

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115532.D
 Acq On : 12 Jul 2019 17:57
 Operator : HP/JU
 Sample : K3618-03 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-071119

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-BF071219.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	2.158	8	12	30	rVB	365133	580373	23.73%	1.413%
2	5.493	575	579	587	rBV	676987	572625	23.41%	1.394%
3	6.498	746	750	762	rBV	718136	598532	24.47%	1.457%
4	6.646	771	775	779	rBV	716553	638433	26.10%	1.554%
5	6.881	812	815	819	rBV	1047387	859063	35.12%	2.091%
6	7.040	838	842	845	rBV	641171	510279	20.86%	1.242%
7	7.434	904	909	916	rBV	412166	369334	15.10%	0.899%
8	8.163	1029	1033	1035	rBV	1225796	1108039	45.30%	2.698%
9	8.187	1035	1037	1040	rVB	536106	397350	16.24%	0.967%
10	8.881	1150	1155	1158	rBV	496828	448402	18.33%	1.092%
11	8.975	1166	1171	1175	rBV	561324	531590	21.73%	1.294%
12	9.239	1212	1216	1219	rBV	951693	736802	30.12%	1.794%
13	9.339	1227	1233	1236	rBV2	105432	110442	4.51%	0.269%
14	9.439	1247	1250	1255	rVB	94830	117820	4.82%	0.287%
15	9.504	1257	1261	1265	rBV2	275194	361422	14.78%	0.880%
16	9.581	1269	1274	1276	rBV	464519	447088	18.28%	1.088%
17	9.604	1276	1278	1281	rVB	266793	200974	8.22%	0.489%
18	9.634	1281	1283	1288	rVB2	70494	101570	4.15%	0.247%
19	9.698	1290	1294	1296	rBV	205822	210678	8.61%	0.513%
20	9.781	1302	1308	1313	rBV	423878	372219	15.22%	0.906%
21	9.922	1326	1332	1335	rBV	1302215	1207535	49.37%	2.940%
22	9.951	1335	1337	1340	rVV	417427	345136	14.11%	0.840%
23	10.028	1346	1350	1354	rBV2	84714	105100	4.30%	0.256%
24	10.075	1354	1358	1361	rBV2	45913	75714	3.10%	0.184%
25	10.122	1362	1366	1370	rVV	421815	374266	15.30%	0.911%
26	10.163	1370	1373	1376	rVB	137670	109571	4.48%	0.267%
27	10.239	1381	1386	1388	rBV2	120638	127061	5.19%	0.309%
28	10.263	1388	1390	1393	rVB	102102	81278	3.32%	0.198%
29	10.328	1397	1401	1403	rBV	86112	118704	4.85%	0.289%
30	10.469	1421	1425	1431	rVB	726455	663498	27.12%	1.615%
