

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
 Data File : BF115956.D
 Acq On : 2 Aug 2019 19:38
 Operator : HP/JU
 Sample : K4130-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-F1-F4-COMP-(30)

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-BF073019.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	5.475	571	576	598	rBV	2402177	2664657	65.76%	4.484%
2	6.486	743	748	767	rBV	2751589	2839702	70.07%	4.778%
3	6.622	767	771	774	rBV	3158860	2839824	70.08%	4.778%
4	6.851	806	810	818	rBV	954250	805413	19.88%	1.355%
5	7.010	833	837	840	rBV	2447497	2257520	55.71%	3.799%
6	7.410	901	905	924	rBV	1852229	1859049	45.88%	3.128%
7	8.133	1024	1028	1045	rBV	1110461	1044136	25.77%	1.757%
8	9.210	1207	1211	1222	rBV	3462737	3247751	80.14%	5.465%
9	9.604	1275	1278	1287	rVB	374027	327109	8.07%	0.550%
10	9.892	1323	1327	1330	rBV	1466079	1240448	30.61%	2.087%
11	9.922	1330	1332	1341	rVB	136611	124102	3.06%	0.209%
12	10.439	1416	1420	1426	rBV	95547	97438	2.40%	0.164%
13	10.680	1457	1461	1473	rVV	2098918	2198038	54.24%	3.698%
14	10.810	1477	1483	1488	rVB6	34647	68552	1.69%	0.115%
15	10.986	1508	1513	1516	rBV3	43532	54560	1.35%	0.092%
16	11.239	1551	1556	1560	rBV4	48955	74951	1.85%	0.126%
17	11.274	1560	1562	1568	rVB	94495	89937	2.22%	0.151%
18	11.380	1576	1580	1582	rBV	1539852	1459223	36.01%	2.455%
19	11.404	1582	1584	1587	rVV	1527413	1175354	29.00%	1.978%
20	11.451	1588	1592	1596	rVB	447577	448258	11.06%	0.754%
21	11.610	1616	1619	1627	rBV2	81777	115605	2.85%	0.195%
22	11.669	1627	1629	1632	rVV2	64159	54925	1.36%	0.092%
23	11.880	1661	1665	1667	rBV	210234	182069	4.49%	0.306%
24	11.910	1667	1670	1675	rVV	344566	368541	9.09%	0.620%
25	11.957	1675	1678	1681	rVV	136329	138323	3.41%	0.233%
26	11.992	1681	1684	1686	rVV	391906	397227	9.80%	0.668%
27	12.016	1686	1688	1693	rVB	161464	145860	3.60%	0.245%
28	12.074	1693	1698	1703	rBV5	43904	76461	1.89%	0.129%
29	12.174	1711	1715	1718	rBV	185974	169182	4.17%	0.285%
30	12.204	1718	1720	1725	rVB	94373	90593	2.24%	0.152%
31	12.327	1735	1741	1744	rBV	70398	94270	2.33%	0.159%
32	12.357	1744	1746	1748	rVV	74620	57789	1.43%	0.097%
33	12.427	1755	1758	1761	rBV	180820	189418	4.67%	0.319%
34	12.468	1761	1765	1767	rVV2	125413	150009	3.70%	0.252%

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Integrator: RTE

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35	12.521	1770	1774	1778	rBV2	119589	143319	3.54%	0.241%
36	12.598	1782	1787	1790	rBV	2479615	2373392	58.57%	3.993%
37	12.657	1795	1797	1800	rVB2	75439	62378	1.54%	0.105%
38	12.692	1800	1803	1805	rBV	47613	52334	1.29%	0.088%
39	12.745	1809	1812	1815	rVV	71532	77317	1.91%	0.130%
40	12.821	1819	1825	1831	rBV2	2044589	2672283	65.94%	4.496%
41	12.868	1831	1833	1838	rVB2	121437	159476	3.94%	0.268%
42	12.968	1842	1850	1857	rVB	3589698	4052380	100.00%	6.819%
43	13.039	1857	1862	1866	rBV2	198961	340689	8.41%	0.573%
44	13.127	1874	1877	1878	rBV2	158802	162132	4.00%	0.273%
45	13.151	1878	1881	1884	rVB	510103	488915	12.06%	0.823%
46	13.192	1884	1888	1889	rBV3	55405	63403	1.56%	0.107%
47	13.215	1889	1892	1895	rBV	362105	291986	7.21%	0.491%
48	13.257	1895	1899	1901	rBV2	265258	304903	7.52%	0.513%
49	13.310	1906	1908	1911	rVB	83524	69287	1.71%	0.117%
50	13.345	1911	1914	1917	rBV	140205	139464	3.44%	0.235%
51	13.380	1917	1920	1923	rBV3	139501	153068	3.78%	0.258%
52	13.463	1932	1934	1937	rVB	51406	49368	1.22%	0.083%
53	13.533	1942	1946	1948	rVV3	121443	165768	4.09%	0.279%
54	13.574	1951	1953	1956	rVV	146523	166710	4.11%	0.281%
55	13.633	1960	1963	1965	rVV	92670	101300	2.50%	0.170%
56	13.662	1965	1968	1972	rVB	179122	193730	4.78%	0.326%
57	13.768	1982	1986	1989	rBV	264543	299598	7.39%	0.504%
58	13.798	1989	1991	1993	rVB	243002	183584	4.53%	0.309%
59	13.821	1993	1995	2000	rBV2	229250	280941	6.93%	0.473%
60	13.868	2000	2003	2007	rBV2	269604	335684	8.28%	0.565%
61	14.021	2021	2029	2032	rBV2	2018134	3511614	86.66%	5.909%
62	14.051	2032	2034	2037	rVV	1594833	1307420	32.26%	2.200%
63	14.127	2045	2047	2051	rVB	387716	315532	7.79%	0.531%
64	14.174	2052	2055	2058	rBV3	146403	157335	3.88%	0.265%
65	14.239	2063	2066	2070	rVV2	139195	190969	4.71%	0.321%
66	14.339	2081	2083	2086	rVV	62478	57061	1.41%	0.096%
67	14.368	2086	2088	2090	rVV	117101	116516	2.88%	0.196%
68	14.410	2090	2095	2097	rVV	350213	432234	10.67%	0.727%
69	14.439	2097	2100	2104	rVV2	179339	224157	5.53%	0.377%
70	14.486	2104	2108	2110	rVV2	229910	306647	7.57%	0.516%
71	14.504	2110	2111	2114	rVV	197423	173249	4.28%	0.292%

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72	14.533	2114	2116	2118	rVV	238552	245880	6.07%	0.414%
73	14.557	2118	2120	2123	rVV	250210	236905	5.85%	0.399%
74	14.604	2123	2128	2134	rVB3	118918	194423	4.80%	0.327%
75	14.721	2145	2148	2150	rBV	90455	89501	2.21%	0.151%
76	14.786	2156	2159	2165	rVB2	190044	214020	5.28%	0.360%
77	14.862	2169	2172	2175	rBV	62899	61263	1.51%	0.103%
78	14.904	2175	2179	2183	rBV2	96098	130154	3.21%	0.219%
79	14.968	2186	2190	2192	rBV3	60938	90951	2.24%	0.153%
80	15.068	2202	2207	2210	rBV	1336956	2171979	53.60%	3.655%
81	15.121	2214	2216	2222	rVV3	254866	344037	8.49%	0.579%
82	15.174	2222	2225	2229	rVB	287542	288466	7.12%	0.485%
83	15.262	2236	2240	2241	rBV2	92589	112886	2.79%	0.190%
84	15.368	2254	2258	2264	rVB	740802	990532	24.44%	1.667%
85	15.433	2264	2269	2274	rBV	1159340	1470539	36.29%	2.474%
86	15.498	2274	2280	2283	rVV	1004164	1464319	36.13%	2.464%
87	15.527	2283	2285	2292	rVB	376178	443111	10.93%	0.746%
88	15.668	2306	2309	2312	rBV2	51359	72889	1.80%	0.123%
89	15.851	2338	2340	2347	rVB2	50779	78317	1.93%	0.132%
90	15.939	2349	2355	2359	rBV	190750	311663	7.69%	0.524%
91	16.056	2371	2375	2380	rVB2	86597	120727	2.98%	0.203%
92	16.439	2436	2440	2448	rVB	75309	124050	3.06%	0.209%
93	16.774	2492	2497	2500	rBV2	59275	98251	2.42%	0.165%
94	16.809	2500	2503	2509	rVB	38243	61132	1.51%	0.103%
95	16.974	2523	2531	2537	rBV	521526	1023906	25.27%	1.723%
96	17.039	2538	2542	2551	rVB4	75351	166915	4.12%	0.281%
97	17.145	2553	2560	2565	rBV	118176	245200	6.05%	0.413%
98	17.203	2565	2570	2575	rBV2	79358	140095	3.46%	0.236%
99	17.415	2599	2606	2623	rBV	372166	849530	20.96%	1.429%
100	17.656	2641	2647	2655	rBV	112517	267665	6.61%	0.450%

