

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113066.D
 Acq On : 15 Mar 2019 15:26
 Operator : JU/SJ
 Sample : K1921-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 282-346

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-BF022719.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	5.340	548	553	568	rVB	3165122	3160599	65.62%	3.758%
2	6.375	724	729	744	rBV	3040839	3223154	66.92%	3.832%
3	6.498	746	750	753	rBV	3606735	3205674	66.56%	3.811%
4	6.728	785	789	792	rBV	793414	677162	14.06%	0.805%
5	6.881	811	815	819	rBV	2580515	2431729	50.49%	2.891%
6	7.286	879	884	887	rBV	2208067	1960401	40.70%	2.331%
7	8.010	1003	1007	1009	rBV	827002	817219	16.97%	0.972%
8	8.028	1009	1010	1017	rVB	267426	200794	4.17%	0.239%
9	9.080	1185	1189	1200	rBV	3568117	3595564	74.65%	4.275%
10	9.475	1253	1256	1262	rVV	236848	232338	4.82%	0.276%
11	9.616	1277	1280	1287	rBV	370384	328522	6.82%	0.391%
12	9.757	1299	1304	1307	rBV	1193097	1053789	21.88%	1.253%
13	9.786	1307	1309	1313	rVB	193744	163630	3.40%	0.195%
14	9.963	1336	1339	1343	rBV	113355	115293	2.39%	0.137%
15	10.298	1393	1396	1403	rVB	227878	233388	4.85%	0.277%
16	10.545	1433	1438	1443	rBV	2990026	2804672	58.23%	3.334%
17	10.669	1456	1459	1460	rBV2	91834	80466	1.67%	0.096%
18	10.845	1485	1489	1492	rBV3	60294	81115	1.68%	0.096%
19	11.039	1520	1522	1527	rVB2	103577	99624	2.07%	0.118%
20	11.133	1533	1538	1544	rVB2	136100	213879	4.44%	0.254%
21	11.233	1551	1555	1557	rBV	1315275	1193137	24.77%	1.418%
22	11.263	1557	1560	1563	rVV	2509594	2254330	46.81%	2.680%
23	11.310	1563	1568	1572	rVV	1588742	1305883	27.11%	1.553%
24	11.345	1572	1574	1578	rVB2	76609	80329	1.67%	0.096%
25	11.463	1589	1594	1597	rBV	252519	270089	5.61%	0.321%
26	11.533	1603	1606	1609	rBV2	81979	89724	1.86%	0.107%
27	11.733	1637	1640	1643	rBV	339678	316203	6.57%	0.376%
28	11.769	1643	1646	1650	rVV2	569919	750138	15.57%	0.892%
29	11.810	1650	1653	1656	rVV	222492	224291	4.66%	0.267%
30	11.845	1656	1659	1662	rVV	754506	819461	17.01%	0.974%
31	11.868	1662	1663	1668	rVB	278474	166607	3.46%	0.198%
32	12.027	1687	1690	1692	rBV	257480	221557	4.60%	0.263%
33	12.051	1692	1694	1698	rVB2	226940	195931	4.07%	0.233%
34	12.180	1711	1716	1719	rBV2	95166	121885	2.53%	0.145%

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 Integrator: RTE
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Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.210	1719	1721	1723	rVV	103663	81998	1.70%	0.097%
