

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116681.D
 Acq On : 31 Aug 2019 5:34
 Operator : HP/JU
 Sample : K4543-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

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-BF083019.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	5.463	569	574	577	rBV	2183695	2066773	54.73%	3.749%
2	6.475	741	746	750	rBV	2373404	2371652	62.80%	4.302%
3	6.616	765	770	773	rBV	2608142	2255397	59.72%	4.091%
4	6.845	806	809	813	rBV	803698	603732	15.99%	1.095%
5	7.004	832	836	839	rBV	2081877	1637255	43.36%	2.970%
6	7.404	899	904	907	rBV	1680757	1380253	36.55%	2.503%
7	8.128	1023	1027	1029	rBV	1023999	807727	21.39%	1.465%
8	8.839	1145	1148	1151	rBV	94625	71347	1.89%	0.129%
9	8.939	1161	1165	1168	rBV	130794	104296	2.76%	0.189%
10	9.204	1206	1210	1213	rBV	2646523	2225974	58.94%	4.037%
11	9.463	1250	1254	1258	rBV	83823	111559	2.95%	0.202%
12	9.539	1263	1267	1269	rBV	181209	164613	4.36%	0.299%
13	9.563	1269	1271	1273	rVV	95076	64750	1.71%	0.117%
14	9.592	1273	1276	1281	rVB	435543	328443	8.70%	0.596%
15	9.657	1284	1287	1288	rBV	87649	70347	1.86%	0.128%
16	9.739	1296	1301	1304	rBV	168739	139125	3.68%	0.252%
17	9.880	1319	1325	1328	rBV	1140593	953170	25.24%	1.729%
18	9.910	1328	1330	1333	rVB	558182	440979	11.68%	0.800%
19	10.080	1356	1359	1363	rVV	355780	303622	8.04%	0.551%
20	10.122	1363	1366	1369	rVV	90414	73724	1.95%	0.134%
21	10.198	1373	1379	1381	rBV2	72426	78277	2.07%	0.142%
22	10.286	1390	1394	1396	rBV	62362	76539	2.03%	0.139%
23	10.422	1414	1417	1423	rVB	584035	547285	14.49%	0.993%
24	10.492	1423	1429	1431	rBV	84313	112372	2.98%	0.204%
25	10.580	1442	1444	1450	rVB	206166	173899	4.60%	0.315%
26	10.663	1454	1458	1463	rVV	1577546	1475714	39.08%	2.677%
27	10.710	1463	1466	1470	rVB2	53027	61402	1.63%	0.111%
28	10.786	1475	1479	1486	rVB4	93759	122202	3.24%	0.222%
29	10.974	1503	1511	1513	rBV3	138220	207193	5.49%	0.376%
30	10.998	1513	1515	1518	rVV2	89164	78840	2.09%	0.143%
31	11.098	1527	1532	1534	rVV3	94511	117424	3.11%	0.213%
32	11.121	1534	1536	1538	rVV	104134	100823	2.67%	0.183%
33	11.163	1541	1543	1548	rVV	247473	221224	5.86%	0.401%
34	11.210	1548	1551	1554	rVV	108702	131861	3.49%	0.239%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.257	1557	1559	1565	rVB	300990	274554	7.27%	0.498%
36	11.363	1573	1577	1579	rBV	866095	936191	24.79%	1.698%
37	11.392	1579	1582	1585	rVV	4151472	3776362	100.00%	6.849%
38	11.439	1585	1590	1593	rVV	1172992	1049464	27.79%	1.903%
39	11.469	1593	1595	1599	rVB2	84773	81626	2.16%	0.148%
40	11.586	1610	1615	1618	rBV2	215555	251416	6.66%	0.456%
41	11.657	1624	1627	1630	rBV2	131503	109370	2.90%	0.198%
42	11.692	1630	1633	1638	rVB2	103145	106015	2.81%	0.192%
43	11.863	1656	1662	1664	rBV	498846	455048	12.05%	0.825%
44	11.892	1664	1667	1671	rVV	841212	724733	19.19%	1.314%
45	11.939	1671	1675	1677	rVV	229395	219130	5.80%	0.397%
46	11.974	1677	1681	1683	rVV	737234	743951	19.70%	1.349%
47	11.992	1683	1684	1688	rVB	286579	234031	6.20%	0.424%
48	12.063	1694	1696	1699	rVB2	71841	61727	1.63%	0.112%
49	12.157	1709	1712	1714	rBV	392973	340409	9.01%	0.617%
50	12.174	1714	1715	1719	rVB	315177	220093	5.83%	0.399%
51	12.304	1732	1737	1740	rBV2	102515	131966	3.49%	0.239%
52	12.339	1740	1743	1744	rBV	82963	74263	1.97%	0.135%
53	12.357	1744	1746	1749	rVB2	95939	86308	2.29%	0.157%
54	12.410	1751	1755	1758	rBV	212543	224349	5.94%	0.407%
55	12.451	1758	1762	1767	rVV3	172591	247391	6.55%	0.449%
56	12.492	1767	1769	1774	rVB2	180166	195747	5.18%	0.355%
57	12.580	1779	1784	1787	rBV	3766092	3731120	98.80%	6.767%
58	12.668	1796	1799	1801	rBV2	113019	107307	2.84%	0.195%
59	12.721	1806	1808	1813	rVB	134904	123072	3.26%	0.223%
60	12.804	1816	1822	1827	rBV2	2794211	3572317	94.60%	6.479%
61	12.845	1827	1829	1835	rVB2	138540	175197	4.64%	0.318%
62	12.915	1838	1841	1843	rBV	198552	208402	5.52%	0.378%
63	12.945	1843	1846	1852	rVB	1793302	1776320	47.04%	3.222%
64	13.015	1853	1858	1861	rBV3	184599	316428	8.38%	0.574%
65	13.045	1861	1863	1866	rVB2	77001	64186	1.70%	0.116%
66	13.104	1870	1873	1874	rBV2	125729	120549	3.19%	0.219%
67	13.127	1874	1877	1880	rVB	437072	378849	10.03%	0.687%
68	13.192	1884	1888	1891	rBV3	261341	270385	7.16%	0.490%
69	13.227	1891	1894	1897	rBV2	257399	262329	6.95%	0.476%
70	13.321	1907	1910	1913	rVB	115051	99702	2.64%	0.181%
71	13.351	1913	1915	1919	rBV3	135560	137077	3.63%	0.249%

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72	13.427	1925	1928	1932	rVB3	63723	71630	1.90%	0.130%
73	13.521	1941	1944	1947	rBV3	118718	109325	2.89%	0.198%
74	13.627	1959	1962	1967	rVB	225863	237711	6.29%	0.431%
75	13.745	1977	1982	1984	rBV2	239373	316234	8.37%	0.574%
76	13.774	1984	1987	1989	rVV	230979	243807	6.46%	0.442%
77	13.798	1989	1991	1994	rVV2	205693	273034	7.23%	0.495%
78	13.839	1994	1998	2006	rVB4	598881	765440	20.27%	1.388%
79	13.986	2017	2023	2027	rBV3	1567139	2311976	61.22%	4.193%
80	14.021	2027	2029	2035	rVB	1367322	1191319	31.55%	2.161%
81	14.104	2040	2043	2045	rVB	194052	165159	4.37%	0.300%
82	14.162	2051	2053	2058	rVB3	164937	251289	6.65%	0.456%
83	14.210	2058	2061	2066	rBV2	151246	193625	5.13%	0.351%
84	14.345	2081	2084	2086	rBV	70590	84239	2.23%	0.153%
85	14.380	2087	2090	2092	rVB	213998	195114	5.17%	0.354%
86	14.410	2093	2095	2099	rVB	124415	118753	3.14%	0.215%
87	14.468	2102	2105	2108	rBV3	234431	215707	5.71%	0.391%
88	14.504	2108	2111	2113	rBV	106369	113007	2.99%	0.205%
89	14.574	2119	2123	2127	rVB5	95356	133631	3.54%	0.242%
90	14.774	2154	2157	2160	rBV	141578	131640	3.49%	0.239%
91	15.033	2196	2201	2204	rBV	980556	1651072	43.72%	2.995%
92	15.109	2211	2214	2216	rBV2	177772	206035	5.46%	0.374%
93	15.133	2216	2218	2224	rVB	240190	246333	6.52%	0.447%
94	15.327	2247	2251	2257	rVB	569212	773588	20.49%	1.403%
95	15.392	2257	2262	2268	rBV	864771	1069292	28.32%	1.939%
96	15.451	2268	2272	2275	rVV	532844	685054	18.14%	1.243%
97	15.486	2275	2278	2284	rVB3	392944	552277	14.62%	1.002%
98	15.921	2349	2352	2356	rVB2	128735	158912	4.21%	0.288%
99	16.898	2513	2518	2526	rVB2	348287	675293	17.88%	1.225%
100	17.333	2587	2592	2599	rVB	233445	427108	11.31%	0.775%

