

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076887.D
 Acq On : 15 Jan 2015 16:49
 Operator : IZ / TP
 Sample : G1030-05 5X
 Misc : S
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-2(6-8)

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-BF011415.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	1.476	32	34	50	rVB	267992	544512	82.33%	5.889%
2	4.173	267	270	275	rBV	17539	38262	5.79%	0.414%
3	5.122	350	353	362	rBV	52088	111696	16.89%	1.208%
4	7.430	553	555	561	rBV	51734	109622	16.57%	1.186%
5	7.533	561	564	570	rVB	70269	135259	20.45%	1.463%
6	8.025	603	607	610	rBV	100468	169780	25.67%	1.836%
7	8.345	632	635	638	rBV	57929	97038	14.67%	1.049%
8	9.305	717	719	725	rVB	43302	74165	11.21%	0.802%
9	10.928	857	861	864	rBV	158760	243763	36.86%	2.636%
10	12.642	1004	1011	1014	rBV3	8126	14691	2.22%	0.159%
11	13.580	1090	1093	1097	rVB	88344	130965	19.80%	1.416%
12	14.014	1127	1131	1134	rBV	8904	16480	2.49%	0.178%
13	14.643	1184	1186	1189	rVB	13217	18341	2.77%	0.198%
14	14.723	1189	1193	1195	rBV	14247	25885	3.91%	0.280%
15	15.065	1220	1223	1226	rVV	167952	253254	38.29%	2.739%
16	15.134	1226	1229	1232	rVB	9080	14180	2.14%	0.153%
17	15.283	1239	1242	1247	rBV	9259	17676	2.67%	0.191%
18	16.277	1325	1329	1331	rVB2	13467	22462	3.40%	0.243%
19	16.357	1331	1336	1338	rBV	13494	20808	3.15%	0.225%
20	16.666	1361	1363	1365	rVB	23012	27471	4.15%	0.297%
21	16.723	1365	1368	1373	rBV3	64710	101209	15.30%	1.095%
22	17.180	1405	1408	1412	rBV2	13254	31156	4.71%	0.337%
23	17.534	1435	1439	1441	rVV3	10482	22500	3.40%	0.243%
24	17.649	1445	1449	1453	rVB	8761	19627	2.97%	0.212%
25	17.809	1461	1463	1465	rBV	198597	277277	41.92%	2.999%
26	17.843	1465	1466	1469	rVV	211018	282017	42.64%	3.050%
27	17.923	1469	1473	1476	rVB	72042	85662	12.95%	0.926%
28	18.209	1496	1498	1501	rBV	16591	19603	2.96%	0.212%
29	18.300	1501	1506	1508	rVB2	6910	16137	2.44%	0.175%
30	18.551	1526	1528	1530	rBV	31528	37269	5.64%	0.403%
31	18.586	1530	1531	1534	rVV	33922	41356	6.25%	0.447%
32	18.654	1535	1537	1538	rBV	18195	20270	3.06%	0.219%
33	18.689	1538	1540	1542	rVV2	47735	69056	10.44%	0.747%
34	18.723	1542	1543	1547	rVB	17839	24000	3.63%	0.260%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.791	1547	1549	1552	rBV	9843	16928	2.56%	0.183%
36	18.986	1563	1566	1570	rVB3	31438	55332	8.37%	0.598%
37	19.306	1590	1594	1596	rBV	16463	23637	3.57%	0.256%
38	19.386	1599	1601	1602	rVV2	16273	20575	3.11%	0.223%
39	19.489	1607	1610	1614	rBV	574899	657507	99.41%	7.111%
40	19.672	1624	1626	1629	rBV	17250	21851	3.30%	0.236%
41	19.774	1632	1635	1637	rBV	477432	583016	88.15%	6.305%
42	19.854	1641	1642	1644	rVB	14269	16497	2.49%	0.178%
43	19.957	1647	1651	1652	rVV2	18504	47315	7.15%	0.512%
44	20.037	1656	1658	1660	rVV	109450	145865	22.05%	1.578%
45	20.083	1660	1662	1664	rVB	22076	30136	4.56%	0.326%
46	20.220	1667	1674	1676	rBV2	63178	113446	17.15%	1.227%
47	20.300	1679	1681	1683	rBV	56078	63055	9.53%	0.682%
48	20.335	1683	1684	1689	rVV3	25787	57524	8.70%	0.622%
49	20.449	1691	1694	1696	rVB3	22695	29376	4.44%	0.318%
50	20.597	1705	1707	1712	rVB3	9002	16163	2.44%	0.175%
51	20.769	1714	1722	1724	rBV3	13942	45914	6.94%	0.497%
52	20.849	1724	1729	1733	rBV3	25211	78164	11.82%	0.845%
53	20.986	1739	1741	1743	rBV	40477	40644	6.15%	0.440%
54	21.032	1743	1745	1747	rBV2	44853	64116	9.69%	0.693%
55	21.077	1747	1749	1751	rVV2	21354	27490	4.16%	0.297%
56	21.123	1751	1753	1757	rVB	29637	33748	5.10%	0.365%
57	21.203	1757	1760	1762	rVB	9679	15065	2.28%	0.163%
58	21.306	1764	1769	1770	rBV2	367864	661379	100.00%	7.153%
59	21.340	1770	1772	1774	rVV2	211838	275848	41.71%	2.983%
60	21.432	1778	1780	1783	rBV	40651	58254	8.81%	0.630%
61	21.569	1790	1792	1794	rVB2	27647	34771	5.26%	0.376%
62	21.615	1794	1796	1799	rBV	29155	38600	5.84%	0.417%
63	21.763	1805	1809	1810	rVB2	8696	20879	3.16%	0.226%
64	21.809	1810	1813	1814	rBV	36435	60371	9.13%	0.653%
65	21.843	1814	1816	1819	rVB2	21173	28701	4.34%	0.310%
66	21.912	1819	1822	1823	rBV2	23801	39602	5.99%	0.428%
67	21.935	1823	1824	1825	rVV	14107	18866	2.85%	0.204%
68	21.969	1825	1827	1829	rVV2	18600	26615	4.02%	0.288%
69	22.015	1829	1831	1834	rVB3	13900	19886	3.01%	0.215%
70	22.072	1834	1836	1839	rVB3	10277	17174	2.60%	0.186%
71	22.198	1843	1847	1849	rBV4	15147	28821	4.36%	0.312%

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72	22.403	1861	1865	1867	rVB3	9620	24696	3.73%	0.267%
73	22.472	1867	1871	1872	rBV3	9569	16257	2.46%	0.176%
74	22.575	1877	1880	1885	rVB	217136	483668	73.13%	5.231%
75	22.678	1885	1889	1892	rVB2	50337	83683	12.65%	0.905%
76	22.746	1892	1895	1897	rBV4	10776	23809	3.60%	0.257%
77	22.803	1897	1900	1901	rBV3	18364	36498	5.52%	0.395%
78	22.872	1903	1906	1909	rVV	132103	196439	29.70%	2.124%
79	22.929	1909	1911	1914	rVV	191792	254741	38.52%	2.755%
80	22.998	1914	1917	1921	rVV2	230328	355210	53.71%	3.842%
81	23.066	1921	1923	1926	rVV4	13569	30395	4.60%	0.329%
82	23.180	1930	1933	1934	rBV3	9848	19105	2.89%	0.207%
83	23.215	1934	1936	1940	rVB3	18211	45914	6.94%	0.497%
84	23.295	1940	1943	1945	rBV4	12413	27731	4.19%	0.300%
85	23.489	1957	1960	1962	rVB2	12022	20562	3.11%	0.222%
86	23.546	1963	1965	1968	rVB4	8611	17908	2.71%	0.194%
87	23.603	1968	1970	1976	rBV6	15425	45813	6.93%	0.495%
88	23.946	1995	2000	2004	rVB8	21024	49347	7.46%	0.534%
89	24.038	2006	2008	2011	rVV2	26414	46046	6.96%	0.498%
90	24.152	2014	2018	2023	rVB2	87408	191478	28.95%	2.071%
91	24.289	2028	2030	2032	rBV	25603	51498	7.79%	0.557%
92	24.323	2032	2033	2037	rVV	21590	47234	7.14%	0.511%
93	24.449	2041	2044	2052	rVV	77787	141895	21.45%	1.535%
94	24.621	2056	2059	2066	rVB	23872	57694	8.72%	0.624%
95	25.101	2097	2101	2108	rBV9	7963	28817	4.36%	0.312%
96	25.432	2123	2130	2133	rVV8	5464	24260	3.67%	0.262%
97	25.992	2173	2179	2184	rVB2	24949	82747	12.51%	0.895%
98	26.129	2184	2191	2193	rBV2	20245	73798	11.16%	0.798%
99	26.758	2239	2246	2255	rBV5	14204	84504	12.78%	0.914%
100	26.929	2257	2261	2264	rVB5	6550	18143	2.74%	0.196%