36	12.286	1728	1734	1737	rBV	229388	297909	6.19%	0.354%
37	12.321	1737	1740	1742	rVV	134441	176568	3.67%	0.210%
38	12.368	1745	1748	1753	rVB	212876	230746	4.79%	0.274%
39	12.451	1757	1762	1765	rBV	4961538	4816418	100.00%	5.726%
40	12.539	1774	1777	1782	rBV	601567	620923	12.89%	0.738%
41	12.592	1784	1786	1788	rVV	120359	88156	1.83%	0.105%
42	12.674	1794	1800	1803	rBV2	4048828	4784665	99.34%	5.688%
43	12.721	1806	1808	1813	rVB3	208030	228934	4.75%	0.272%
44	12.792	1816	1820	1821	rBV	283946	284996	5.92%	0.339%
45	12.821	1821	1825	1828	rVV	3911833	3917643	81.34%	4.658%
46	12.892	1831	1837	1840	rBV4	313029	504495	10.47%	0.600%
47	12.974	1844	1851	1852	rBV4	295737	349283	7.25%	0.415%
48	12.998	1852	1855	1859	rVB	873110	845113	17.55%	1.005%
49	13.063	1859	1866	1869	rBV	800059	796731	16.54%	0.947%
50	13.104	1869	1873	1875	rBV2	424762	453452	9.41%	0.539%
51	13.192	1885	1888	1891	rVB2	238772	192853	4.00%	0.229%
52	13.221	1891	1893	1896	rBV	237281	247159	5.13%	0.294%
53	13.245	1896	1897	1900	rVB2	111087	81312	1.69%	0.097%
54	13.380	1916	1920	1921	rBV3	75462	94754	1.97%	0.113%
55	13.398	1921	1923	1925	rVV2	93036	88637	1.84%	0.105%
56	13.480	1934	1937	1938	rBV2	103391	105444	2.19%	0.125%
57	13.504	1938	1941	1945	rVB	265416	296912	6.16%	0.353%
58	13.610	1955	1959	1962	rBV3	462377	544407	11.30%	0.647%
59	13.639	1962	1964	1966	rVV	411342	385434	8.00%	0.458%
60	13.663	1966	1968	1974	rVV3	424568	625966	13.00%	0.744%
61	13.721	1974	1978	1985	rVV3	347412	710841	14.76%	0.845%
62	13.780	1985	1988	1994	rVB2	129857	142980	2.97%	0.170%
63	13.862	1994	2002	2005	rBV2	3084885	4810337	99.87%	5.719%
64	13.892	2005	2007	2013	rVV	2624806	2313410	48.03%	2.750%
65	13.968	2018	2020	2022	rVV	240719	198742	4.13%	0.236%
66	14.004	2023	2026	2029	rVV	286410	317449	6.59%	0.377%
67	14.051	2030	2034	2036	rVV3	260586	348306	7.23%	0.414%
68	14.086	2036	2040	2043	rVV2	206234	335257	6.96%	0.399%
69	14.121	2043	2046	2048	rVB2	91335	90200	1.87%	0.107%
70	14.192	2054	2058	2059	rBV4	66440	89053	1.85%	0.106%
71	14.210	2059	2061	2063	rVV	130640	143890	2.99%	0.171%

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

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72	14.251	2063	2068	2070	rVV	443743	590975	12.27%	0.703%
73	14.280	2070	2073	2077	rVV2	263285	288661	5.99%	0.343%
74	14.339	2077	2083	2086	rVV3	391553	560380	11.63%	0.666%
