

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
 Data File : BF120693.D
 Acq On : 22 Jun 2020 23:34
 Operator : JU/CG
 Sample : L3082-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12

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-BF061020.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	5.404	560	564	580	rBV	2017562	2001666	64.13%	5.039%
2	6.433	734	739	757	rBV	2075253	2110335	67.61%	5.312%
3	6.798	797	801	804	rBV	985456	811020	25.98%	2.042%
4	6.951	823	827	831	rBV	2256278	1874577	60.06%	4.719%
5	7.357	892	896	899	rBV	1622889	1436198	46.01%	3.615%
6	8.080	1015	1019	1022	rBV	1211305	1053135	33.74%	2.651%
7	9.157	1198	1202	1205	rBV	3258596	2821528	90.40%	7.102%
8	9.551	1265	1269	1276	rBV	289899	266605	8.54%	0.671%
9	9.692	1290	1293	1297	rBV	86244	69183	2.22%	0.174%
10	9.833	1313	1317	1321	rBV	1504316	1227171	39.32%	3.089%
11	10.621	1447	1451	1461	rBV	1960870	1827946	58.57%	4.601%
12	11.321	1566	1570	1572	rBV	1536492	1330837	42.64%	3.350%
13	11.339	1572	1573	1578	rVV	237072	196911	6.31%	0.496%
14	11.392	1578	1582	1586	rVB	99860	99114	3.18%	0.249%
15	11.551	1604	1609	1612	rBV2	136725	134408	4.31%	0.338%
16	11.821	1649	1655	1657	rBV	68933	68061	2.18%	0.171%
17	11.851	1657	1660	1663	rVV	124313	119220	3.82%	0.300%
18	11.898	1665	1668	1670	rVV	58028	52471	1.68%	0.132%
19	11.933	1670	1674	1676	rVV2	101537	118121	3.78%	0.297%