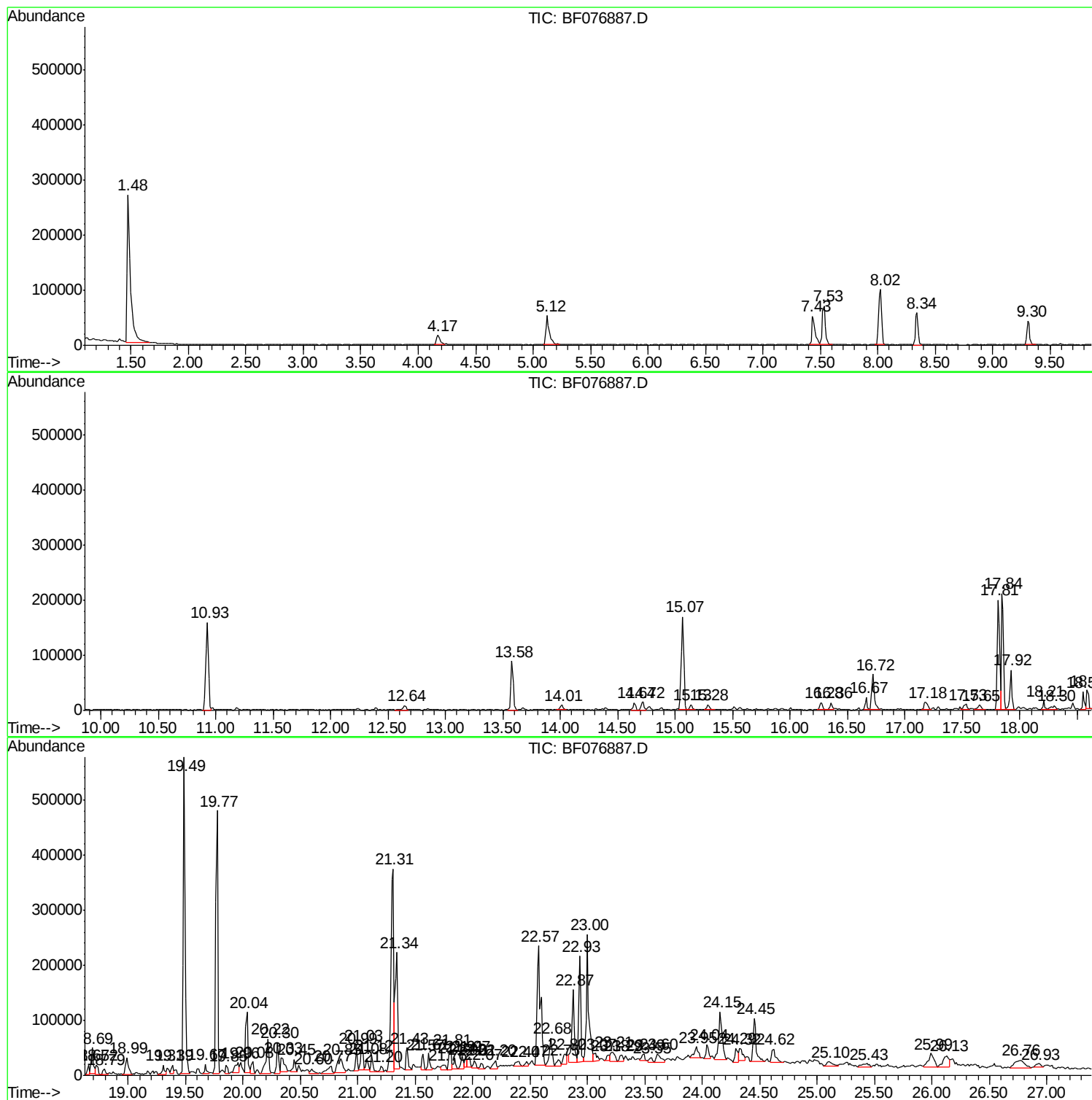
Sum of corrected areas: 9246470

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Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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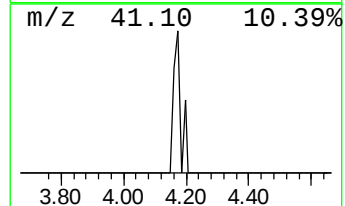
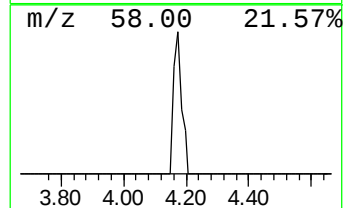
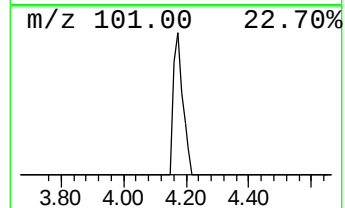
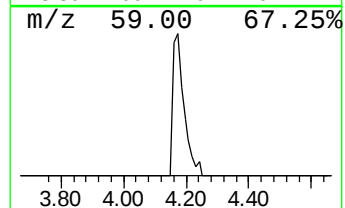
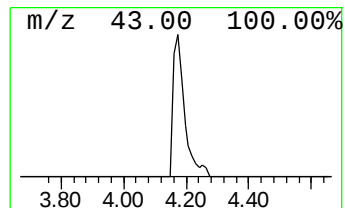
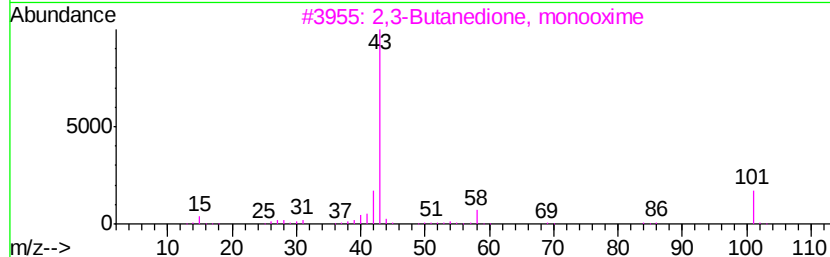
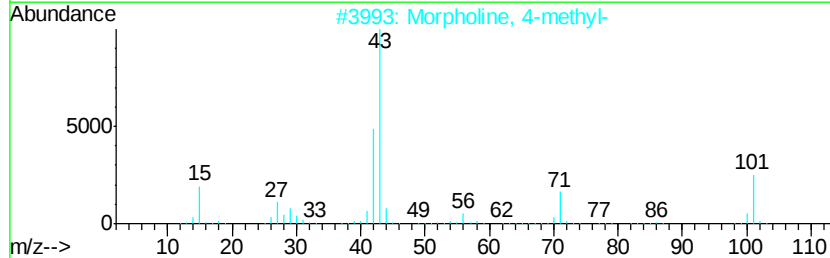
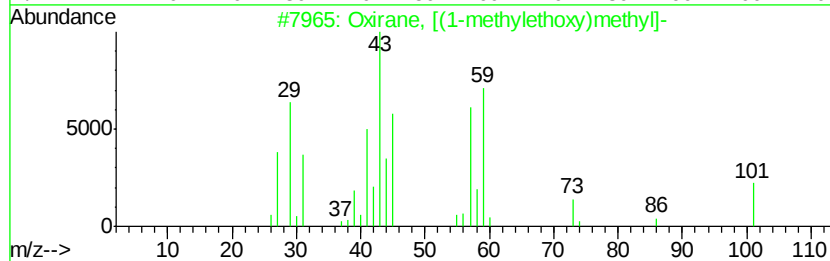
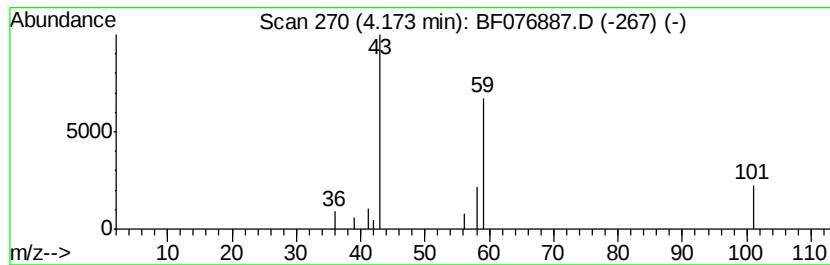
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxirane, [(1-methylethoxy)m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	4.51 ng	38262	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	4
4	Acetone	58	C3H6O	000067-64-1	4
5	Guanidine	59	CH5N3	000113-00-8	4



