

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106346.D
 Acq On : 12 Jun 2018 16:00
 Operator : JU/SJ
 Sample : J3245-07 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-061118-D

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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	5.195	483	486	491	rVB	175668	174523	8.00%	0.511%
2	5.590	549	553	556	rBV	2207471	1897843	86.95%	5.562%
3	6.589	718	723	726	rBV	2155489	1894900	86.82%	5.554%
4	6.737	744	748	752	rBV	2089949	1935833	88.69%	5.674%
5	6.972	784	788	791	rBV	1329185	1032503	47.30%	3.026%
6	7.125	811	814	818	rVB	1776243	1524516	69.85%	4.468%
7	7.531	879	883	886	rBV	1428809	1169957	53.60%	3.429%
8	7.595	891	894	901	rVB2	35469	39493	1.81%	0.116%
9	8.254	1002	1006	1009	rBV	1567124	1232492	56.47%	3.612%
10	8.966	1124	1127	1131	rVB	67233	52170	2.39%	0.153%
11	9.066	1141	1144	1148	rVB	56687	45245	2.07%	0.133%
12	9.230	1168	1172	1175	rBV	42642	46466	2.13%	0.136%
13	9.325	1185	1188	1191	rBV	2483861	1994551	91.38%	5.846%
14	9.595	1230	1234	1237	rBV2	31965	43241	1.98%	0.127%
15	9.666	1243	1246	1249	rBV	61625	55988	2.57%	0.164%
16	9.719	1252	1255	1260	rVB	374494	288718	13.23%	0.846%
17	9.783	1262	1266	1268	rBV	36381	30306	1.39%	0.089%
18	9.872	1278	1281	1286	rBV	100848	90157	4.13%	0.264%
19	9.925	1286	1290	1294	rVB2	51724	53776	2.46%	0.158%
20	10.013	1301	1305	1308	rBV	1448258	1167804	53.50%	3.423%
21	10.042	1308	1310	1313	rVB	145299	116994	5.36%	0.343%