31	10.533	1431	1436	1438	rBV2	109986	158480	6.48%	0.386%
32	10.551	1438	1439	1442	rVV2	88792	74561	3.05%	0.182%
33	10.581	1442	1444	1446	rVV	80440	66502	2.72%	0.162%
34	10.622	1449	1451	1457	rVB	131834	133822	5.47%	0.326%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.704	1460	1465	1469	rVB	511308	478749	19.57%	1.166%
36	10.828	1482	1486	1493	rVB5	91099	126694	5.18%	0.308%
37	11.016	1513	1518	1520	rBV2	170999	195022	7.97%	0.475%
38	11.045	1520	1523	1526	rVV2	112741	115596	4.73%	0.281%
39	11.098	1529	1532	1535	rVB	108978	100900	4.12%	0.246%
40	11.145	1535	1540	1541	rBV2	59813	82829	3.39%	0.202%
41	11.163	1541	1543	1546	rVV2	79150	84846	3.47%	0.207%
42	11.257	1555	1559	1561	rBV	59187	76261	3.12%	0.186%
43	11.304	1564	1567	1573	rVB	227752	240851	9.85%	0.586%
44	11.404	1580	1584	1586	rBV	1070823	990761	40.50%	2.412%
45	11.433	1586	1589	1592	rVV	2562831	2229814	91.16%	5.429%
46	11.480	1592	1597	1600	rVV	784926	651975	26.65%	1.587%
47	11.510	1600	1602	1606	rVV2	85265	101324	4.14%	0.247%
48	11.628	1617	1622	1625	rBV	148126	160280	6.55%	0.390%
49	11.704	1632	1635	1637	rVB	99115	77219	3.16%	0.188%
50	11.733	1637	1640	1643	rVB	115789	111137	4.54%	0.271%
51	11.798	1649	1651	1653	rBV	113656	99221	4.06%	0.242%
52	11.822	1653	1655	1659	rVB	89103	85323	3.49%	0.208%
53	11.910	1666	1670	1672	rVV	427042	443760	18.14%	1.080%
54	11.933	1672	1674	1679	rVB	661532	569305	23.27%	1.386%
55	11.980	1679	1682	1685	rBV	225173	198658	8.12%	0.484%
56	12.022	1685	1689	1691	rVV2	816813	857447	35.05%	2.088%
57	12.039	1691	1692	1697	rVB	367084	262352	10.73%	0.639%
58	12.204	1717	1720	1721	rVV	213337	193479	7.91%	0.471%
59	12.222	1721	1723	1730	rVB3	158187	167425	6.84%	0.408%
60	12.351	1740	1745	1748	rBV2	115243	150958	6.17%	0.368%
61	12.380	1748	1750	1752	rBV	94843	82875	3.39%	0.202%
62	12.404	1752	1754	1757	rVB2	84009	76060	3.11%	0.185%
63	12.457	1759	1763	1766	rBV	291497	326995	13.37%	0.796%
