

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122630.D
 Acq On : 10 Dec 2020 1:34
 Operator : JU/CG
 Sample : L4977-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122630.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	576	rBV	3317991	3260450	72.62%	4.835%
2	6.469	740	745	763	rBV	3274897	3494154	77.83%	5.181%
3	6.839	804	808	811	rBV	1248193	1064473	23.71%	1.579%
4	7.398	898	903	906	rBV	2254660	2141772	47.70%	3.176%
5	8.122	1022	1026	1051	rVB	1672102	1485524	33.09%	2.203%
6	9.198	1204	1209	1212	rBV	4389584	3814770	84.97%	5.657%
7	9.592	1273	1276	1283	rVB	266925	260588	5.80%	0.386%
8	9.733	1297	1300	1307	rBV	155700	149512	3.33%	0.222%
9	9.874	1317	1324	1328	rBV	2010237	1726796	38.46%	2.561%
10	10.421	1414	1417	1423	rVB	195739	178325	3.97%	0.264%
11	10.663	1454	1458	1475	rBV	2239688	2191227	48.81%	3.249%
12	10.792	1475	1480	1485	rVB3	77837	102436	2.28%	0.152%
13	10.969	1505	1510	1513	rBV3	59945	80887	1.80%	0.120%
14	11.163	1541	1543	1548	rVV	141364	144073	3.21%	0.214%
15	11.210	1548	1551	1556	rVV2	52073	80658	1.80%	0.120%
16	11.257	1556	1559	1564	rVB	143409	131468	2.93%	0.195%
17	11.363	1573	1577	1579	rBV	2056669	1909222	42.52%	2.831%
18	11.386	1579	1581	1584	rVV	2792703	2187681	48.73%	3.244%
19	11.433	1584	1589	1593	rVV	371289	386301	8.60%	0.573%
20	11.592	1610	1616	1624	rBV	268882	324233	7.22%	0.481%
21	11.657	1624	1627	1631	rVV2	108185	100288	2.23%	0.149%
22	11.692	1631	1633	1638	rVB3	75006	78640	1.75%	0.117%
23	11.863	1656	1662	1664	rVV	404251	345807	7.70%	0.513%
24	11.892	1664	1667	1670	rVB	514391	444113	9.89%	0.659%
25	11.939	1670	1675	1677	rBV	81865	80243	1.79%	0.119%
26	11.974	1677	1681	1683	rBV	707009	669502	14.91%	0.993%
27	11.998	1683	1685	1690	rVB	268122	224662	5.00%	0.333%
28	12.157	1709	1712	1714	rBV	277194	228362	5.09%	0.339%
29	12.180	1714	1716	1720	rVB	509800	421442	9.39%	0.625%
30	12.304	1732	1737	1740	rBV3	82397	104319	2.32%	0.155%
31	12.339	1740	1743	1745	rVV	106805	94120	2.10%	0.140%
32	12.410	1749	1755	1759	rBV2	209068	288654	6.43%	0.428%
33	12.451	1759	1762	1764	rVV2	144326	179732	4.00%	0.267%
34	12.498	1767	1770	1775	rVV	352785	354024	7.89%	0.525%
35	12.580	1778	1784	1787	rVV	4502171	4235048	94.33%	6.280%
36	12.621	1787	1791	1792	rVV	72226	79821	1.78%	0.118%

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 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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.639	1792	1794	1797	rVV2	100829	97542	2.17%	0.145%
38	12.704	1801	1805	1807	rBV	122214	149688	3.33%	0.222%
39	12.727	1807	1809	1816	rVV	145418	180555	4.02%	0.268%
40	12.810	1816	1823	1826	rVV2	3543661	4115476	91.66%	6.103%
41	12.851	1827	1830	1835	rVB2	219481	240743	5.36%	0.357%
42	12.951	1838	1847	1853	rVB	4188684	4489739	100.00%	6.658%
43	13.027	1853	1860	1863	rBV2	293713	500551	11.15%	0.742%
44	13.110	1870	1874	1875	rVV2	251716	299346	6.67%	0.444%
45	13.133	1875	1878	1881	rVB	572017	559826	12.47%	0.830%
46	13.198	1886	1889	1891	rVV	397760	314017	6.99%	0.466%
47	13.233	1891	1895	1898	rVV2	422535	442983	9.87%	0.657%
48	13.327	1908	1911	1913	rBV	216390	165519	3.69%	0.245%
49	13.357	1913	1916	1920	rBV2	196048	183413	4.09%	0.272%
50	13.445	1926	1931	1934	rVB4	49593	82036	1.83%	0.122%
51	13.533	1939	1946	1948	rBV6	99038	236688	5.27%	0.351%
52	13.639	1961	1964	1968	rVB	409789	399747	8.90%	0.593%
53	13.751	1978	1983	1985	rBV2	359564	433669	9.66%	0.643%
54	13.774	1985	1987	1990	rVV	289468	287303	6.40%	0.426%
55	13.804	1990	1992	1996	rVB2	235295	264482	5.89%	0.392%
56	13.845	1996	1999	2004	rBV	464120	494053	11.00%	0.733%
57	13.998	2018	2025	2028	rBV2	2341983	3766834	83.90%	5.586%
58	14.027	2028	2030	2036	rVB	1989618	1759830	39.20%	2.610%
59	14.104	2041	2043	2046	rVV	177638	148633	3.31%	0.220%
60	14.145	2048	2050	2052	rVV	139906	135578	3.02%	0.201%
61	14.192	2055	2058	2060	rVV2	102258	111969	2.49%	0.166%
62	14.227	2060	2064	2067	rVV2	174423	236991	5.28%	0.351%
63	14.257	2067	2069	2072	rVB3	92191	75753	1.69%	0.112%
64	14.351	2082	2085	2087	rBV2	96346	110645	2.46%	0.164%
65	14.386	2087	2091	2094	rVB	330930	330042	7.35%	0.489%
66	14.421	2094	2097	2101	rVB2	260285	277069	6.17%	0.411%
67	14.480	2101	2107	2109	rBV3	156715	251083	5.59%	0.372%
68	14.509	2109	2112	2114	rBV	197302	165454	3.69%	0.245%
69	14.533	2114	2116	2119	rVB2	186412	165871	3.69%	0.246%
70	14.586	2123	2125	2130	rVB3	113785	126249	2.81%	0.187%
71	14.698	2140	2144	2146	rBV3	71030	89967	2.00%	0.133%
72	14.721	2146	2148	2153	rVB3	70085	96660	2.15%	0.143%
73	14.774	2153	2157	2160	rBV	104390	110862	2.47%	0.164%
74	14.880	2167	2175	2180	rBV3	121981	279745	6.23%	0.415%
75	14.945	2184	2186	2190	rVB3	77635	80998	1.80%	0.120%
76	15.045	2197	2203	2205	rBV	1565165	2360693	52.58%	3.501%

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77	15.109	2212	2214	2217	rVB	125943	126127	2.81%	0.187%
78	15.145	2217	2220	2224	rVB	262947	246336	5.49%	0.365%
79	15.233	2231	2235	2237	rBV2	88386	120272	2.68%	0.178%
80	15.292	2242	2245	2248	rVV	73986	92791	2.07%	0.138%
81	15.339	2249	2253	2259	rVB	853087	1140973	25.41%	1.692%
82	15.404	2259	2264	2269	rBV	1234349	1490155	33.19%	2.210%
83	15.462	2269	2274	2277	rBV	1087570	1399916	31.18%	2.076%
84	15.492	2277	2279	2286	rVB2	350817	480552	10.70%	0.713%
85	15.633	2299	2303	2307	rBV4	46295	94806	2.11%	0.141%
86	15.686	2307	2312	2317	rVB2	97405	205201	4.57%	0.304%
87	15.815	2331	2334	2341	rVB4	55798	102237	2.28%	0.152%
88	15.921	2343	2352	2360	rBV4	84672	286478	6.38%	0.425%
89	16.015	2365	2368	2378	rBV2	80098	145471	3.24%	0.216%
90	16.480	2442	2447	2451	rVB3	51788	83932	1.87%	0.124%
91	16.727	2481	2489	2491	rBV2	102386	224917	5.01%	0.334%
92	16.750	2491	2493	2500	rVB3	90464	168293	3.75%	0.250%
93	16.915	2514	2521	2529	rVB2	633556	1196990	26.66%	1.775%
94	16.992	2530	2534	2543	rVB2	65505	145311	3.24%	0.215%
95	17.086	2543	2550	2555	rBV2	110319	240967	5.37%	0.357%
96	17.145	2555	2560	2565	rBV3	104694	197412	4.40%	0.293%
97	17.356	2589	2596	2612	rVB	459111	987465	21.99%	1.464%
98	17.580	2628	2634	2641	rBV	114017	254777	5.67%	0.378%
99	17.715	2651	2657	2666	rVB6	30729	79494	1.77%	0.118%
100	18.515	2783	2793	2805	rVB9	74356	263195	5.86%	0.390%

