

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111823.D
 Acq On : 3 Jan 2019 16:16
 Operator : JU/SJ
 Sample : K1017-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

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-BF121918.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	2.240	19	26	32	rBV	165254	223638	4.19%	0.320%
2	3.463	230	234	242	rBV	75047	139132	2.60%	0.199%
3	5.128	513	517	523	rVB	251828	304433	5.70%	0.435%
4	5.539	582	587	590	rBV	5107695	4818456	90.17%	6.887%
5	6.545	753	758	762	rBV	4936352	5054515	94.59%	7.224%
6	6.681	776	781	784	rBV	4948538	4981921	93.23%	7.121%
7	6.728	786	789	794	rVB4	55580	79109	1.48%	0.113%
8	6.898	815	818	826	rVB	1698725	1560877	29.21%	2.231%
9	7.057	841	845	849	rBV	4134112	4036967	75.55%	5.770%
10	7.463	904	914	917	rBV	2764785	2733702	51.16%	3.907%
11	8.186	1031	1037	1039	rBV	1594434	1517826	28.41%	2.169%
12	8.204	1039	1040	1044	rVB	358801	220192	4.12%	0.315%
13	8.892	1155	1157	1160	rVB	171909	137494	2.57%	0.197%
14	8.992	1171	1174	1178	rBV	191795	154711	2.90%	0.221%
15	9.257	1214	1219	1222	rBV	6332370	5343470	100.00%	7.637%
16	9.339	1228	1233	1234	rBV2	94471	88782	1.66%	0.127%
17	9.357	1234	1236	1238	rVB	95509	73116	1.37%	0.105%
18	9.516	1260	1263	1269	rVB2	87857	122081	2.28%	0.174%
19	9.598	1273	1277	1279	rVV2	202502	210871	3.95%	0.301%
20	9.622	1279	1281	1282	rVV	133331	99167	1.86%	0.142%
21	9.645	1282	1285	1290	rVV	821458	707194	13.23%	1.011%
22	9.716	1294	1297	1305	rVB	89268	136629	2.56%	0.195%
23	9.798	1308	1311	1315	rVV	116104	102619	1.92%	0.147%
24	9.869	1318	1323	1325	rVB	81069	85306	1.60%	0.122%
25	9.939	1328	1335	1338	rBV	2378835	2068845	38.72%	2.957%
26	9.969	1338	1340	1343	rVB	434352	345338	6.46%	0.494%
27	10.045	1349	1353	1357	rBV2	51833	80127	1.50%	0.115%
28	10.092	1357	1361	1365	rVV2	67025	87178	1.63%	0.125%
29	10.139	1365	1369	1373	rBV	329322	295981	5.54%	0.423%
30	10.180	1373	1376	1381	rVB2	93940	98762	1.85%	0.141%
31	10.257	1385	1389	1391	rBV	86334	97838	1.83%	0.140%
32	10.345	1400	1404	1406	rBV5	72677	94779	1.77%	0.135%
33	10.486	1424	1428	1433	rVB2	287963	289824	5.42%	0.414%
34	10.551	1433	1439	1441	rBV2	56786	79932	1.50%	0.114%

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Integration Parameters: rteint.p
 Integrator: RTE
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.639	1452	1454	1459	rVB	94322	85708	1.60%	0.123%
36	10.727	1464	1469	1472	rBV	2925078	2570344	48.10%	3.674%