64	12.486	1766	1768	1770	rVV2	473883	508886	20.80%	1.239%
65	12.504	1770	1771	1775	rVV2	587933	502684	20.55%	1.224%
66	12.539	1775	1777	1782	rVV3	159531	199070	8.14%	0.485%
67	12.592	1783	1786	1787	rVV2	74861	64952	2.66%	0.158%
68	12.622	1787	1791	1794	rVV	2296586	1969106	80.50%	4.794%
69	12.663	1796	1798	1800	rVV	78306	79777	3.26%	0.194%
70	12.710	1804	1806	1809	rVV	129455	118317	4.84%	0.288%
71	12.769	1814	1816	1823	rVB3	114229	167713	6.86%	0.408%

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72	12.851	1823	1830	1833	rBV	2360905	2446125	100.00%	5.955%
73	12.898	1835	1838	1843	rVB2	90421	147480	6.03%	0.359%
74	12.963	1846	1849	1850	rBV	119151	101247	4.14%	0.246%
75	12.986	1850	1853	1860	rVB	702124	698959	28.57%	1.702%
76	13.063	1862	1866	1870	rBV2	223793	342515	14.00%	0.834%
77	13.174	1882	1885	1888	rVB	475409	455849	18.64%	1.110%
78	13.239	1893	1896	1899	rVB	358690	287790	11.77%	0.701%
79	13.280	1899	1903	1906	rBV2	329328	339013	13.86%	0.825%
80	13.369	1916	1918	1921	rVV	216314	194350	7.95%	0.473%
81	13.404	1921	1924	1927	rVV	232033	203095	8.30%	0.494%
82	13.680	1969	1971	1976	rVB	140852	163462	6.68%	0.398%
83	13.792	1986	1990	1993	rBV2	204536	263688	10.78%	0.642%
84	13.822	1993	1995	1997	rVV	175977	135128	5.52%	0.329%
85	13.845	1997	1999	2002	rVV2	150068	143783	5.88%	0.350%
86	14.039	2028	2032	2035	rBV2	1523693	2178410	89.06%	5.304%
87	14.069	2035	2037	2045	rVB	1108649	1032496	42.21%	2.514%
88	14.151	2049	2051	2054	rBV	90352	70415	2.88%	0.171%
89	14.263	2067	2070	2074	rBV2	97572	135582	5.54%	0.330%
90	14.427	2096	2098	2101	rVB	263390	244551	10.00%	0.595%
91	14.463	2102	2104	2107	rVB	222764	178809	7.31%	0.435%
92	14.557	2117	2120	2121	rBV	167937	138465	5.66%	0.337%
93	15.092	2206	2211	2214	rBV	805560	1340581	54.80%	3.264%
94	15.198	2226	2229	2233	rVB	185960	199321	8.15%	0.485%
95	15.398	2259	2263	2268	rVB	490152	663451	27.12%	1.615%
96	15.457	2269	2273	2279	rVV	770821	946432	38.69%	2.304%