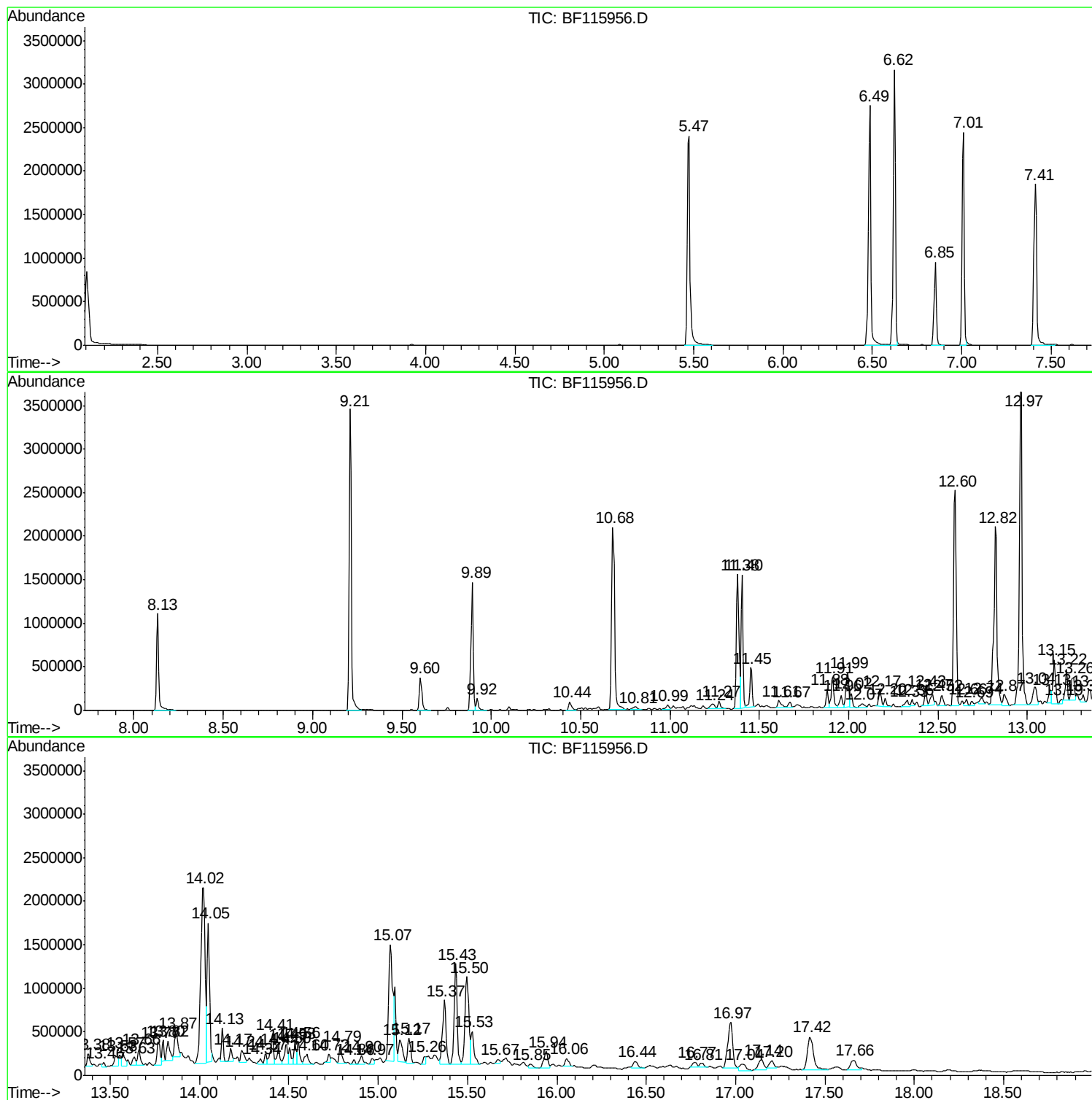
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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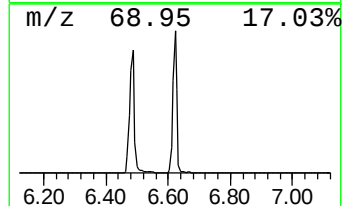
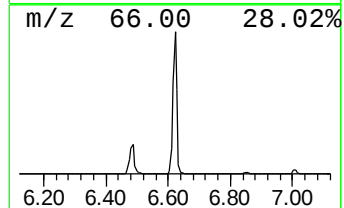
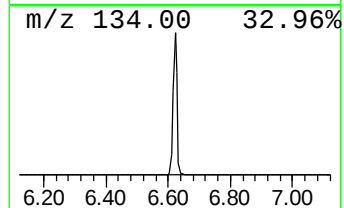
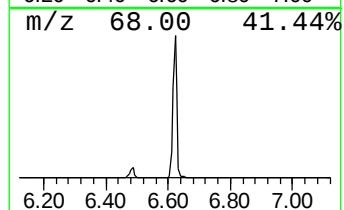
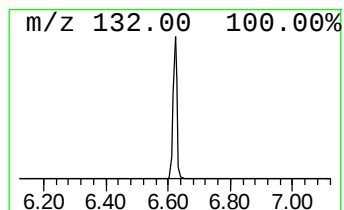
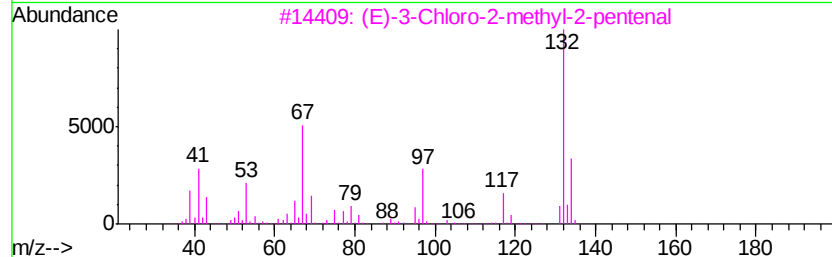
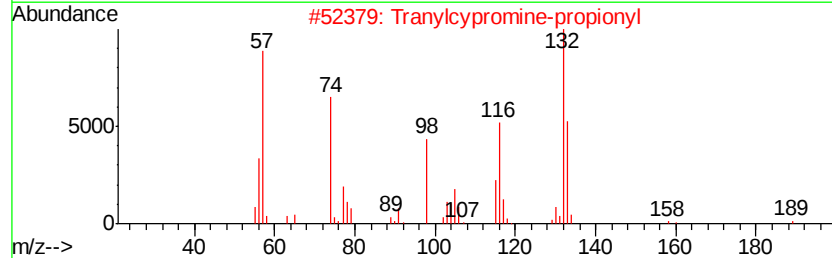
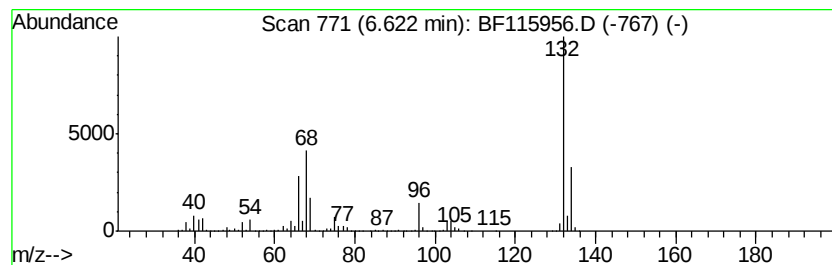
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	70.52 ng	2839820	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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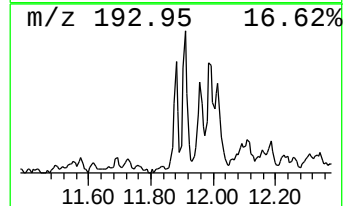
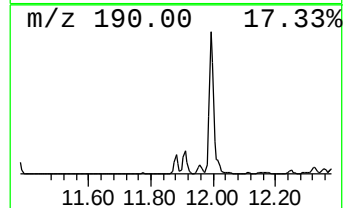
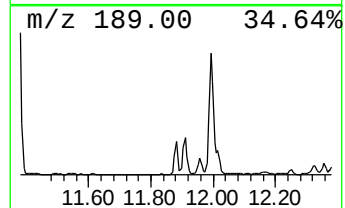
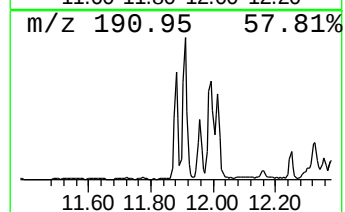
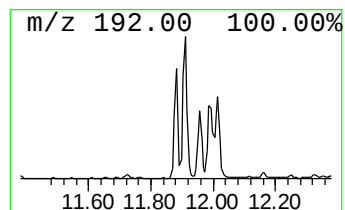
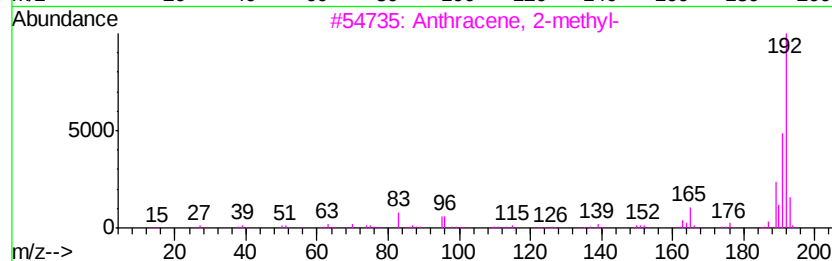
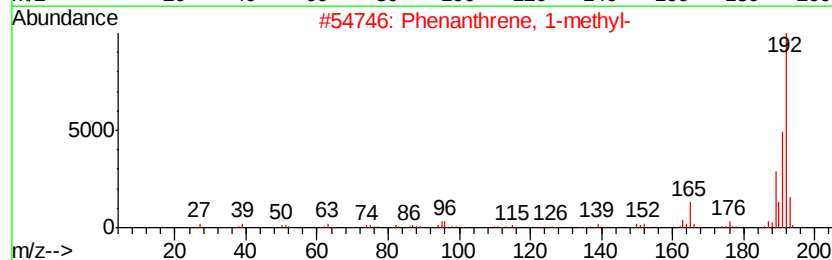
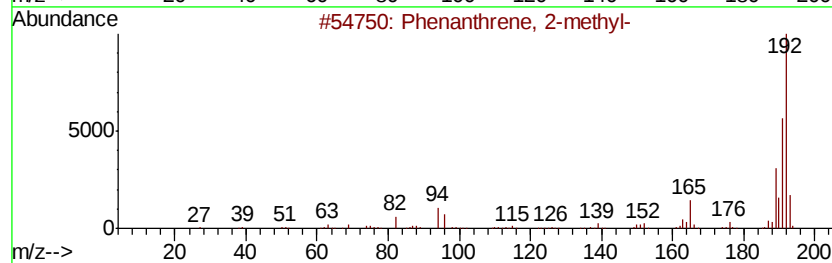
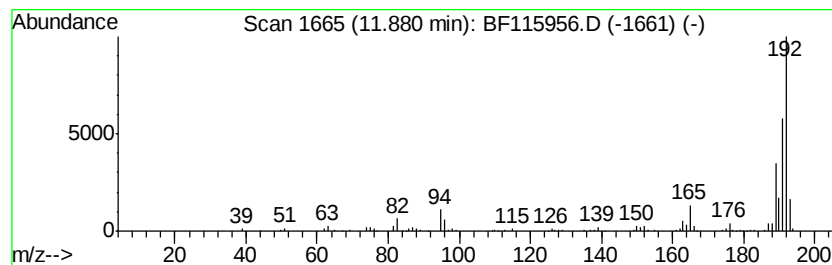
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	2.50 ng	182069	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