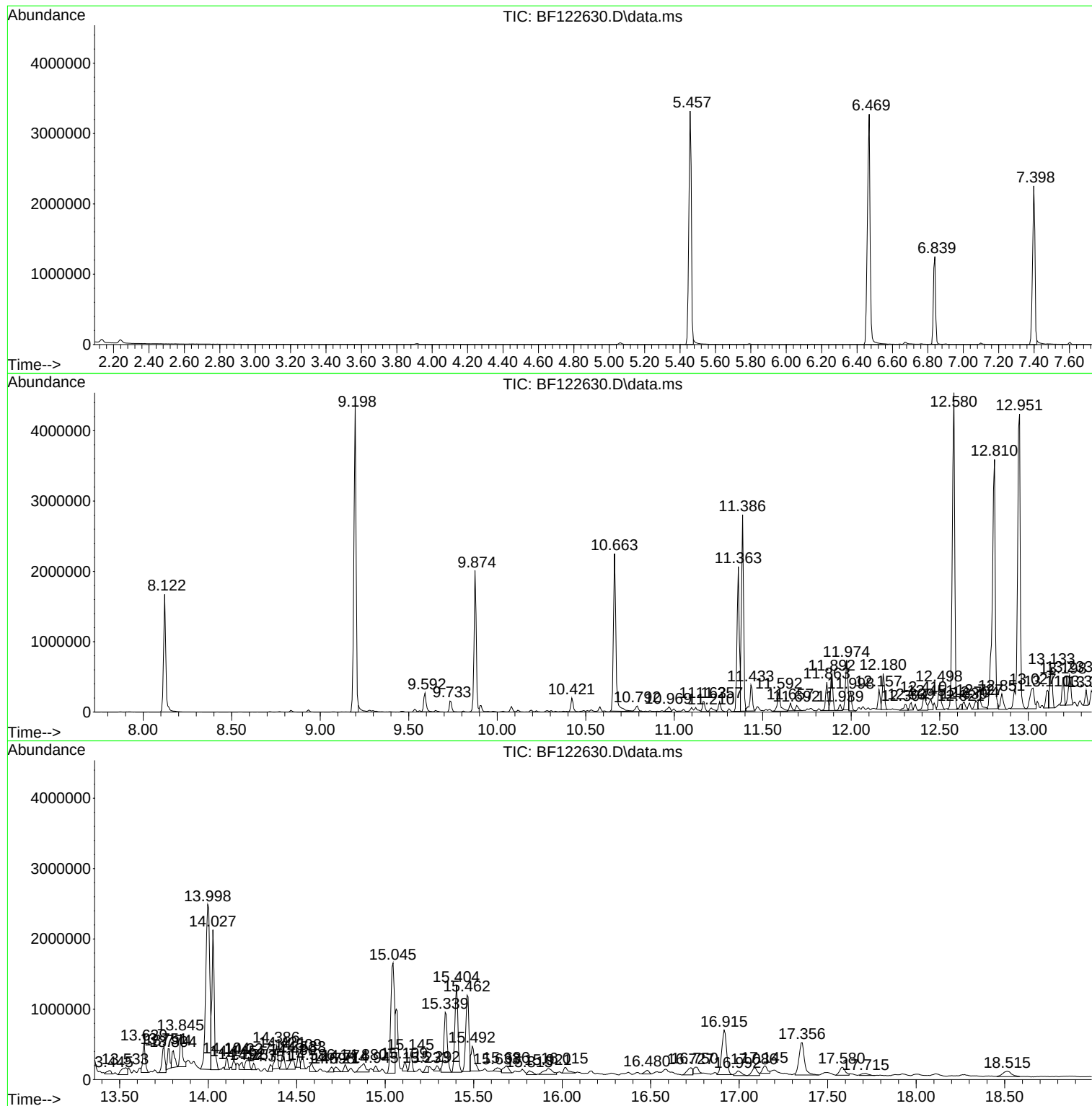
Sum of corrected areas: 67435697

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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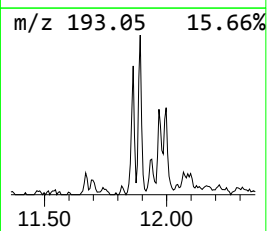
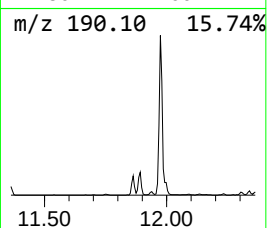
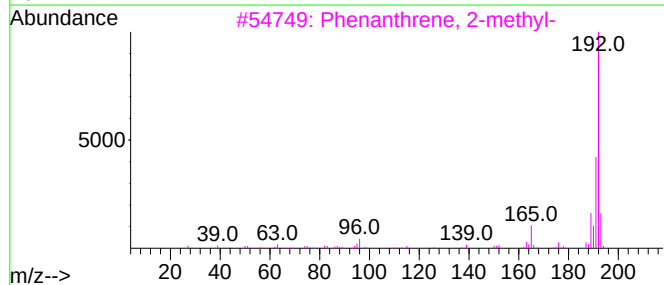
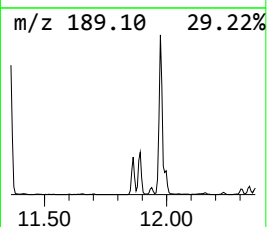
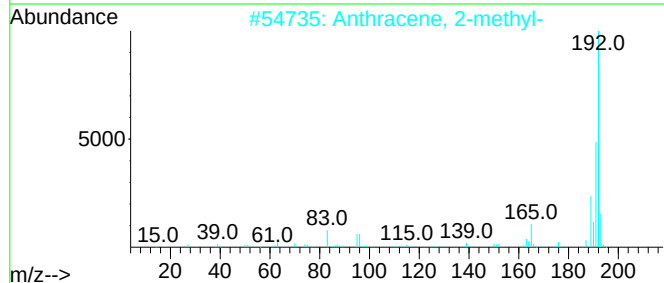
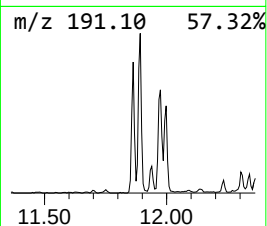
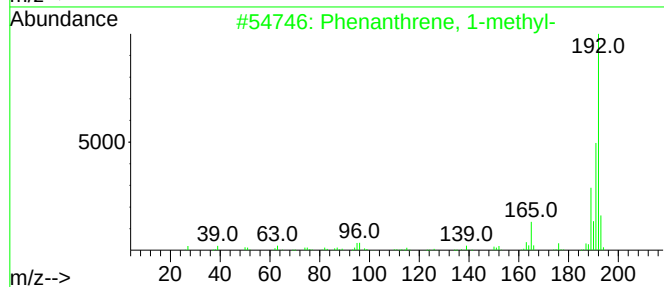
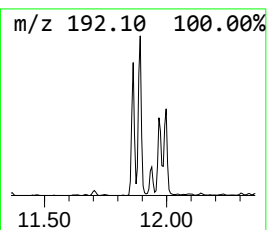
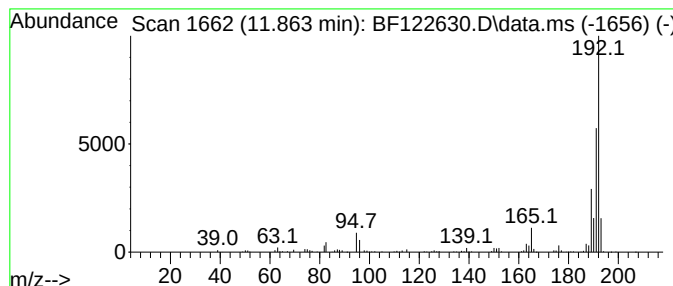
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	3.62 ng	345807	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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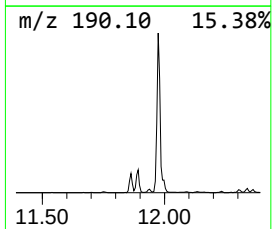
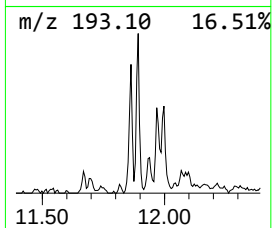
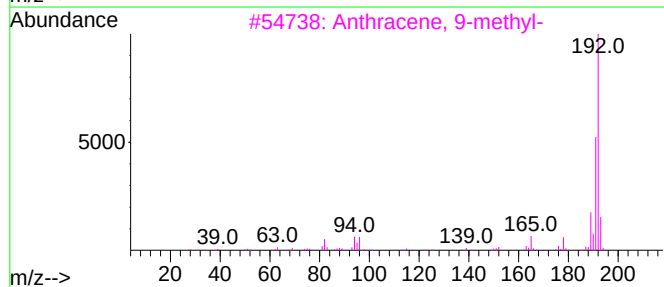
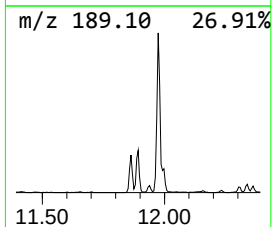
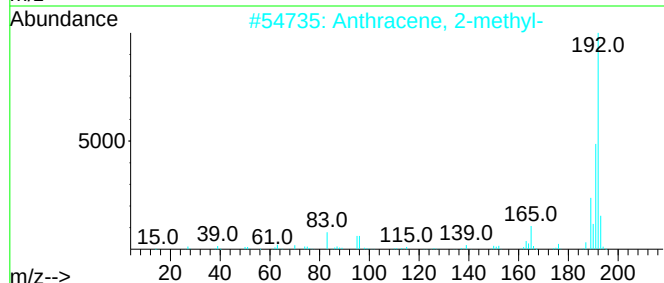
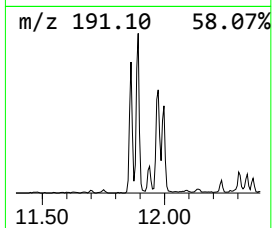
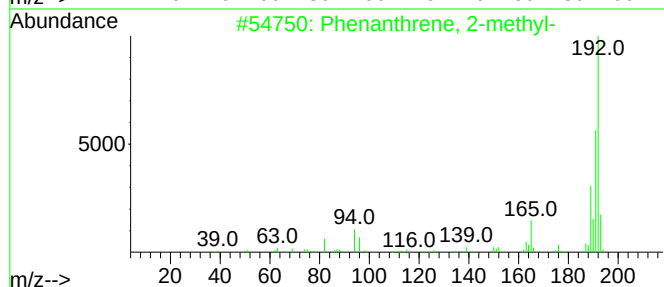
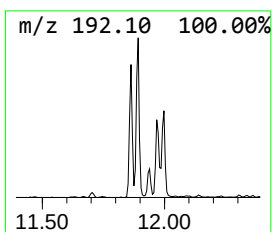
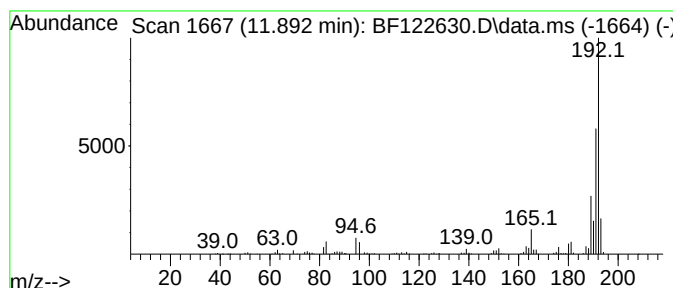
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.892	4.65 ng	444113	Phenanthrene-d10		11.363	
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	Anthracene, 9-methyl-		192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	93
5	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	92