22	10.166	1326	1331	1333	rBV4	17032	25989	1.19%	0.076%
23	10.213	1336	1339	1342	rVV2	95496	93675	4.29%	0.275%
24	10.248	1342	1345	1348	rVB	47501	37853	1.73%	0.111%
25	10.325	1354	1358	1361	rBV2	40396	49665	2.28%	0.146%
26	10.430	1369	1376	1379	rVB2	79084	115483	5.29%	0.338%
27	10.560	1395	1398	1404	rVB	193198	162229	7.43%	0.475%
28	10.642	1410	1412	1415	rVB2	39746	38462	1.76%	0.113%
29	10.713	1422	1424	1428	rVB2	32158	32770	1.50%	0.096%
30	10.801	1435	1439	1442	rBV	1379409	1152138	52.79%	3.377%
31	10.901	1454	1456	1458	rBV	74547	71253	3.26%	0.209%
32	11.107	1486	1491	1493	rBV4	68243	85731	3.93%	0.251%
33	11.136	1493	1496	1499	rVV2	37540	45993	2.11%	0.135%
34	11.189	1502	1505	1508	rVV2	39410	33152	1.52%	0.097%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.230	1508	1512	1514	rVV5	32397	37237	1.71%	0.109%
36	11.260	1514	1517	1521	rVV4	26995	39792	1.82%	0.117%
37	11.307	1522	1525	1528	rVV2	34666	37251	1.71%	0.109%
38	11.348	1529	1532	1535	rVV2	66301	69377	3.18%	0.203%
39	11.377	1535	1537	1539	rVV2	41097	48147	2.21%	0.141%
40	11.401	1539	1541	1544	rVB	94097	78902	3.61%	0.231%
41	11.501	1555	1558	1561	rBV	1341163	1345511	61.64%	3.943%
42	11.530	1561	1563	1566	rVV	1112201	877444	40.20%	2.572%
43	11.577	1568	1571	1574	rVV	349017	262631	12.03%	0.770%
44	11.607	1574	1576	1579	rVV	41653	46182	2.12%	0.135%
45	11.660	1582	1585	1590	rVB4	19345	28140	1.29%	0.082%