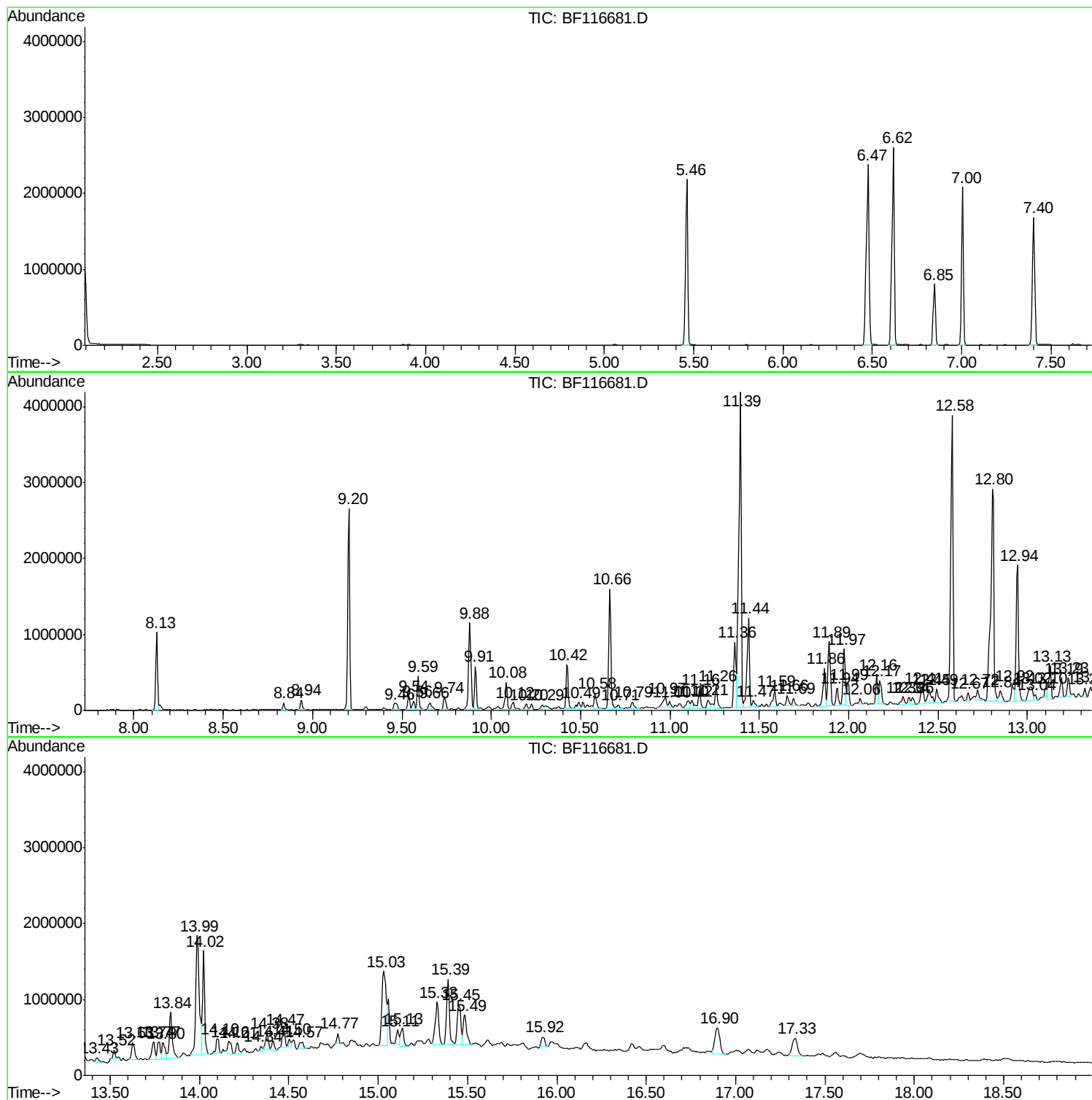
Sum of corrected areas: 55134781

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.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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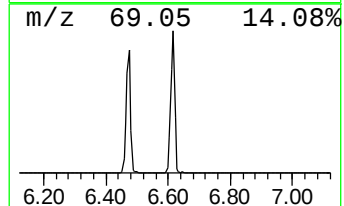
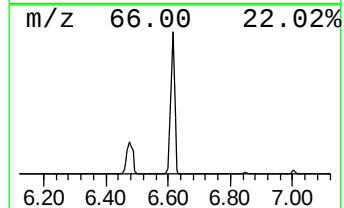
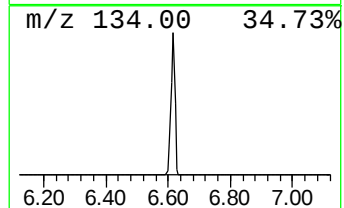
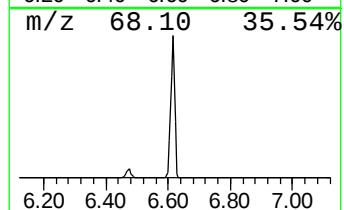
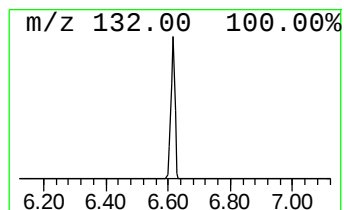
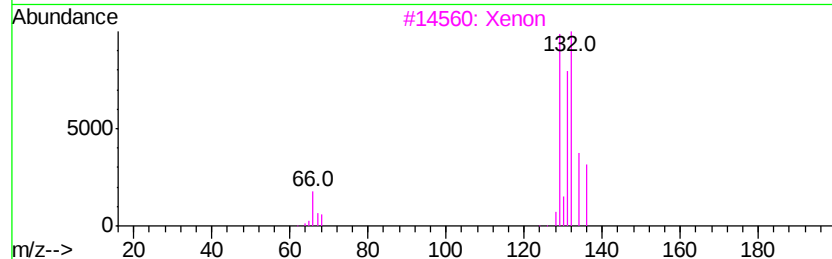
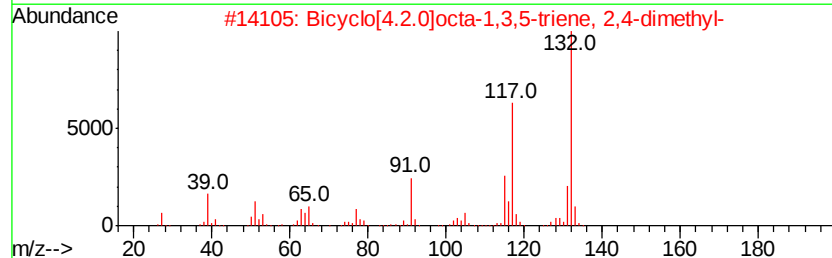
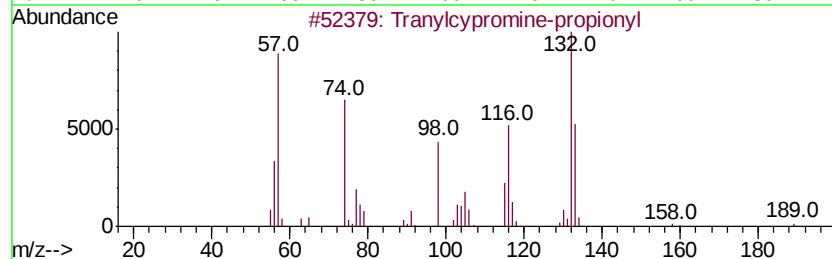
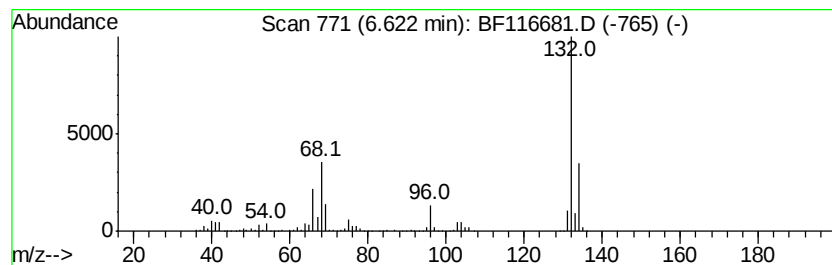
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	74.72 ng	2255400	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Xenon	132	Xe	007440-63-3	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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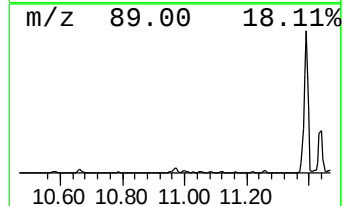
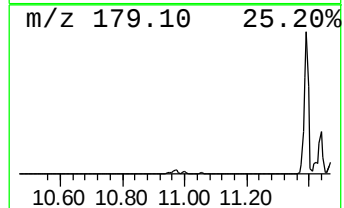
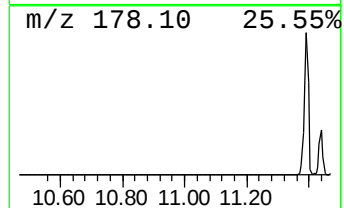
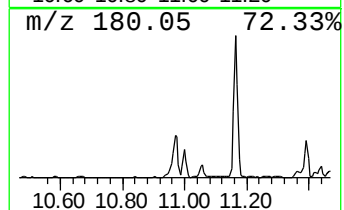
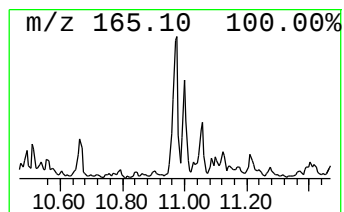
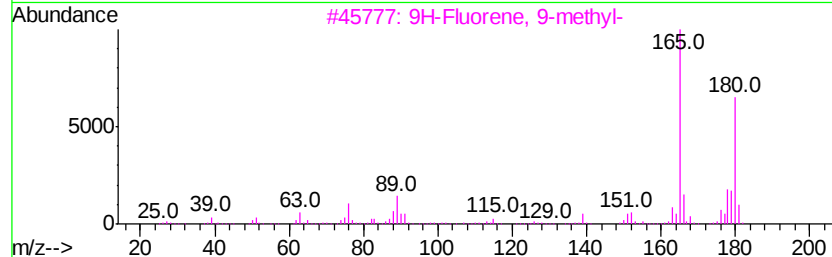
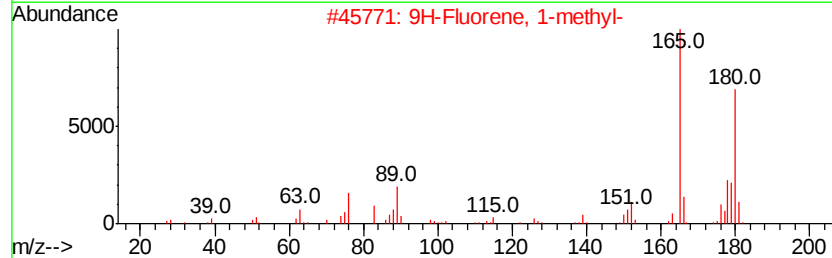
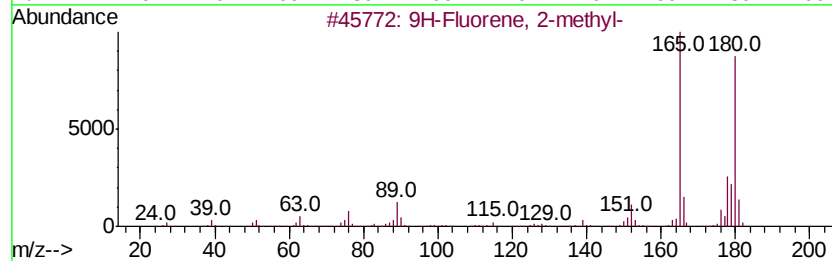
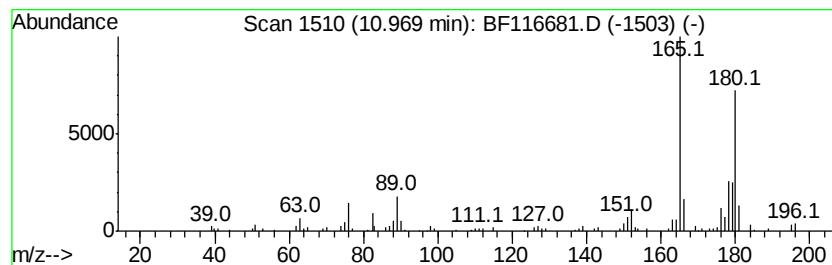
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	4.43 ng	207193	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	95	
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86	
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70	



