

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101340.D
 Acq On : 12 Dec 2017 19:59
 Operator : SJ/JU
 Sample : I6822-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-2)

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-BF113017.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	5.034	497	501	509	rBV	29473	36302	3.81%	0.225%
2	5.440	567	570	586	rBV	505362	503991	52.92%	3.129%
3	6.093	678	681	684	rBV	37098	32496	3.41%	0.202%
4	6.457	739	743	751	rBV	568159	530295	55.69%	3.292%
5	6.592	762	766	770	rBV	684762	548280	57.57%	3.404%
6	6.822	802	805	811	rBV	322264	259040	27.20%	1.608%
7	6.892	813	817	821	rBV	507918	395308	41.51%	2.454%
8	6.975	828	831	841	rVB	484540	427799	44.92%	2.656%
9	7.387	897	901	913	rBV	362062	322204	33.83%	2.000%
10	8.057	1011	1015	1017	rBV	23756	21856	2.30%	0.136%
11	8.104	1020	1023	1026	rBV	394410	320470	33.65%	1.990%
12	9.175	1202	1205	1209	rBV	657311	585156	61.45%	3.633%
13	9.516	1260	1263	1266	rBV	16393	17456	1.83%	0.108%
14	9.575	1270	1273	1280	rVB	57947	51318	5.39%	0.319%
15	9.722	1295	1298	1301	rBV	29845	22901	2.40%	0.142%
16	9.863	1318	1322	1325	rBV	366263	317486	33.34%	1.971%
17	9.892	1325	1327	1331	rVB	47925	36993	3.88%	0.230%
18	10.069	1353	1357	1360	rBV2	21702	20290	2.13%	0.126%
19	10.410	1412	1415	1420	rVB2	31000	30022	3.15%	0.186%
20	10.657	1453	1457	1462	rBV	333024	314203	32.99%	1.951%
21	10.751	1470	1473	1478	rBV2	14913	20950	2.20%	0.130%
22	11.086	1525	1530	1532	rBV3	14371	18045	1.89%	0.112%
23	11.110	1532	1534	1540	rVV2	17595	21613	2.27%	0.134%
24	11.163	1540	1543	1547	rVV	21187	20256	2.13%	0.126%
25	11.204	1547	1550	1553	rVV2	24676	29588	3.11%	0.184%
26	11.251	1556	1558	1561	rVB	25281	19946	2.09%	0.124%
27	11.357	1572	1576	1578	rBV	320842	341138	35.82%	2.118%
28	11.380	1578	1580	1583	rVV	581081	431520	45.31%	2.679%
29	11.427	1583	1588	1591	rVV	101290	88294	9.27%	0.548%
30	11.586	1611	1615	1620	rBV3	21503	36462	3.83%	0.226%
31	11.857	1658	1661	1663	rBV	78853	71449	7.50%	0.444%
32	11.886	1663	1666	1669	rVV	103591	94161	9.89%	0.585%
33	11.933	1670	1674	1677	rBV	46803	39338	4.13%	0.244%
34	11.969	1677	1680	1682	rBV	104850	108936	11.44%	0.676%

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35	11.992	1682	1684	1689	rVB	53229	45964	4.83%	0.285%
36	12.151	1708	1711	1714	rVB	67560	55329	5.81%	0.343%
37	12.186	1714	1717	1721	rBV	20206	21533	2.26%	0.134%