46	11.730	1594	1597	1599	rBV	93591	75311	3.45%	0.221%
47	11.830	1612	1614	1619	rVB	63569	61022	2.80%	0.179%
48	11.919	1626	1629	1632	rBV	40956	42647	1.95%	0.125%
49	12.007	1640	1644	1646	rBV	179972	188685	8.64%	0.553%
50	12.030	1646	1648	1652	rVB	269689	211348	9.68%	0.619%
51	12.077	1653	1656	1659	rBV	94974	93327	4.28%	0.274%
52	12.119	1659	1663	1665	rBV2	330239	363012	16.63%	1.064%
53	12.136	1665	1666	1671	rVB	143917	109193	5.00%	0.320%
54	12.183	1671	1674	1676	rBV2	41601	44004	2.02%	0.129%
55	12.236	1680	1683	1685	rBV2	42033	37222	1.71%	0.109%
56	12.301	1690	1694	1696	rVV2	111433	115235	5.28%	0.338%
57	12.324	1696	1698	1702	rVB2	69684	69845	3.20%	0.205%
58	12.448	1714	1719	1721	rBV2	77195	90569	4.15%	0.265%
59	12.477	1721	1724	1726	rVV	80143	69781	3.20%	0.205%
60	12.501	1726	1728	1731	rVB2	57985	50079	2.29%	0.147%
61	12.554	1734	1737	1740	rVV	169973	174737	8.01%	0.512%
62	12.595	1740	1744	1746	rVV3	80668	122752	5.62%	0.360%
63	12.642	1749	1752	1756	rBV2	66042	99039	4.54%	0.290%
64	12.719	1761	1765	1768	rBV	1739093	1499722	68.71%	4.395%
65	12.754	1768	1771	1774	rVV2	197289	178411	8.17%	0.523%
66	12.813	1778	1781	1783	rVB3	55028	46434	2.13%	0.136%
67	12.871	1788	1791	1794	rVV	108611	112570	5.16%	0.330%
68	12.948	1798	1804	1810	rBV	1377752	1668820	76.46%	4.891%
69	13.001	1810	1813	1816	rVB2	95538	113061	5.18%	0.331%
70	13.089	1824	1828	1831	rBV	2386946	2080030	95.30%	6.096%
71	13.160	1837	1840	1845	rBV3	106658	178940	8.20%	0.524%