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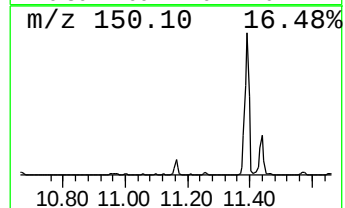
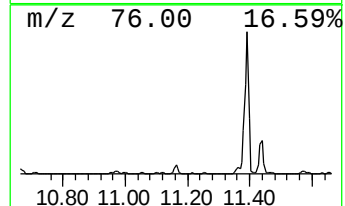
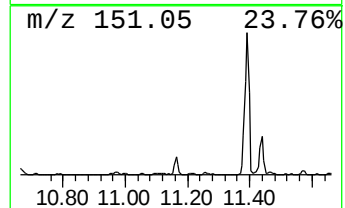
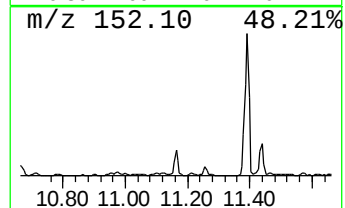
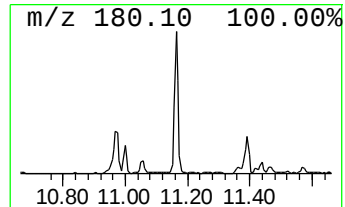
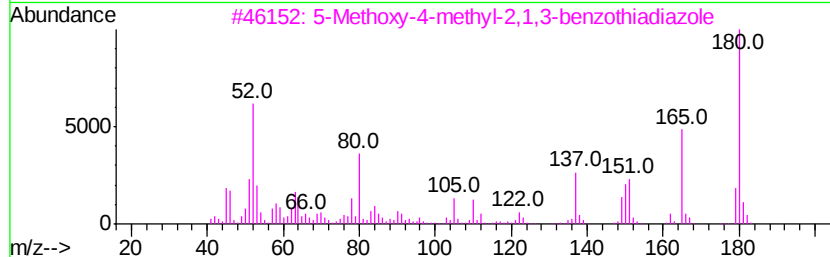
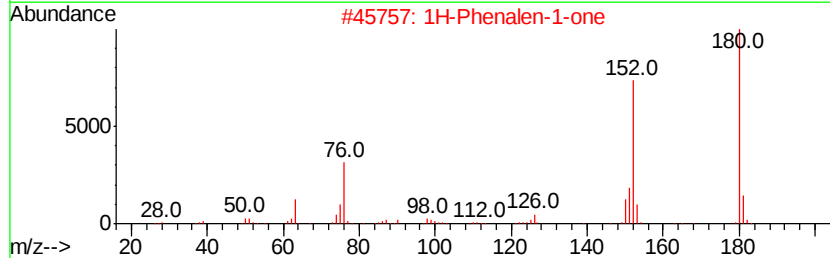
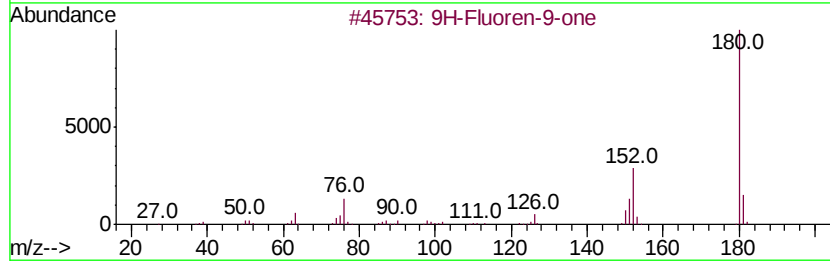
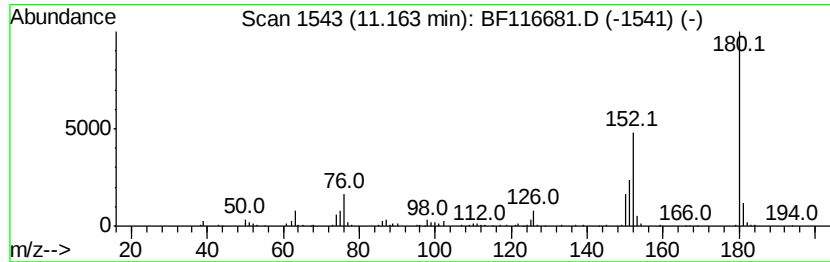
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.73 ng	221224	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
3		5-Methoxy-4-methyl-2,1,3-benzoth...	180	C8H8N2OS	089976-68-1	47
4		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	47
5		Phenazine	180	C12H8N2	000092-82-0	43



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Data File : BF116681.D
Acq On : 31 Aug 2019 5:34
Operator : HP/JU
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TP-2-S

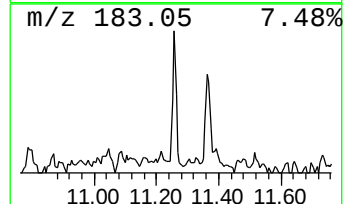
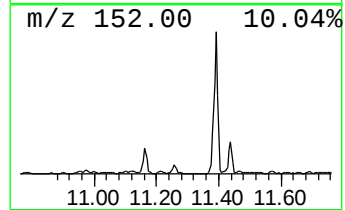
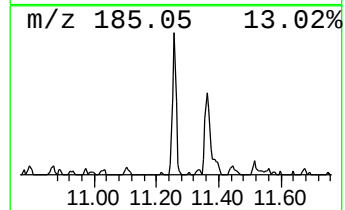
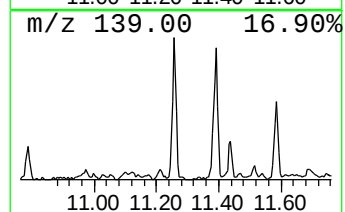
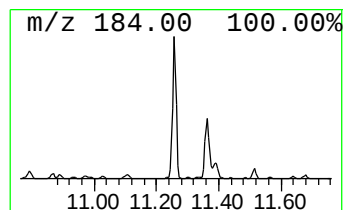
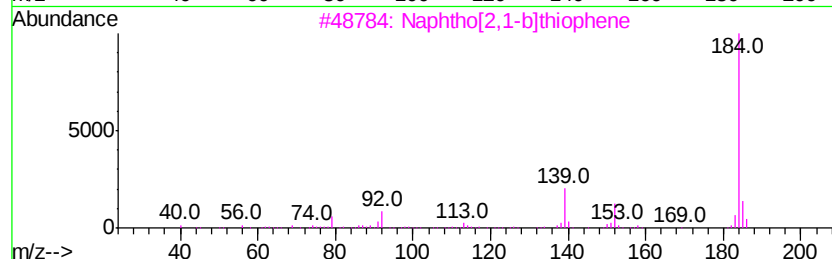
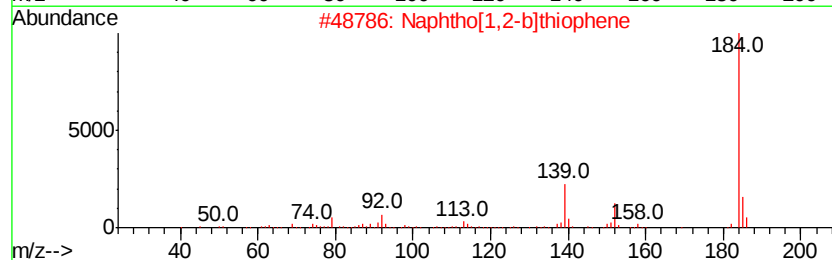
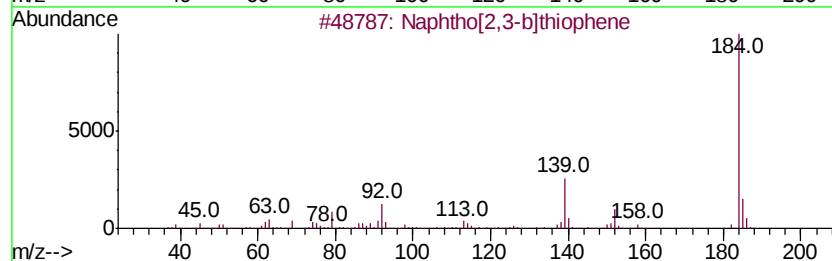
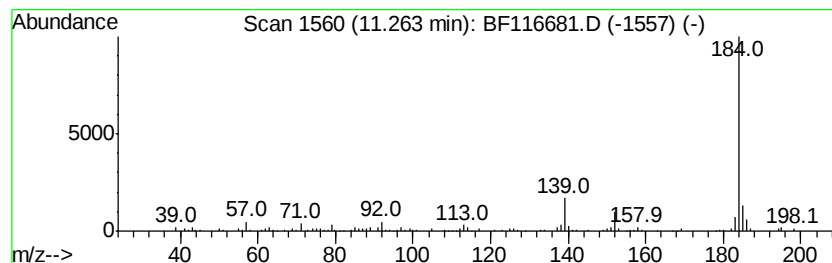
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.87 ng	274554	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	91
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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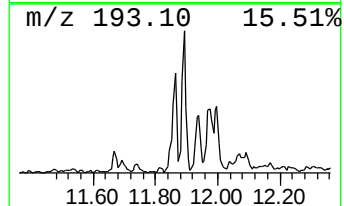
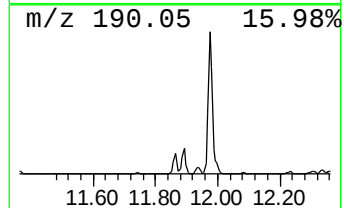
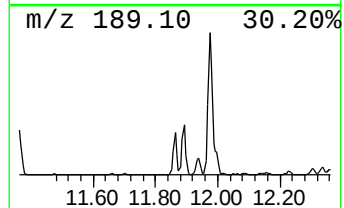
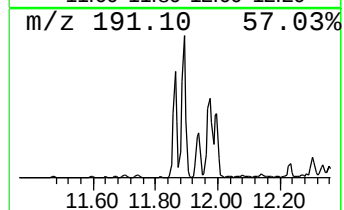
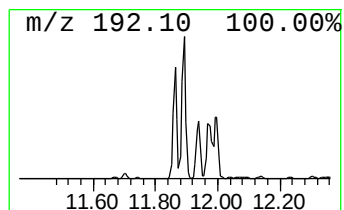
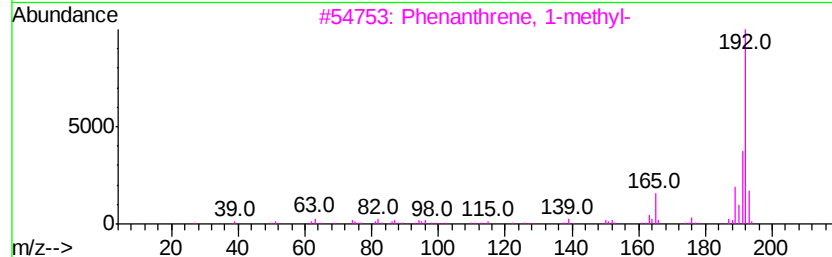
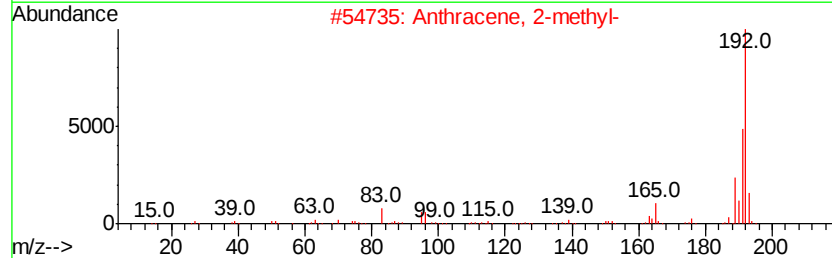
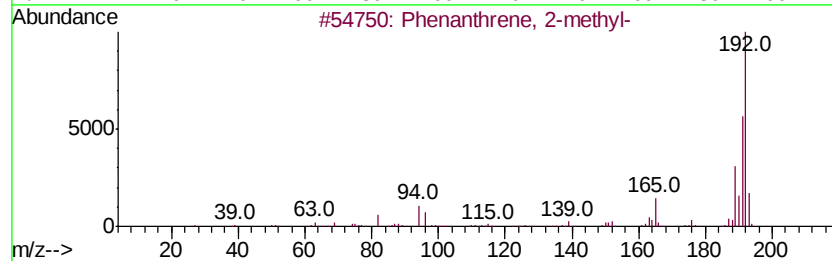
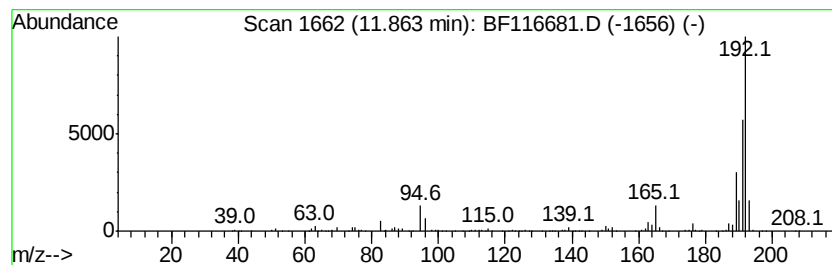
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	9.72 ng	455048	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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Acq On : 31 Aug 2019 5:34
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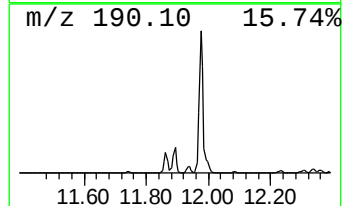
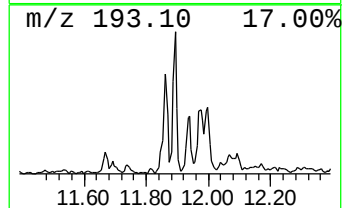
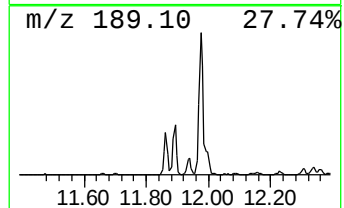
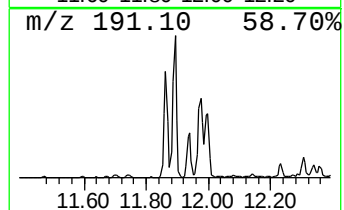
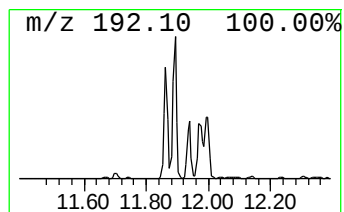
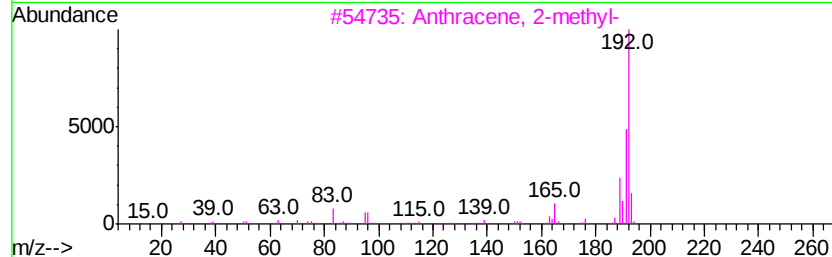
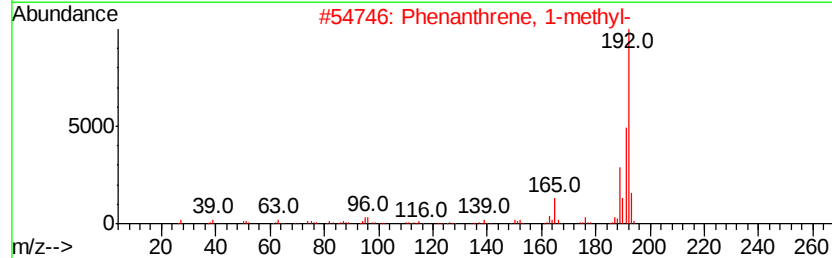
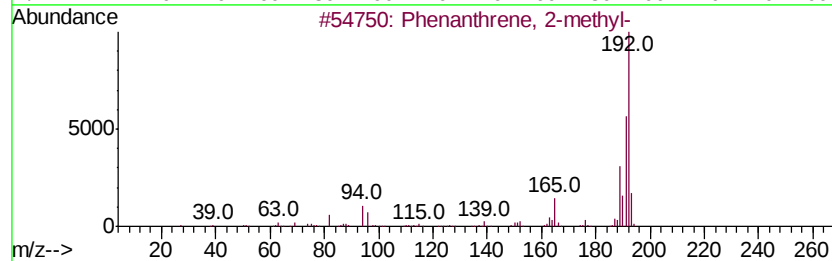
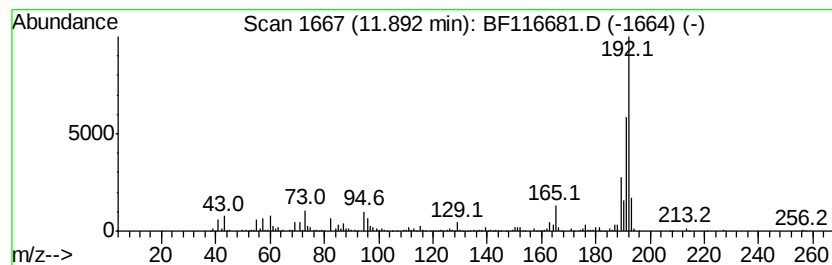
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	15.48 ng	724733	Phenanthrene-d10	11.36