75	14.368	2086	2088	2090	rVV	332192	353279	7.33%	0.420%
76	14.392	2090	2092	2096	rVV2	371228	340766	7.08%	0.405%
77	14.439	2098	2100	2107	rVB3	143962	165959	3.45%	0.197%
78	14.551	2116	2119	2121	rBV3	86064	99763	2.07%	0.119%
79	14.639	2129	2134	2141	rBV4	188231	345043	7.16%	0.410%
80	14.721	2143	2148	2155	rVB3	153764	326914	6.79%	0.389%
81	14.880	2169	2175	2177	rBV	2209735	3361985	69.80%	3.997%
82	14.951	2184	2187	2189	rBV2	226314	281102	5.84%	0.334%
83	14.974	2189	2191	2195	rVB	515311	468766	9.73%	0.557%
84	15.057	2202	2205	2206	rBV2	107367	121088	2.51%	0.144%
85	15.157	2217	2222	2228	rVB	1441690	1892369	39.29%	2.250%
86	15.221	2228	2233	2237	rVB	2081874	2518732	52.29%	2.994%
87	15.274	2237	2242	2244	rBV	950828	1161866	24.12%	1.381%
88	15.304	2244	2247	2253	rVB2	899266	1142272	23.72%	1.358%
89	15.439	2266	2270	2272	rBV2	95775	148088	3.07%	0.176%
90	15.604	2296	2298	2304	rVB3	97895	140034	2.91%	0.166%
91	15.709	2313	2316	2322	rVB2	230372	309014	6.42%	0.367%
92	15.792	2327	2330	2338	rVB2	185872	285561	5.93%	0.339%
93	16.180	2392	2396	2400	rBV	101816	158553	3.29%	0.188%
94	16.456	2438	2443	2446	rBV2	147934	292924	6.08%	0.348%
95	16.639	2467	2474	2481	rVB2	1108871	2071078	43.00%	2.462%
96	16.709	2481	2486	2493	rVB3	98313	214044	4.44%	0.254%
97	16.792	2495	2500	2504	rBV	194385	349038	7.25%	0.415%
98	16.845	2505	2509	2515	rBV3	174212	332861	6.91%	0.396%
99	17.045	2536	2543	2558	rVB	834515	1819970	37.79%	2.164%
100	17.256	2573	2579	2592	rVB2	258622	642851	13.35%	0.764%

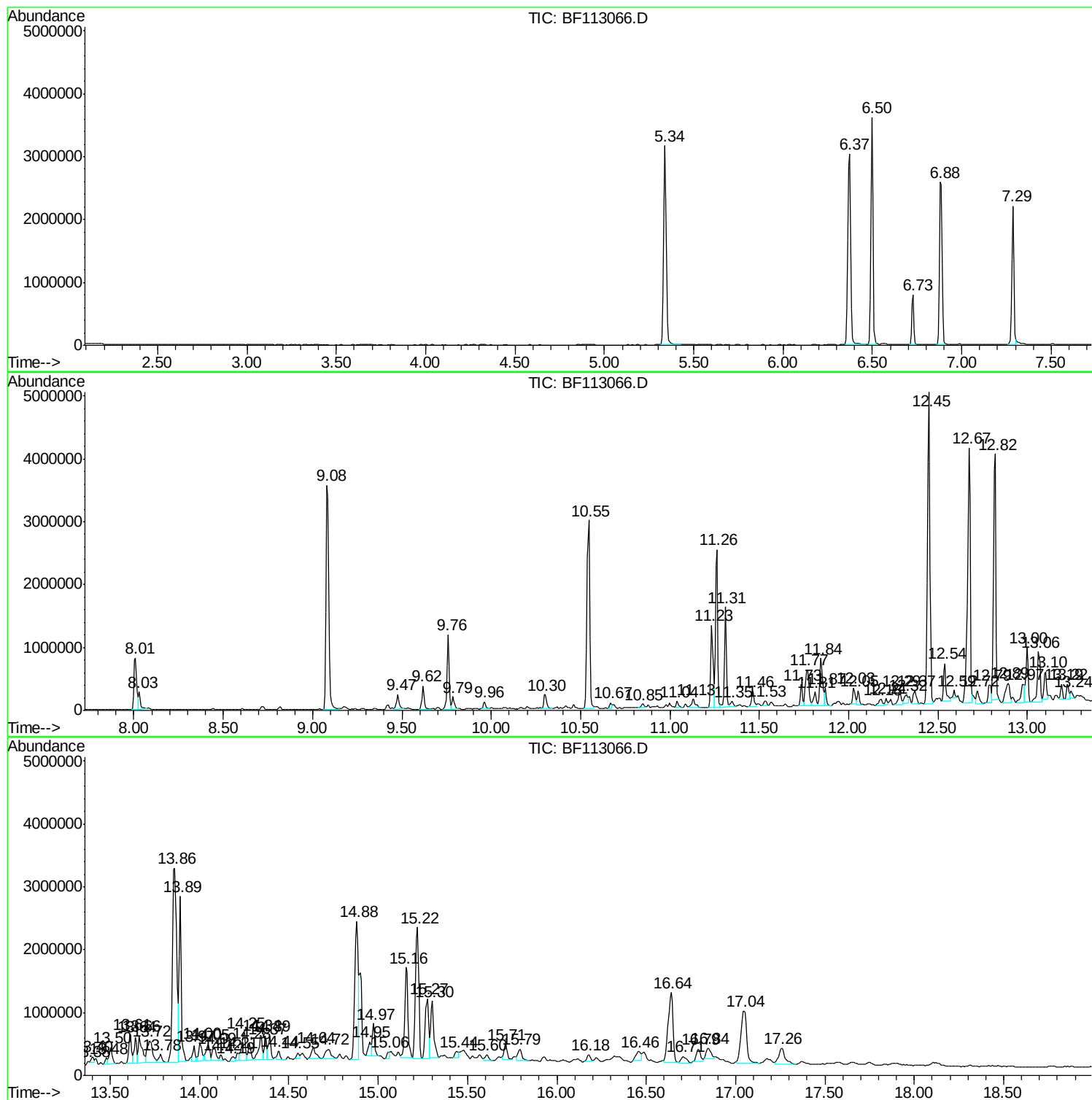
Sum of corrected areas: 84113886

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
282-346

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.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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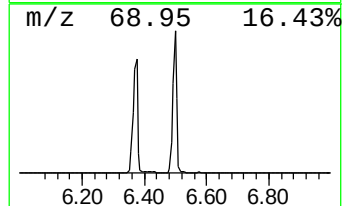
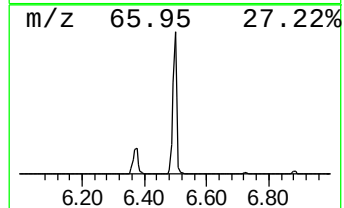
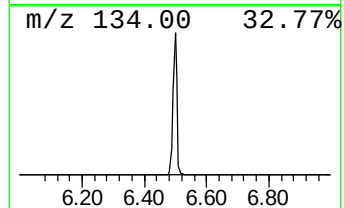
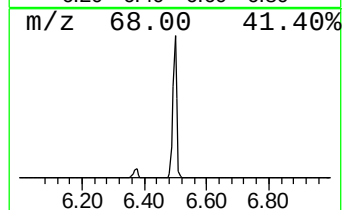
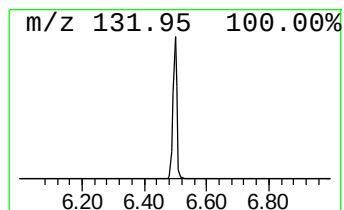
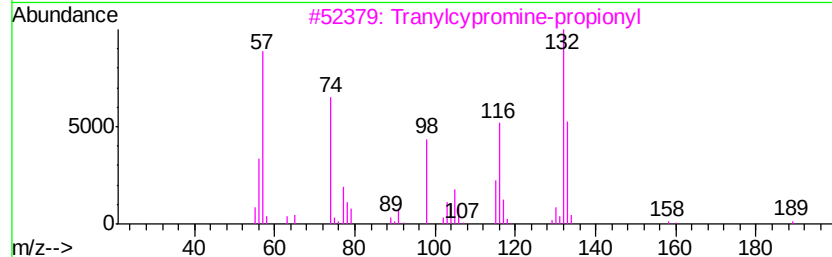
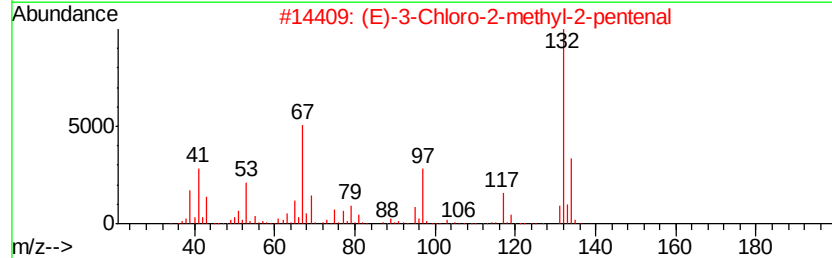
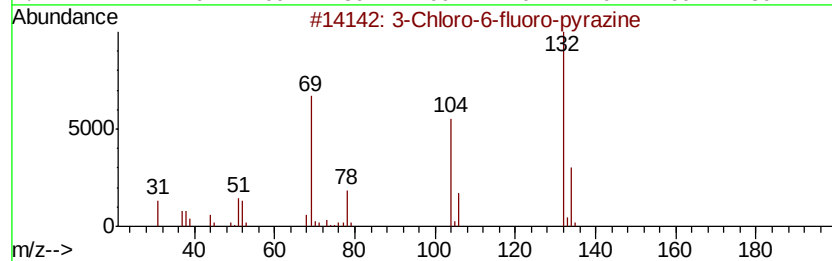
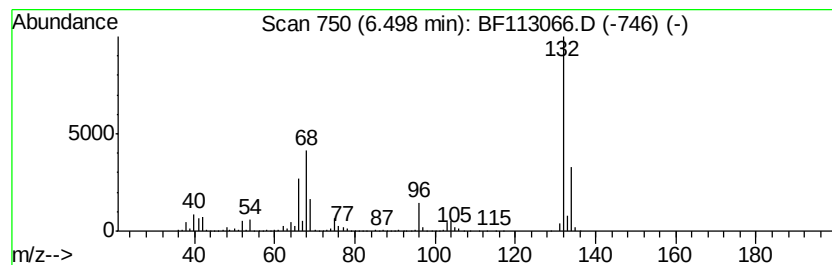
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	94.68 ng	3205670	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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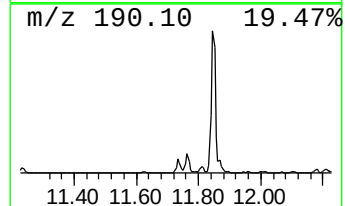
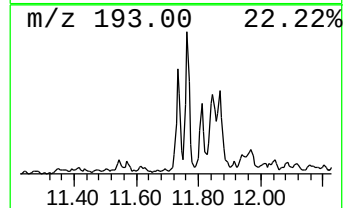