37	10.851	1485	1490	1496	rVB4	162886	243438	4.56%	0.348%
38	11.033	1515	1521	1523	rBV3	92290	120195	2.25%	0.172%
39	11.163	1538	1543	1545	rBV3	67563	91211	1.71%	0.130%
40	11.227	1551	1554	1558	rVB2	109079	105206	1.97%	0.150%
41	11.286	1558	1564	1567	rVV3	123387	189162	3.54%	0.270%
42	11.321	1567	1570	1575	rVB	163167	168690	3.16%	0.241%
43	11.427	1584	1588	1590	rBV	1426393	1453769	27.21%	2.078%
44	11.451	1590	1592	1595	rVV	2200490	1611549	30.16%	2.303%
45	11.498	1597	1600	1603	rVB	522902	409324	7.66%	0.585%
46	11.533	1603	1606	1609	rBV2	76465	93577	1.75%	0.134%
47	11.651	1621	1626	1628	rBV2	137115	153009	2.86%	0.219%
48	11.716	1634	1637	1640	rVB	126251	111361	2.08%	0.159%
49	11.927	1669	1673	1675	rBV	313940	287909	5.39%	0.412%
50	11.951	1675	1677	1680	rVV	454404	428199	8.01%	0.612%
51	11.998	1682	1685	1688	rVV	134680	129889	2.43%	0.186%
52	12.039	1688	1692	1694	rVV2	486731	507751	9.50%	0.726%
53	12.063	1694	1696	1699	rVB	229321	189684	3.55%	0.271%
54	12.121	1701	1706	1710	rBV3	76936	101950	1.91%	0.146%
55	12.221	1720	1723	1725	rBV	217904	180491	3.38%	0.258%
56	12.239	1725	1726	1731	rVB3	128250	110592	2.07%	0.158%
57	12.374	1746	1749	1751	rVB	108941	90378	1.69%	0.129%
58	12.404	1751	1754	1756	rBV	83132	68874	1.29%	0.098%
59	12.480	1763	1767	1770	rBV	213994	218123	4.08%	0.312%
60	12.515	1770	1773	1776	rVV3	141686	216122	4.04%	0.309%
61	12.563	1779	1781	1786	rVV2	129580	144103	2.70%	0.206%
62	12.645	1791	1795	1798	rBV	2466163	2090253	39.12%	2.988%
63	12.680	1798	1801	1803	rBV	100189	94843	1.77%	0.136%
64	12.762	1812	1815	1818	rBV5	50477	70941	1.33%	0.101%
65	12.868	1827	1833	1839	rBV	2087451	2421190	45.31%	3.461%
66	12.915	1839	1841	1846	rVB2	103165	128279	2.40%	0.183%
67	13.010	1853	1857	1864	rVB	2962463	2757384	51.60%	3.941%
68	13.092	1865	1871	1873	rBV2	280810	470151	8.80%	0.672%
69	13.145	1877	1880	1881	rVV3	84437	88114	1.65%	0.126%
70	13.174	1882	1885	1886	rVV2	209113	244139	4.57%	0.349%
71	13.192	1886	1888	1891	rVB	436140	445348	8.33%	0.637%

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

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72	13.262	1897	1900	1902	rBV	339568	279761	5.24%	0.400%
73	13.298	1902	1906	1909	rBV2	338370	365200	6.83%	0.522%
74	13.392	1919	1922	1925	rBV	198413	144518	2.70%	0.207%
75	13.421	1925	1927	1929	rBV	205104	202693	3.79%	0.290%
76	13.580	1951	1954	1955	rBV2	117997	122945	2.30%	0.176%
77	13.698	1972	1974	1979	rVB	221941	262613	4.91%	0.375%
78	13.815	1990	1994	1996	rBV2	216785	287559	5.38%	0.411%