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	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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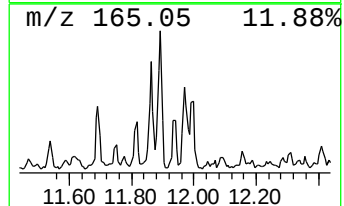
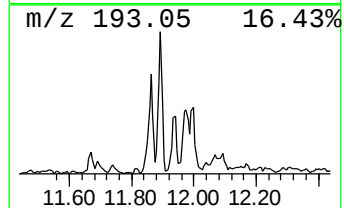
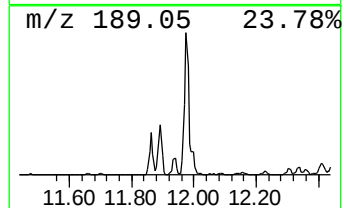
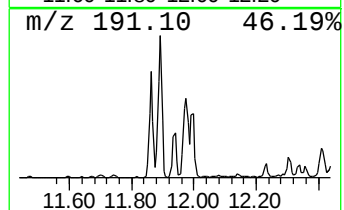
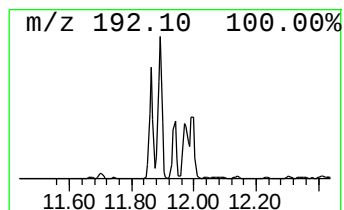
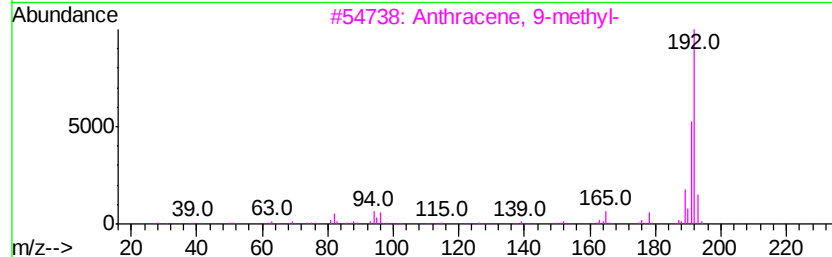
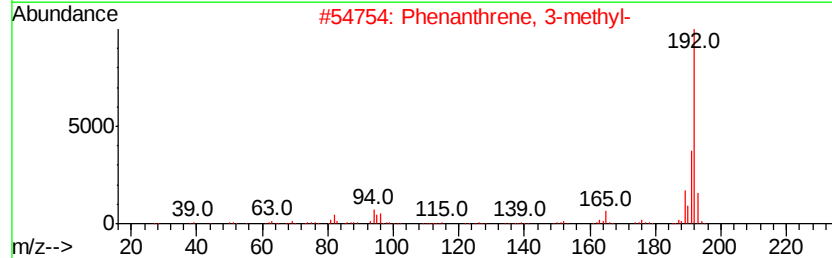
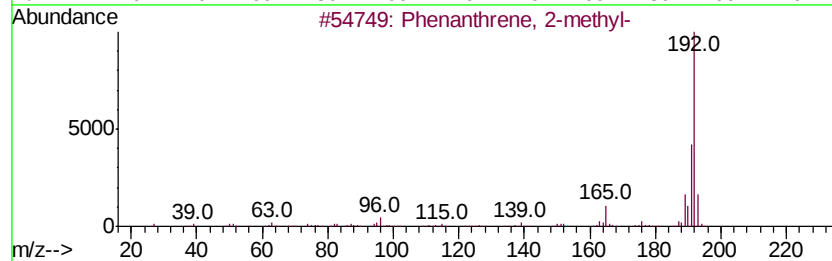
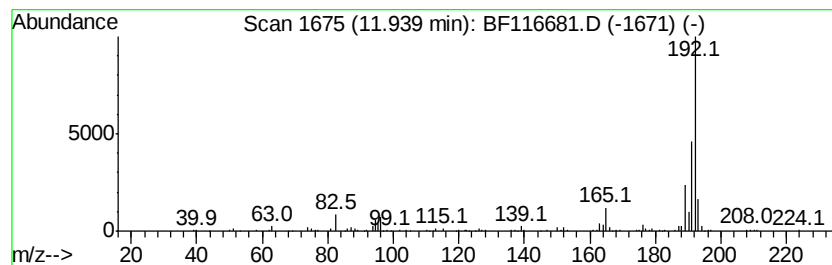
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.68 ng	219130	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	93