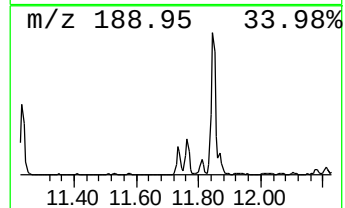
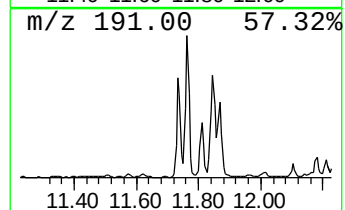
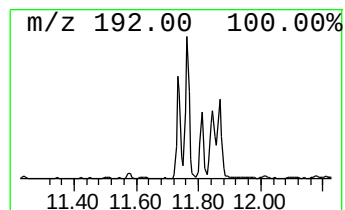
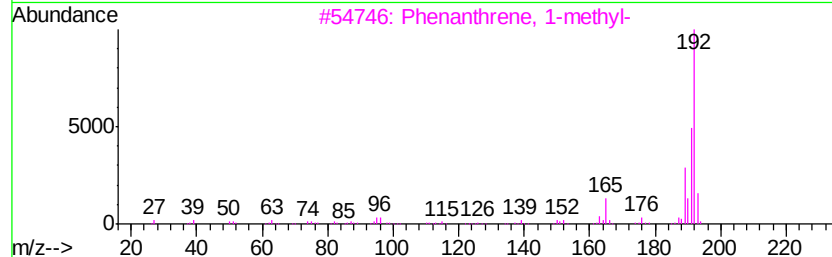
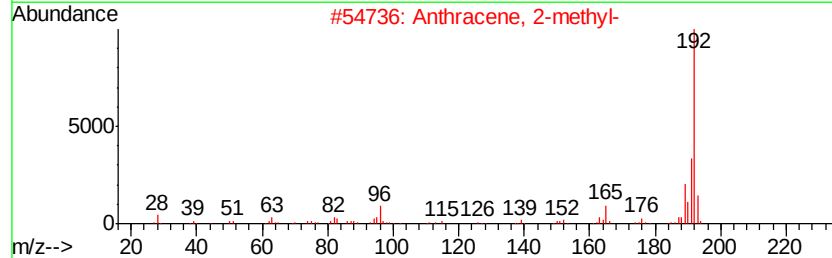
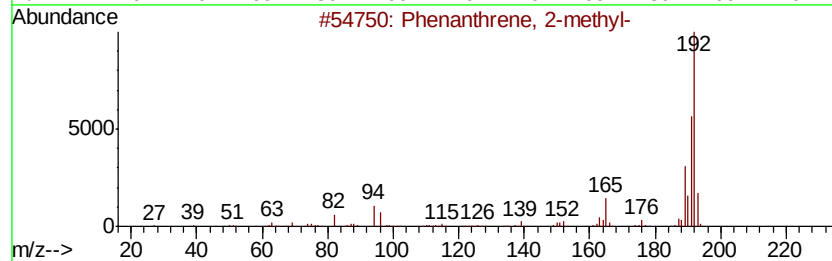
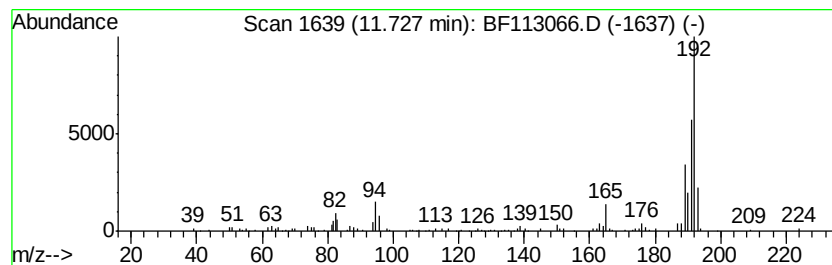
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	5.30 ng	316203	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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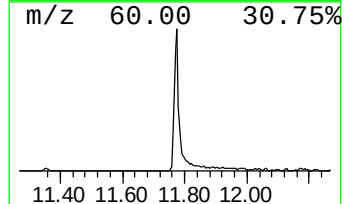
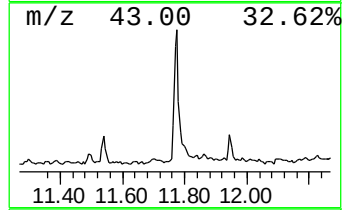
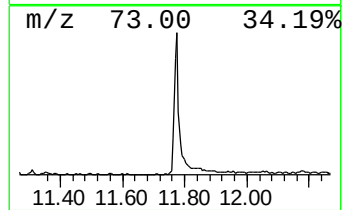
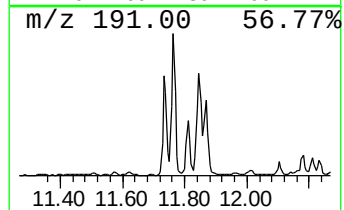
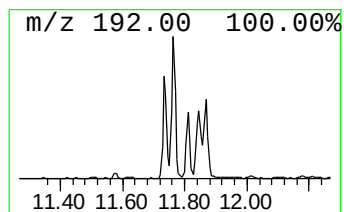
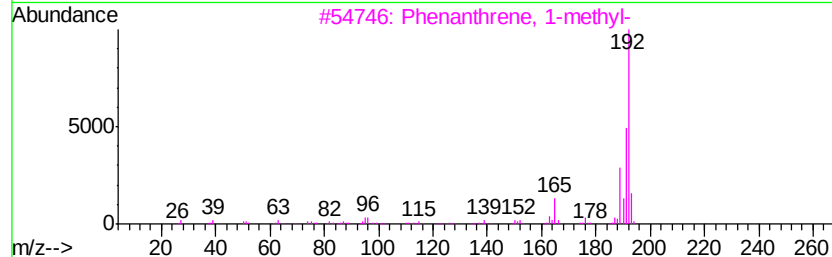
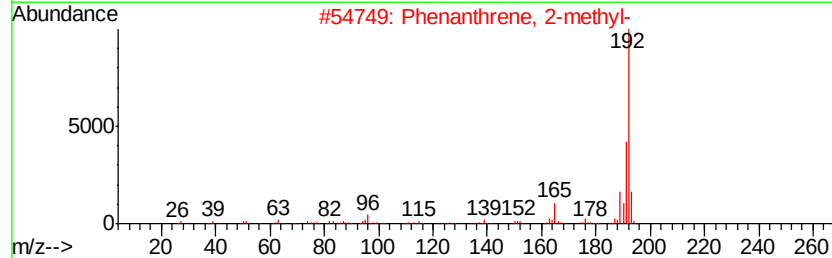
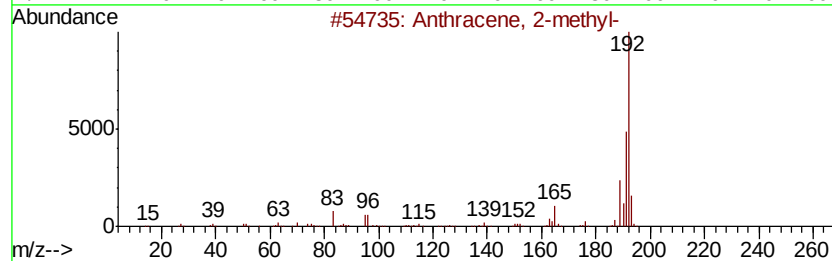
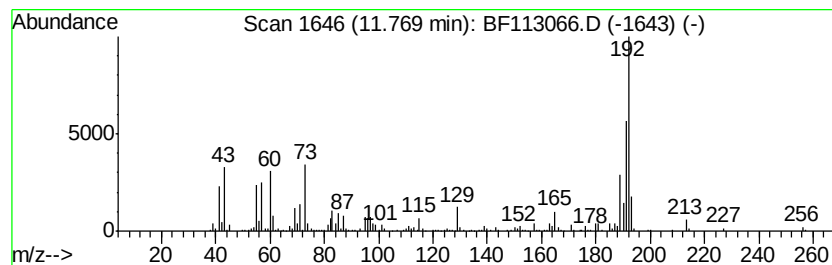
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	12.57 ng	750138	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
Operator : JU/SJ
Sample : K1921-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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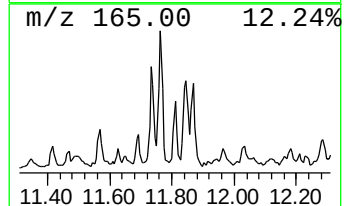
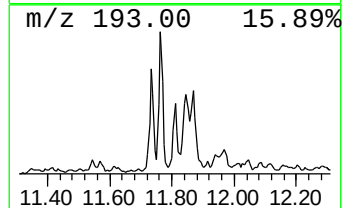
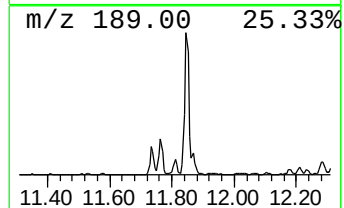
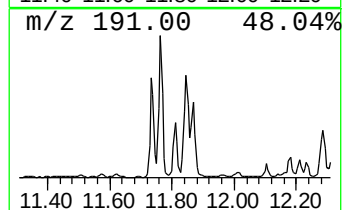
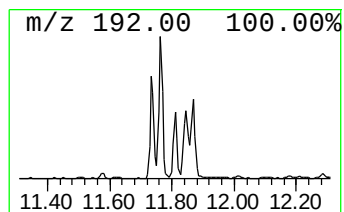
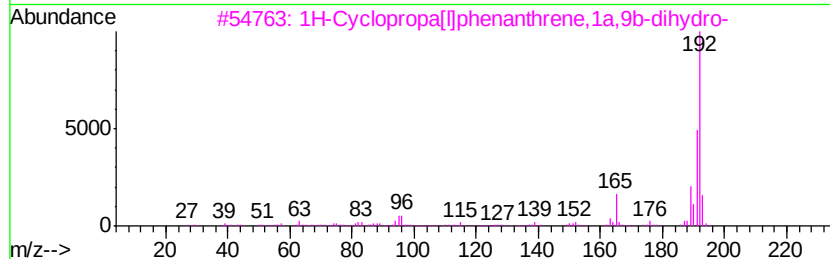
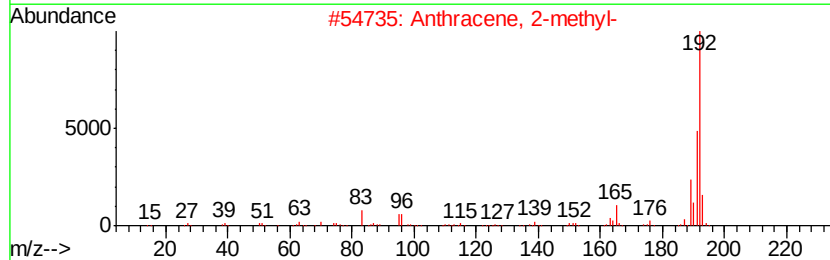
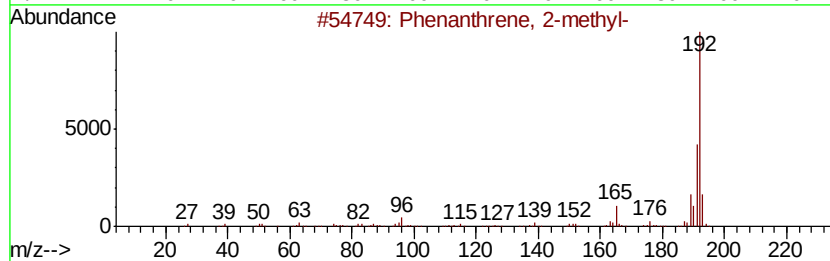
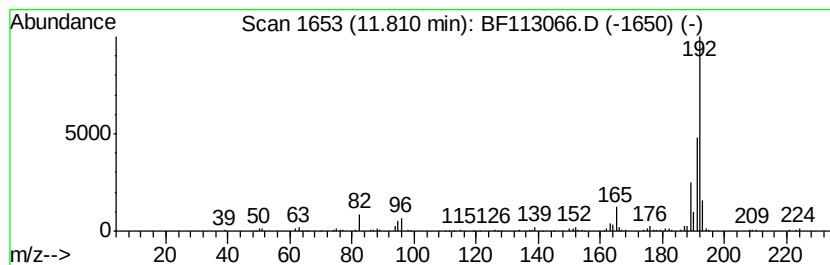
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown11.81 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.76 ng	224291	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		1H-Cyclopropa[1,1b]phenanthrene, 1a,...	192	C15H12	000949-41-7	97
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
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Sample : K1921-01
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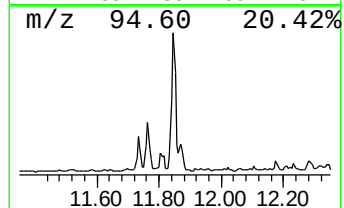
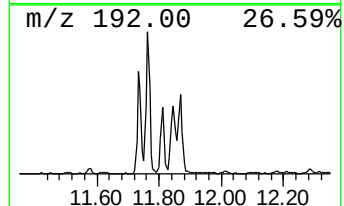
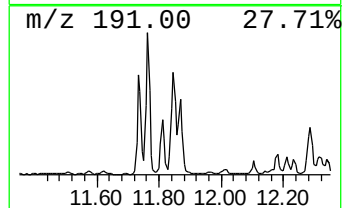
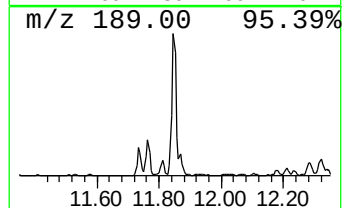
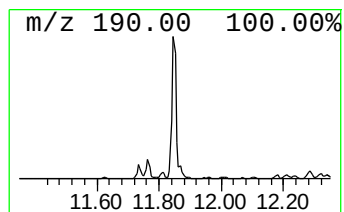
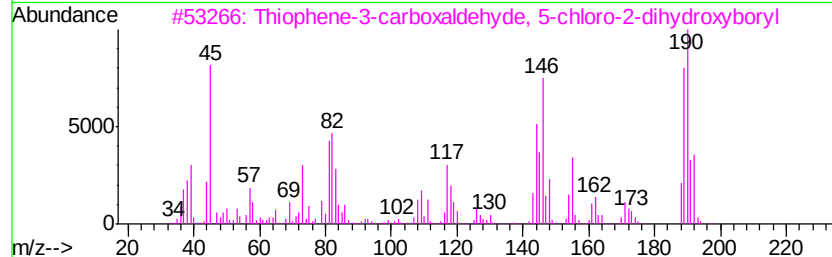
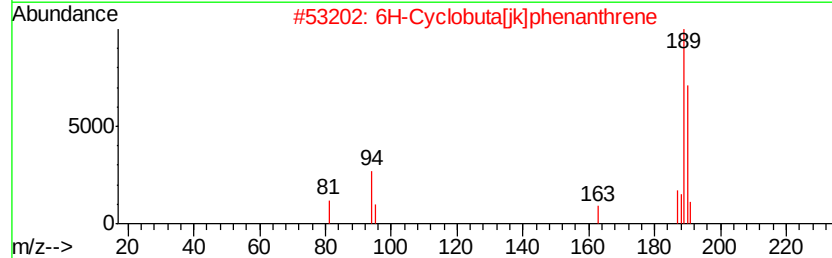
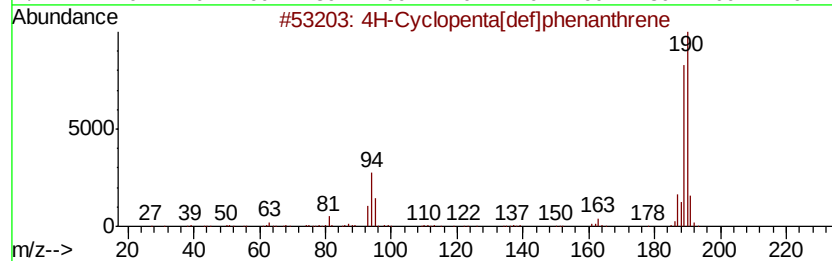
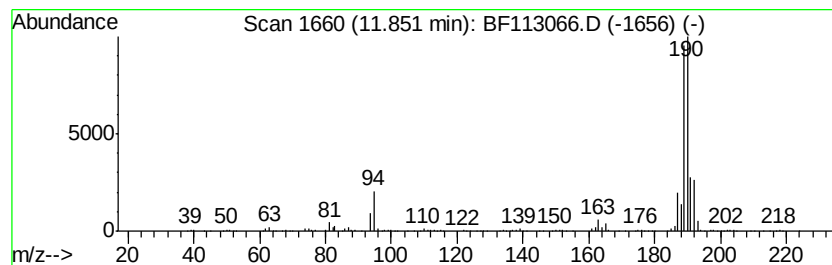
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	13.74 ng	819461	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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Sample : K1921-01