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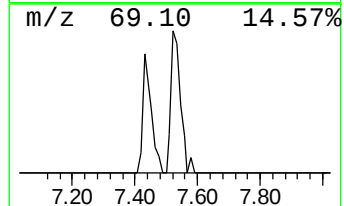
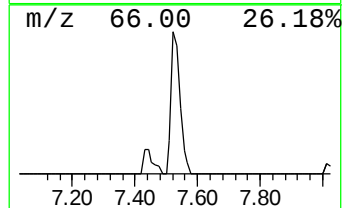
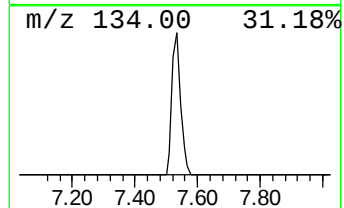
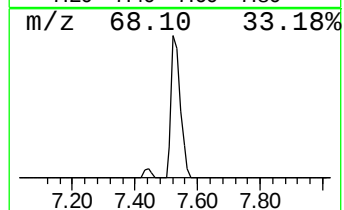
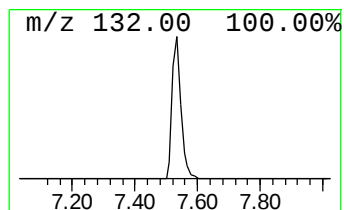
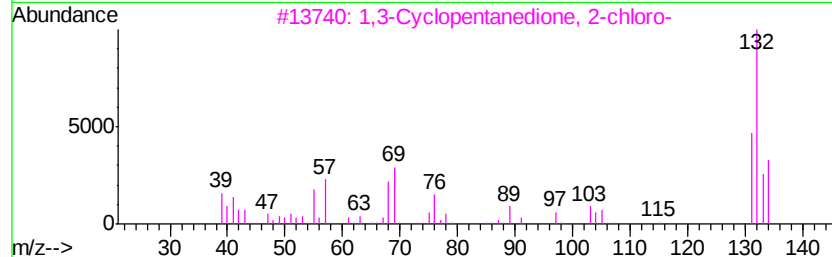
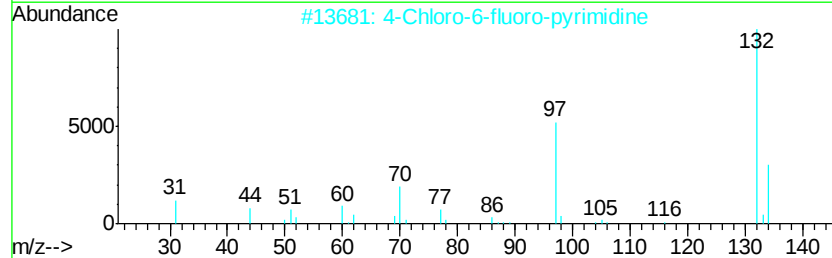
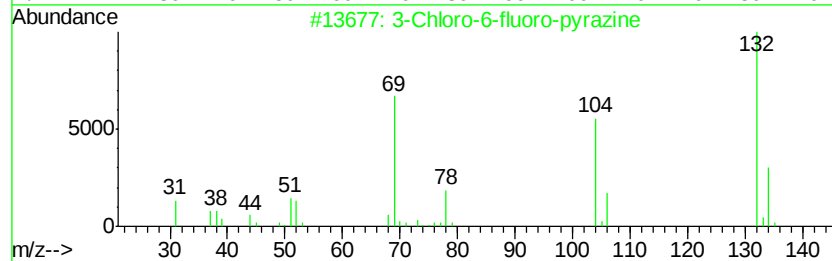
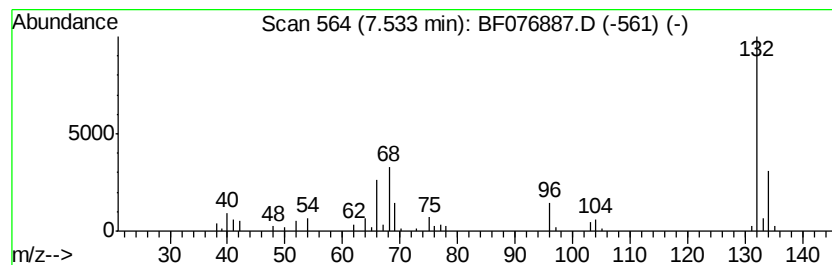
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	15.93 ng	135259	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17



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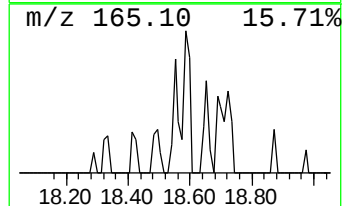
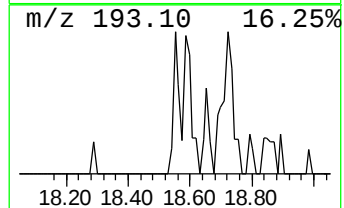
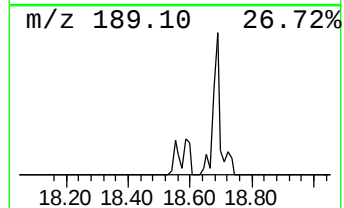
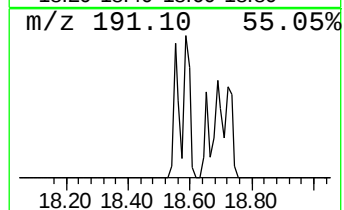
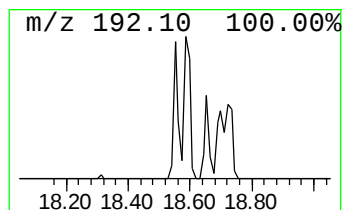
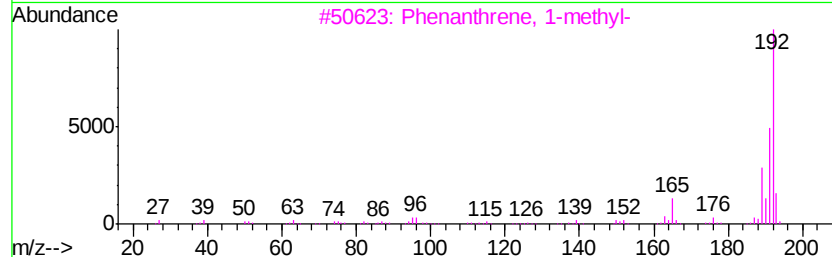
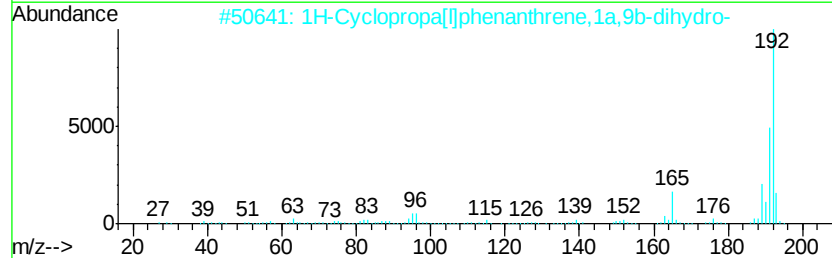
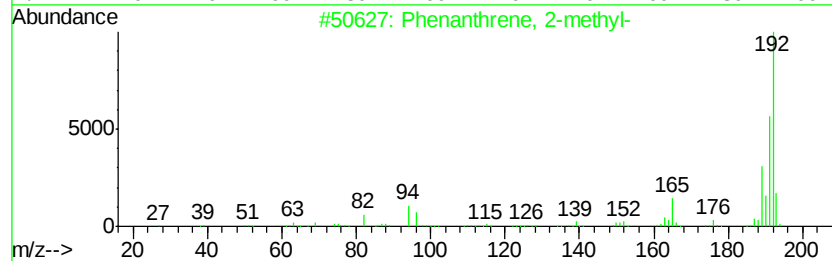
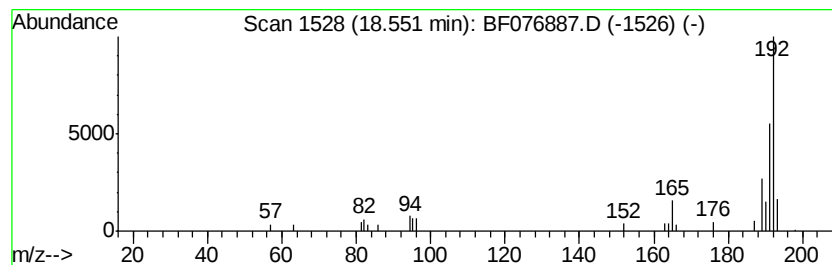
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	2.69 ng	37269	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-2(6-8)

