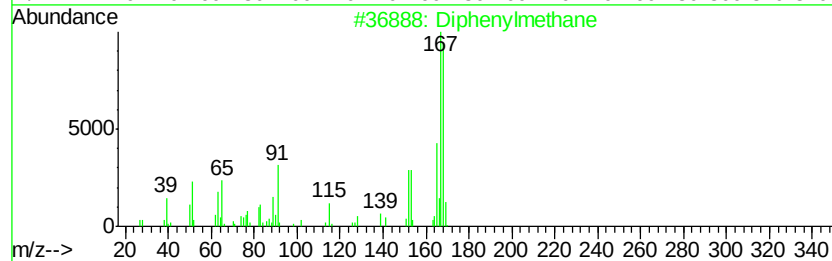
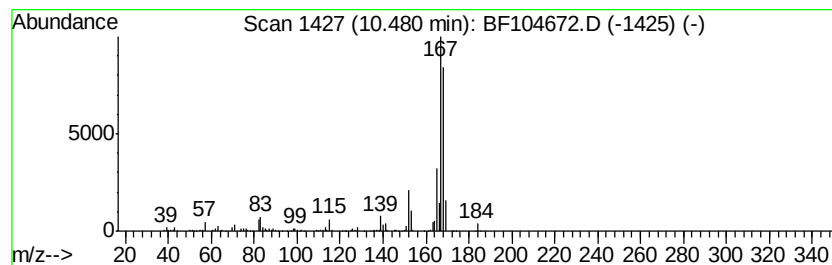
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Diphenylmethane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	12.02 ng	465527	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	83
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
3		Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3N02	1000350-80-6	83
4		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	52
5		Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
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Sample : J2480-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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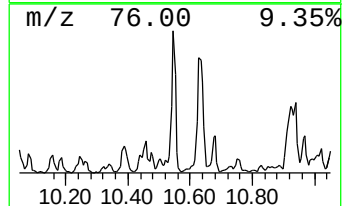
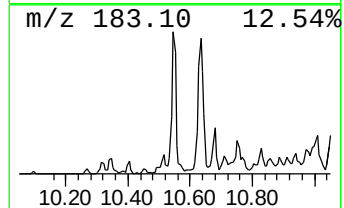
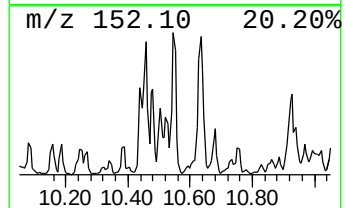
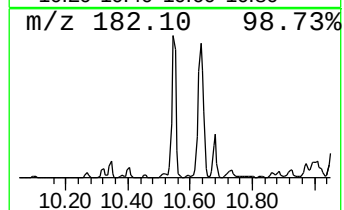
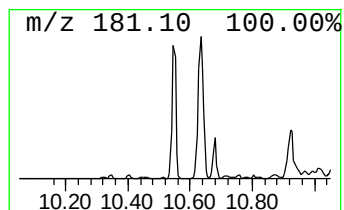