79	13.845	1996	1999	2001	rVV	262209	246436	4.61%	0.352%
80	13.868	2001	2003	2006	rVV2	244951	290880	5.44%	0.416%
81	13.904	2006	2009	2016	rVB2	492561	579978	10.85%	0.829%
82	14.062	2029	2036	2039	rBV2	2393674	3537996	66.21%	5.057%
83	14.092	2039	2041	2047	rVB	1604840	1395873	26.12%	1.995%
84	14.174	2052	2055	2058	rVV	226519	182218	3.41%	0.260%
85	14.286	2071	2074	2078	rBV2	134534	180962	3.39%	0.259%
86	14.415	2094	2096	2098	rBV2	103941	87210	1.63%	0.125%
87	14.451	2100	2102	2105	rVV	313394	328684	6.15%	0.470%
88	14.486	2106	2108	2111	rVV	190685	170603	3.19%	0.244%
89	14.533	2113	2116	2122	rVV4	230313	434882	8.14%	0.622%
90	14.580	2122	2124	2126	rVV	206219	203748	3.81%	0.291%
91	14.604	2126	2128	2131	rVB2	204791	170775	3.20%	0.244%
92	14.845	2167	2169	2172	rVB2	173942	152963	2.86%	0.219%
93	15.121	2211	2216	2224	rBV	816506	1613484	30.20%	2.306%
94	15.192	2225	2228	2231	rVV2	137741	180337	3.37%	0.258%
95	15.227	2232	2234	2238	rVB	168196	173439	3.25%	0.248%
96	15.427	2265	2268	2274	rVB	452930	606617	11.35%	0.867%
97	15.492	2275	2279	2285	rBV	622044	772682	14.46%	1.104%
98	15.556	2286	2290	2293	rBV	574281	766409	14.34%	1.095%
99	17.050	2539	2544	2555	rVB2	233626	485155	9.08%	0.693%
100	17.509	2617	2622	2633	rVB	175369	376117	7.04%	0.538%

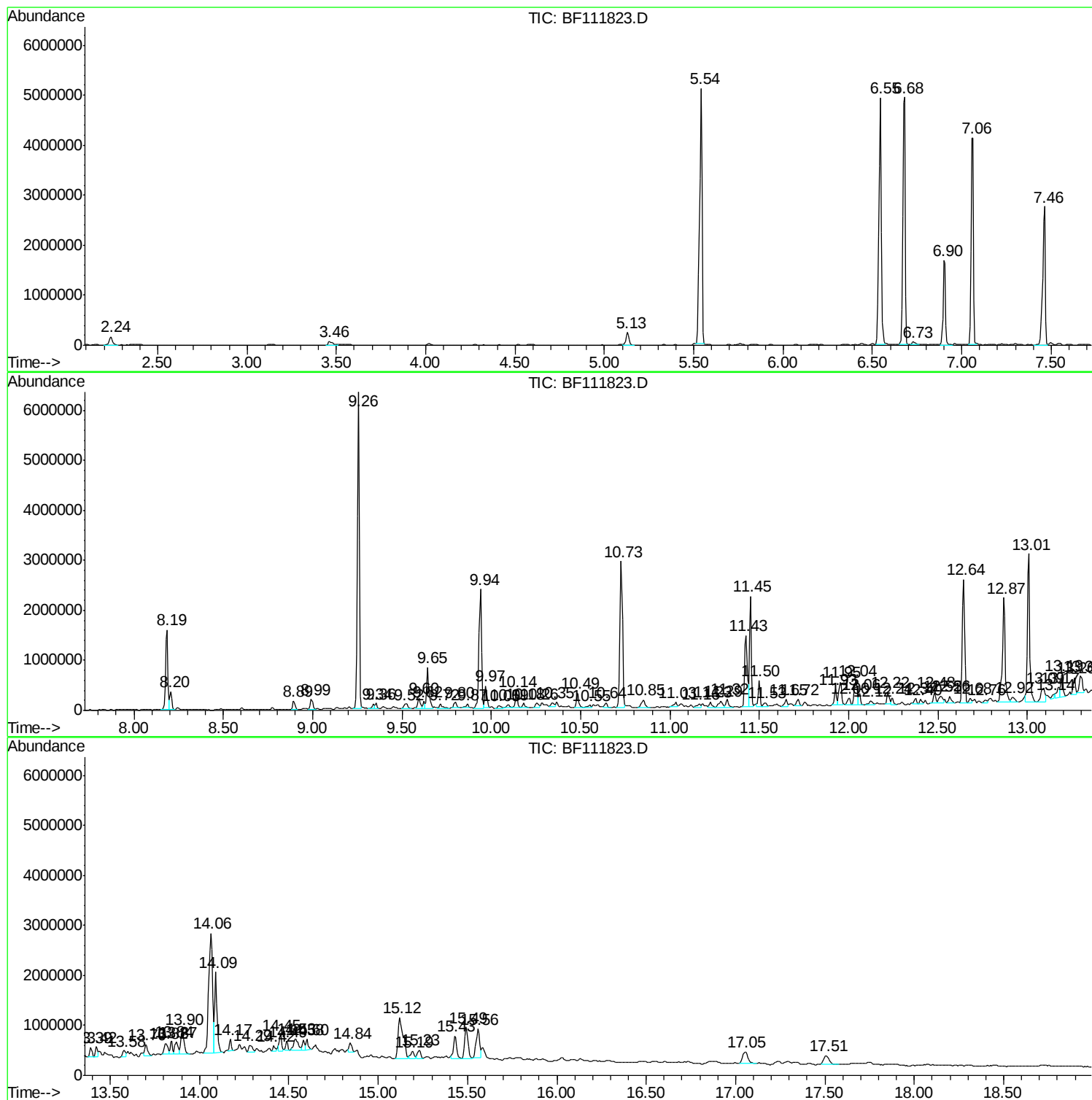
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Instrument :
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ClientSampled :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.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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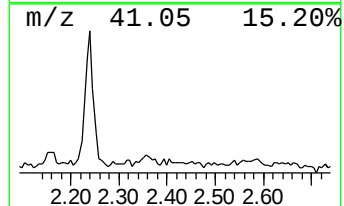
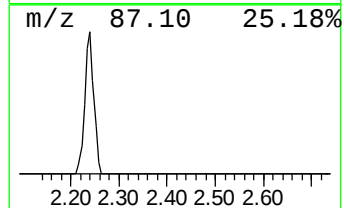
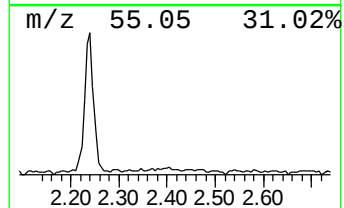
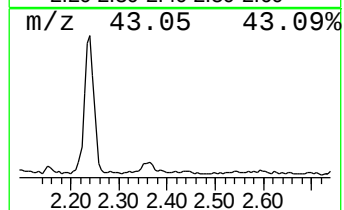
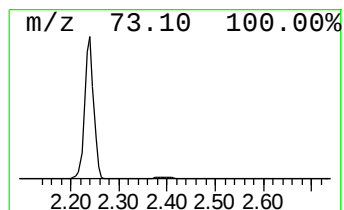
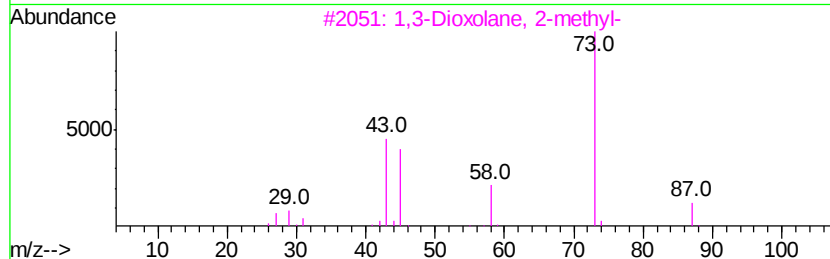
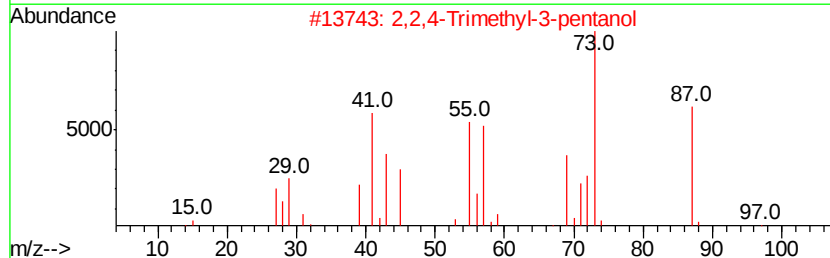
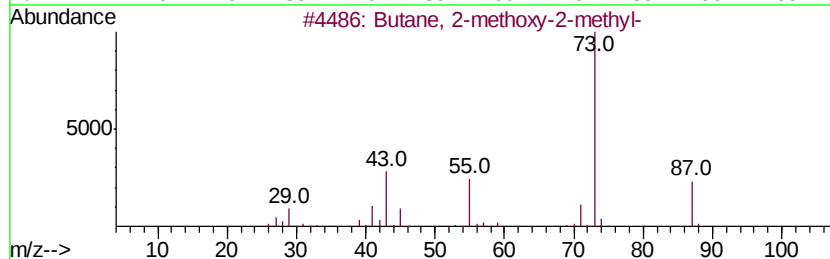
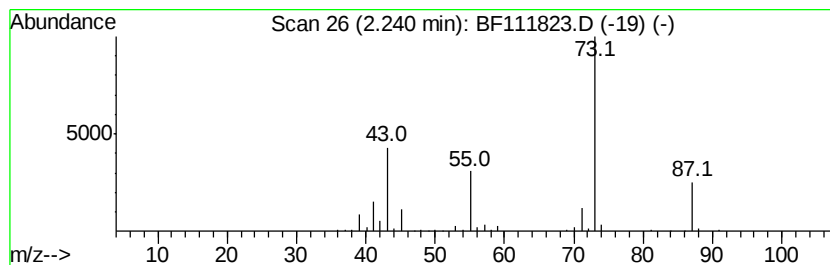
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	2.87 ng	223638	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5		Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10



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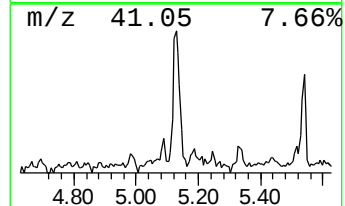
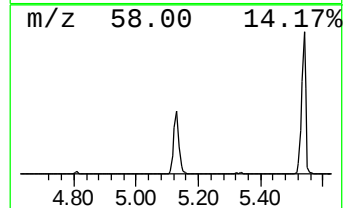
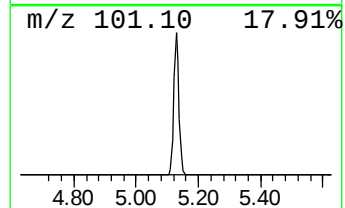
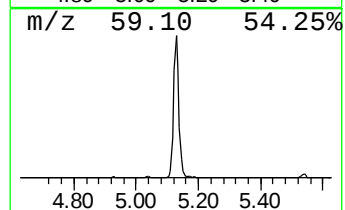
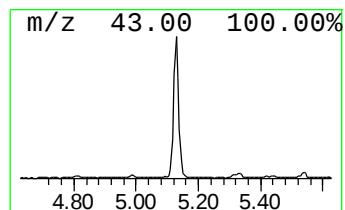
