

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108213.D
 Acq On : 16 Aug 2018 23:36
 Operator : JU/SJ
 Sample : J4499-02 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-02(0-1)

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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.584	548	552	556	rBV	90957	95919	3.13%	0.246%
2	5.637	556	561	572	rVB	704483	654422	21.34%	1.677%
3	6.625	725	729	739	rVB	724392	655023	21.36%	1.678%
4	6.784	752	756	759	rVB	748723	652838	21.29%	1.673%
5	6.836	762	765	769	rBV3	111618	97126	3.17%	0.249%
6	7.013	792	795	802	rVB	1164692	1078570	35.17%	2.763%
7	7.172	818	822	825	rVB	628857	520678	16.98%	1.334%
8	7.278	836	840	845	rBV2	69305	73767	2.41%	0.189%
9	7.572	887	890	892	rBV	519737	424366	13.84%	1.087%
10	8.260	1004	1007	1010	rBV	82443	57490	1.87%	0.147%
11	8.301	1010	1014	1016	rVV	1448996	1303340	42.50%	3.339%
12	8.319	1016	1017	1024	rVB	201634	152340	4.97%	0.390%
13	8.872	1107	1111	1116	rBV	81723	72703	2.37%	0.186%
14	9.013	1131	1135	1138	rBV	245441	202349	6.60%	0.518%
15	9.113	1147	1152	1155	rBV	93008	79362	2.59%	0.203%
16	9.372	1192	1196	1199	rBV	831381	717723	23.40%	1.839%
17	9.436	1204	1207	1210	rVV	89287	68643	2.24%	0.176%
18	9.642	1235	1242	1246	rBV	138008	194099	6.33%	0.497%
19	9.713	1250	1254	1257	rBV	111482	115312	3.76%	0.295%
20	9.742	1257	1259	1260	rVV	84184	62923	2.05%	0.161%
21	9.830	1270	1274	1280	rBV	66783	86703	2.83%	0.222%
22	9.919	1283	1289	1292	rBV2	67088	78229	2.55%	0.200%
23	9.972	1294	1298	1302	rVV	88360	80680	2.63%	0.207%
24	10.060	1310	1313	1317	rBV2	1469463	1316793	42.94%	3.374%
25	10.095	1317	1319	1322	rVV	149052	122137	3.98%	0.313%
26	10.160	1326	1330	1334	rVB	51591	72090	2.35%	0.185%
27	10.260	1344	1347	1350	rVB2	96630	104794	3.42%	0.268%
28	10.295	1350	1353	1357	rVB2	80037	78881	2.57%	0.202%
29	10.372	1363	1366	1369	rBV	54784	58315	1.90%	0.149%
30	10.401	1369	1371	1375	rVV	90903	72285	2.36%	0.185%
31	10.466	1377	1382	1387	rVV3	119881	159315	5.19%	0.408%
32	10.613	1403	1407	1413	rBV4	116164	159398	5.20%	0.408%
33	10.695	1416	1421	1423	rVV3	59767	94883	3.09%	0.243%
34	10.848	1444	1447	1451	rBV	416079	397188	12.95%	1.018%

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35	10.948	1461	1464	1467	rBV2	109889	177917	5.80%	0.456%
36	11.160	1494	1500	1502	rBV4	50492	99197	3.23%	0.254%