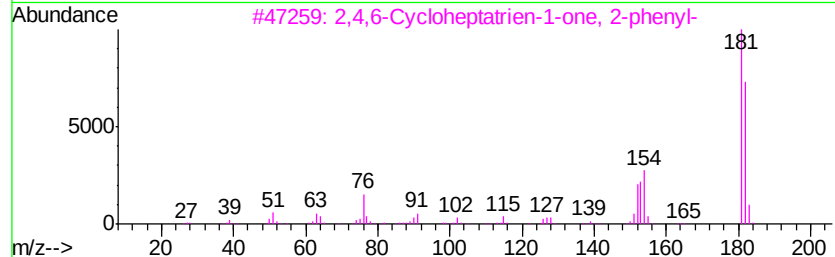
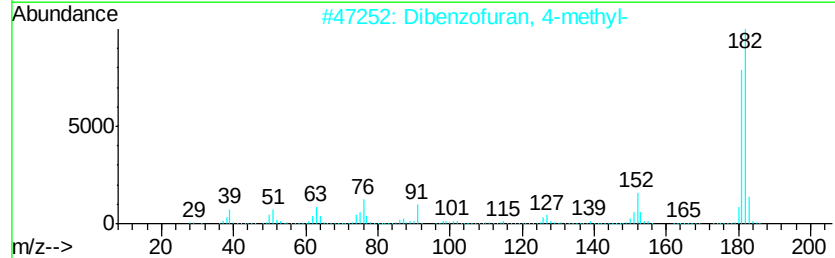
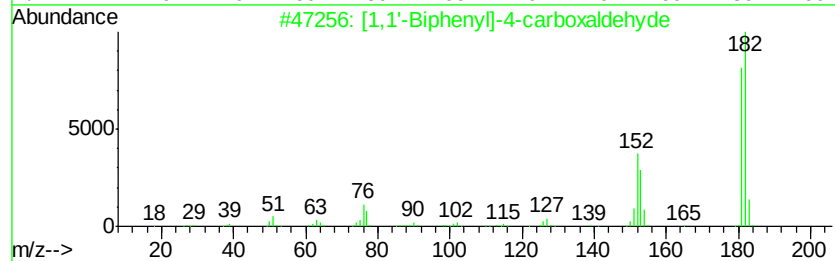
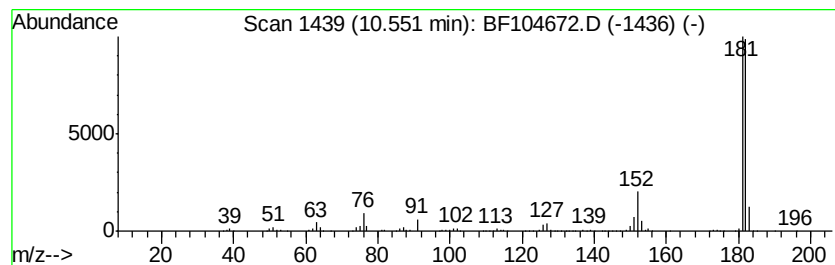
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	23.14 ng	896365	Acenaphthene-d10	9.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3			2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	86
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042018\
Data File : BF104672.D
Acq On : 20 Apr 2018 14:21
Operator : JU/SJ
Sample : J2480-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-7A(0-5)

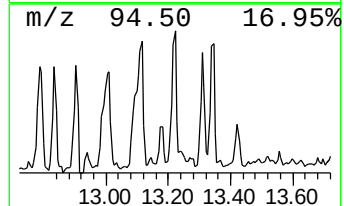
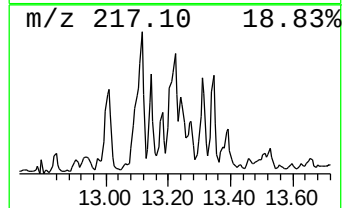
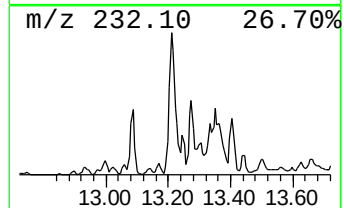
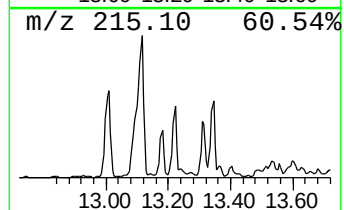
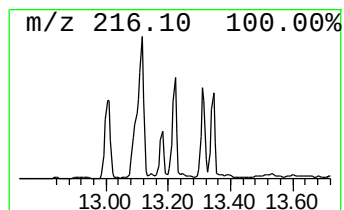
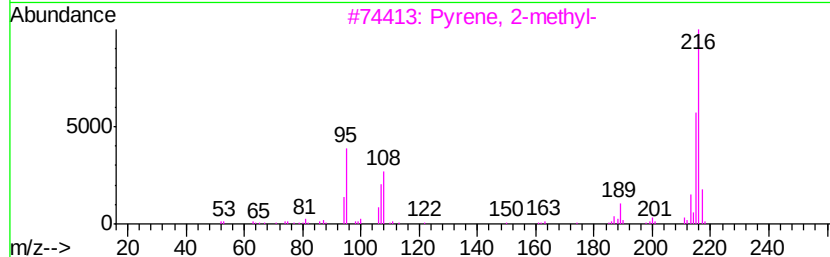
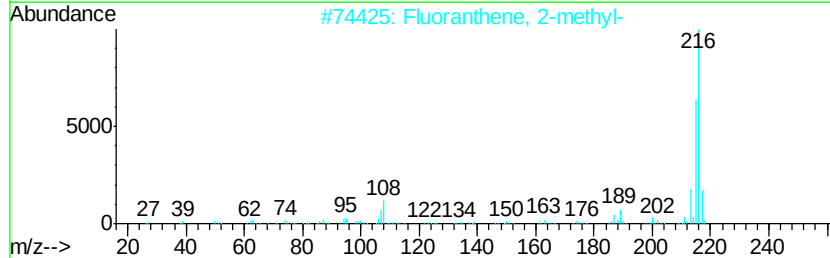