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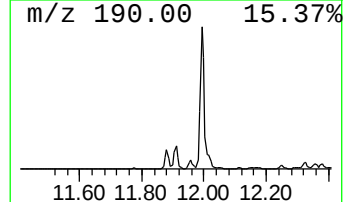
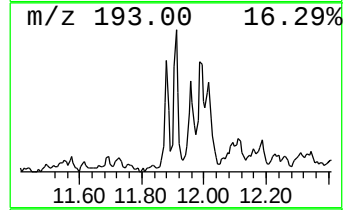
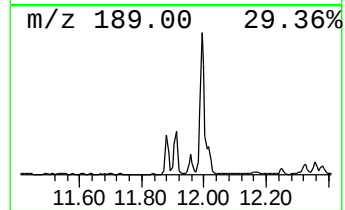
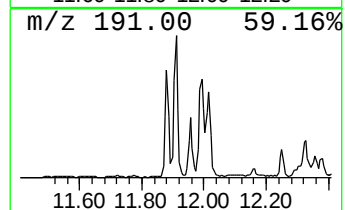
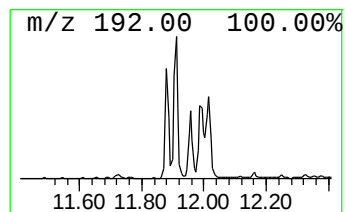
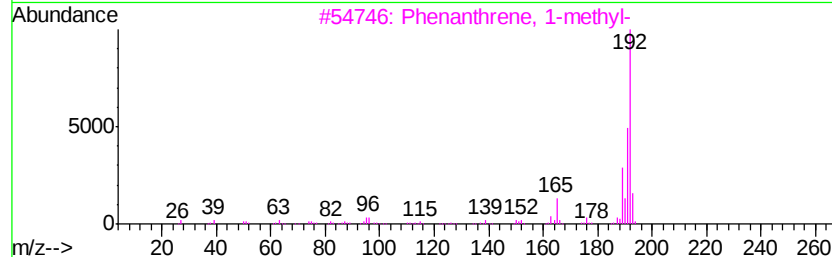
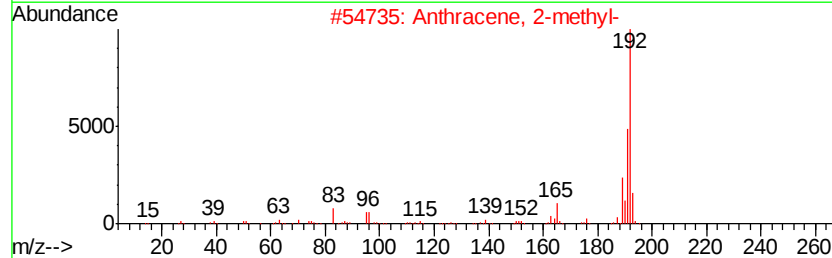
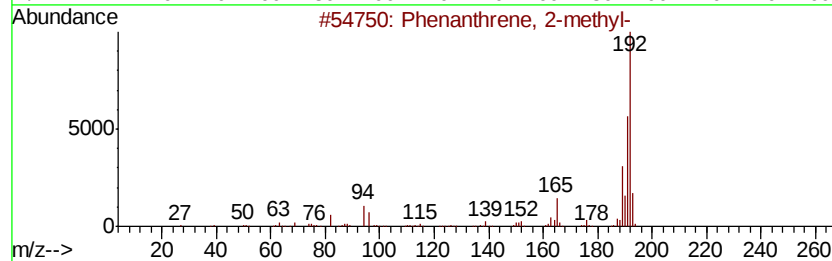
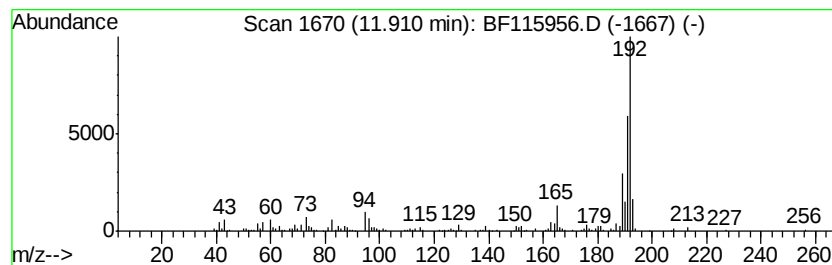
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	5.05 ng	368541	Phenanthrene-d10	11.38

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	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
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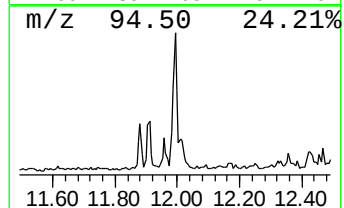
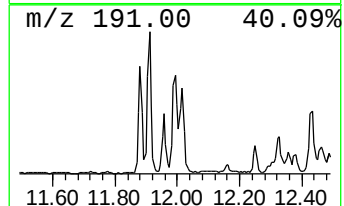
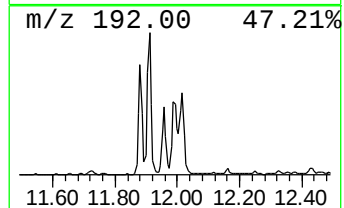
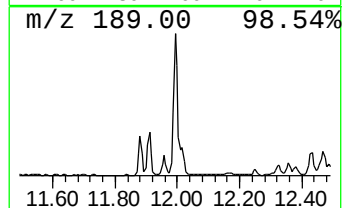
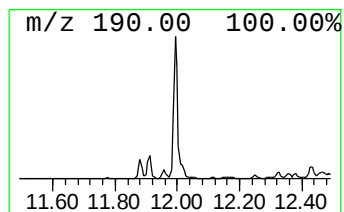
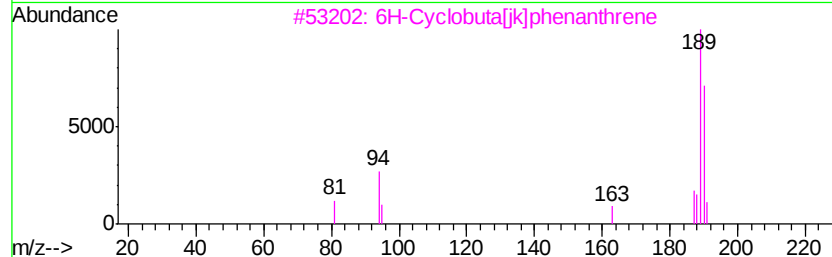
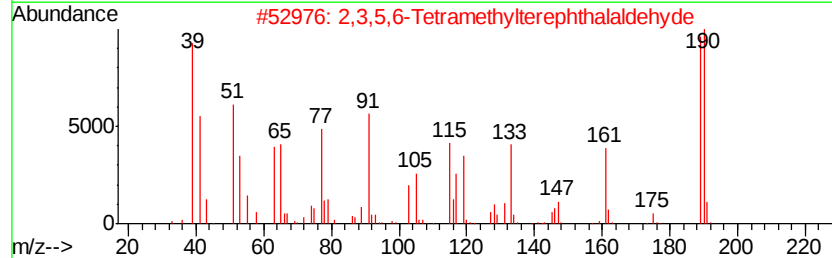
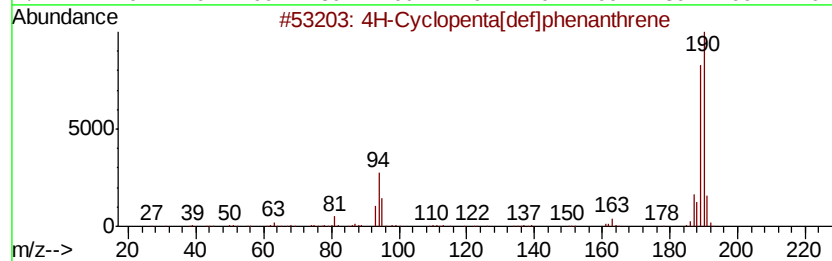
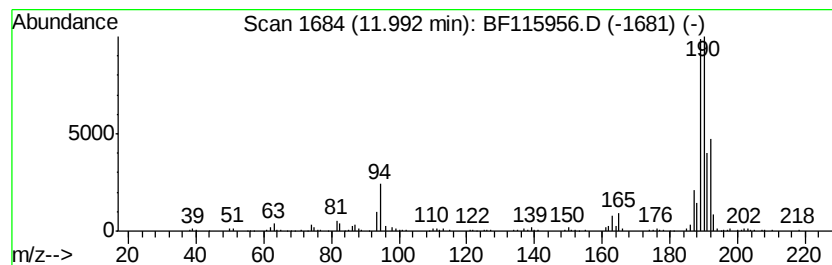
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	5.44 ng	397227	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
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Operator : HP/JU
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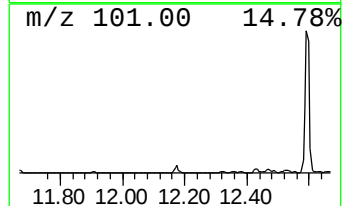
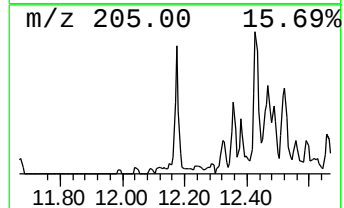
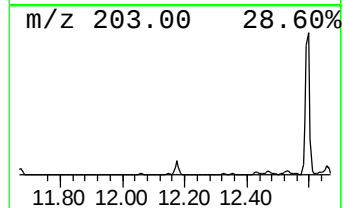
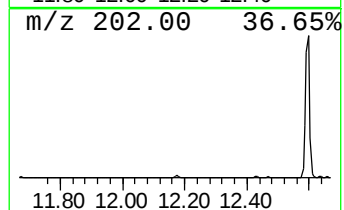
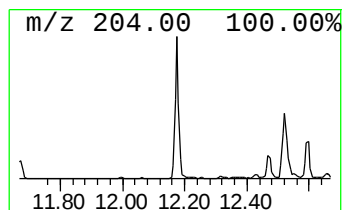
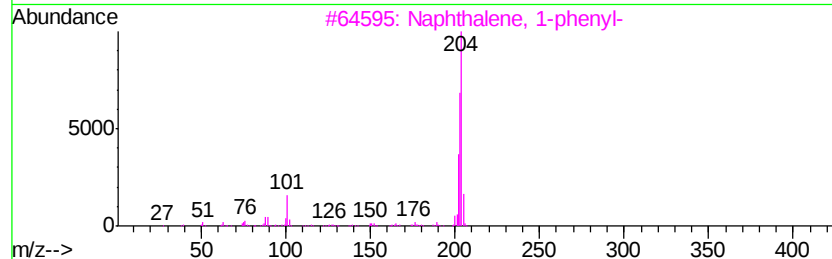
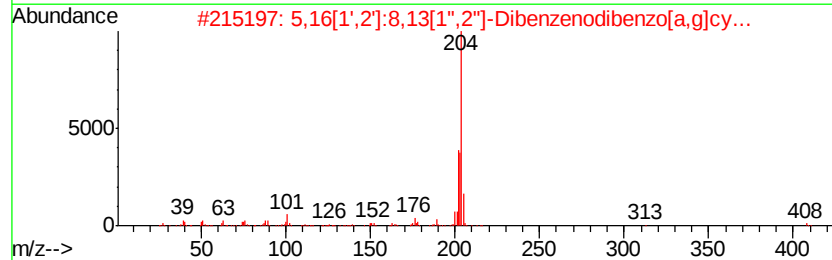
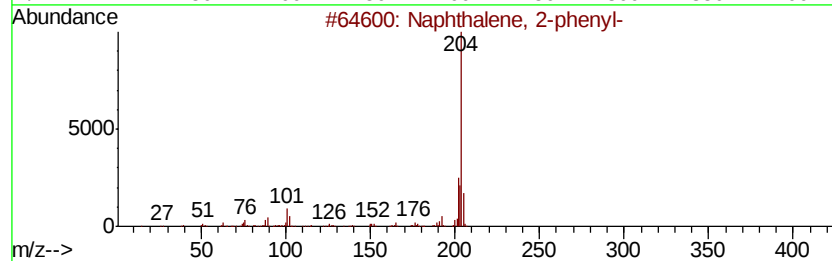
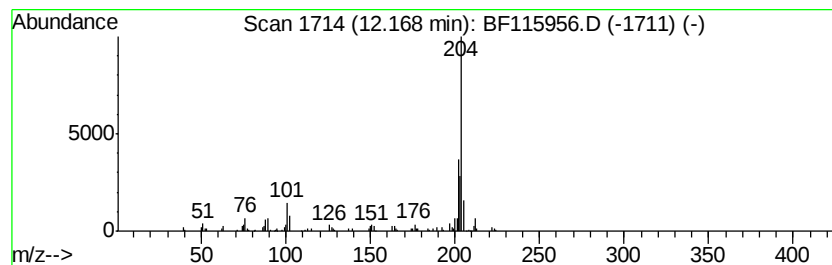
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	2.32 ng	169182	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	55
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