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72	13.254	1853	1856	1857	rBV2	82145	87964	4.03%	0.258%
73	13.277	1857	1860	1863	rVB	311605	300098	13.75%	0.880%
74	13.342	1868	1871	1874	rBV2	291706	223613	10.24%	0.655%
75	13.377	1874	1877	1880	rBV2	177826	180194	8.26%	0.528%
76	13.477	1891	1894	1896	rBV	109202	98284	4.50%	0.288%
77	13.507	1896	1899	1901	rBV	138015	131382	6.02%	0.385%
78	13.901	1964	1966	1969	rVB	119358	111966	5.13%	0.328%
79	13.930	1969	1971	1973	rVB	112968	75201	3.45%	0.220%
80	13.954	1973	1975	1976	rBV	101068	81696	3.74%	0.239%
81	13.977	1976	1979	1987	rVB6	220115	329310	15.09%	0.965%
82	14.160	2005	2010	2013	rBV2	1656528	2182686	100.00%	6.397%
83	14.189	2013	2015	2022	rVB	703192	589403	27.00%	1.727%
84	14.271	2027	2029	2031	rBV	113251	81870	3.75%	0.240%
85	15.254	2193	2196	2199	rBV	392734	535207	24.52%	1.569%
86	15.648	2259	2263	2269	rBV	339570	473074	21.67%	1.386%
87	15.712	2270	2274	2279	rBV2	741051	1040264	47.66%	3.049%

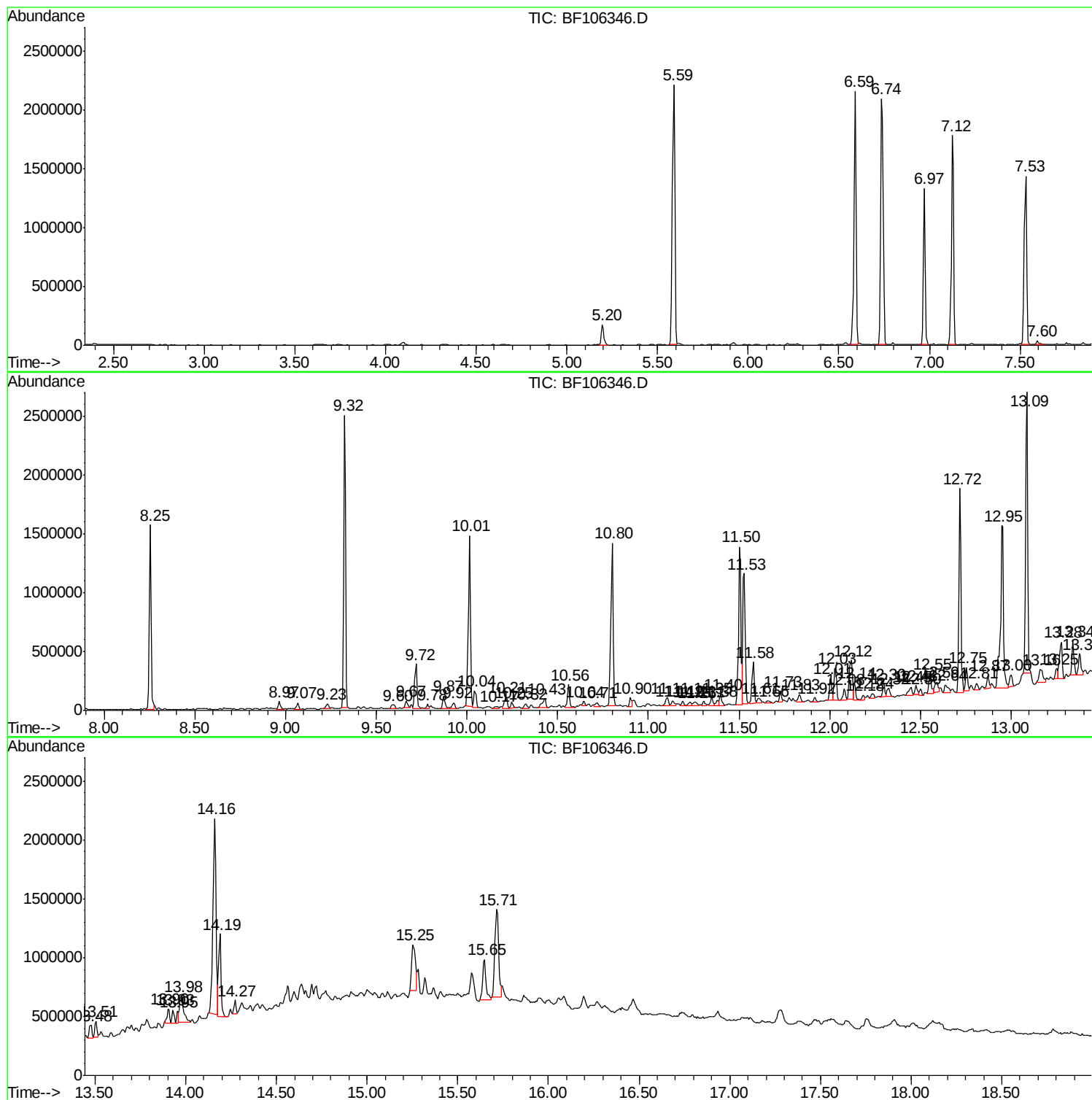
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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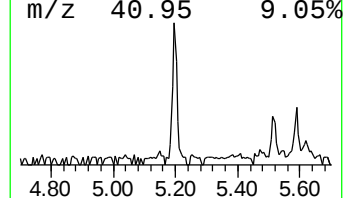
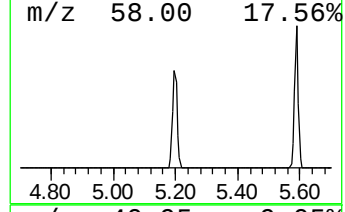
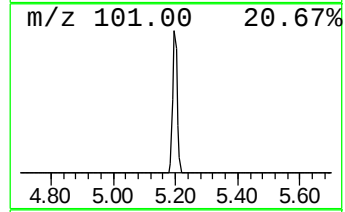
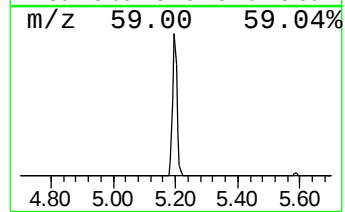
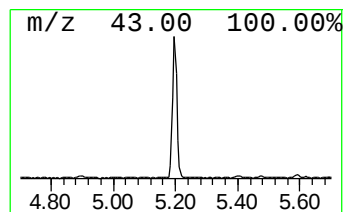
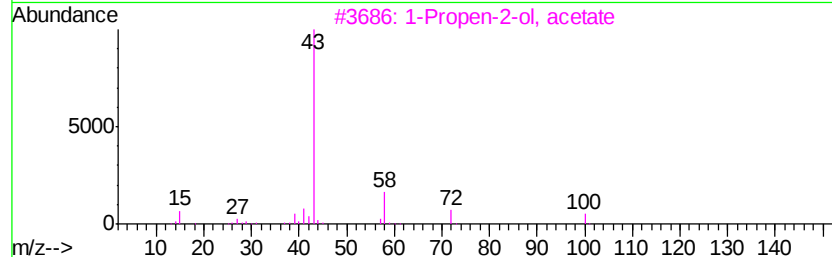
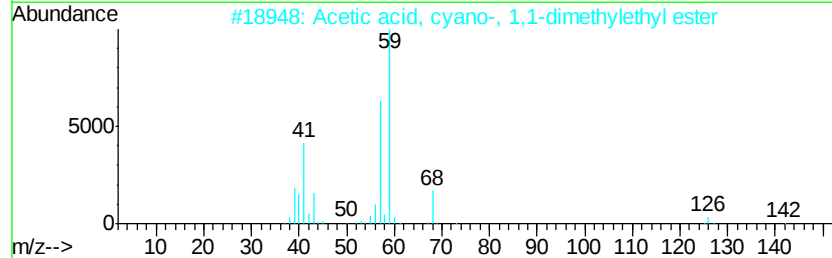