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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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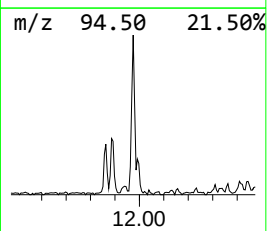
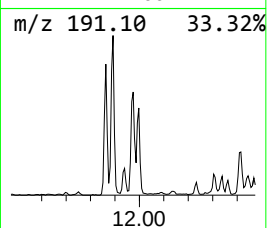
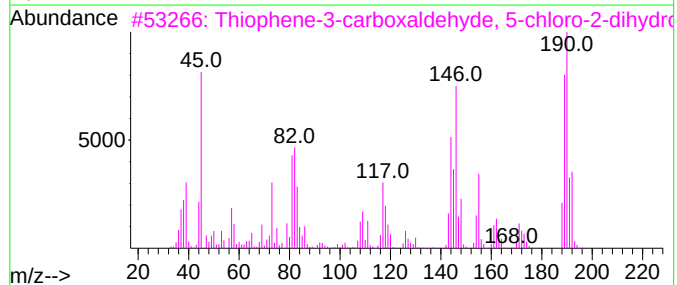
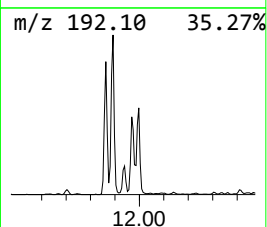
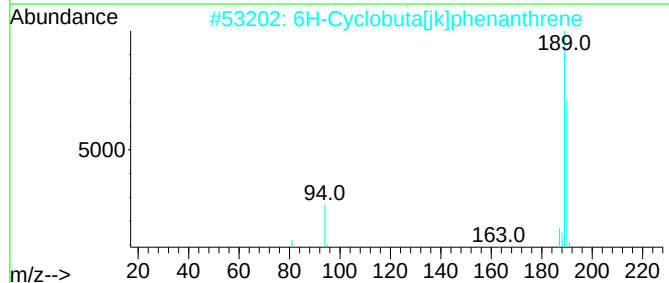
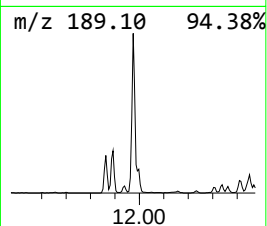
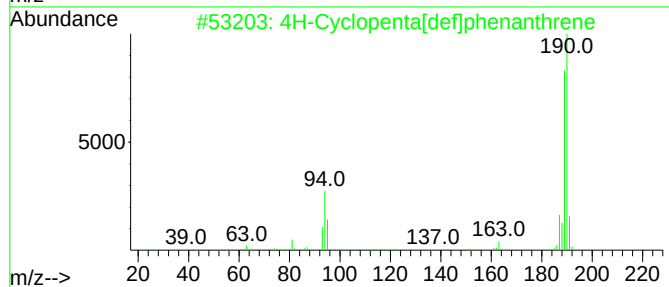
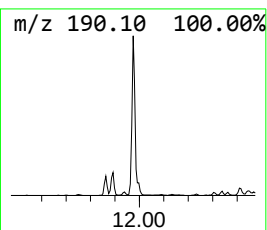
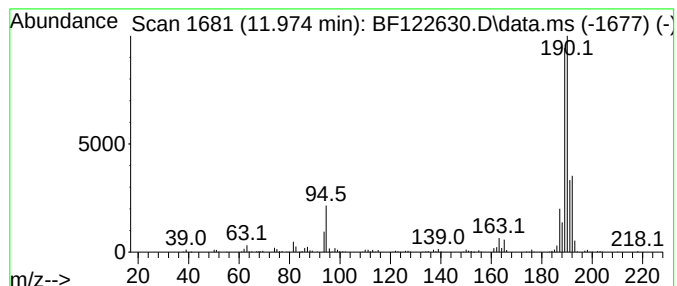
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	7.01 ng	669502	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			Methyl diselenide	190	C2H6Se2	007101-31-7	46
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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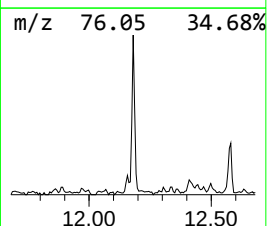
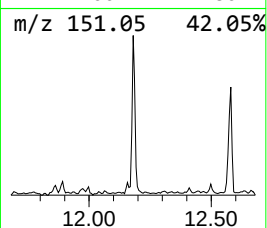
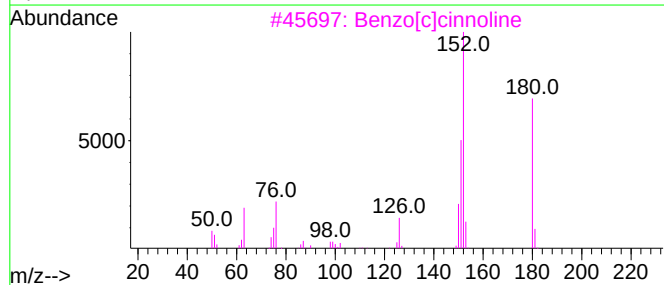
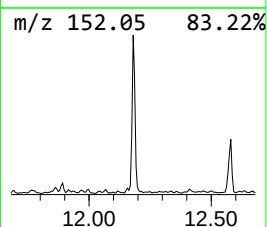
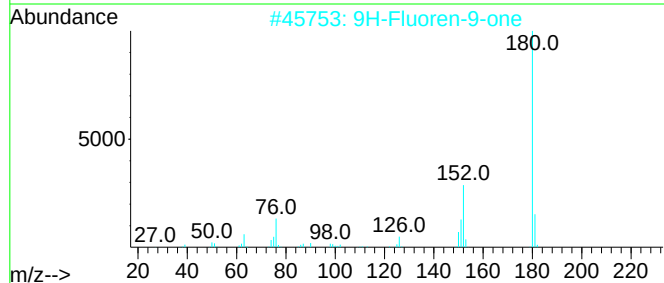
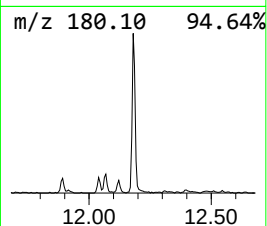
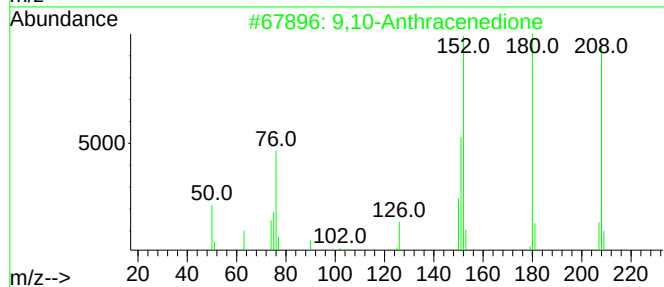
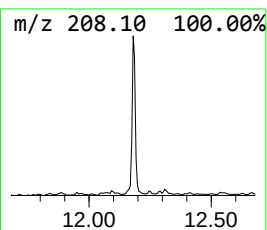
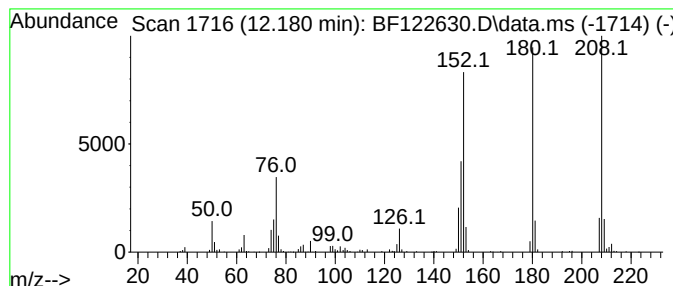
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.180	4.41 ng	421442	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	89
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
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Sample : L4977-01
Misc :
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Instrument :
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ClientSampleId :
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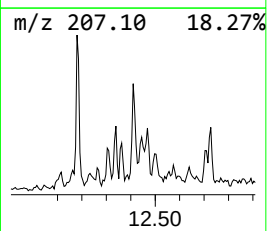
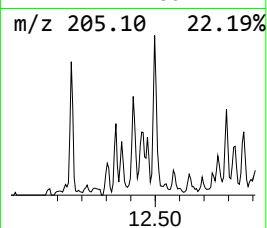
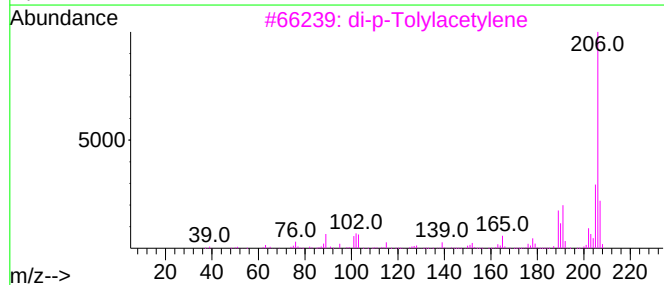
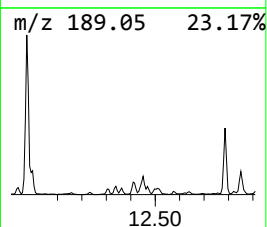
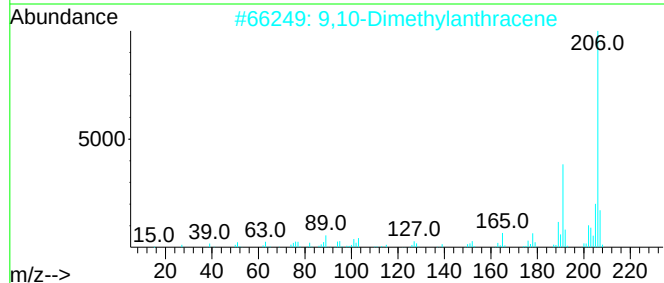
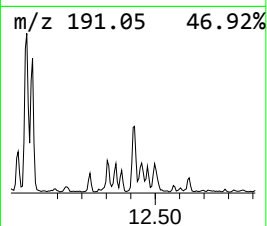
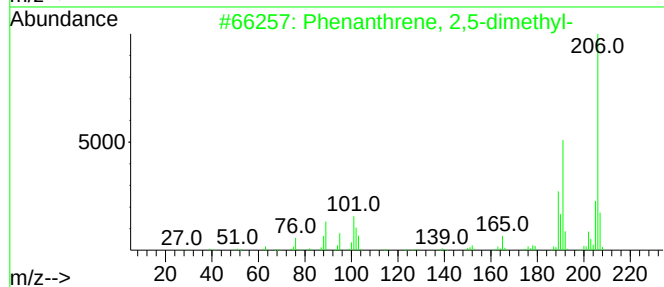
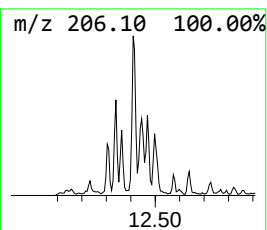
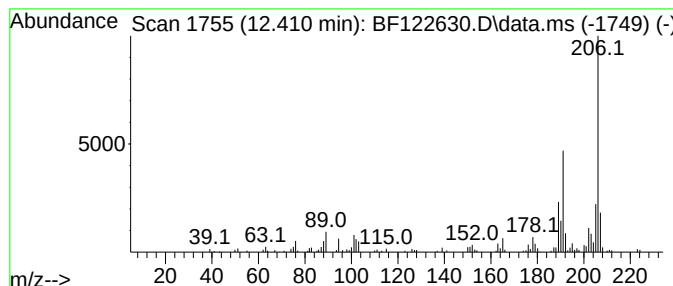
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	3.02 ng	288654	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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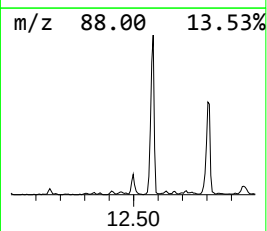
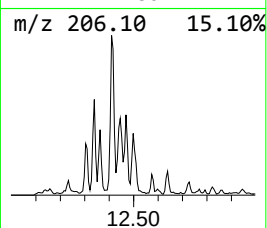
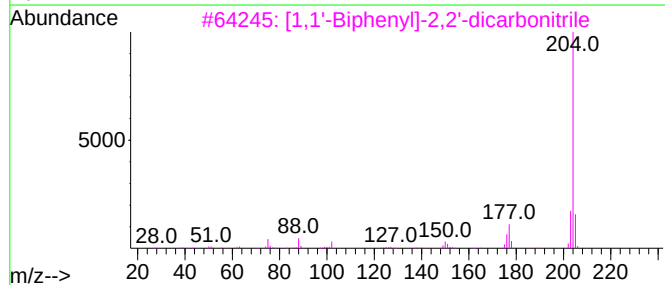
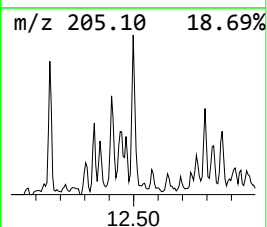
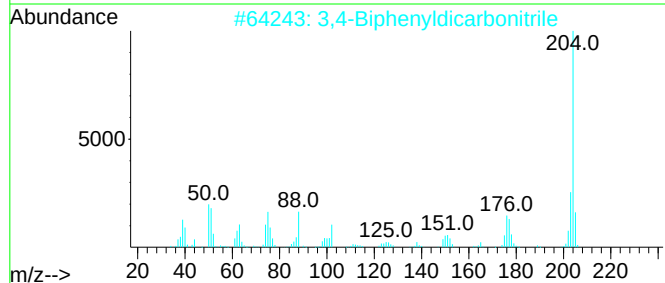
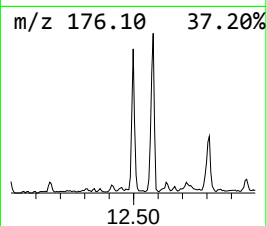
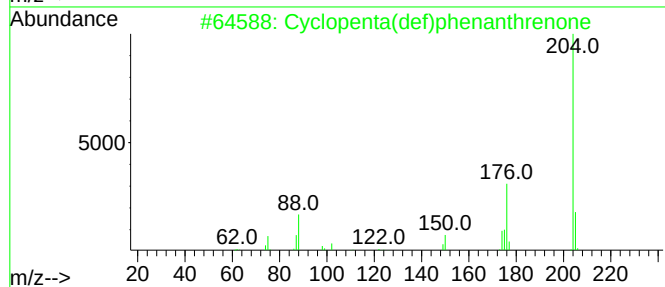
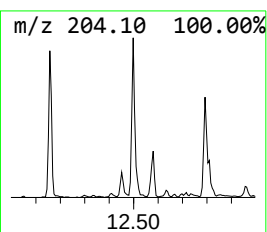
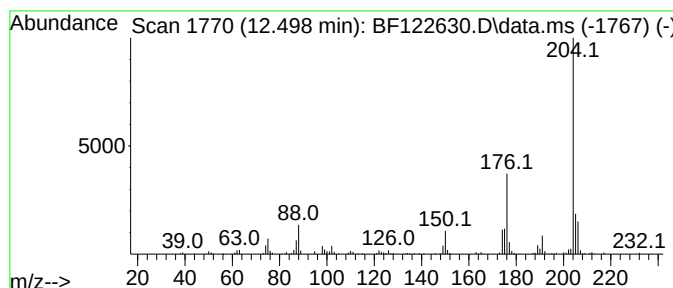
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.71 ng	354024	Phenanthrene-d10	11.363