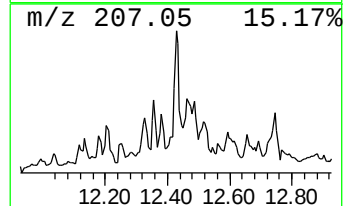
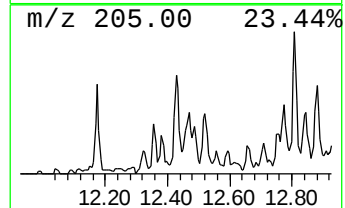
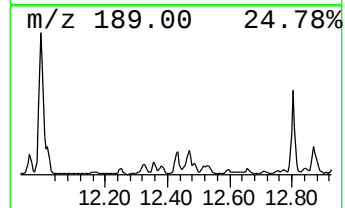
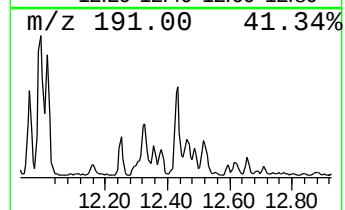
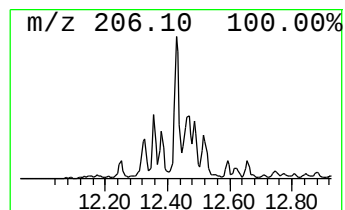
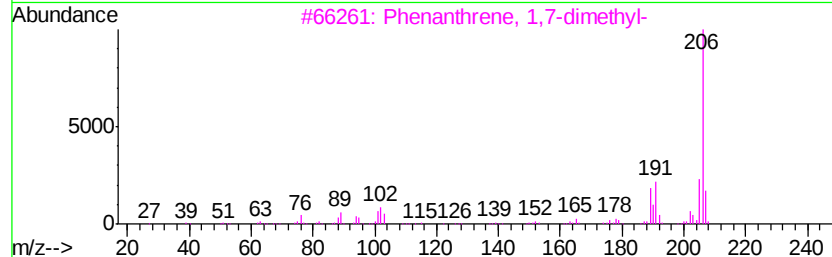
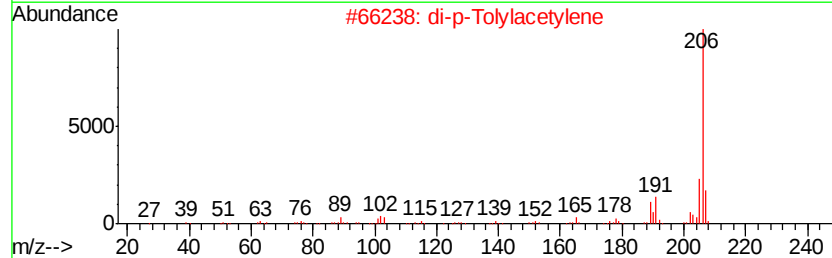
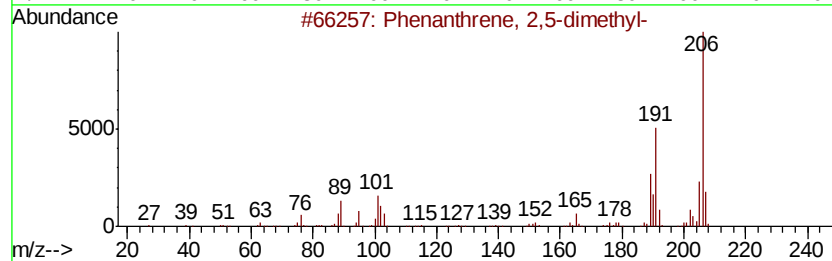
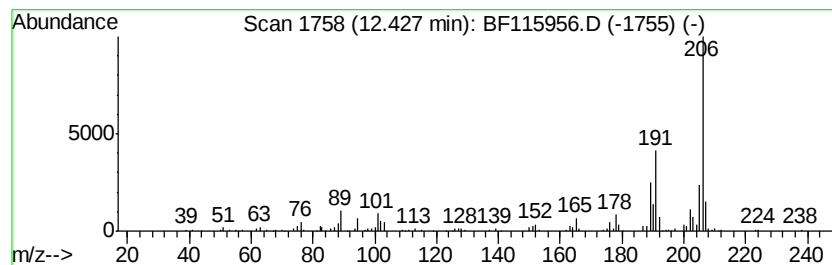
Instrument :
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1S-F1-F4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.43	2.60 ng	189418	Phenanthrene-d10		11.38
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	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