37	11.289	1516	1522	1523	rBV5	48715	75171	2.45%	0.193%
38	11.360	1530	1534	1537	rBV	111631	108597	3.54%	0.278%
39	11.395	1537	1540	1543	rVV2	207669	200710	6.54%	0.514%
40	11.454	1547	1550	1553	rVB	141944	140722	4.59%	0.361%
41	11.560	1564	1568	1570	rBV	1247378	1283629	41.86%	3.289%
42	11.583	1570	1572	1575	rVV	1802525	1370854	44.70%	3.512%
43	11.630	1578	1580	1583	rVV	323132	258710	8.44%	0.663%
44	11.666	1583	1586	1589	rVV	85754	80957	2.64%	0.207%
45	11.783	1602	1606	1609	rBV	233732	230957	7.53%	0.592%
46	11.824	1610	1613	1615	rVB	110796	91617	2.99%	0.235%
47	11.889	1621	1624	1628	rVB	70538	65591	2.14%	0.168%
48	12.060	1650	1653	1655	rBV	373593	322248	10.51%	0.826%
49	12.089	1655	1658	1661	rVB	333446	294576	9.61%	0.755%
50	12.136	1663	1666	1669	rVB	95991	82856	2.70%	0.212%
51	12.171	1669	1672	1675	rBV2	342096	427970	13.96%	1.096%
52	12.236	1680	1683	1685	rBV	91715	86931	2.83%	0.223%
53	12.354	1700	1703	1705	rBV	173435	150685	4.91%	0.386%
54	12.383	1705	1708	1710	rVB	283667	237158	7.73%	0.608%
55	12.613	1744	1747	1751	rBV2	176891	229147	7.47%	0.587%
56	12.701	1759	1762	1766	rBV	120518	133996	4.37%	0.343%
57	12.783	1771	1776	1779	rVV	2897263	2704062	88.17%	6.928%
58	12.836	1784	1785	1788	rVB2	71477	57893	1.89%	0.148%
59	12.930	1799	1801	1804	rBV	73109	58869	1.92%	0.151%
60	13.013	1812	1815	1820	rVB	2512969	2313287	75.43%	5.927%
61	13.054	1820	1822	1827	rVB2	128830	122645	4.00%	0.314%
62	13.142	1832	1837	1839	rVV2	621625	621501	20.27%	1.592%
63	13.165	1839	1841	1845	rVB	171920	155293	5.06%	0.398%
64	13.218	1847	1850	1855	rBV2	127520	223164	7.28%	0.572%
65	13.313	1863	1866	1867	rVV2	88129	98863	3.22%	0.253%
66	13.336	1867	1870	1873	rVB	347834	306153	9.98%	0.784%
67	13.401	1878	1881	1884	rVV	294706	288409	9.40%	0.739%
68	13.442	1885	1888	1891	rVV2	216781	224527	7.32%	0.575%
69	13.536	1901	1904	1906	rBV	134295	115222	3.76%	0.295%
70	13.565	1906	1909	1912	rVB	118040	107551	3.51%	0.276%
71	13.818	1949	1952	1954	rBV3	80928	97272	3.17%	0.249%

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72	13.842	1954	1956	1962	rVB	193924	223866	7.30%	0.574%
73	13.960	1971	1976	1979	rBV3	330927	399746	13.03%	1.024%
74	13.989	1979	1981	1983	rVV	243899	204841	6.68%	0.525%
75	14.012	1983	1985	1989	rVV2	247712	368589	12.02%	0.944%
76	14.054	1989	1992	2000	rVB2	282363	304419	9.93%	0.780%
77	14.130	2003	2005	2008	rVV	92879	87151	2.84%	0.223%