38	12.292	1731	1735	1739	rBV2	176112	161496	16.96%	1.003%
39	12.404	1750	1754	1757	rBV	51977	61664	6.48%	0.383%
40	12.445	1759	1761	1763	rVV2	28855	31534	3.31%	0.196%
41	12.504	1766	1771	1774	rVB2	46829	51599	5.42%	0.320%
42	12.574	1779	1783	1786	rBV	918996	817232	85.82%	5.073%
43	12.604	1786	1788	1791	rVB2	31620	30892	3.24%	0.192%
44	12.639	1791	1794	1796	rBV2	20625	17563	1.84%	0.109%
45	12.721	1801	1808	1811	rBV2	35692	48057	5.05%	0.298%
46	12.810	1816	1823	1826	rBV	749980	902864	94.81%	5.605%
47	12.851	1827	1830	1834	rVB2	48664	52683	5.53%	0.327%
48	12.939	1837	1845	1848	rBV	577639	532982	55.97%	3.309%
49	12.969	1848	1850	1853	rVB	47734	40442	4.25%	0.251%
50	13.021	1854	1859	1863	rBV3	62159	103875	10.91%	0.645%
51	13.127	1870	1877	1880	rBV2	84294	157974	16.59%	0.981%
52	13.198	1883	1889	1891	rBV3	38856	37528	3.94%	0.233%
53	13.233	1891	1895	1899	rVV3	82303	127206	13.36%	0.790%
54	13.292	1902	1905	1908	rVB	22648	21957	2.31%	0.136%
55	13.327	1908	1911	1914	rBV	62588	60109	6.31%	0.373%
56	13.357	1914	1916	1920	rBV3	52095	51496	5.41%	0.320%
57	13.510	1938	1942	1943	rBV4	14964	19018	2.00%	0.118%
58	13.557	1948	1950	1952	rVB2	24150	19235	2.02%	0.119%
59	13.645	1962	1965	1969	rBV	84814	75996	7.98%	0.472%
60	13.757	1978	1984	1986	rBV	83435	102834	10.80%	0.638%
61	13.780	1986	1988	1990	rVB	79324	60448	6.35%	0.375%
62	13.810	1990	1993	1994	rBV	63216	62578	6.57%	0.388%
63	13.827	1994	1996	1999	rVB3	82063	77315	8.12%	0.480%
64	13.857	1999	2001	2005	rVB	86021	70520	7.41%	0.438%
65	13.927	2007	2013	2018	rBV3	28876	55214	5.80%	0.343%
66	14.004	2018	2026	2029	rBV2	604086	952311	100.00%	5.912%
67	14.033	2029	2031	2034	rVB	450873	387215	40.66%	2.404%
68	14.116	2042	2045	2047	rBV	83371	73179	7.68%	0.454%
69	14.239	2062	2066	2068	rVB2	56567	58939	6.19%	0.366%
70	14.327	2078	2081	2083	rBV2	19310	17760	1.86%	0.110%
71	14.357	2083	2086	2088	rBV2	45355	48932	5.14%	0.304%

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72	14.392	2088	2092	2095	rVV	124069	137958	14.49%	0.856%
73	14.427	2095	2098	2100	rVV	64313	68612	7.20%	0.426%
74	14.468	2102	2105	2107	rVV4	80024	100060	10.51%	0.621%
75	14.492	2107	2109	2111	rVV	45943	49032	5.15%	0.304%
76	14.521	2111	2114	2115	rVV	64307	65865	6.92%	0.409%
77	14.539	2115	2117	2120	rVV	61506	64951	6.82%	0.403%
78	14.586	2120	2125	2128	rVV3	44088	71065	7.46%	0.441%
79	14.715	2144	2147	2150	rBV3	47254	56775	5.96%	0.352%