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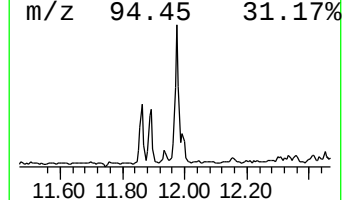
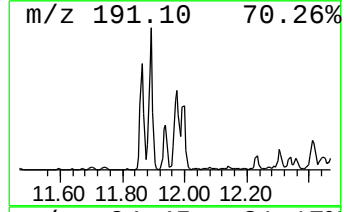
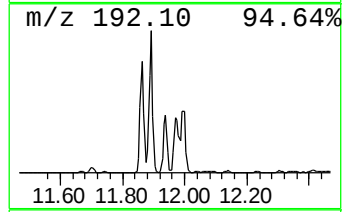
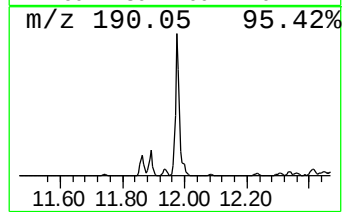
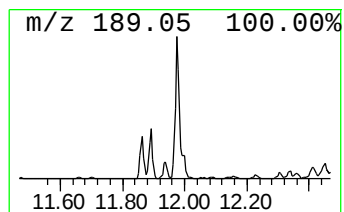
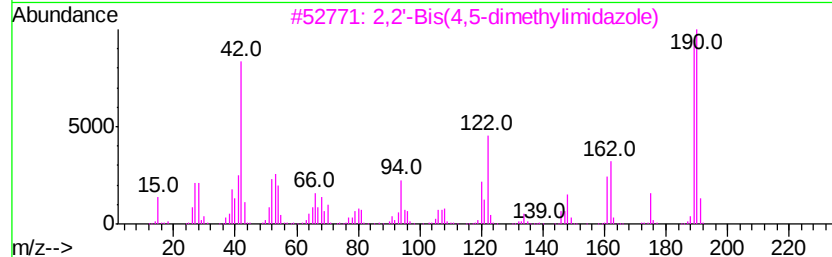
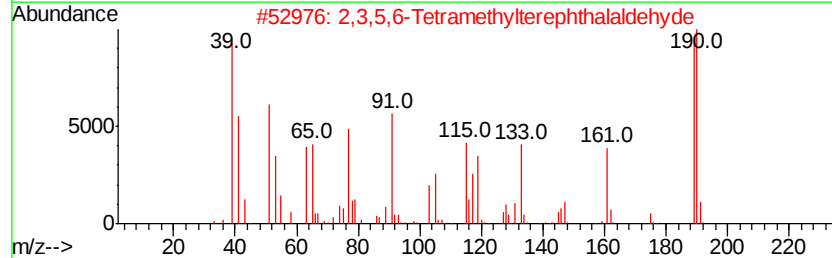
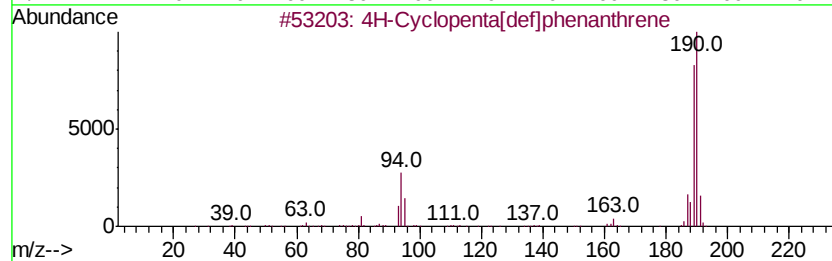
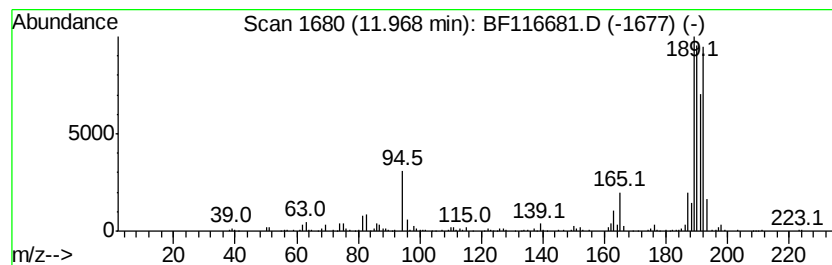
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	15.89 ng	743951	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	28
5		1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	17



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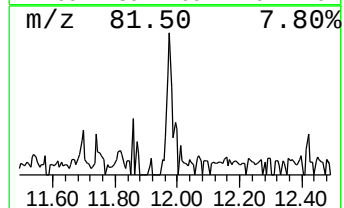
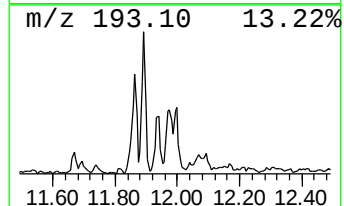
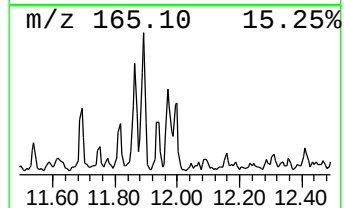
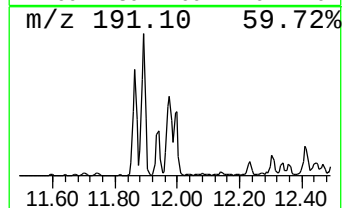
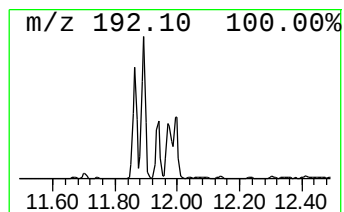
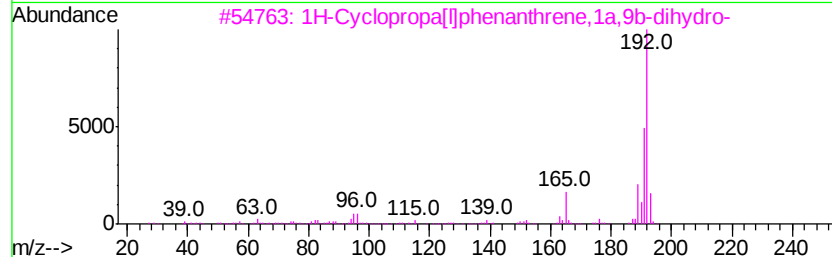
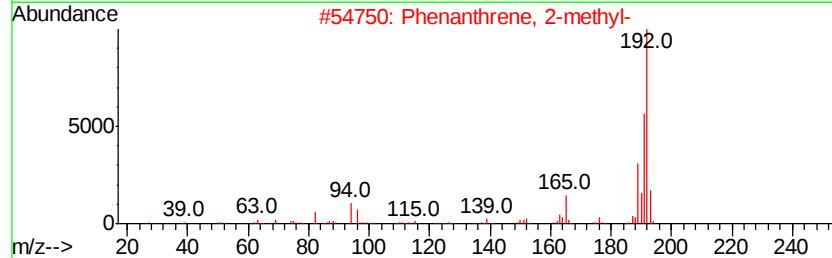
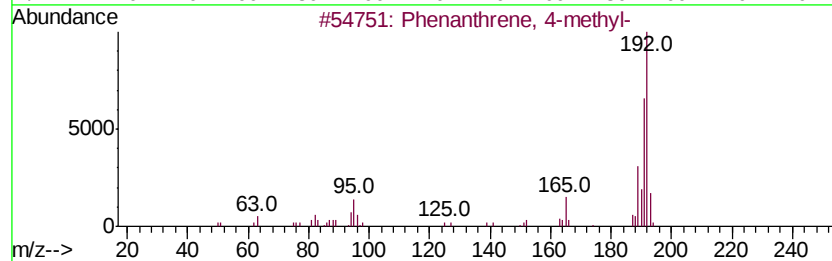
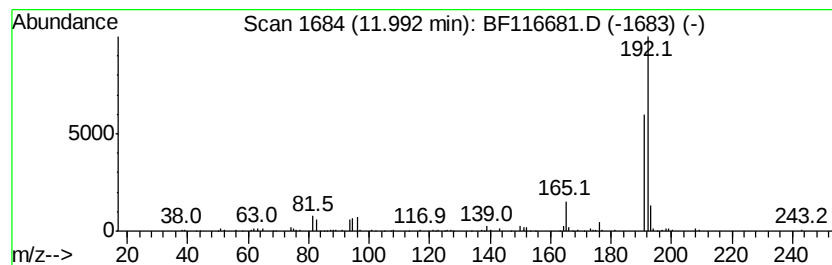
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.00 ng	234031	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



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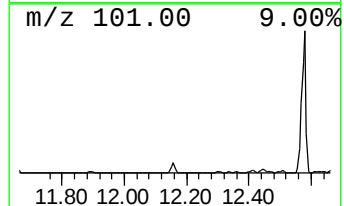
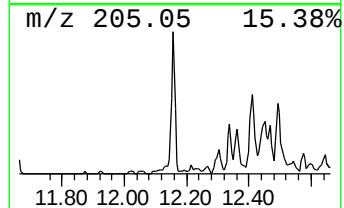
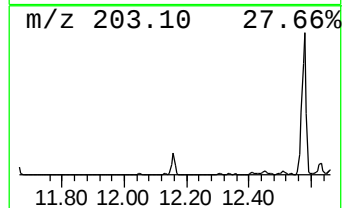
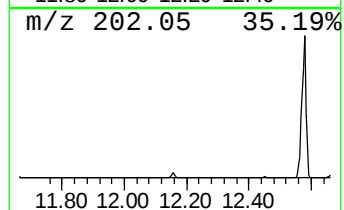
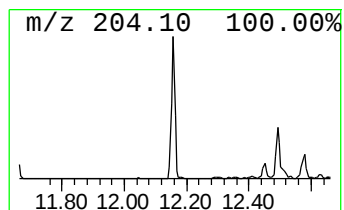
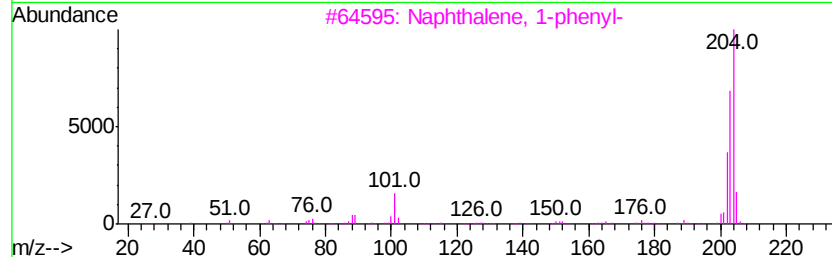
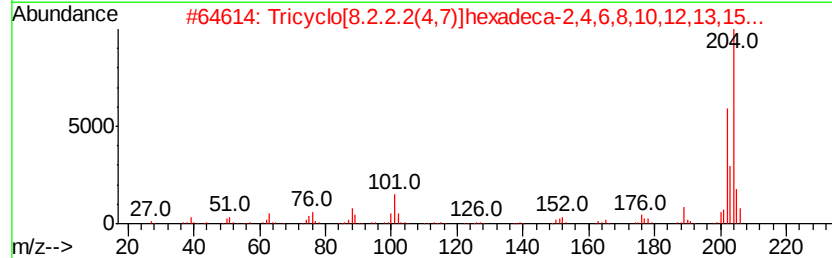
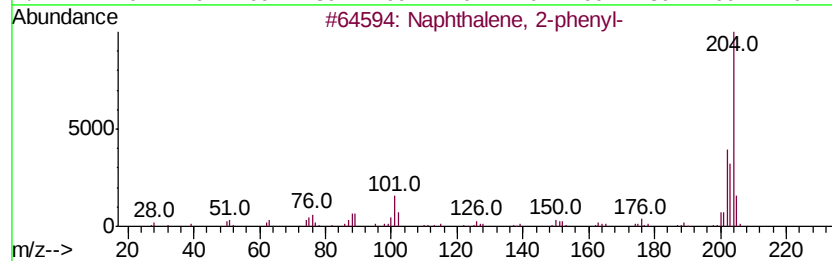
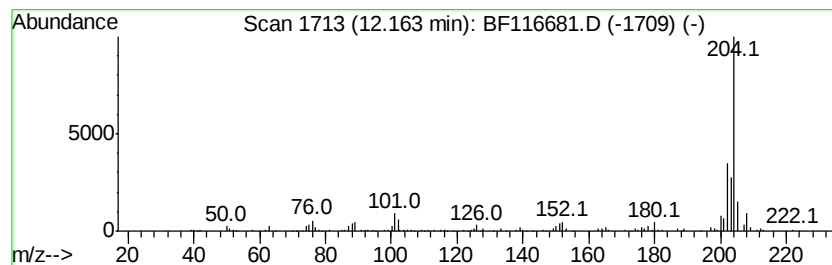
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	7.27 ng	340409	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116681.D
Acq On : 31 Aug 2019 5:34
Operator : HP/JU
Sample : K4543-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