78	14.165	2008	2011	2014	rVV2	295875	336388	10.97%	0.862%
79	14.207	2014	2018	2022	rVV3	1940616	3066734	100.00%	7.857%
80	14.242	2022	2024	2031	rVB	1615440	1293363	42.17%	3.314%
81	14.318	2035	2037	2039	rVV	268481	236108	7.70%	0.605%
82	14.354	2041	2043	2046	rVV	175650	186130	6.07%	0.477%
83	14.401	2049	2051	2053	rVV	136615	113821	3.71%	0.292%
84	14.436	2053	2057	2060	rVV2	162842	213813	6.97%	0.548%
85	14.595	2080	2084	2087	rVV	173335	213427	6.96%	0.547%
86	14.630	2087	2090	2096	rVV5	165543	240560	7.84%	0.616%
87	14.701	2100	2102	2104	rVV	103089	102049	3.33%	0.261%
88	14.730	2104	2107	2109	rVV	164383	181372	5.91%	0.465%
89	14.754	2109	2111	2115	rVV	197549	180894	5.90%	0.463%
90	14.801	2115	2119	2126	rVB4	82354	159017	5.19%	0.407%
91	15.130	2173	2175	2182	rVB	120910	162749	5.31%	0.417%
92	15.307	2200	2205	2208	rBV	1200372	1853702	60.45%	4.749%
93	15.424	2221	2225	2229	rVB	177061	197177	6.43%	0.505%
94	15.642	2257	2262	2268	rVB	677855	990813	32.31%	2.538%
95	15.706	2268	2273	2278	rVV	820248	1050360	34.25%	2.691%
96	15.777	2279	2285	2288	rVV	638121	927936	30.26%	2.377%
97	15.806	2288	2290	2297	rVB	248606	345948	11.28%	0.886%
98	17.389	2553	2559	2568	rBV2	383777	817608	26.66%	2.095%
99	17.653	2600	2604	2608	rBV2	52833	85341	2.78%	0.219%
100	17.889	2637	2644	2657	rVB	297682	682959	22.27%	1.750%

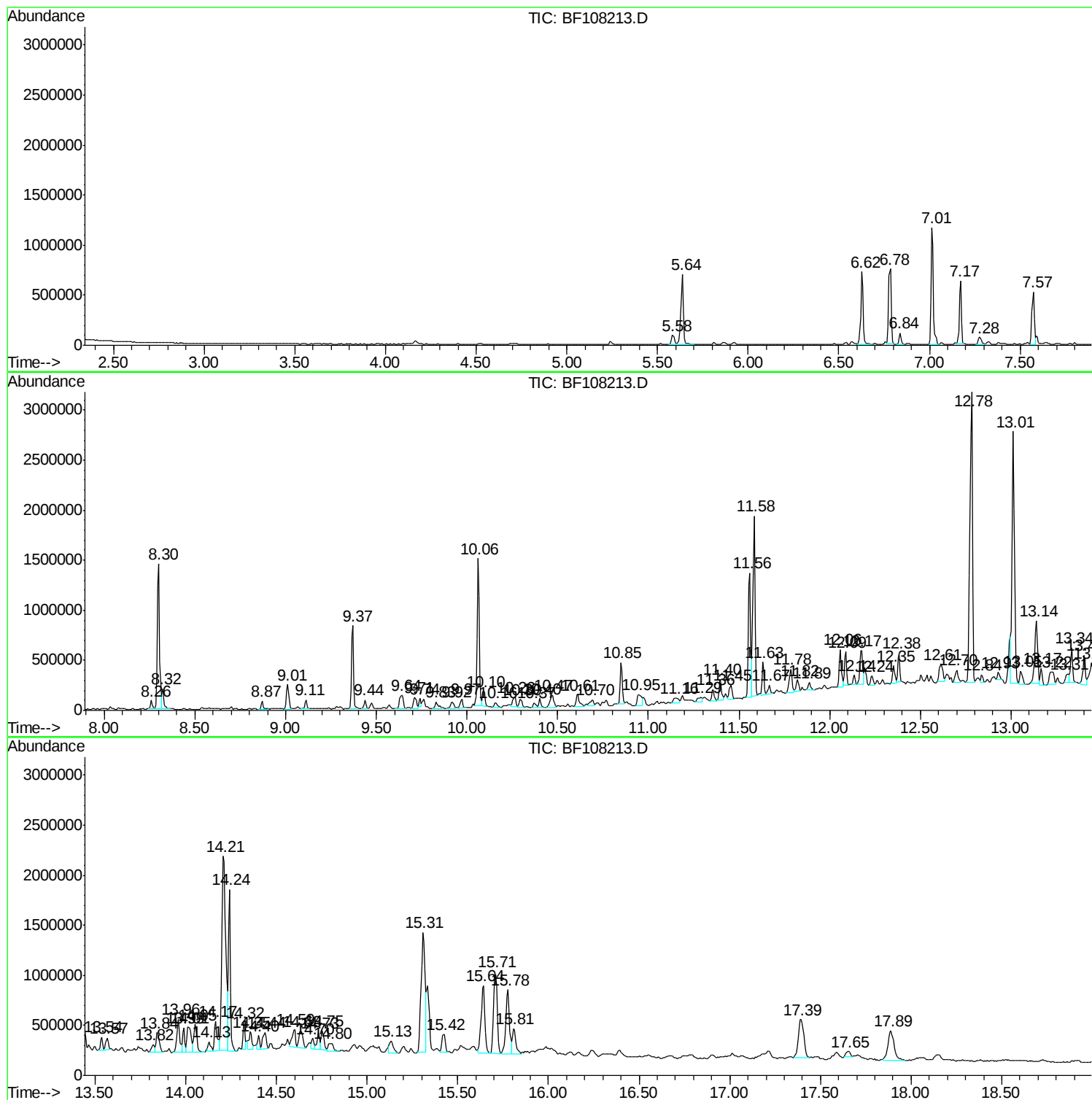
Sum of corrected areas: 39032472

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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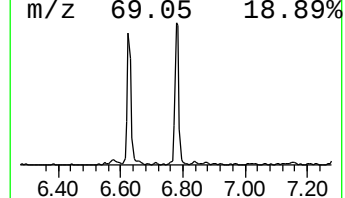
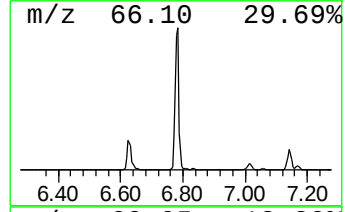
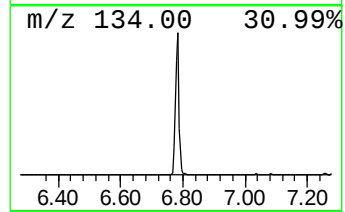
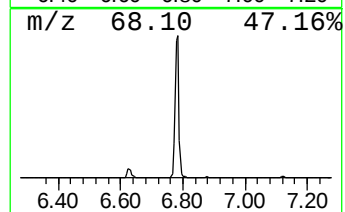
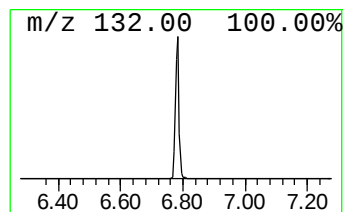
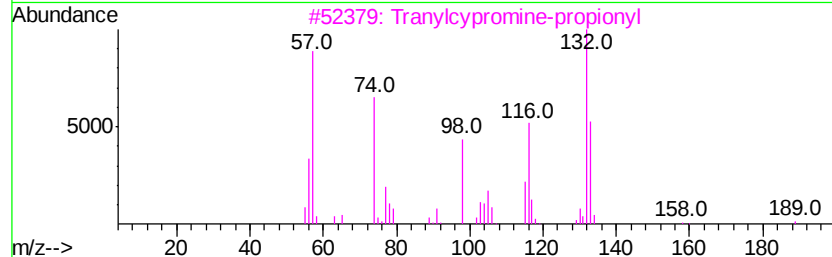
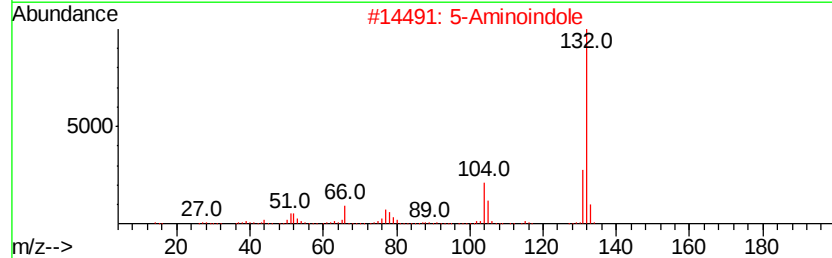
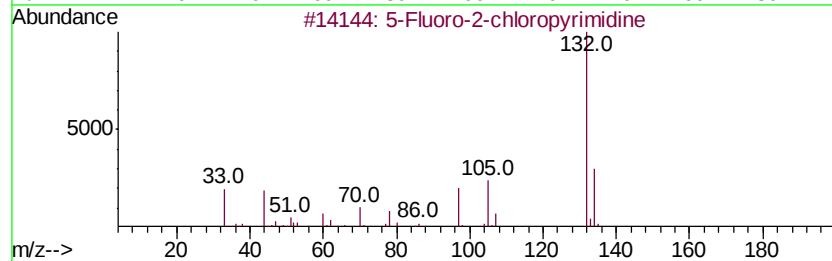
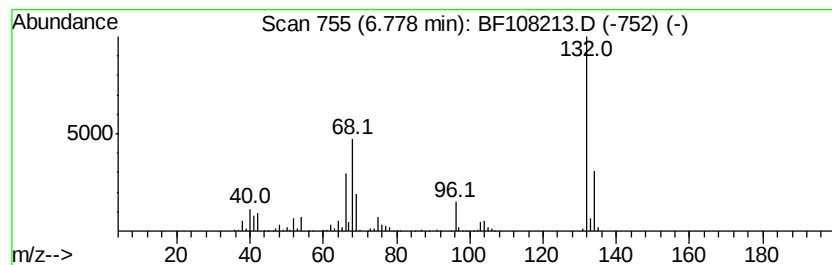
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	12.11 ng	652838	1,4-Dichlorobenzene-d4	7.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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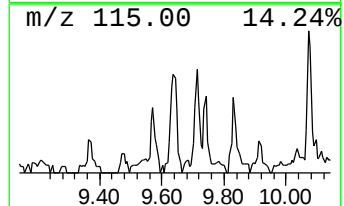
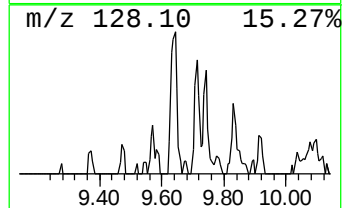
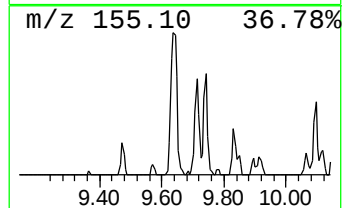
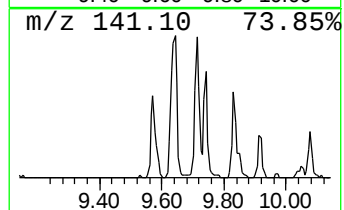
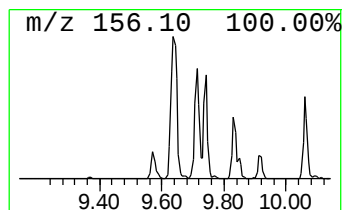
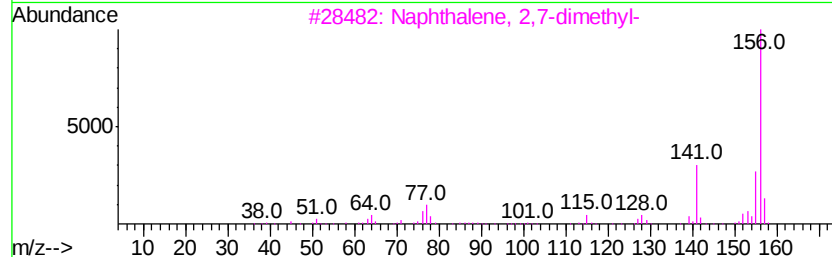