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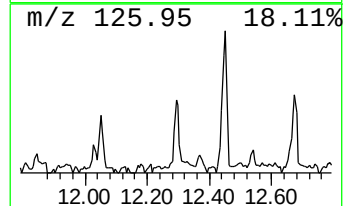
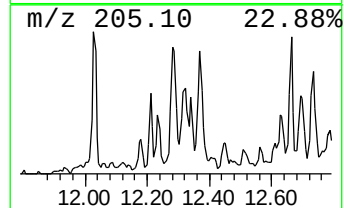
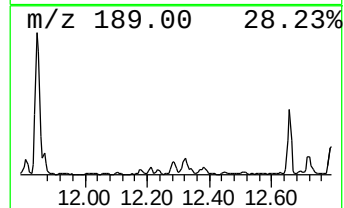
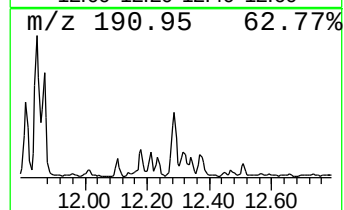
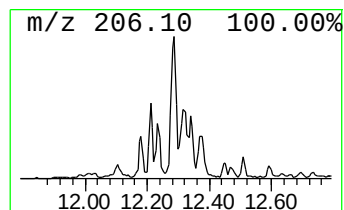
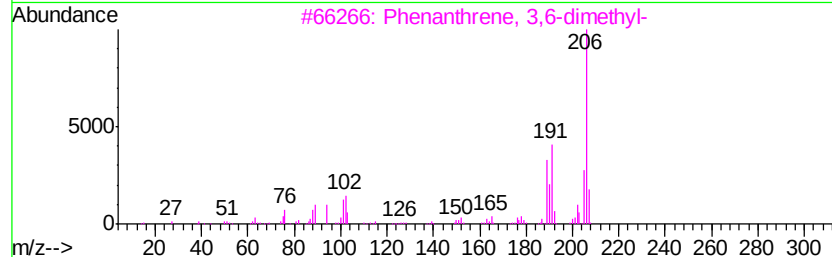
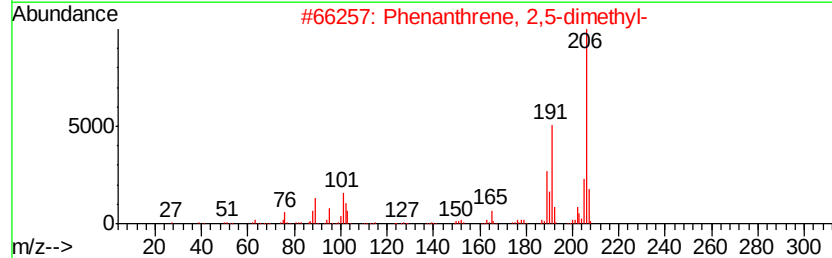
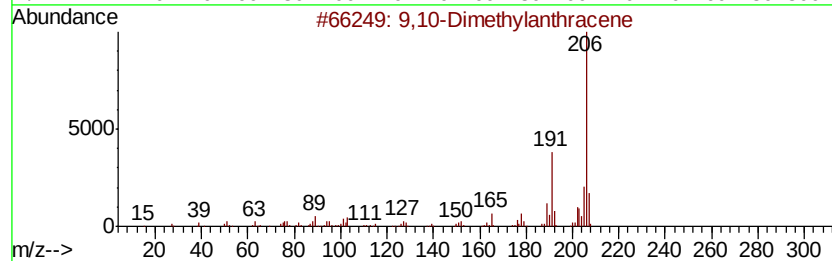
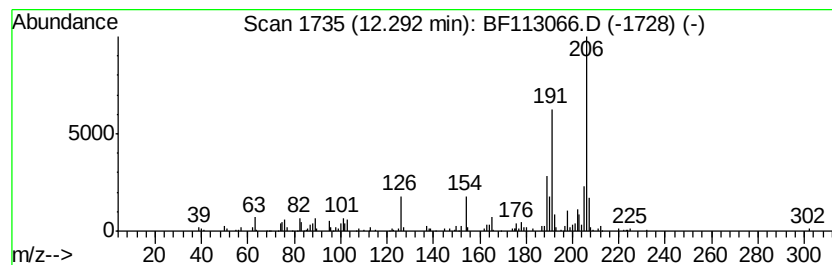
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.99 ng	297909	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
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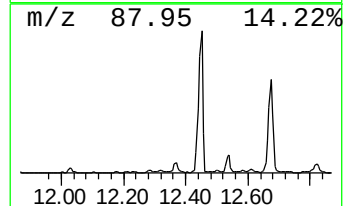
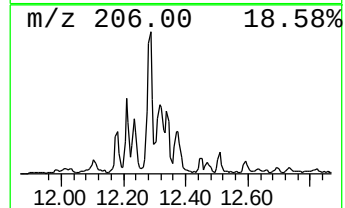
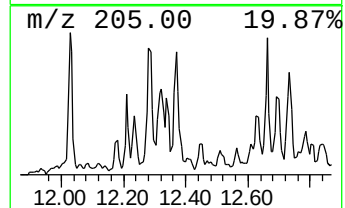
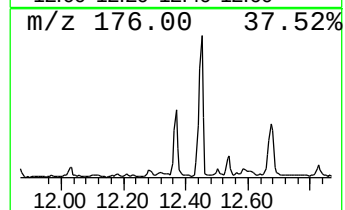
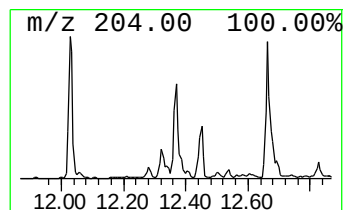
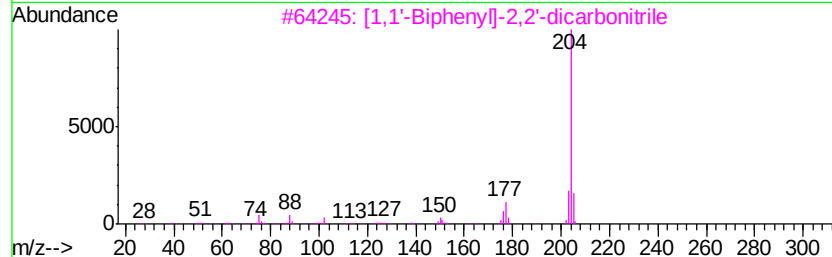
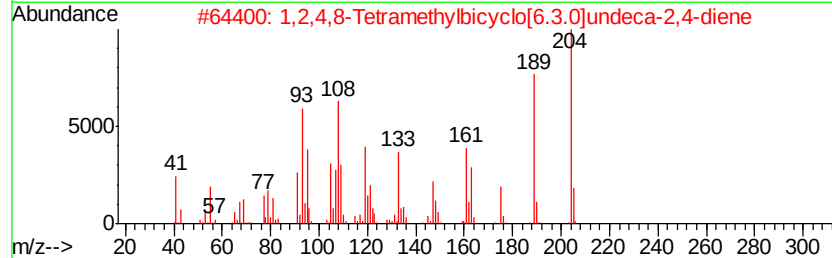
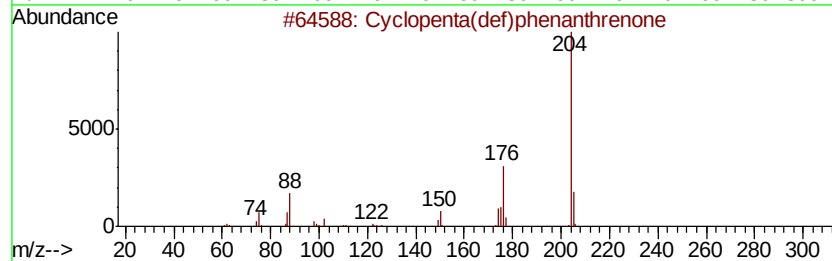
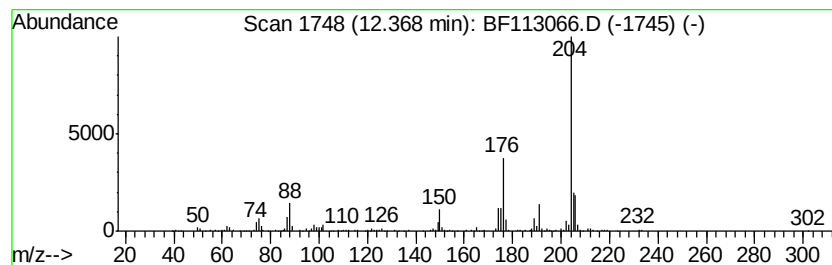
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.87 ng	230746	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	49
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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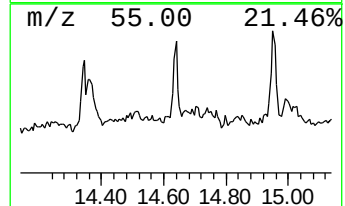
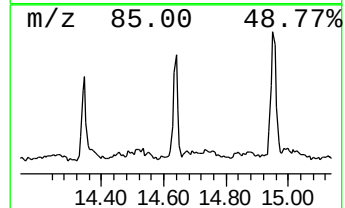
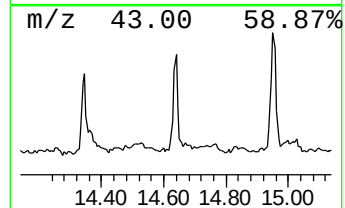
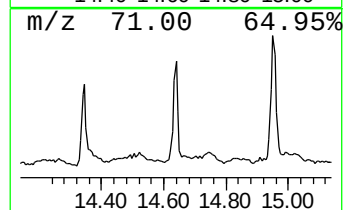
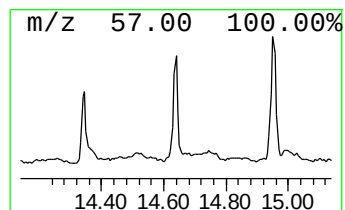
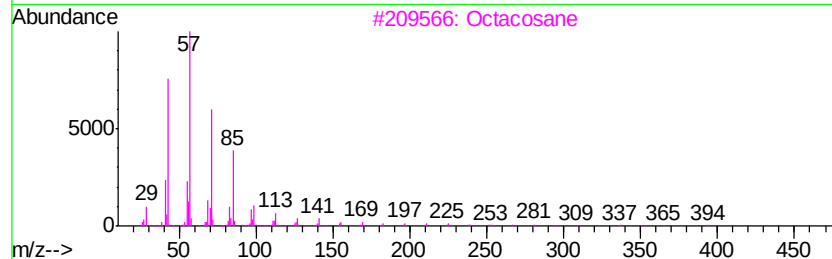
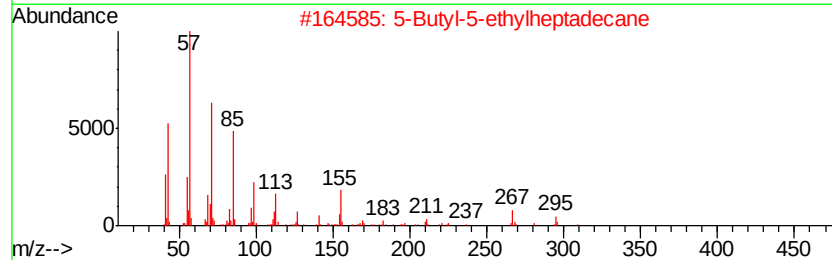
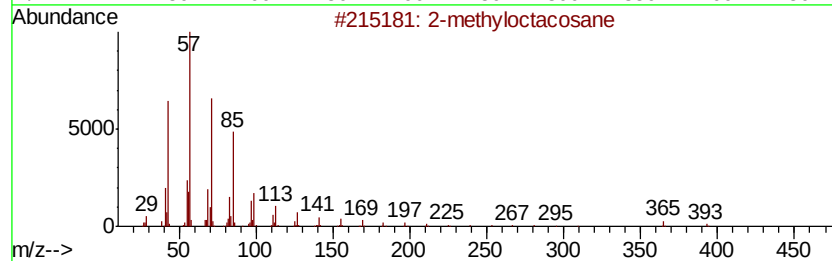
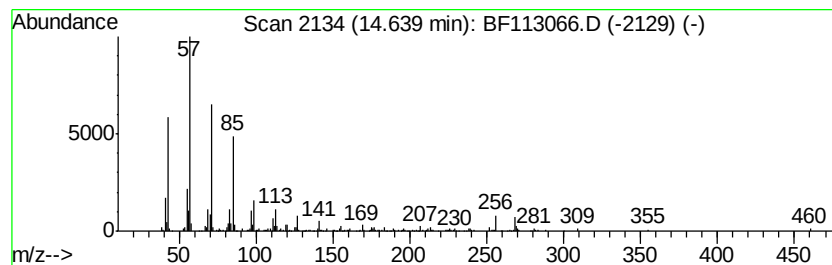
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.94 ng	345043	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	90
2			5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	90
3			Octacosane	394	C28H58	000630-02-4	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
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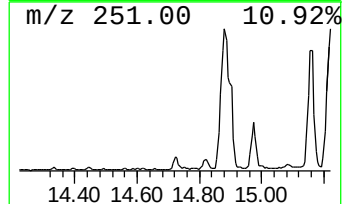
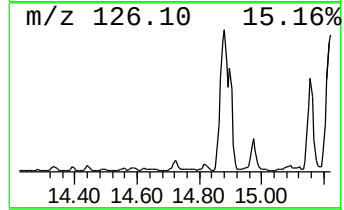
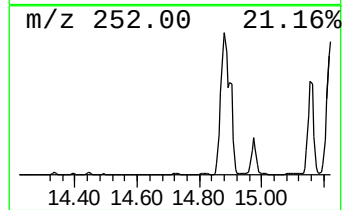
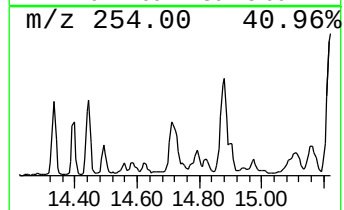
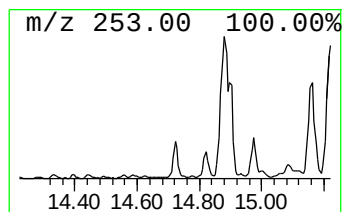
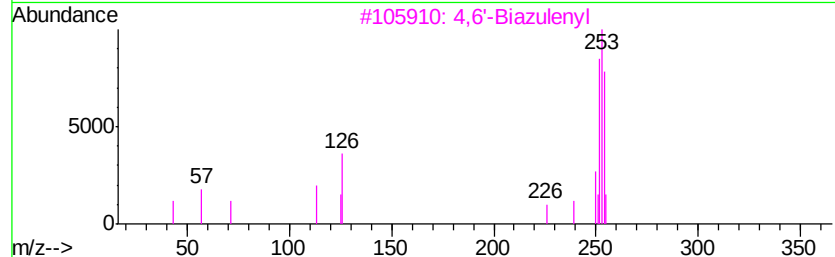
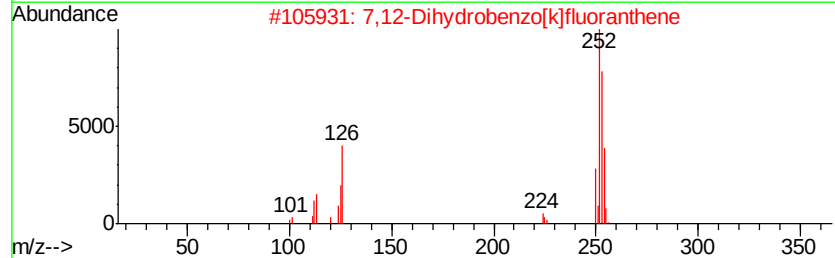
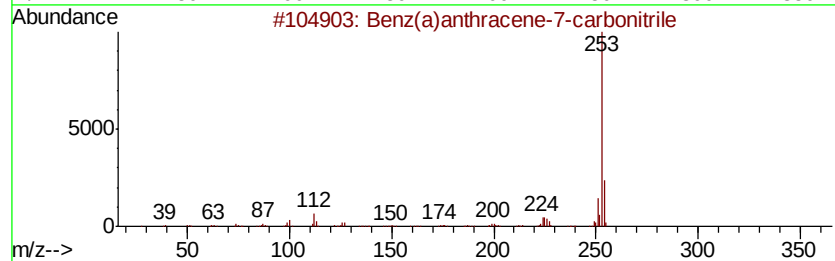
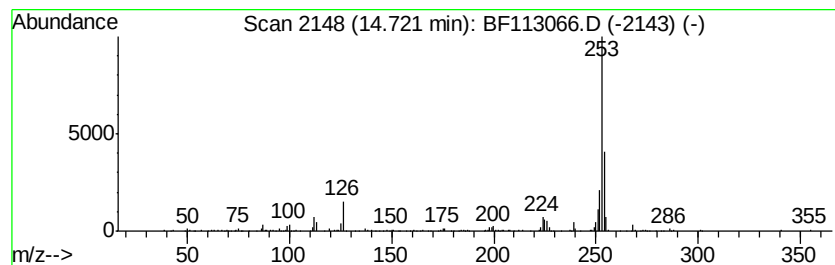