97	15.521	2280	2284	2287	rVV	695972	892676	36.49%	2.173%
98	15.551	2287	2289	2296	rVB3	284950	410248	16.77%	0.999%
99	16.998	2530	2535	2543	rVB2	282852	568713	23.25%	1.385%
100	17.445	2608	2611	2618	rVB	184267	288729	11.80%	0.703%

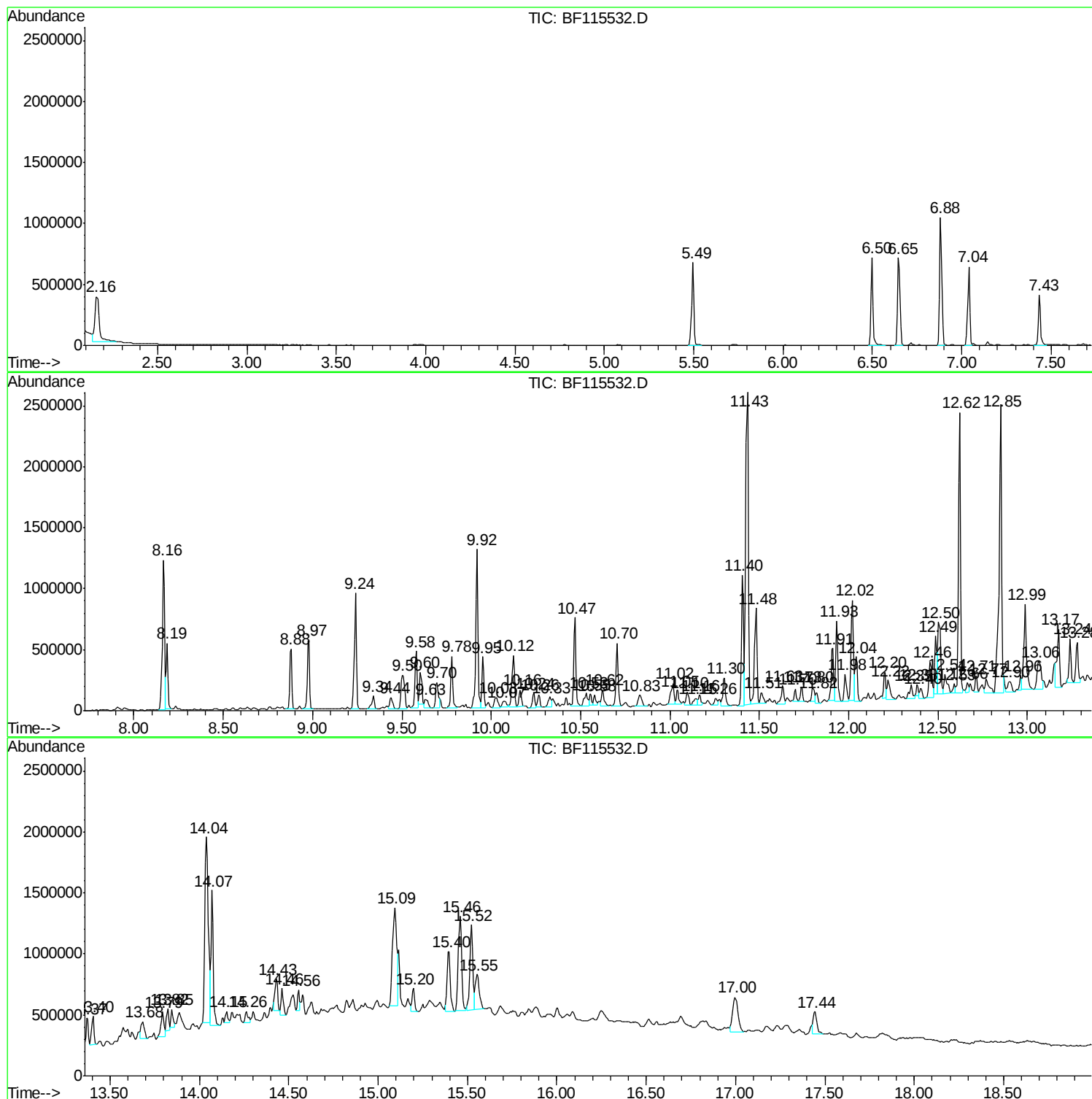
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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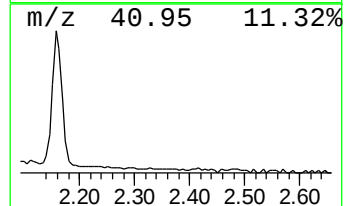
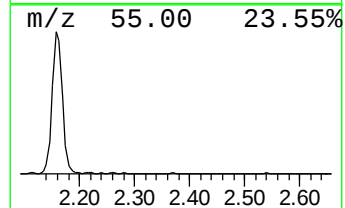
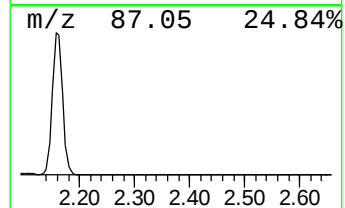
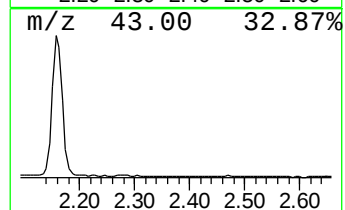
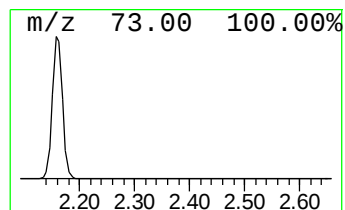
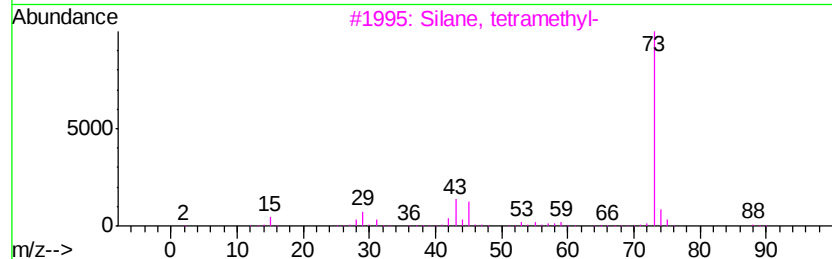
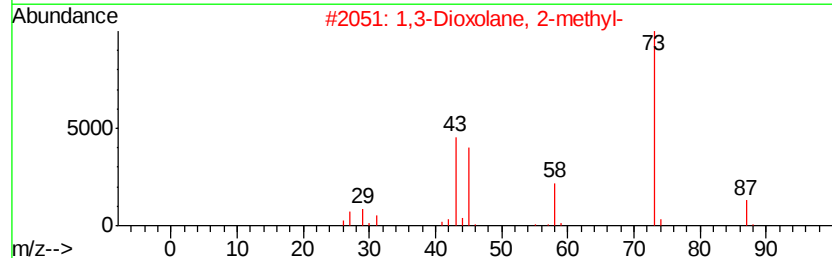
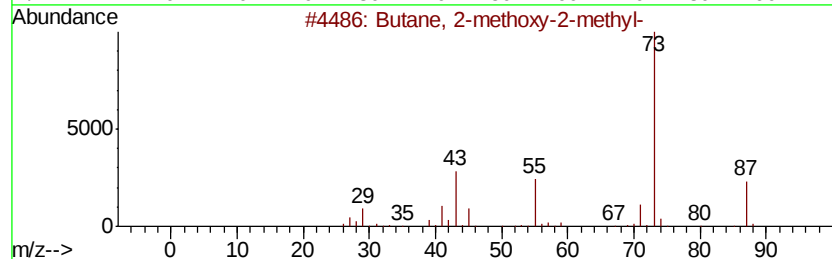
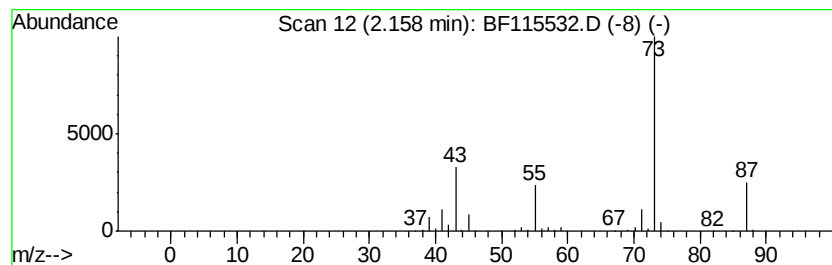
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	13.51 ng	580373	1,4-Dichlorobenzene-d4	6.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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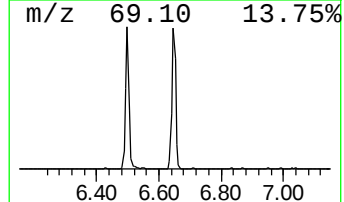
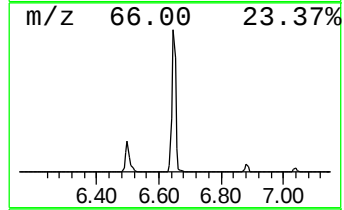
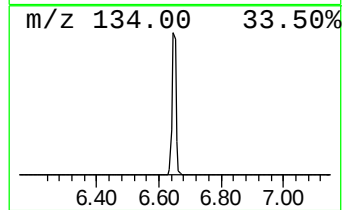
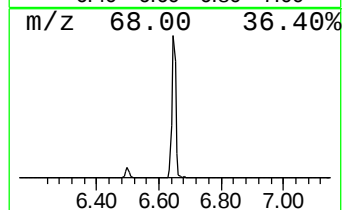
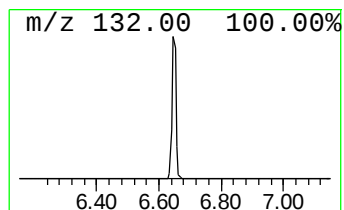
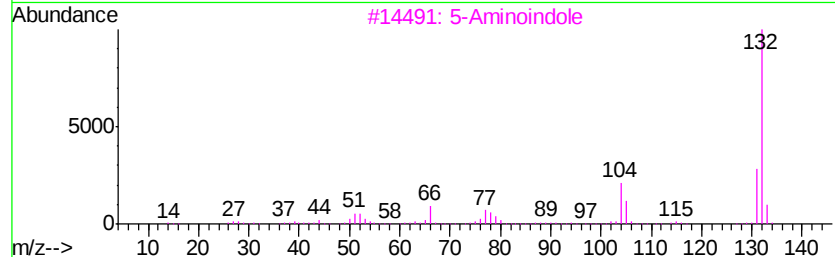
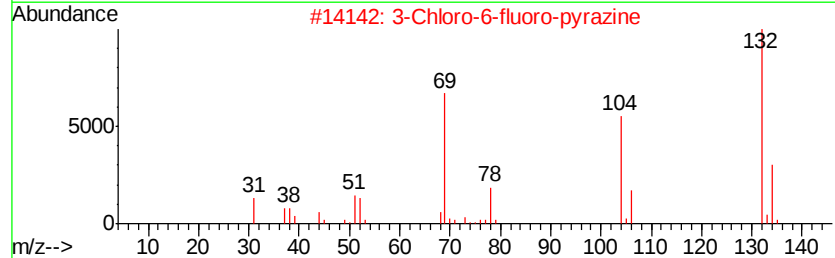
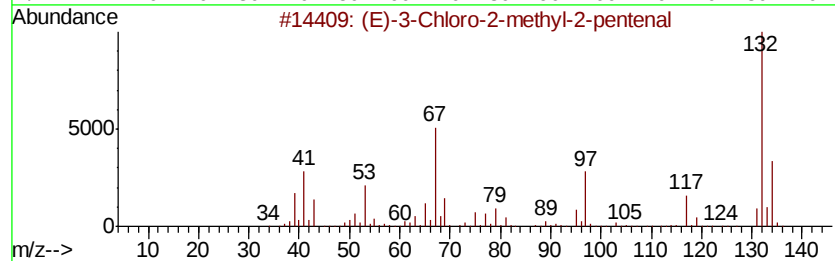
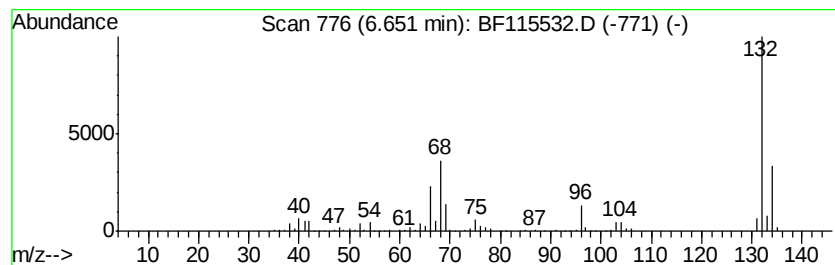
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	14.86 ng	638433	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Amphetaminil	250	C17H18N2	017590-01-1	10



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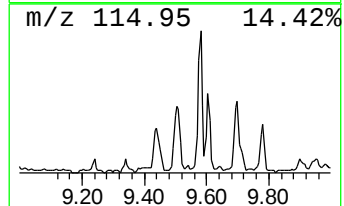
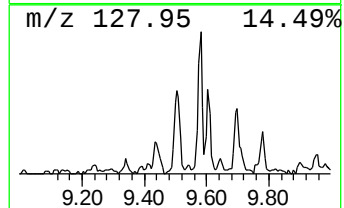
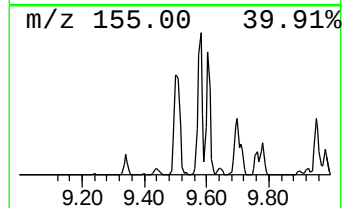
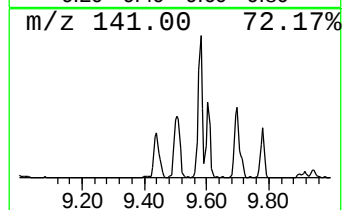
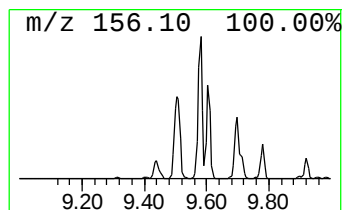
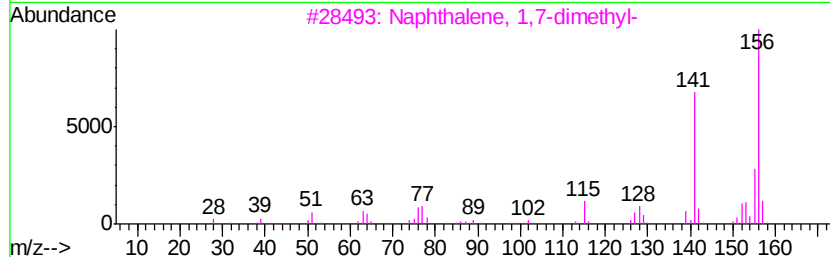
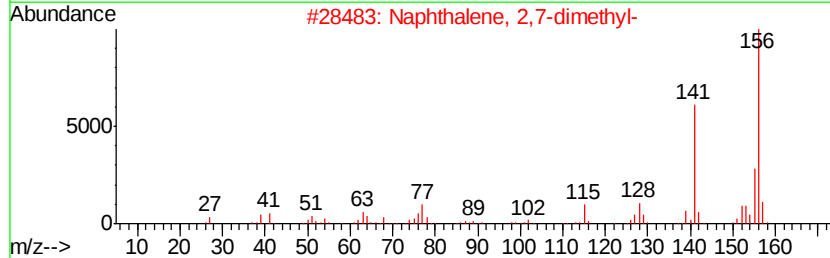
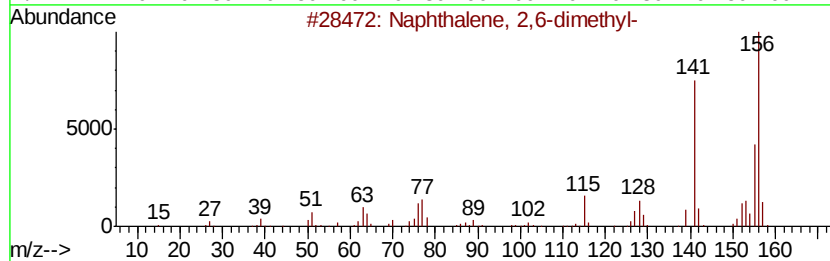
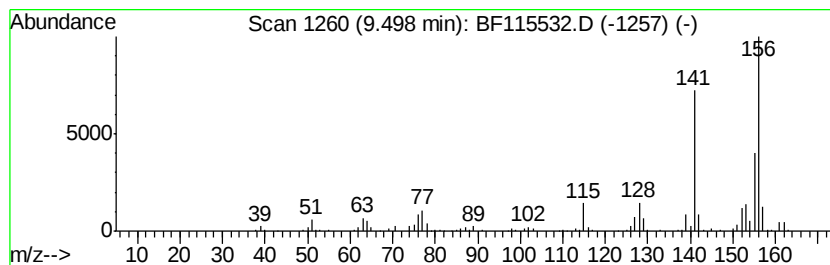