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
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Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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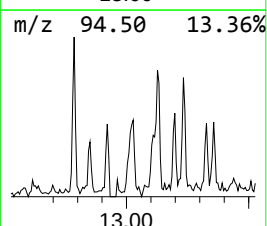
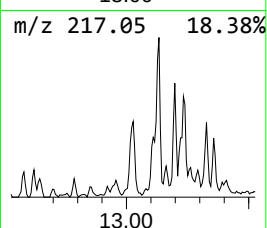
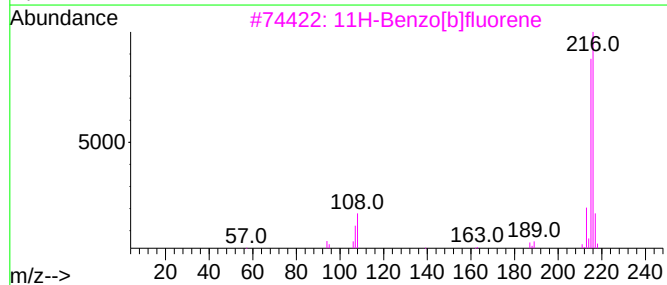
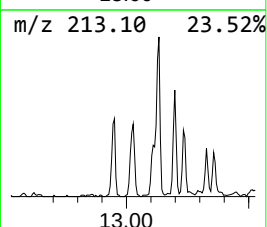
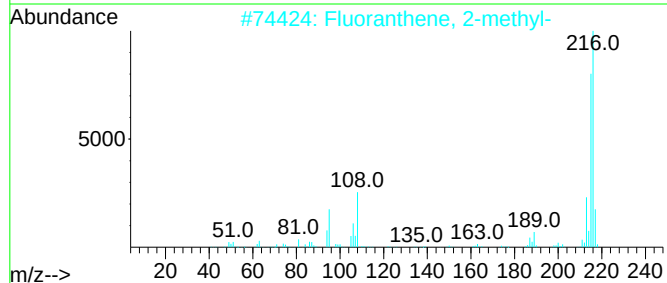
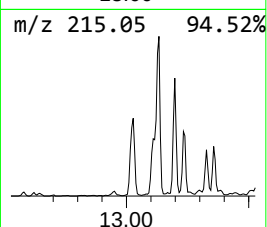
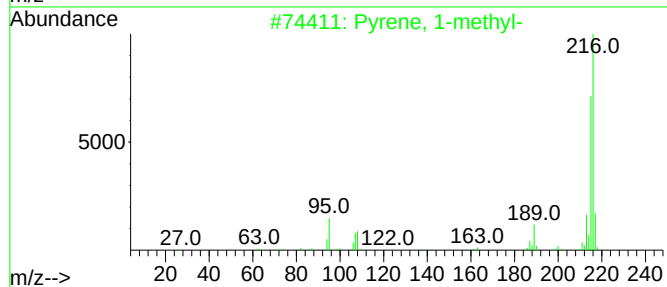
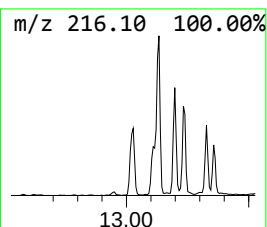
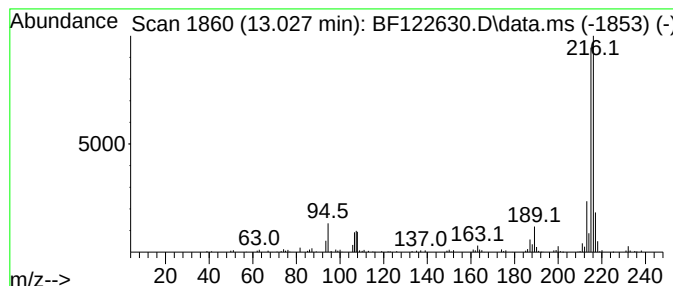
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.027	2.66 ng	500551	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
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Sample : L4977-01
Misc :
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Instrument :
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ClientSampleId :
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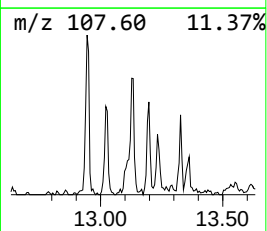
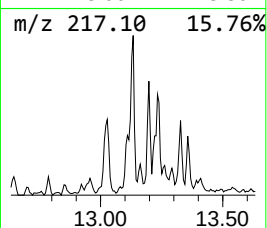
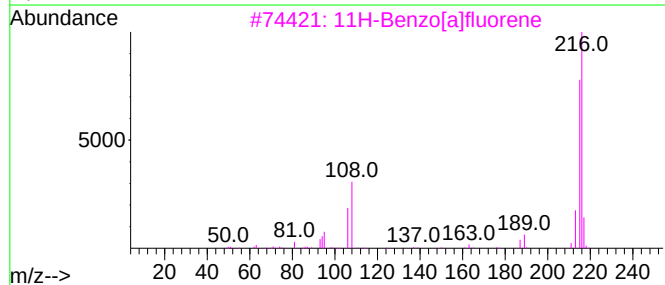
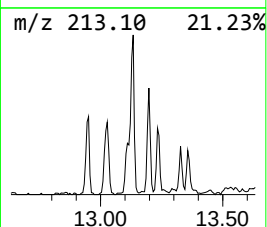
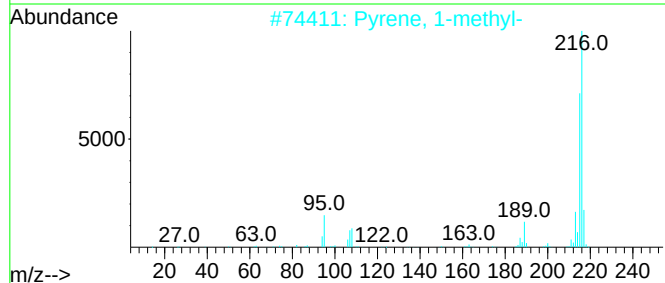
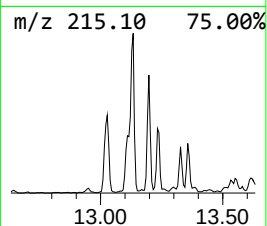
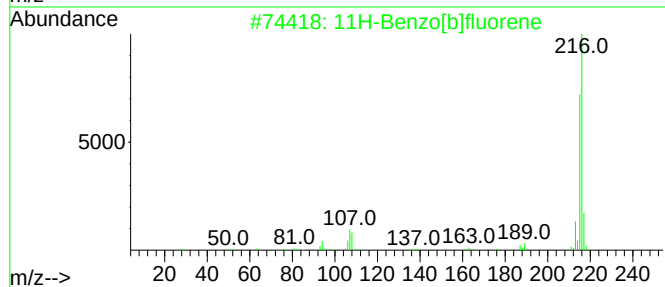
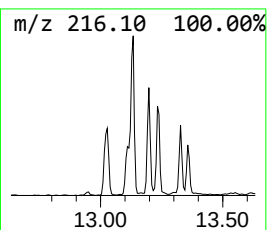
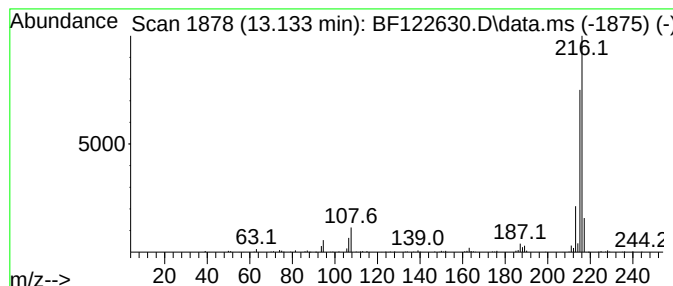
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	2.97 ng	559826	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
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Sample : L4977-01
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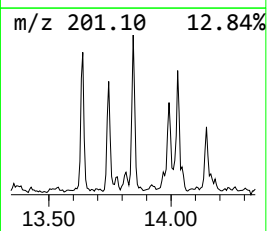
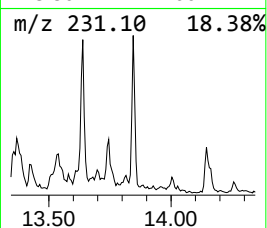
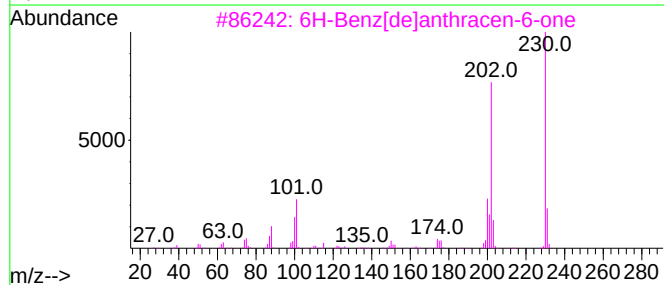
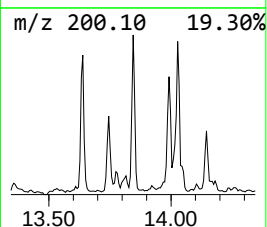
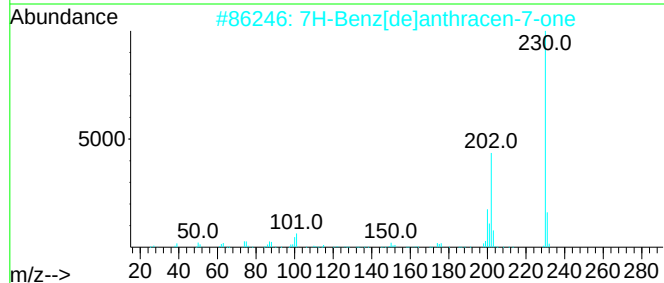
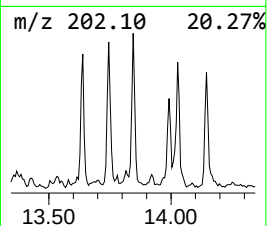
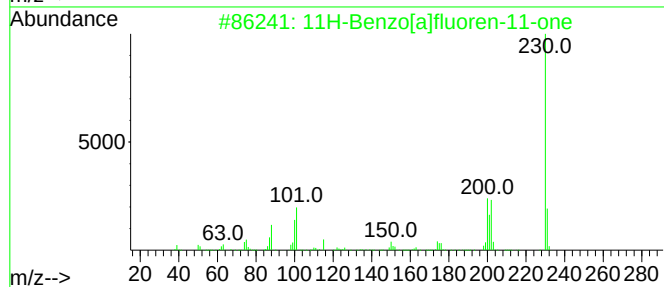
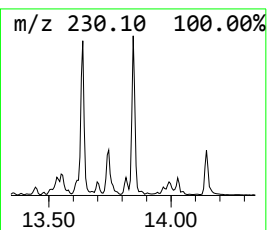
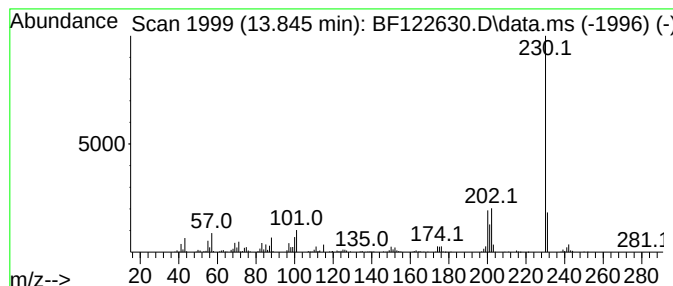
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	2.62 ng	494053	Chrysene-d12	14.004