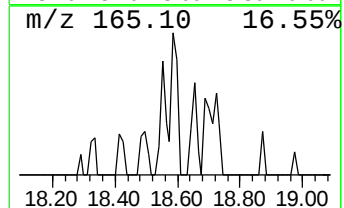
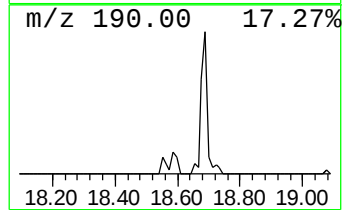
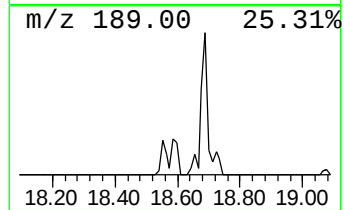
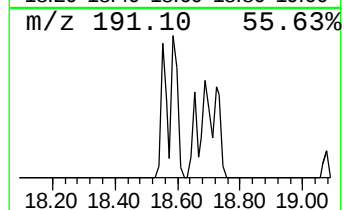
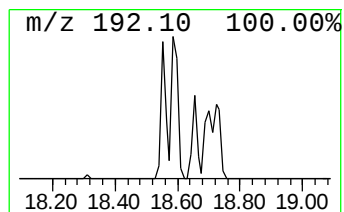
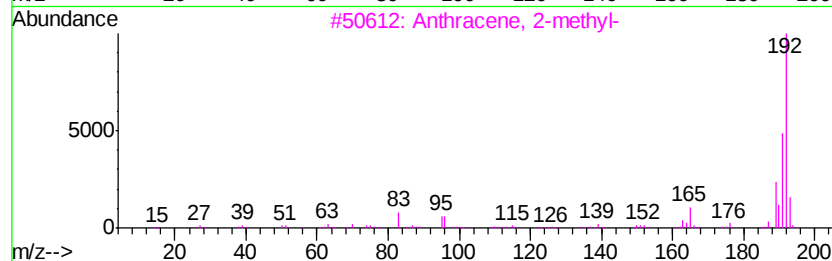
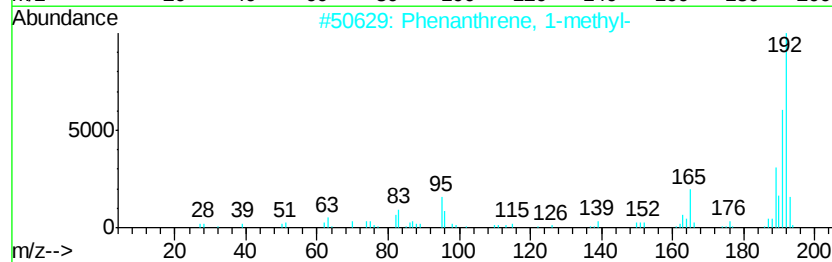
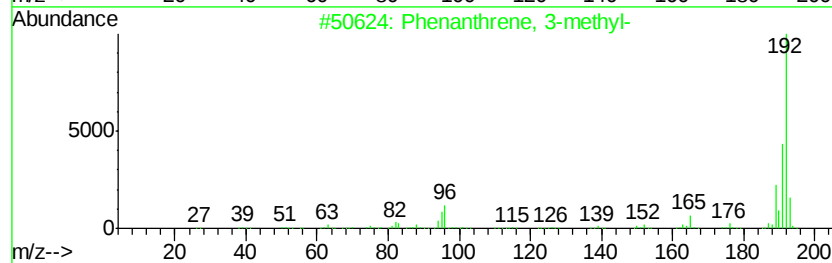
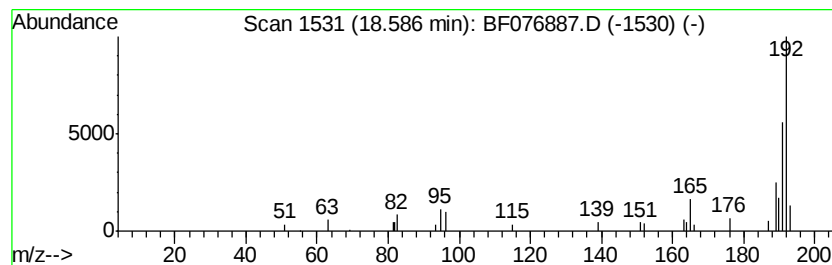
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.98 ng	41356	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP2-SS-2(6-8)

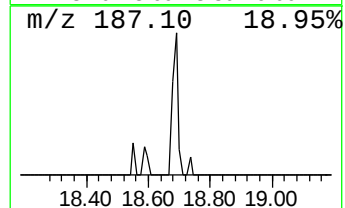
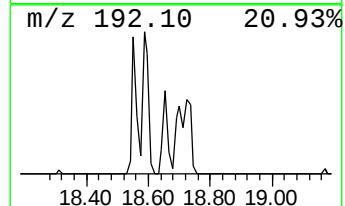
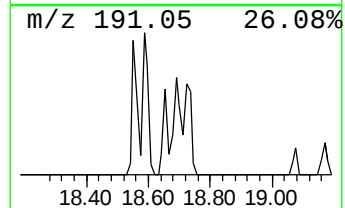
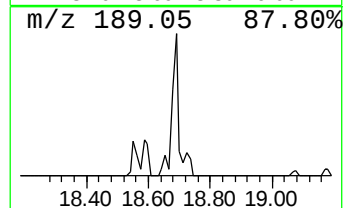
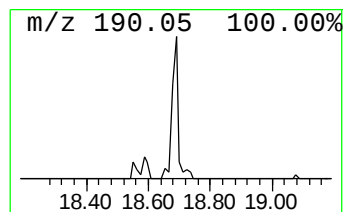
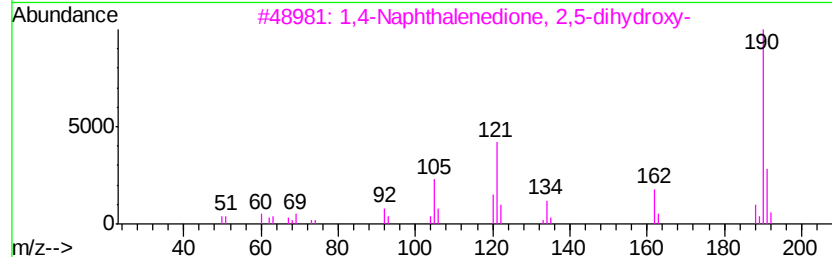
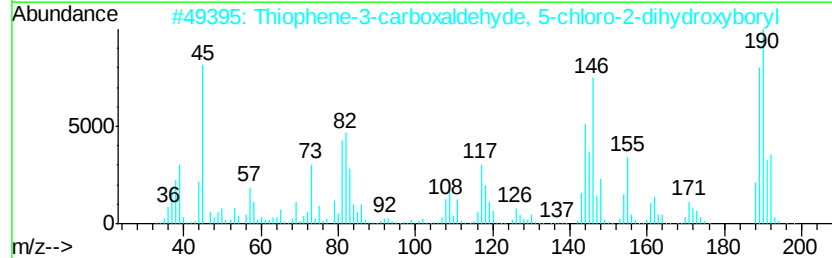
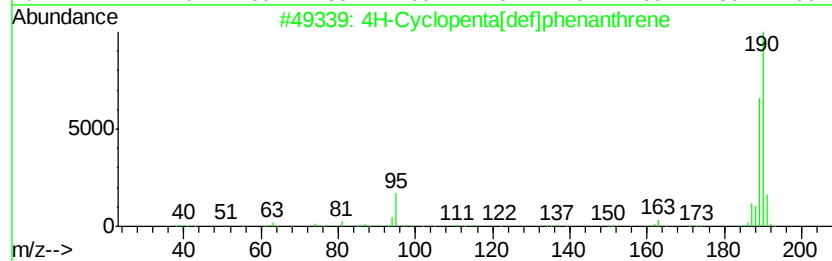
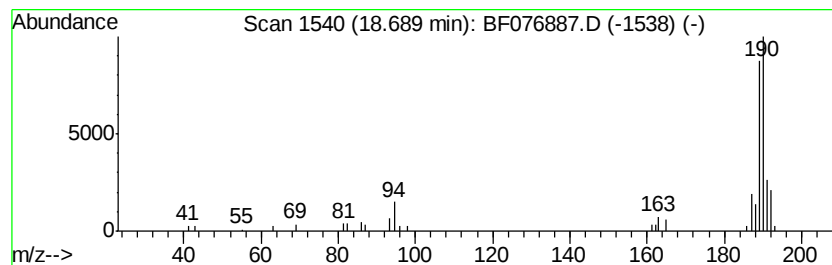
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	4.98 ng	69056	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23
4		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22
5		Methyl diselenide	190	C2H6Se2	007101-31-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