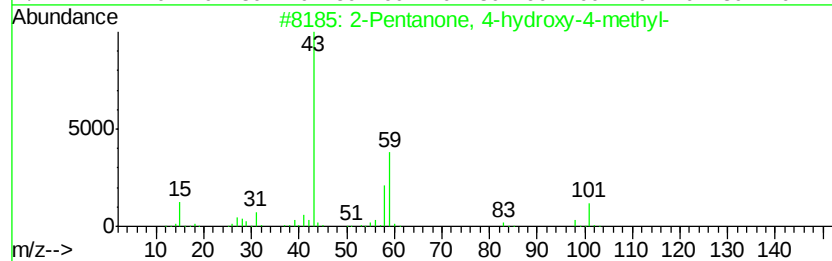
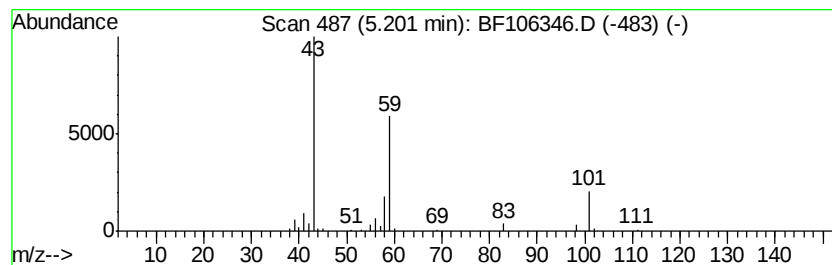
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.38 ng	174523	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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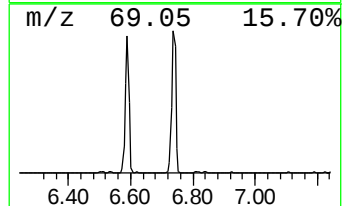
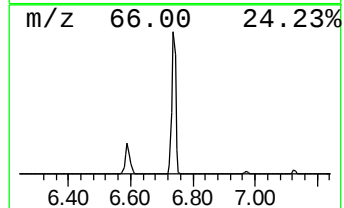
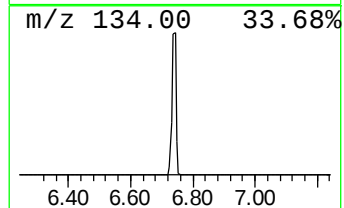
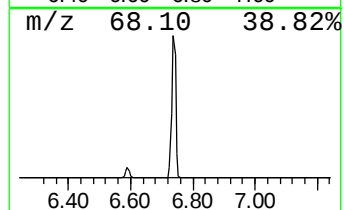
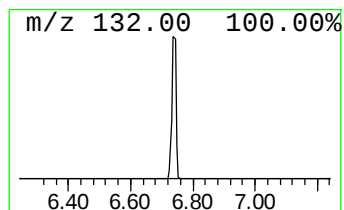
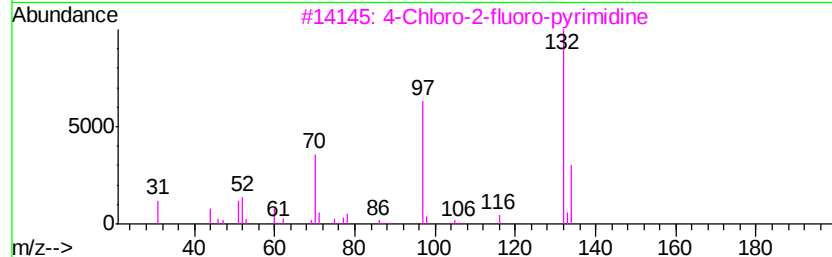
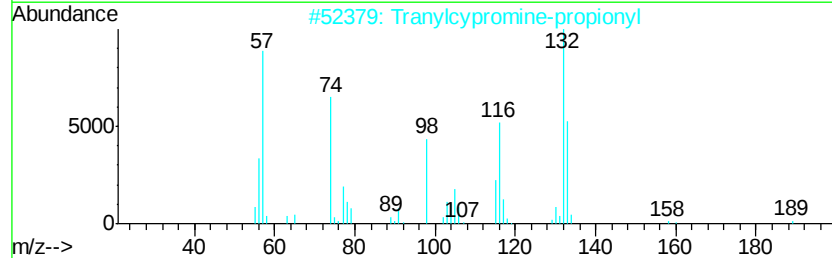
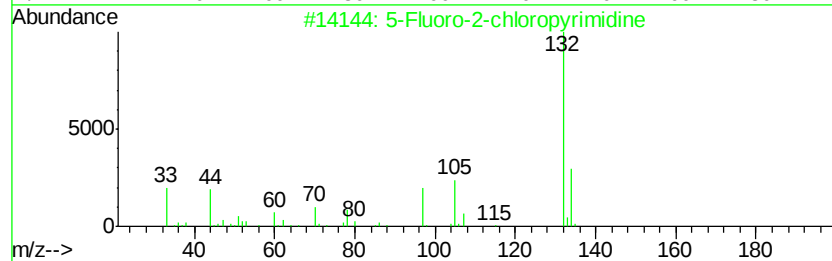
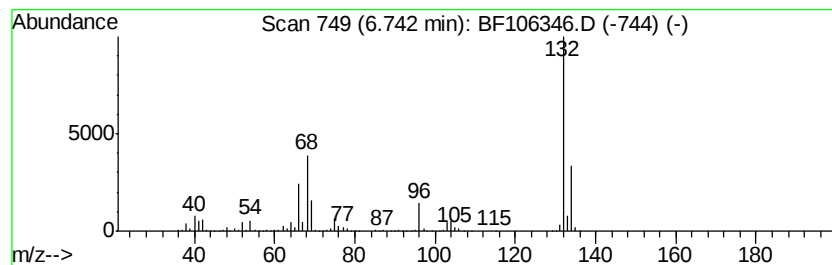
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	37.50 ng	1935830	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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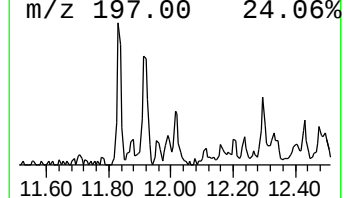
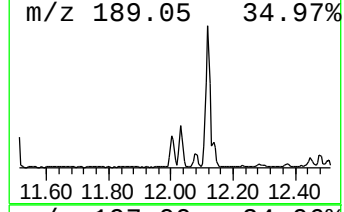
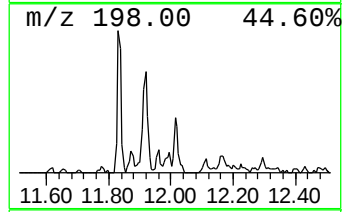
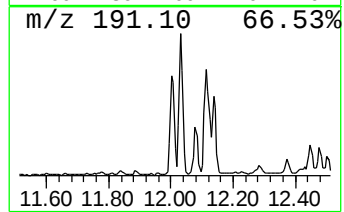
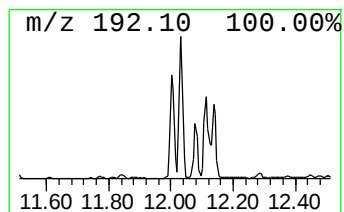
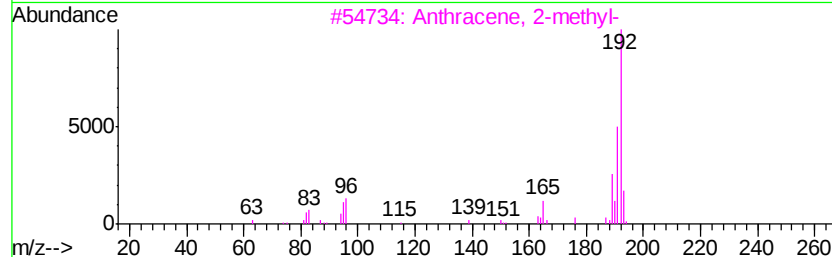
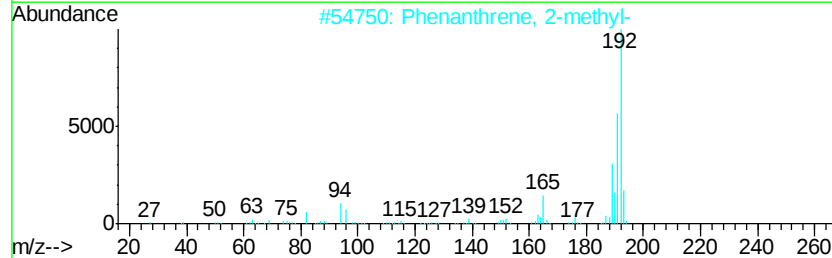
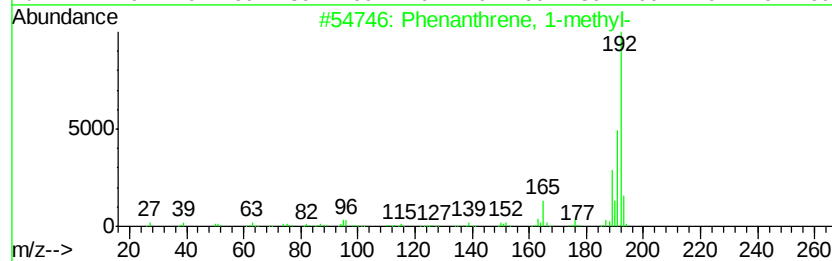
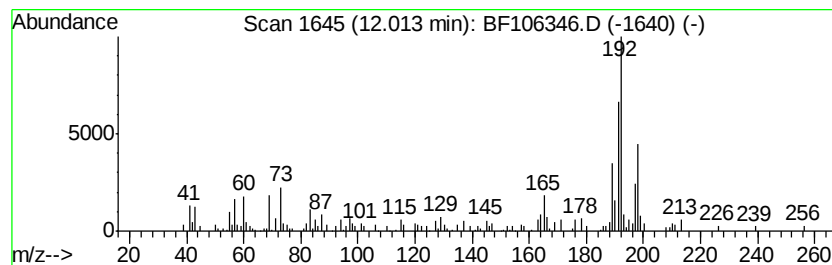
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.80 ng	188685	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



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CL-01-061118-D

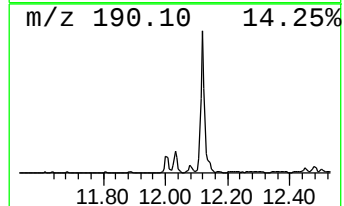
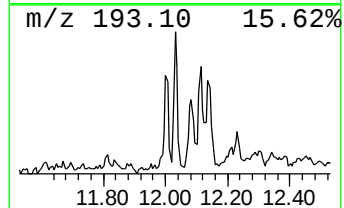