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	5.99 ng	361422	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
Acq On : 12 Jul 2019 17:57
Operator : HP/JU
Sample : K3618-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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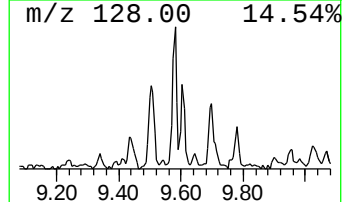
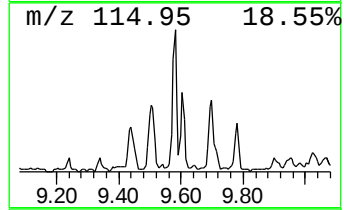
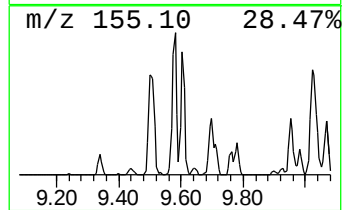
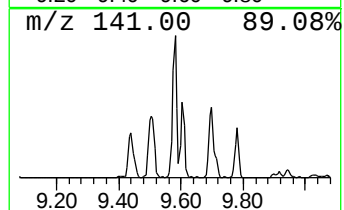
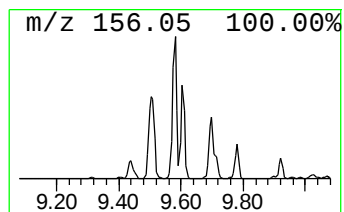
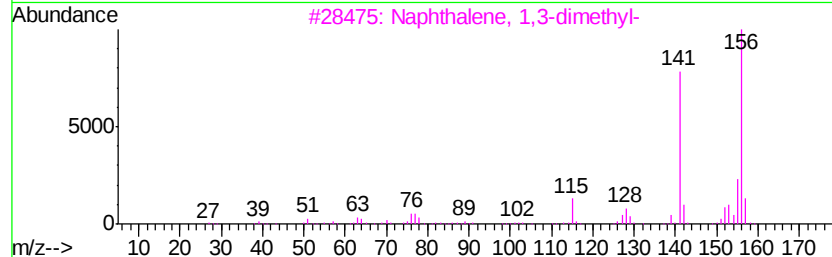
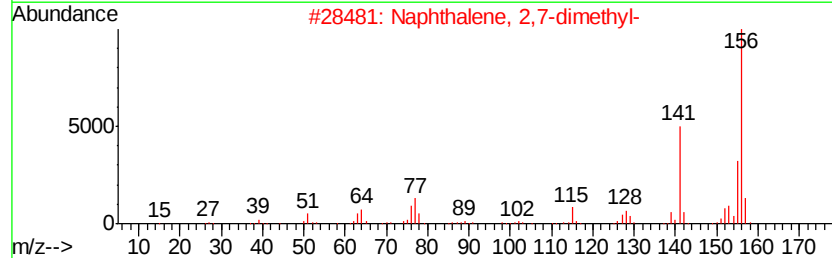
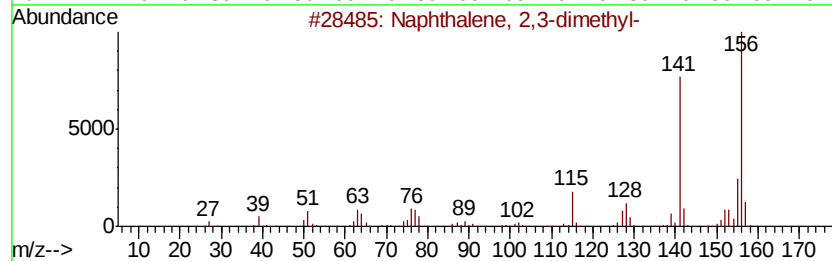
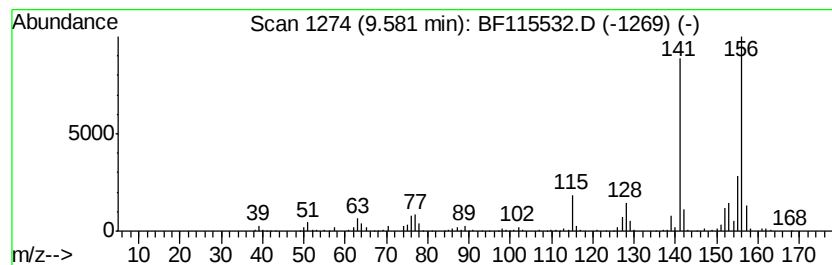
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	7.40 ng	447088	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
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ALS Vial : 7 Sample Multiplier: 1

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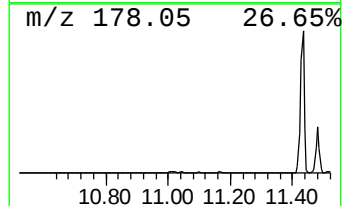
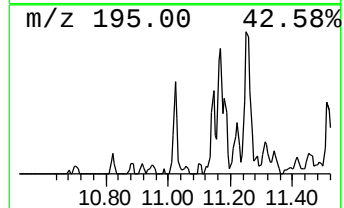
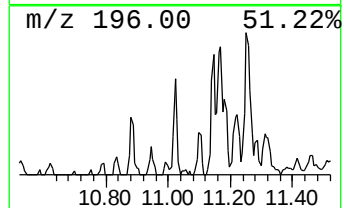
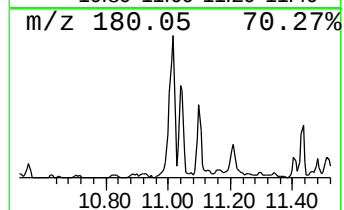
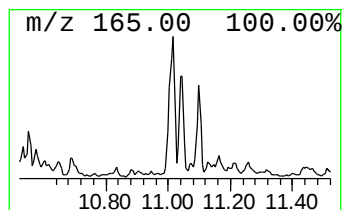
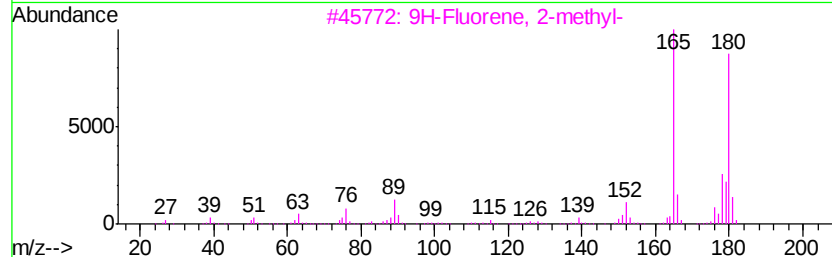
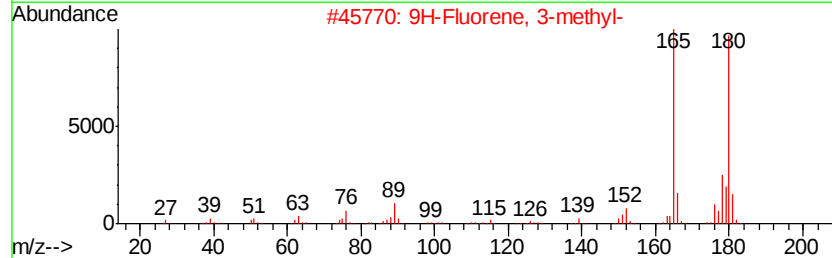
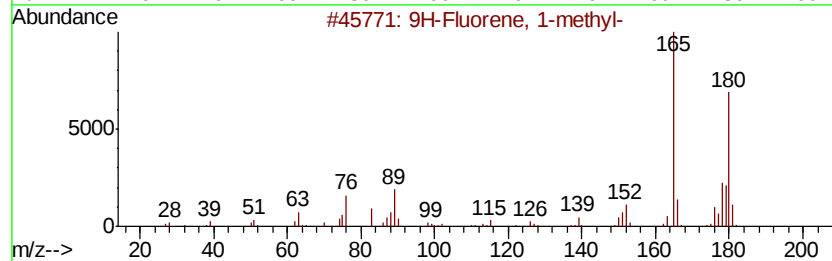
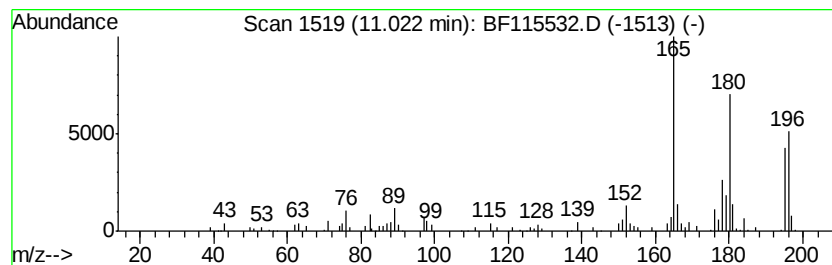
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.02	3.94 ng	195022	Phenanthrene-d10		11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene,	1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene,	3-methyl-	180	C14H12	002523-39-9	93	
3	9H-Fluorene,	2-methyl-	180	C14H12	001430-97-3	91	
4	9H-Fluorene,	9-methyl-	180	C14H12	002523-37-7	81	
5	9H-Fluorene,	4-methyl-	180	C14H12	001556-99-6	78	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
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Sample : K3618-03 5X
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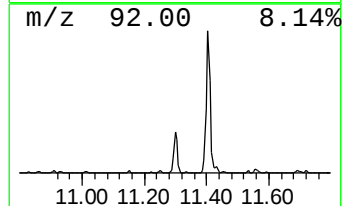
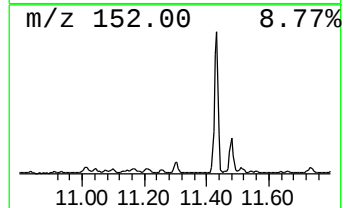