80	14.892	2174	2177	2180	rBV2	63800	74072	7.78%	0.460%
81	15.063	2200	2206	2208	rBV	463684	733298	77.00%	4.552%
82	15.127	2214	2217	2220	rVB	31819	37388	3.93%	0.232%
83	15.163	2220	2223	2227	rVB	115885	120306	12.63%	0.747%
84	15.251	2235	2238	2239	rBV2	38246	41830	4.39%	0.260%
85	15.298	2244	2246	2250	rVV2	33906	57974	6.09%	0.360%
86	15.362	2252	2257	2263	rVV	316792	416157	43.70%	2.584%
87	15.427	2263	2268	2273	rVV	443307	561052	58.91%	3.483%
88	15.486	2274	2278	2281	rVV	201036	258547	27.15%	1.605%
89	15.521	2281	2284	2290	rVB2	144879	197545	20.74%	1.226%
90	15.662	2304	2308	2310	rBV2	17614	25488	2.68%	0.158%
91	15.962	2357	2359	2363	rVB3	17245	20387	2.14%	0.127%
92	16.057	2371	2375	2378	rVB4	21607	33034	3.47%	0.205%
93	16.392	2426	2432	2437	rBV7	15914	34872	3.66%	0.216%
94	16.768	2491	2496	2499	rBV3	28944	48944	5.14%	0.304%
95	16.980	2524	2532	2538	rVB	230721	471120	49.47%	2.925%
96	17.045	2538	2543	2549	rVB2	18420	35566	3.73%	0.221%
97	17.145	2554	2560	2565	rBV3	46564	90499	9.50%	0.562%
98	17.204	2565	2570	2576	rBV3	34238	66620	7.00%	0.414%
99	17.433	2601	2609	2619	rVB2	162544	354675	37.24%	2.202%
100	17.674	2644	2650	2665	rVB	62595	165197	17.35%	1.026%

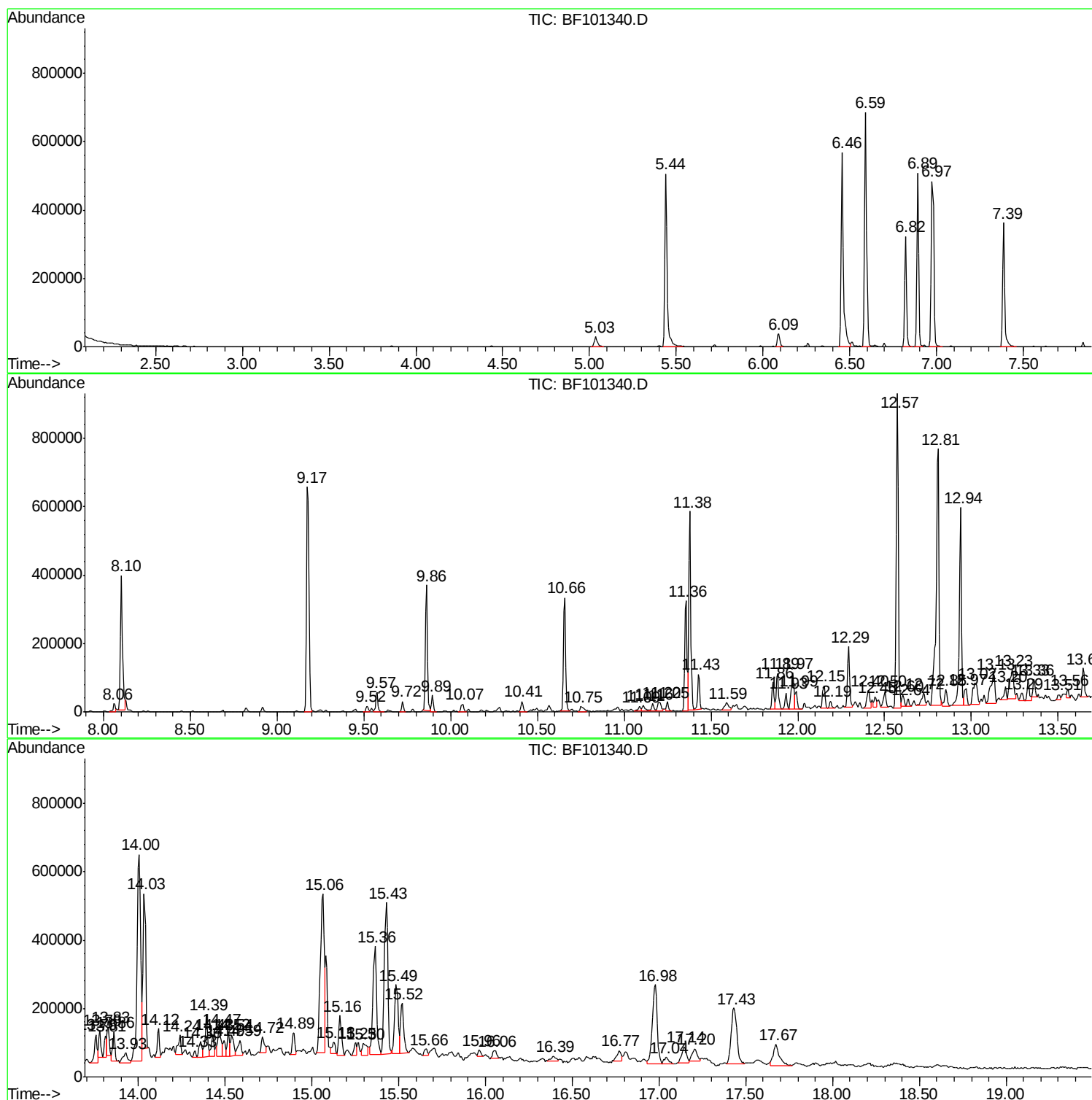
Sum of corrected areas: 16107924

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Instrument :
BNA_F
ClientSampled :
SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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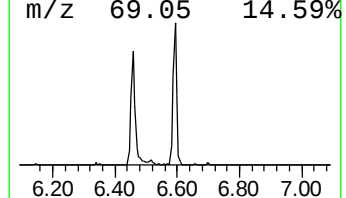
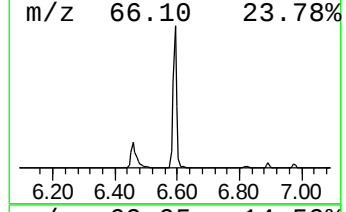
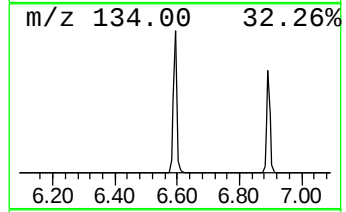
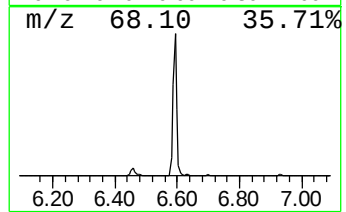
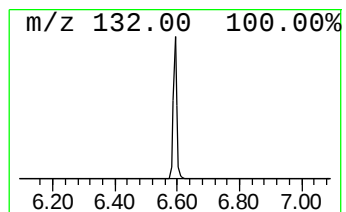
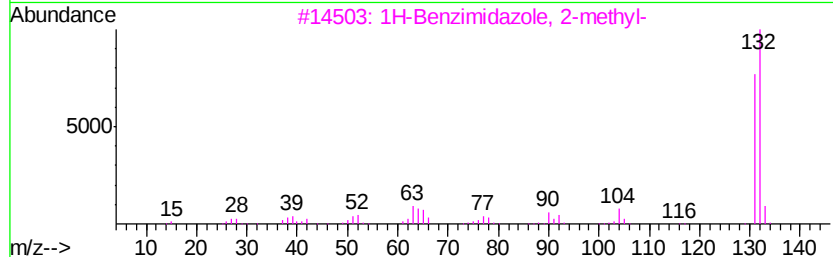
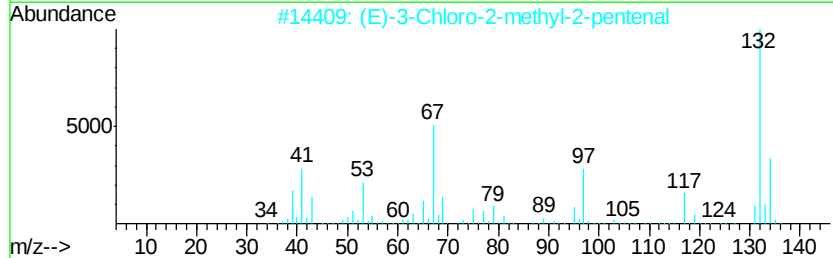
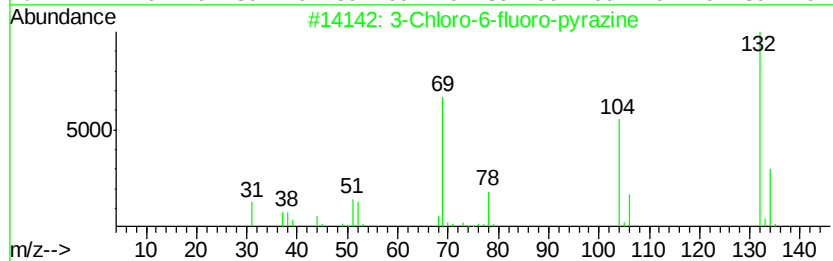
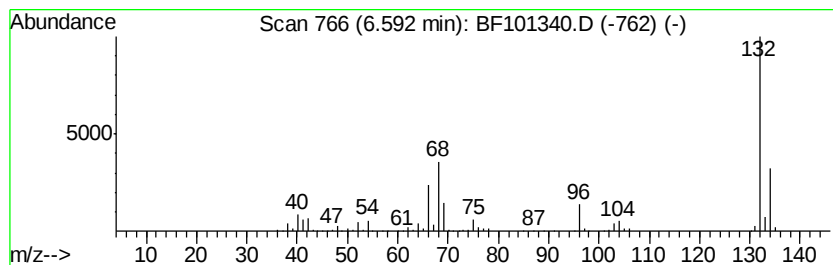
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	42.33 ng	548280	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9



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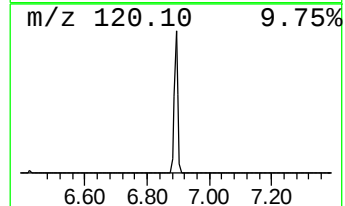
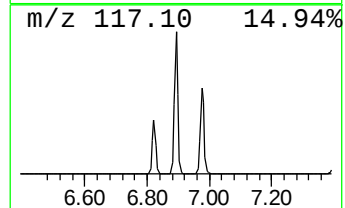
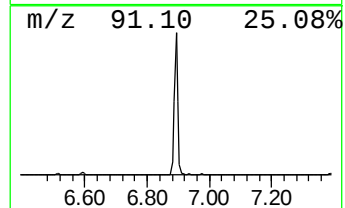
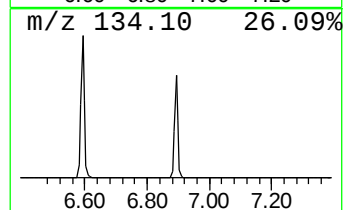
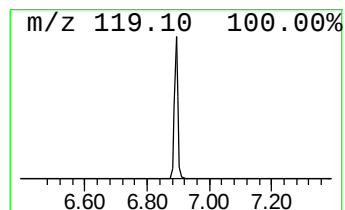
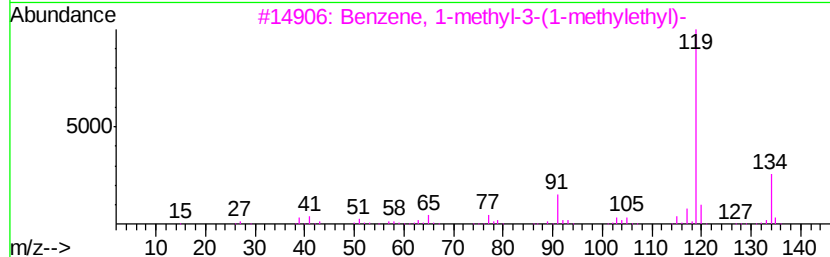
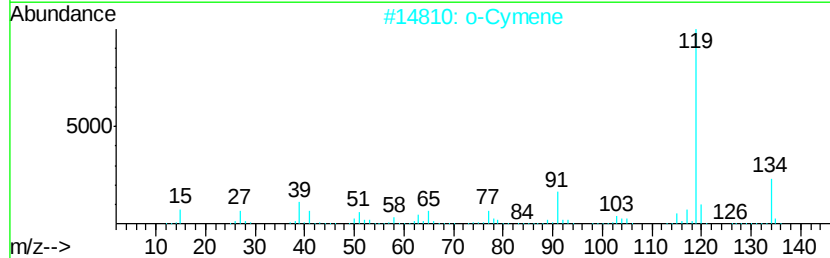
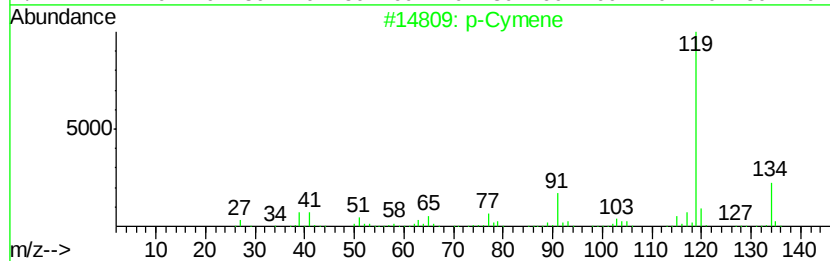
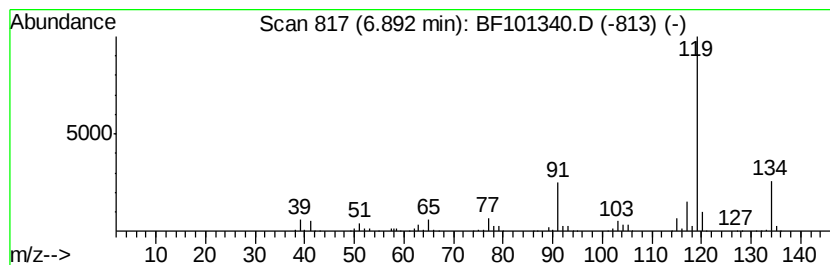