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz(a)anthracene-7-carboni... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.63 ng	326914	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
2		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
3		4,6'-Biazulenvl	254	C20H14	094154-49-1	43
4		Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	40
5		1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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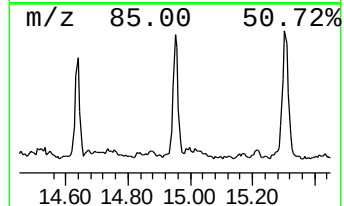
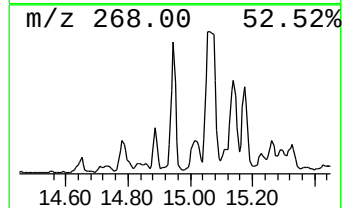
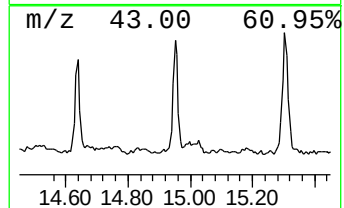
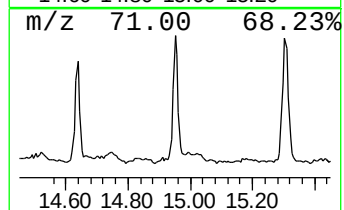
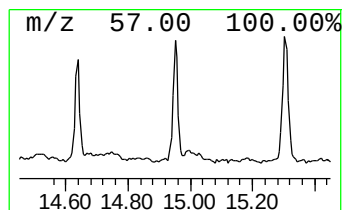
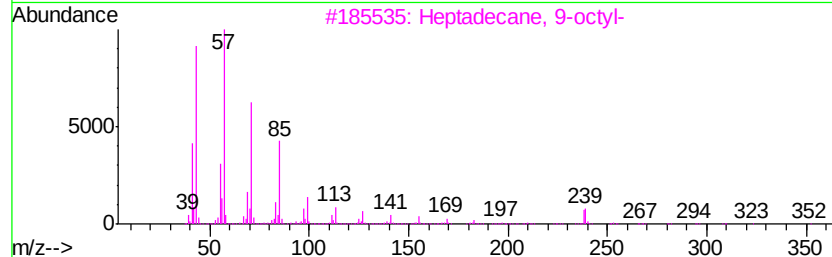
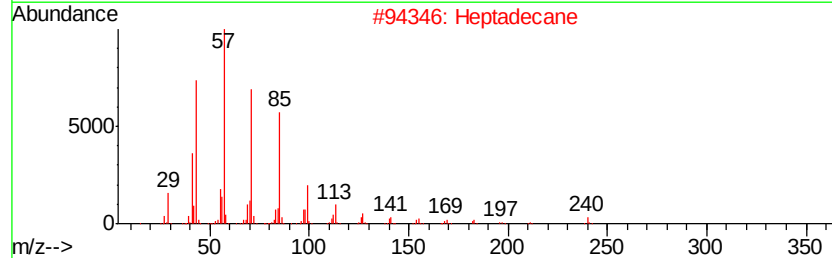
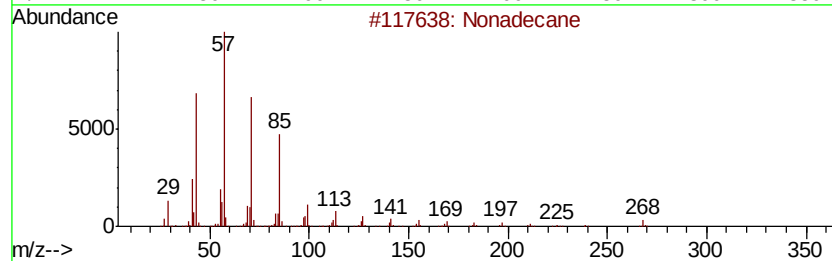
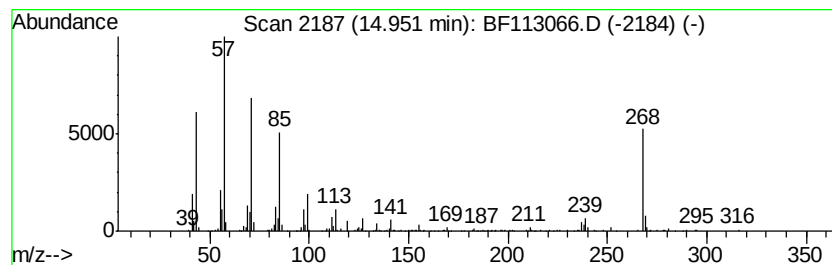
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.84 ng	281102	Perylene-d12	15.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Heptadecane	240	C17H36	000629-78-7	64
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
4			Hentriacontane	437	C31H64	000630-04-6	62
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
Operator : JU/SJ
Sample : K1921-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
282-346

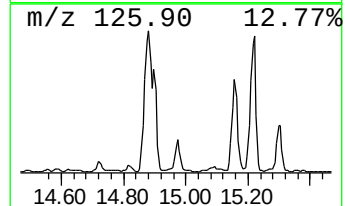
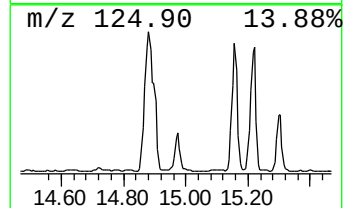
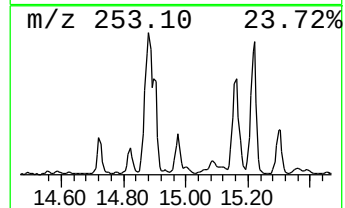
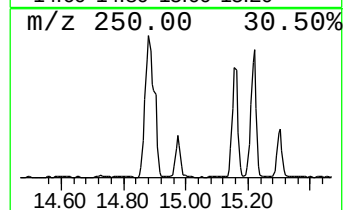
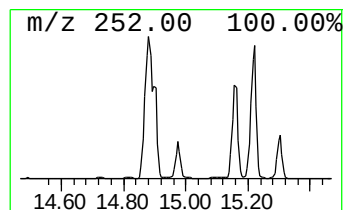
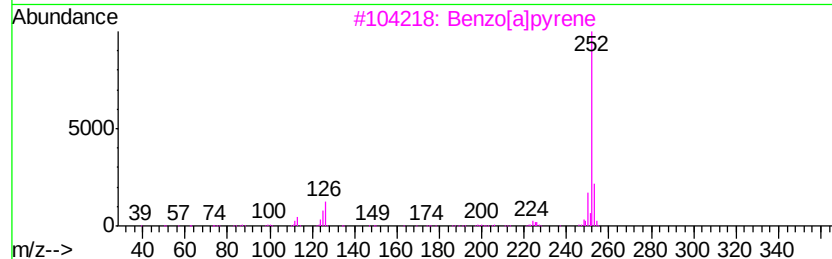
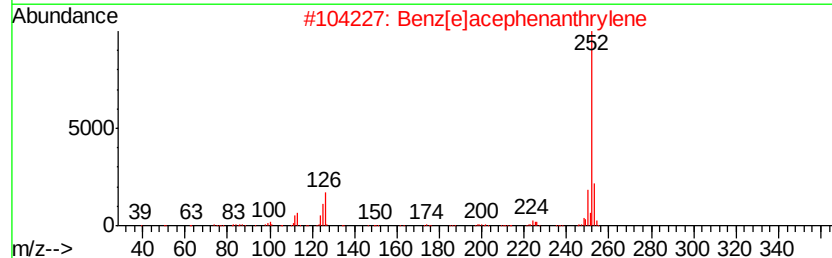
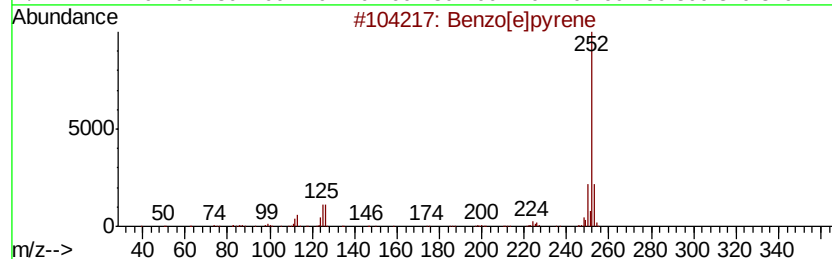
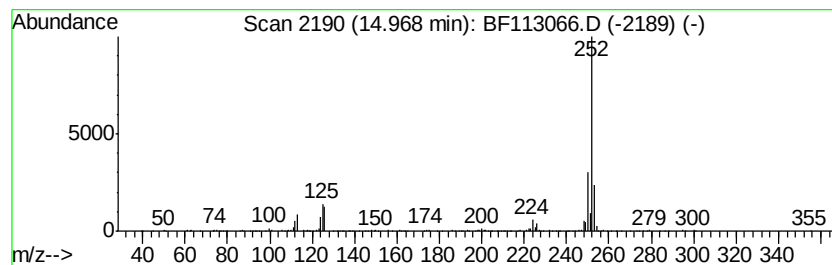
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	8.07 ng	468766	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]bpvrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]bpvrene	252	C20H12	000050-32-8	96
4		Benzo[i]lfluoranthene	252	C20H12	000205-82-3	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
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Sample : K1921-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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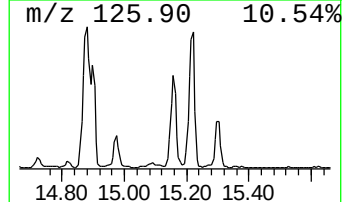
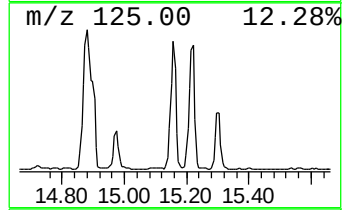
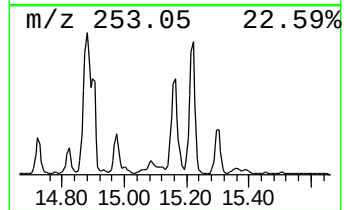
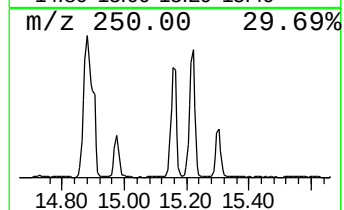
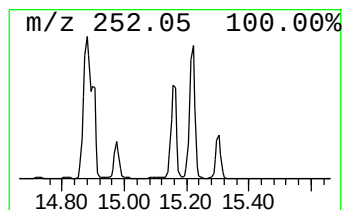
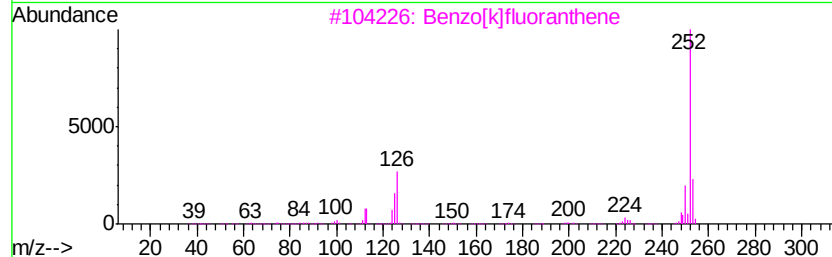
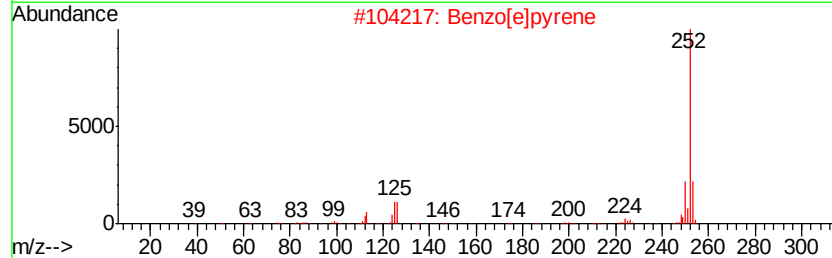
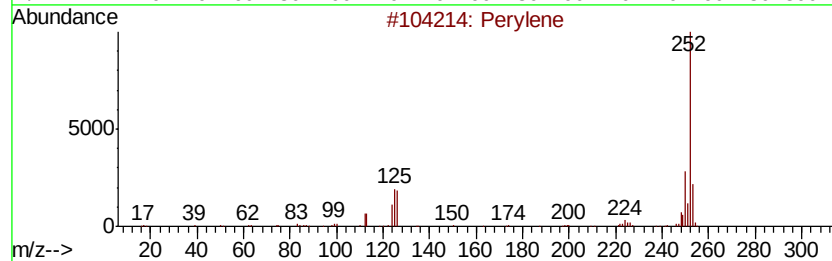