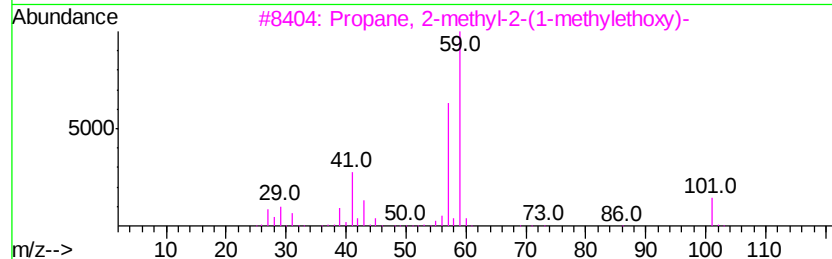
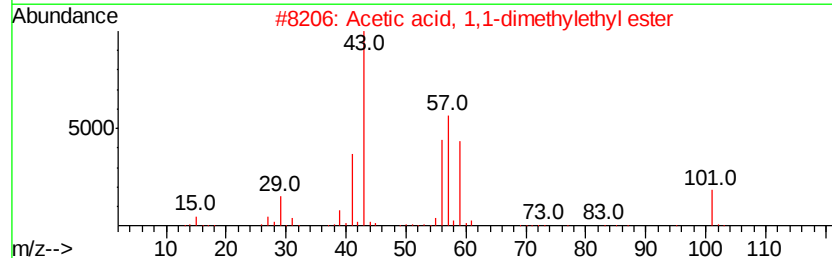
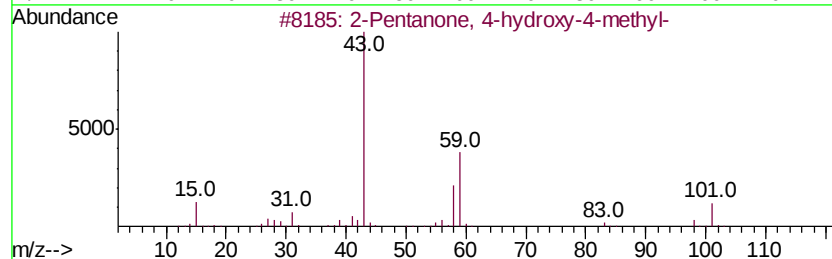
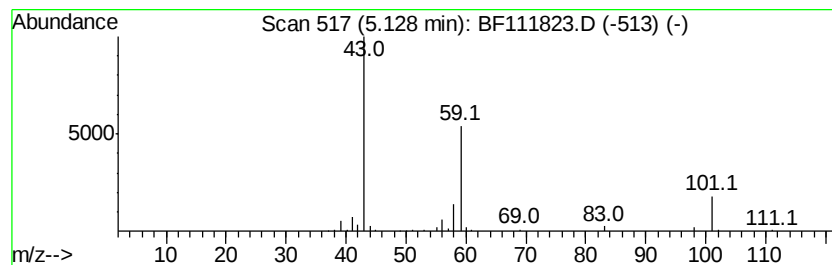
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.90 ng	304433	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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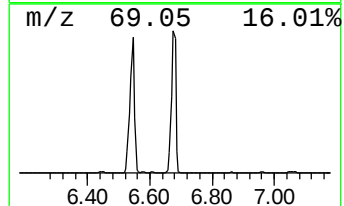
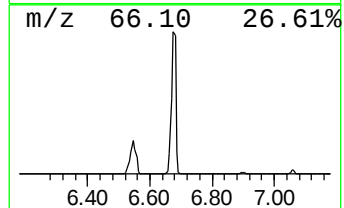
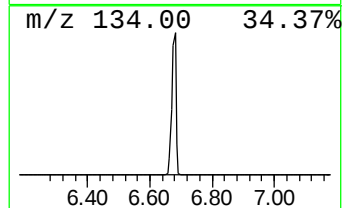
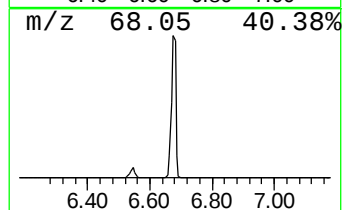
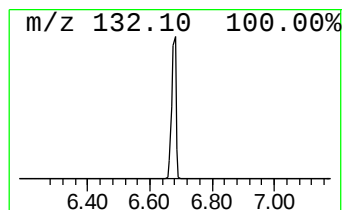
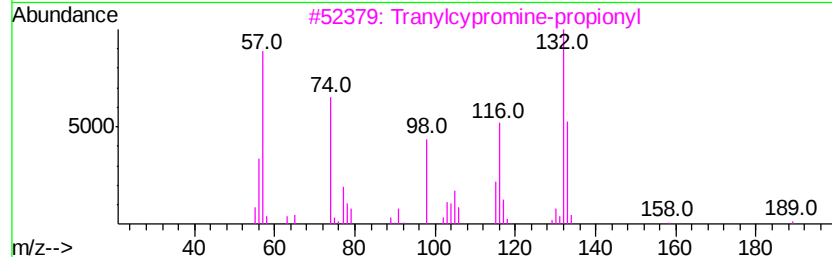
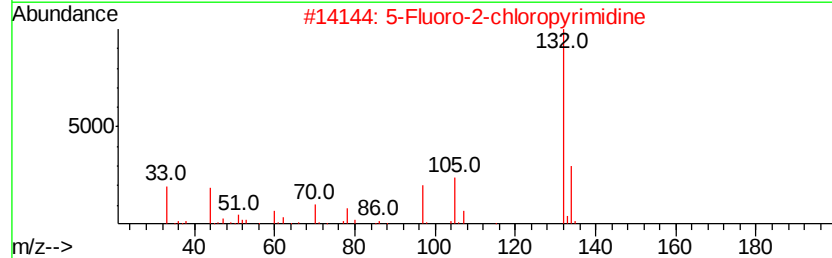
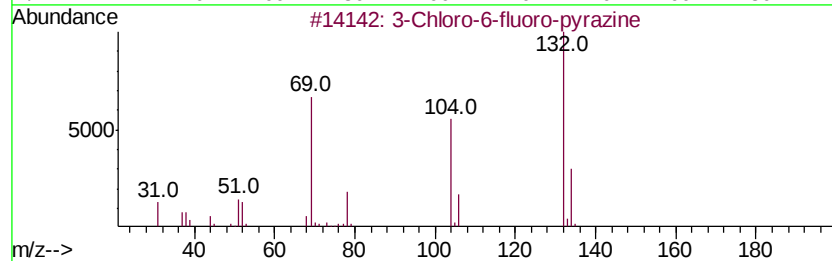
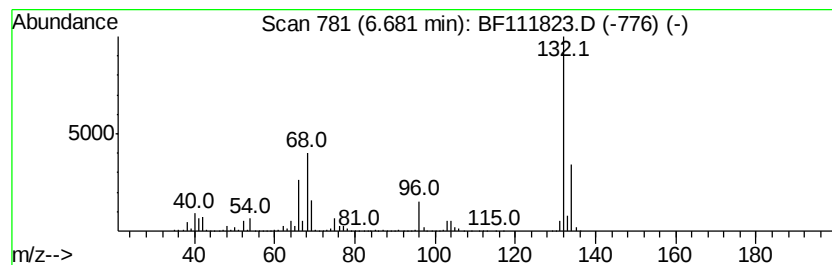
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	63.83 ng	4981920	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF11823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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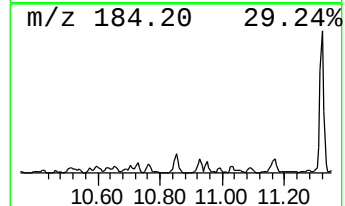
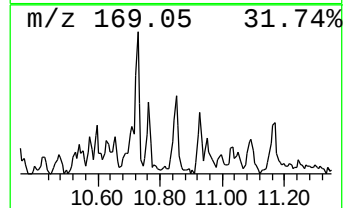
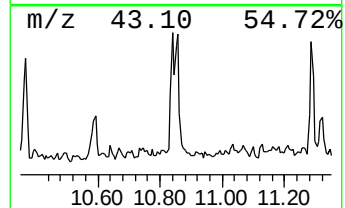
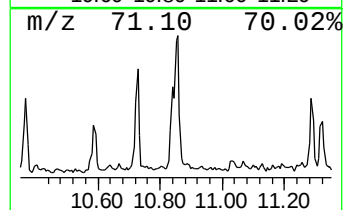
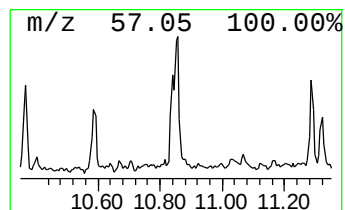
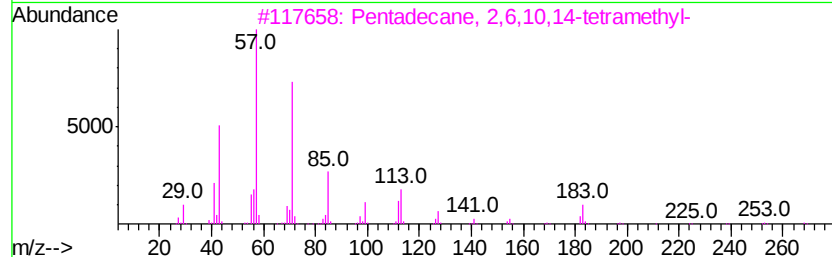
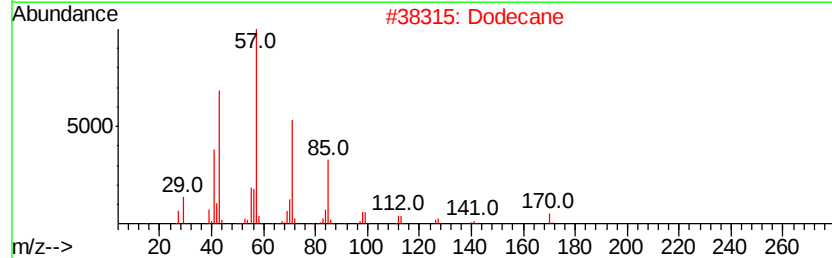
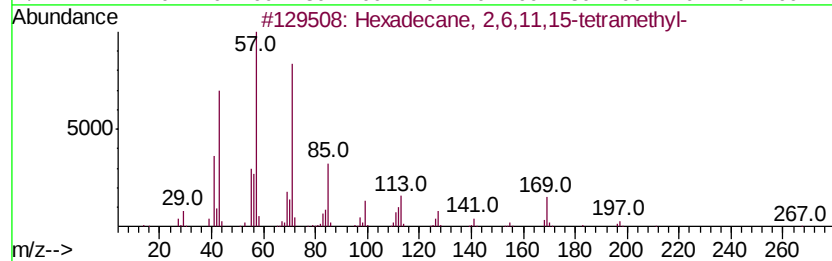
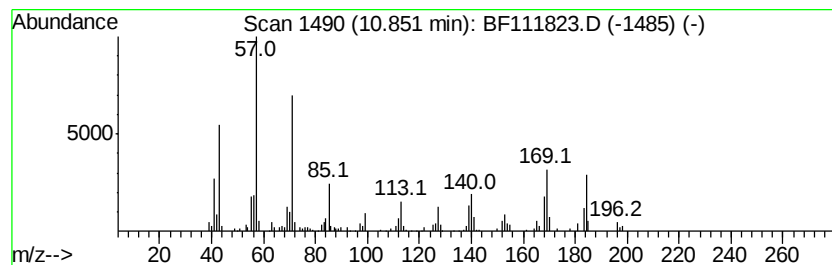
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.85 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	3.35 ng	243438	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	41
2		Dodecane	170	C12H26	000112-40-3	38
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	38
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

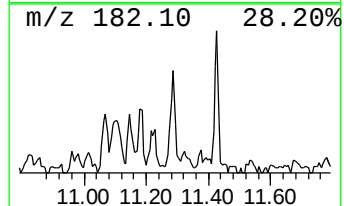
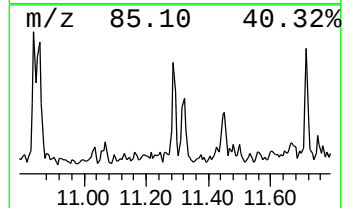
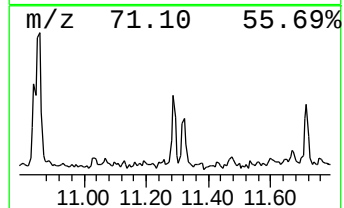
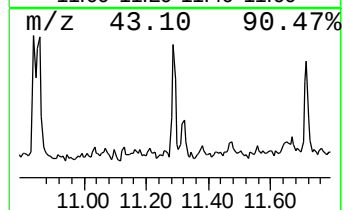
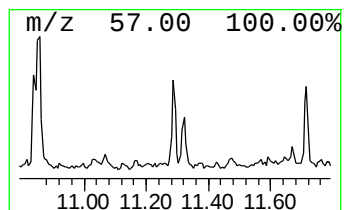
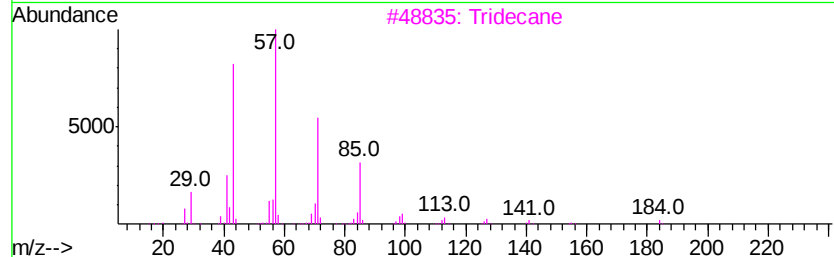
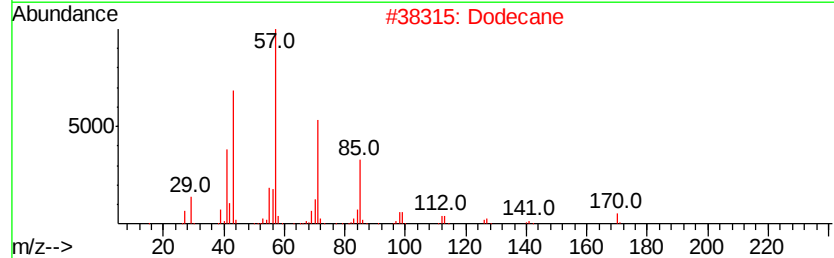
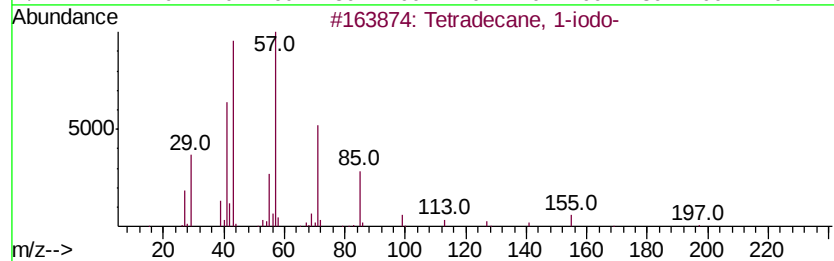
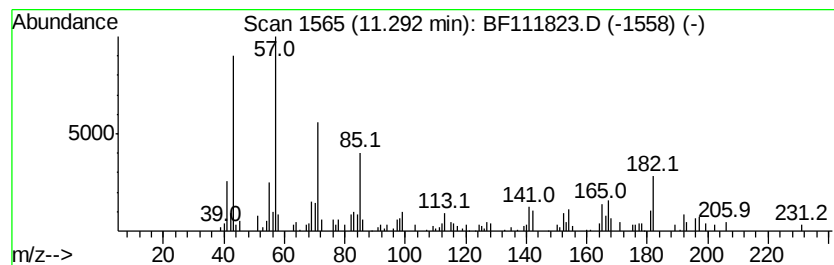
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	2.60 ng	189162	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	18
2	Dodecane	170	C12H26	000112-40-3	18
3	Tridecane	184	C13H28	000629-50-5	18
4	Tetradecane	198	C14H30	000629-59-4	18
5	Hexadecane	226	C16H34	000544-76-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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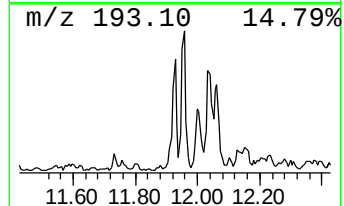
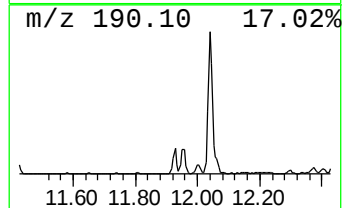