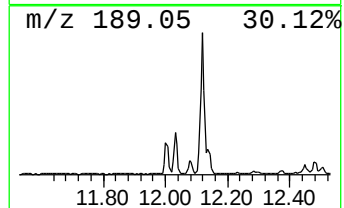
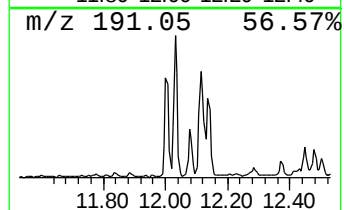
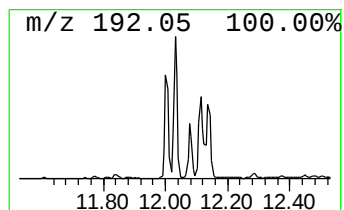
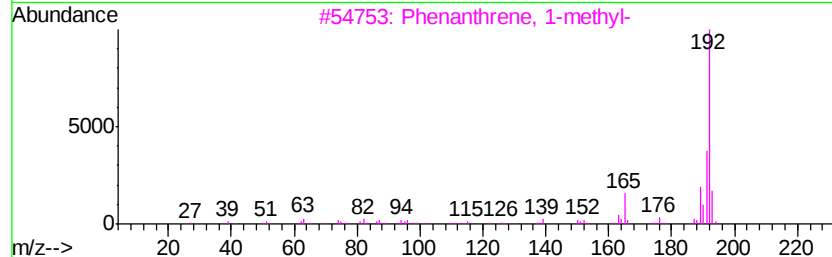
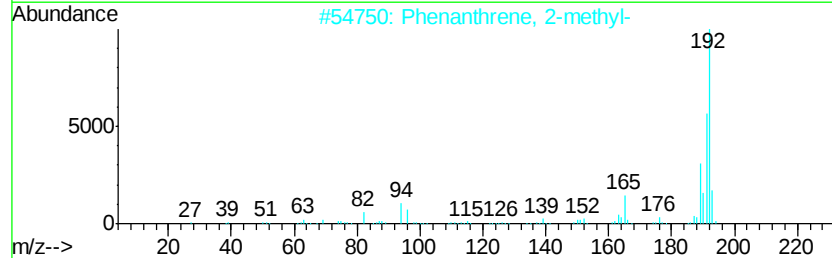
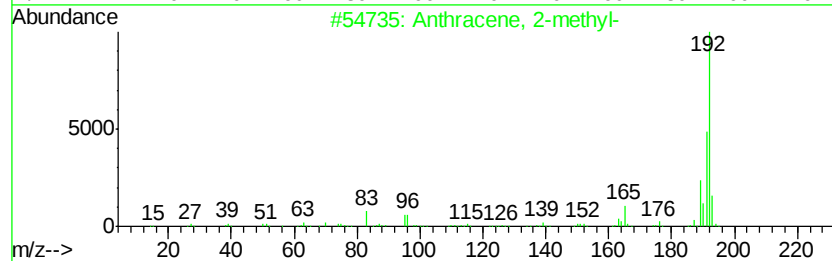
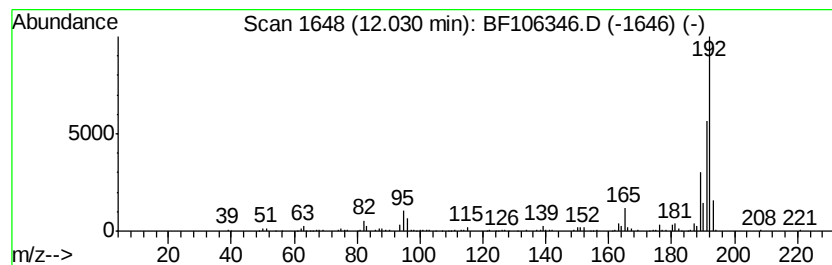
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	3.14 ng	211348	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-D

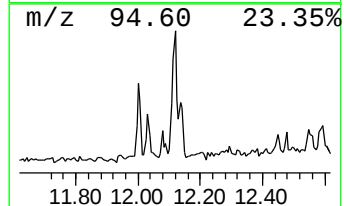
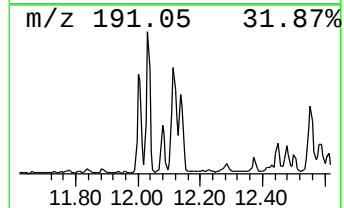
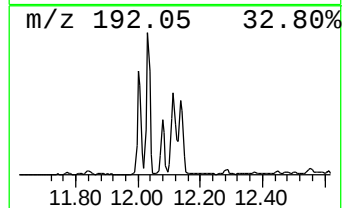
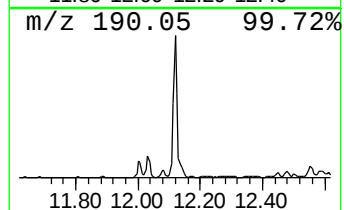
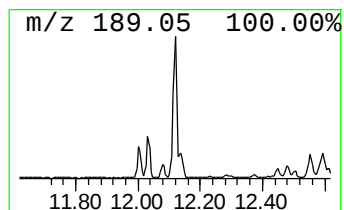
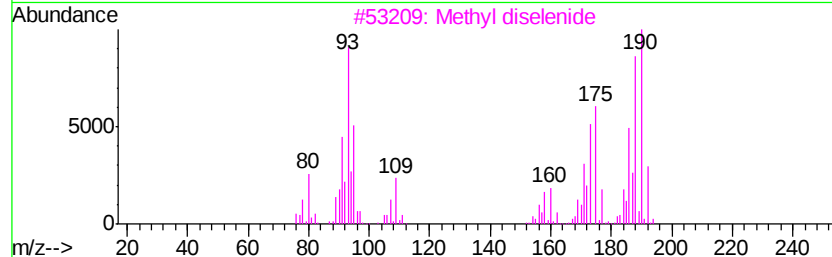
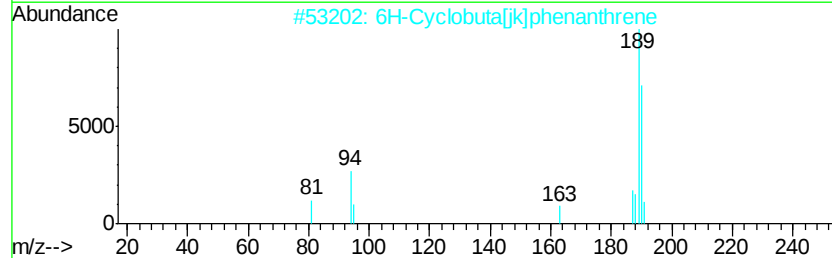
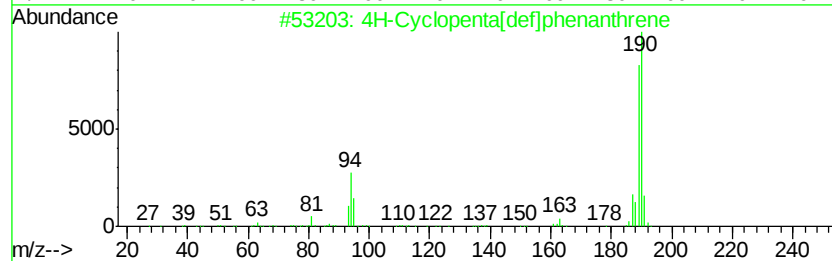
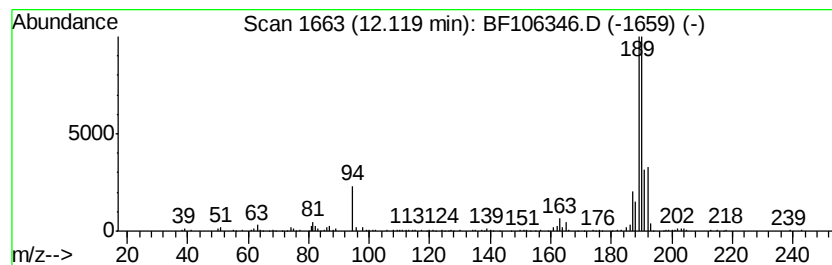
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	5.40 ng	363012	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3		Methyl diselenide	190	C2H6Se2	007101-31-7	49
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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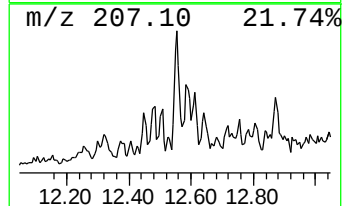
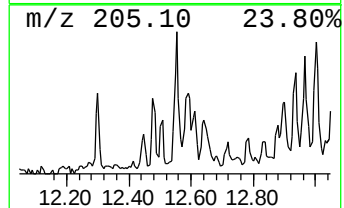
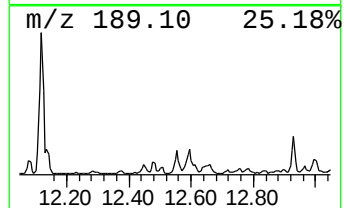
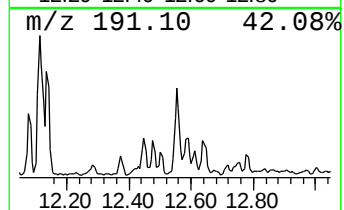
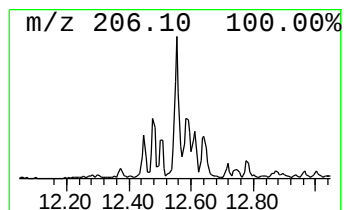
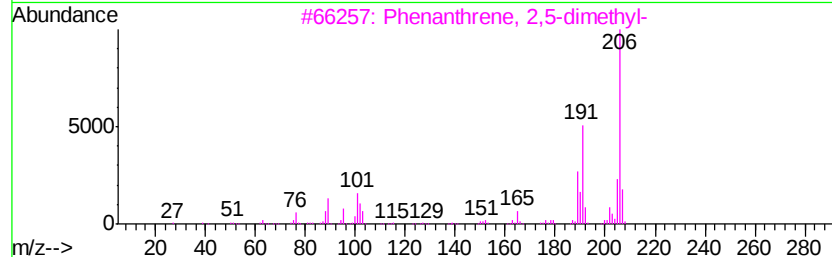
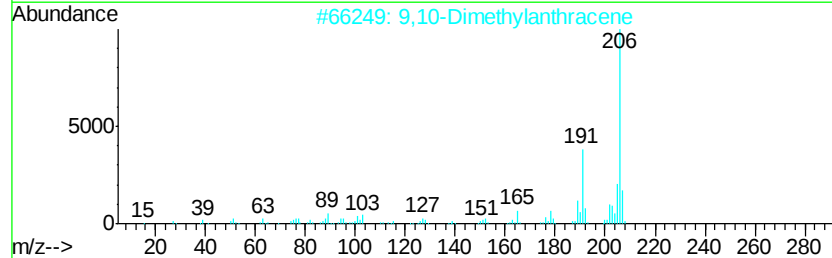
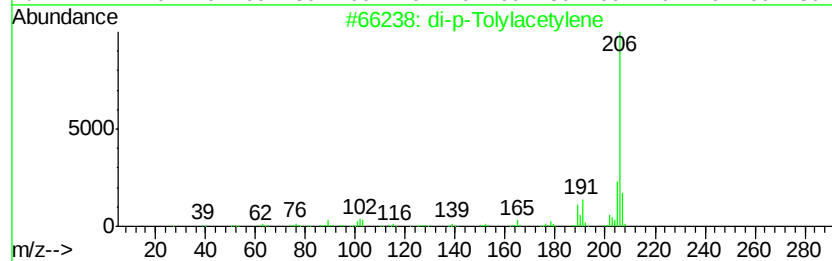