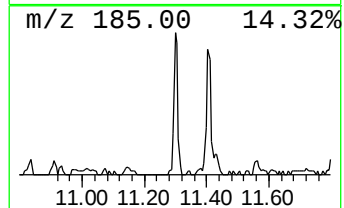
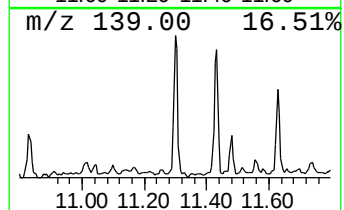
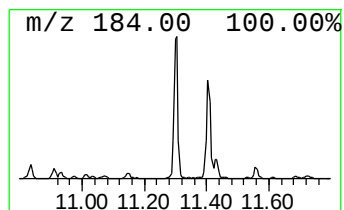
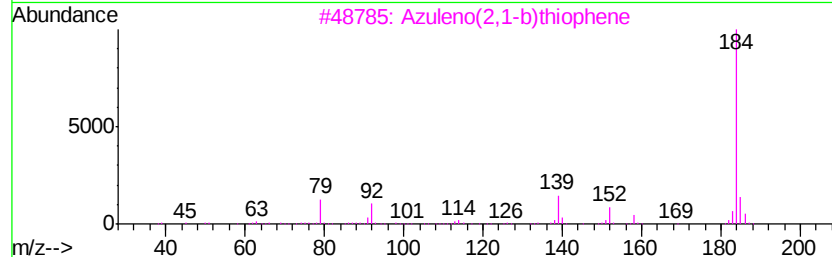
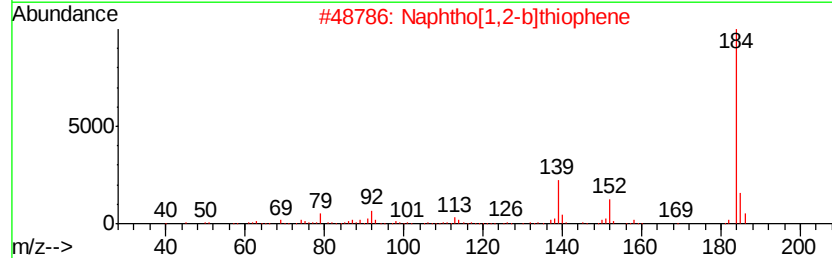
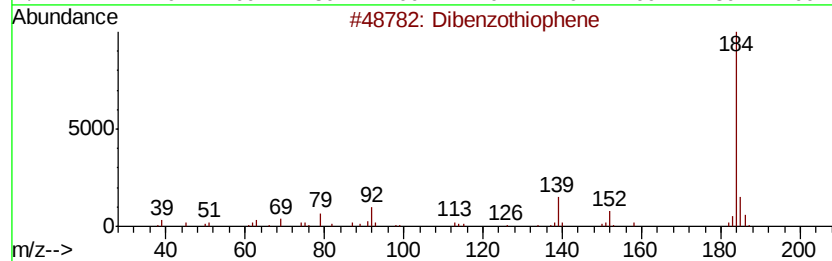
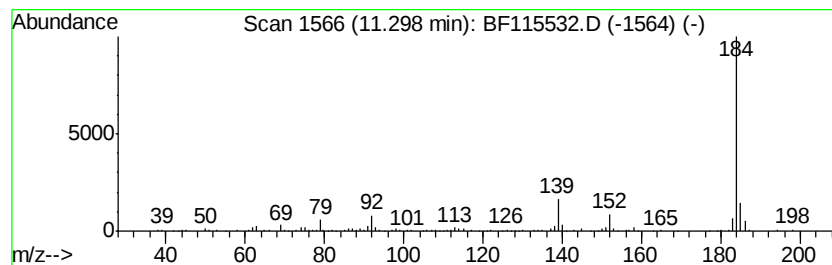
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.30	4.86 ng	240851	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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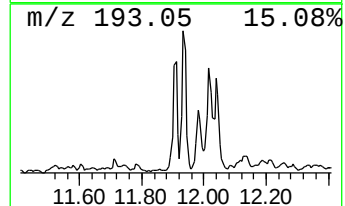
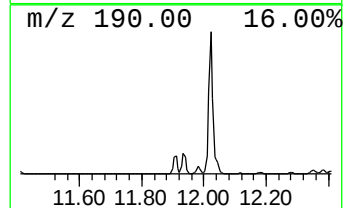
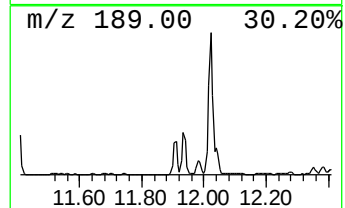
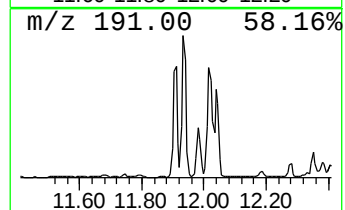
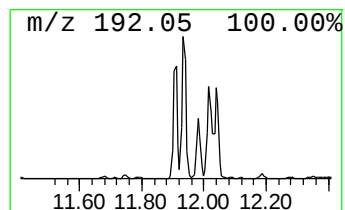
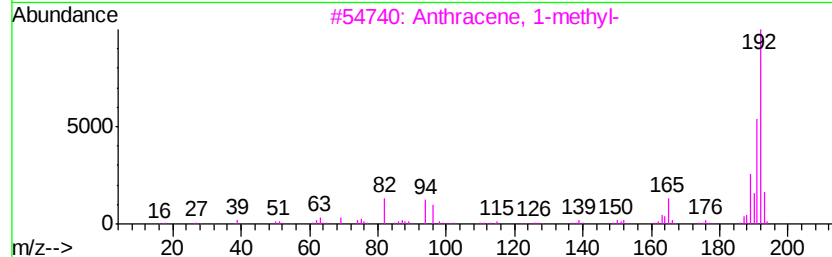
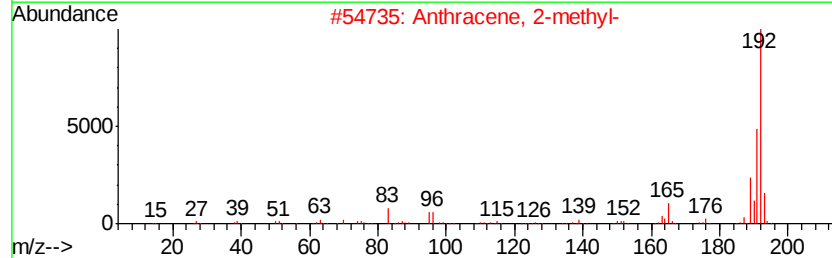
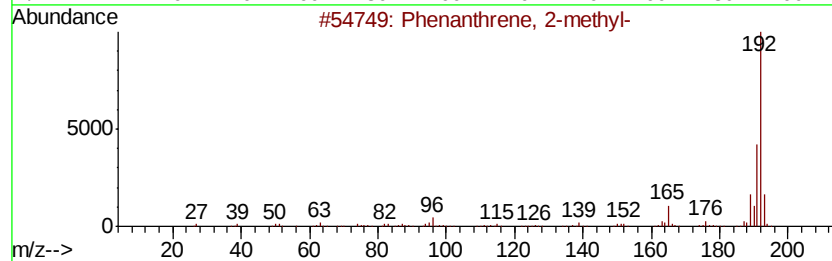
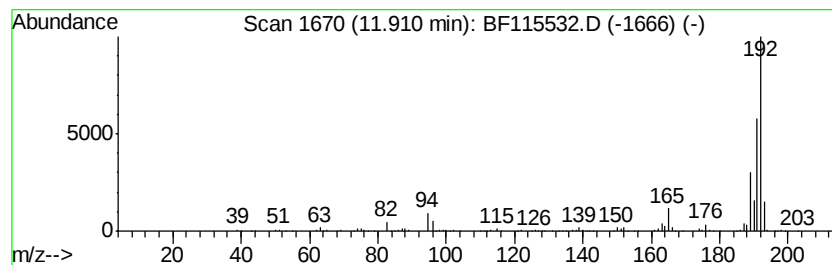
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.91	8.96 ng	443760	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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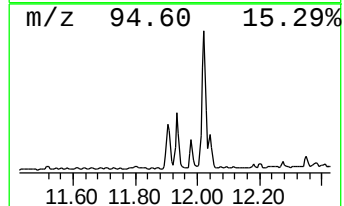
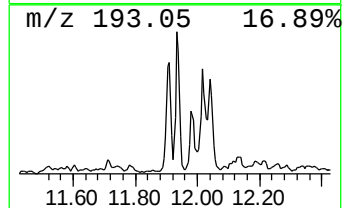
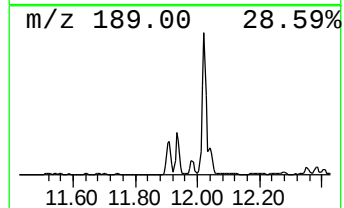
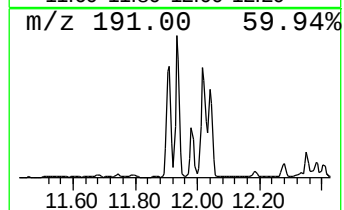
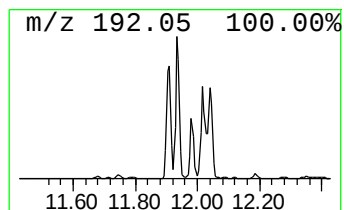
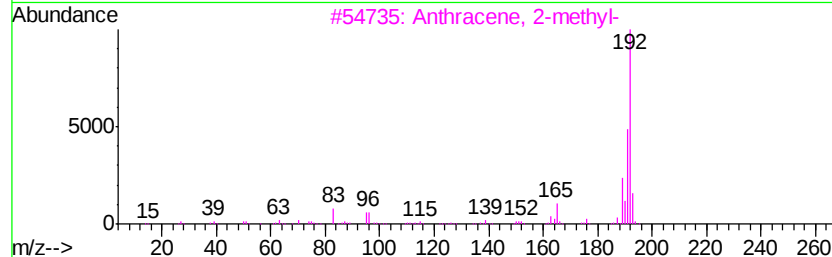
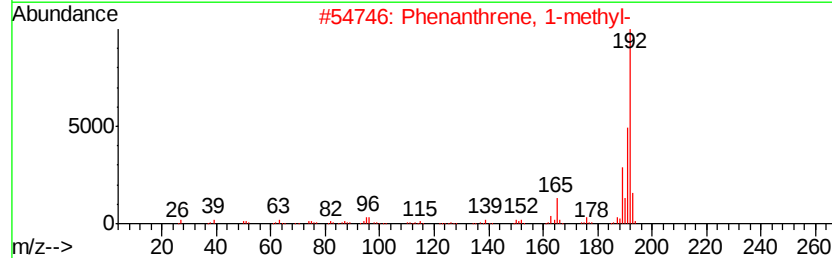
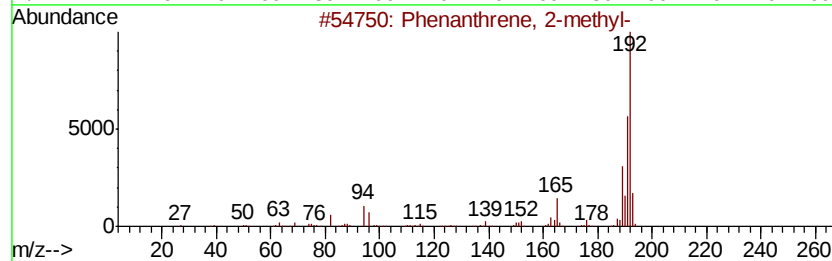
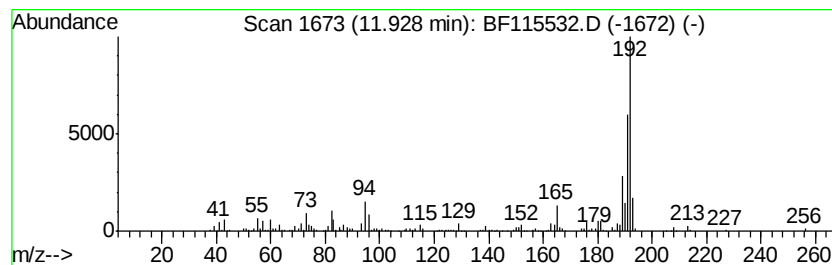
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	11.49 ng	569305	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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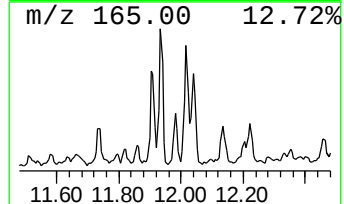
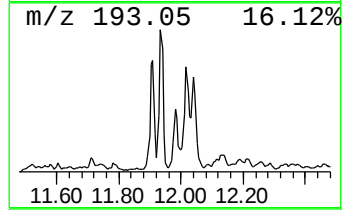
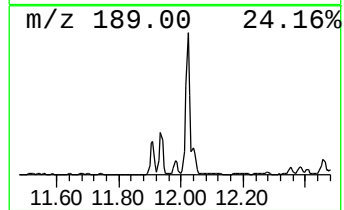
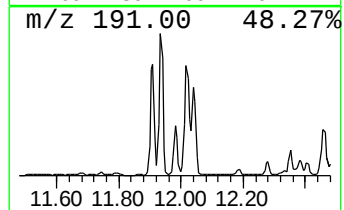
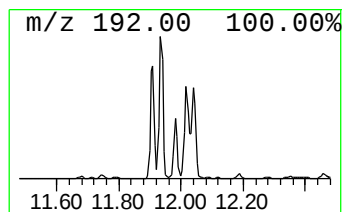
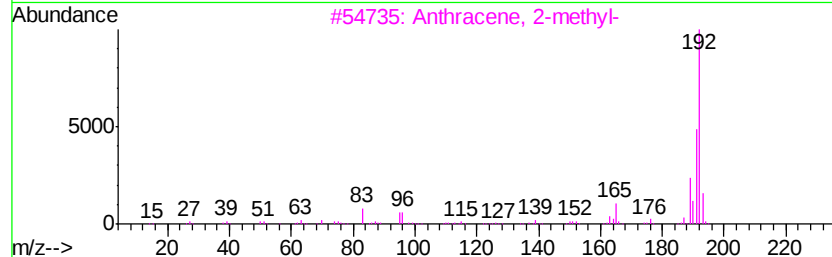
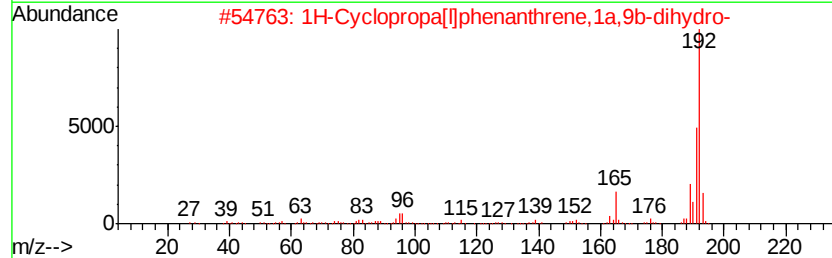
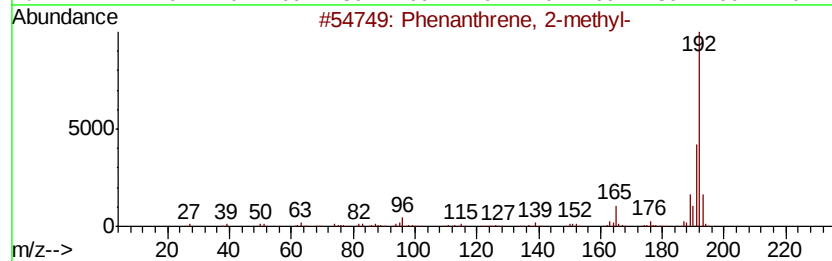
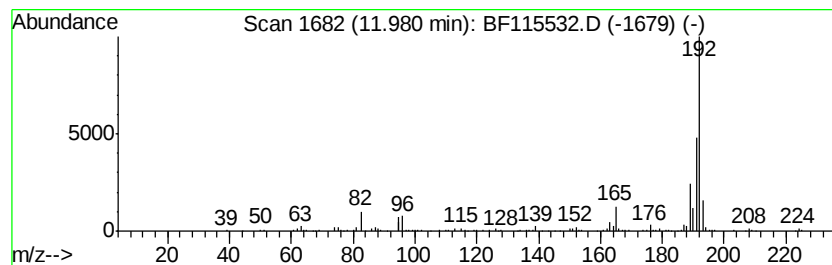