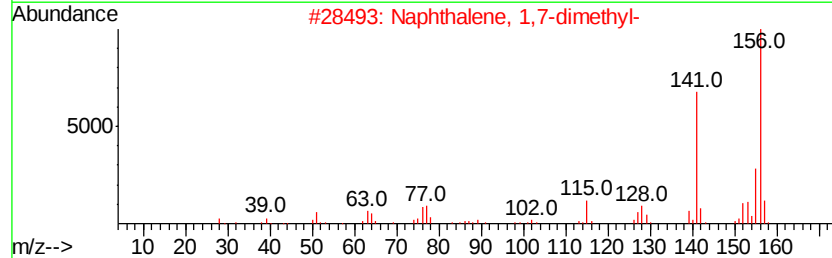
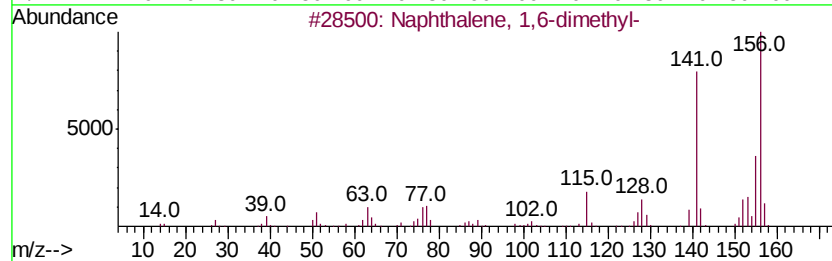
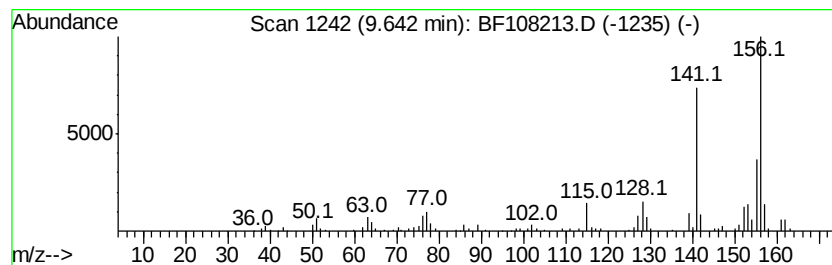
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Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.64	2.95 ng	194099	Acenaphthene-d10	10.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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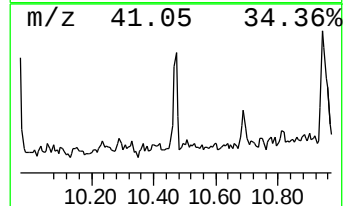
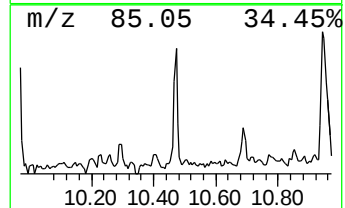
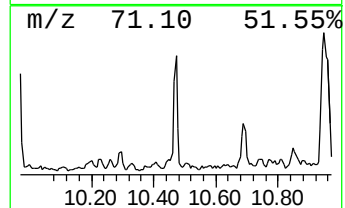
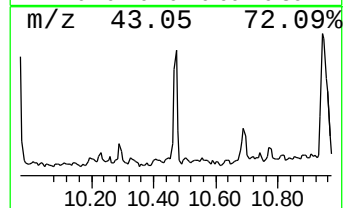
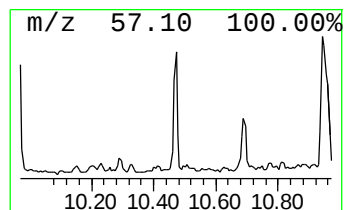
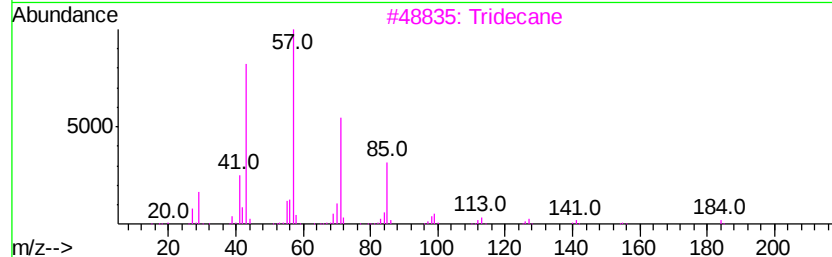
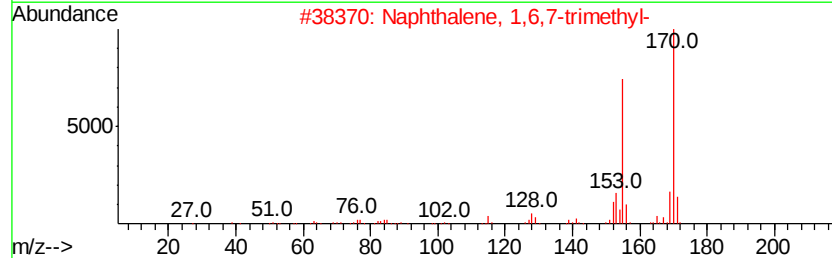
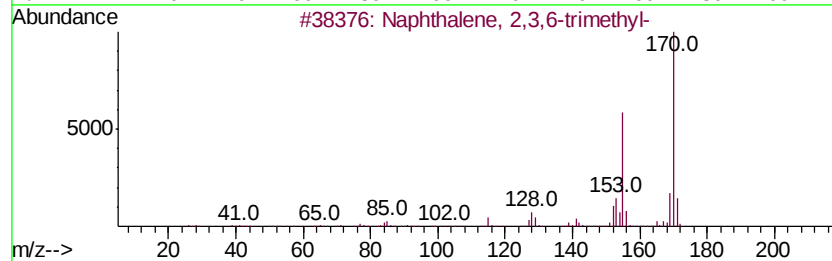
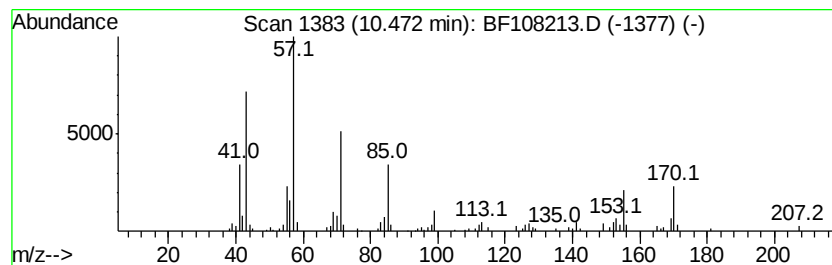
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	2.42 ng	159315	Acenaphthene-d10	10.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 64
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 64
3		Tridecane	184 C13H28	000629-50-5 60
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 60
5		Octane, 3,5-dimethyl-	142 C10H22	015869-93-9 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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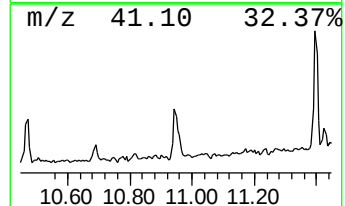
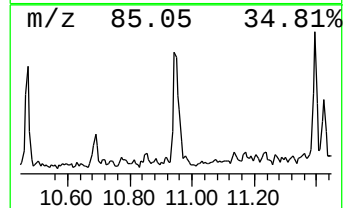
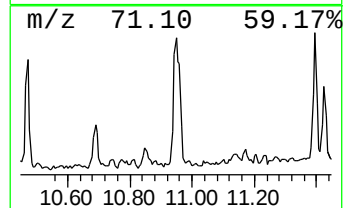
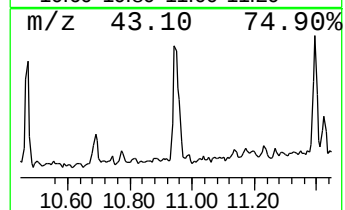
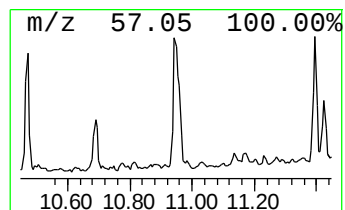
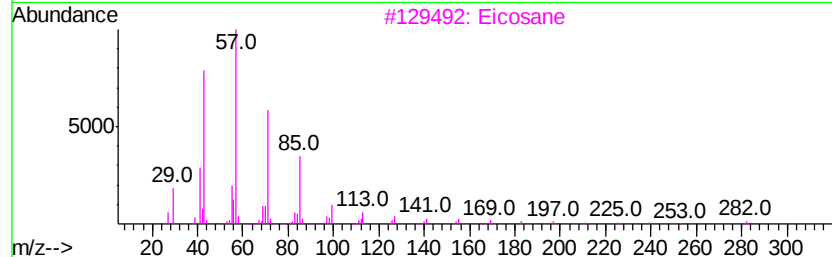
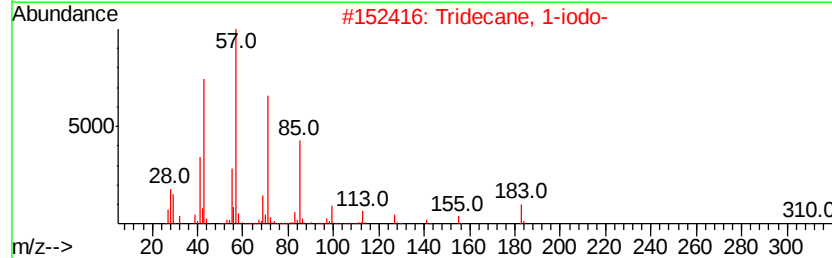
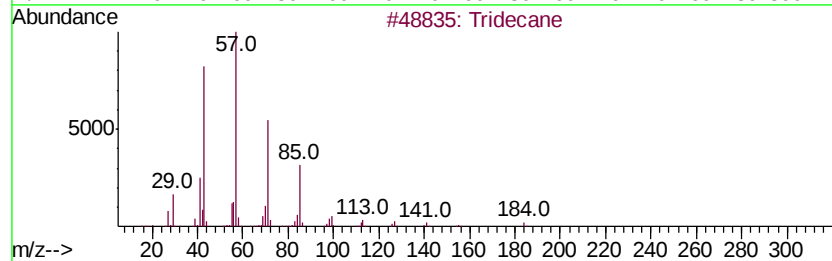
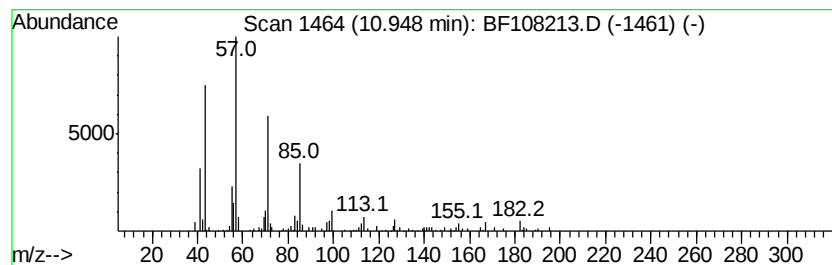
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.77 ng	177917	Phenanthrene-d10	11.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	95
2	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
3	Eicosane		282	C20H42	000112-95-8	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Sample : J4499-02 5X
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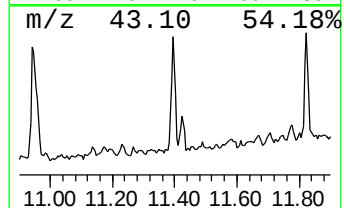
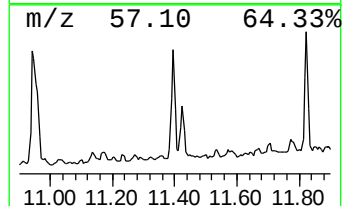
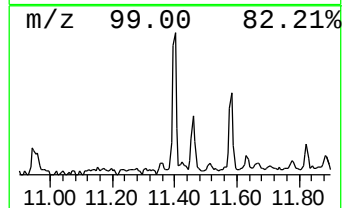
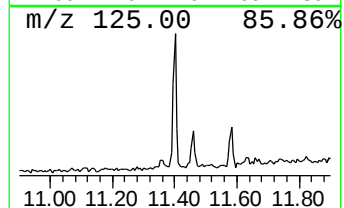
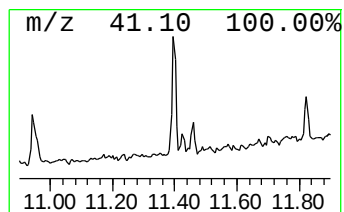
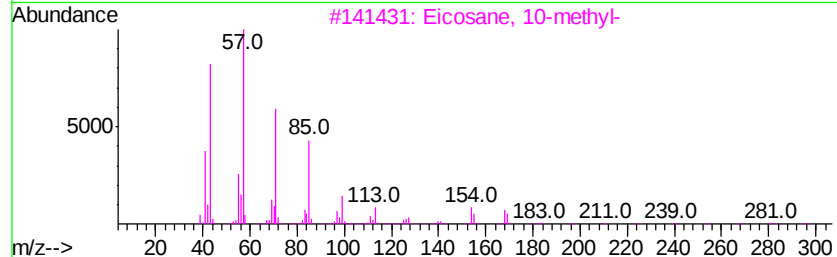
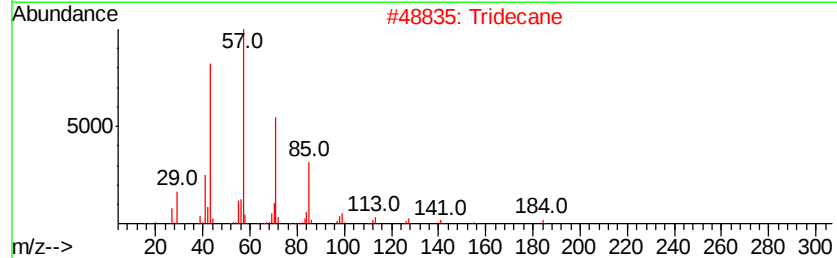
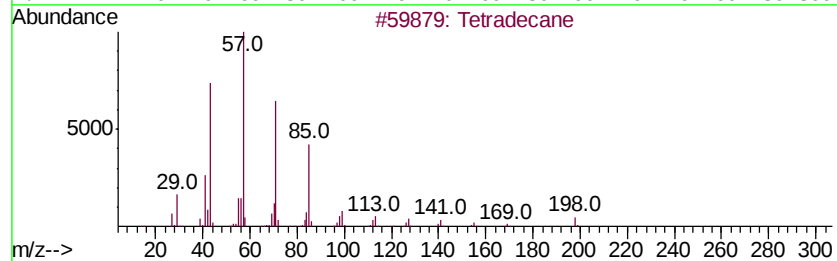
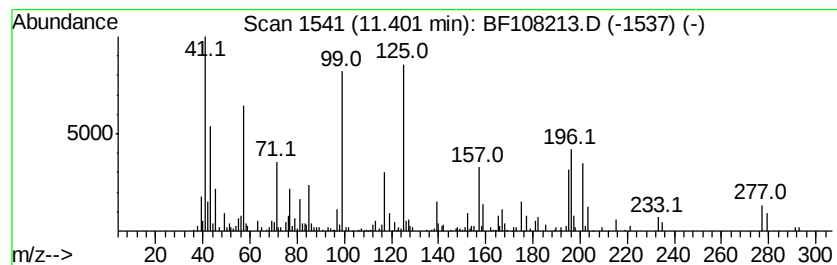