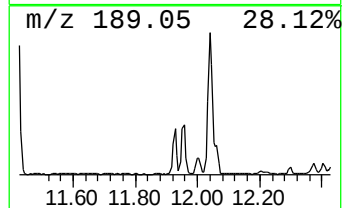
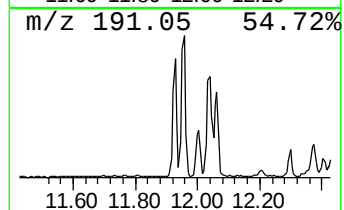
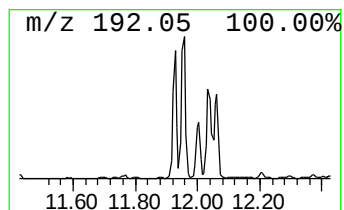
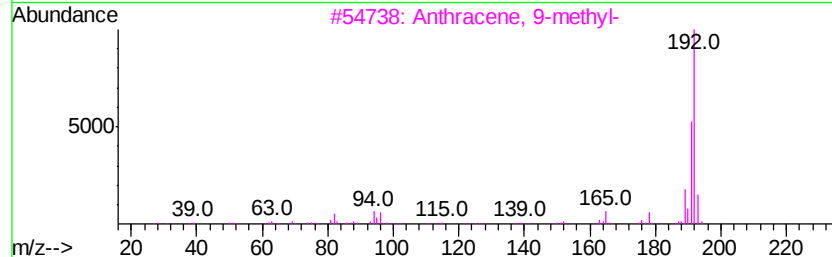
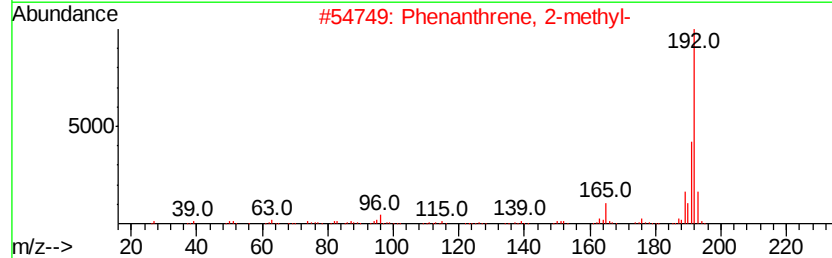
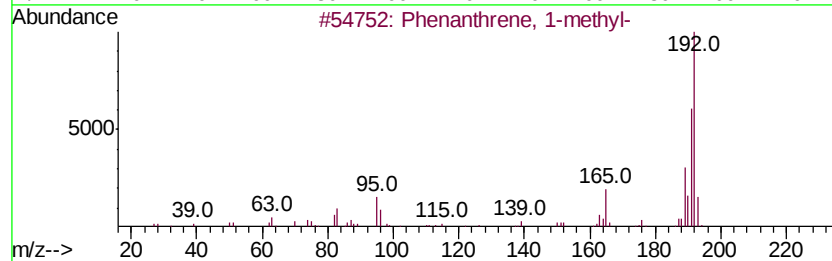
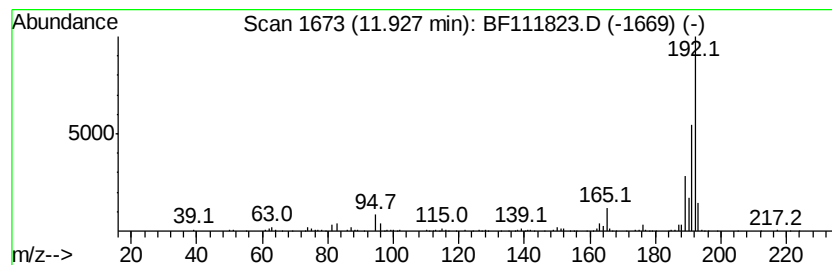
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.96 ng	287909	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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Sample : K1017-01
Misc :
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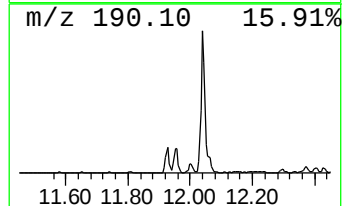
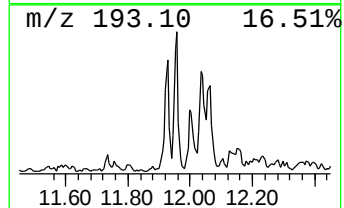
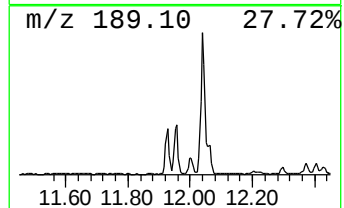
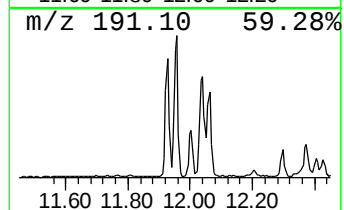
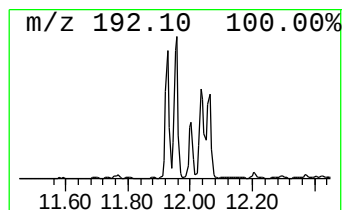
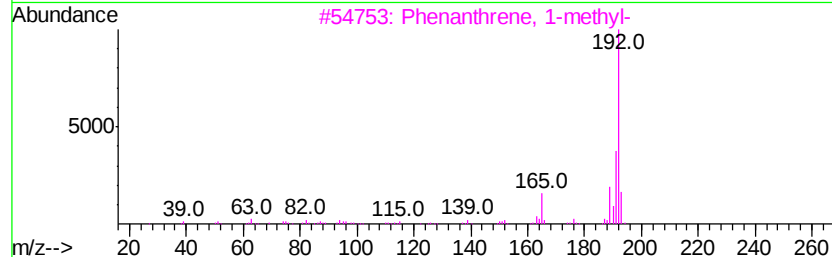
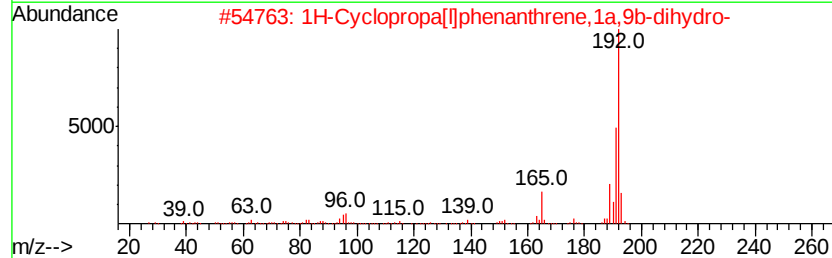
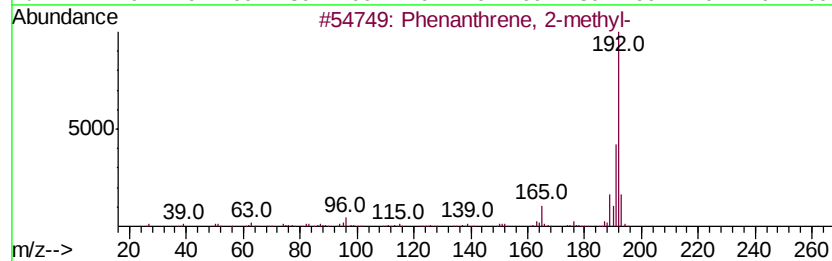
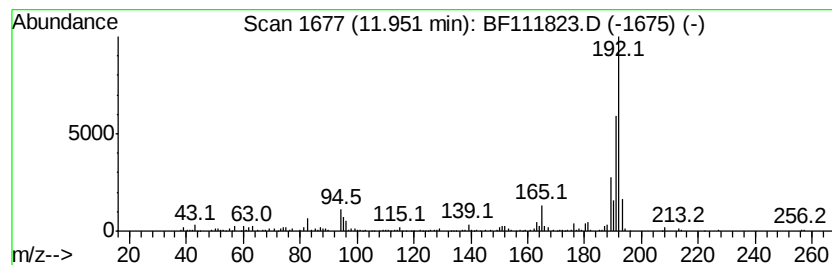
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	5.89 ng	428199	Phenanthrene-d10	11.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
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Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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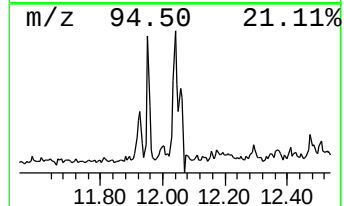
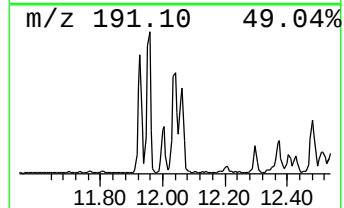
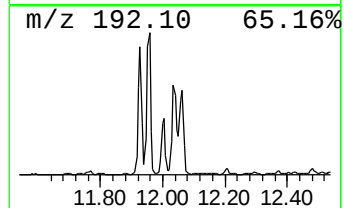
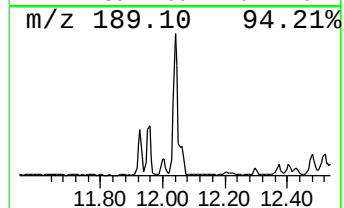
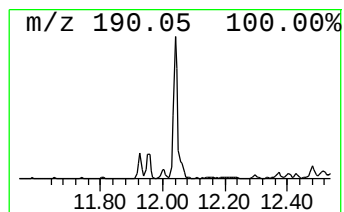
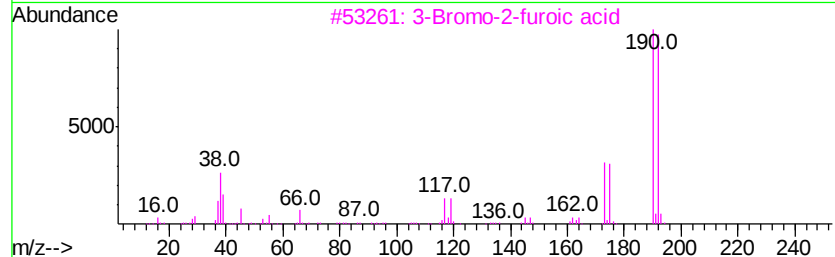
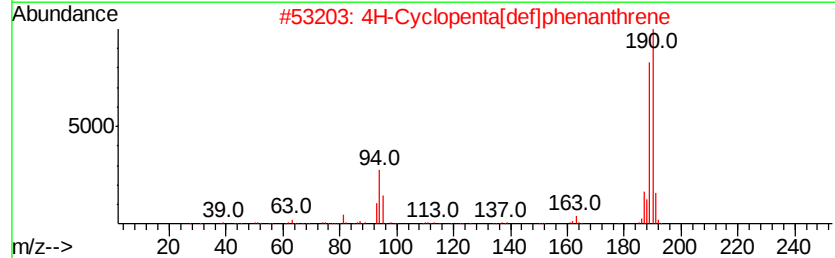
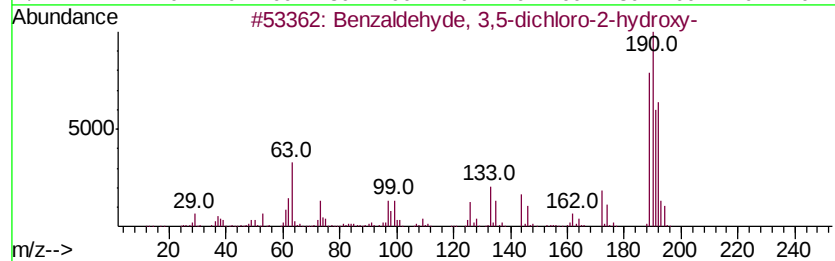
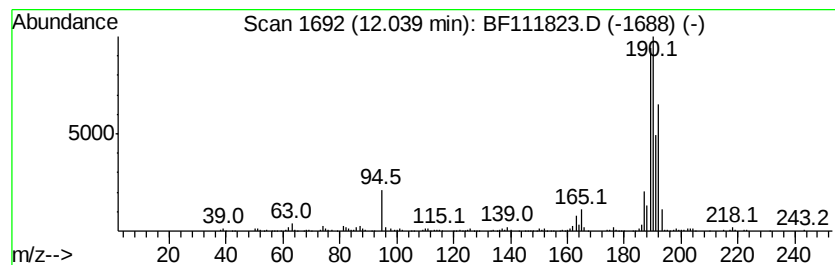
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.99 ng	507751	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
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Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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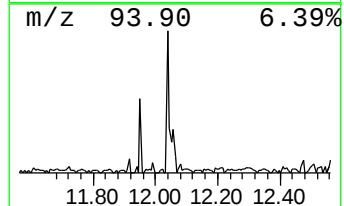
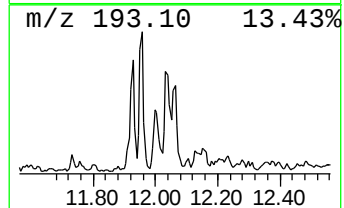
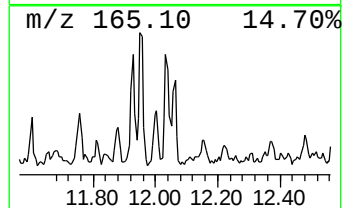
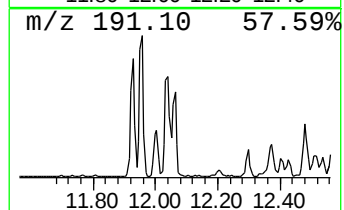
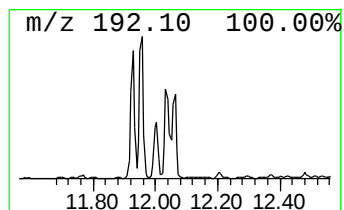
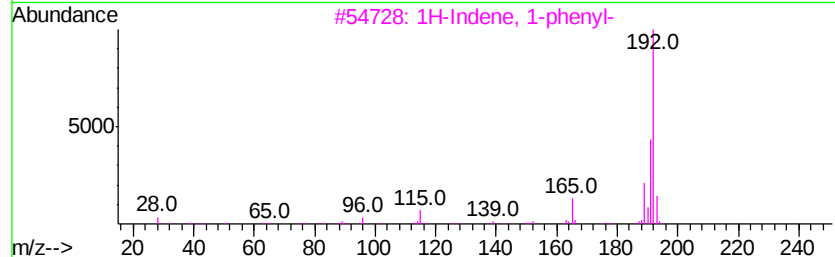
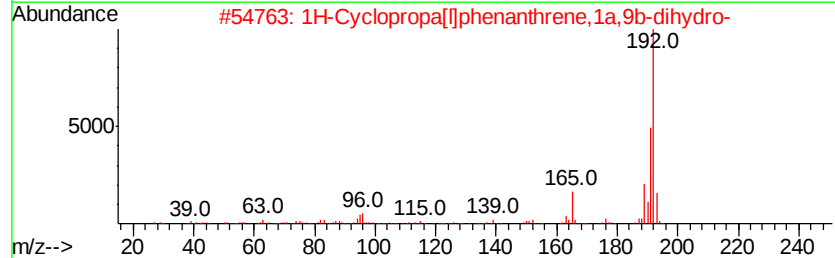
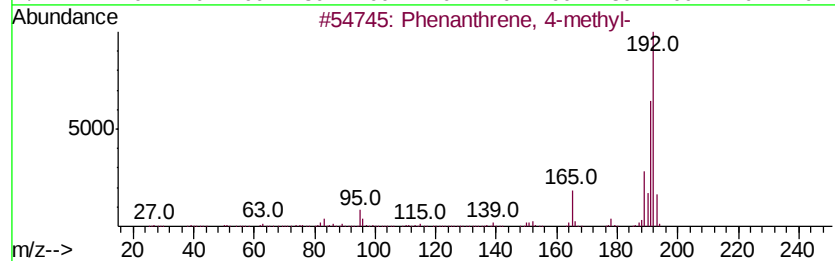
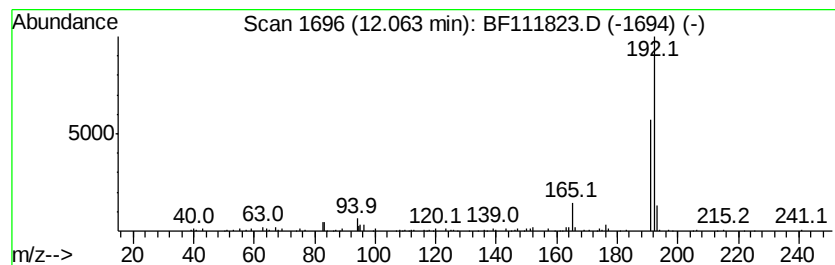
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.61 ng	189684	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
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Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