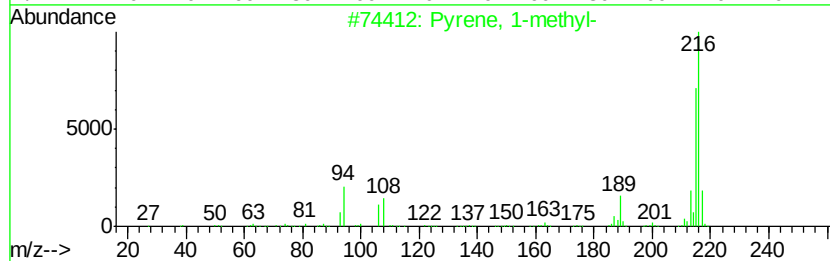
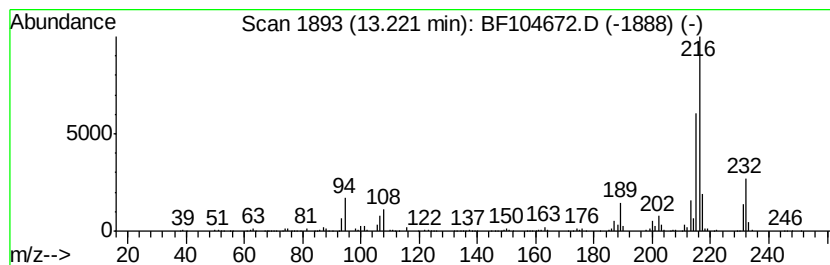
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	5.71 ng	2314370	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4			11H-Benzo[alfluorene	216	C17H12	000238-84-6	78
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	50



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Misc :
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ClientSampleId :
EPE-L-7A(0-5)

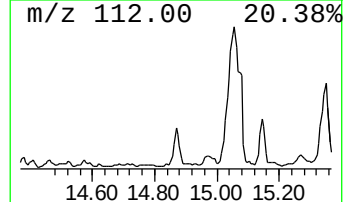
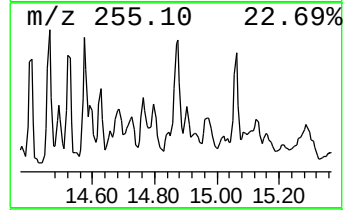
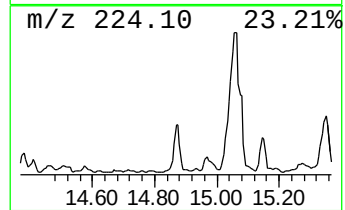
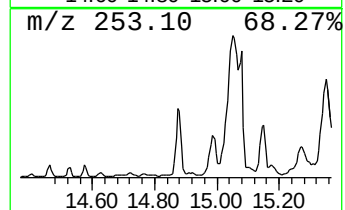
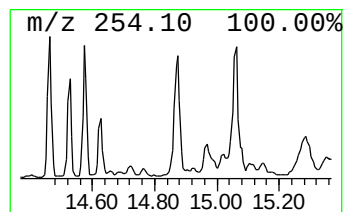
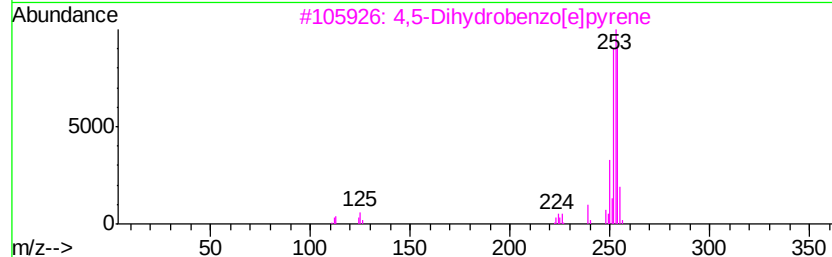
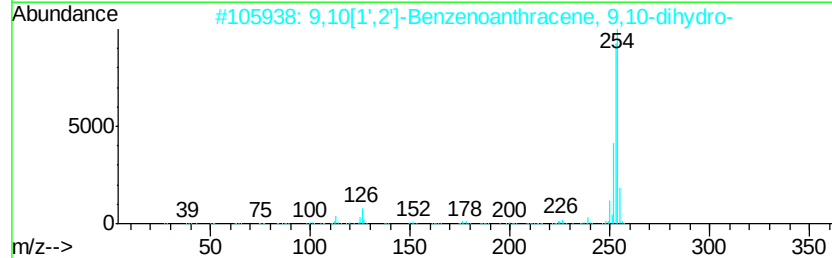
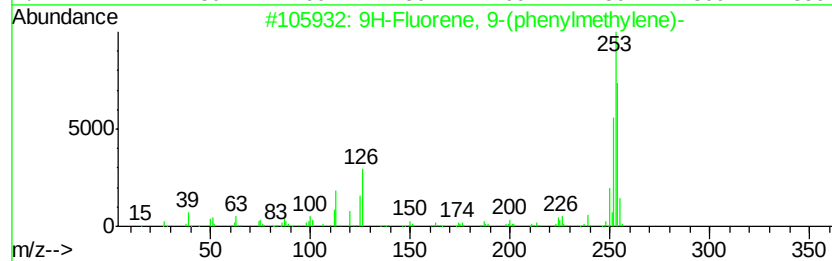
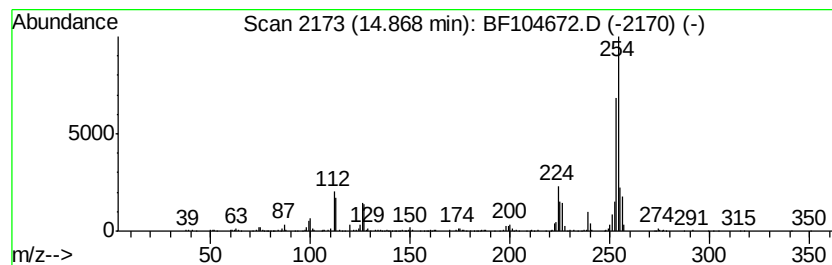