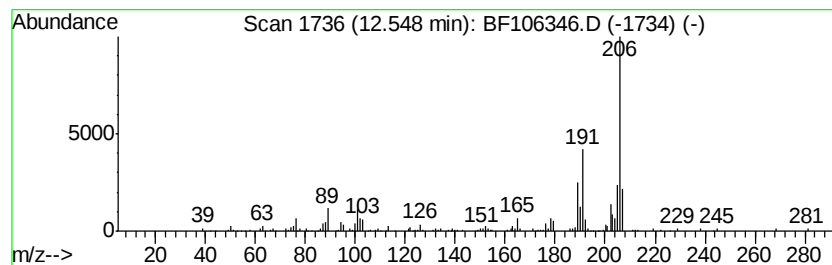
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.60 ng	174737	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-061118-D

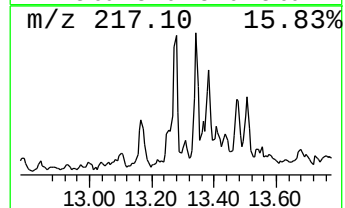
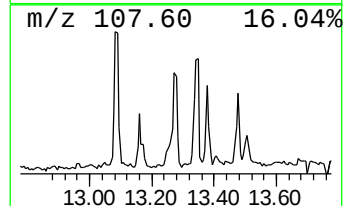
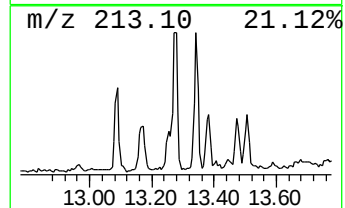
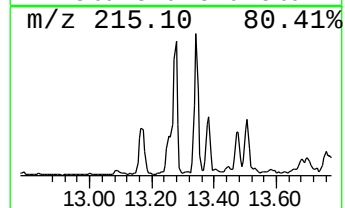
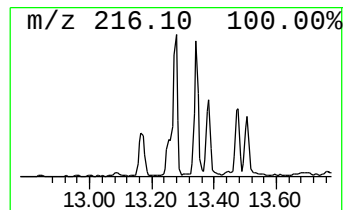
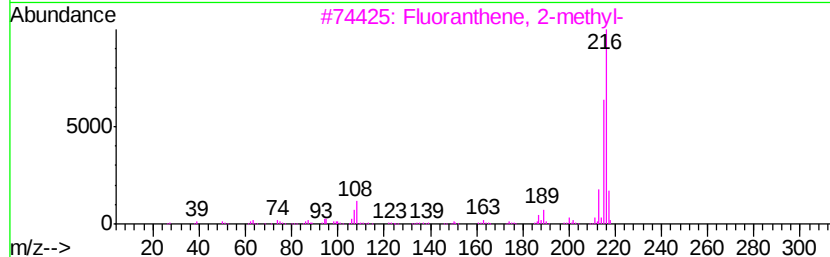
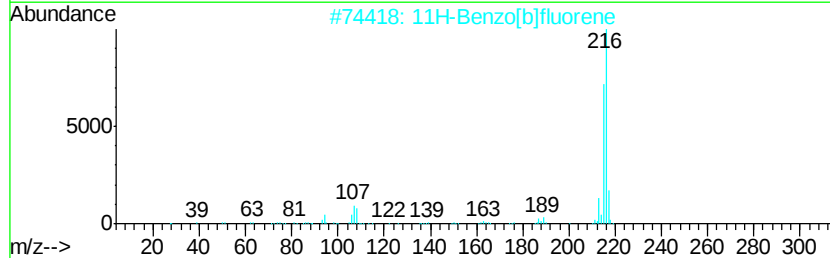
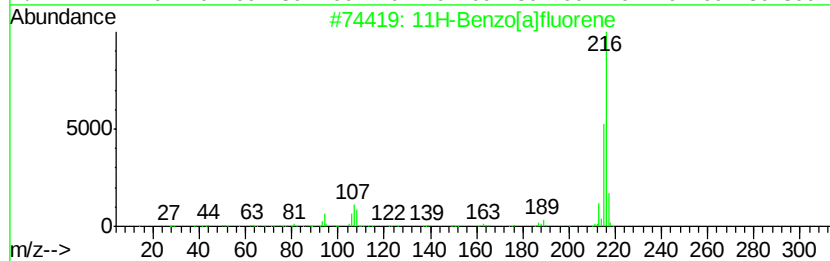
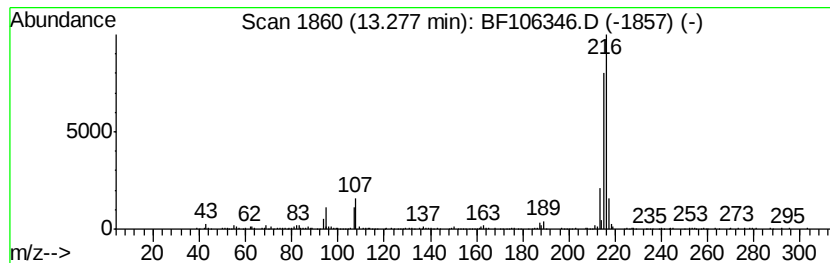
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	2.75 ng	300098	Chrysene-d12	14.16

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	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
4		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-01-061118-D

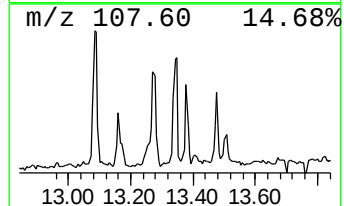
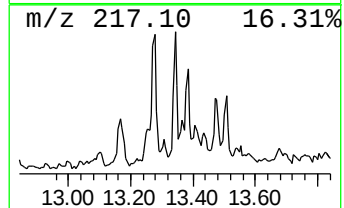
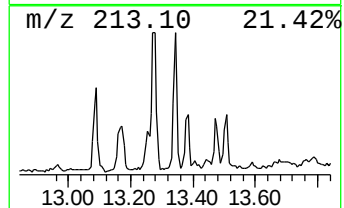
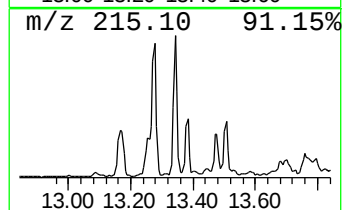
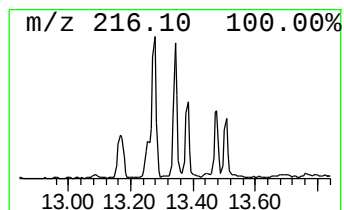
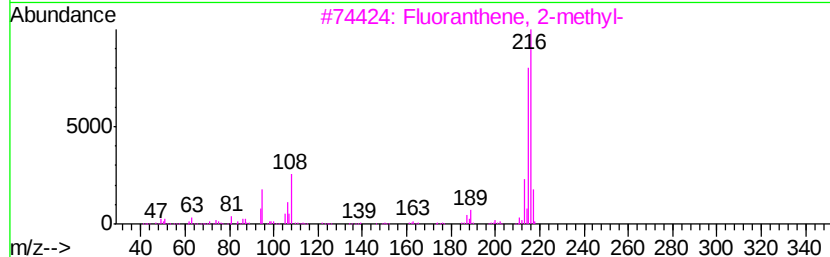
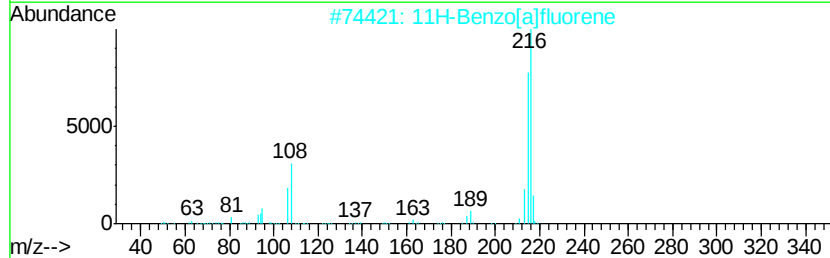
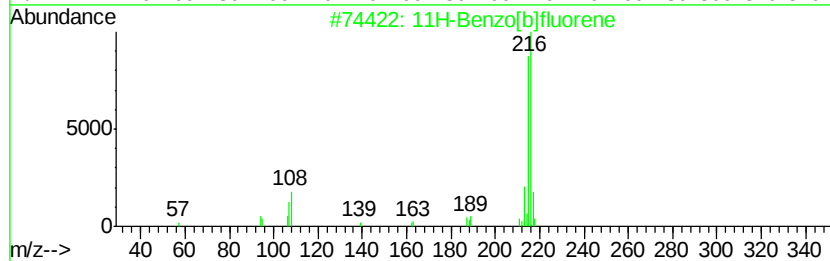
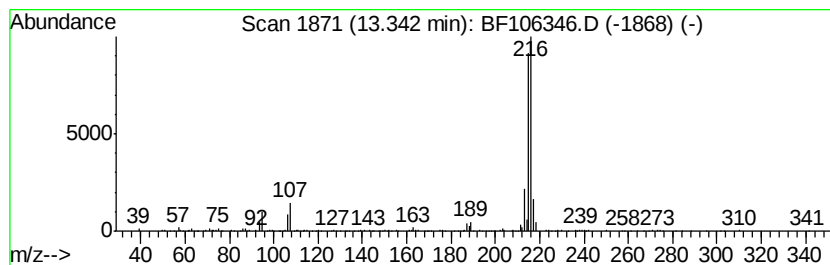
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	2.05 ng	223613	Chrysene-d12	14.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	76
5		Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
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ALS Vial : 11 Sample Multiplier: 1