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4			(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	64
5			o-Terphenyl	230	C18H14	000084-15-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
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ALS Vial : 17 Sample Multiplier: 1

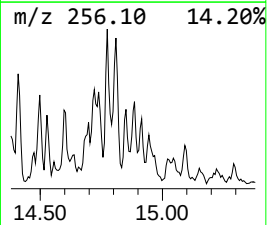
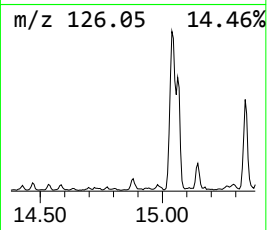
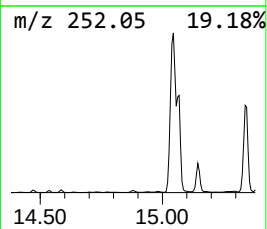
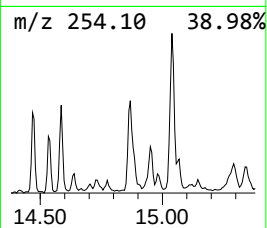
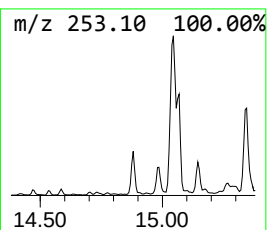
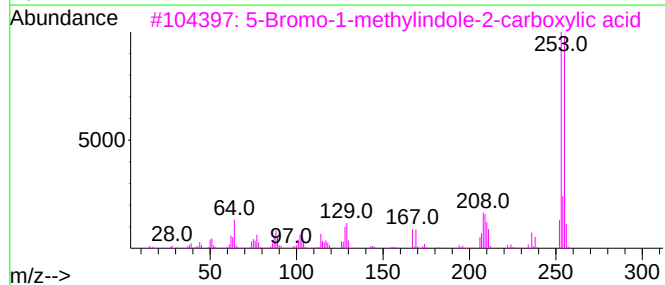
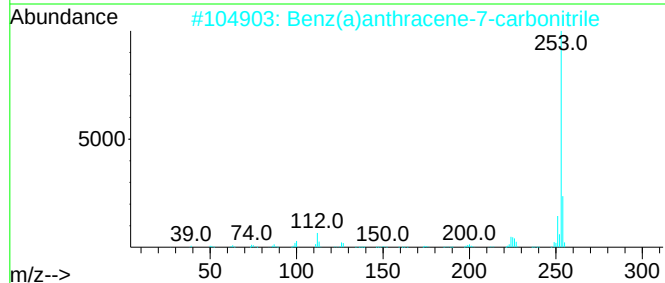
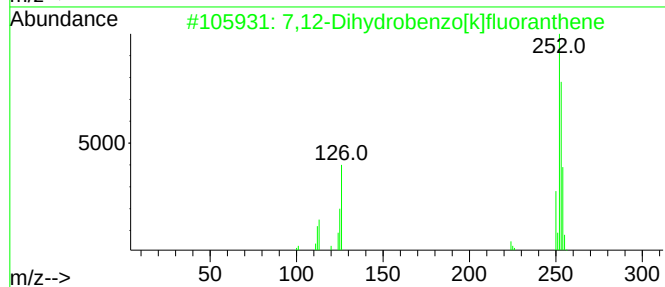
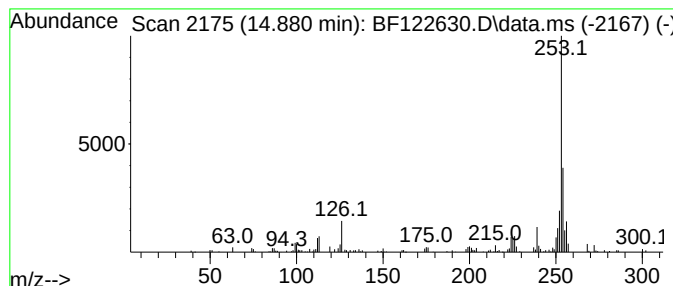
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72-11976

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.880	4.00 ng	279745	Perylene-d12	15.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	68
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
3	5-Bromo-1-methylindole-2-carboxy...	253	C10H8BrNO2	090766-47-5	50
4	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	47
5	Propanephosphonic acid, bis(trim...	268	C9H25O3PSi2	1000193-07-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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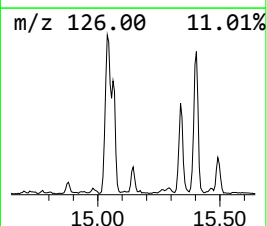
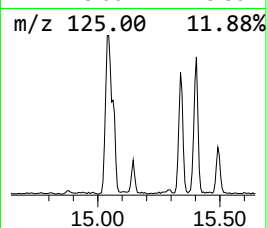
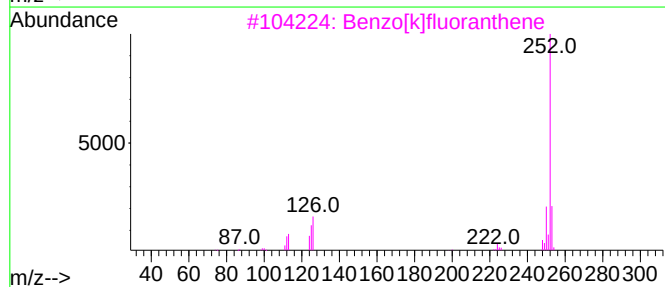
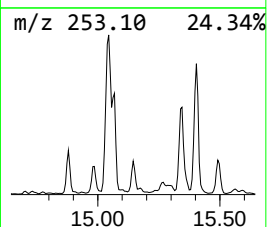
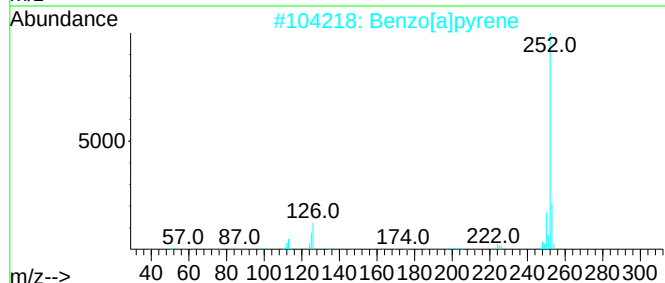
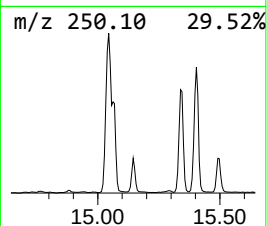
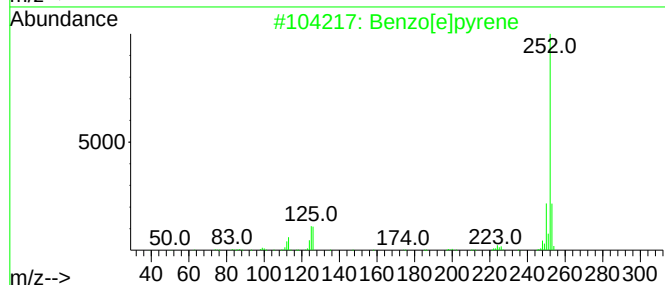
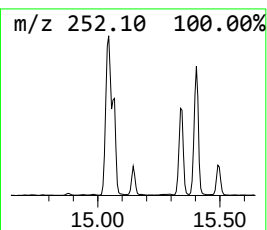
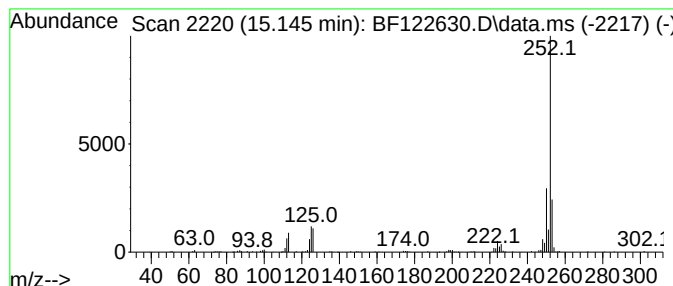
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	3.52 ng	246336	Perylene-d12	15.468

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

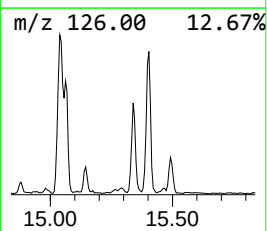
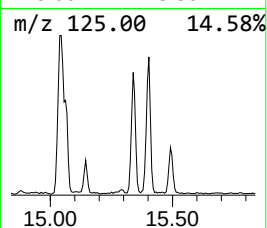
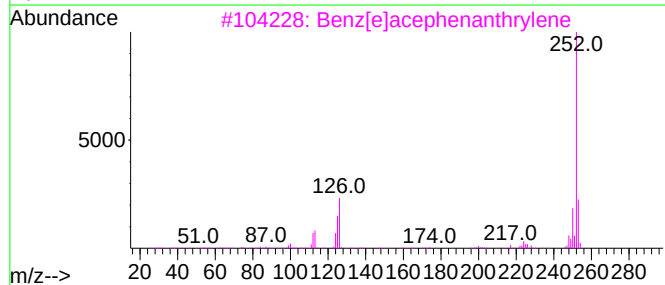
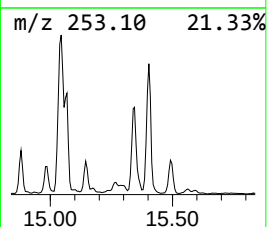
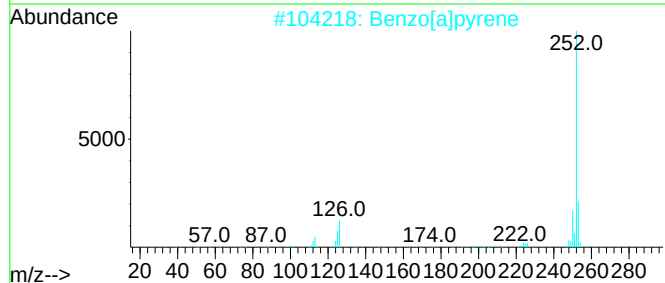
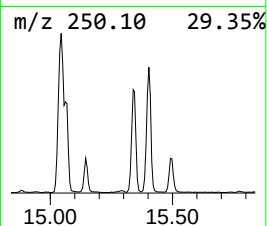
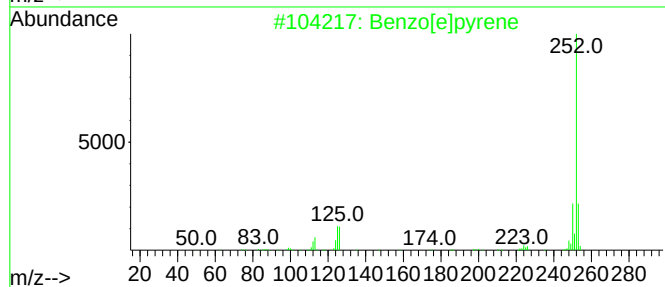
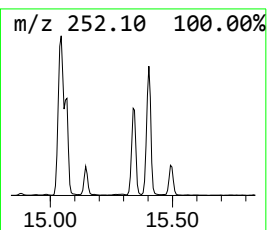
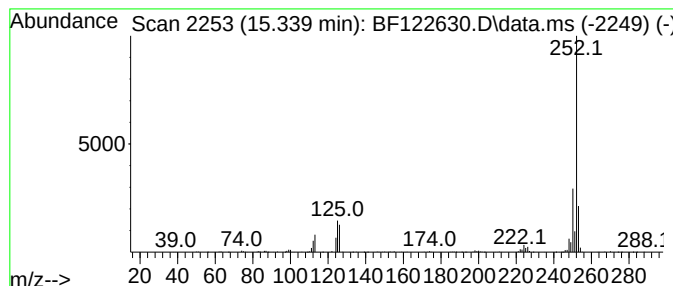
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	16.30 ng	1140970	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
72-11976