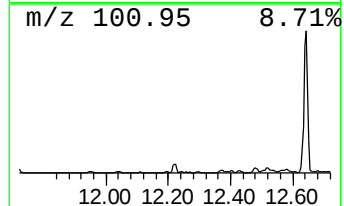
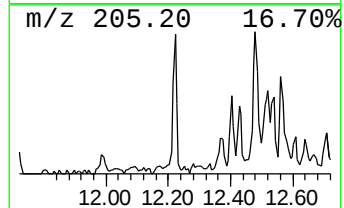
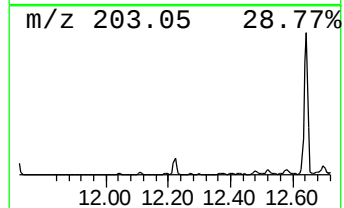
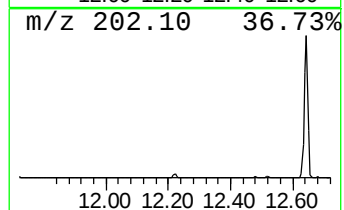
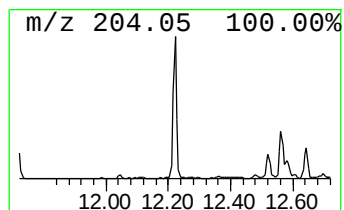
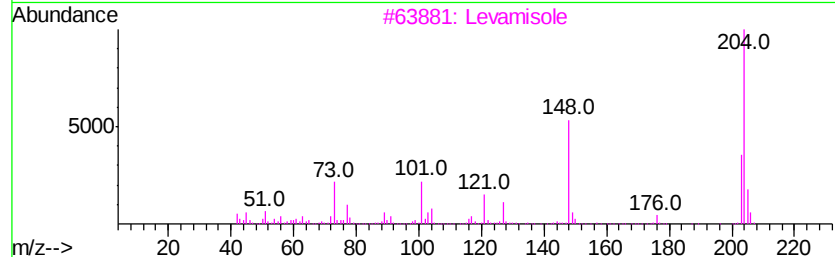
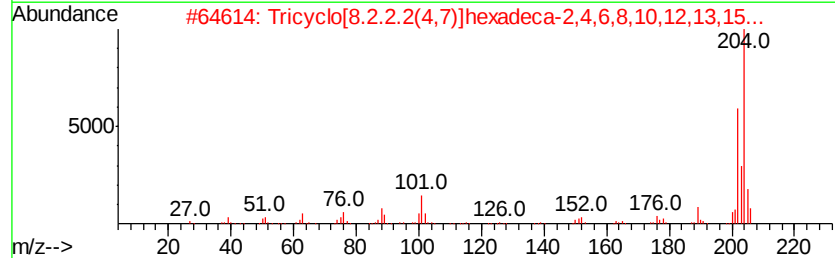
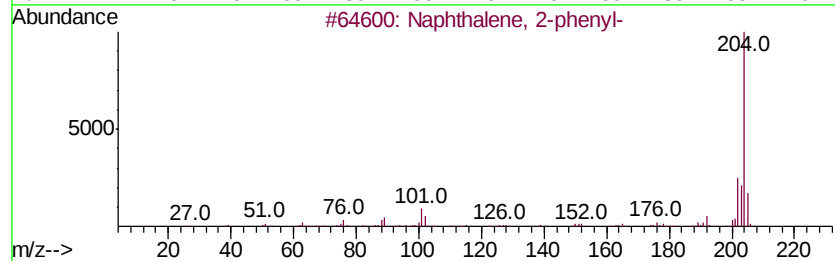
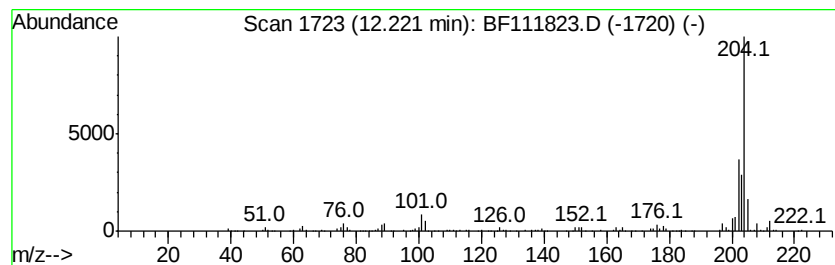
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.48 ng	180491	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3			Levamisole	204	C11H12N2S	014769-73-4	58
4			5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	53
5			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

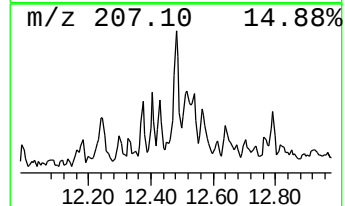
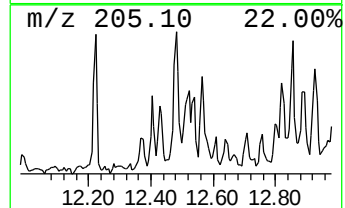
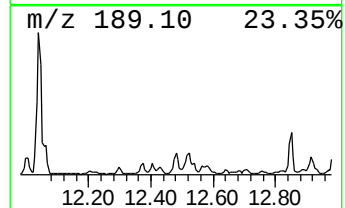
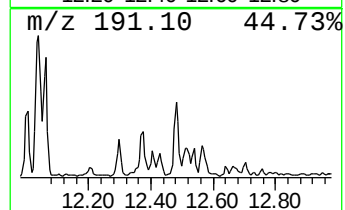
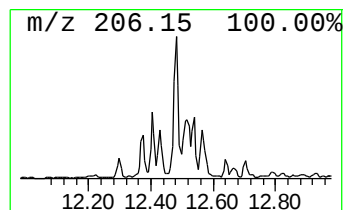
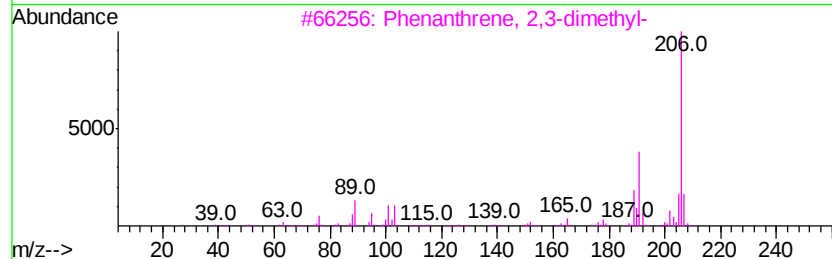
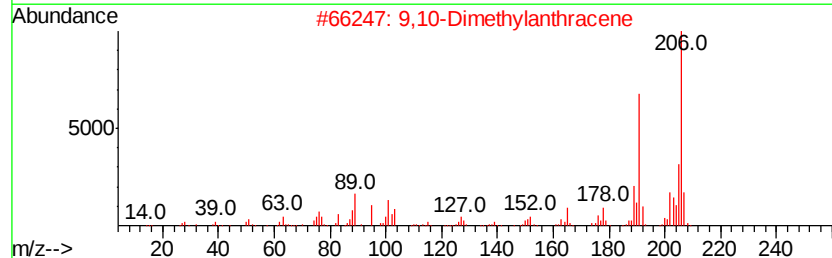
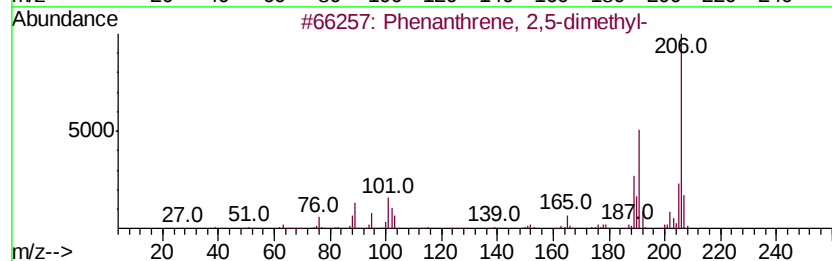
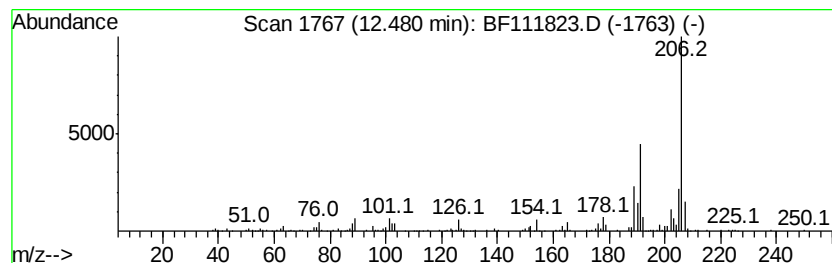
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.00 ng	218123	Phenanthrene-d10	11.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
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Sample : K1017-01
Misc :
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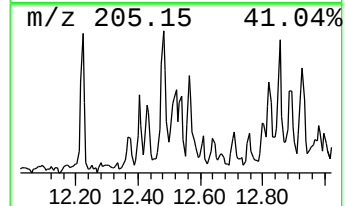
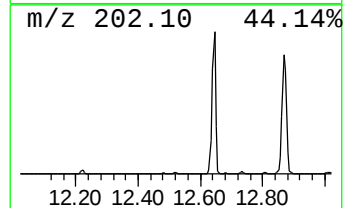
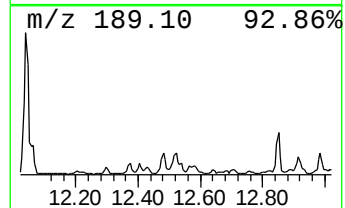
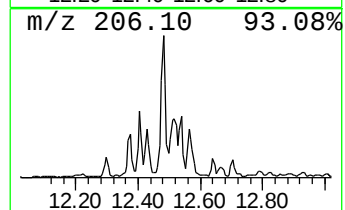
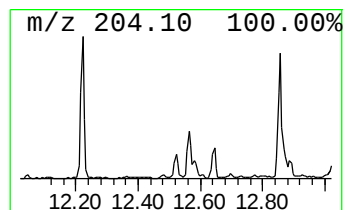
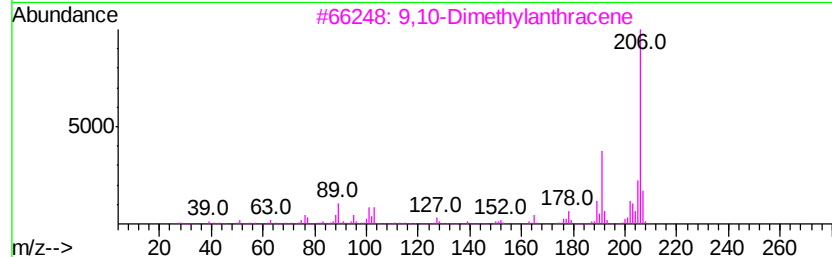
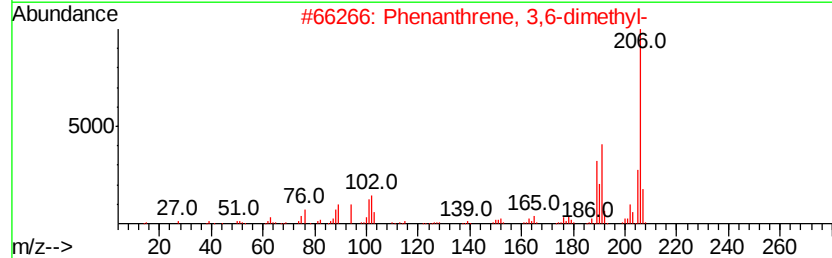
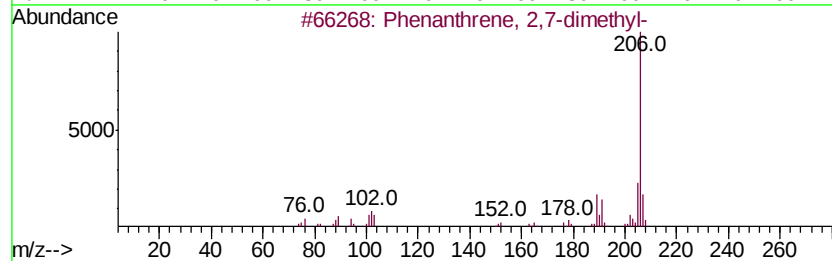
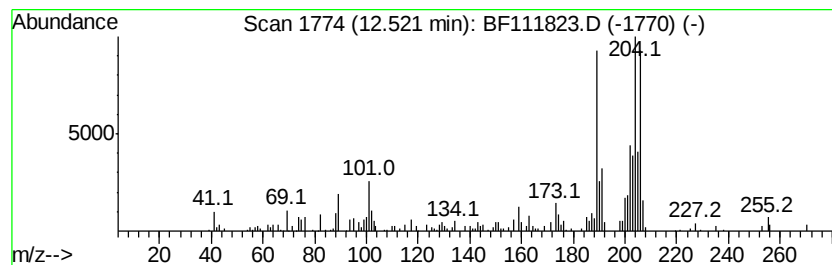
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.52	2.97 ng	216122	Phenanthrene-d10		11.43	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	64
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
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Operator : JU/SJ
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Misc :
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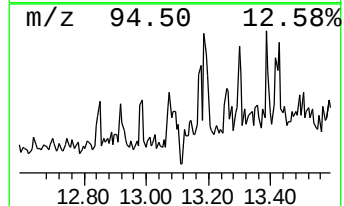
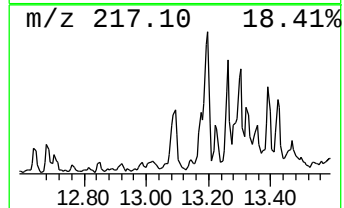
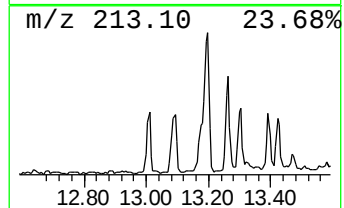
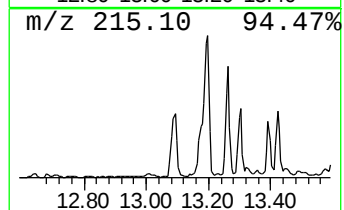
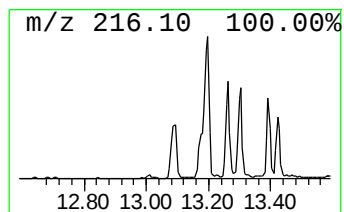
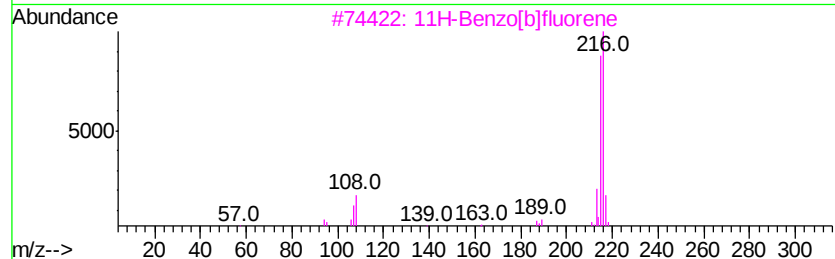
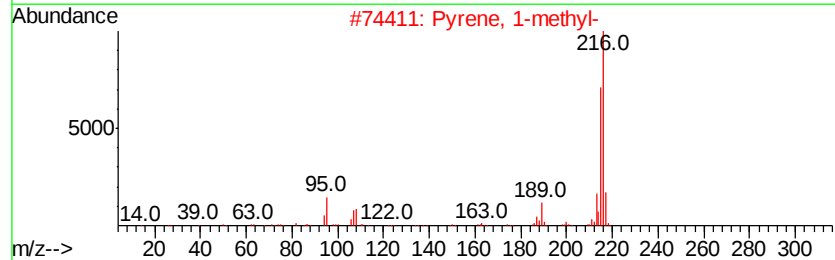
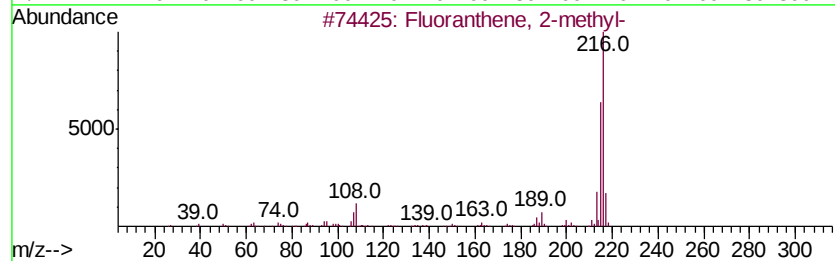