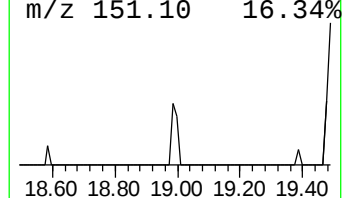
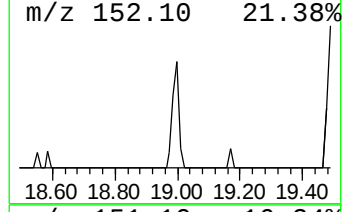
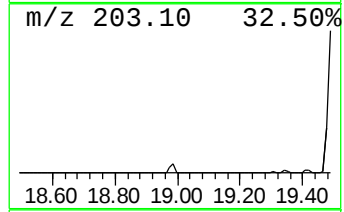
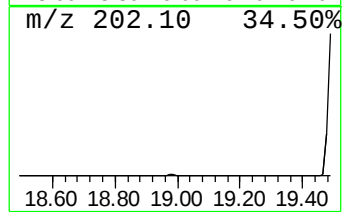
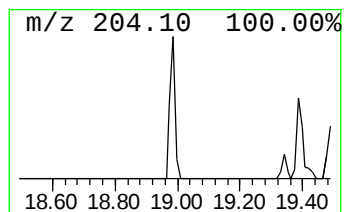
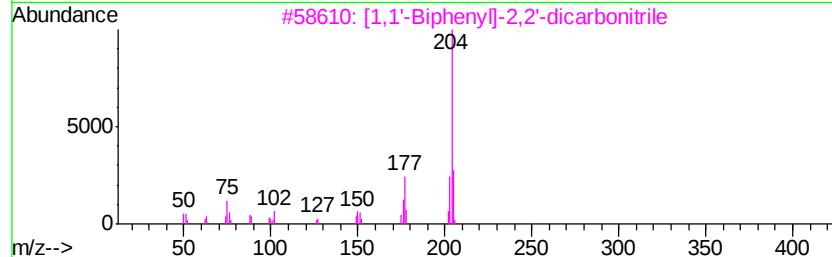
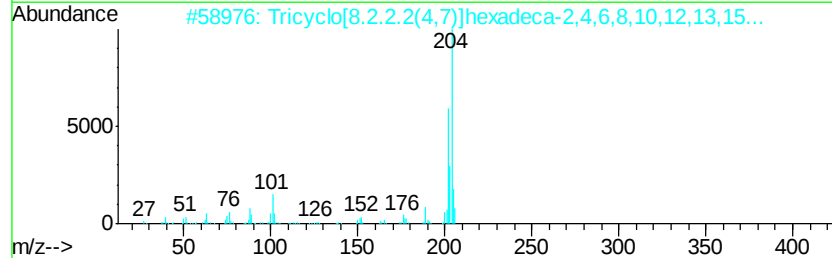
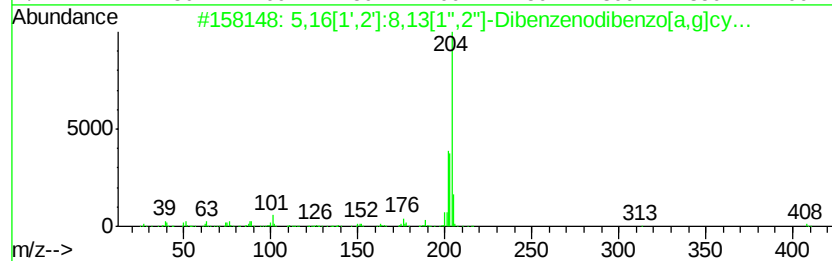
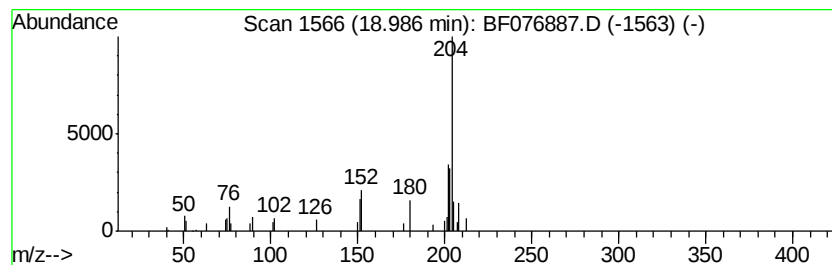
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.99	3.99 ng	55332	Phenanthrene-d10		17.81		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16	[1',2']	:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	53
2	Tricyclo[8.2.2.2(4,7)]	hexadeca-2...		204	C16H12	006572-60-7	49
3	[1,1'-Biphenyl]-2,2'-	dicarbonitrile		204	C14H8N2	004341-02-0	47
4	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	47
5	Imidazo[2,1-b]thiazole, 2,3,5,6-	...		204	C11H12N2S	005036-02-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
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Misc : S
ALS Vial : 31 Sample Multiplier: 1

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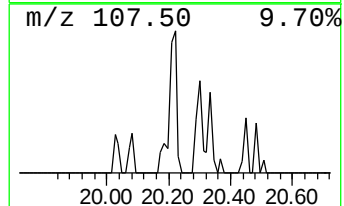
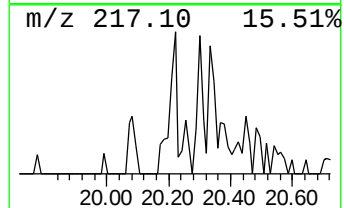
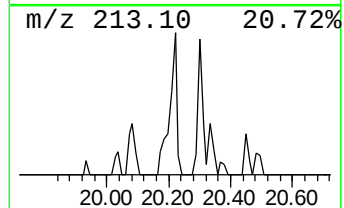
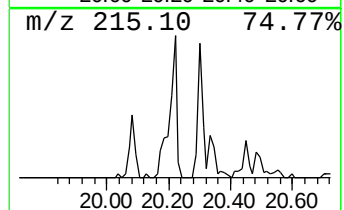
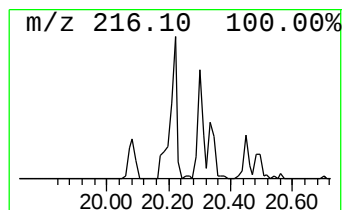
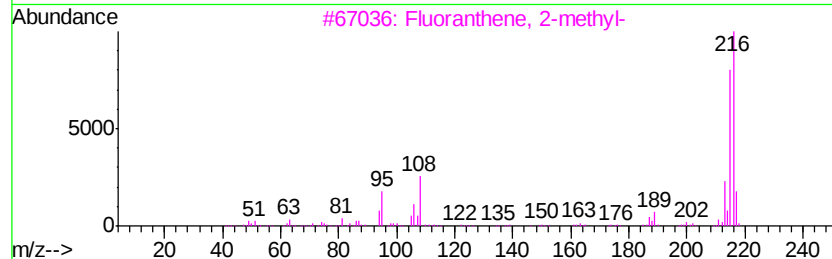
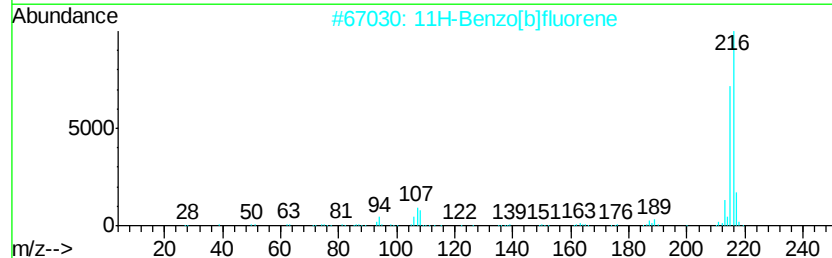
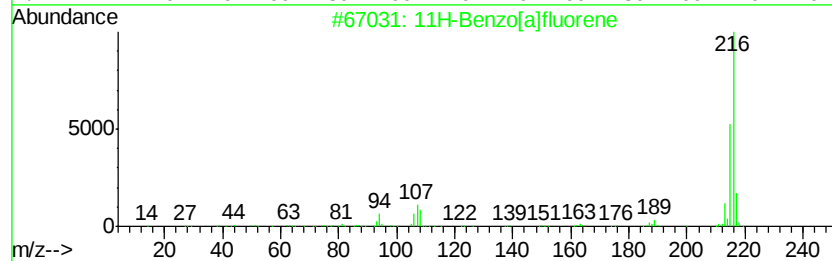
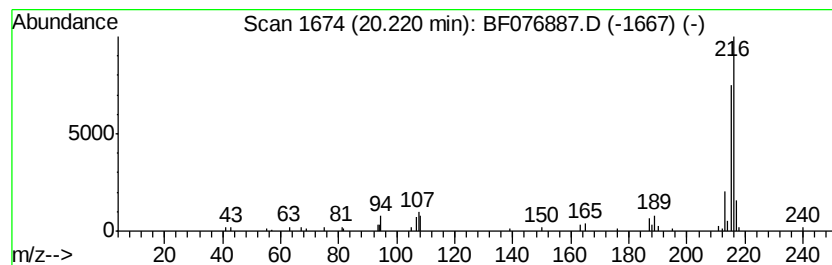
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.22	3.43 ng	113446	Chrysene-d12	21.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
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Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP2-SS-2(6-8)