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 p-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	30.52 ng	395308	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	94
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



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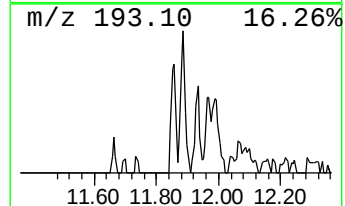
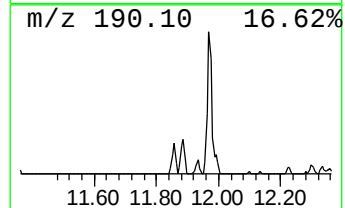
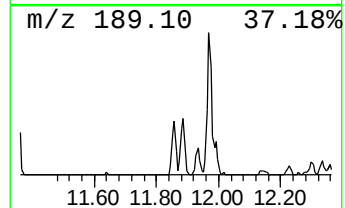
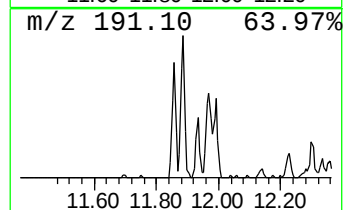
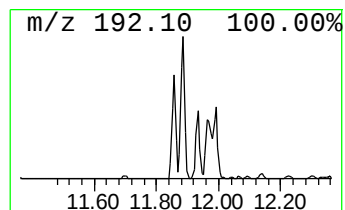
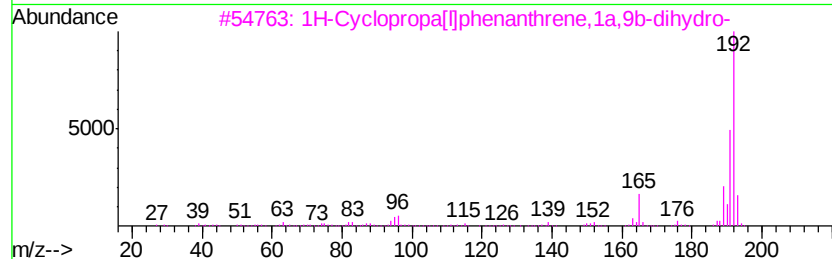
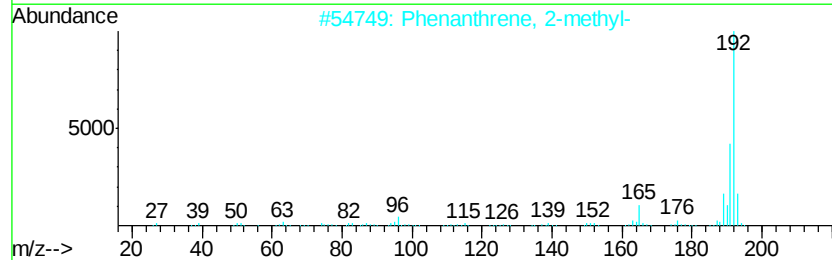
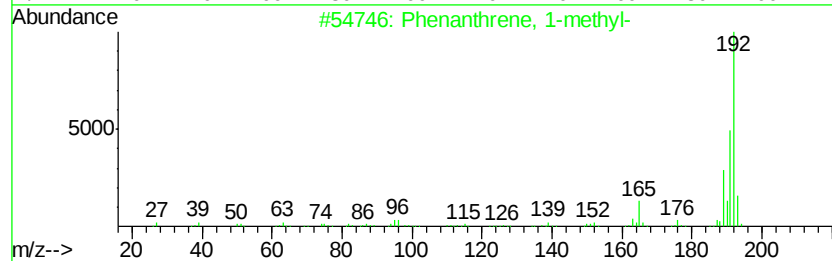
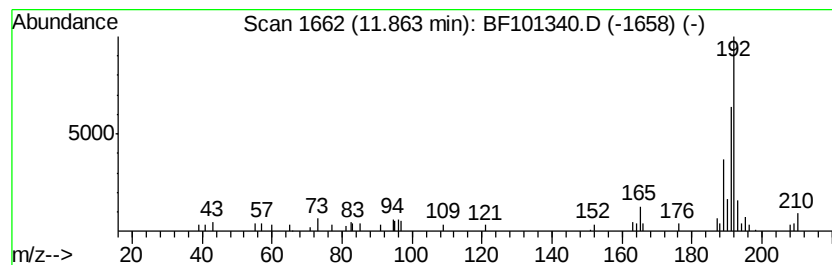
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	4.19 ng	71449	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
Sample : I6822-07 2X
Misc :
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ClientSampleId :
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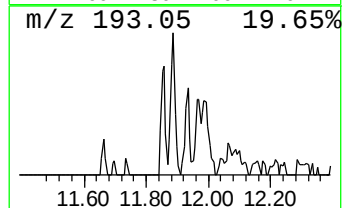
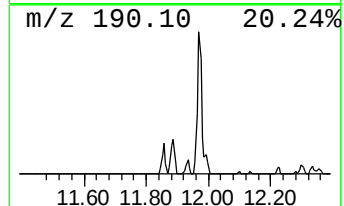
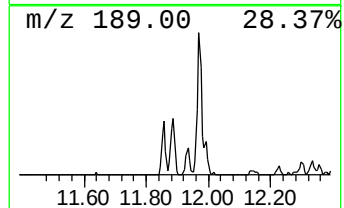
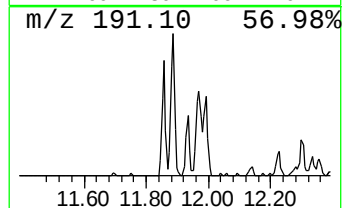
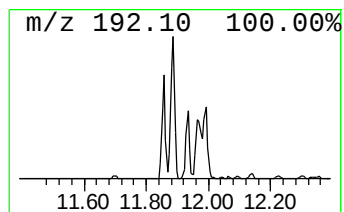
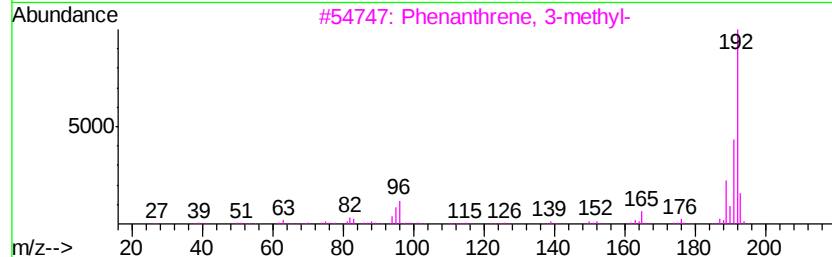
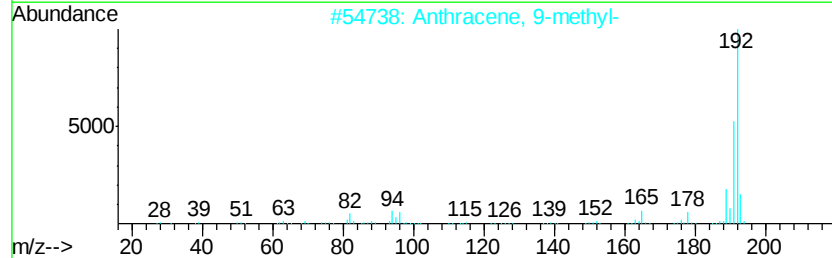
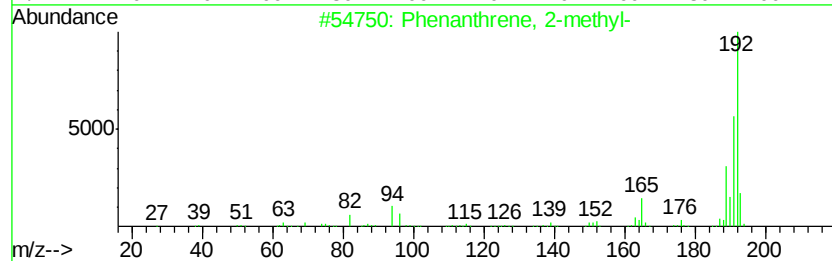
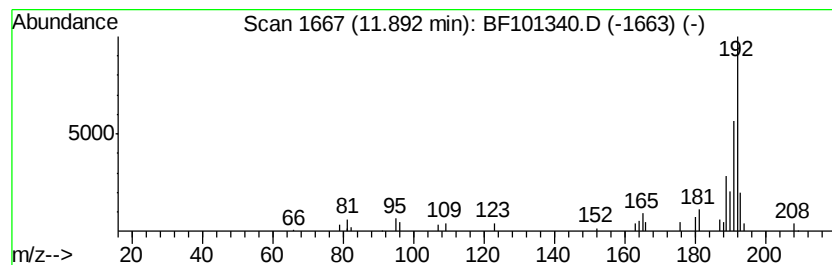
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	5.52 ng	94161	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
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ClientSampleId :
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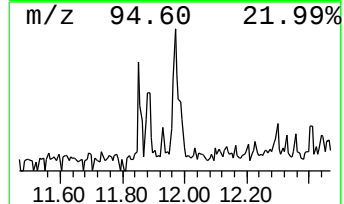
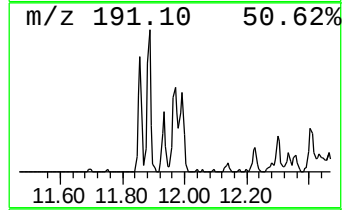
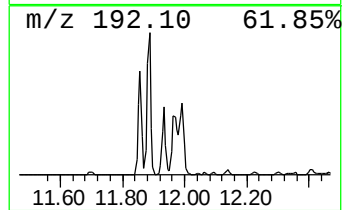
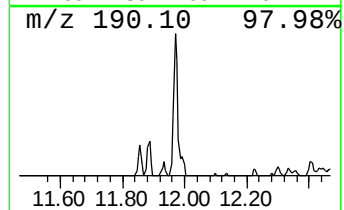
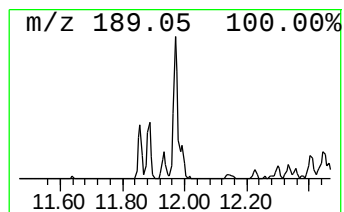
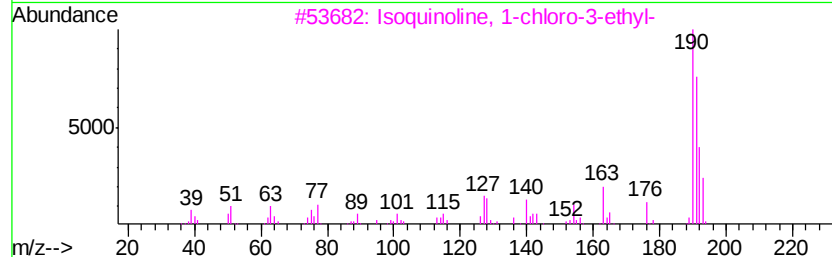
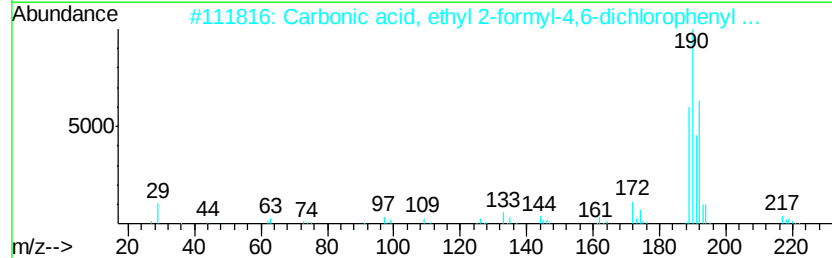
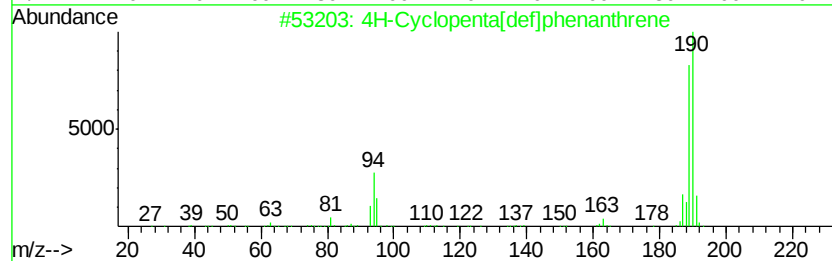
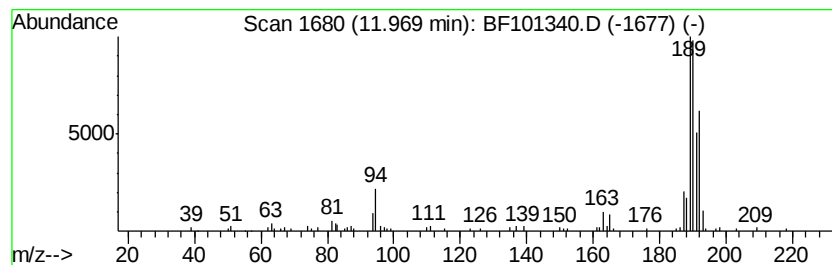
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.39 ng	108936	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3		Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	35
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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Sample : I6822-07 2X
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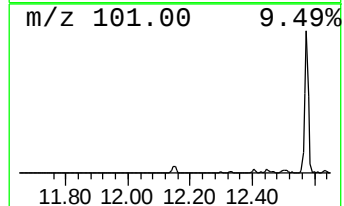
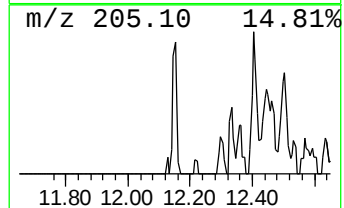