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluorene, 9-(phenylmethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	26.16 ng	705023	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
2		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	72
3		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	72
4		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	72
5		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	70



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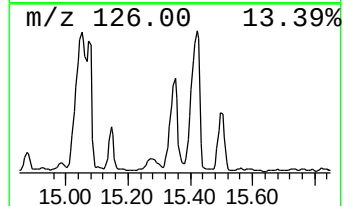
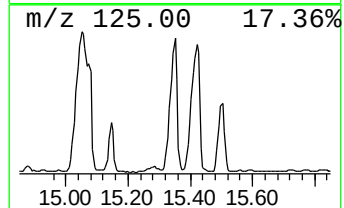
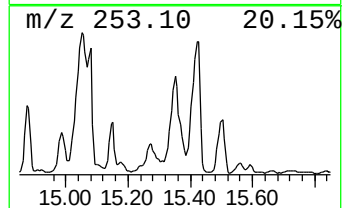
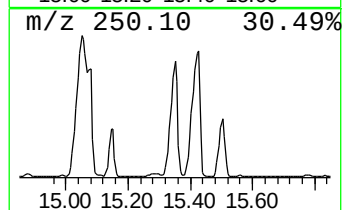
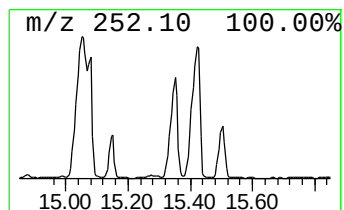
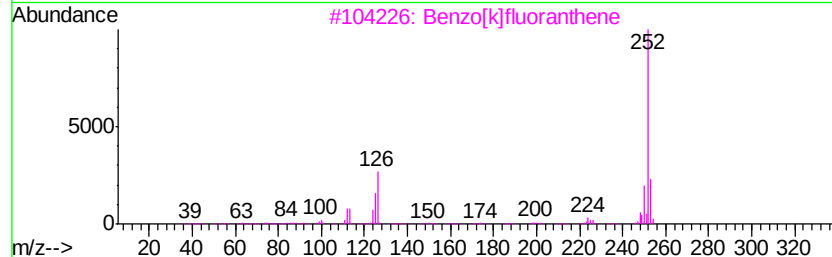
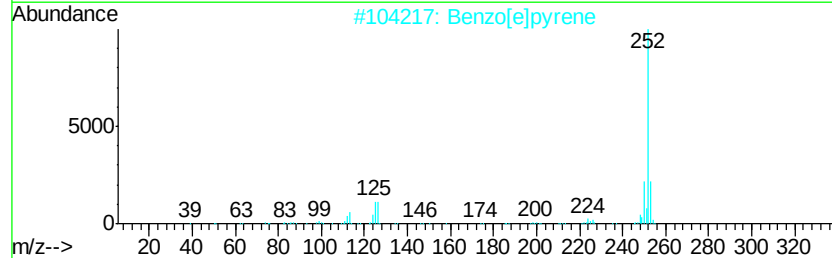
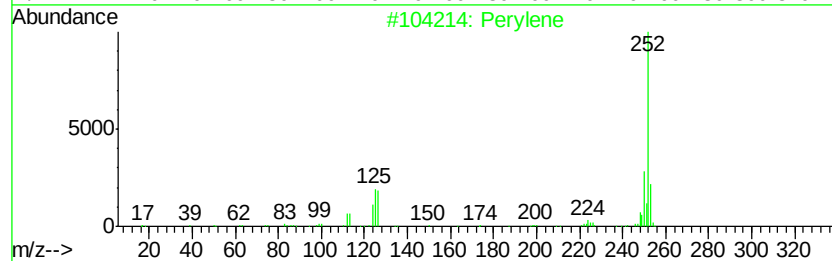
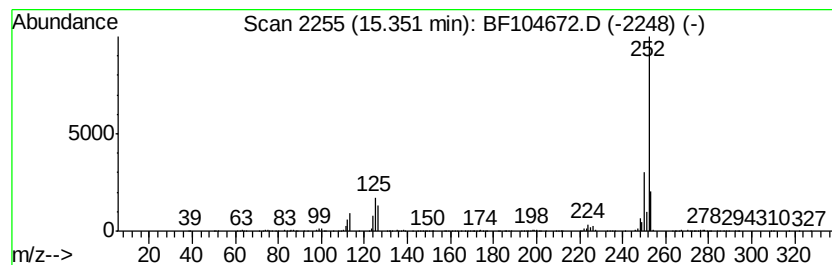
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	123.69 ng	3333260	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	94