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.01 ng	198658	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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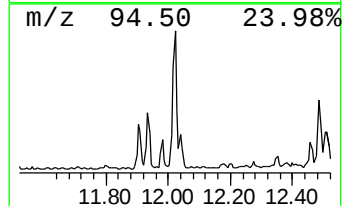
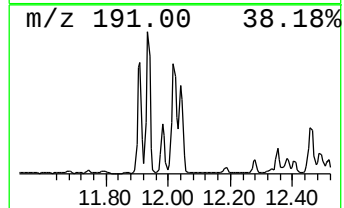
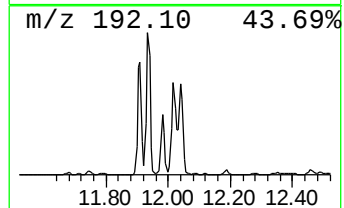
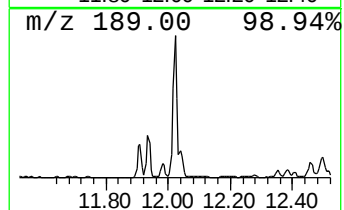
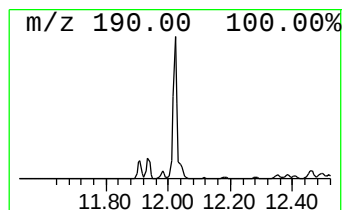
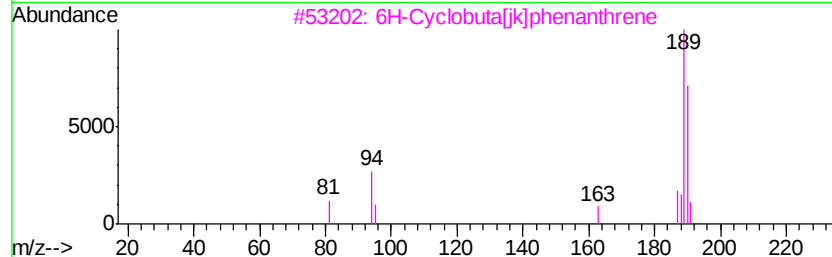
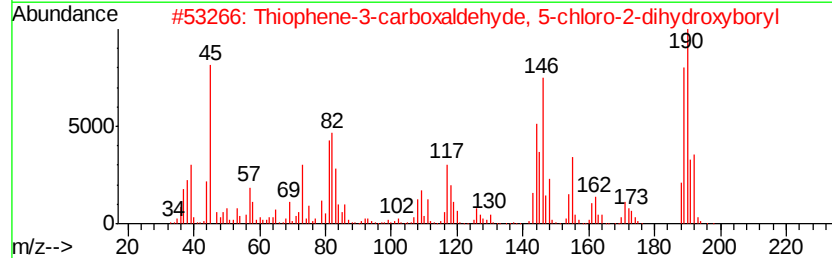
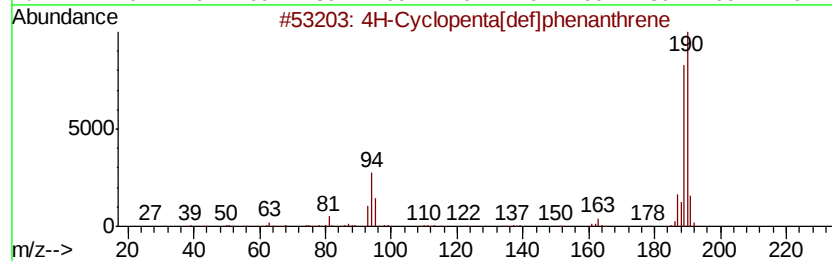
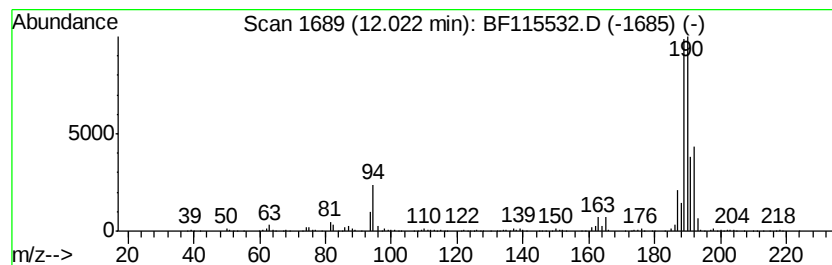
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HD-02-071119

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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 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	17.31 ng	857447	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
Acq On : 12 Jul 2019 17:57
Operator : HP/JU
Sample : K3618-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-071119

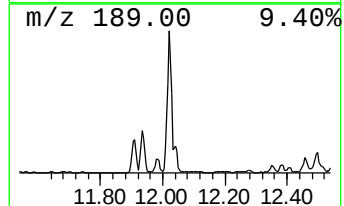
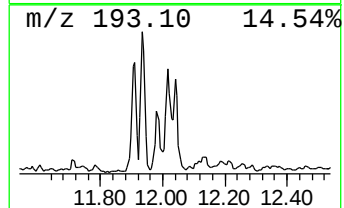
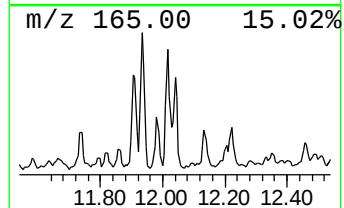
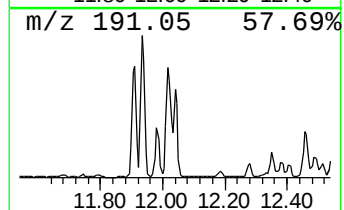
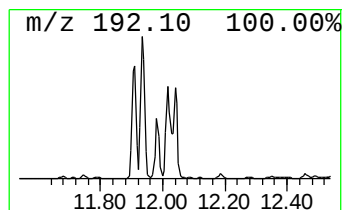
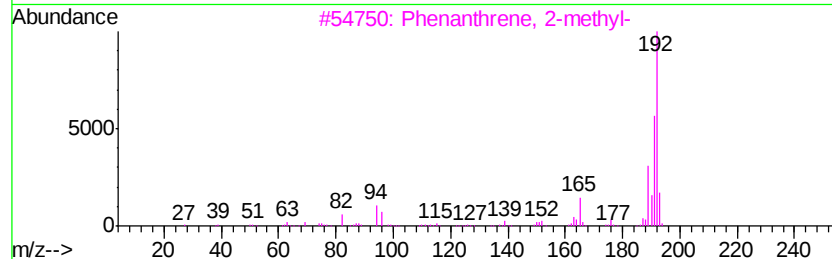
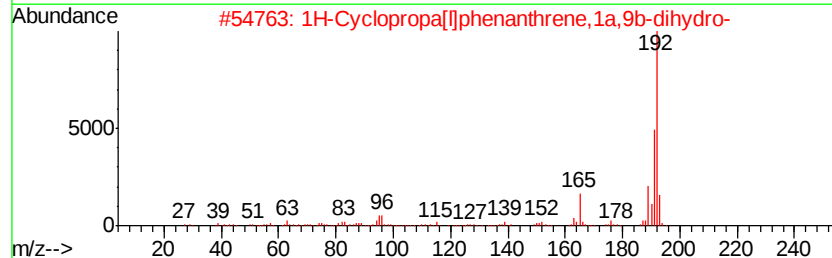
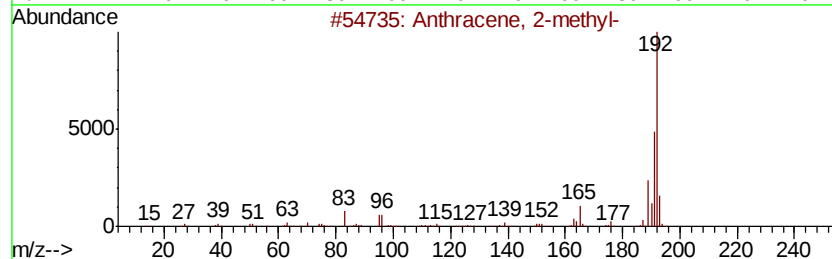
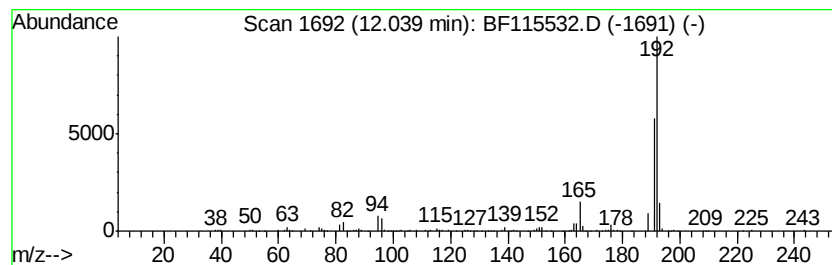
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.30 ng	262352	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
Acq On : 12 Jul 2019 17:57
Operator : HP/JU
Sample : K3618-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-02-071119

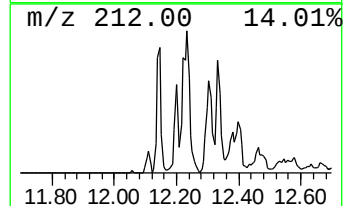
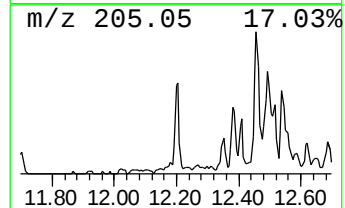
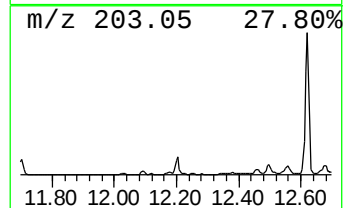
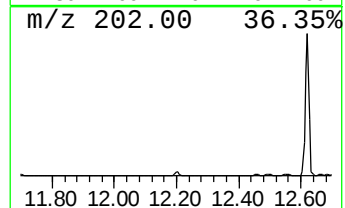
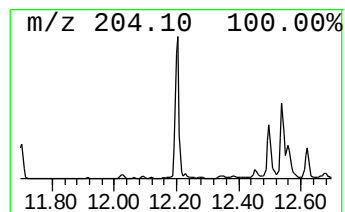
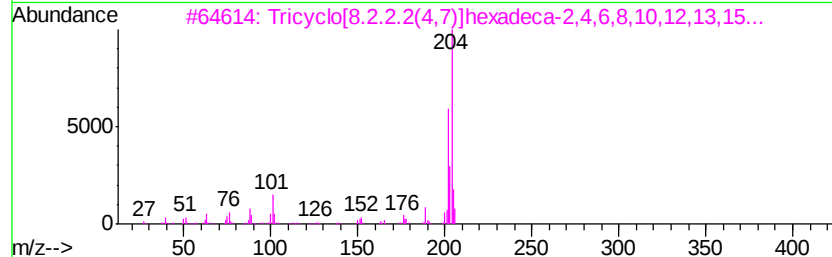
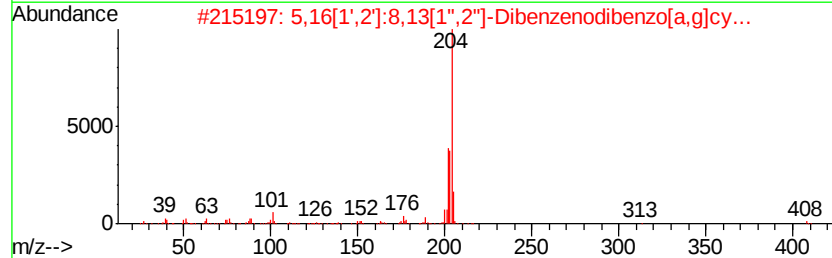
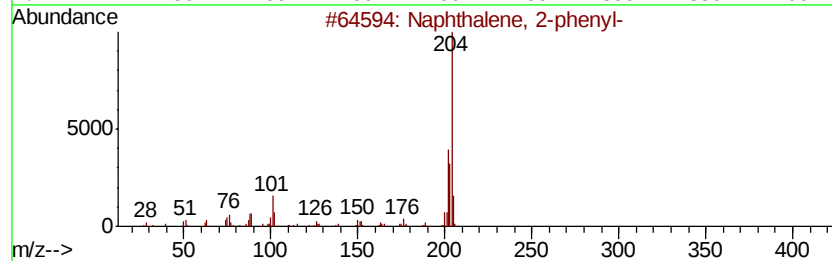
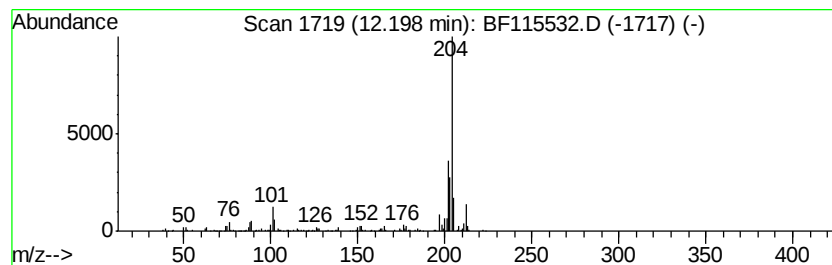