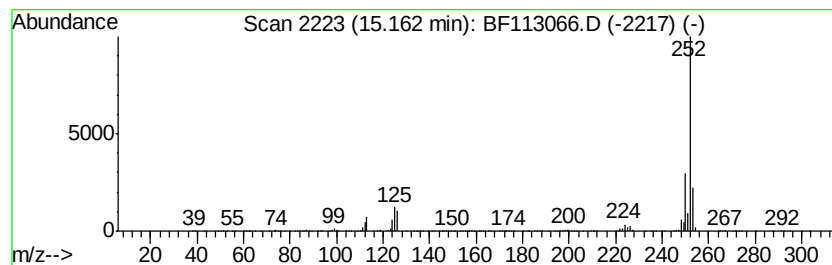
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	32.57 ng	1892370	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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Sample : K1921-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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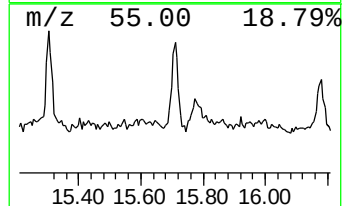
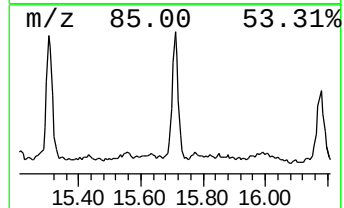
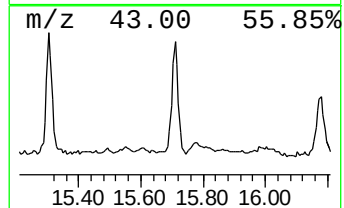
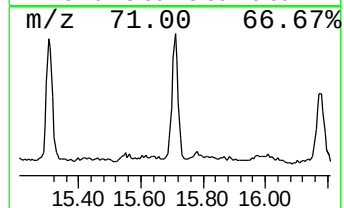
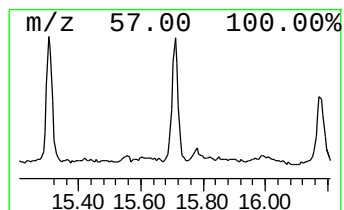
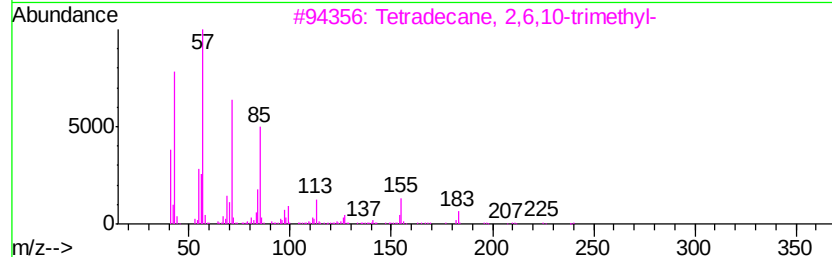
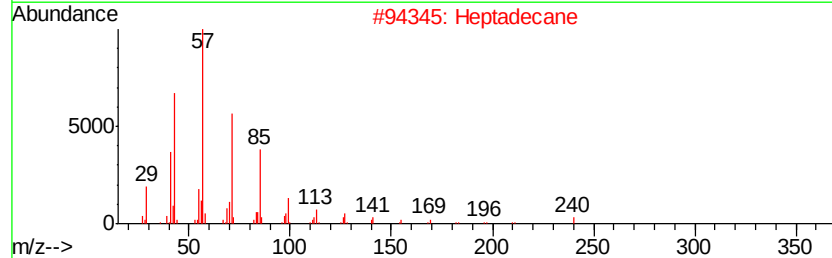
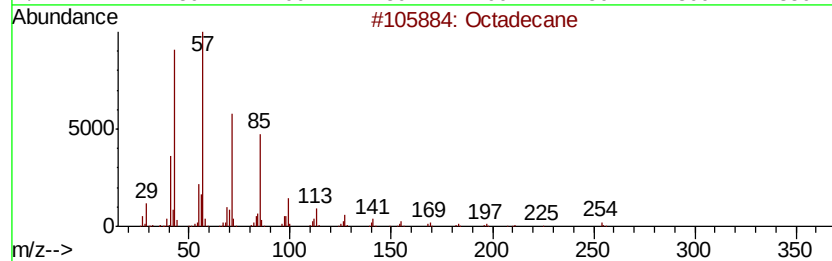
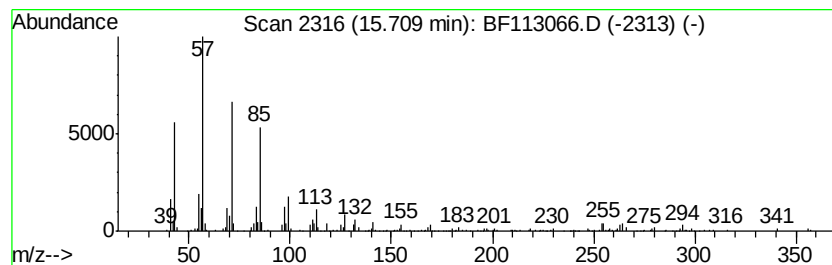
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	5.32 ng	309014	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heptadecane	240	C17H36	000629-78-7	83
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	80
5		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
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Sample : K1921-01
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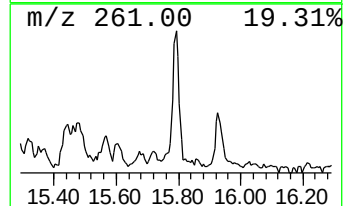
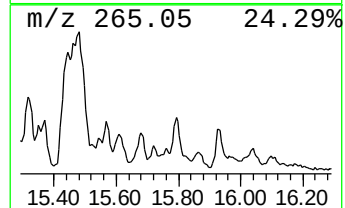
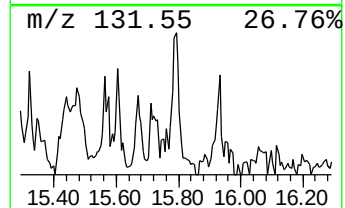
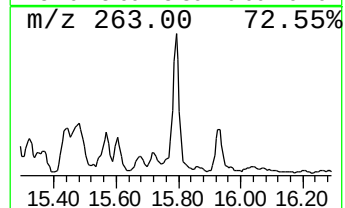
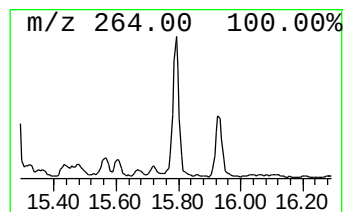
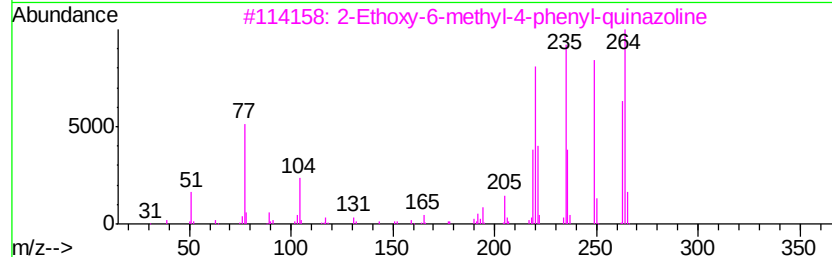
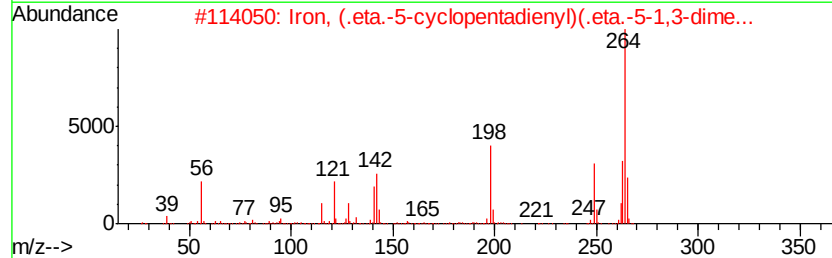
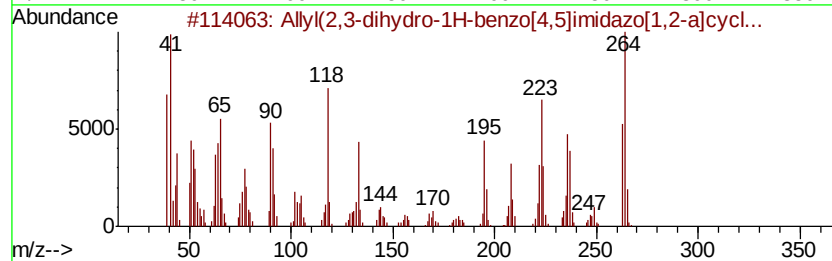
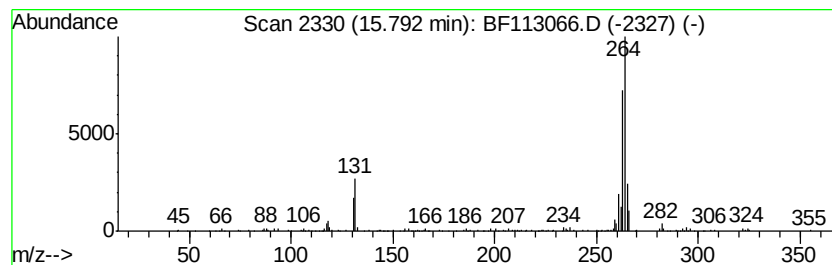
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.79 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.92 ng	285561	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allvl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	38
2		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	37
3		2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	37
4		2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	35
5		2-Amino-5-butyl-1-phenyl-1H-pyrr...	264	C16H16N4	1000327-04-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
Acq On : 15 Mar 2019 15:26
Operator : JU/SJ
Sample : K1921-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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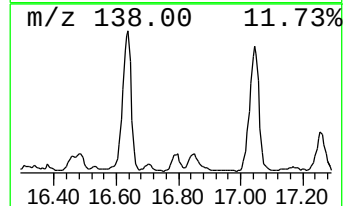
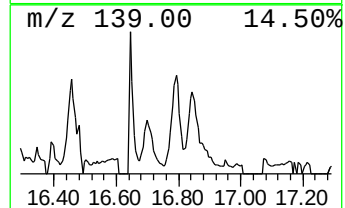
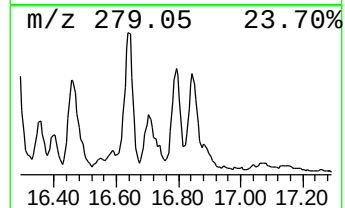
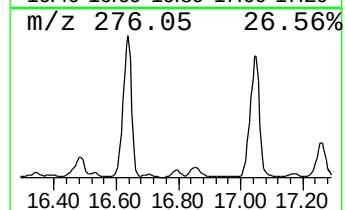
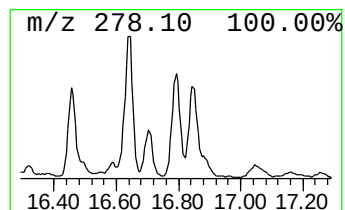