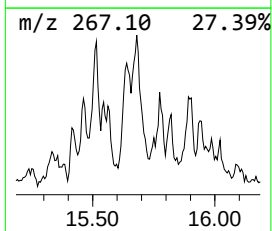
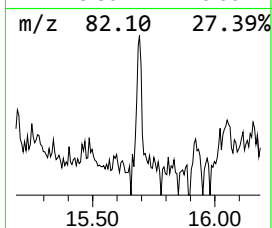
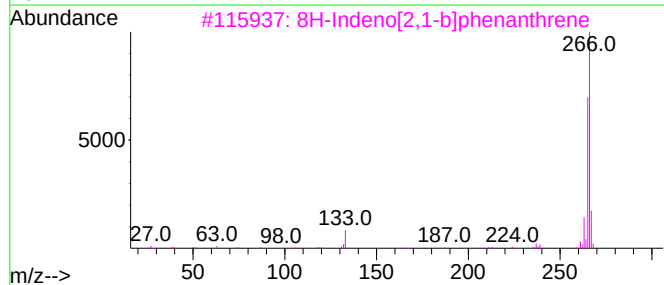
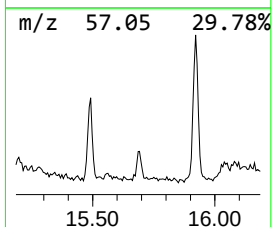
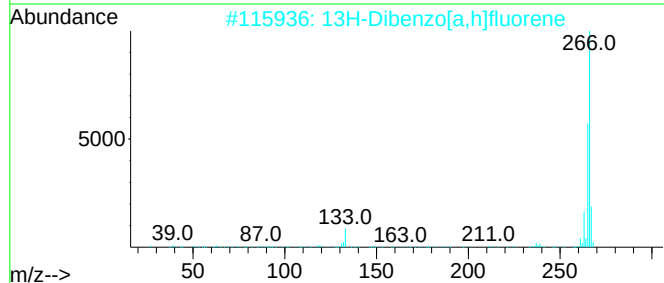
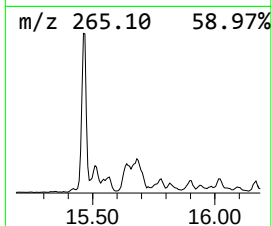
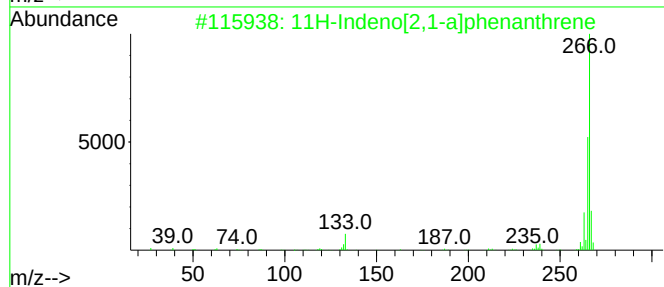
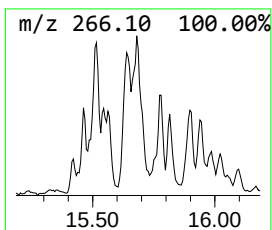
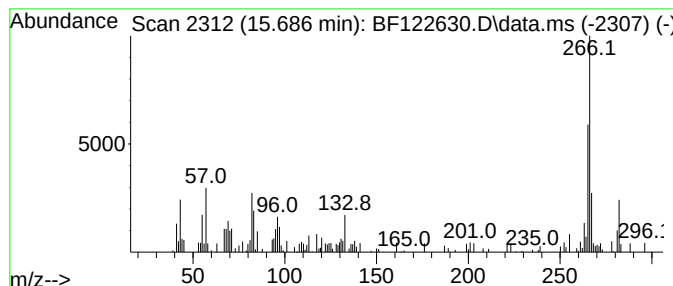
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Indeno[2,1-a]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	2.93 ng	205201	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	64
2			13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	64
3			8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	62
4			1-Benzothieno[3,2-f]quinazoline-...	266	C14H10N4S	065642-92-4	58
5			5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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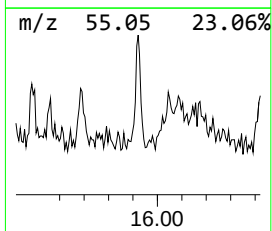
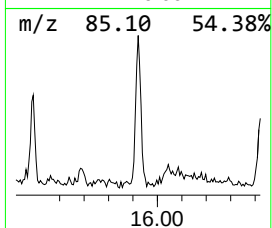
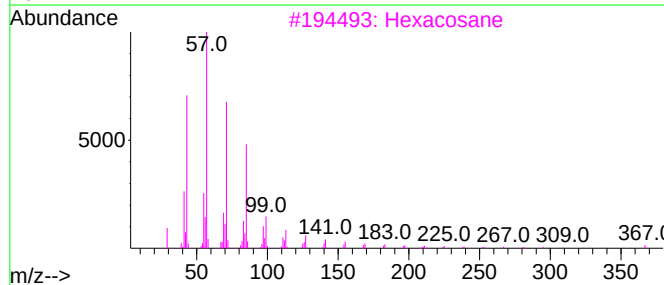
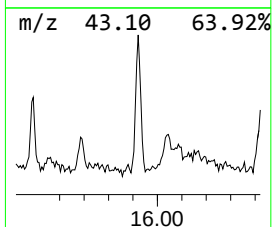
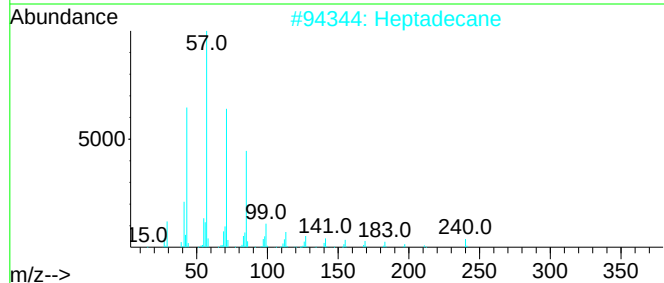
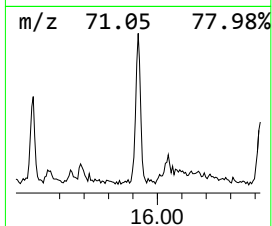
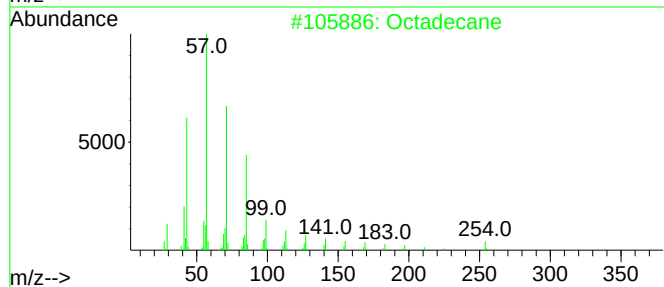
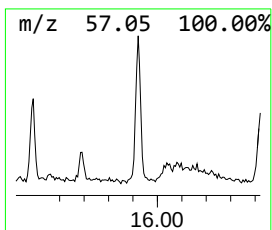
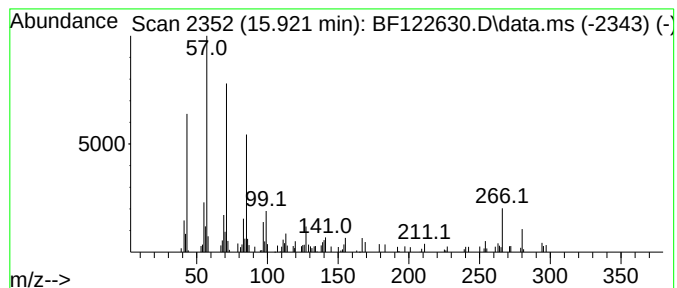
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	4.09 ng	286478	Perylene-d12	15.468

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	97
2		Heptadecane	240	C17H36	000629-78-7	95
3		Hexacosane	366	C26H54	000630-01-3	76
4		Heneicosane	296	C21H44	000629-94-7	76
5		2-methyloctacosane	408	C29H60	1000376-72-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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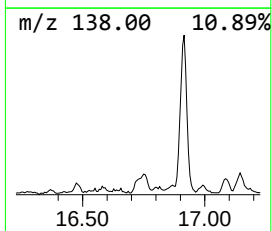
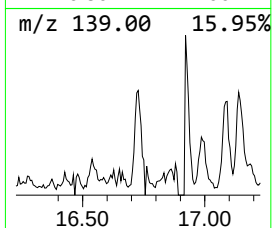
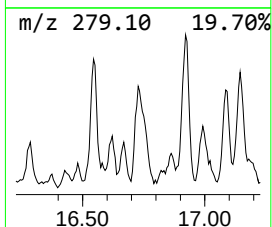
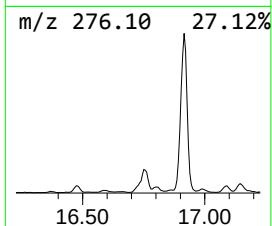
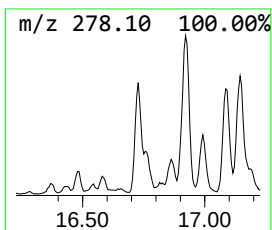
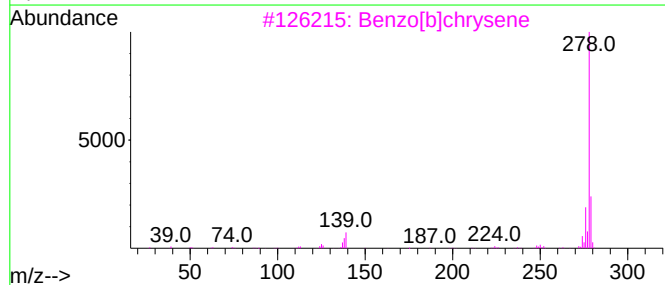
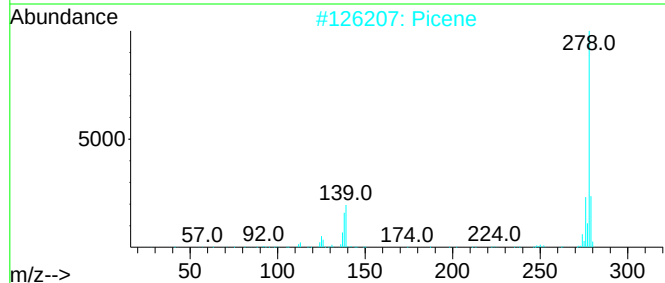
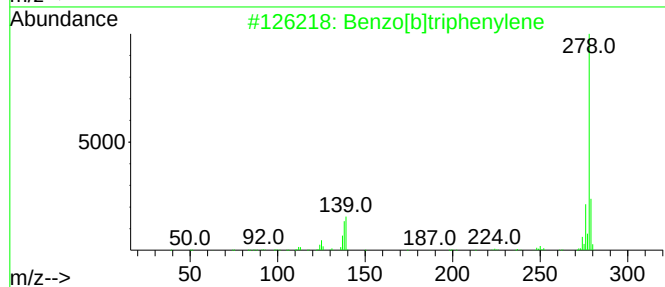
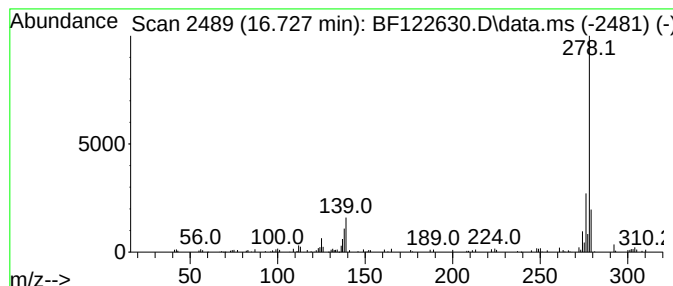
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.727	3.21 ng	224917	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2			Picene	278	C22H14	000213-46-7	89
3			Benzo[b]chrysene	278	C22H14	000214-17-5	89
4			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	86
5			Benzo[a]naphthacene	278	C22H14	000226-88-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
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Sample : L4977-01
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ALS Vial : 17 Sample Multiplier: 1