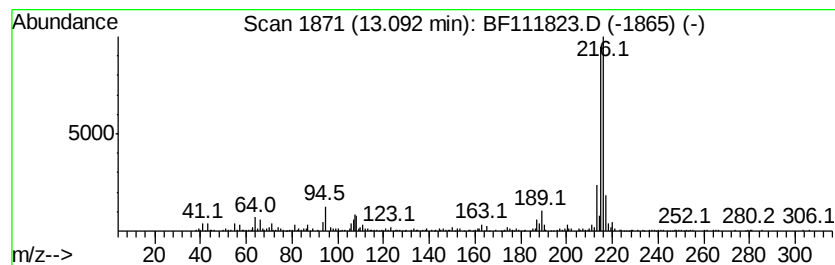
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.09	2.66 ng	470151	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
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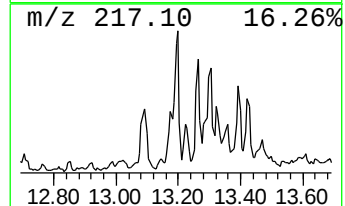
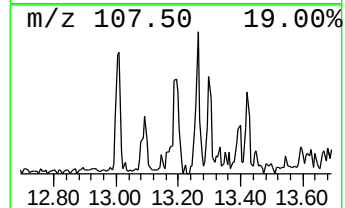
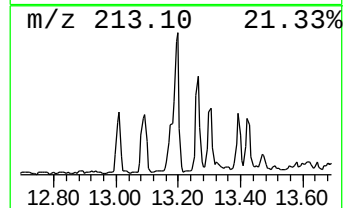
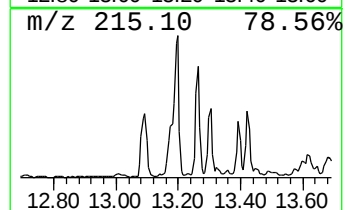
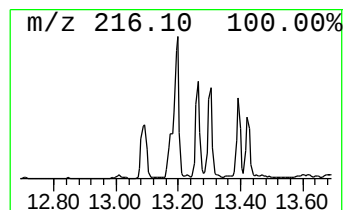
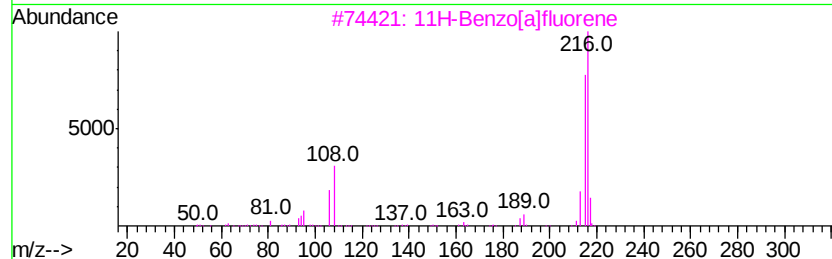
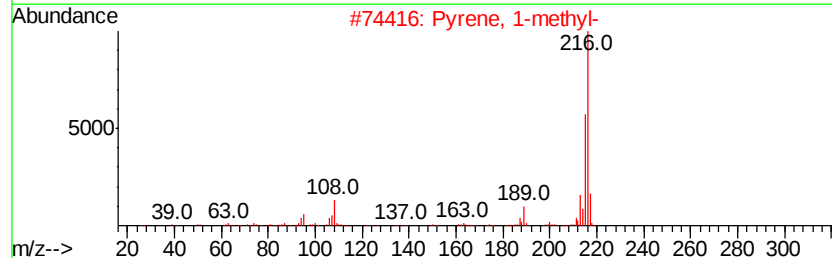
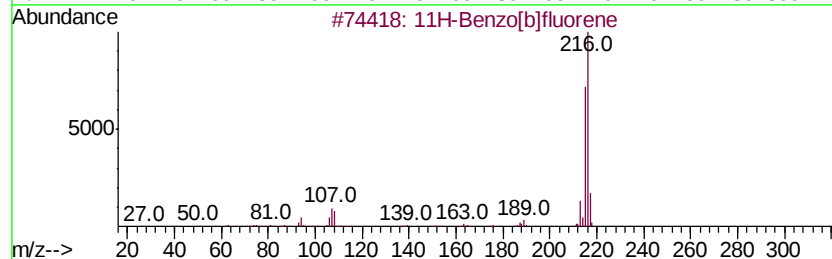
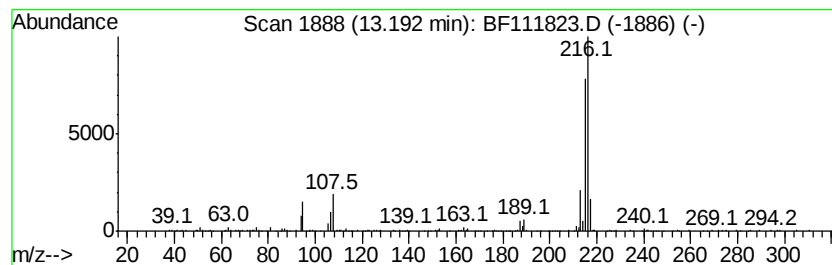
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	2.52 ng	445348	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

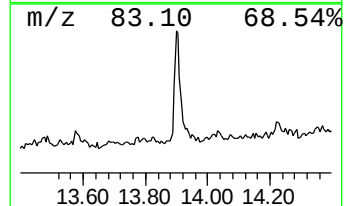
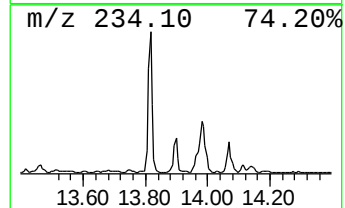
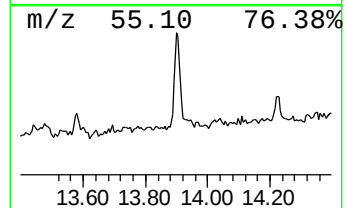
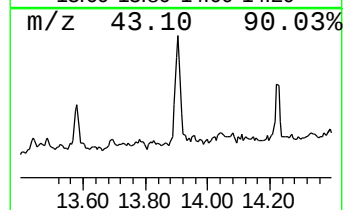
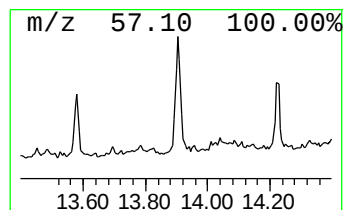
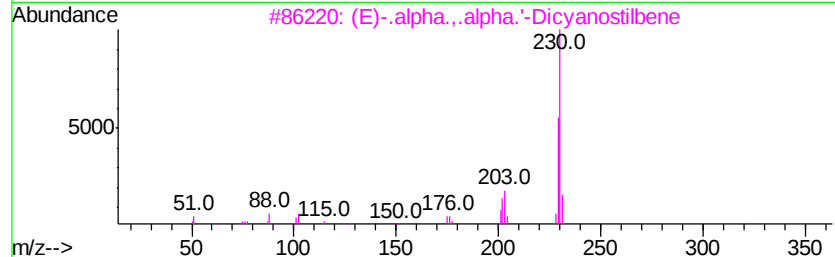
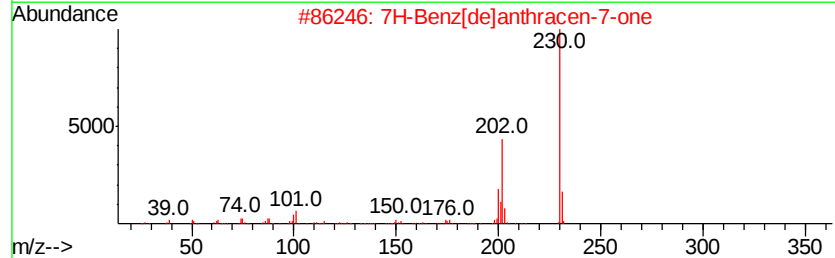
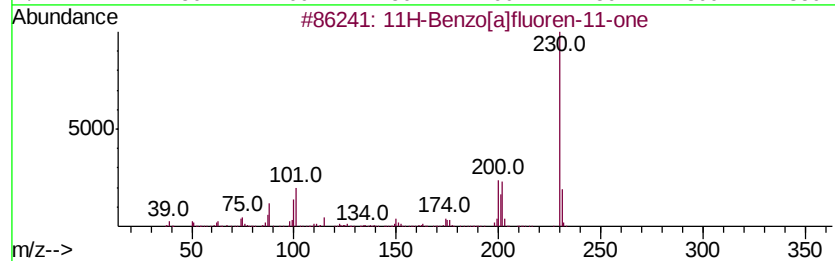
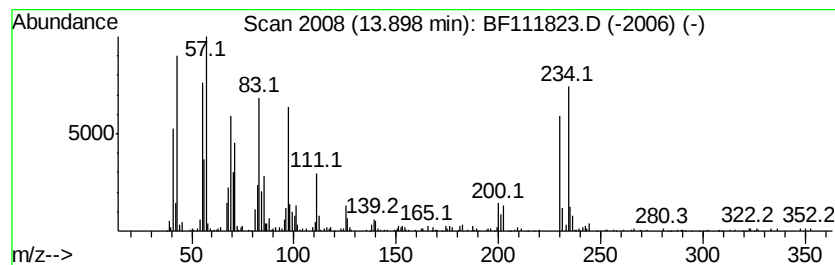
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.28 ng	579978	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3		(E)-.alpha.,.alpha.'-Dicvanostil...	230	C16H10N2	002450-55-7	47
4		3-Chlorocatechol, cyclic phenylb...	230	C12H8BClO2	1000293-25-0	38
5		p-Terphenyl	230	C18H14	000092-94-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
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Acq On : 3 Jan 2019 16:16
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Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

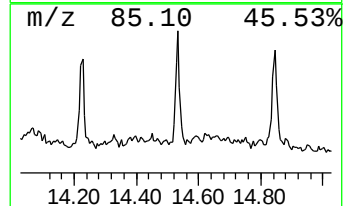
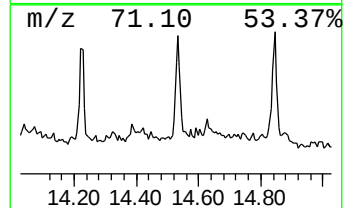
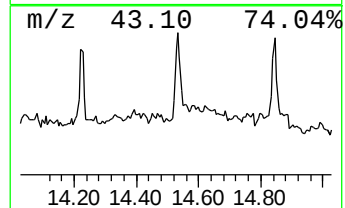
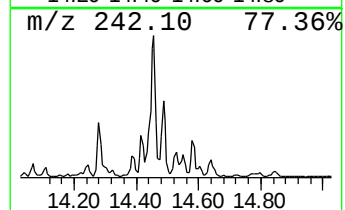
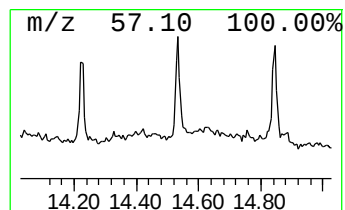
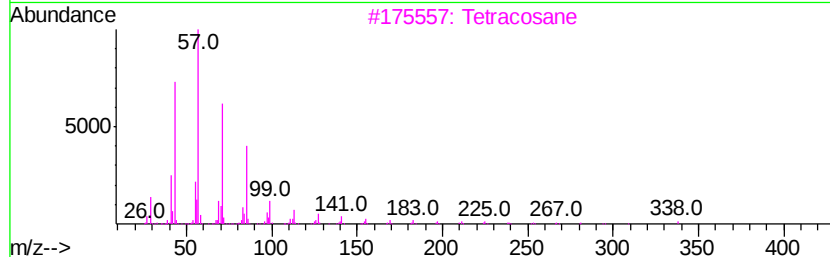
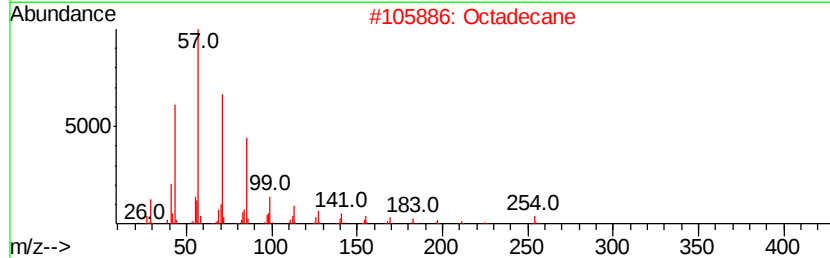
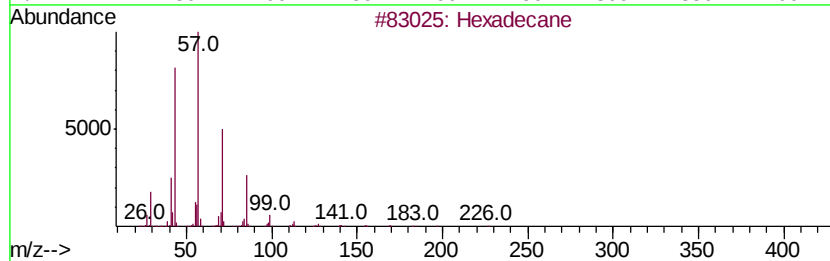
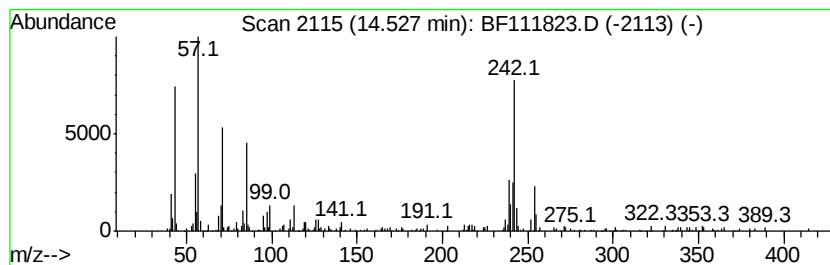
Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.46 ng	434882	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Octadecane	254 C18H38	000593-45-3	60
3	Tetracosane	338 C24H50	000646-31-1	56
4	Pentacosane	352 C25H52	000629-99-2	42
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

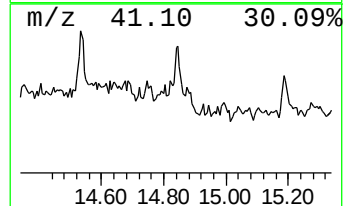
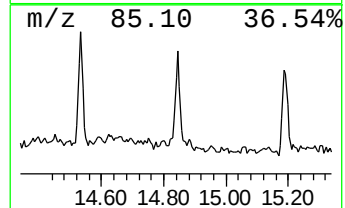
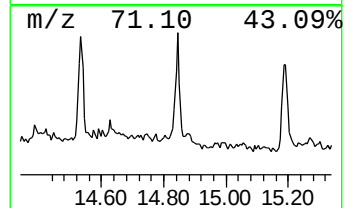
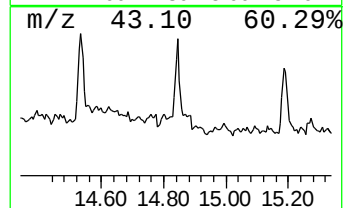