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.91 ng	193479	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
Acq On : 12 Jul 2019 17:57
Operator : HP/JU
Sample : K3618-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

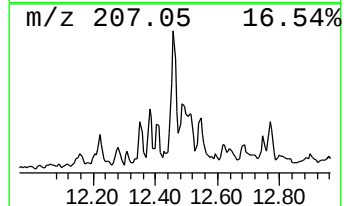
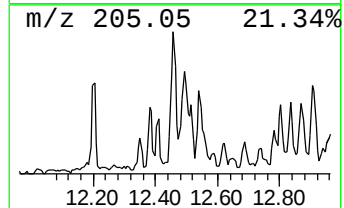
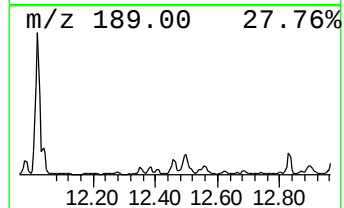
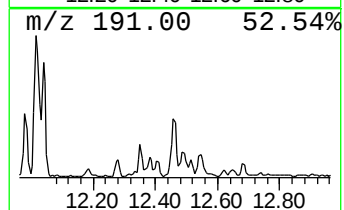
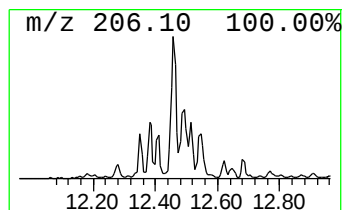
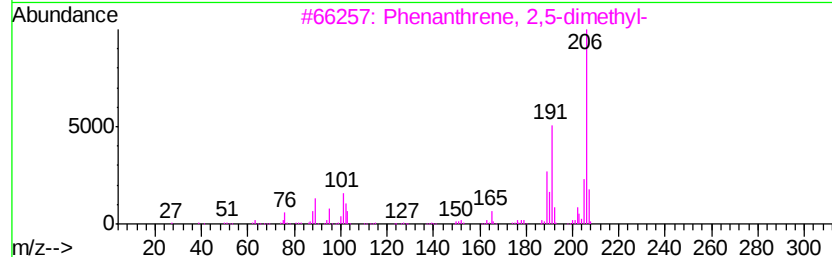
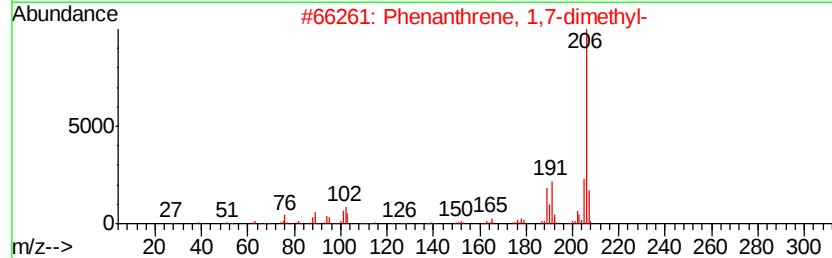
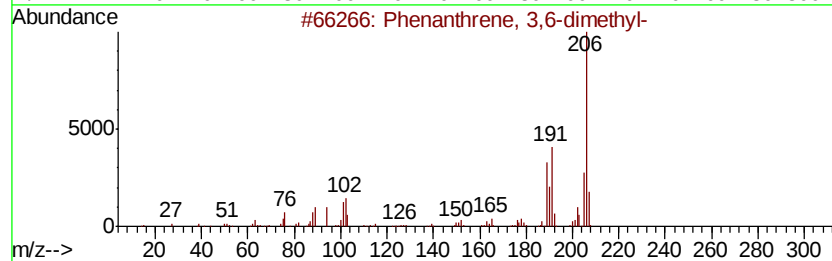
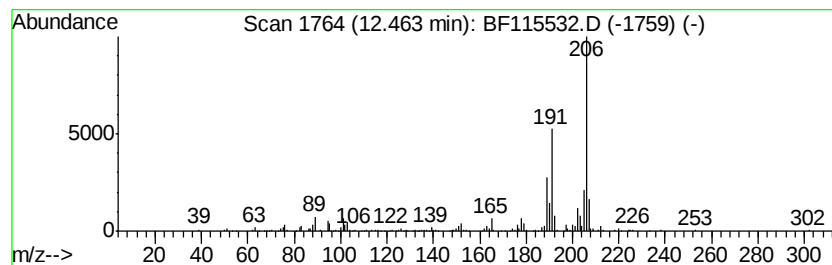
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.46	6.60 ng	326995	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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Misc :
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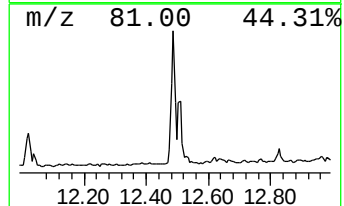
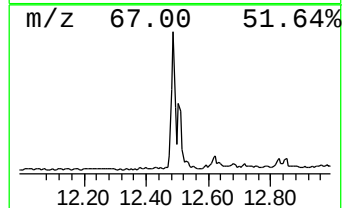
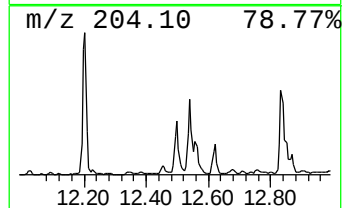
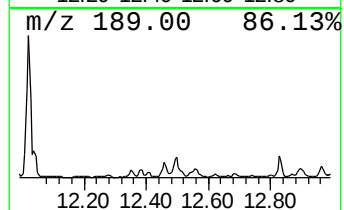
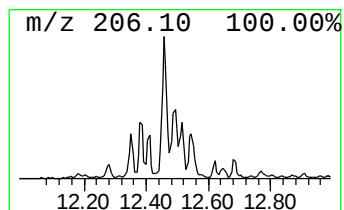
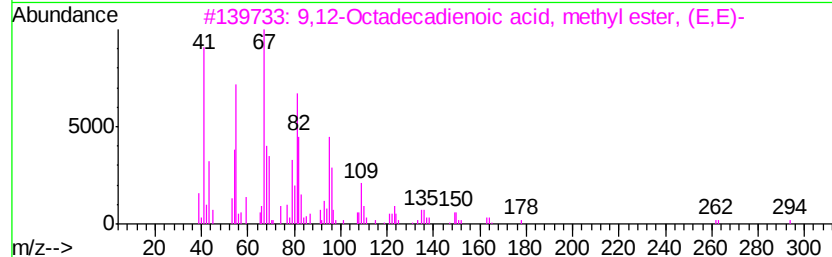
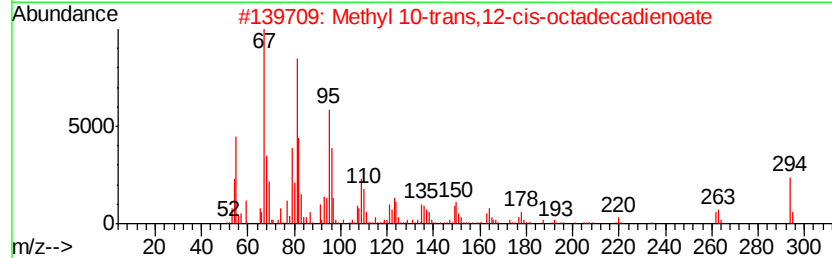
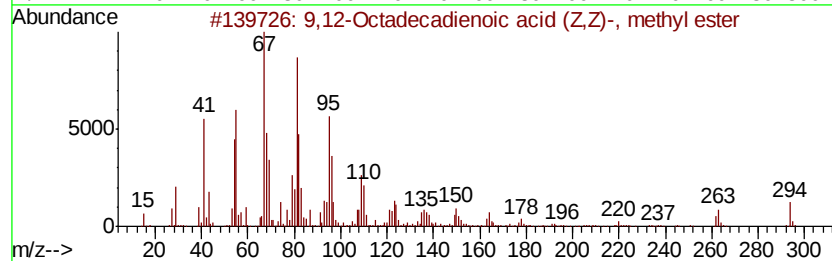
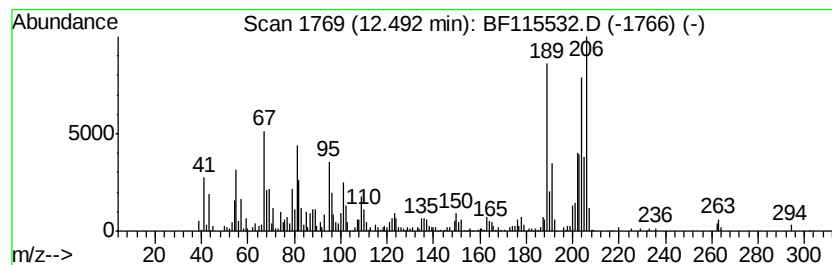
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.27 ng	508886	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294 C19H34O2	000112-63-0	99
2	Methyl 10-trans,12-cis-octadecad...	294 C19H34O2	1000336-44-2	98
3	9,12-Octadecadienoic acid, methv...	294 C19H34O2	002566-97-4	96
4	10,13-Octadecadienoic acid, meth...	294 C19H34O2	056554-62-2	96
5	Methyl 9-cis,11-trans-octadecadi...	294 C19H34O2	1000336-44-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115532.D
Acq On : 12 Jul 2019 17:57
Operator : HP/JU
Sample : K3618-03 5X
Misc :
ALS Vial : 7 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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	10.15 ng	502684	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99