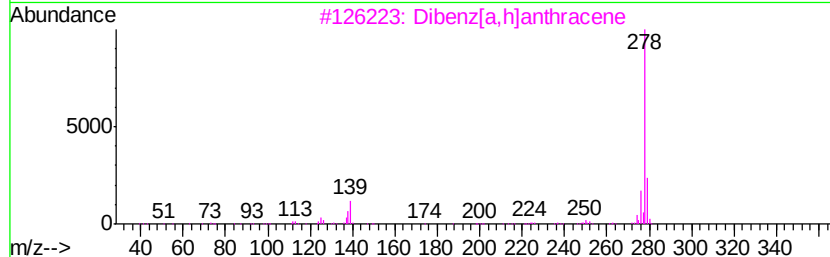
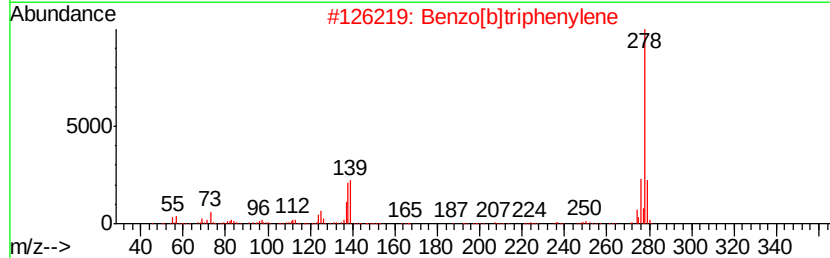
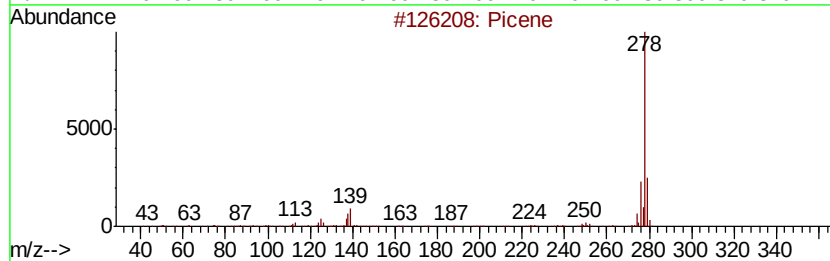
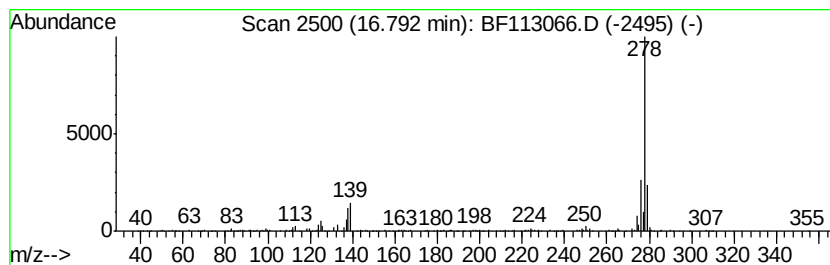
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Picene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	6.01 ng	349038	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	94
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	94
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4		Benzo[b]chrysene	278	C22H14	000214-17-5	90
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113066.D
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Sample : K1921-01
Misc :
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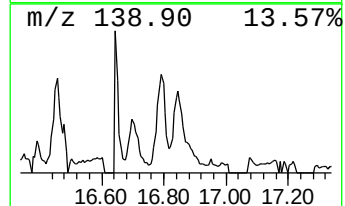
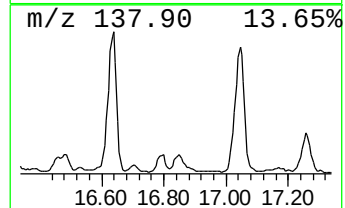
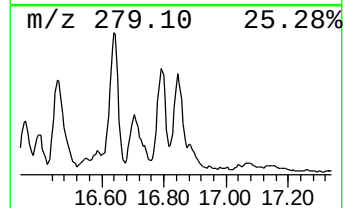
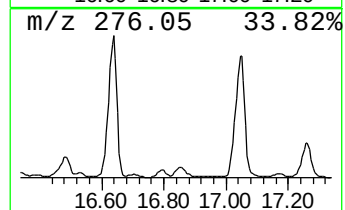
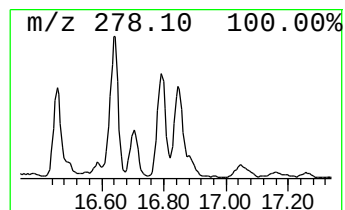
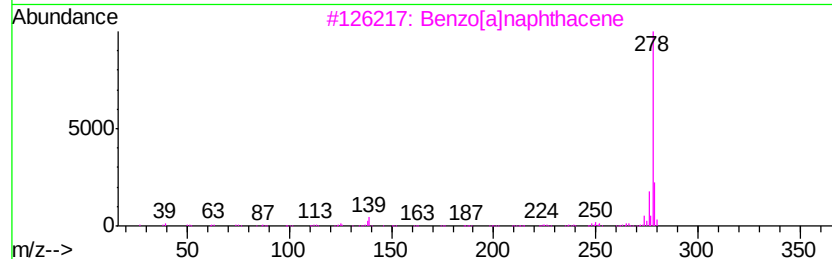
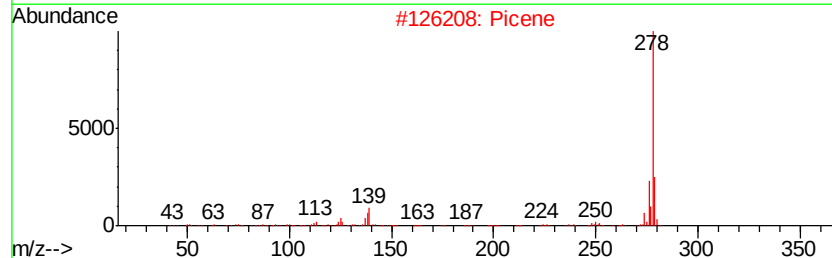
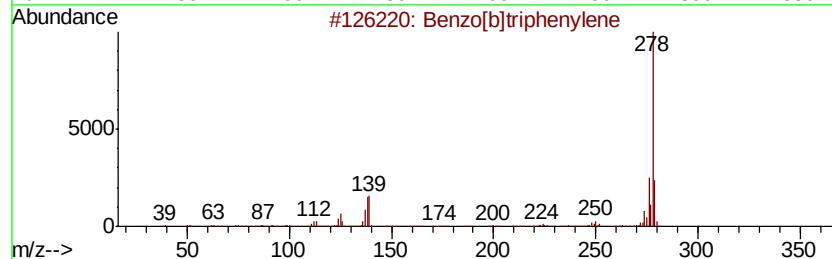
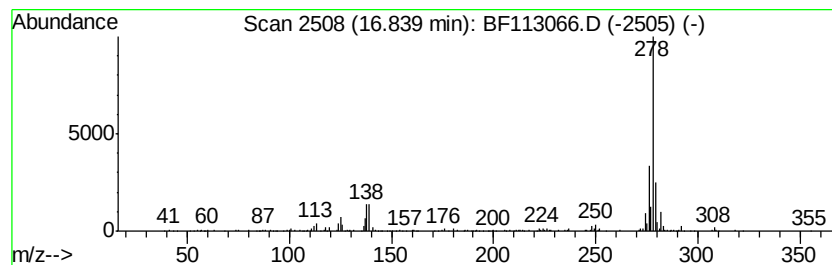
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	5.73 ng	332861	Perylene-d12	15.27

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	96
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	89
4		Benzo[b]chrysene	278	C22H14	000214-17-5	86
5		Pentacene	278	C22H14	000135-48-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113066.D
 Acq On : 15 Mar 2019 15:26
 Operator : JU/SJ
 Sample : K1921-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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Anthracene, 2-met...	11.77	12.6	ng	750138	4	11.23	1193140	20.0
unknown11.81	11.81	3.8	ng	224291	4	11.23	1193140	20.0
4H-Cyclopenta[def...	11.85	13.7	ng	819461	4	11.23	1193140	20.0
9,10-Dimethylanthe...	12.29	5.0	ng	297909	4	11.23	1193140	20.0
Cyclopenta(def)ph...	12.37	3.9	ng	230746	4	11.23	1193140	20.0
2-methyloctacosane	14.64	5.9	ng	345043	6	15.27	1161870	20.0
Benz(a)anthracene...	14.72	5.6	ng	326914	6	15.27	1161870	20.0
Nonadecane	14.95	4.8	ng	281102	6	15.27	1161870	20.0
Benzo[e]pyrene	14.97	8.1	ng	468766	6	15.27	1161870	20.0
Perylene	15.16	32.6	ng	1892370	6	15.27	1161870	20.0
Octadecane	15.71	5.3	ng	309014	6	15.27	1161870	20.0
unknown15.79	15.79	4.9	ng	285561	6	15.27	1161870	20.0
Picene	16.79	6.0	ng	349038	6	15.27	1161870	20.0
Benzo[b]triphenylene	16.84	5.7	ng	332861	6	15.27	1161870	20.0