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :
EPE-L-7A(0-5)

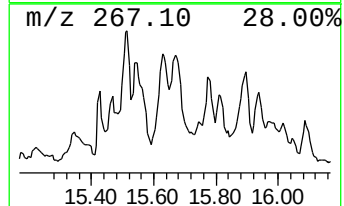
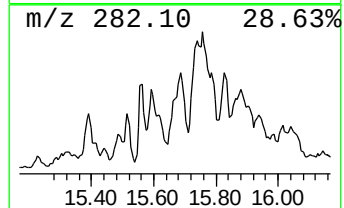
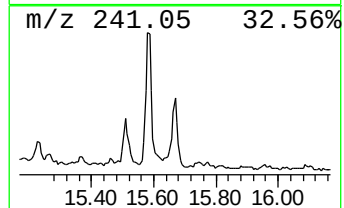
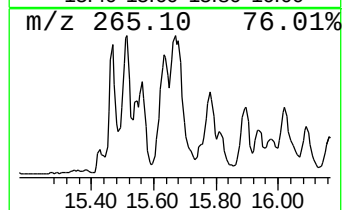
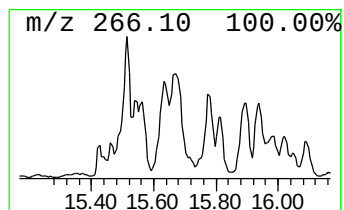
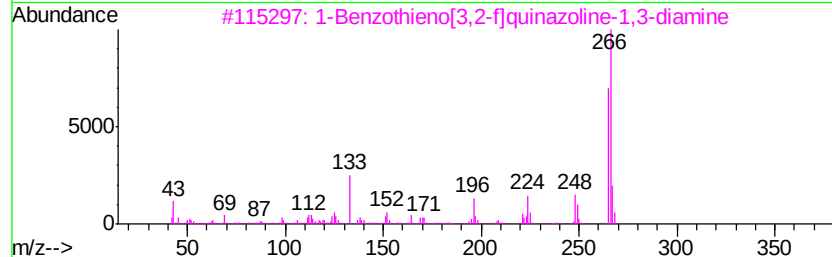
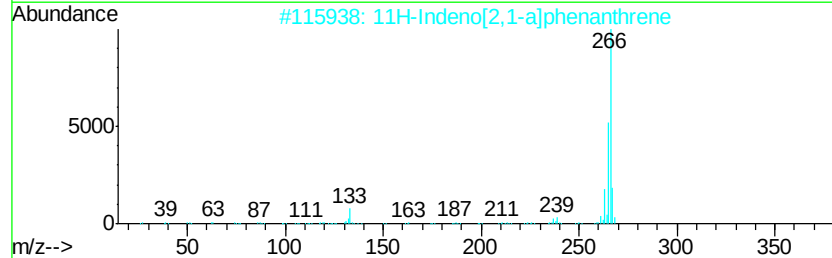
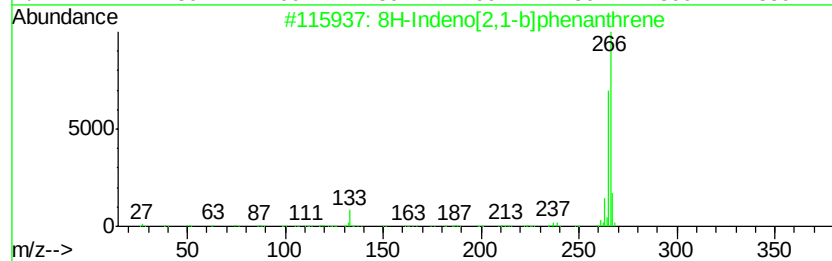
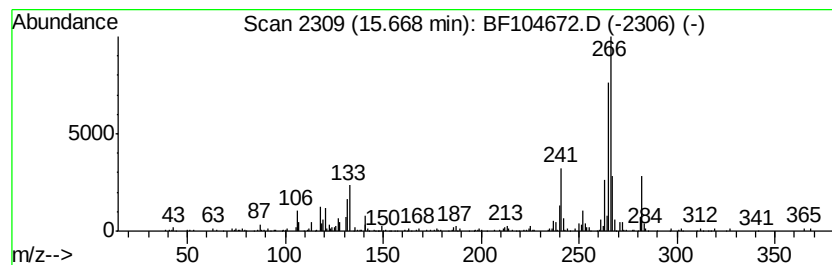
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 8H-Indeno[2,1-b]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	17.77 ng	478742	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	64
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	52
3		1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	50
4		13H-Dibenzof[a,h]fluorene	266	C21H14	000239-85-0	49
5		Cyclopentylidene-(4-phenyl-thiaz...	266	C16H14N2S	1000300-05-0	49