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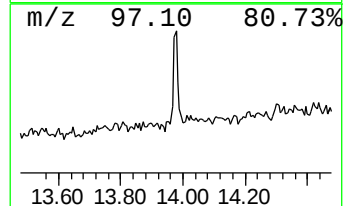
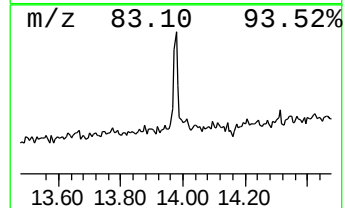
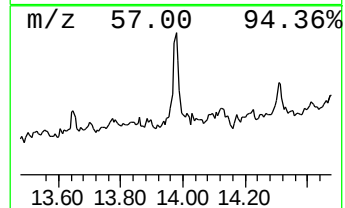
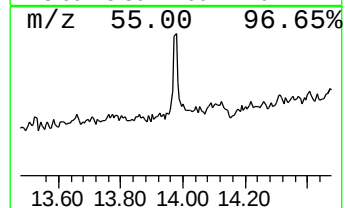
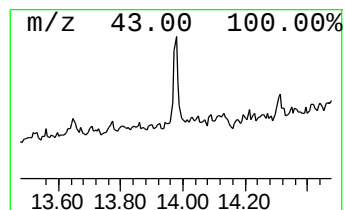
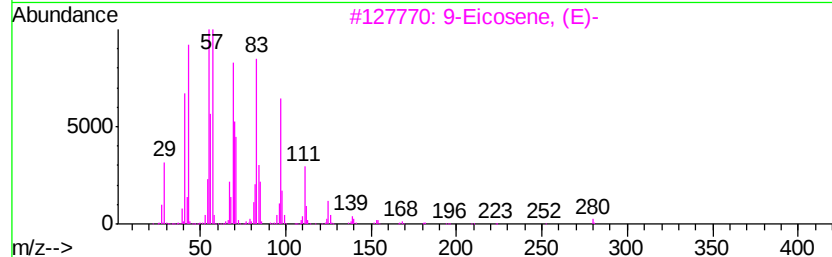
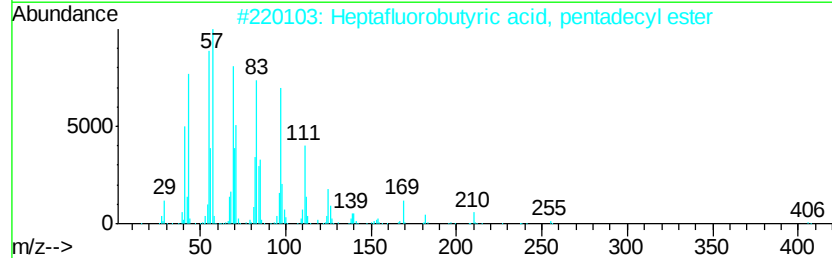
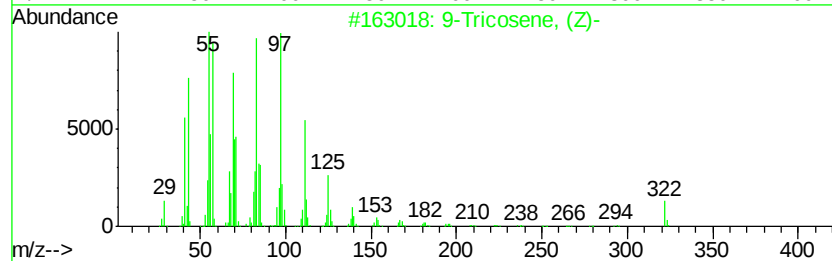
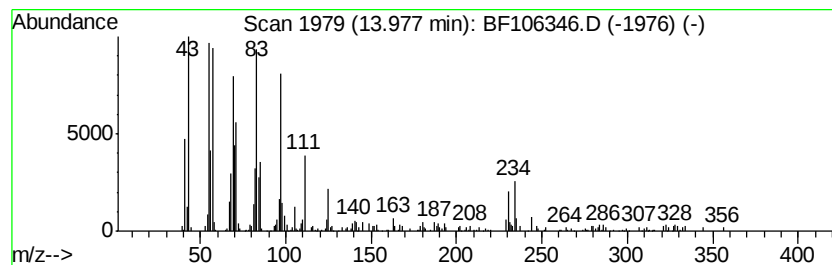
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Tricosene, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	3.02 ng	329310	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	90
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
5			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061218\
Data File : BF106346.D
Acq On : 12 Jun 2018 16:00
Operator : JU/SJ
Sample : J3245-07 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	3.4	ng	174523	1	6.97	1032500	20.0
unknown6.74	6.74	37.5	ng	1935830	1	6.97	1032500	20.0
Phenanthrene, 1-m...	12.01	2.8	ng	188685	4	11.50	1345510	20.0
Anthracene, 2-met...	12.03	3.1	ng	211348	4	11.50	1345510	20.0
4H-Cyclopenta[def...	12.12	5.4	ng	363012	4	11.50	1345510	20.0
di-p-Tolylacetylene	12.55	2.6	ng	174737	4	11.50	1345510	20.0
11H-Benzo[a]fluorene	13.28	2.8	ng	300098	5	14.16	2182690	20.0
11H-Benzo[b]fluorene	13.34	2.0	ng	223613	5	14.16	2182690	20.0
9-Tricosene, (Z)-	13.98	3.0	ng	329310	5	14.16	2182690	20.0