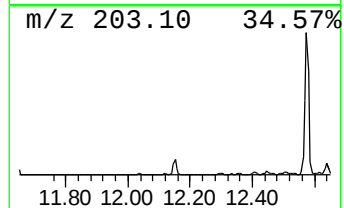
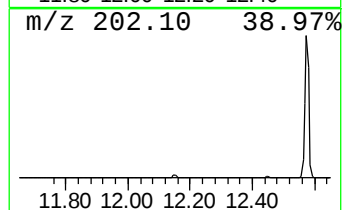
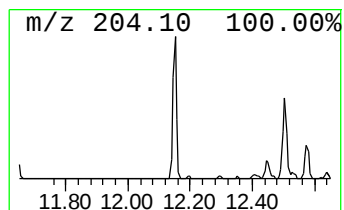
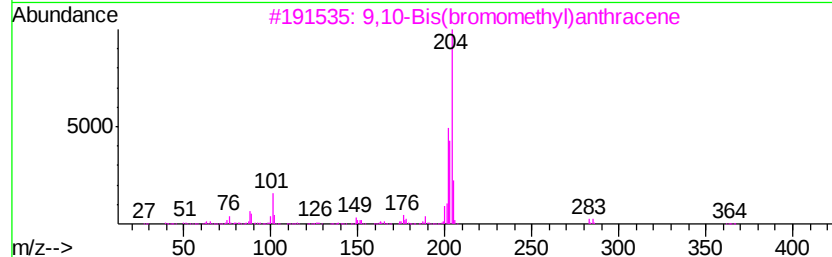
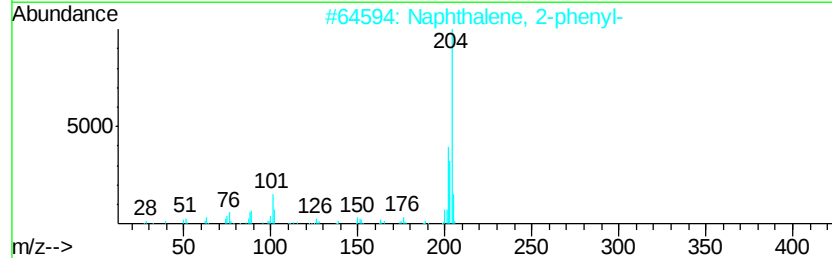
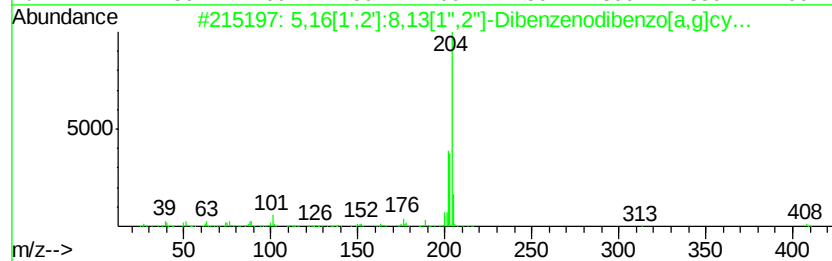
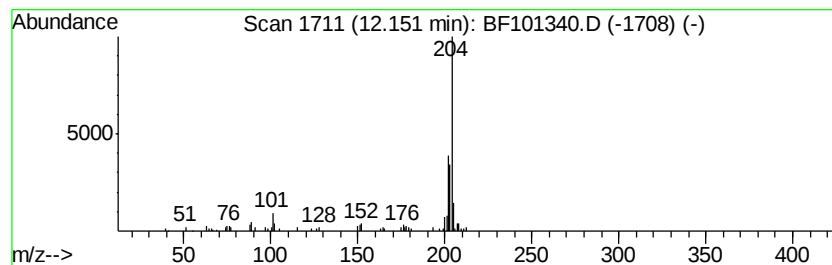
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.24 ng	55329	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101340.D
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Operator : SJ/JU
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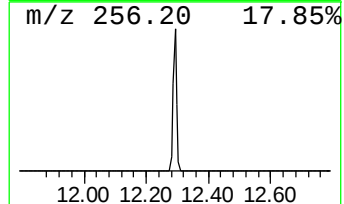
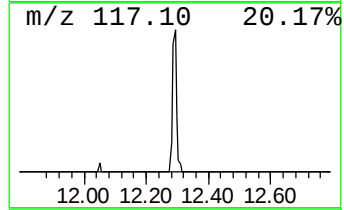
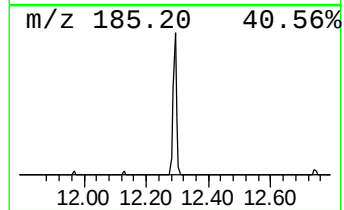
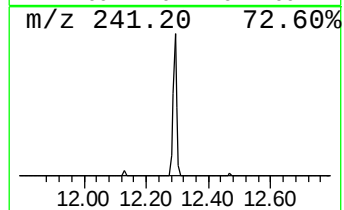
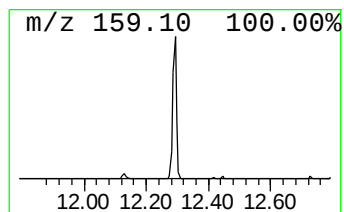
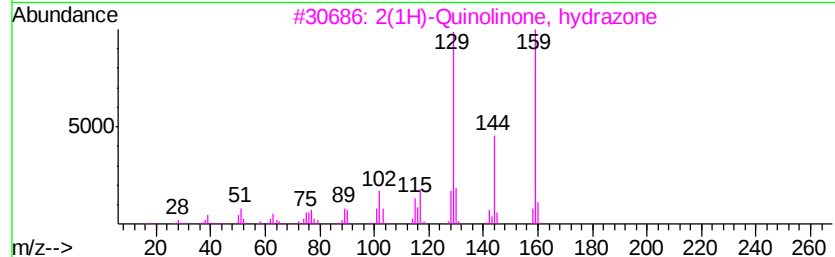
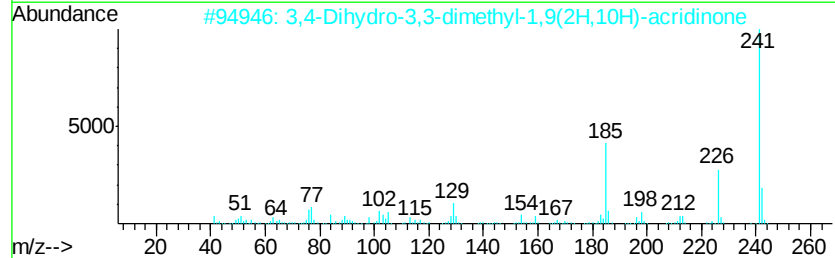
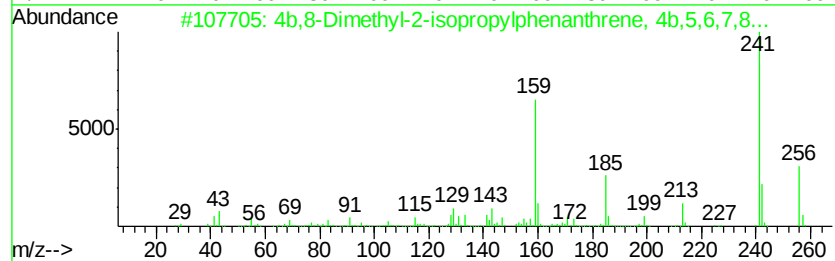
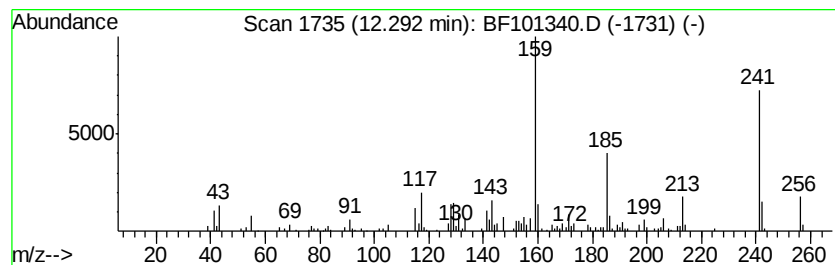
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	9.47 ng	161496	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	38
3		2(1H)-Quinolinone, hvdrazone	159	C9H9N3	015793-77-8	35
4		5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	27
5		N-Propionylserotonin	232	C13H16N2O2	106827-56-9	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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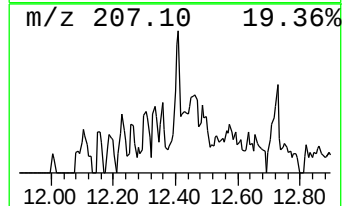
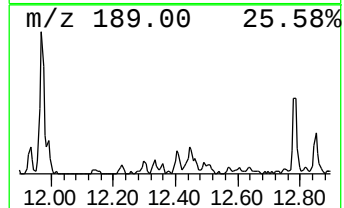
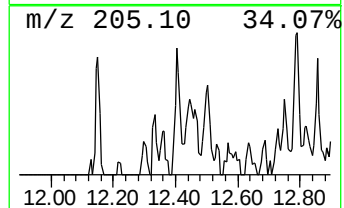
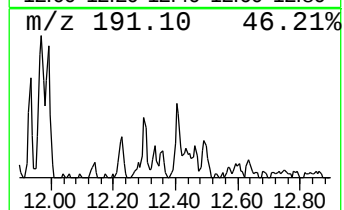
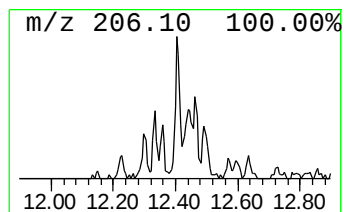
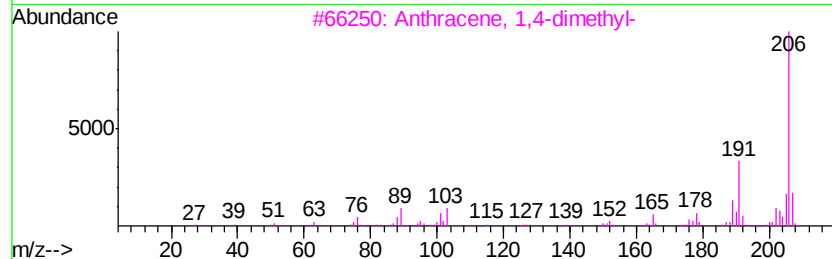
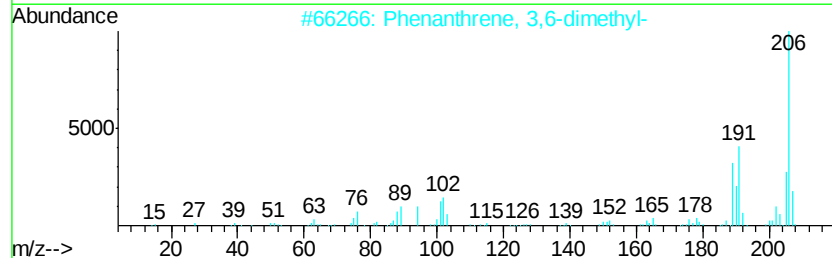
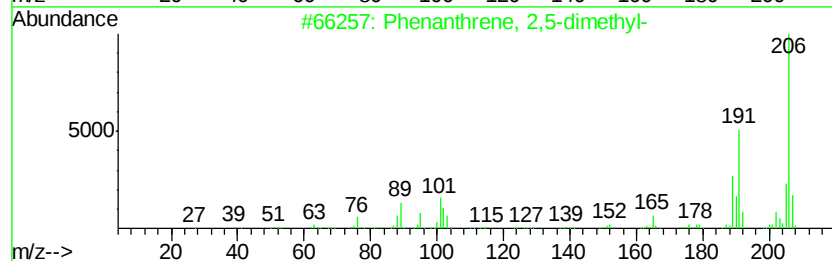
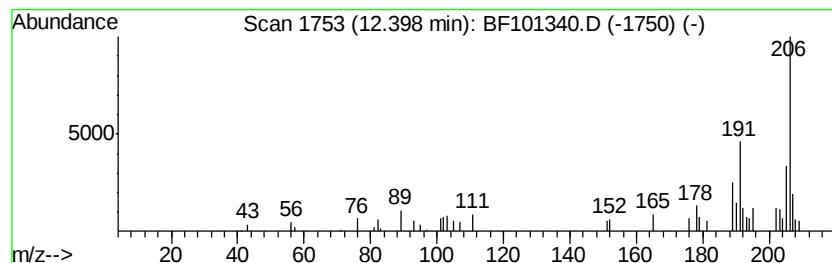
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.40	3.62 ng	61664	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101340.D
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ClientSampleId :
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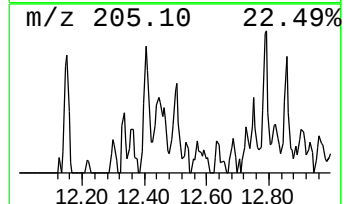
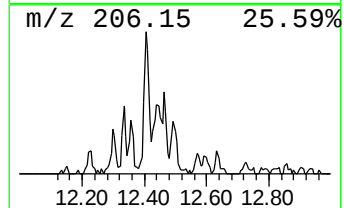
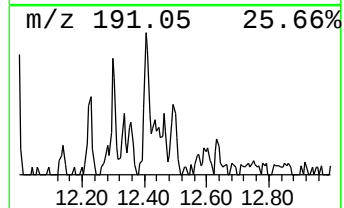
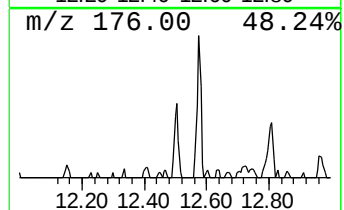
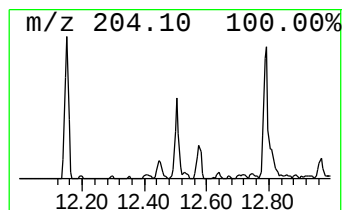
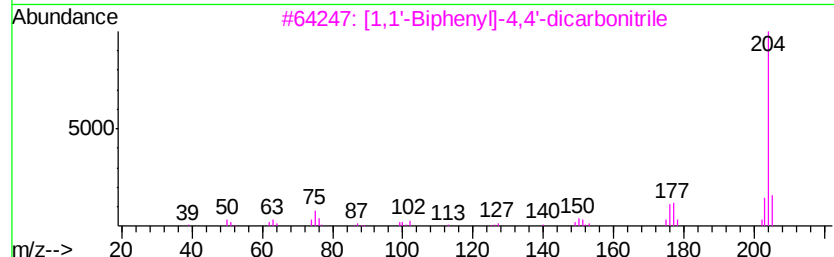
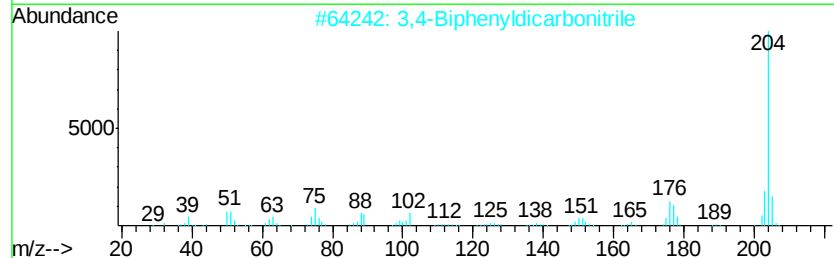
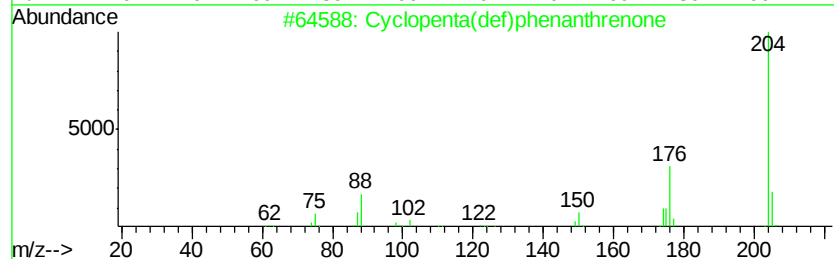
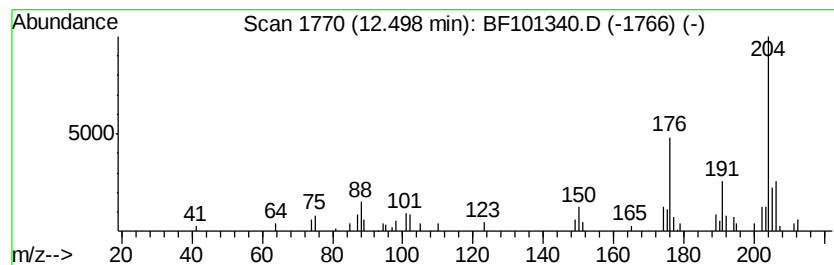
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.03 ng	51599	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	78