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.40	3.13 ng	200710	Phenanthrene-d10	11.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	56
2	Tridecane	184	C13H28	000629-50-5	42
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	30
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	30
5	3-Methyl-isoxazol-5(4H)-one	99	C4H5NO2	001517-96-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
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Sample : J4499-02 5X
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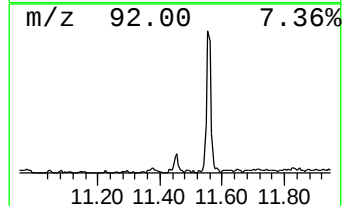
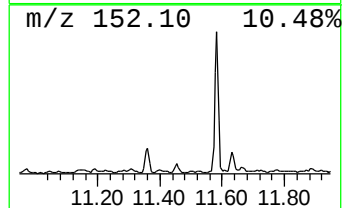
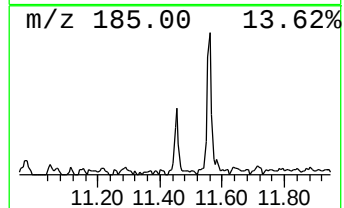
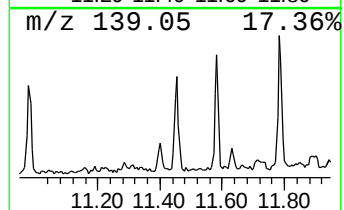
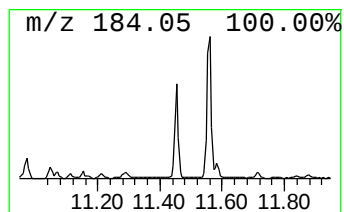
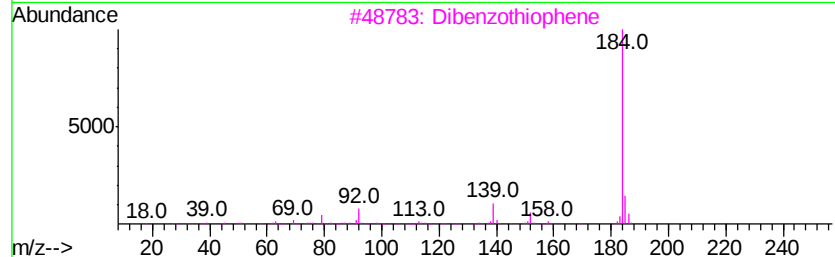
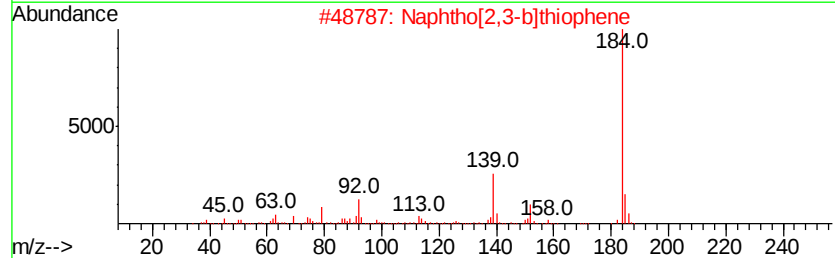
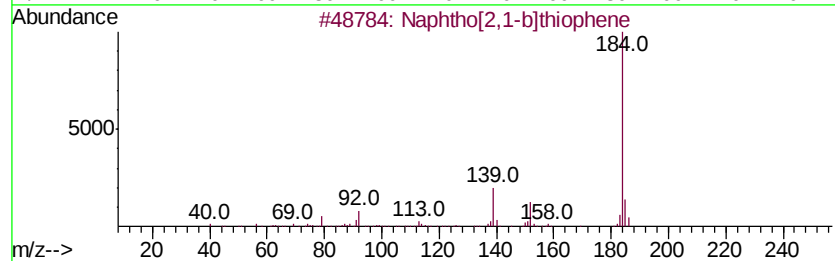
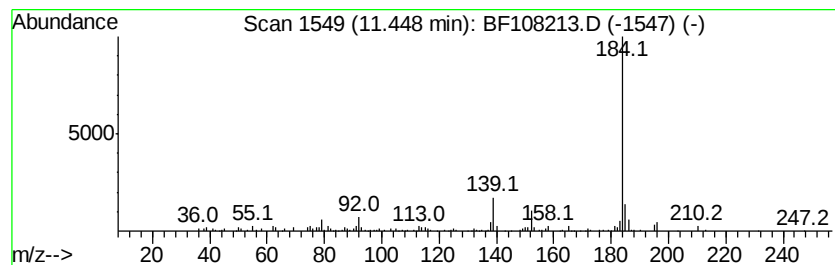
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.45	2.19 ng	140722	Phenanthrene-d10	11.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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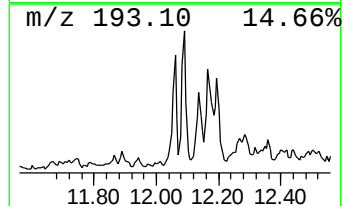
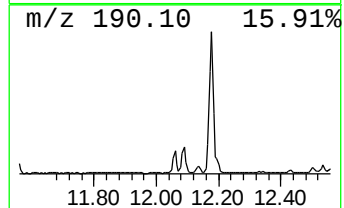
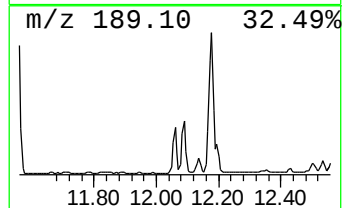
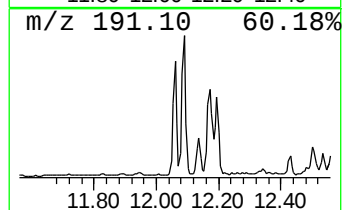
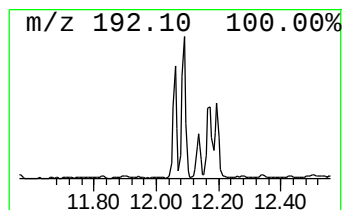
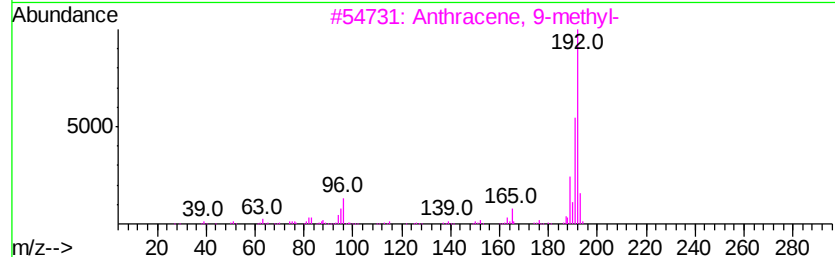
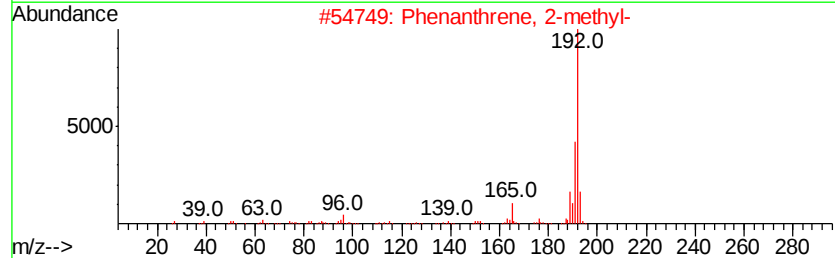
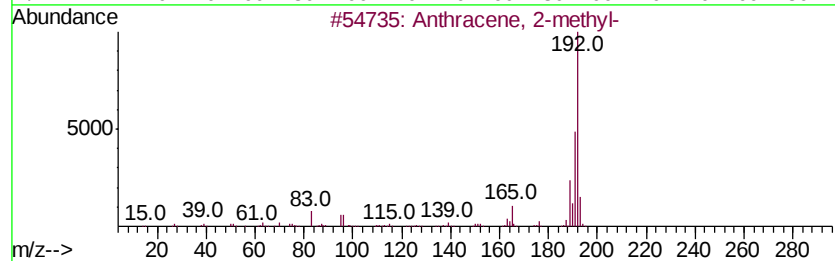
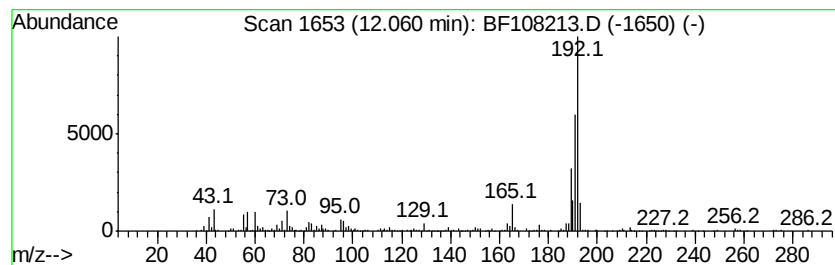
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	5.02 ng	322248	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89



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Data File : BF108213.D
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Operator : JU/SJ
Sample : J4499-02 5X
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Instrument :
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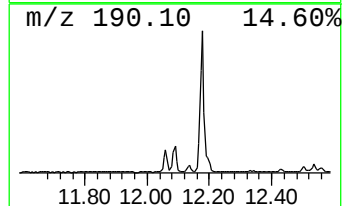
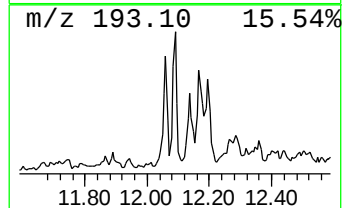
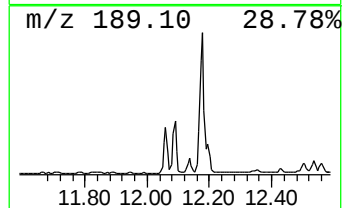
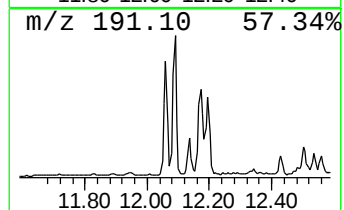
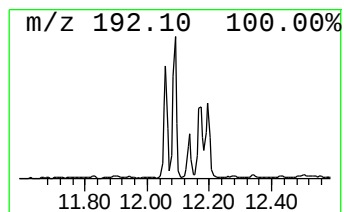
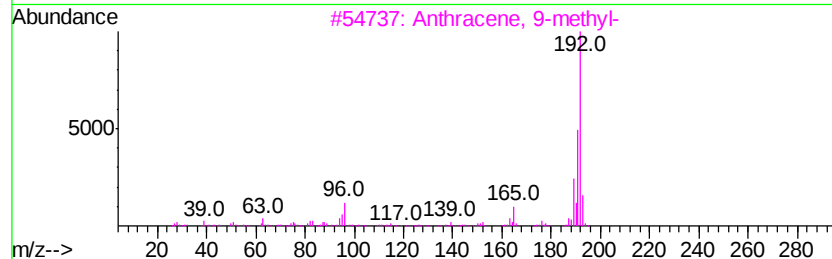
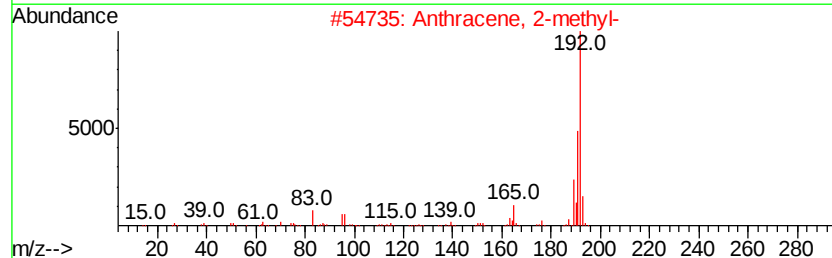
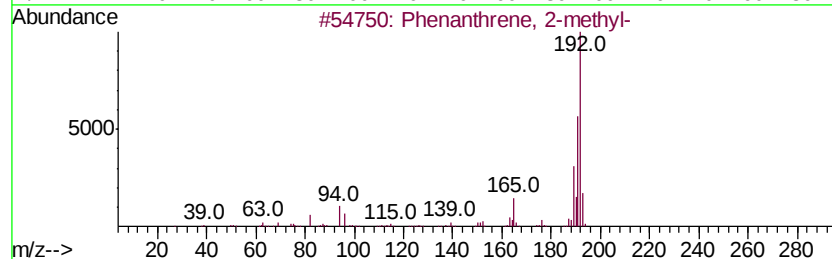
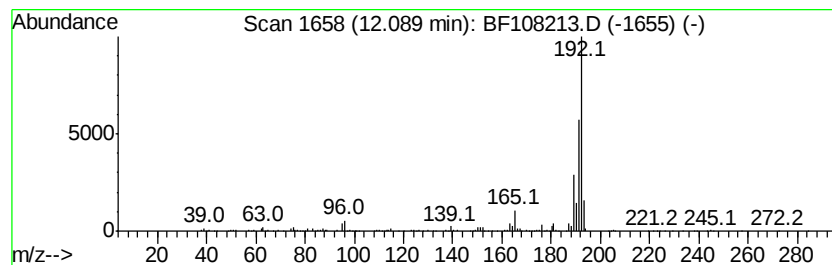