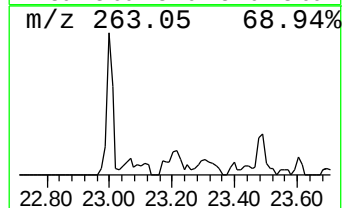
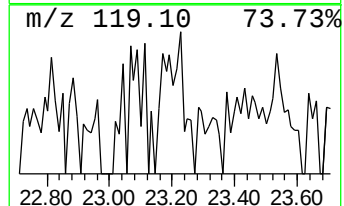
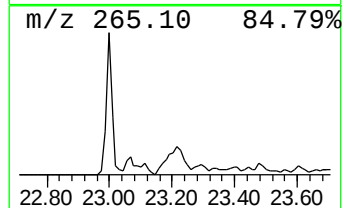
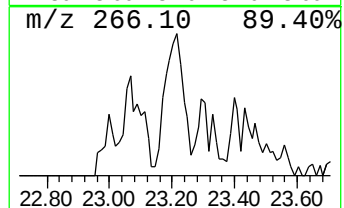
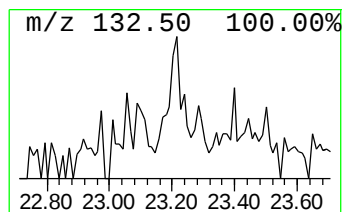
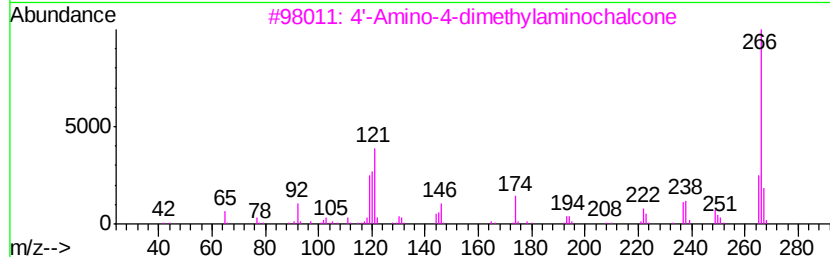
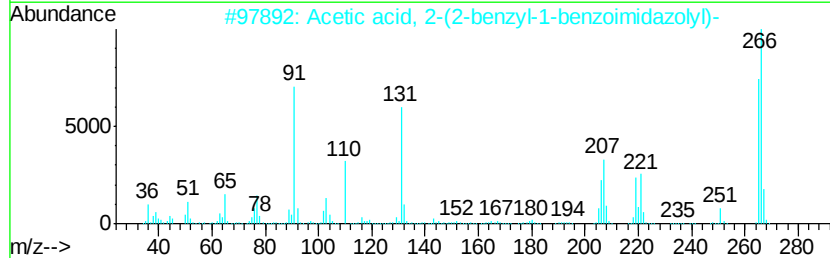
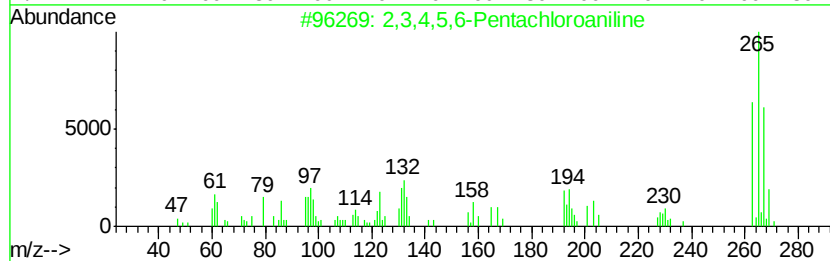
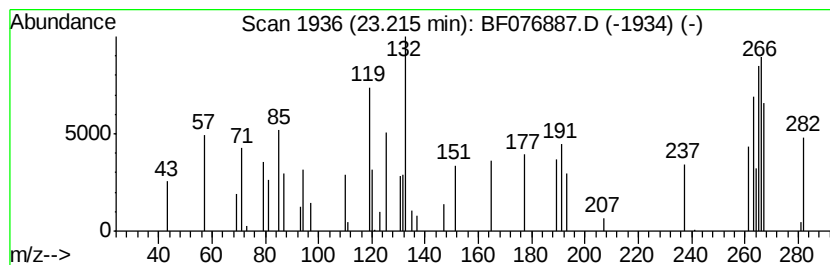
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown23.21 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.21	2.59 ng	45914	Perylene-d12	23.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5,6-Pentachloroaniline			263	C6H2Cl5N	000527-20-8	22
2	Acetic acid, 2-(2-benzyl-1-benzo...			266	C16H14N2O2	152342-26-2	14
3	4'-Amino-4-dimethylaminochalcone			266	C17H18N2O	025870-72-8	12
4	Benzoxazole, 2-[2-(4-nitrophenyl...			266	C15H10N2O3	073916-04-8	9
5	2-Amino-3-cyano-5-[2-[3,4-methyl...			266	C14H10N4O2	1000252-72-1	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
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ALS Vial : 31 Sample Multiplier: 1

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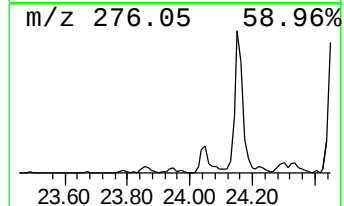
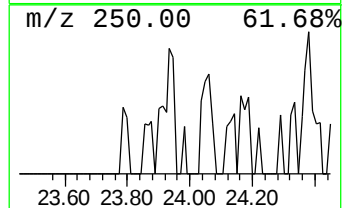
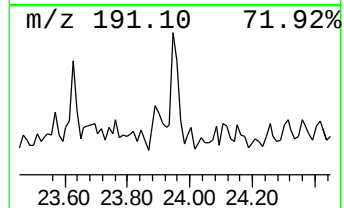
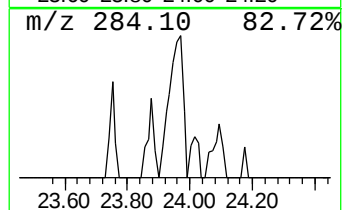
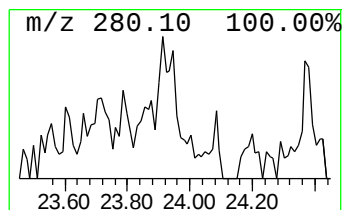
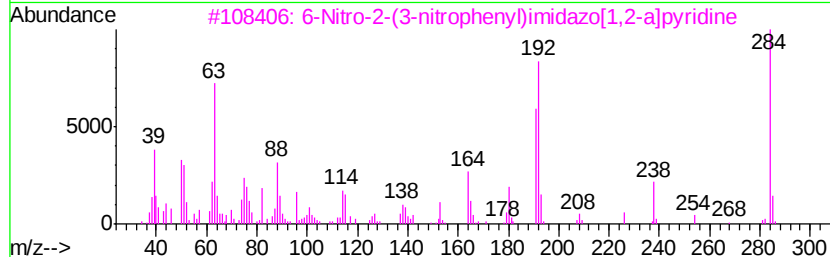
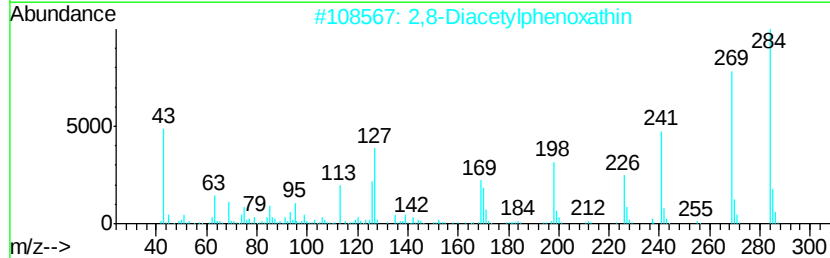
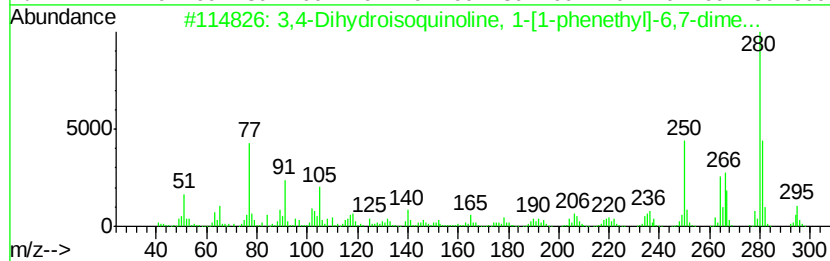
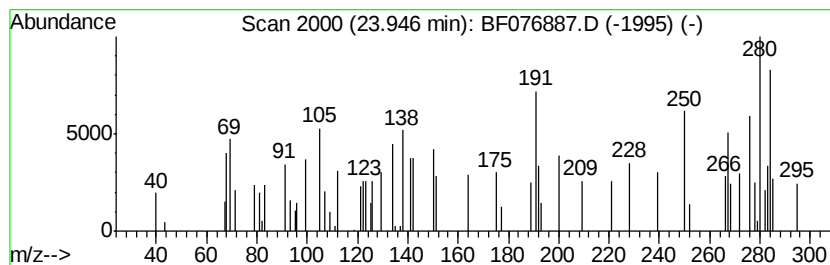
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown23.95 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.78 ng	49347	Perylene-d12	23.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydroisoquinoline, 1-[1-ph...	295	C19H21NO2	047206-48-4	12		
2	2,8-Diacetylphenoxathin	284	C16H12O3S	006164-33-6	10		
3	6-Nitro-2-(3-nitrophenyl)imidazo...	284	C13H8N4O4	1000224-31-2	10		
4	3H-1,3,4-Benzotriazepine, 7-chlo...	284	C15H13ClN4	105448-14-4	10		
5	Gona-1,3,5,7,9-pentaen-17-one, 1...	280	C19H20O2	030788-51-3	10		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
Data File : BF076887.D
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Sample : G1030-05 5X
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ALS Vial : 31 Sample Multiplier: 1

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ClientSampleId :
TP2-SS-2(6-8)