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Misc :
ALS Vial : 8 Sample Multiplier: 1

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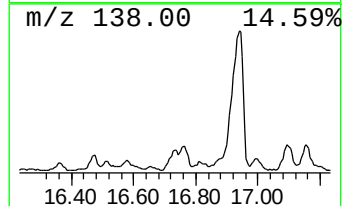
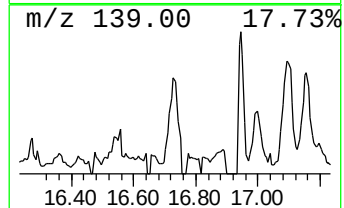
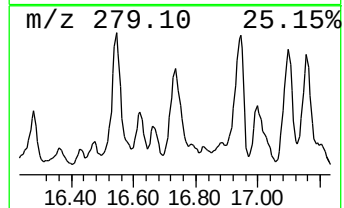
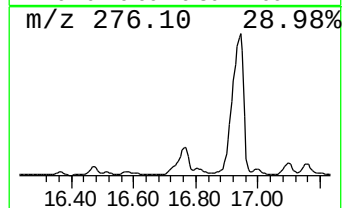
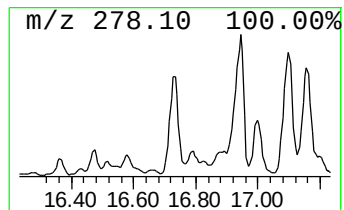
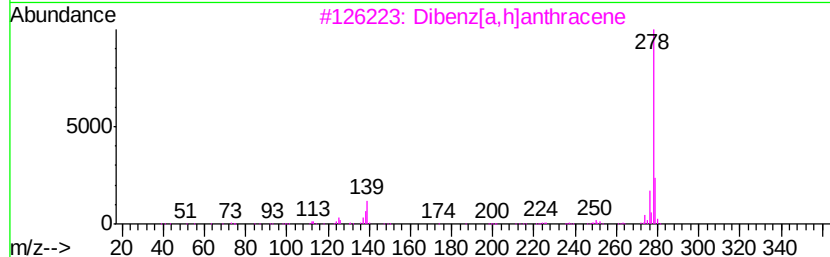
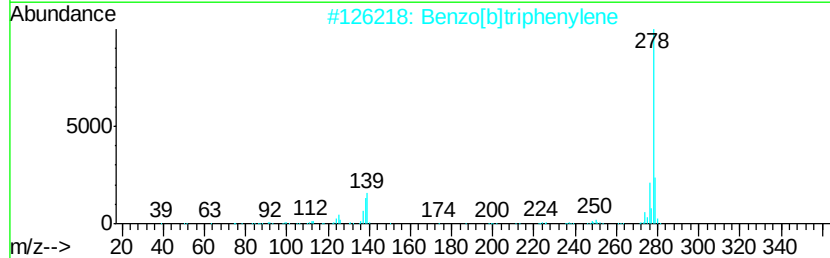
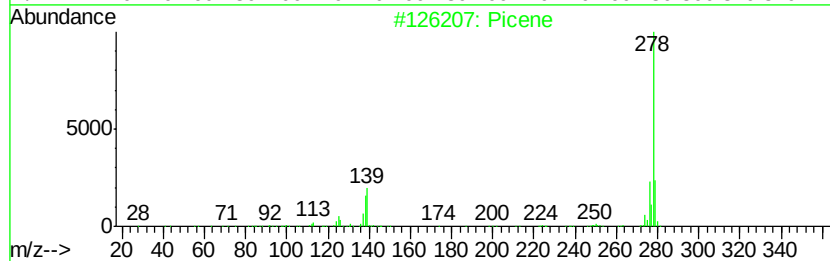
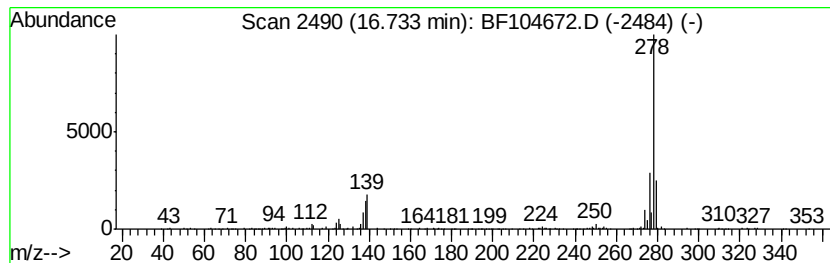
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Picene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	16.45 ng	443357	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	98
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	97
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5		Benzo[b]chrysene	278	C22H14	000214-17-5	90