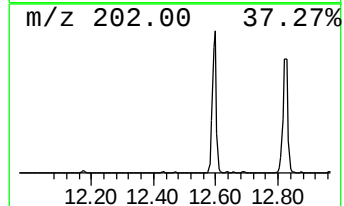
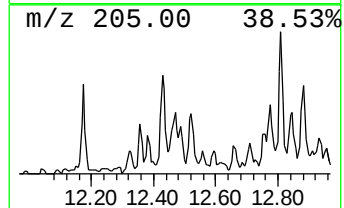
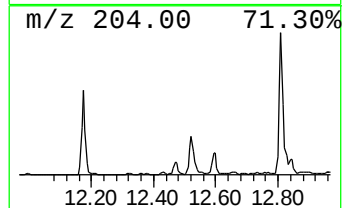
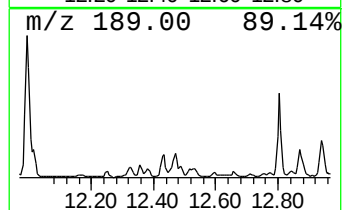
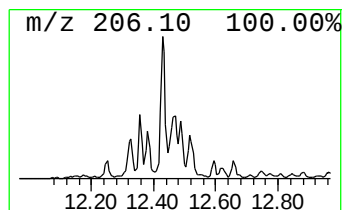
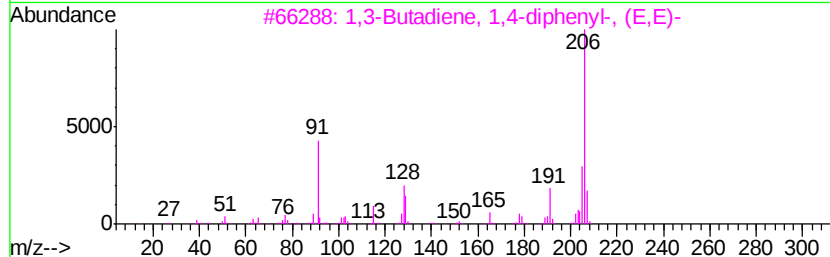
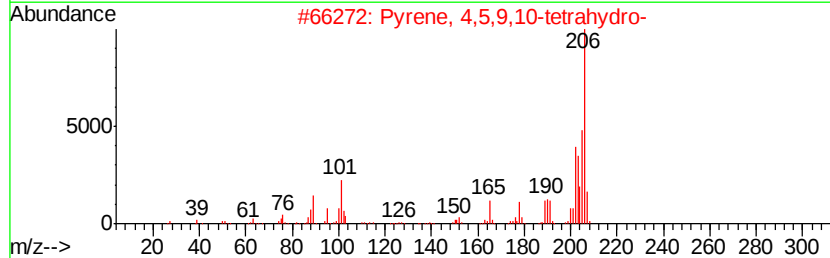
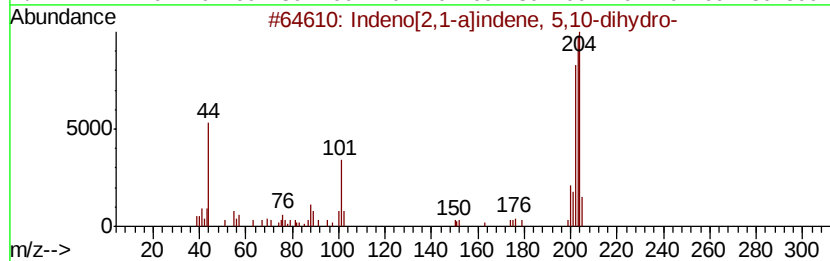
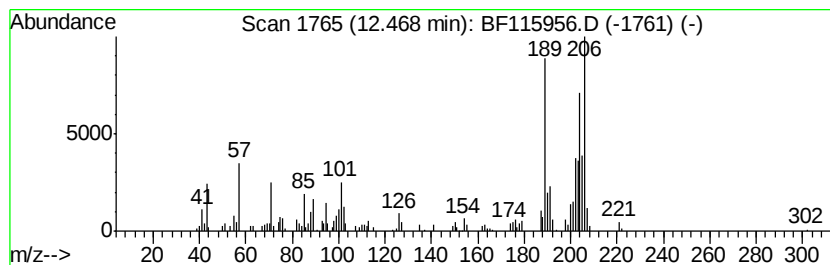
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.47 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.06 ng	150009	Phenanthrene-d10	11.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Indeno[2,1-a]indene, 5,10-dihydro-	204 C16H12	006543-29-9 44
2		Pyrene, 4,5,9,10-tetrahydro-	206 C16H14	000781-17-9 43
3		1,3-Butadiene, 1,4-diphenyl-, (E...	206 C16H14	000538-81-8 38
4		di-p-Tolylacetylene	206 C16H14	002789-88-0 38
5		3-Methoxy-2,4,5-trifluorobenzoic...	248 C11H11F3O3	1000338-75-8 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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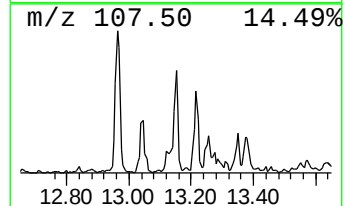
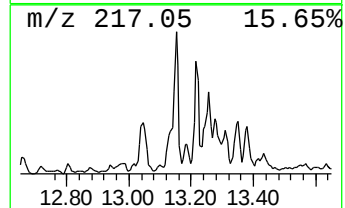
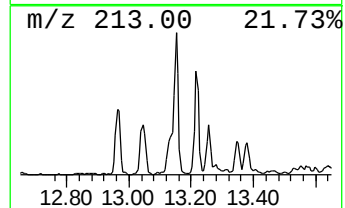
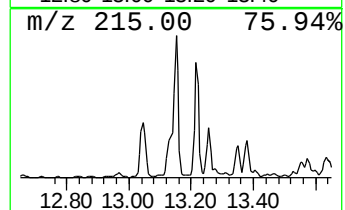
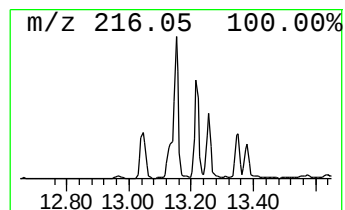
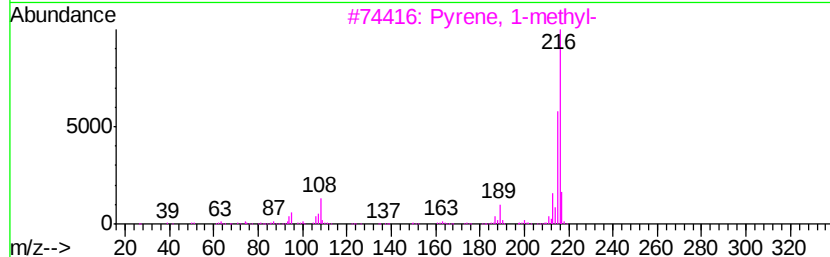
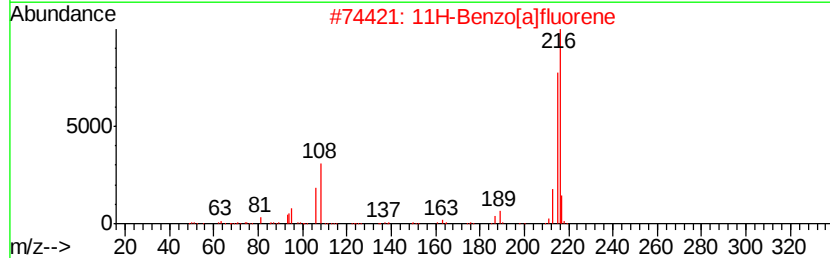
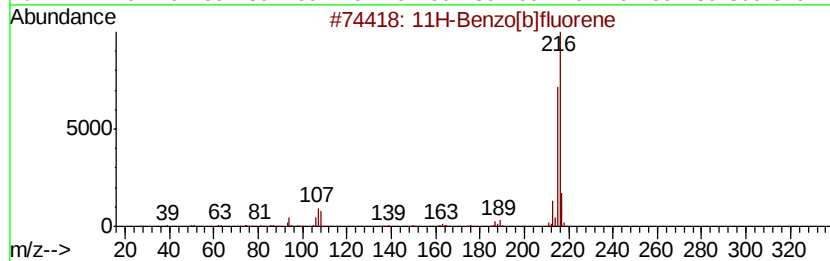
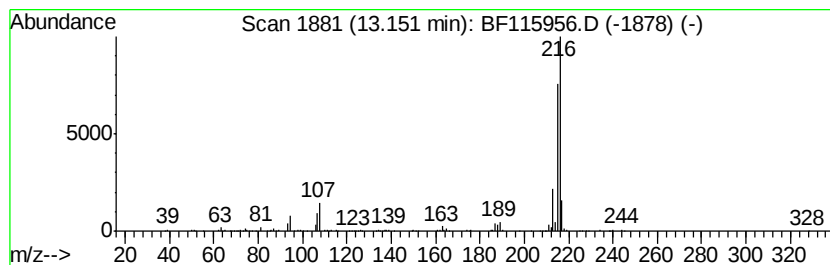
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.78 ng	488915	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	11H-Benzo[b]fluorene	216 C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216 C17H12	000238-84-6	93
3	Pvrene, 1-methyl-	216 C17H12	002381-21-7	87
4	7H-Benzo[c]fluorene	216 C17H12	000205-12-9	81
5	Pyrene, 2-methyl-	216 C17H12	003442-78-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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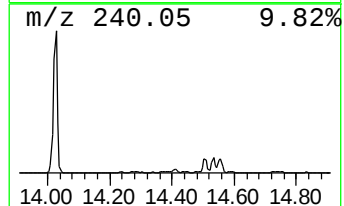
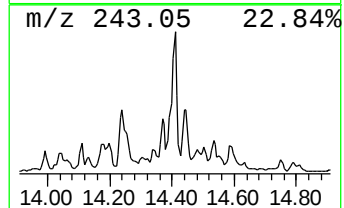
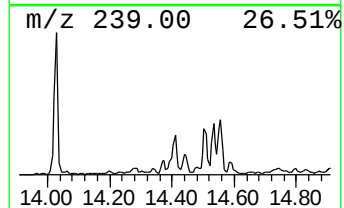
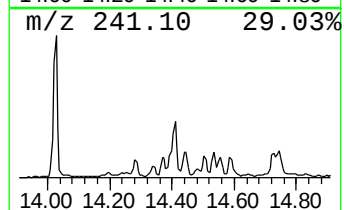
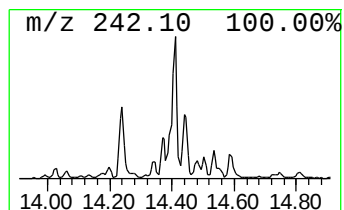
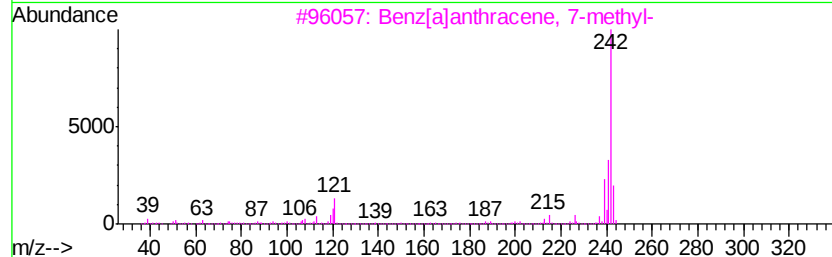
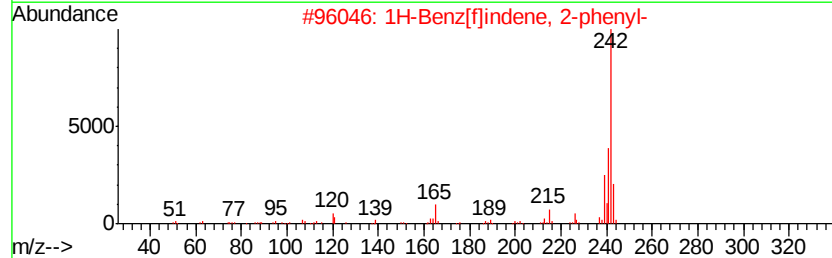
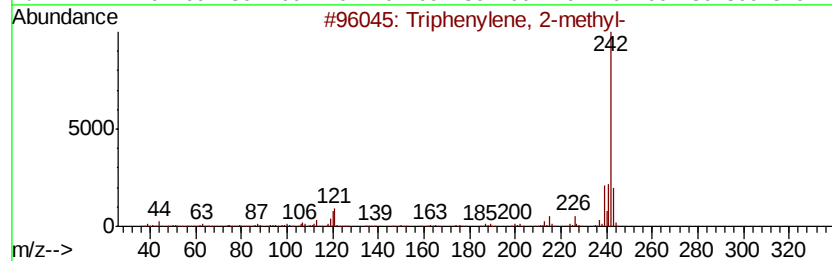
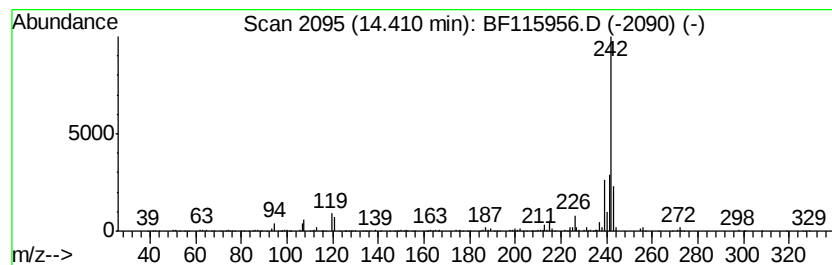
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Triphenylene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.46 ng	432234	Chrysene-d12	14.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triphenylene, 2-methyl-	242 C19H14	001705-84-6 96
2		1H-Benz[flindene, 2-phenyl-	242 C19H14	1000305-22-4 94
3		Benz[alanthracene, 7-methyl-	242 C19H14	002541-69-7 93
4		Chrysene, 1-methyl-	242 C19H14	003351-28-8 91
5		Chrysene, 5-methyl-	242 C19H14	003697-24-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1S-F1-F4-COMP-(30)