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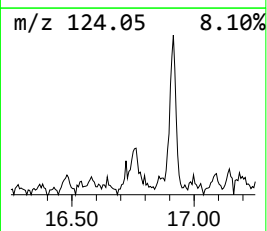
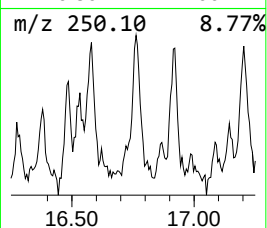
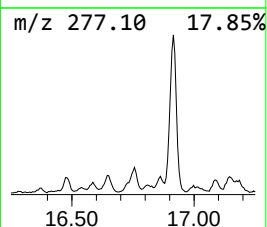
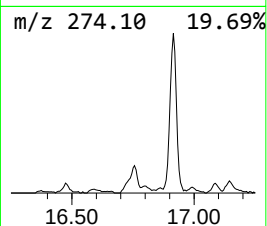
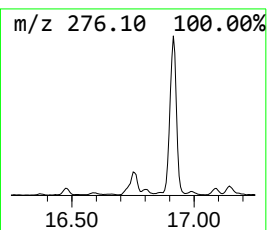
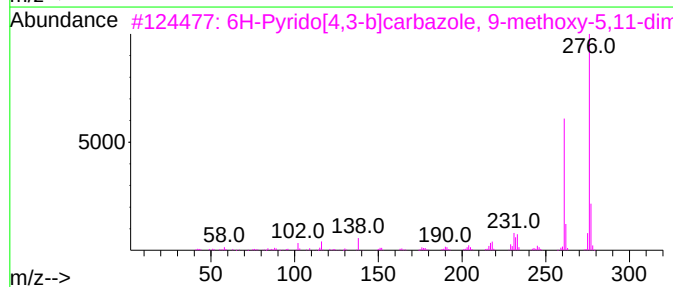
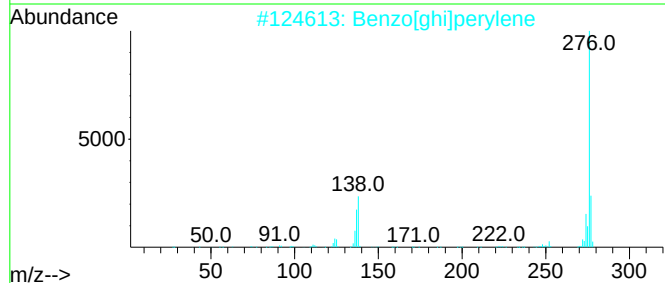
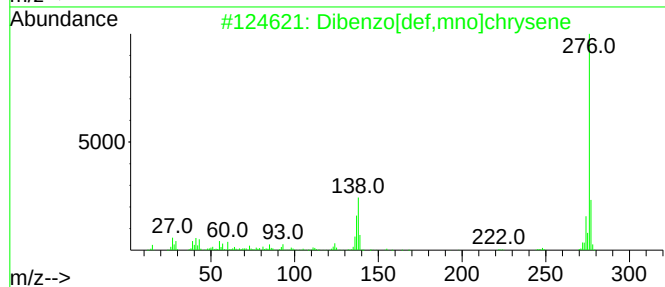
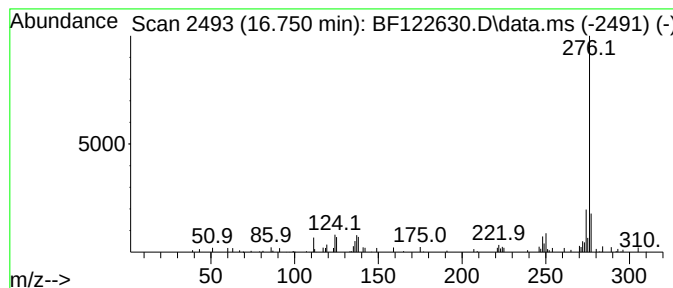
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.750	2.40 ng	168293	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	58
2			Benzo[ghi]perylene	276	C22H12	000191-24-2	53
3			6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50
4			7H-Furo[3,2-g][1]benzopyran-7-on...	276	C14H12O6	018646-72-5	42
5			2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
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Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

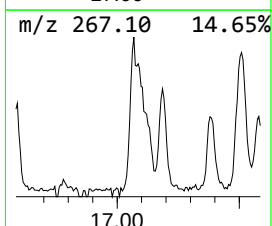
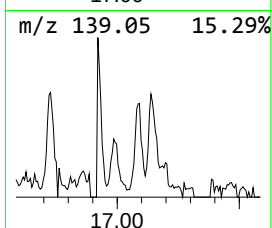
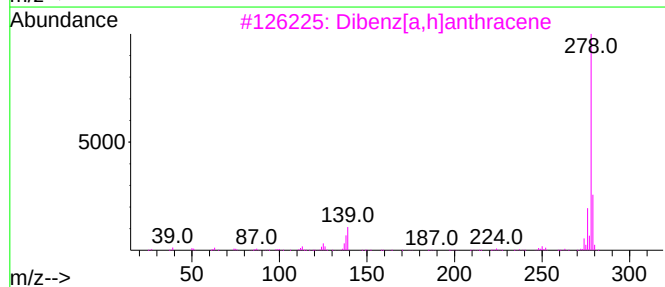
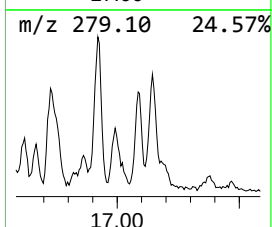
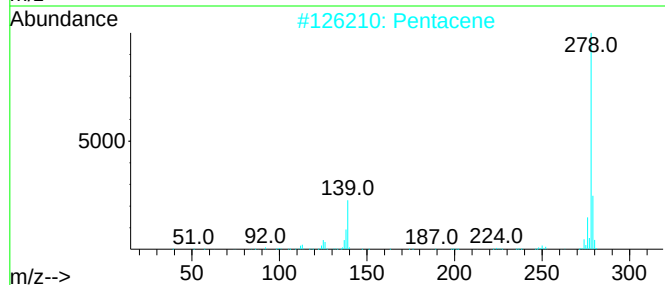
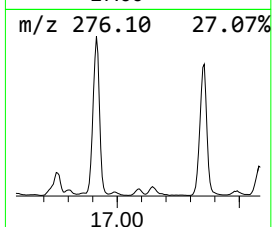
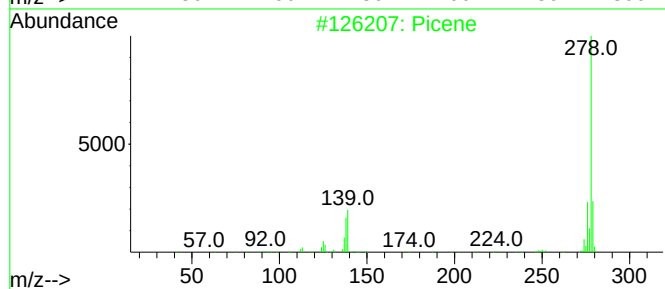
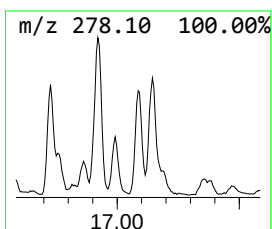
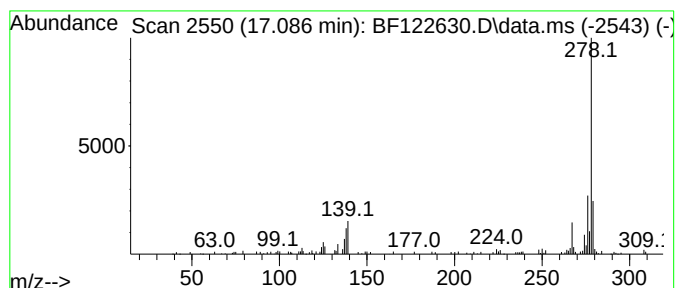
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.086	3.44 ng	240967	Perylene-d12	15.468	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Pentacene	278	C22H14	000135-48-8	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

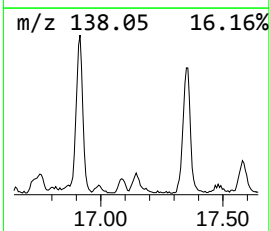
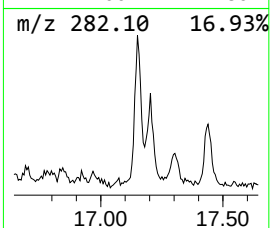
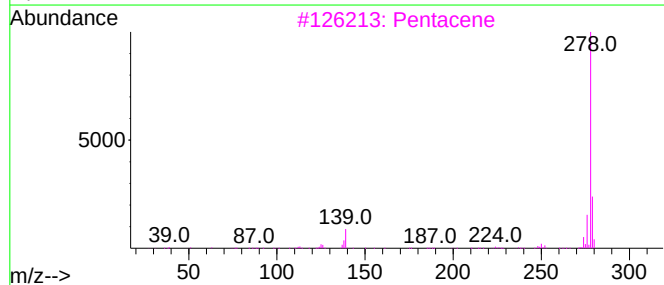
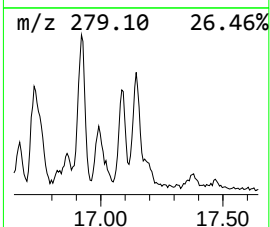
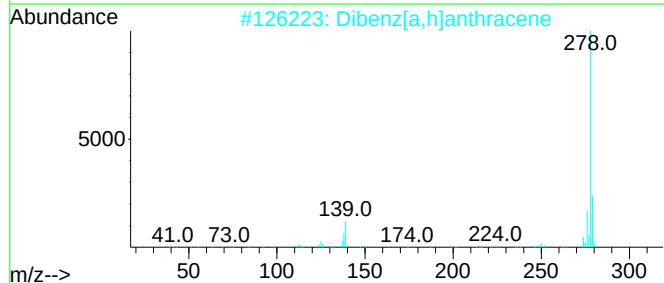
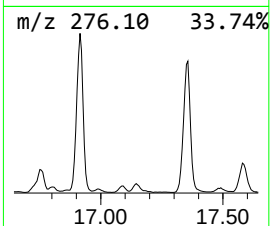
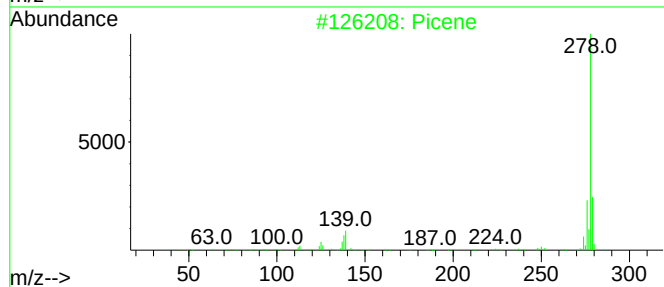
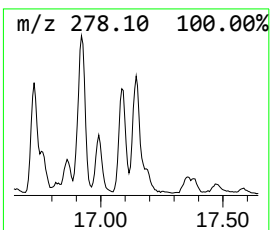
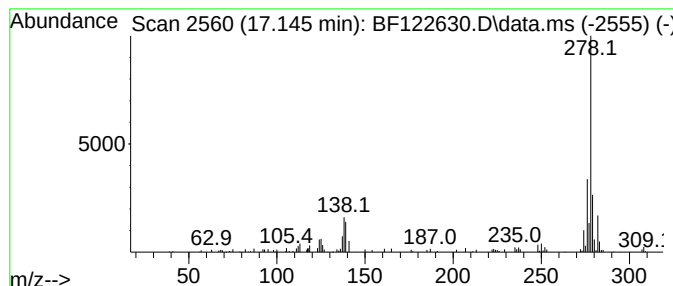
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentacene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	2.82 ng	197412	Perylene-d12	15.468