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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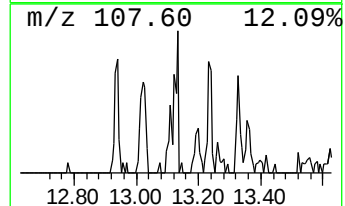
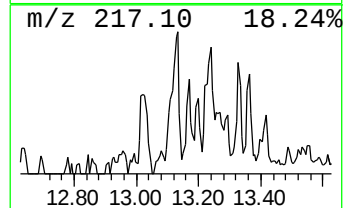
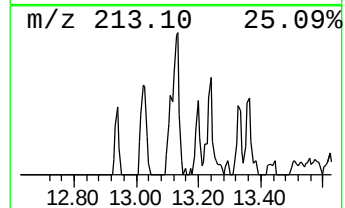
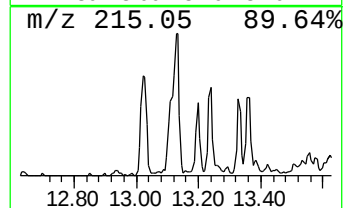
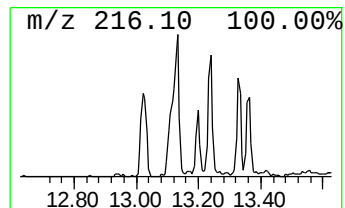
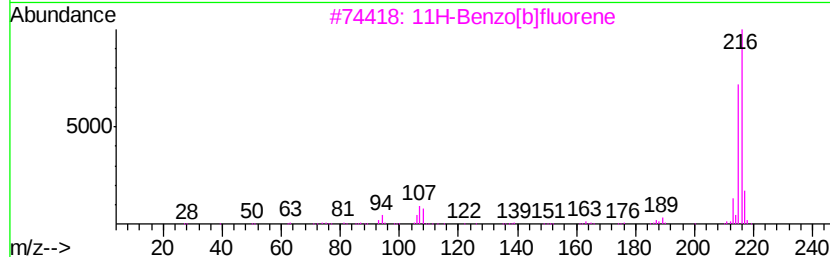
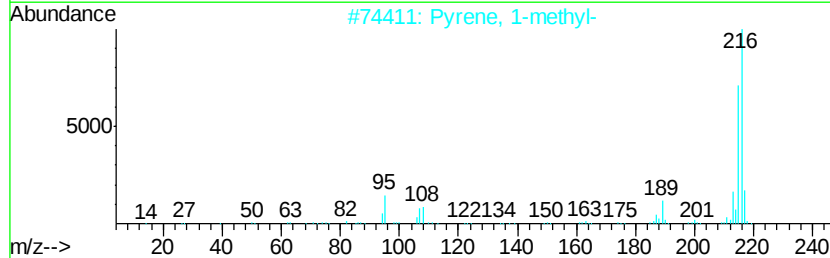
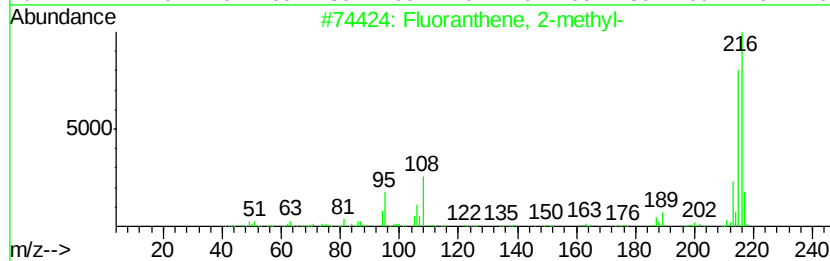
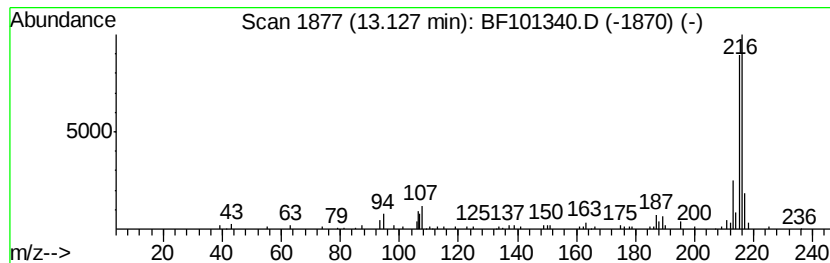
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.32 ng	157974	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
Sample : I6822-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2(0-2)

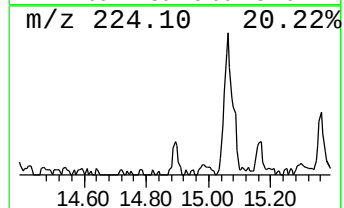
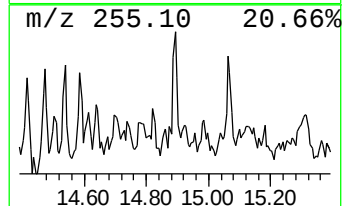
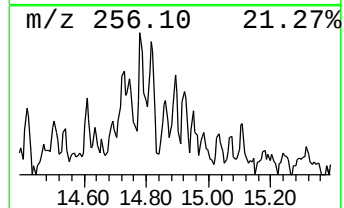
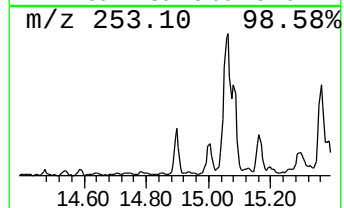
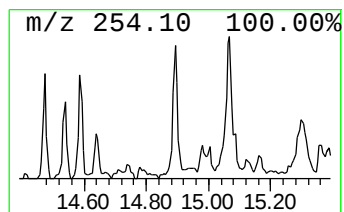
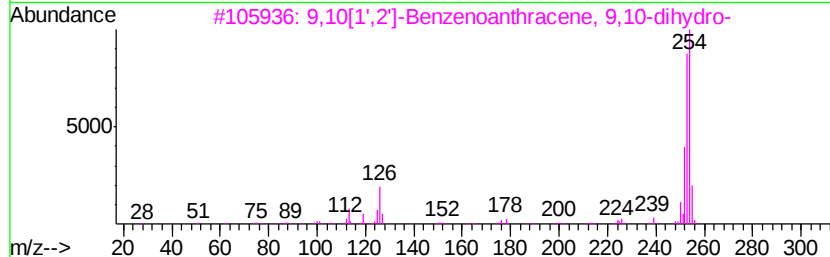
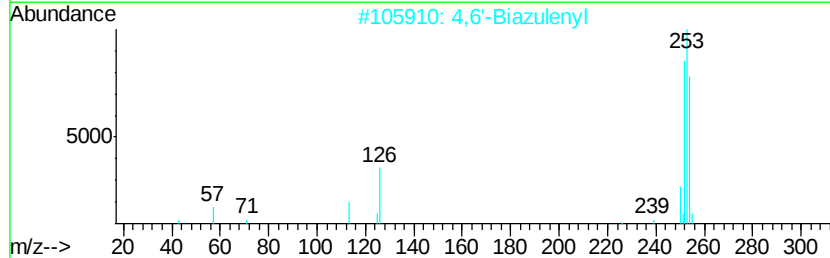
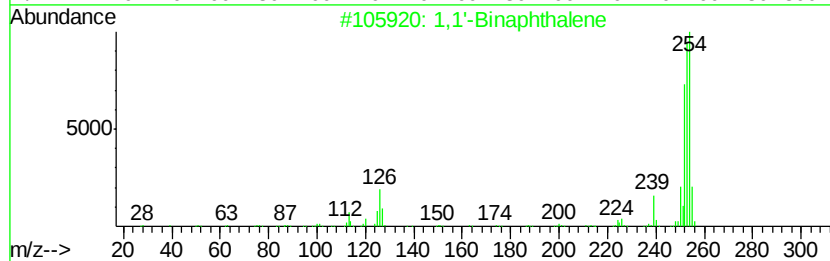
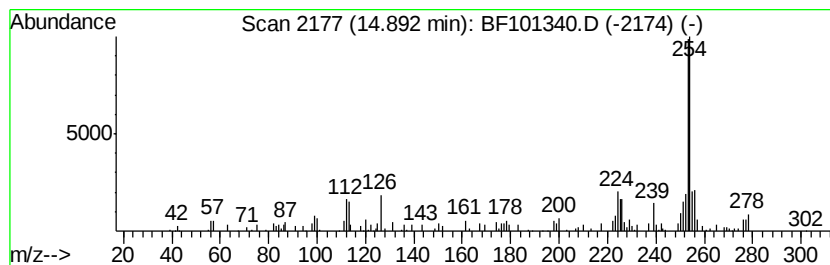
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Binaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.73 ng	74072	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2		4,6'-Biazulenvyl	254	C20H14	094154-49-1	62
3		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
4		4,4'-Biazulenvyl	254	C20H14	094053-54-0	62
5		Imidazole, 2-iodo-5-methyl-4-nitro-	253	C4H4IN3O2	149510-86-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
Sample : I6822-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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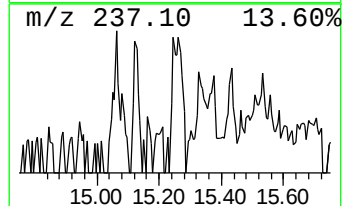
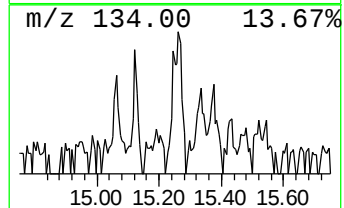
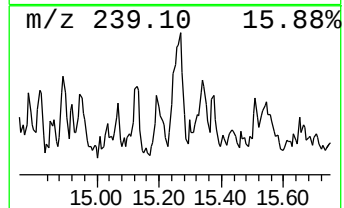
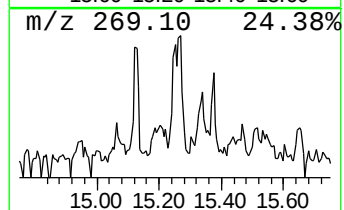
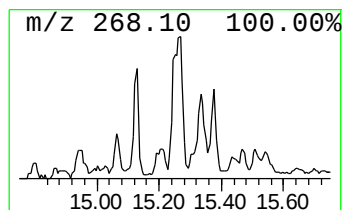
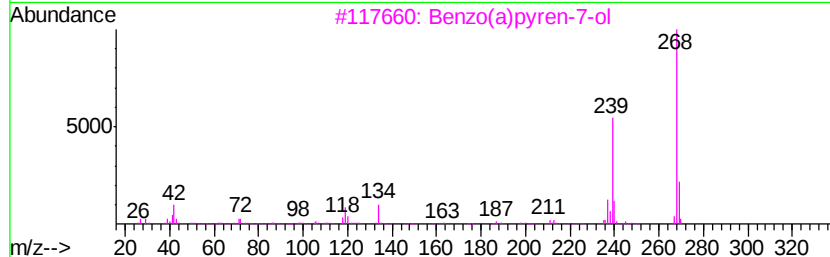
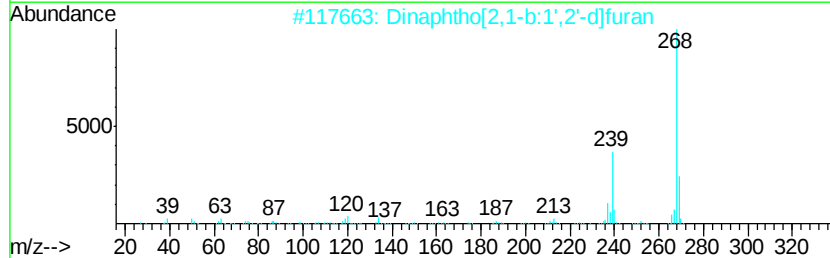
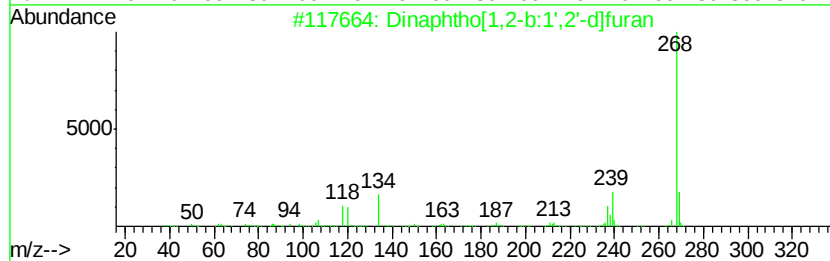
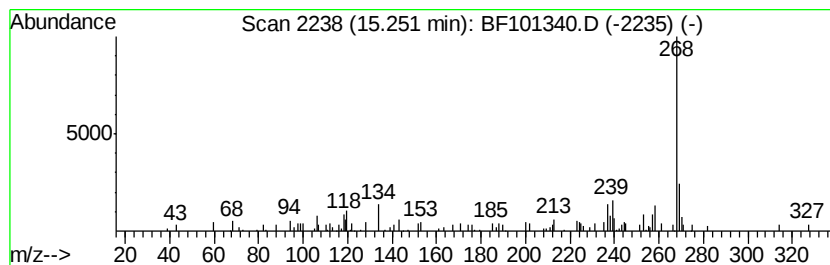
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.24 ng	41830	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
3		Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62
4		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
5		4H-1-Benzopyran-4-one, 3-hydroxy...	268	C16H12O4	007478-60-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