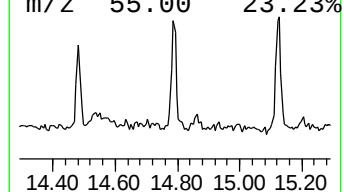
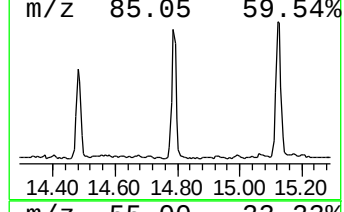
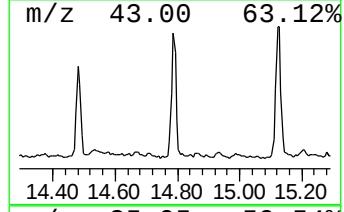
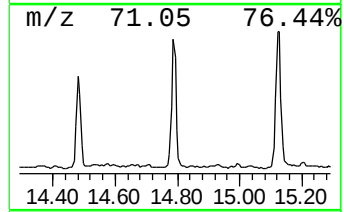
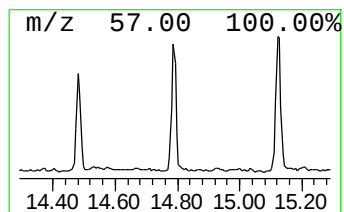
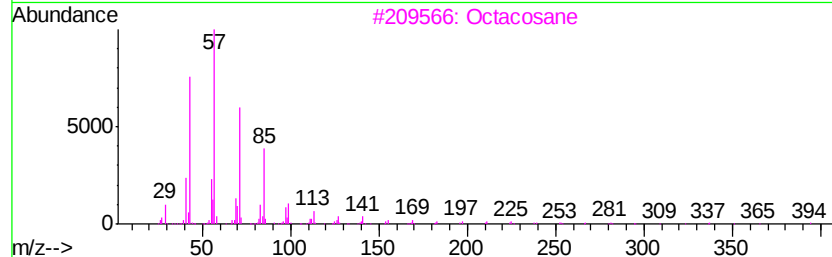
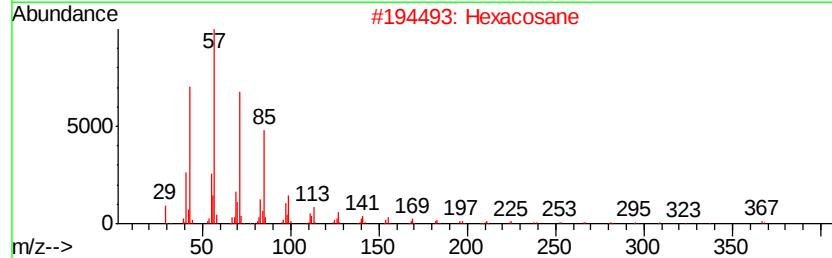
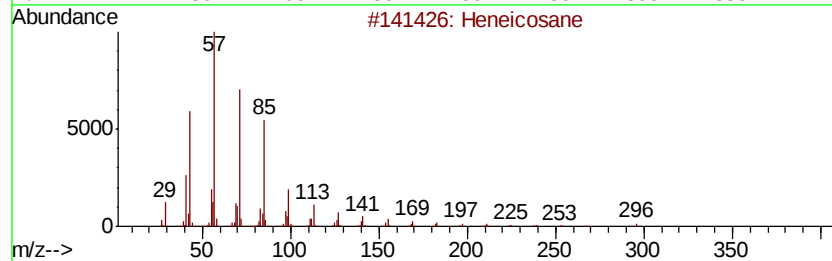
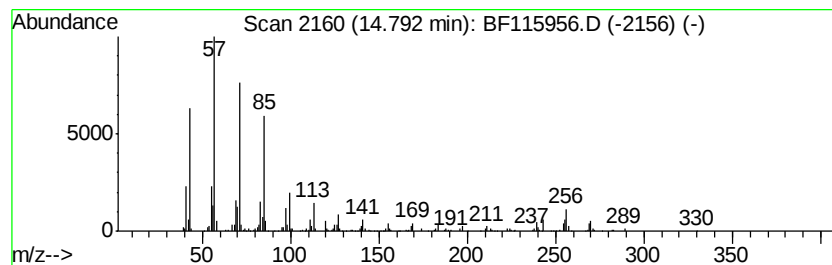
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.92 ng	214020	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

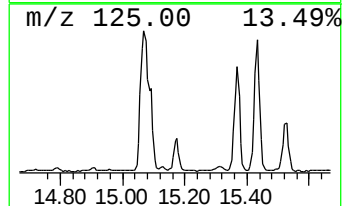
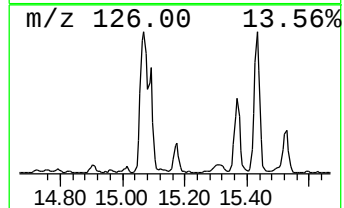
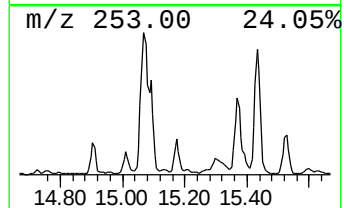
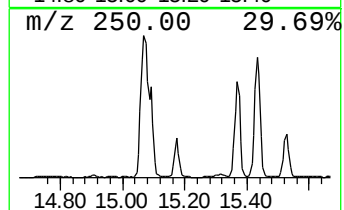
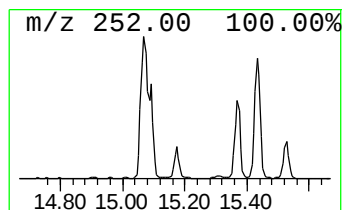
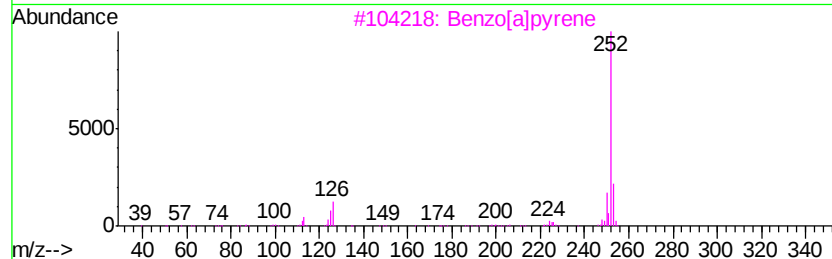
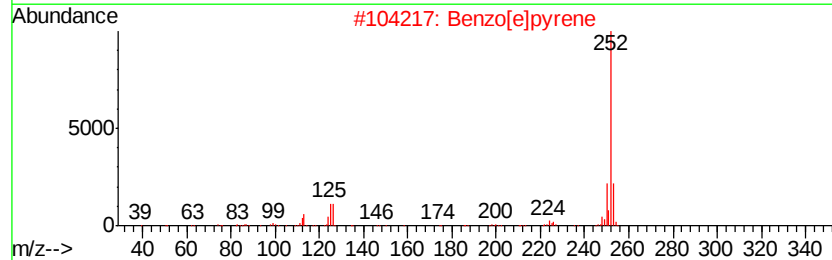
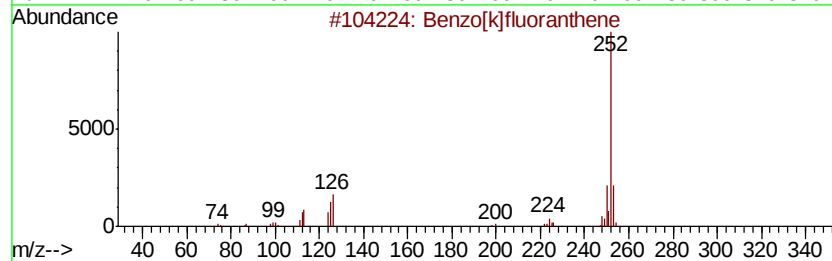
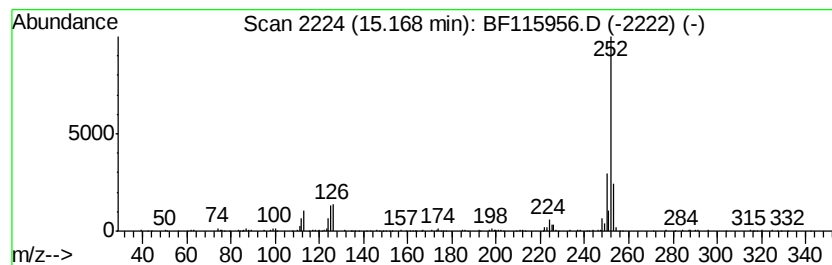
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.94 ng	288466	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benz[e]lancephenanthrylene	252	C20H12	000205-99-2	94
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

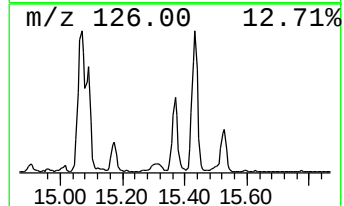
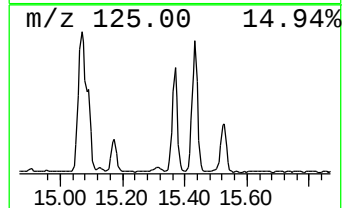
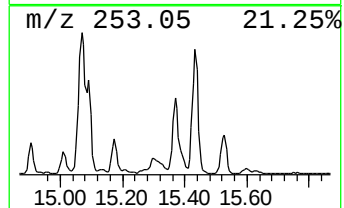
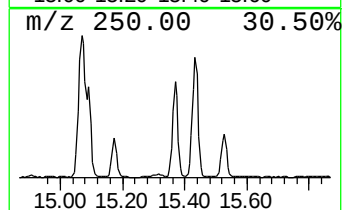
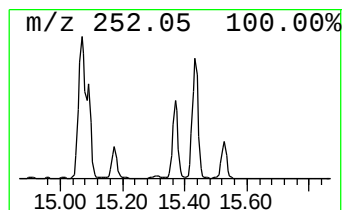
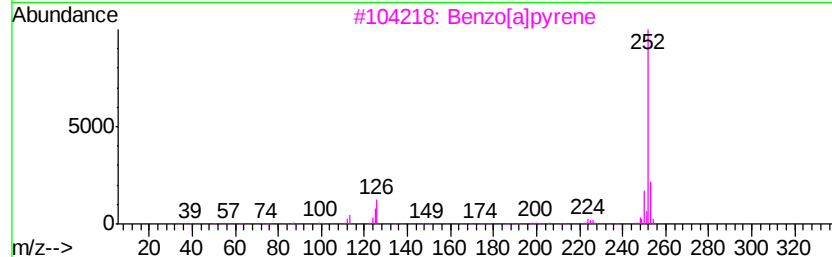
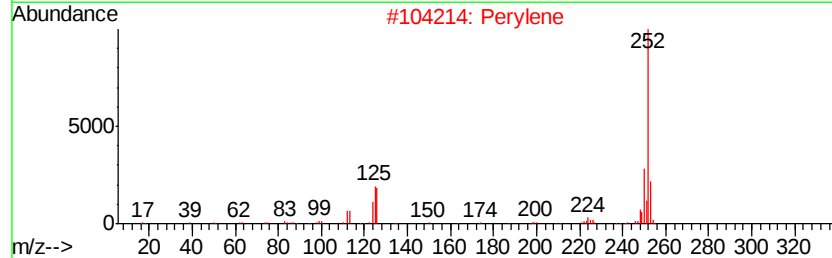
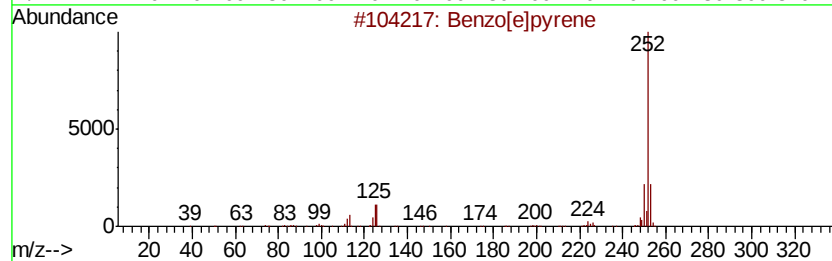
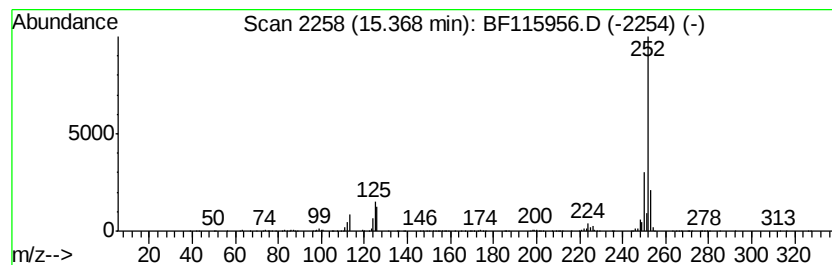
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	13.53 ng	990532	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[el]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	97
3		Benzo[al]pyrene	252	C20H12	000050-32-8	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1S-F1-F4-COMP-(30)