20	11.957	1676	1678	1681	rVB	65438	55191	1.77%	0.139%
21	12.115	1703	1705	1707	rBV	76276	60775	1.95%	0.153%
22	12.139	1707	1709	1713	rVB	123414	112893	3.62%	0.284%
23	12.374	1742	1749	1752	rBV2	96704	152870	4.90%	0.385%
24	12.410	1752	1755	1757	rVV2	67399	80703	2.59%	0.203%
25	12.457	1760	1763	1768	rVB	159169	160579	5.14%	0.404%
26	12.533	1772	1776	1780	rVB	1694359	1457753	46.71%	3.670%
27	12.627	1789	1792	1795	rVB	189308	149602	4.79%	0.377%
28	12.662	1795	1798	1800	rBV2	60148	73784	2.36%	0.186%
29	12.762	1809	1815	1818	rBV2	1628217	1608361	51.53%	4.049%
30	12.810	1821	1823	1828	rVB2	98685	106756	3.42%	0.269%
31	12.880	1831	1835	1836	rBV	151161	137408	4.40%	0.346%
32	12.910	1836	1840	1843	rVB	3428628	3121178	100.00%	7.857%
33	12.986	1847	1853	1855	rBV2	187681	314098	10.06%	0.791%
34	13.015	1855	1858	1860	rBV	107409	100581	3.22%	0.253%

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35	13.068	1864	1867	1868	rBV3	121933	129124	4.14%	0.325%
36	13.192	1885	1888	1892	rVB2	226628	231776	7.43%	0.583%
37	13.251	1896	1898	1901	rBV	54729	53046	1.70%	0.134%
38	13.286	1901	1904	1907	rVB	131208	106043	3.40%	0.267%
39	13.315	1907	1909	1913	rBV2	126572	135232	4.33%	0.340%
40	13.498	1932	1940	1941	rBV5	190946	404267	12.95%	1.018%
41	13.598	1954	1957	1960	rVB	337055	268514	8.60%	0.676%
42	13.657	1962	1967	1970	rVV4	126203	263852	8.45%	0.664%