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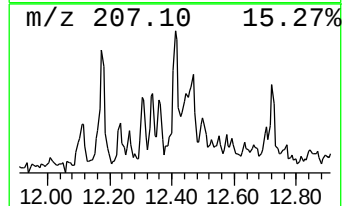
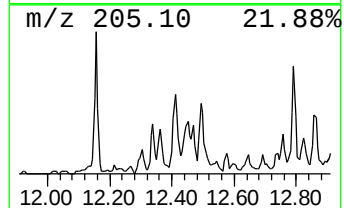
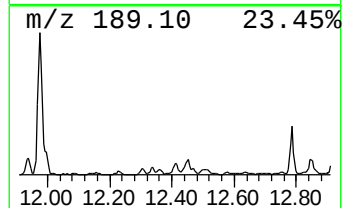
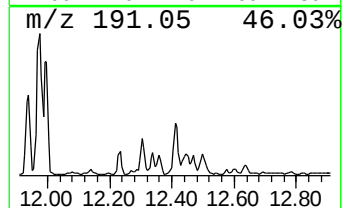
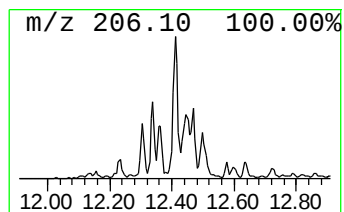
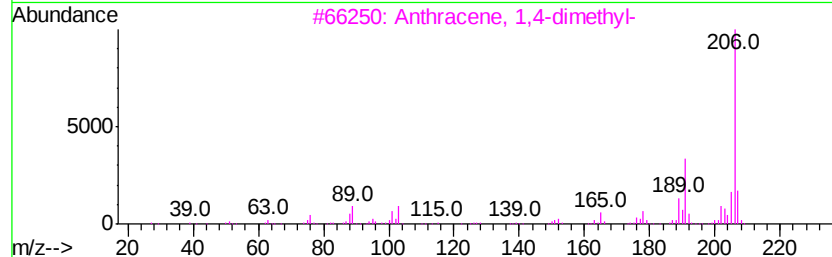
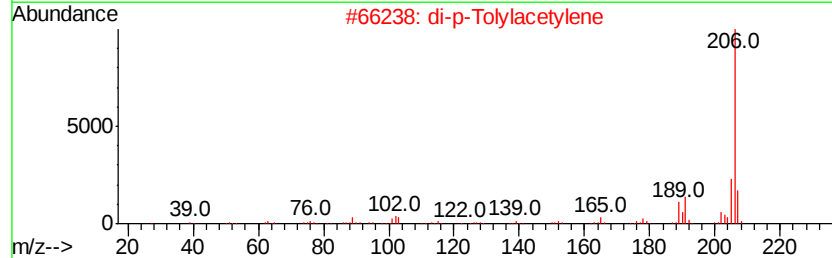
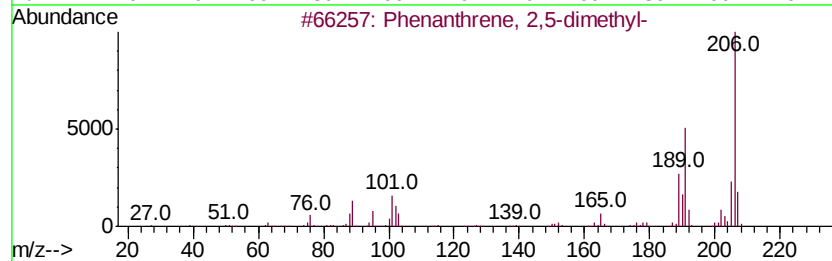
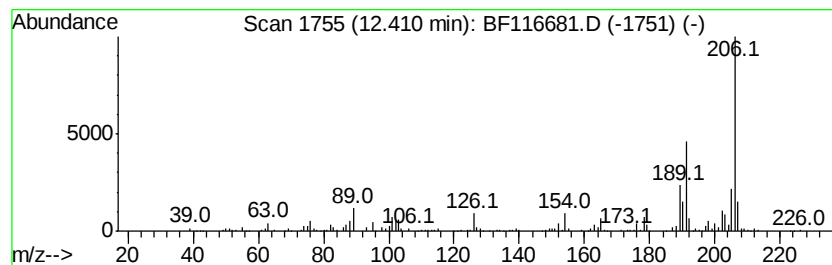
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	4.79 ng	224349	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	95
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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ClientSampleId :
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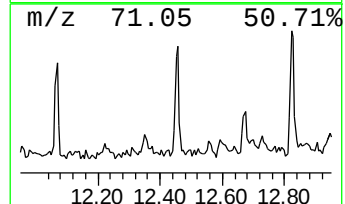
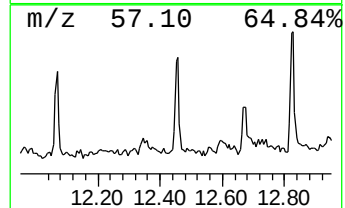
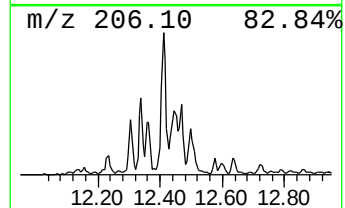
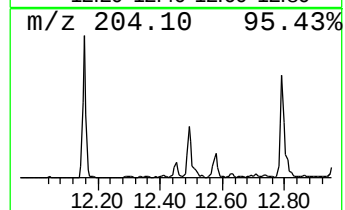
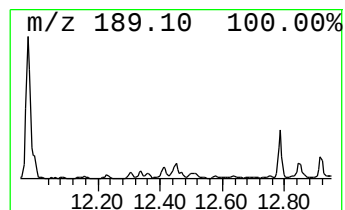
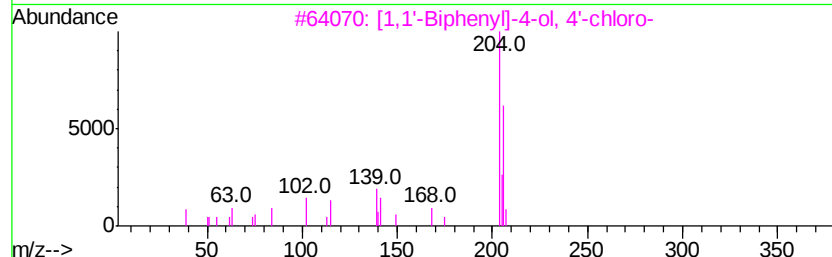
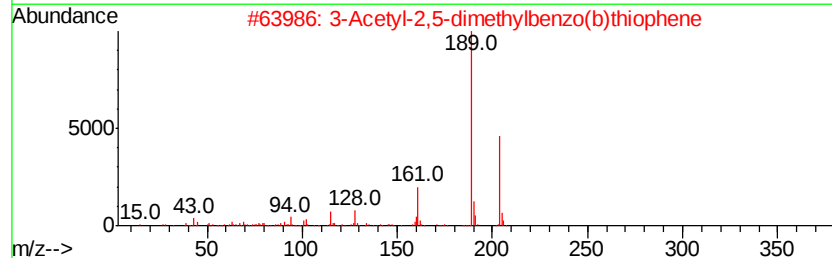
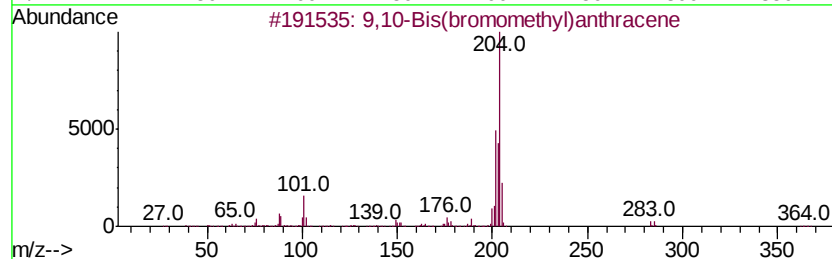
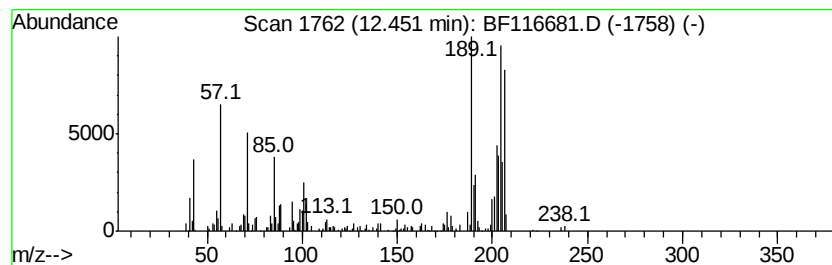
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.45 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.29 ng	247391	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35		
2	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	30		
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	27		
4	2-Acetyl-3,7-dimethylbenzo(b)thi...	204	C12H12OS	006179-06-2	27		
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	25		