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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 1-me...	8.90	23.6	ng	1137080	2	8.09	965628	20.0
Naphthalene, 1-et...	9.36	12.0	ng	465953	3	9.84	774849	20.0
Naphthalene, 2,6-...	9.43	19.7	ng	763524	3	9.84	774849	20.0
Naphthalene, 1,7-...	9.50	25.4	ng	985080	3	9.84	774849	20.0
Naphthalene, 2,3-...	9.62	16.0	ng	619340	3	9.84	774849	20.0
2,4(1H,3H)-Pyrimi...	10.00	13.3	ng	514444	3	9.84	774849	20.0
1-Isopropenyl naph...	10.46	12.2	ng	472240	3	9.84	774849	20.0
Diphenylmethane	10.48	12.0	ng	465527	3	9.84	774849	20.0
[1,1'-Biphenyl]-4...	10.55	23.1	ng	896365	3	9.84	774849	20.0
Pyrene, 1-methyl-	13.22	5.7	ng	2314370	5	14.00	8112800	20.0
9H-Fluorene, 9-(p...	14.87	26.2	ng	705023	6	15.47	538965	20.0
Perylene	15.35	123.7	ng	3333260	6	15.47	538965	20.0
8H-Indeno[2,1-b]p...	15.67	17.8	ng	478742	6	15.47	538965	20.0
Picene	16.73	16.4	ng	443357	6	15.47	538965	20.0