43	13.704	1972	1975	1979	rVV2	259473	397231	12.73%	1.000%
44	13.739	1979	1981	1983	rVV	240175	226906	7.27%	0.571%
45	13.762	1983	1985	1990	rVV2	200445	303710	9.73%	0.765%
46	13.809	1990	1993	2003	rVB2	536665	667603	21.39%	1.681%
47	13.962	2011	2019	2022	rBV2	1908675	2822308	90.42%	7.104%
48	13.986	2022	2023	2029	rVB	974162	838934	26.88%	2.112%
49	14.068	2035	2037	2039	rVB2	64066	45313	1.45%	0.114%
50	14.104	2041	2043	2045	rBV	96053	84174	2.70%	0.212%
51	14.215	2060	2062	2065	rVB2	66045	63523	2.04%	0.160%
52	14.351	2082	2085	2088	rVB	219279	208877	6.69%	0.526%
53	14.380	2088	2090	2094	rBV2	111670	138097	4.42%	0.348%
54	14.474	2103	2106	2108	rBV	114419	101560	3.25%	0.256%
55	14.651	2134	2136	2139	rBV2	65186	73423	2.35%	0.185%
56	14.733	2147	2150	2151	rBV3	147614	152569	4.89%	0.384%
57	14.992	2190	2194	2197	rBV	946643	1402079	44.92%	3.529%
58	15.092	2209	2211	2215	rVB	211979	221616	7.10%	0.558%
59	15.286	2240	2244	2250	rVB	509214	659767	21.14%	1.661%
60	15.345	2250	2254	2260	rVV	751712	927062	29.70%	2.334%
61	15.409	2260	2265	2268	rVV	995204	1212932	38.86%	3.053%
62	15.439	2268	2270	2276	rVB2	255248	295304	9.46%	0.743%
63	16.833	2501	2507	2515	rVB2	396740	770716	24.69%	1.940%
64	17.262	2574	2580	2587	rVB	291771	540686	17.32%	1.361%
65	17.392	2600	2602	2605	rBV3	46297	58213	1.87%	0.147%
66	17.597	2635	2637	2642	rBV5	41654	58754	1.88%	0.148%
67	17.668	2646	2649	2655	rBV8	31626	58073	1.86%	0.146%