Sample : I6822-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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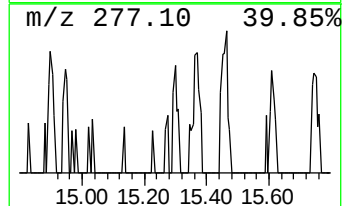
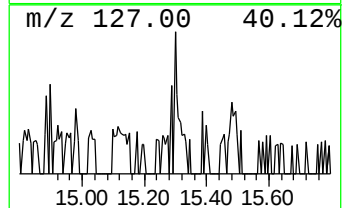
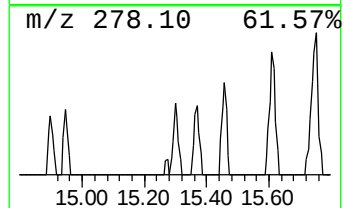
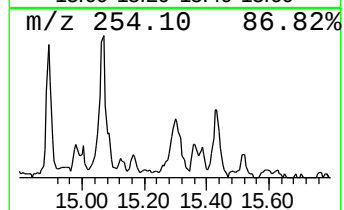
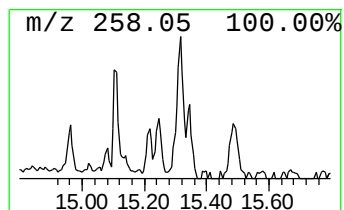
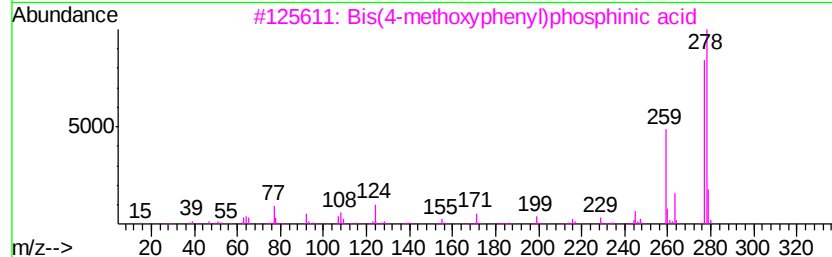
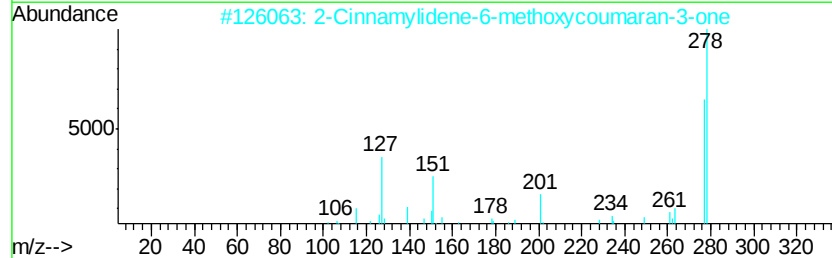
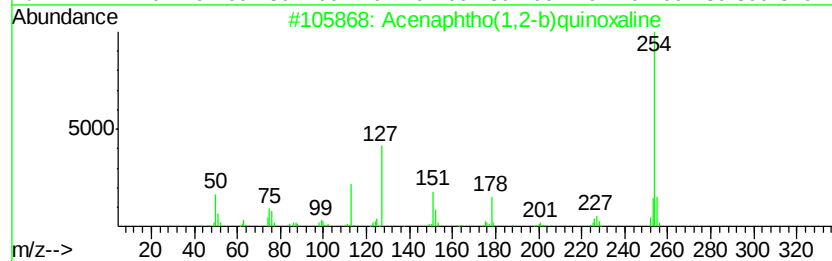
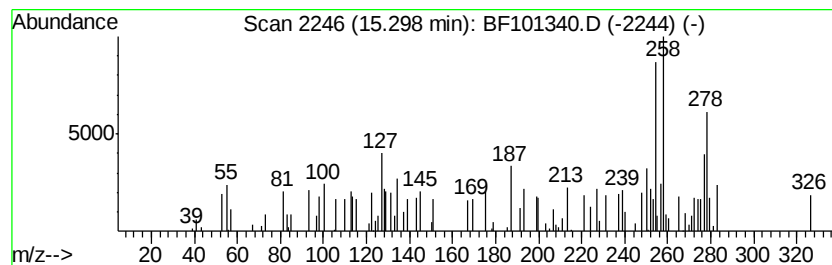
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.30 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	4.48 ng	57974	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphtho(1,2-b)quinoxaline	254	C18H10N2	000207-11-4	18
2		2-Cinnamylidene-6-methoxycoumarin...	278	C18H14O3	077765-15-2	14
3		Bis(4-methoxyphenyl)phosphinic acid	278	C14H15O4P	020434-05-3	10
4		Benzene, 1,1'-(1,2-cyclopropaned...	254	C17H18O2	1000327-36-3	10
5		3,4,6-Trimethylthiopyrazolo[3,4-...	258	C8H10N4S3	130224-57-6	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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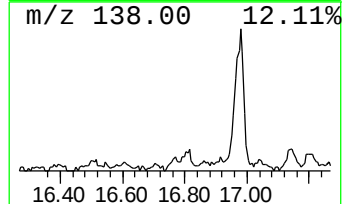
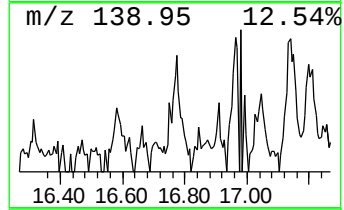
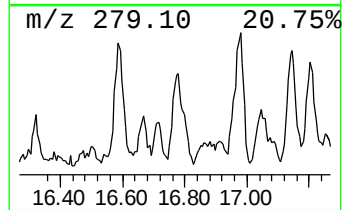
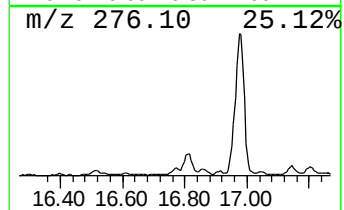
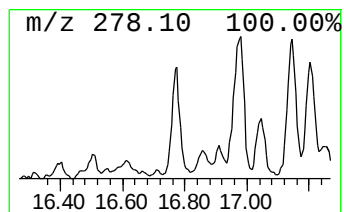
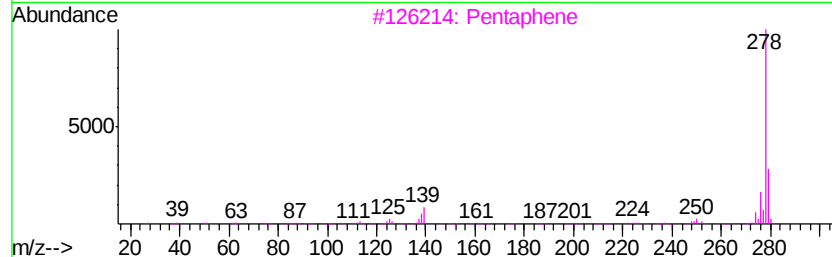
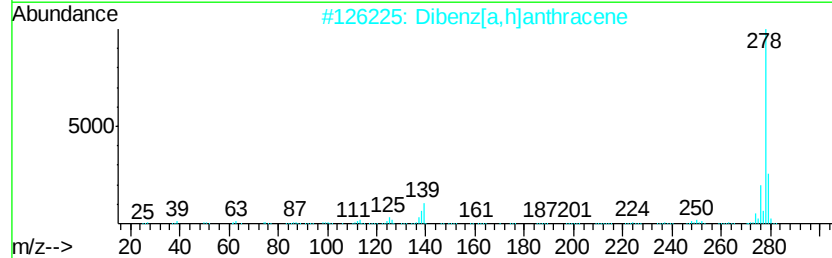
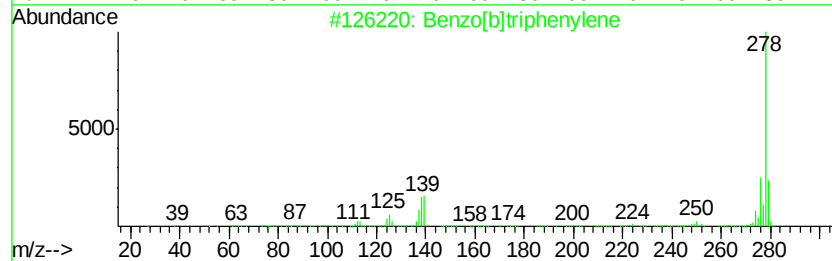
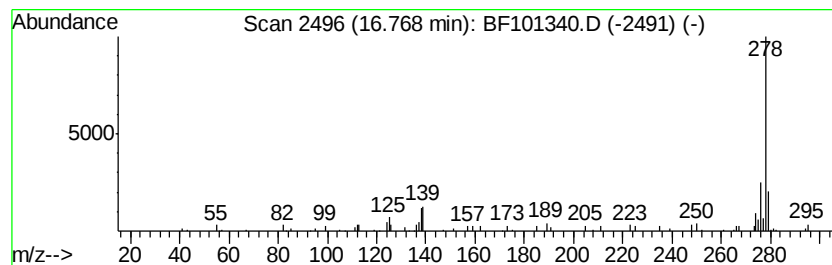
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.79 ng	48944	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	89
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	76
3			Pentaphene	278	C22H14	000222-93-5	76
4			Benzo[a]naphthacene	278	C22H14	000226-88-0	74
5			Benzo[b]chrysene	278	C22H14	000214-17-5	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101340.D
Acq On : 12 Dec 2017 19:59
Operator : SJ/JU
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(0-2)

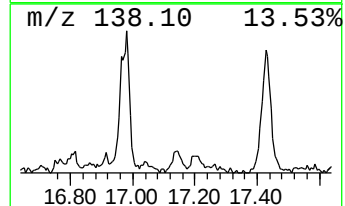
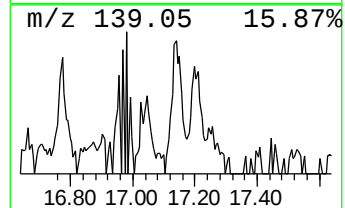
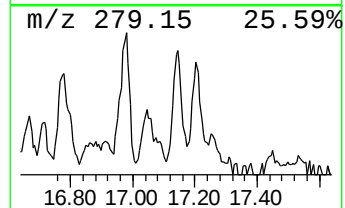
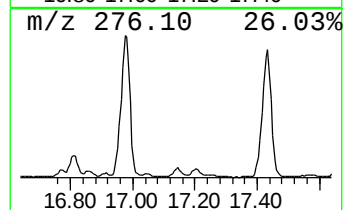
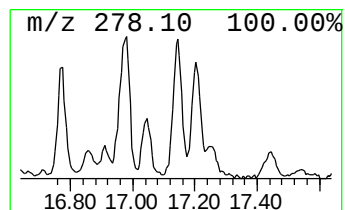
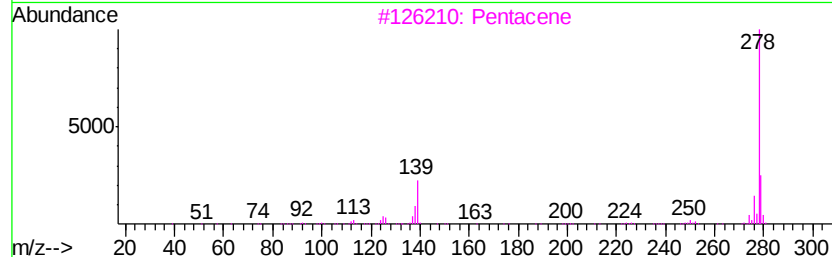
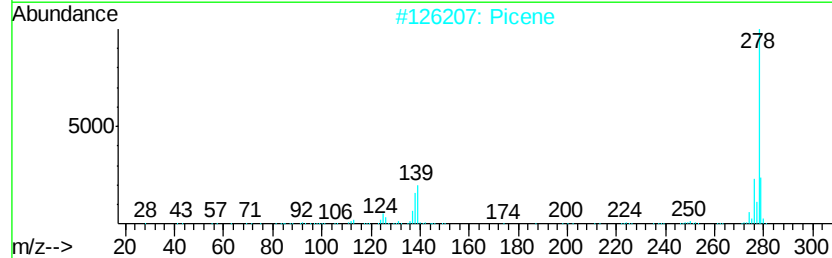
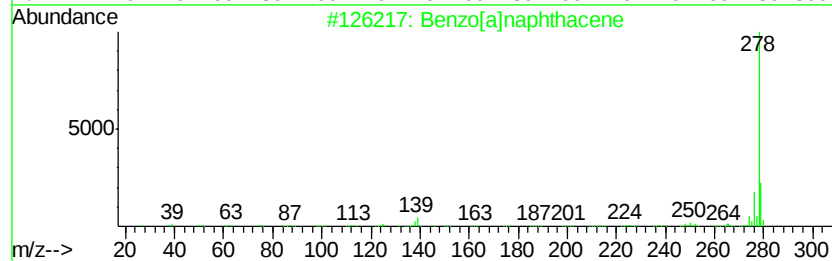
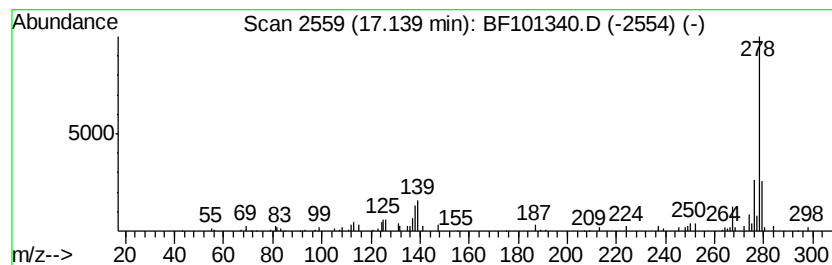