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Data File : BF116681.D
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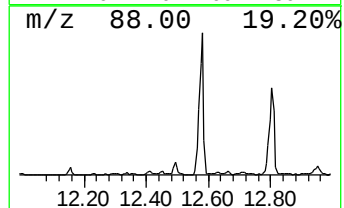
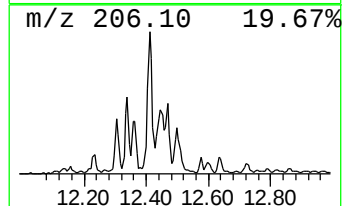
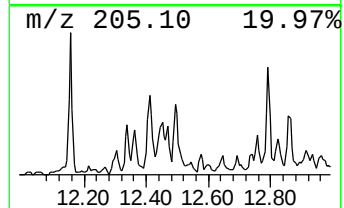
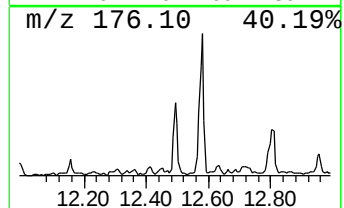
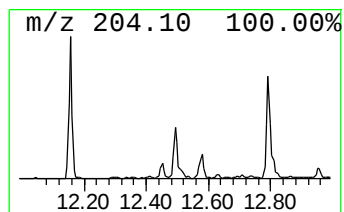
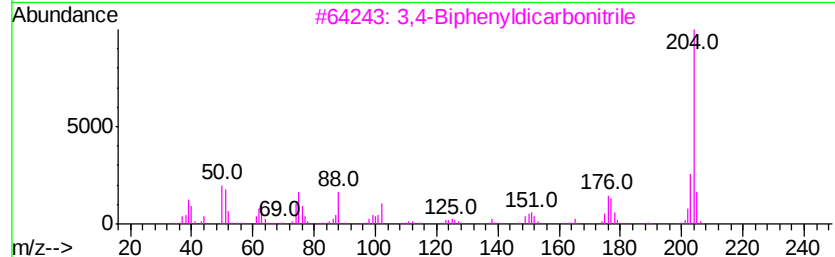
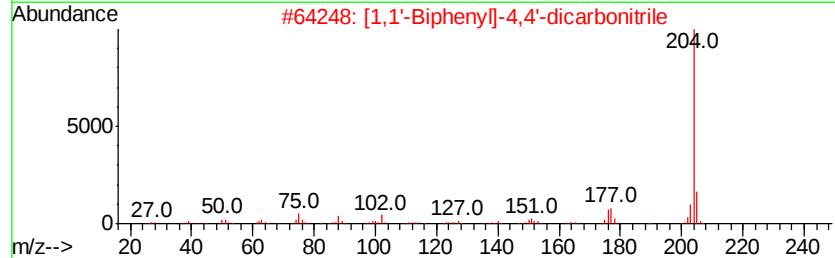
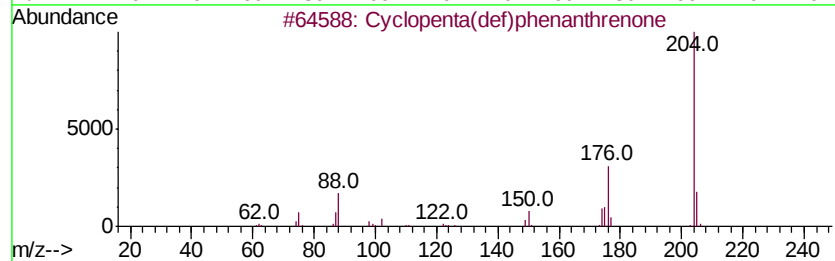
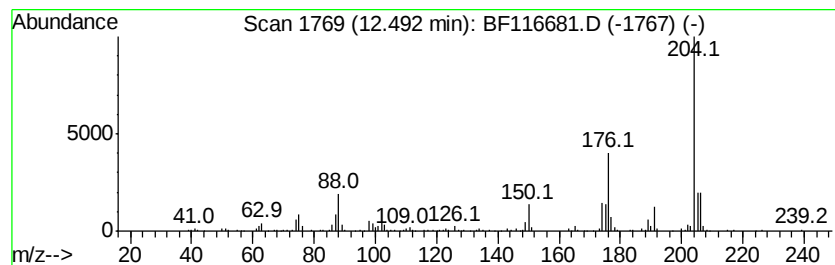
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.18 ng	195747	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	38
5		N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	38



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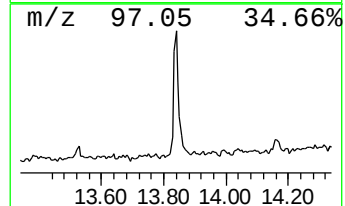
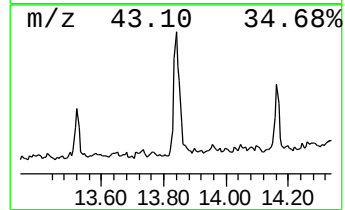
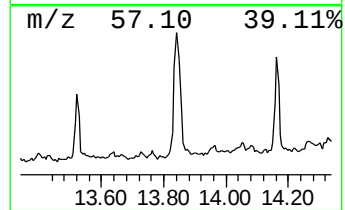
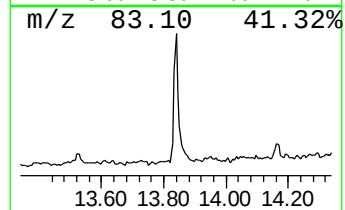
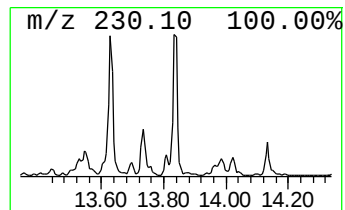
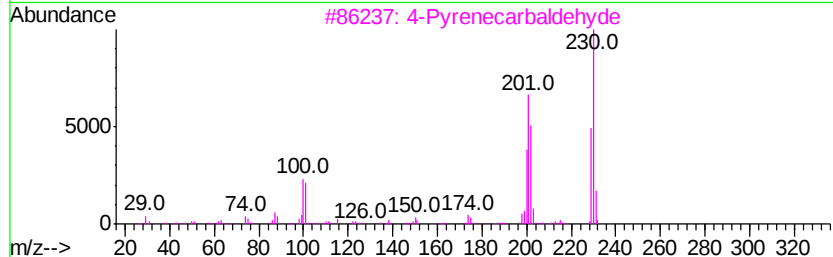
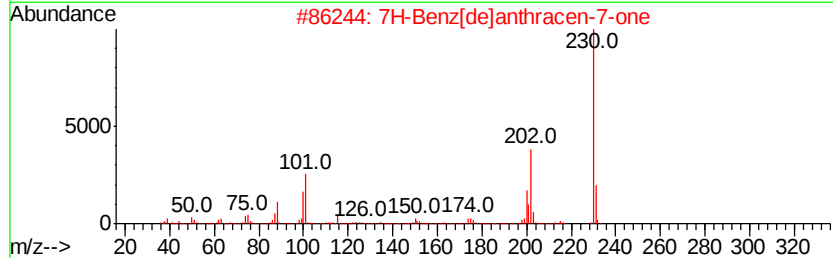
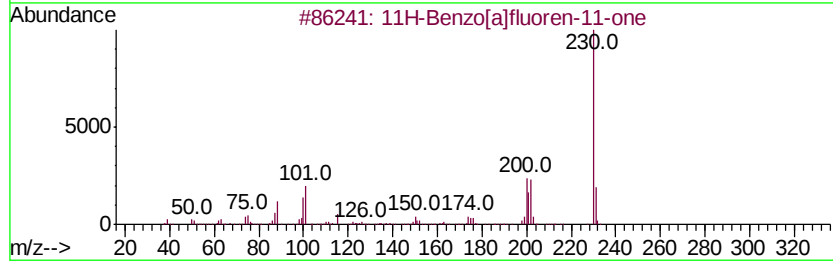
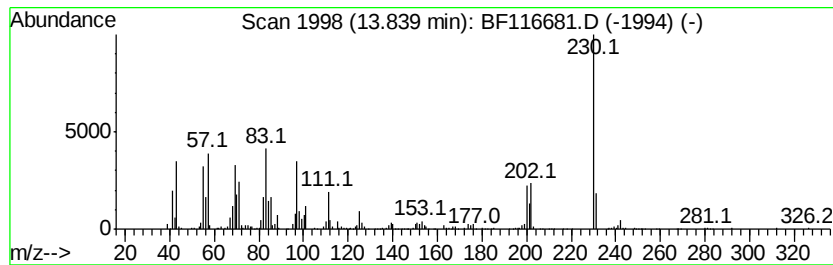
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.84	6.62 ng	765440	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[alfluoren-11-one	230	C17H10O	000479-79-8	78
2	7H-Benz[delanthracen-7-one	230	C17H10O	000082-05-3	55
3	4-Pvrenecarbaldehyde	230	C17H10O	022245-51-8	37
4	o-Terphenyl	230	C18H14	000084-15-1	35
5	5,6-Dihydrochrysene	230	C18H14	002091-92-1	35



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ALS Vial : 20 Sample Multiplier: 1

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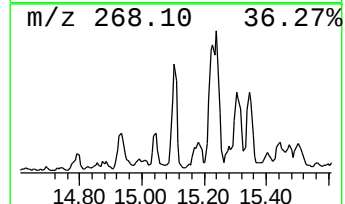
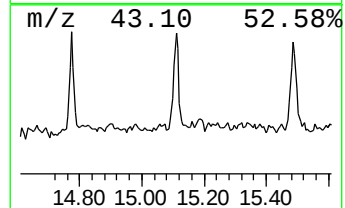
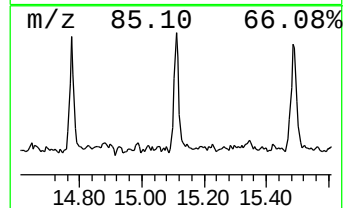
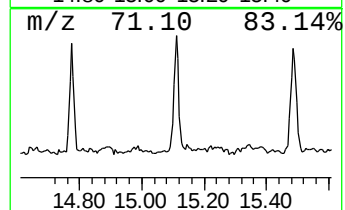
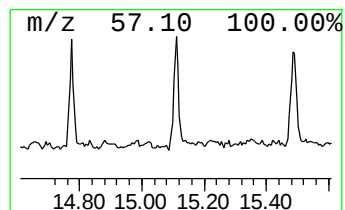
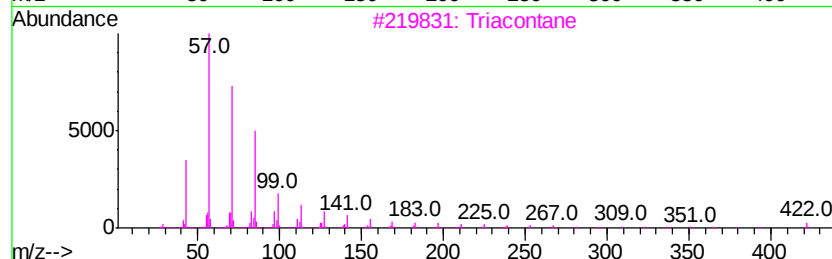
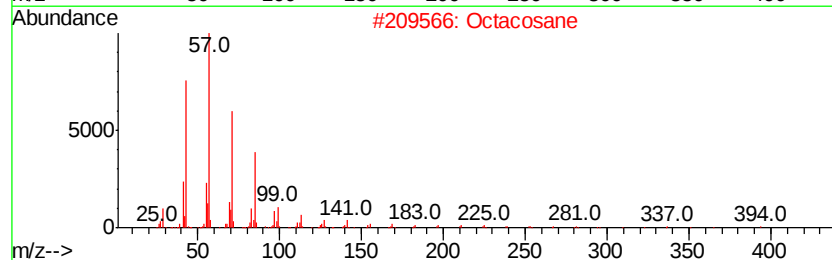
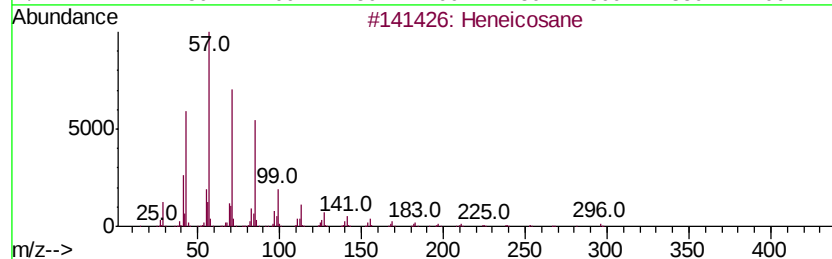
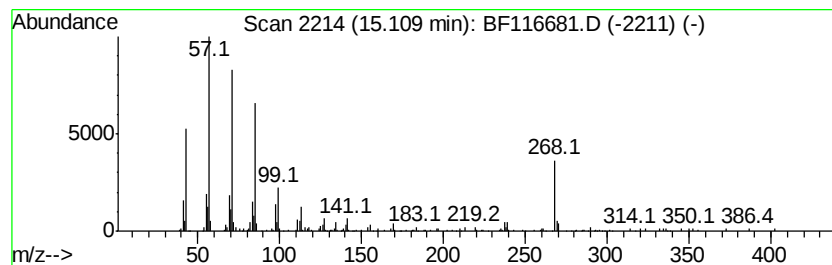
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	6.02 ng	206035	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Octacosane	394	C28H58	000630-02-4	80
3		Triacontane	422	C30H62	000638-68-6	80
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5		Heptadecane	240	C17H36	000629-78-7	80