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.59 ng	294576	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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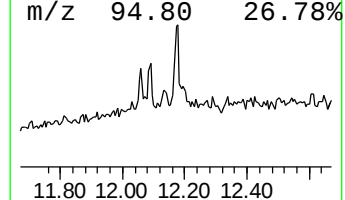
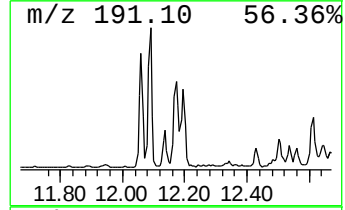
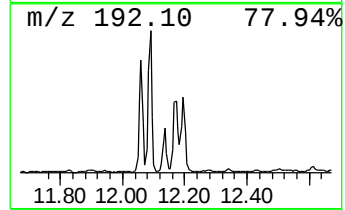
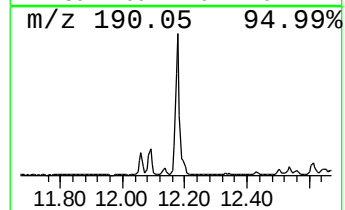
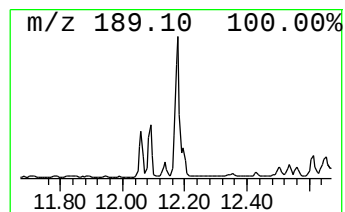
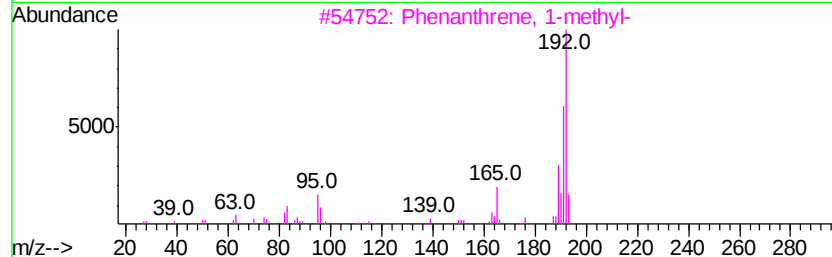
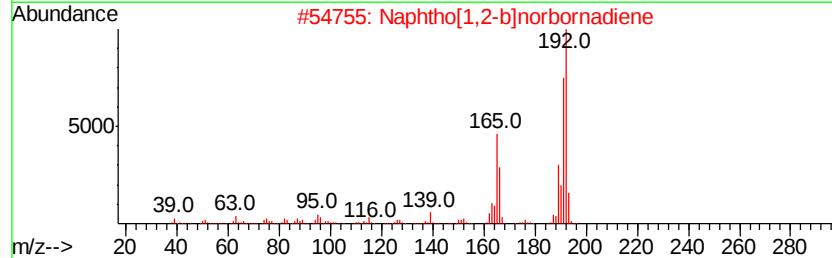
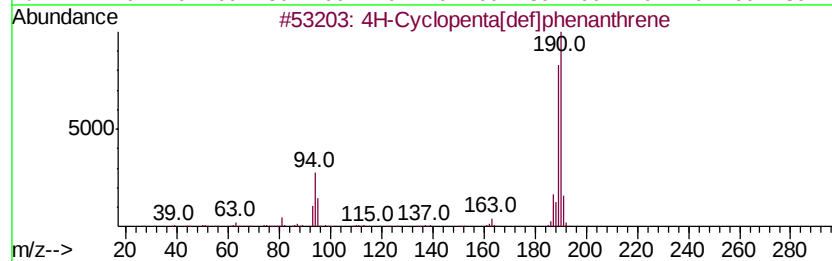
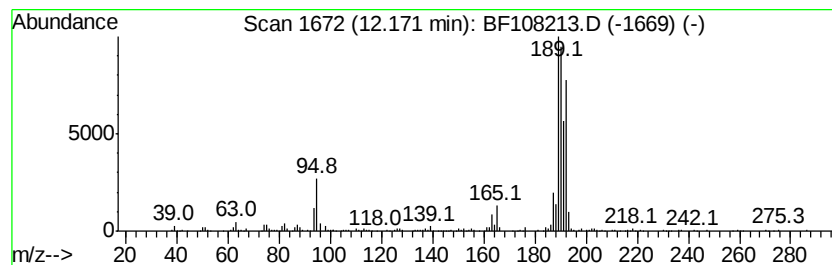
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.17	6.67 ng	427970	Phenanthrene-d10	11.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
LSB-02(0-1)

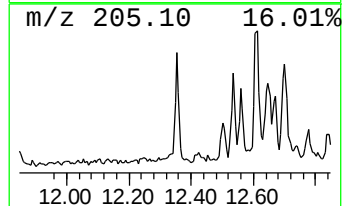
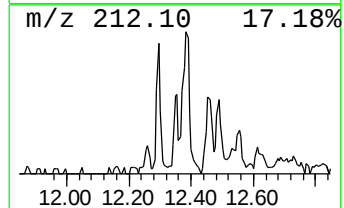
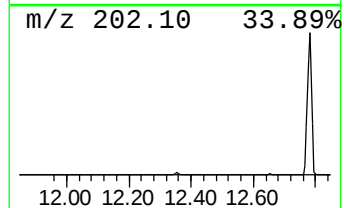
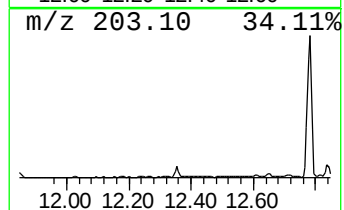
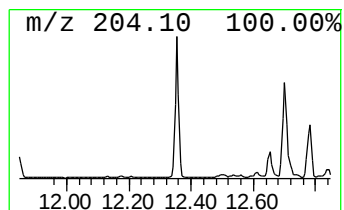
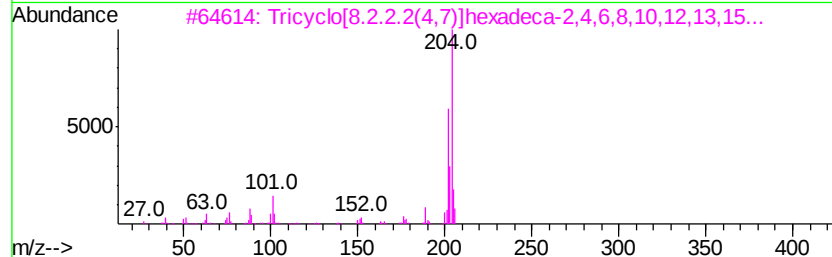
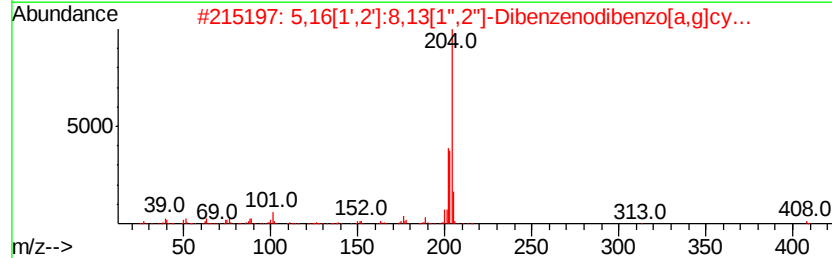
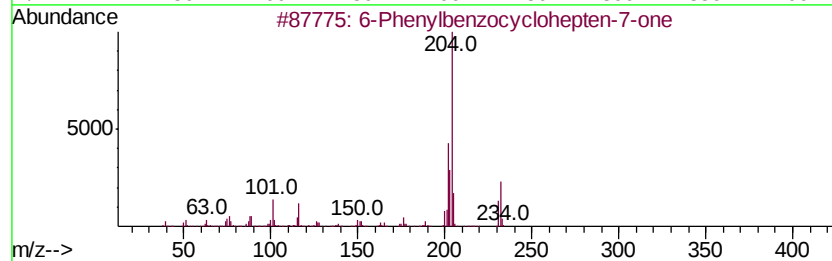
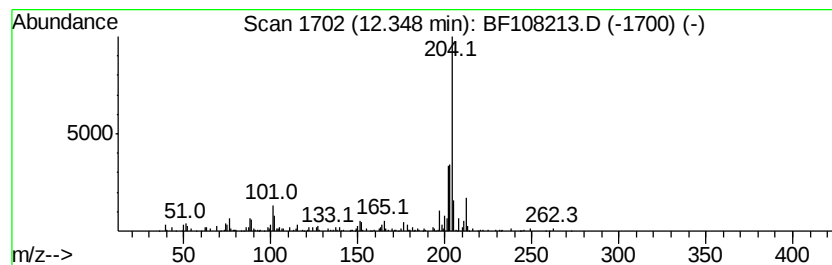
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 6-Phenylbenzocyclohepten-7-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	2.35 ng	150685	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-02(0-1)

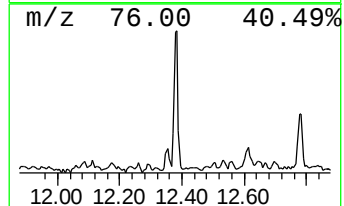
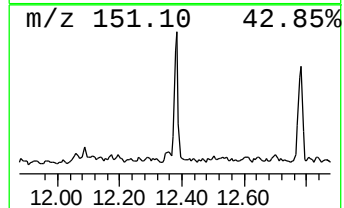
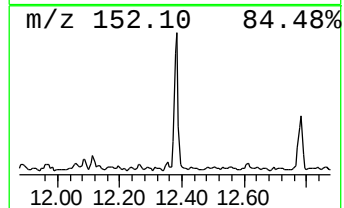
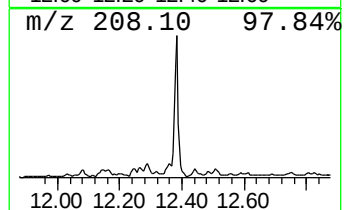
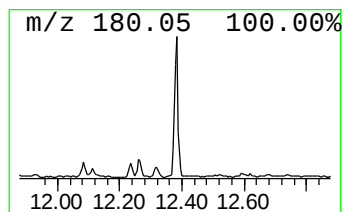
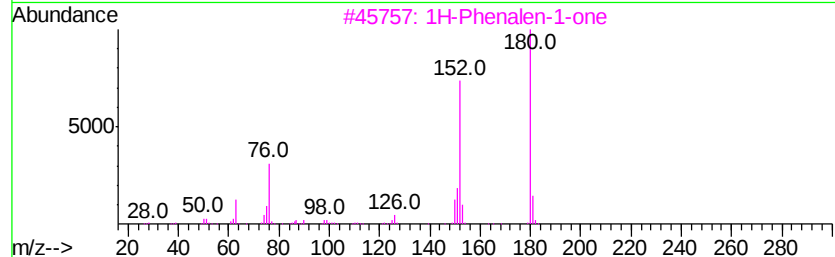
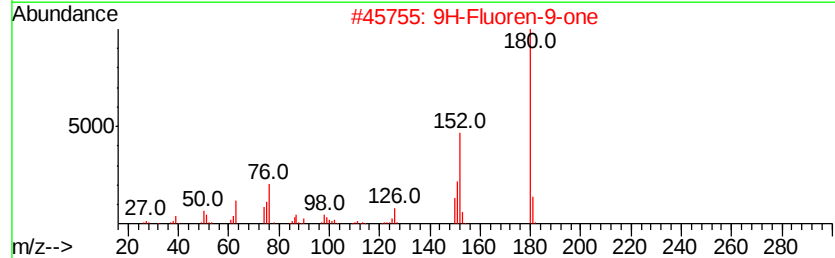
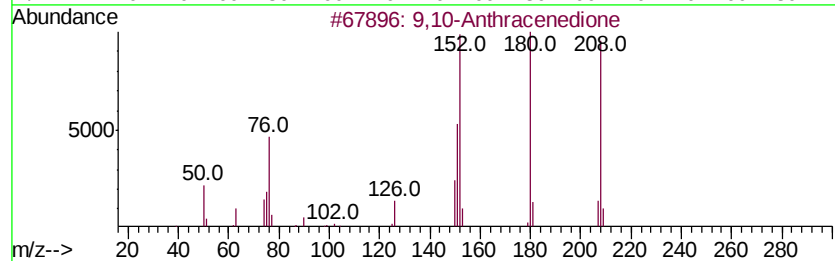
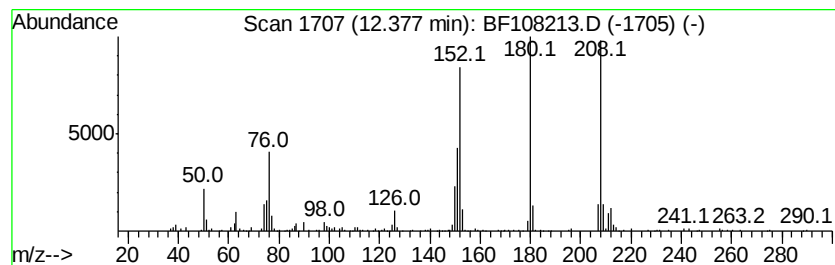
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	3.70 ng	237158	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSB-02(0-1)

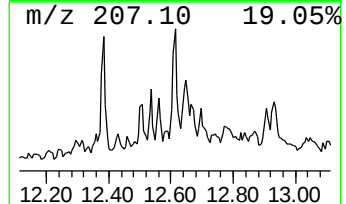
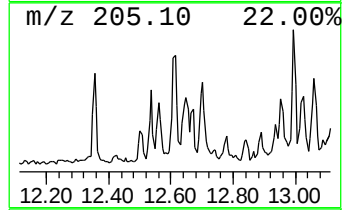
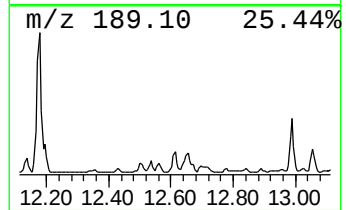
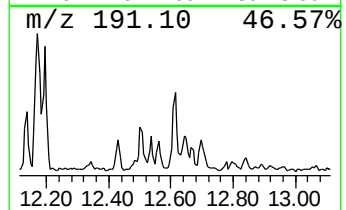
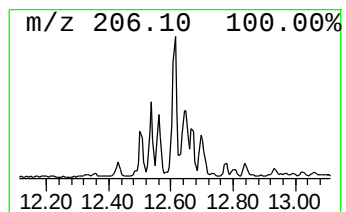
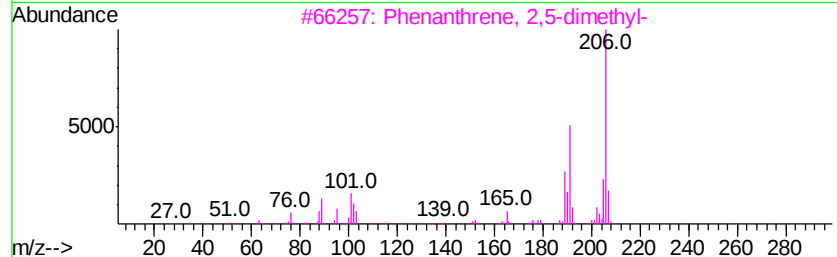
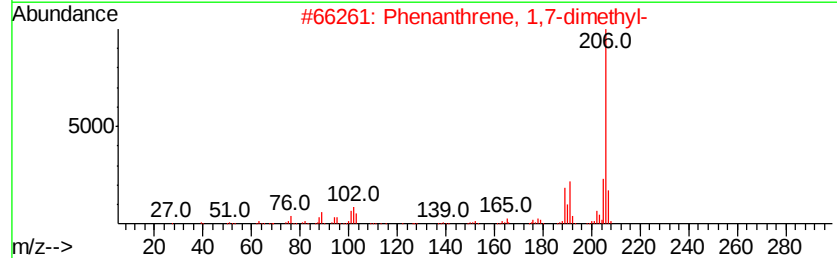
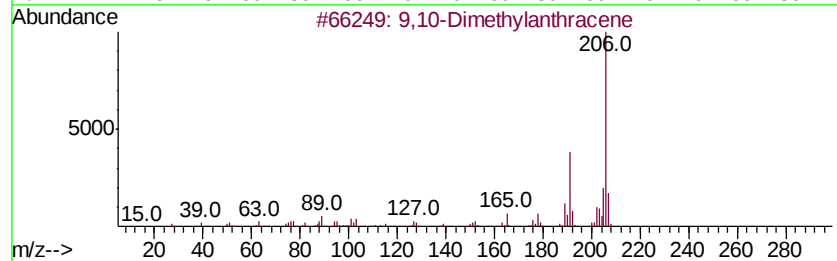
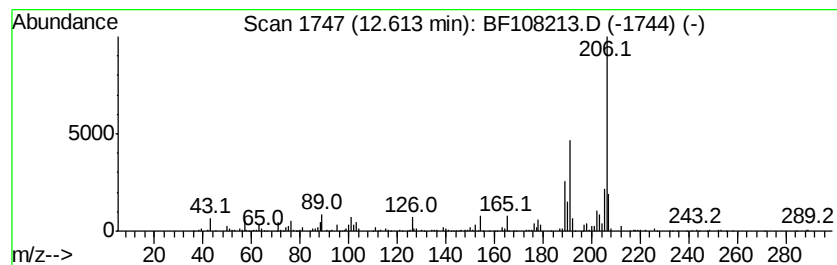
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	3.57 ng	229147	Phenanthrene-d10	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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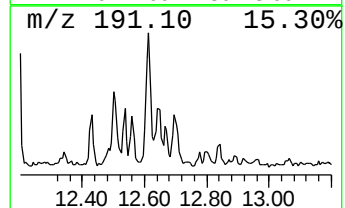