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[a]naphthacene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	7.00 ng	90499	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[a]naphthacene	278	C22H14	000226-88-0	94
2		Picene	278	C22H14	000213-46-7	93
3		Pentacene	278	C22H14	000135-48-8	89
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	89
5		Pentaphene	278	C22H14	000222-93-5	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Operator : SJ/JU
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2(0-2)

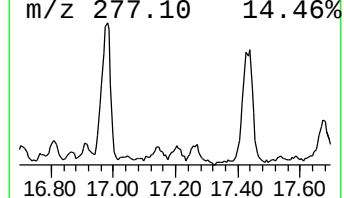
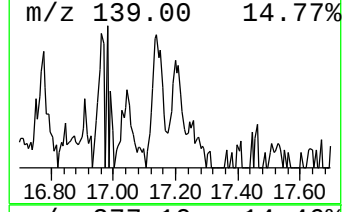
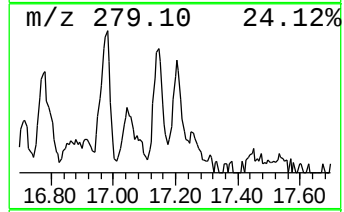
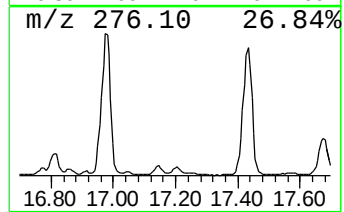
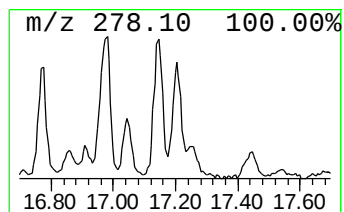
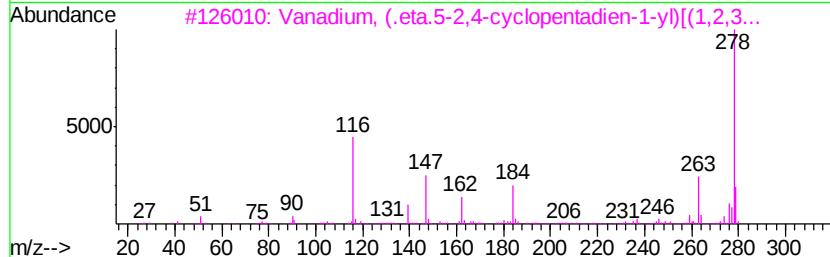
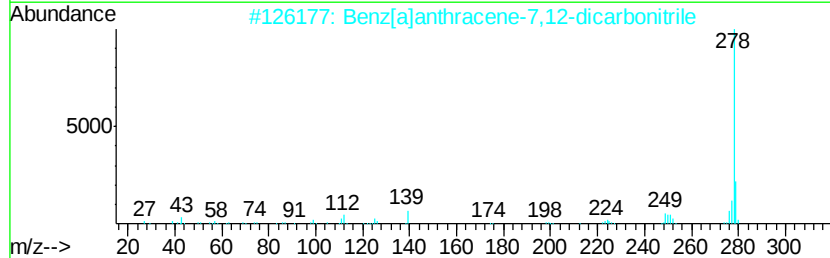
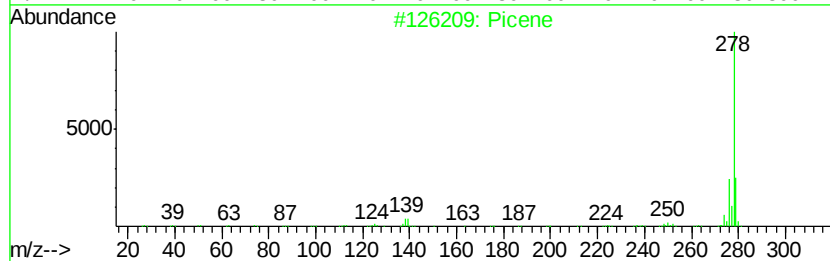
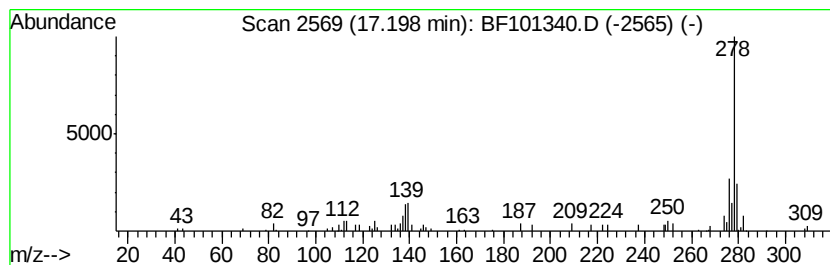
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	5.15 ng	66620	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Picene	278	C22H14	000213-46-7	94
2			Benz[<i>a</i>]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	76
3			Vanadium, (.eta.5-2,4-cvclopenta...	278	C17H23V	126948-97-8	64
4			Pentaphene	278	C22H14	000222-93-5	62
5			Benzo[<i>a</i>]naphthacene	278	C22H14	000226-88-0	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
 Data File : BF101340.D
 Acq On : 12 Dec 2017 19:59
 Operator : SJ/JU
 Sample : I6822-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.59	6.59	42.3	ng	548280	1	6.82	259040	20.0
p-Cymene	6.89	30.5	ng	395308	1	6.82	259040	20.0
Phenanthrene, 1-m...	11.86	4.2	ng	71449	4	11.36	341138	20.0
Phenanthrene, 2-m...	11.89	5.5	ng	94161	4	11.36	341138	20.0
4H-Cyclopenta[def...	11.97	6.4	ng	108936	4	11.36	341138	20.0
5,16[1',2']:8,13[...	12.15	3.2	ng	55329	4	11.36	341138	20.0
4b,8-Dimethyl-2-i...	12.29	9.5	ng	161496	4	11.36	341138	20.0
Phenanthrene, 2,5...	12.40	3.6	ng	61664	4	11.36	341138	20.0
Cyclopenta(def)ph...	12.50	3.0	ng	51599	4	11.36	341138	20.0
Fluoranthene, 2-m...	13.13	3.3	ng	157974	5	14.01	952311	20.0
1,1'-Binaphthalene	14.89	5.7	ng	74072	6	15.49	258547	20.0
Dinaphtho[1,2-b:1...	15.25	3.2	ng	41830	6	15.49	258547	20.0
unknown15.30	15.30	4.5	ng	57974	6	15.49	258547	20.0
Benzo[b]triphenylene	16.77	3.8	ng	48944	6	15.49	258547	20.0
Benzo[a]naphthacene	17.14	7.0	ng	90499	6	15.49	258547	20.0
Picene	17.20	5.2	ng	66620	6	15.49	258547	20.0