68	17.762	2661	2665	2670	rBV8	30384	72600	2.33%	0.183%
69	17.868	2680	2683	2687	rBV5	26968	44013	1.41%	0.111%
70	17.992	2700	2704	2706	rBV5	44119	67410	2.16%	0.170%
71	18.197	2736	2739	2745	rBV8	36903	69757	2.23%	0.176%

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72	18.386	2768	2771	2774	rBV4	43046	66720	2.14%	0.168%
73	18.686	2820	2822	2827	rVB6	33431	46261	1.48%	0.116%
74	18.750	2831	2833	2838	rVB5	34577	50678	1.62%	0.128%
75	18.827	2844	2846	2849	rVB4	32410	35936	1.15%	0.090%
76	18.915	2859	2861	2865	rBV5	31010	40228	1.29%	0.101%

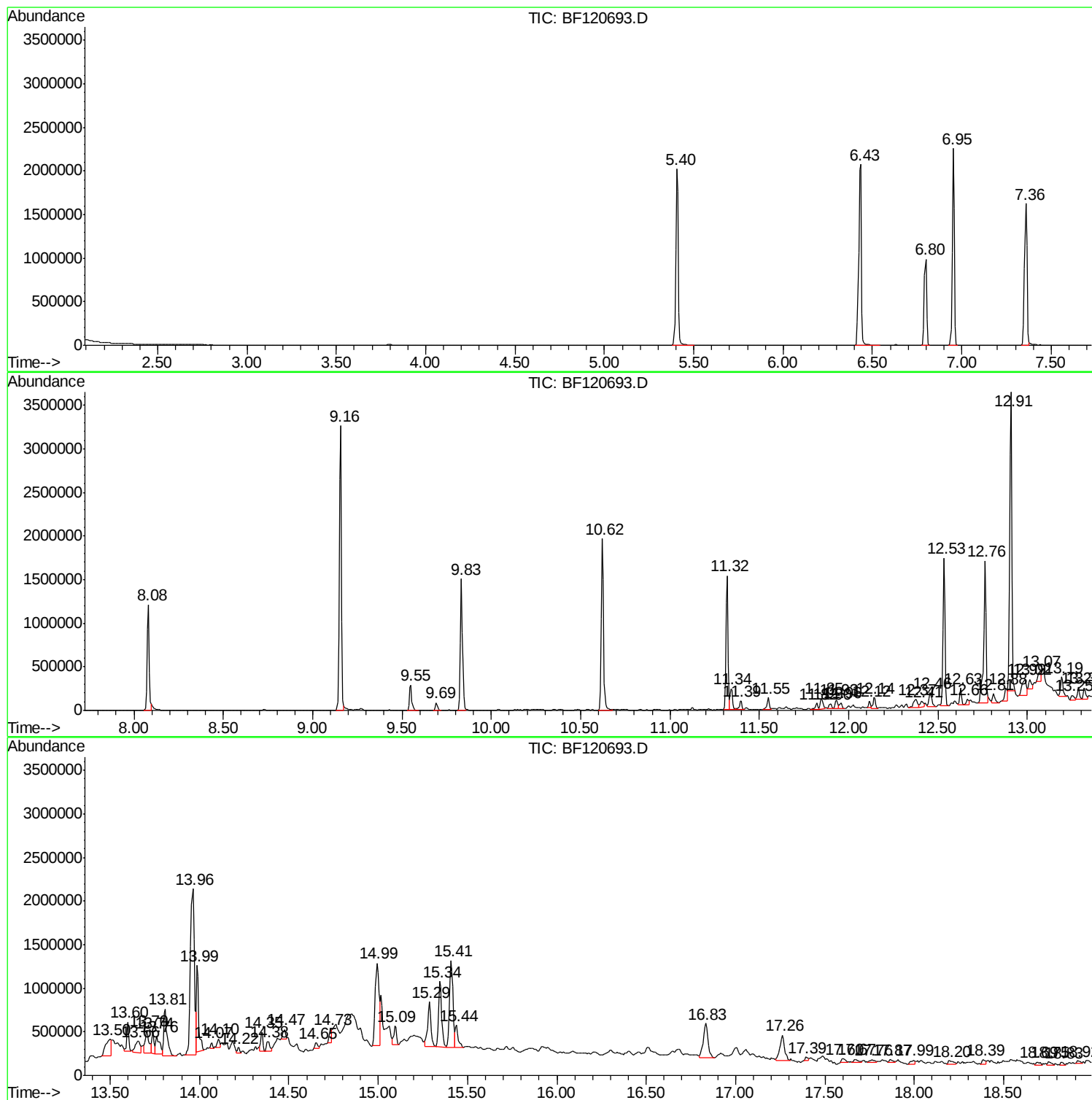
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Instrument :
BNA_F
ClientSampled :
SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.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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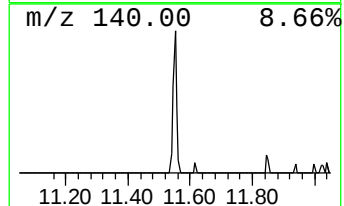
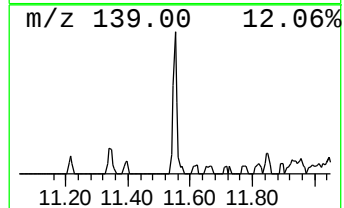
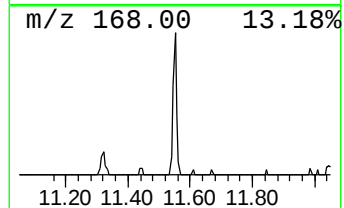
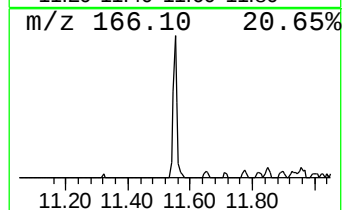
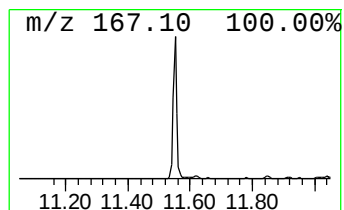
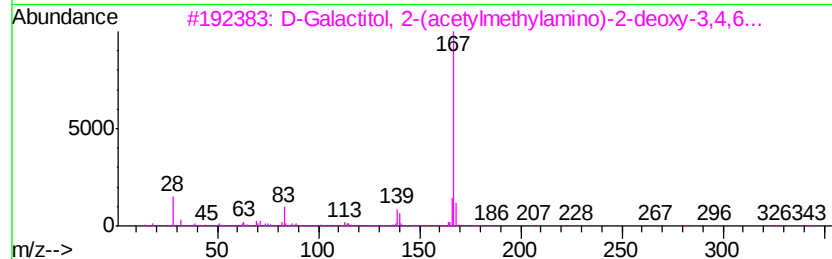
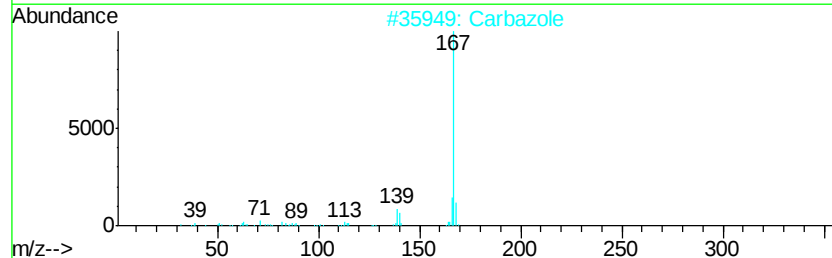
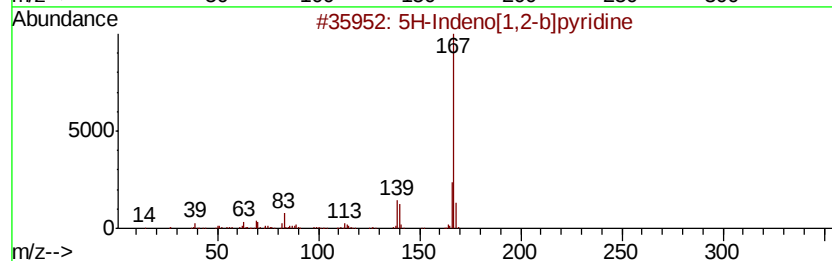
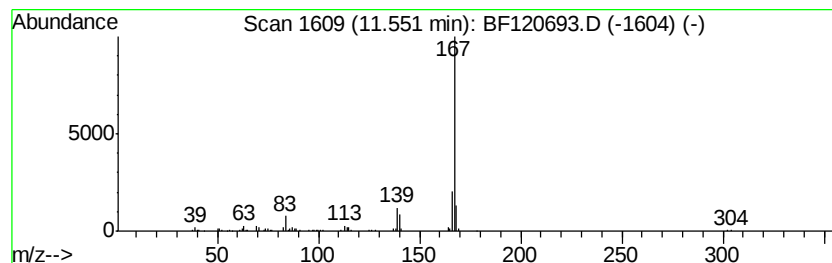
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	2.02 ng	134408	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2		Carbazole	167	C12H9N	000086-74-8	90