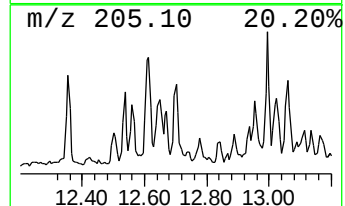
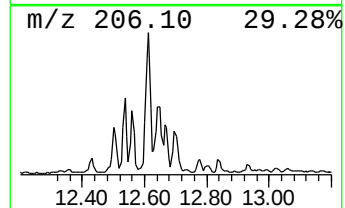
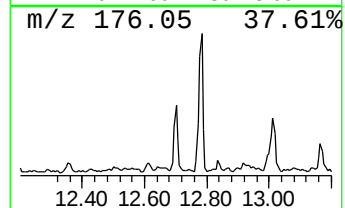
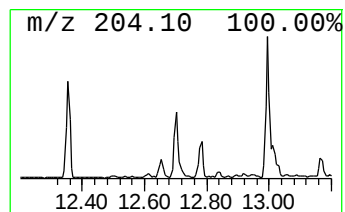
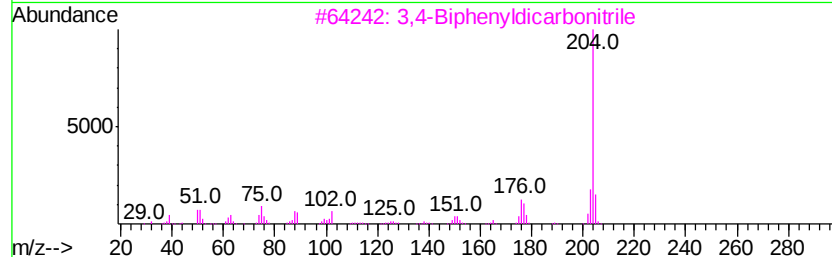
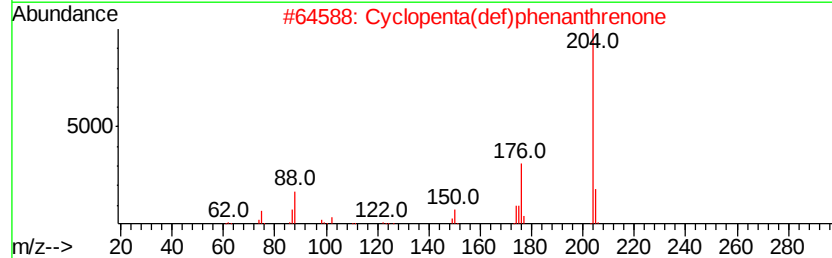
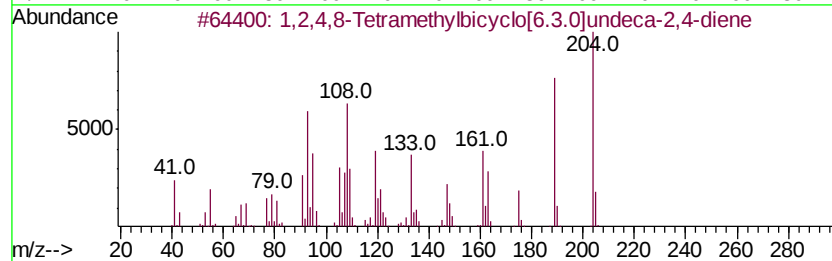
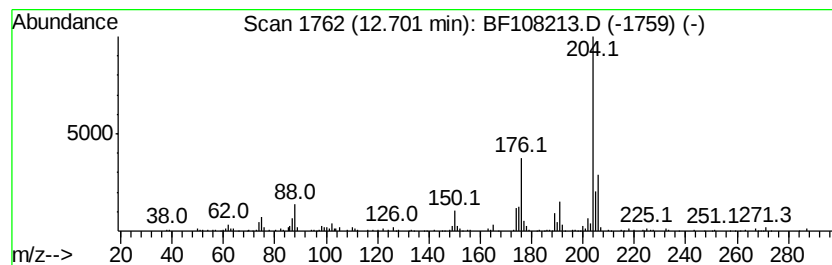
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.09 ng	133996	Phenanthrene-d10	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	95
2		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
5		Mannose, 6-deoxy-2,3,4,5-tetra...	452	C18H44O5Si4	019127-15-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

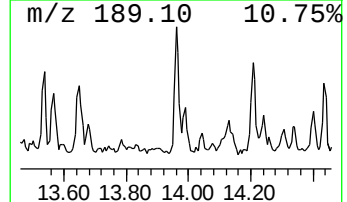
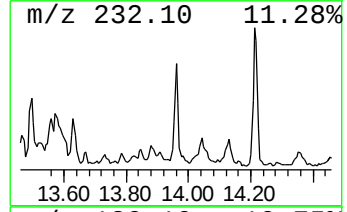
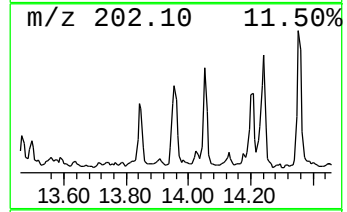
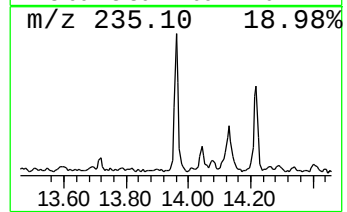
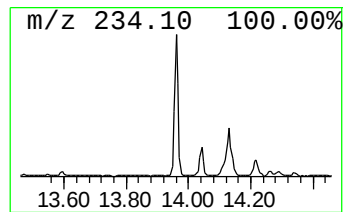
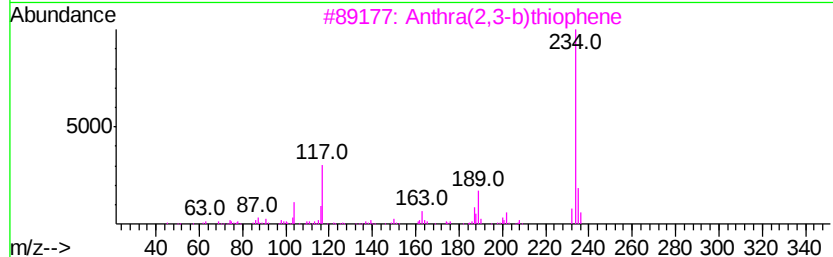
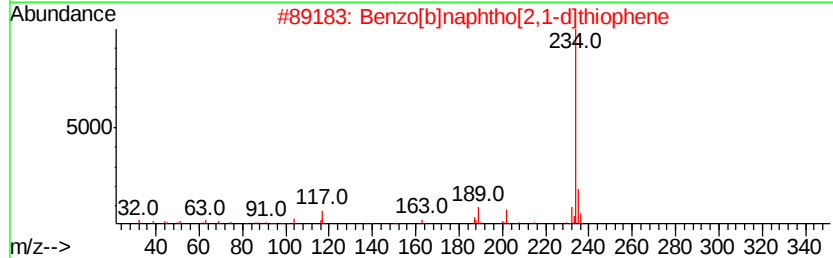
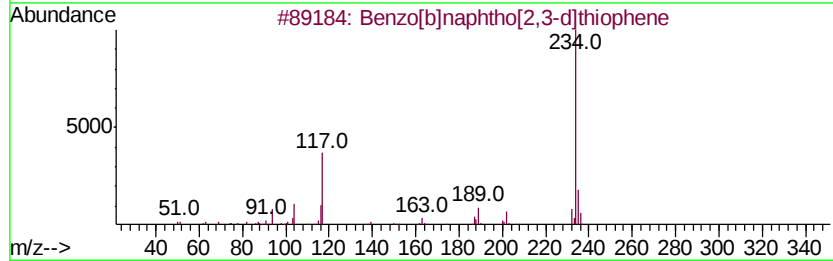
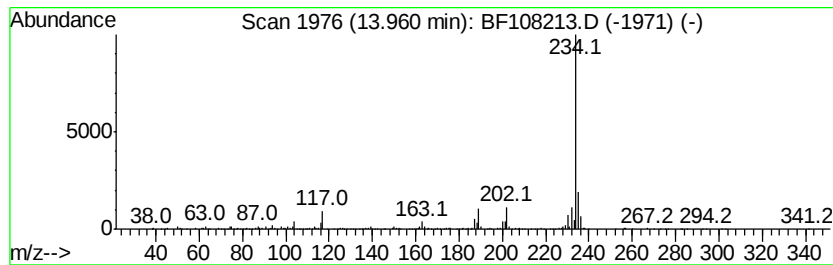
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.96	2.61 ng	399746	Chrysene-d12	14.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
4		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	91
5		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSB-02(0-1)

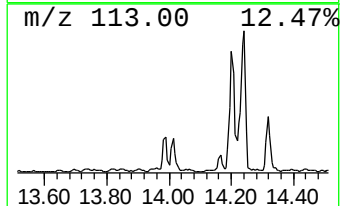
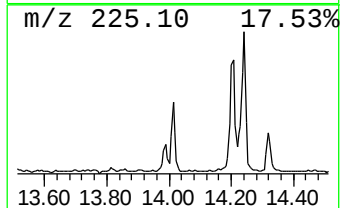
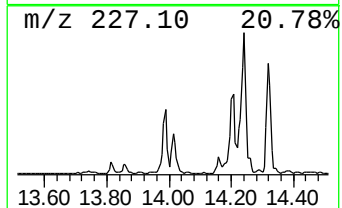
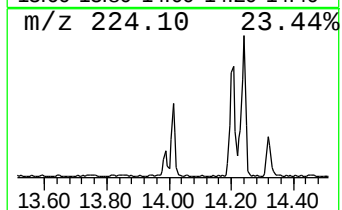
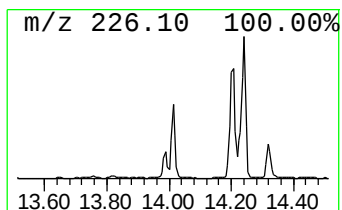
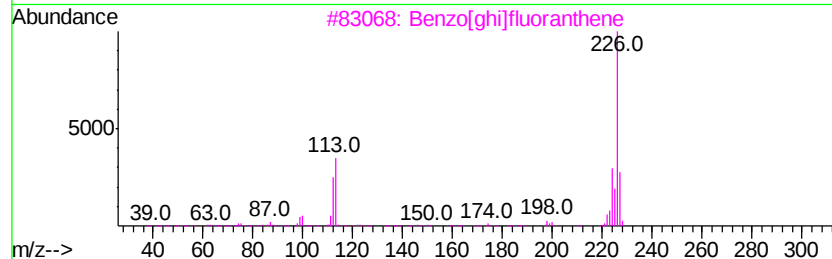
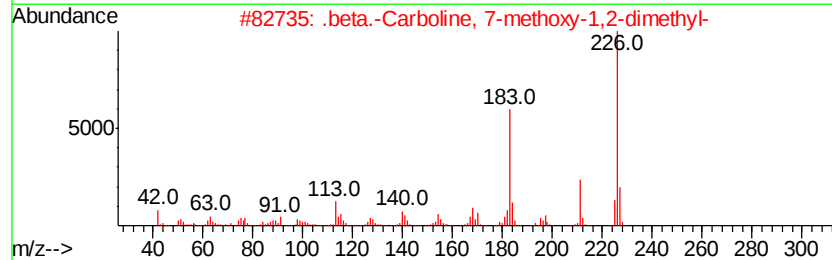
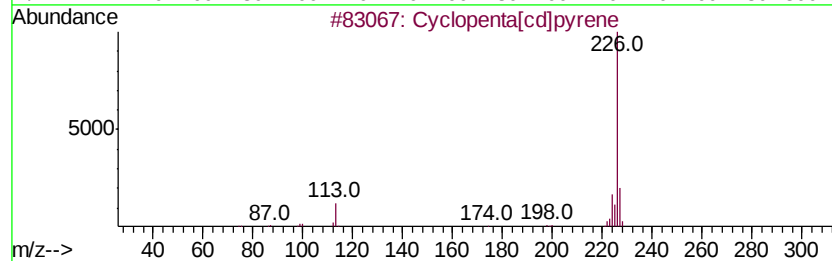
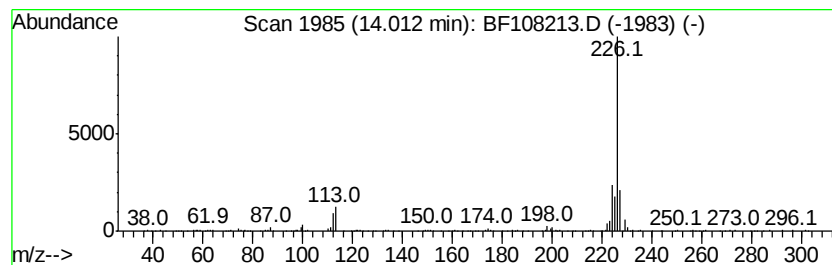
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.40 ng	368589	Chrysene-d12	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	93
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	50
4		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
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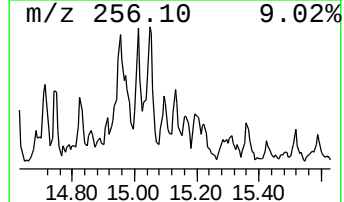
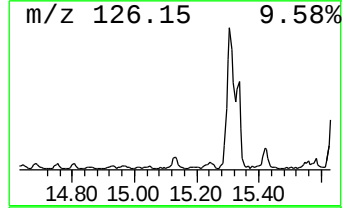
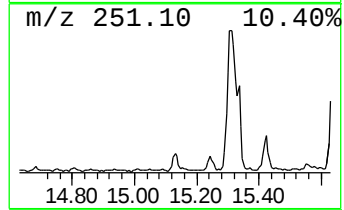
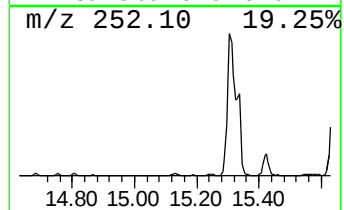
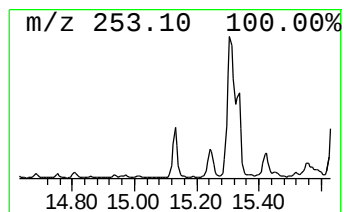
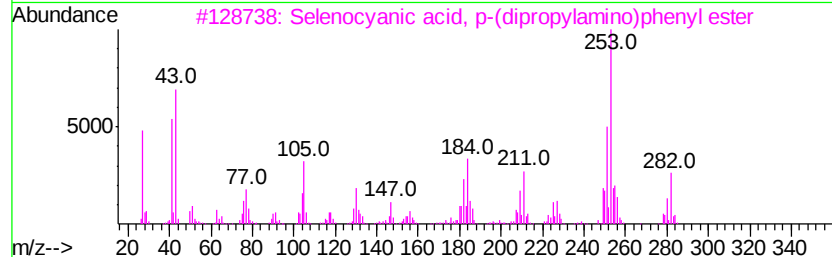
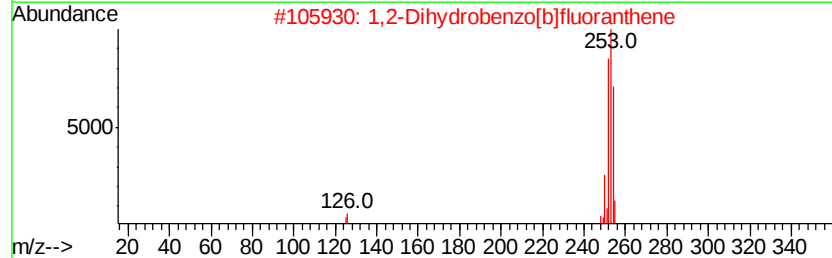
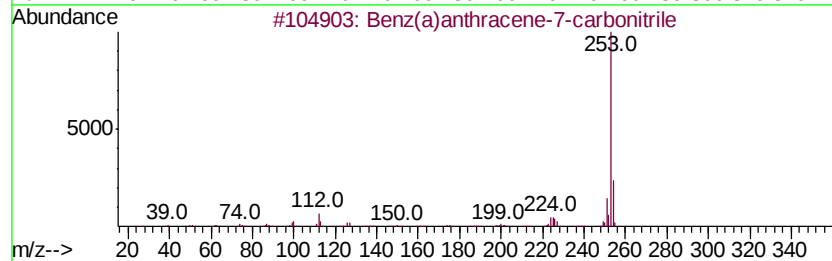
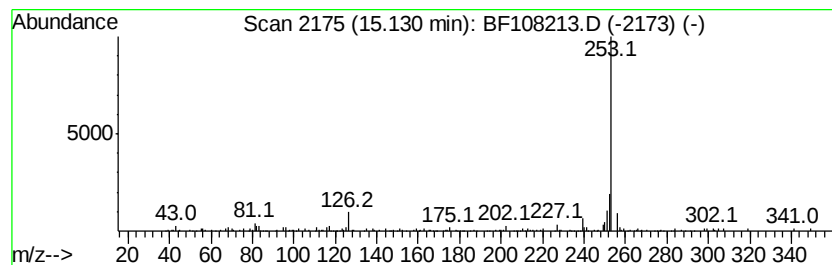