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Picene	278	C22H14	000213-46-7	96
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
3		Pentacene	278	C22H14	000135-48-8	92
4		Benzo[b]chrysene	278	C22H14	000214-17-5	89
5		Pentaphene	278	C22H14	000222-93-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

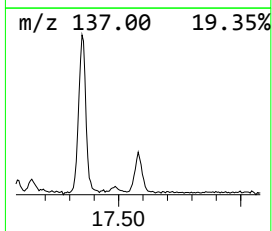
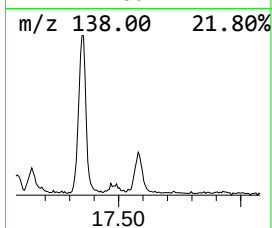
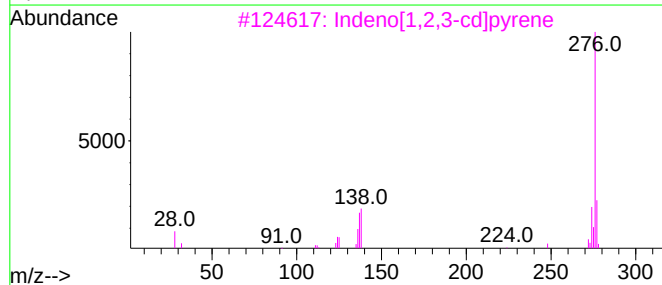
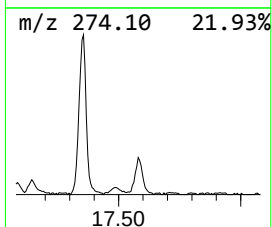
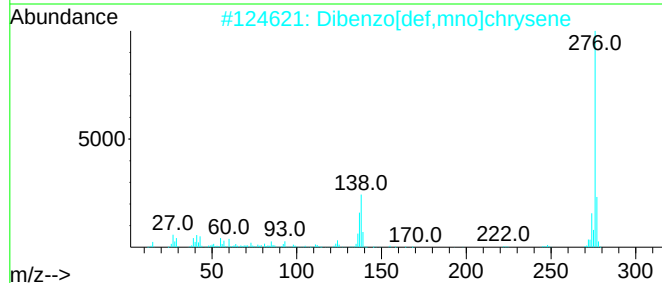
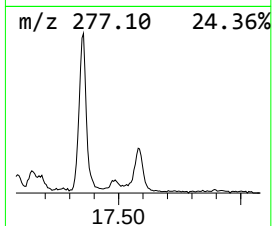
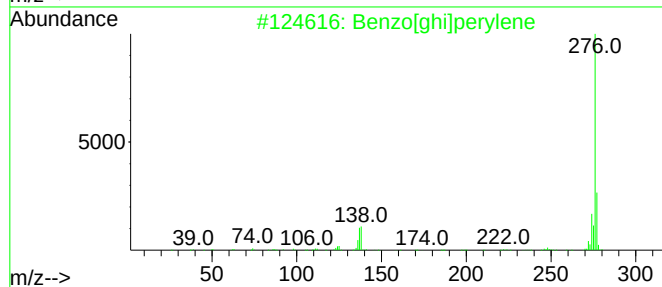
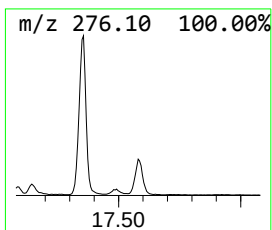
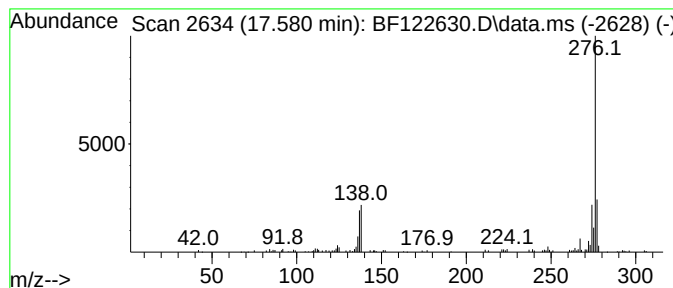
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 6H-Pyrido[4,3-b]carbazole, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.580	3.64 ng	254777	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene	276	C22H12	000191-24-2	98
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	98
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4			6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	50
5			2-Dodecyl-p-cresol	276	C19H32O	025912-91-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122630.D
Acq On : 10 Dec 2020 1:34
Operator : JU/CG
Sample : L4977-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11976

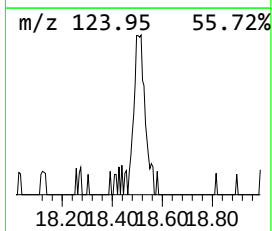
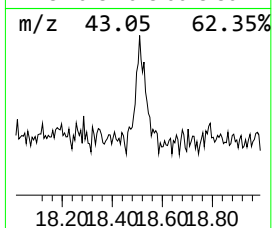
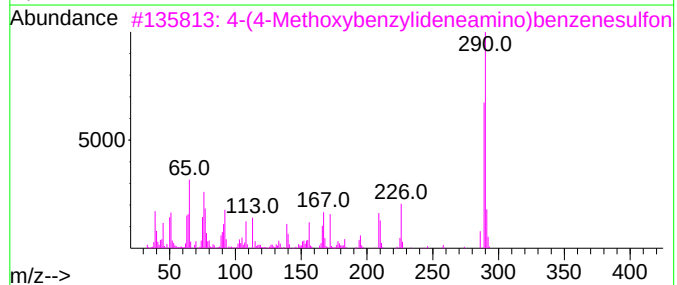
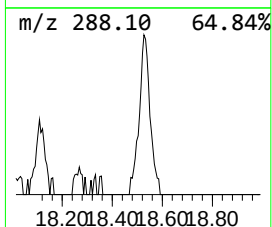
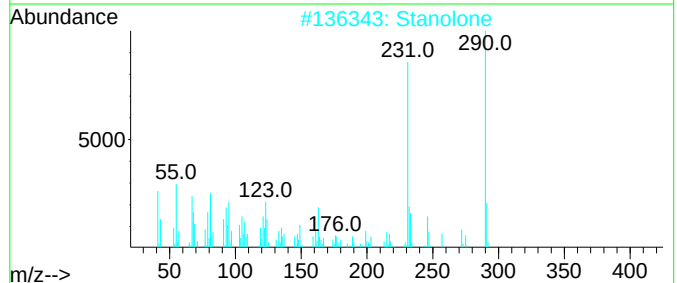
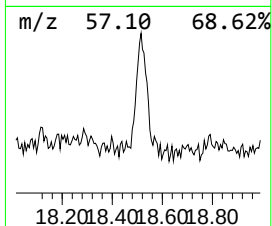
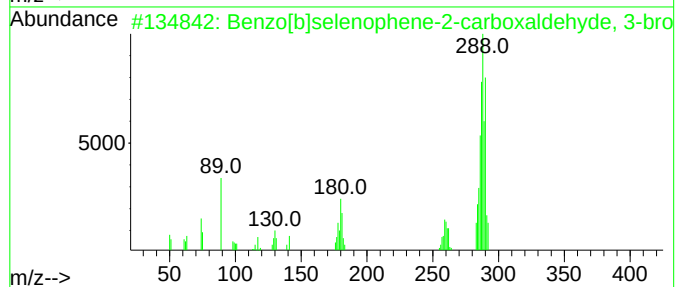
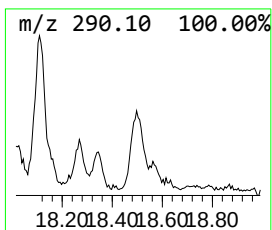
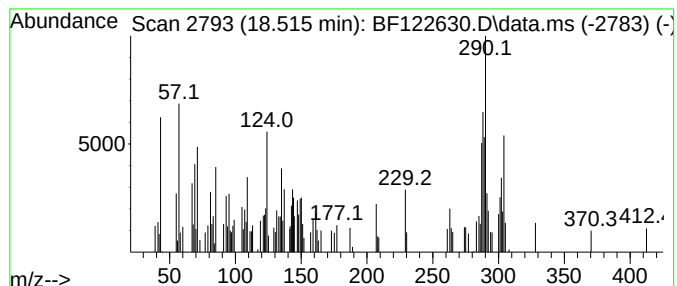
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.515 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.515	3.76 ng	263195	Perylene-d12	15.468

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]selenophene-2-carboxalde...	288	C9H5BrOSe	026581-53-3	38
2			Stanolone	290	C19H30O2	000521-18-6	35
3			4-(4-Methoxybenzylideneamino)ben...	290	C14H14N2O3S	066667-56-9	27
4			10-Cyclohexyl-2,3-dihydro-1H-pyr...	290	C20H22N2	157056-89-8	27
5			(3-Amino-5-chloro-benzofuran-2-y...	289	C15H9ClFN02	1000294-51-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122630.D
 Acq On : 10 Dec 2020 1:34
 Operator : JU/CG
 Sample : L4977-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1...	11.863	3.6	ng	345807	4	11.363	1909220	20.0
Phenanthrene, 2...	11.892	4.7	ng	444113	4	11.363	1909220	20.0
4H-Cyclopenta[d...	11.974	7.0	ng	669502	4	11.363	1909220	20.0
9,10-Anthracene...	12.180	4.4	ng	421442	4	11.363	1909220	20.0
Phenanthrene, 2...	12.410	3.0	ng	288654	4	11.363	1909220	20.0
Cyclopenta(def)...	12.498	3.7	ng	354024	4	11.363	1909220	20.0
Pyrene, 1-methyl-	13.027	2.7	ng	500551	5	14.004	3766830	20.0
11H-Benzo[b]flu...	13.133	3.0	ng	559826	5	14.004	3766830	20.0
11H-Benzo[a]flu...	13.845	2.6	ng	494053	5	14.004	3766830	20.0
7,12-Dihydroben...	14.880	4.0	ng	279745	6	15.468	1399920	20.0
Benzo[e]pyrene	15.145	3.5	ng	246336	6	15.468	1399920	20.0
Perylene	15.339	16.3	ng	1140970	6	15.468	1399920	20.0
11H-Indeno[2,1-...	15.686	2.9	ng	205201	6	15.468	1399920	20.0
Octadecane	15.921	4.1	ng	286478	6	15.468	1399920	20.0
Benzo[b]triphen...	16.727	3.2	ng	224917	6	15.468	1399920	20.0
Dibenzo[def,mno...	16.750	2.4	ng	168293	6	15.468	1399920	20.0
Picene	17.086	3.4	ng	240967	6	15.468	1399920	20.0
Pentacene	17.145	2.8	ng	197412	6	15.468	1399920	20.0
6H-Pyrido[4,3-b...	17.580	3.6	ng	254777	6	15.468	1399920	20.0
unknown18.515	18.515	3.8	ng	263195	6	15.468	1399920	20.0