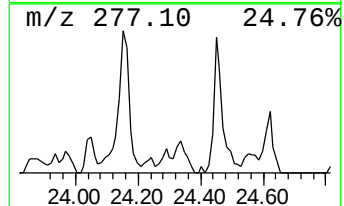
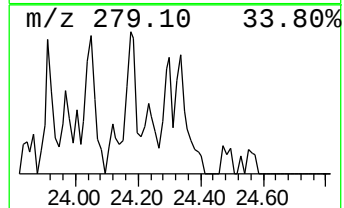
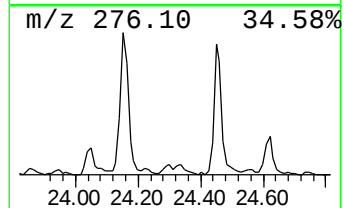
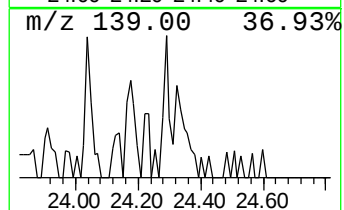
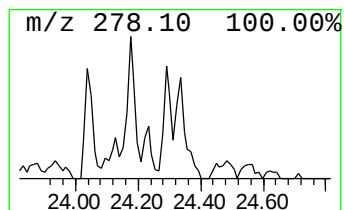
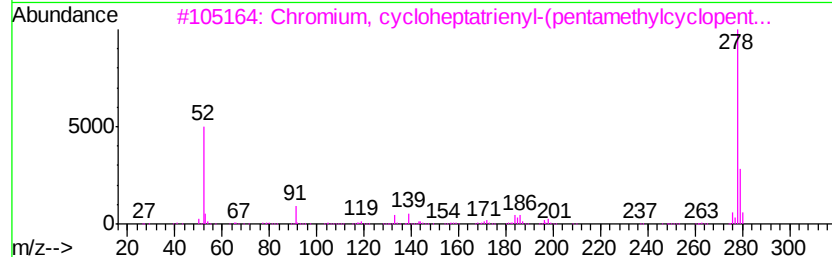
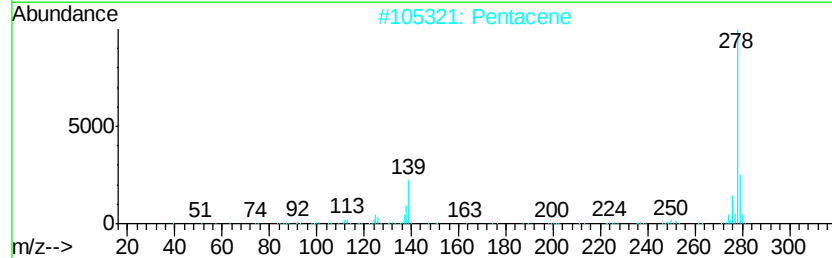
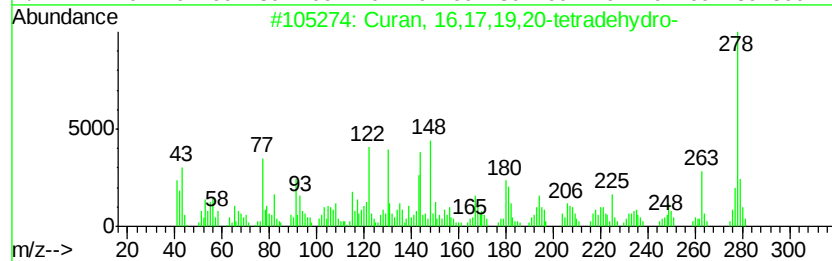
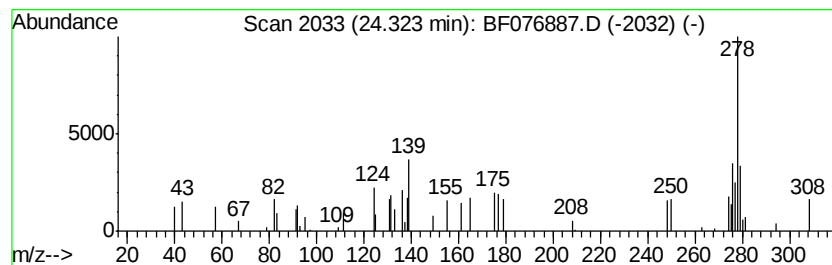
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown24.32 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	2.66 ng	47234	Perylene-d12	23.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Curan, 16,17,19,20-tetradehydro-			278	C19H22N2	056053-17-9	47
2	Pentacene			278	C22H14	000135-48-8	43
3	Chromium, cycloheptatrienyl-(pentamethylcyclopent...			278	C17H22Cr	1000157-07-5	38
4	Dibenzo-1,2,7,8-anthracene			278	C22H14	000224-41-9	38
5	Pentaphene			278	C22H14	000222-93-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-2(6-8)

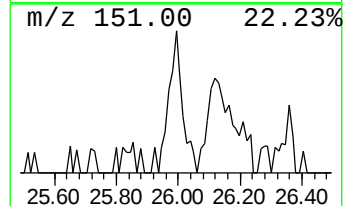
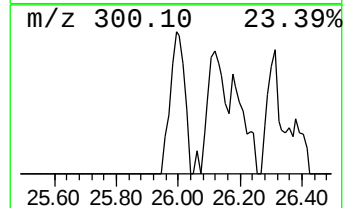
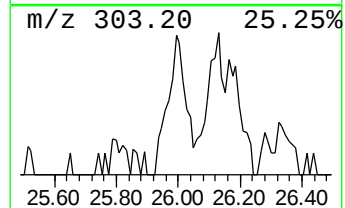
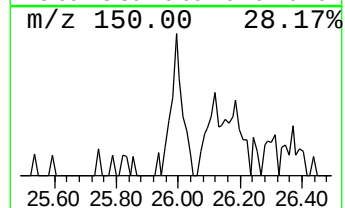
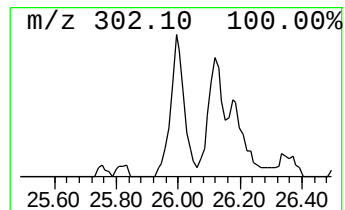
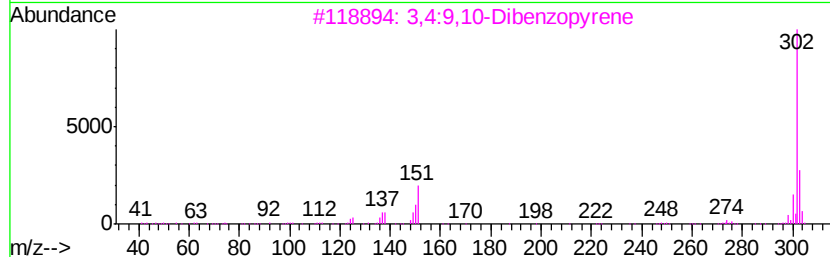
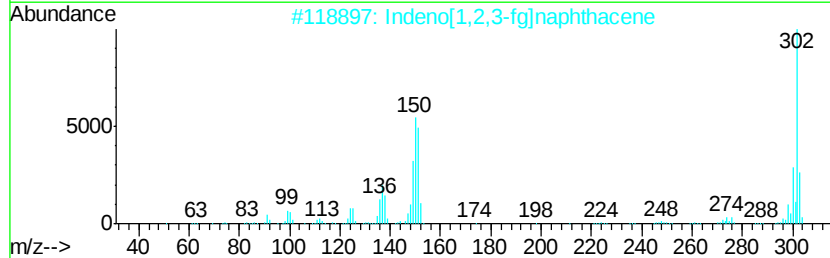
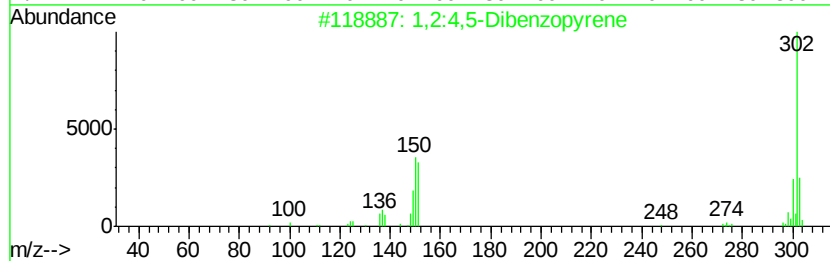
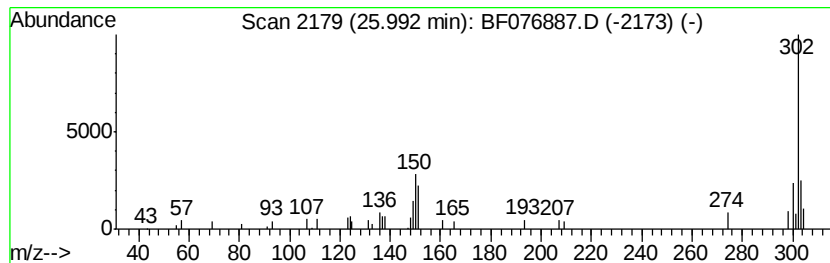
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	4.66 ng	82747	Perylene-d12	23.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	81
2			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	68
3			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	68
4			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64
5			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-2(6-8)