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.13 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.51 ng	162749	Perylene-d12	15.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	38
2			1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	9
3			Selenocvanic acid, p-(dipropylam...	282	C13H18N2Se	022037-09-8	9
4			Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	9
5			Triamterene	253	C12H11N7	000396-01-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108213.D
Acq On : 16 Aug 2018 23:36
Operator : JU/SJ
Sample : J4499-02 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-02(0-1)

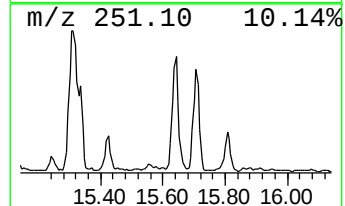
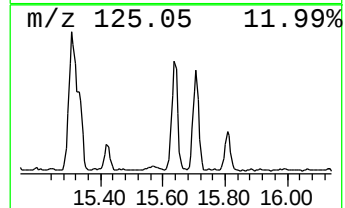
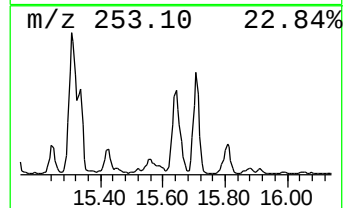
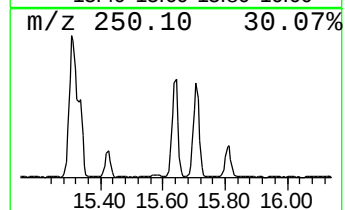
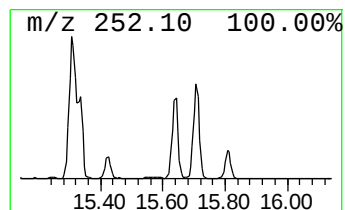
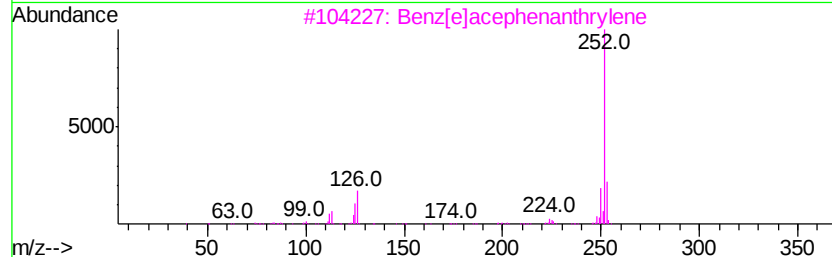
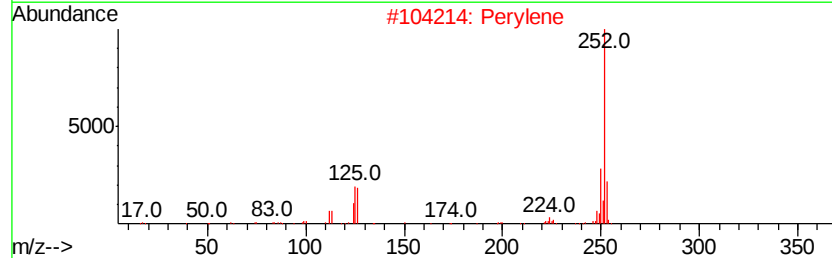
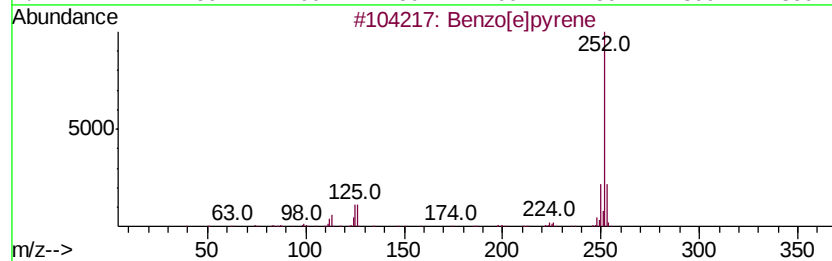
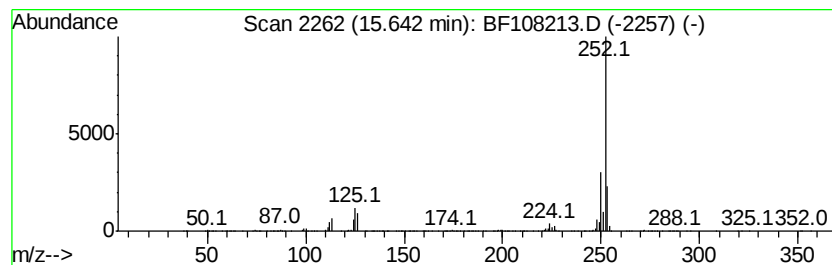
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	21.36 ng	990813	Perylene-d12	15.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108213.D
 Acq On : 16 Aug 2018 23:36
 Operator : JU/SJ
 Sample : J4499-02 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-02(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.78	6.78	12.1	ng	652838	1	7.01	1078570	20.0
Naphthalene, 1,6-...	9.64	3.0	ng	194099	3	10.06	1316790	20.0
Naphthalene, 2,3,...	10.47	2.4	ng	159315	3	10.06	1316790	20.0
Tridecane	10.95	2.8	ng	177917	4	11.56	1283630	20.0
Tetradecane	11.40	3.1	ng	200710	4	11.56	1283630	20.0
Naphtho[2,1-b]thi...	11.45	2.2	ng	140722	4	11.56	1283630	20.0
Anthracene, 2-met...	12.06	5.0	ng	322248	4	11.56	1283630	20.0
Phenanthrene, 2-m...	12.09	4.6	ng	294576	4	11.56	1283630	20.0
4H-Cyclopenta[def...	12.17	6.7	ng	427970	4	11.56	1283630	20.0
6-Phenylbenzocycl...	12.35	2.4	ng	150685	4	11.56	1283630	20.0
9,10-Anthracenedione	12.38	3.7	ng	237158	4	11.56	1283630	20.0
9,10-Dimethylanth...	12.61	3.6	ng	229147	4	11.56	1283630	20.0
1,2,4,8-Tetrameth...	12.70	2.1	ng	133996	4	11.56	1283630	20.0
Benzo[b]naphtho[2...	13.96	2.6	ng	399746	5	14.21	3066730	20.0
Cyclopenta[cd]pyrene	14.01	2.4	ng	368589	5	14.21	3066730	20.0
unknown15.13	15.13	3.5	ng	162749	6	15.78	927936	20.0
Benzo[e]pyrene	15.64	21.4	ng	990813	6	15.78	927936	20.0