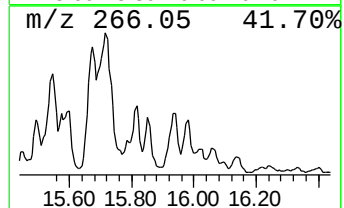
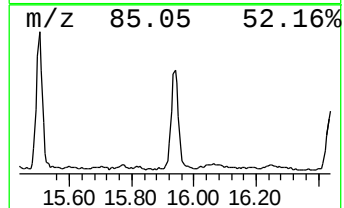
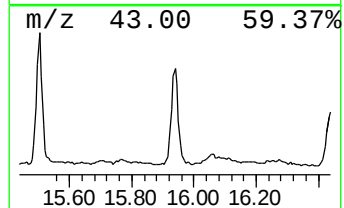
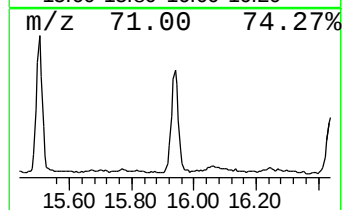
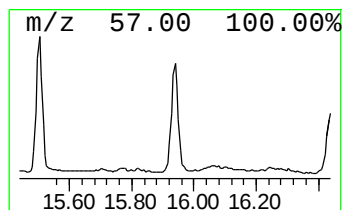
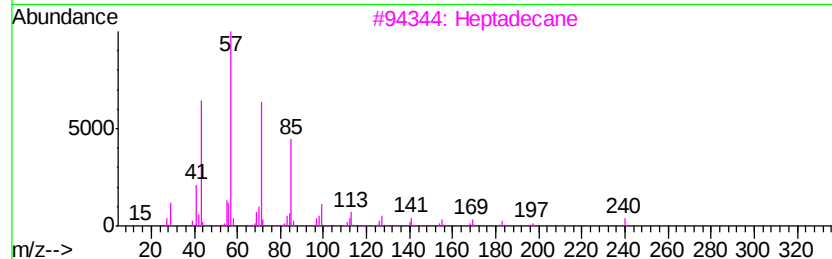
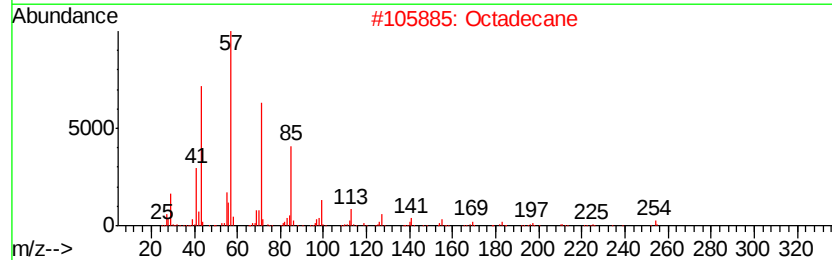
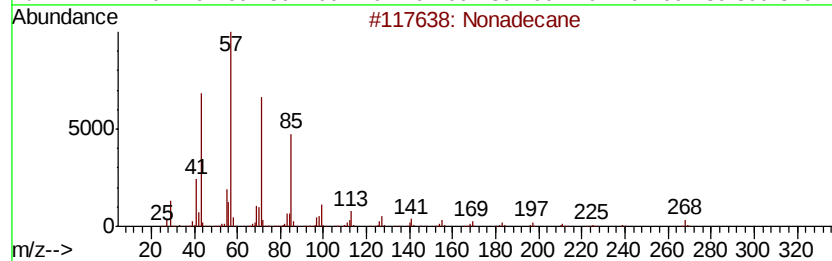
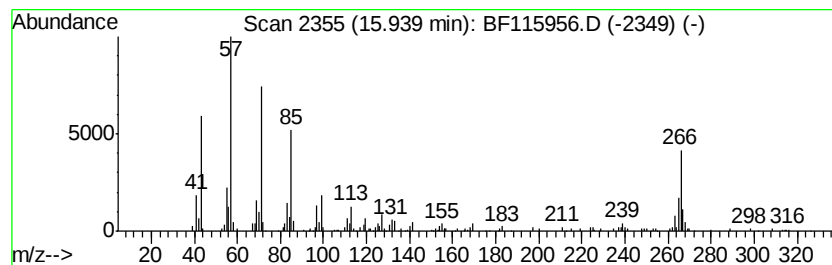
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.26 ng	311663	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Octadecane	254	C18H38	000593-45-3	95
3		Heptadecane	240	C17H36	000629-78-7	92
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
1S-F1-F4-COMP-(30)

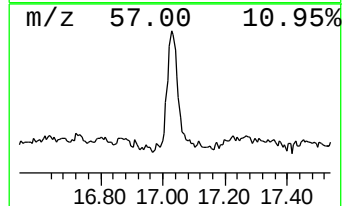
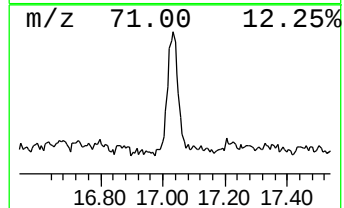
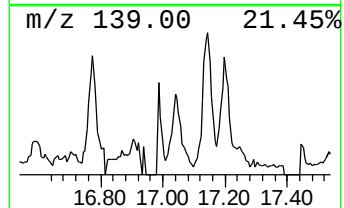
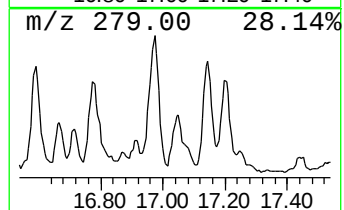
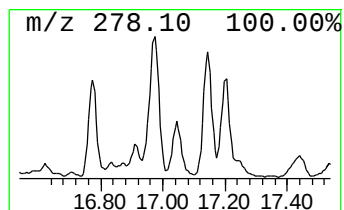
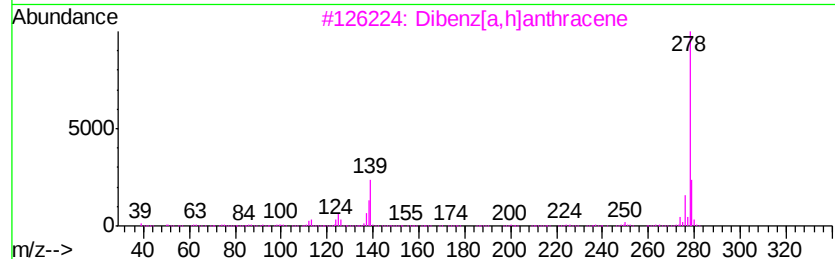
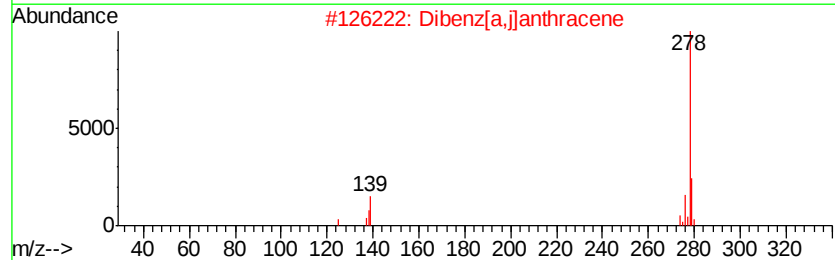
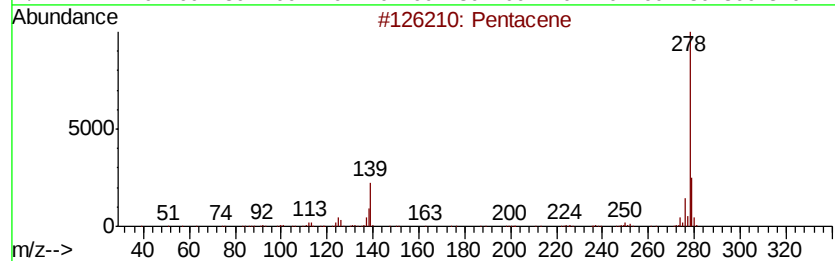
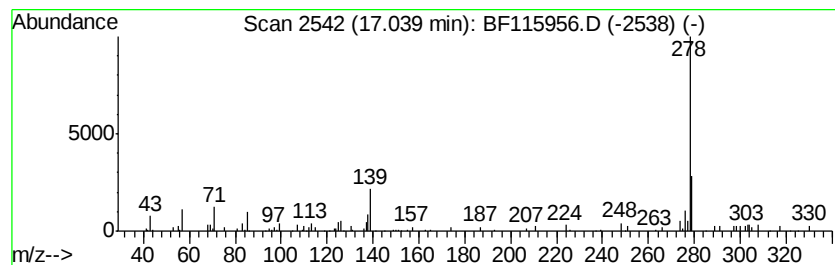
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	2.28 ng	166915	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacene	278	C22H14	000135-48-8	90
2		Dibenz[a,i]anthracene	278	C22H14	000224-41-9	83
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	81
4		Picene	278	C22H14	000213-46-7	72
5		p-Bis(phenylethynyl)benzene	278	C22H14	001849-27-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1S-F1-F4-COMP-(30)