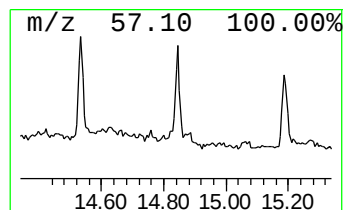
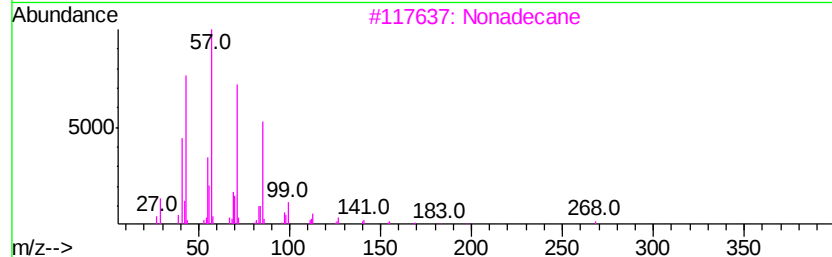
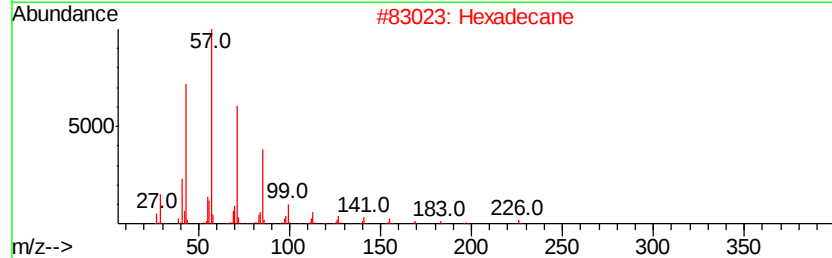
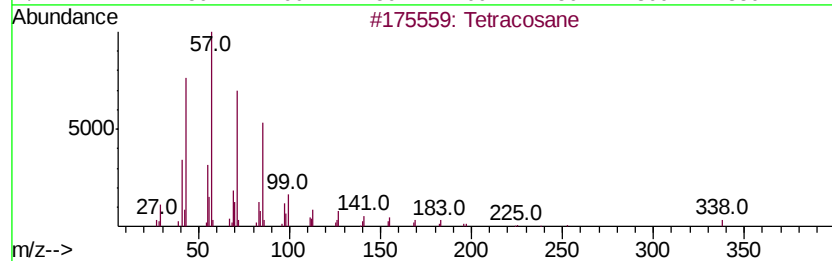
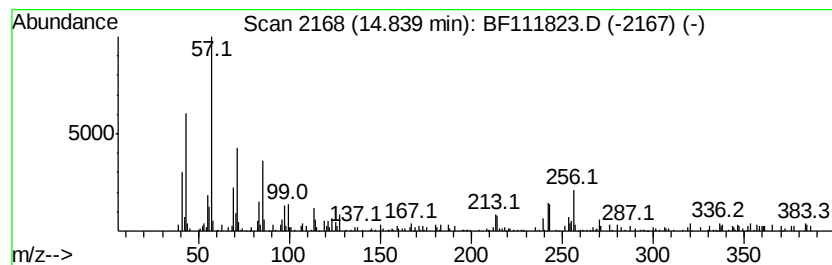
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.99 ng	152963	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	64
2		Hexadecane	226	C16H34	000544-76-3	45
3		Nonadecane	268	C19H40	000629-92-5	45
4		10-Methylnonadecane	282	C20H42	056862-62-5	38
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
Data File : BF111823.D
Acq On : 3 Jan 2019 16:16
Operator : JU/SJ
Sample : K1017-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

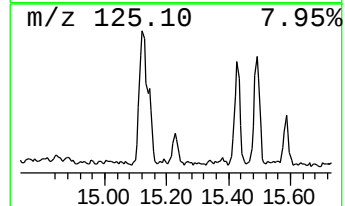
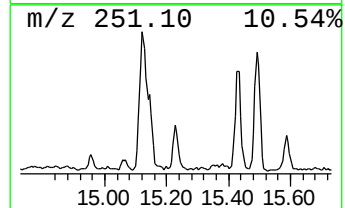
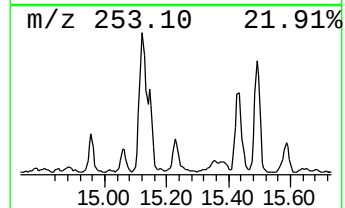
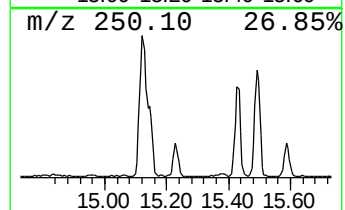
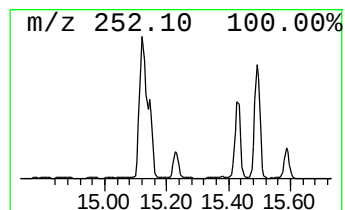
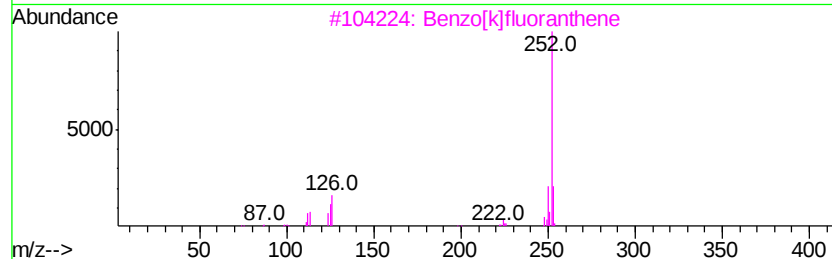
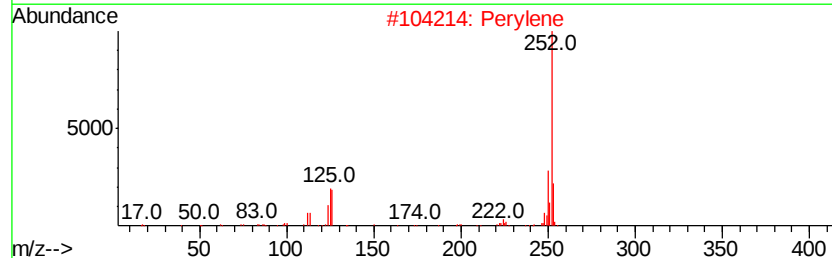
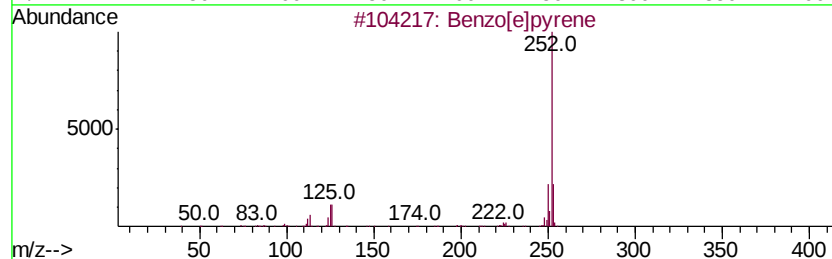
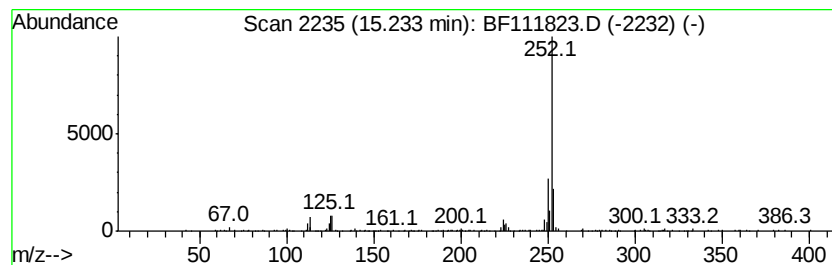
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	4.53 ng	173439	Perylene-d12	15.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
5			Benzo[a]pyrene	252	C20H12	000050-32-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010319\
 Data File : BF111823.D
 Acq On : 3 Jan 2019 16:16
 Operator : JU/SJ
 Sample : K1017-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
Butane, 2-methoxy...	2.24	2.9	ng	223638	1	6.90	1560880	20.0
2-Pentanone, 4-hy...	5.13	3.9	ng	304433	1	6.90	1560880	20.0
unknown6.68	6.68	63.8	ng	4981920	1	6.90	1560880	20.0
unknown10.85	10.85	3.4	ng	243438	4	11.43	1453770	20.0
unknown11.29	11.29	2.6	ng	189162	4	11.43	1453770	20.0
Phenanthrene, 1-m...	11.93	4.0	ng	287909	4	11.43	1453770	20.0
Phenanthrene, 2-m...	11.95	5.9	ng	428199	4	11.43	1453770	20.0
Benzaldehyde, 3,5...	12.04	7.0	ng	507751	4	11.43	1453770	20.0
Phenanthrene, 4-m...	12.06	2.6	ng	189684	4	11.43	1453770	20.0
Naphthalene, 2-ph...	12.22	2.5	ng	180491	4	11.43	1453770	20.0
Phenanthrene, 2,5...	12.48	3.0	ng	218123	4	11.43	1453770	20.0
Phenanthrene, 2,7...	12.52	3.0	ng	216122	4	11.43	1453770	20.0
Fluoranthene, 2-m...	13.09	2.7	ng	470151	5	14.07	3538000	20.0
11H-Benzo[b]fluorene	13.19	2.5	ng	445348	5	14.07	3538000	20.0
11H-Benzo[a]fluor...	13.90	3.3	ng	579978	5	14.07	3538000	20.0
Hexadecane	14.53	2.5	ng	434882	5	14.07	3538000	20.0
Tetracosane	14.84	4.0	ng	152963	6	15.56	766409	20.0
Benzo[e]pyrene	15.23	4.5	ng	173439	6	15.56	766409	20.0