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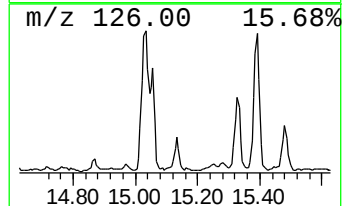
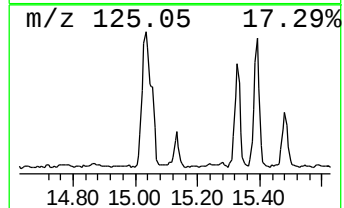
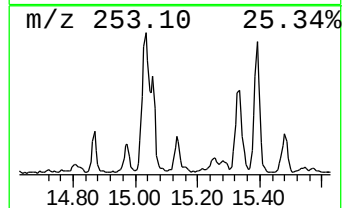
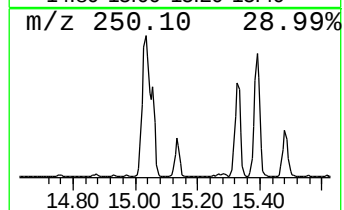
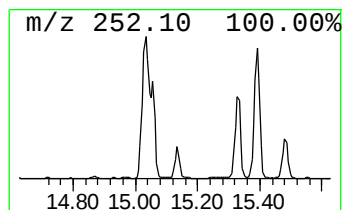
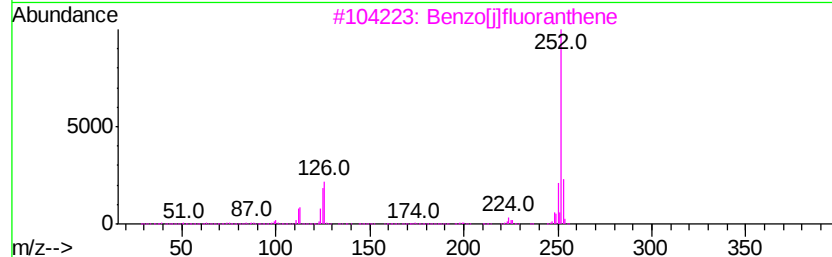
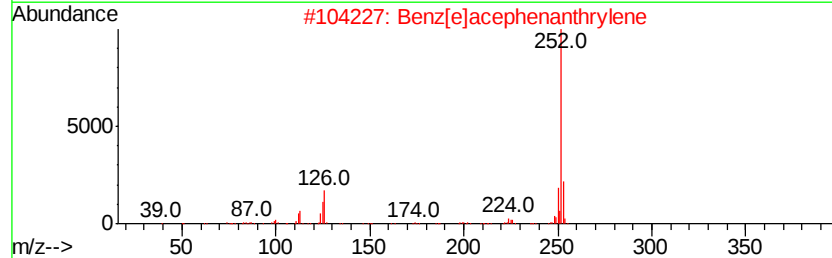
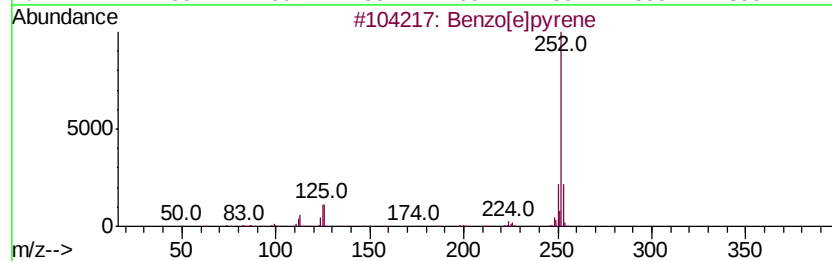
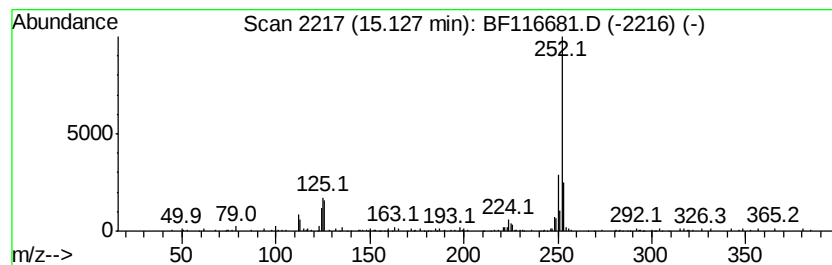
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	7.19 ng	246333	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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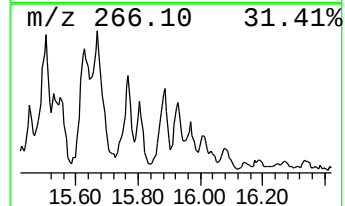
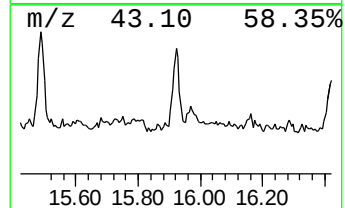
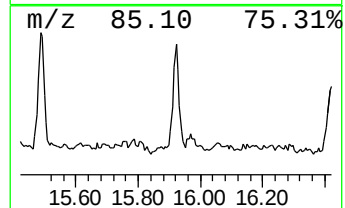
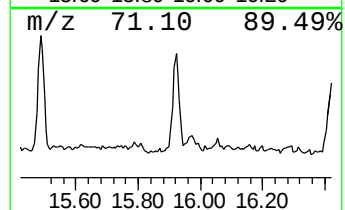
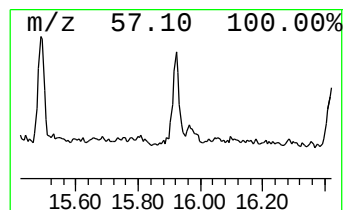
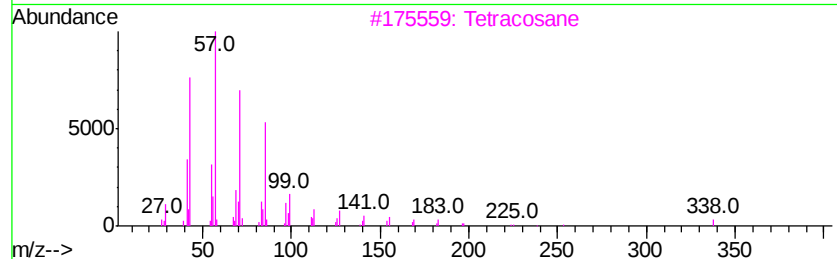
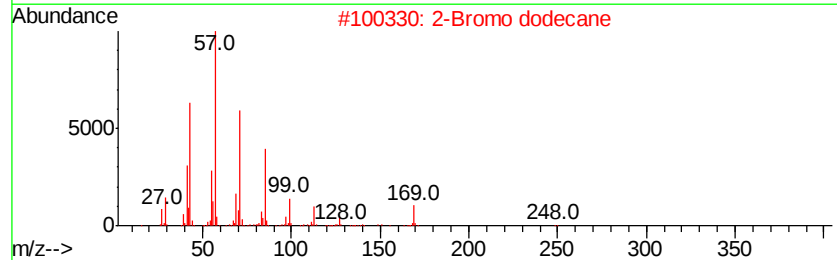
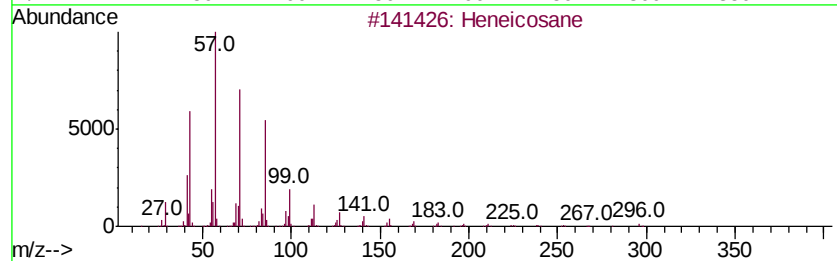
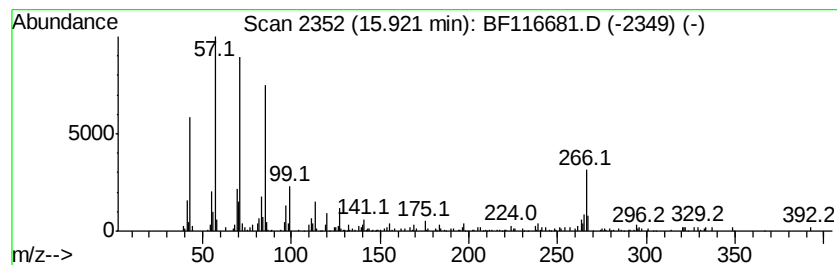
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	4.64 ng	158912	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3		Tetracosane	338	C24H50	000646-31-1	72
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	68
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083019\
 Data File : BF116681.D
 Acq On : 31 Aug 2019 5:34
 Operator : HP/JU
 Sample : K4543-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	74.7	ng	2255400	1	6.85	603732	20.0
9H-Fluorene, 2-me...	10.97	4.4	ng	207193	4	11.36	936191	20.0
9H-Fluoren-9-one	11.16	4.7	ng	221224	4	11.36	936191	20.0
Naphtho[2,3-b]thi...	11.26	5.9	ng	274554	4	11.36	936191	20.0
Phenanthrene, 2-m...	11.86	9.7	ng	455048	4	11.36	936191	20.0
Phenanthrene, 1-m...	11.89	15.5	ng	724733	4	11.36	936191	20.0
Phenanthrene, 3-m...	11.94	4.7	ng	219130	4	11.36	936191	20.0
4H-Cyclopenta[def...	11.97	15.9	ng	743951	4	11.36	936191	20.0
Phenanthrene, 4-m...	11.99	5.0	ng	234031	4	11.36	936191	20.0
Naphthalene, 2-ph...	12.16	7.3	ng	340409	4	11.36	936191	20.0
Phenanthrene, 2,5...	12.41	4.8	ng	224349	4	11.36	936191	20.0
unknown12.45	12.45	5.3	ng	247391	4	11.36	936191	20.0
Cyclopenta(def)ph...	12.49	4.2	ng	195747	4	11.36	936191	20.0
11H-Benzo[a]fluor...	13.84	6.6	ng	765440	5	14.00	2311980	20.0
Octacosane	15.11	6.0	ng	206035	6	15.45	685054	20.0
Benzo[e]pyrene	15.13	7.2	ng	246333	6	15.45	685054	20.0
Heneicosane	15.92	4.6	ng	158912	6	15.45	685054	20.0