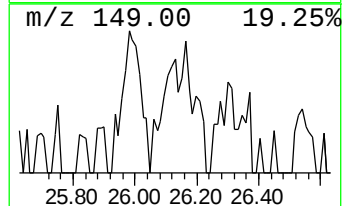
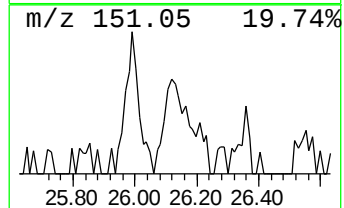
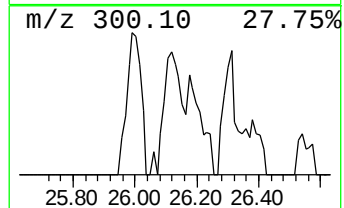
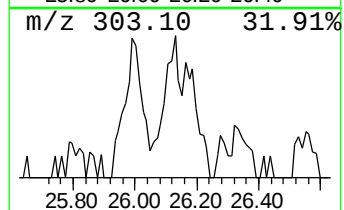
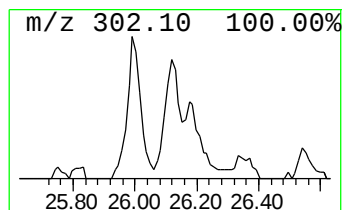
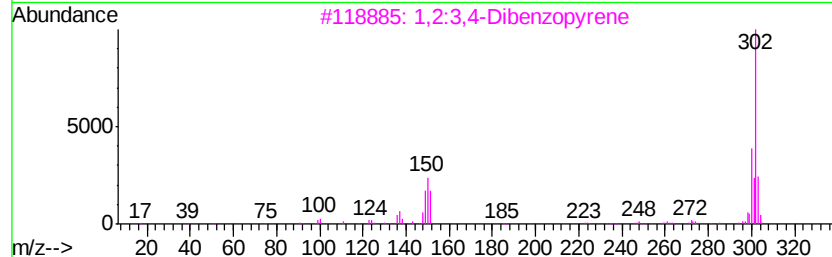
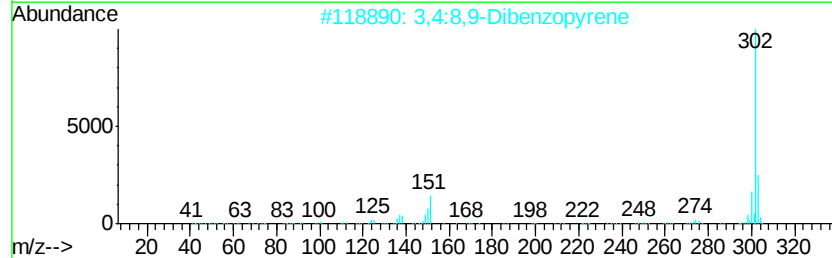
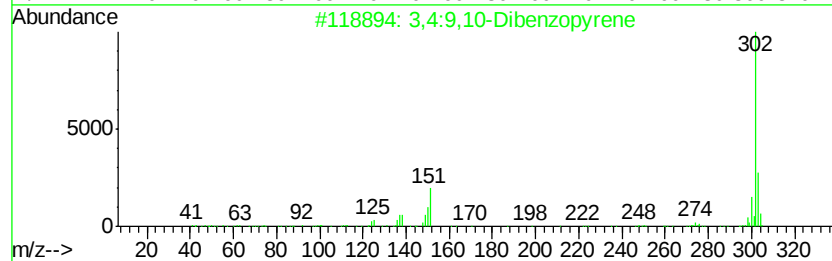
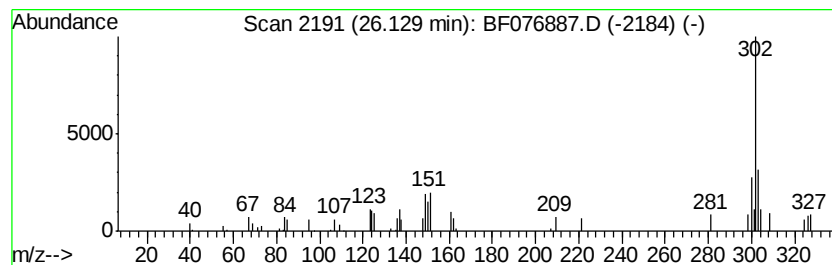
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 3,4:9,10-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.13	4.16 ng	73798	Perylene-d12	23.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	70
2			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	58
3			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	53
4			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	52
5			Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
Data File : BF076887.D
Acq On : 15 Jan 2015 16:49
Operator : IZ / TP
Sample : G1030-05 5X
Misc : S
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-SS-2(6-8)

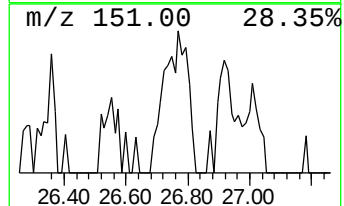
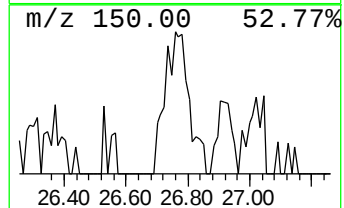
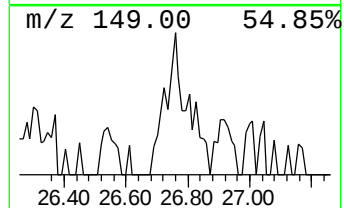
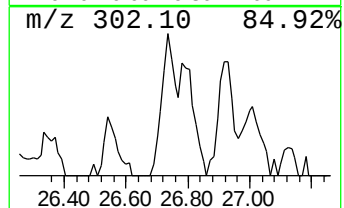
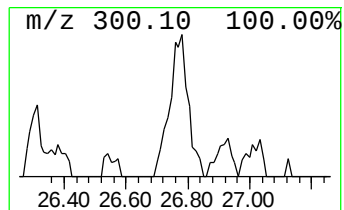
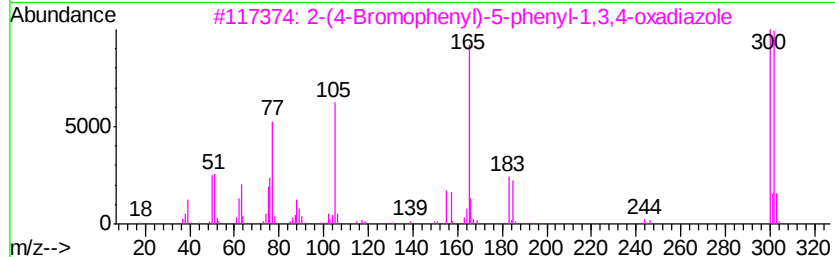
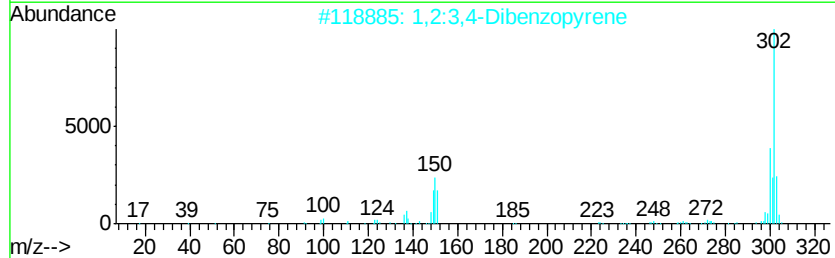
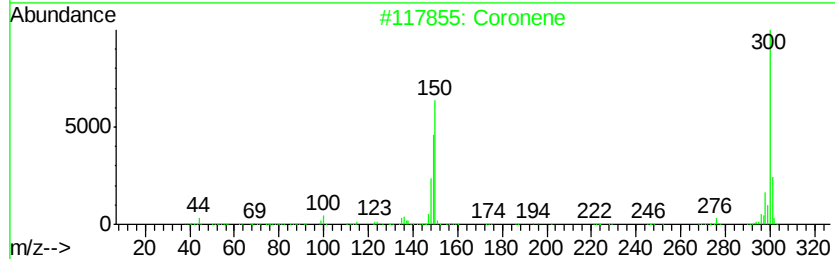
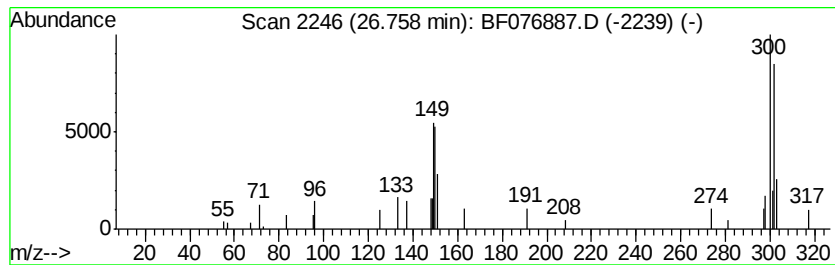
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown26.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	4.76 ng	84504	Perylene-d12	23.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	43
2		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	38
3		2-(4-Bromophenyl)-5-phenyl-1,3,4...	300	C14H9BrN2O	021510-43-0	38
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	32
5		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011515\
 Data File : BF076887.D
 Acq On : 15 Jan 2015 16:49
 Operator : IZ / TP
 Sample : G1030-05 5X
 Misc : S
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-SS-2(6-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Oxirane, [(1-meth...	4.17	4.5	ng	38262	1	8.02	169780	20.0
unknown7.53	7.53	15.9	ng	135259	1	8.02	169780	20.0
Phenanthrene, 2-m...	18.55	2.7	ng	37269	4	17.81	277277	20.0
Phenanthrene, 3-m...	18.59	3.0	ng	41356	4	17.81	277277	20.0
4H-Cyclopenta[def...	18.69	5.0	ng	69056	4	17.81	277277	20.0
5,16[1',2']:8,13[...	18.99	4.0	ng	55332	4	17.81	277277	20.0
11H-Benzo[a]fluorene	20.22	3.4	ng	113446	5	21.31	661379	20.0
unknown23.21	23.21	2.6	ng	45914	6	23.00	355210	20.0
unknown23.95	23.95	2.8	ng	49347	6	23.00	355210	20.0
unknown24.32	24.32	2.7	ng	47234	6	23.00	355210	20.0
1,2:4,5-Dibenzopy...	25.99	4.7	ng	82747	6	23.00	355210	20.0
3,4:9,10-Dibenzop...	26.13	4.2	ng	73798	6	23.00	355210	20.0
unknown26.76	26.76	4.8	ng	84504	6	23.00	355210	20.0