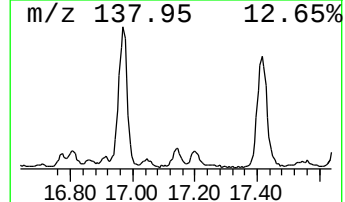
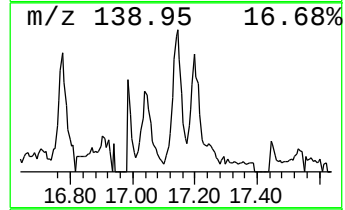
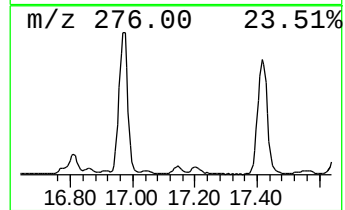
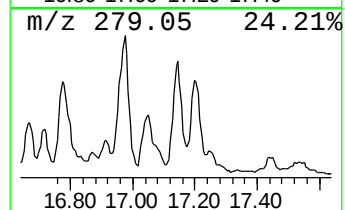
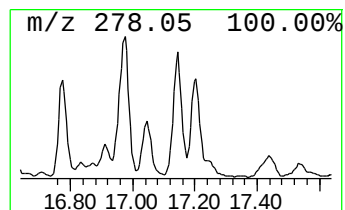
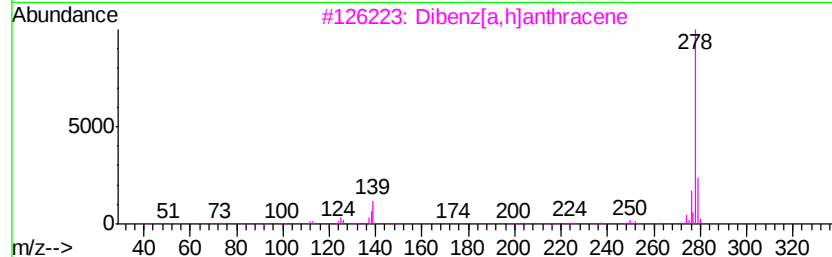
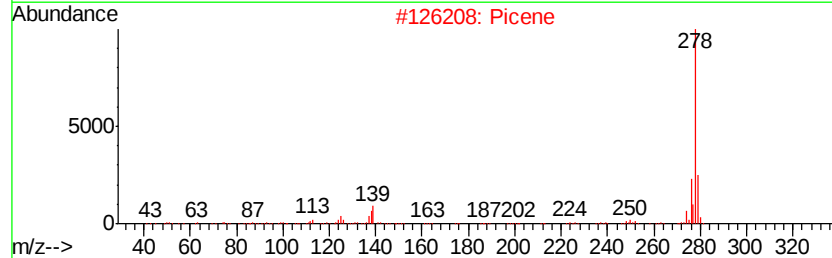
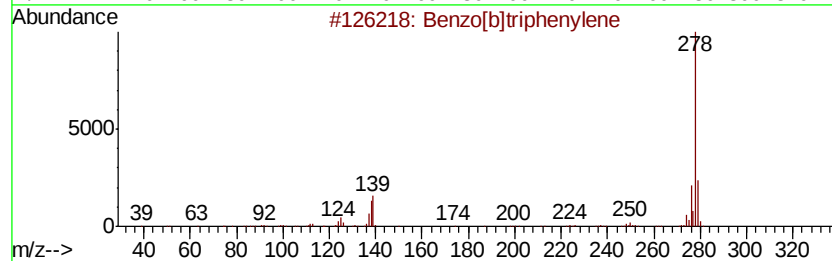
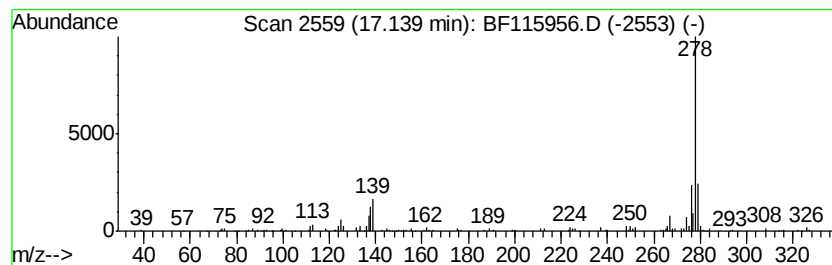
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.35 ng	245200	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Picene	278	C22H14	000213-46-7	97
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	94
5		Pentaphene	278	C22H14	000222-93-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115956.D
Acq On : 2 Aug 2019 19:38
Operator : HP/JU
Sample : K4130-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
1S-F1-F4-COMP-(30)

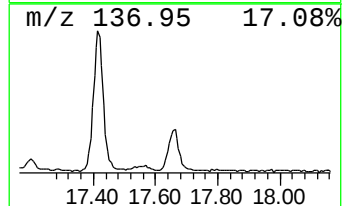
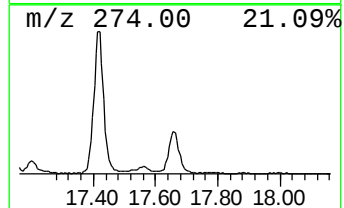
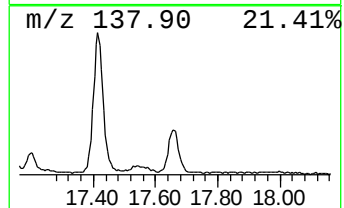
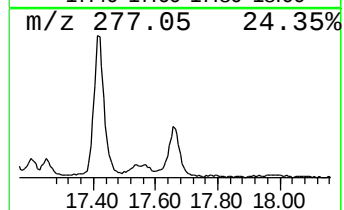
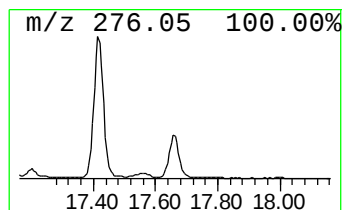
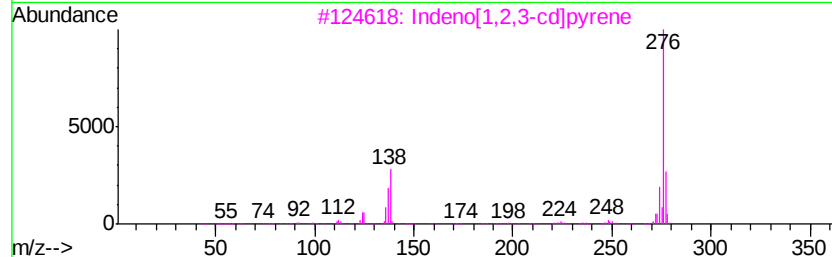
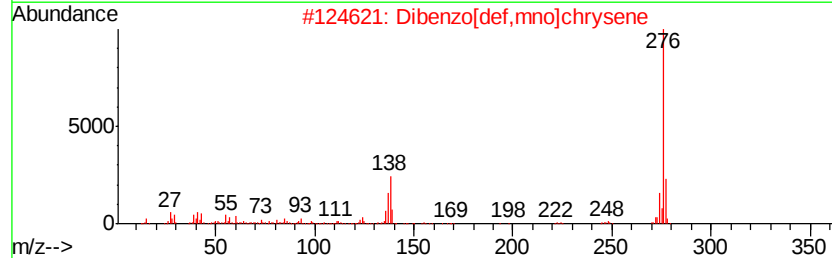
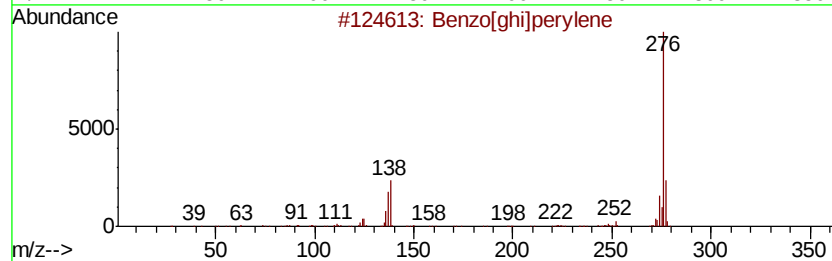
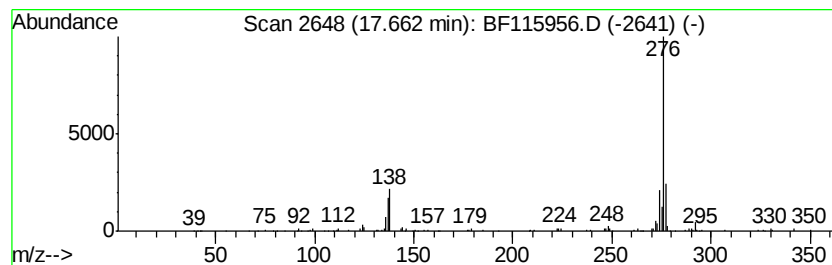
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	3.66 ng	267665	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	81
5		Oxalic acid, diamide, N,N'-bis(4...	276	C14H10F2N2O2	1000309-42-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
 Data File : BF115956.D
 Acq On : 2 Aug 2019 19:38
 Operator : HP/JU
 Sample : K4130-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1S-F1-F4-COMP-(30)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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					#	RT	Resp	Conc
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Phenanthrene, 2-m...	11.88	2.5	ng	182069	4	11.38	1459220	20.0
Phenanthrene, 1-m...	11.91	5.0	ng	368541	4	11.38	1459220	20.0
4H-Cyclopenta[def...	11.99	5.4	ng	397227	4	11.38	1459220	20.0
Naphthalene, 2-ph...	12.17	2.3	ng	169182	4	11.38	1459220	20.0
Phenanthrene, 2,5...	12.43	2.6	ng	189418	4	11.38	1459220	20.0
unknown12.47	12.47	2.1	ng	150009	4	11.38	1459220	20.0
11H-Benzo[b]fluorene	13.15	2.8	ng	488915	5	14.03	3511610	20.0
Triphenylene, 2-m...	14.41	2.5	ng	432234	5	14.03	3511610	20.0
Heneicosane	14.79	2.9	ng	214020	6	15.50	1464320	20.0
Benzo[e]pyrene	15.17	3.9	ng	288466	6	15.50	1464320	20.0
Perylene	15.37	13.5	ng	990532	6	15.50	1464320	20.0
Nonadecane	15.94	4.3	ng	311663	6	15.50	1464320	20.0
Pentacene	17.04	2.3	ng	166915	6	15.50	1464320	20.0
Benzo[b]triphenylene	17.14	3.4	ng	245200	6	15.50	1464320	20.0
Dibenzo[def,mno]c...	17.66	3.7	ng	267665	6	15.50	1464320	20.0