3		D-Galactitol, 2-(acetyl-methylamino)-2-deoxy-3,4,6...	363	C16H29N08	074410-42-7	87
4		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
5		1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	72



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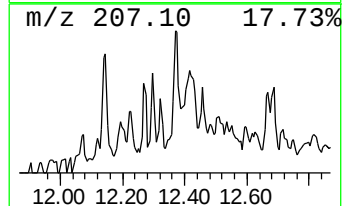
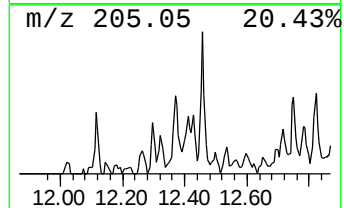
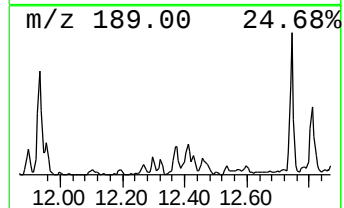
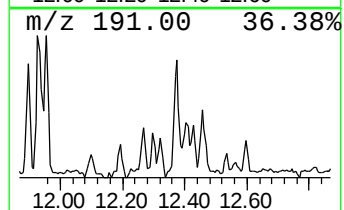
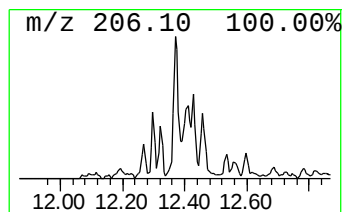
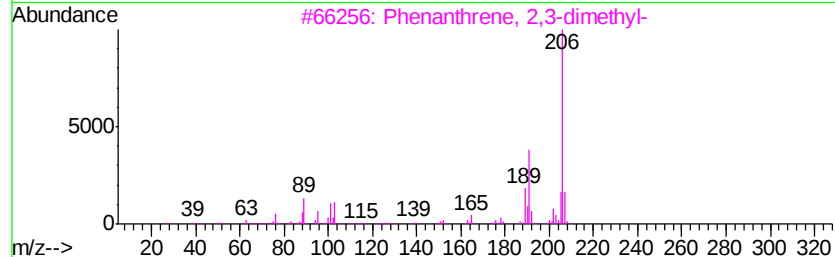
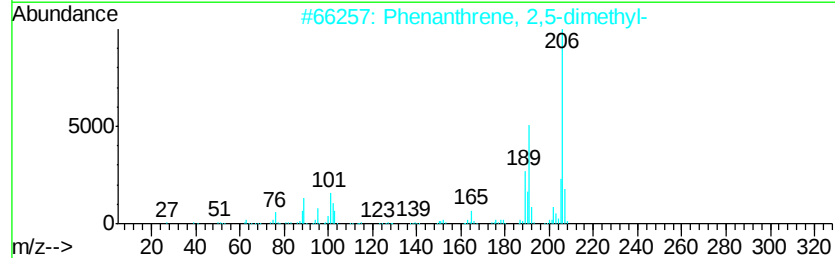
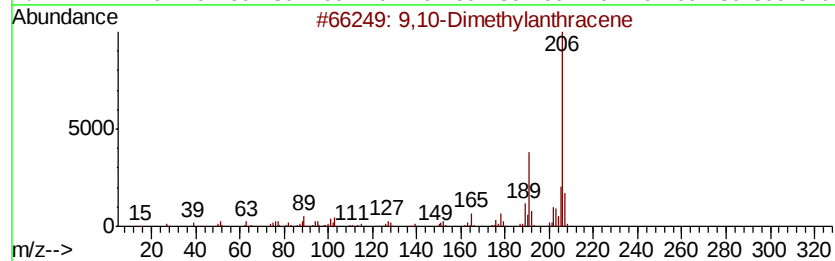
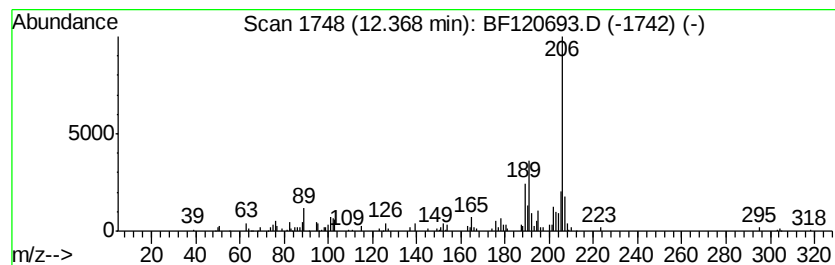
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	2.30 ng	152870	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene			206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-			206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-			206	C16H14	003674-65-5	90
4	di-p-Tolylacetylene			206	C16H14	002789-88-0	90
5	Anthracene, 1,4-dimethyl-			206	C16H14	000781-92-0	83



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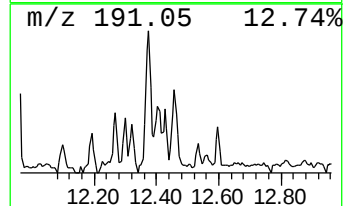
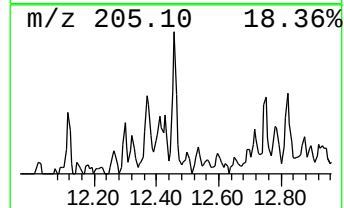
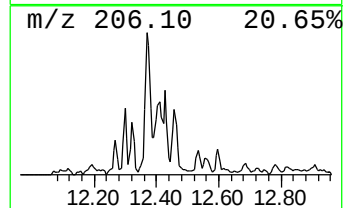
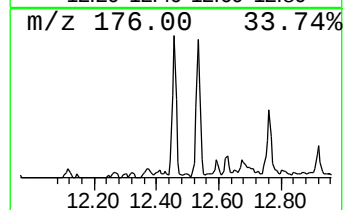
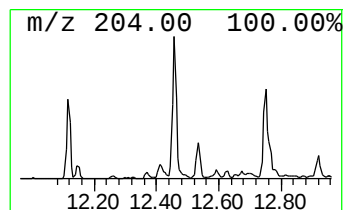
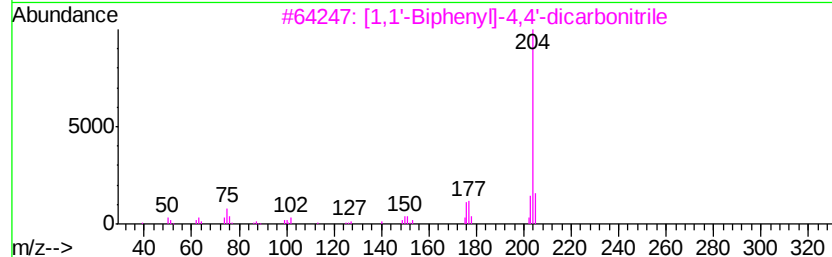
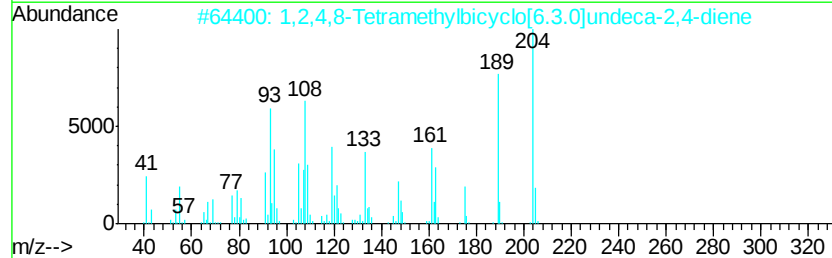
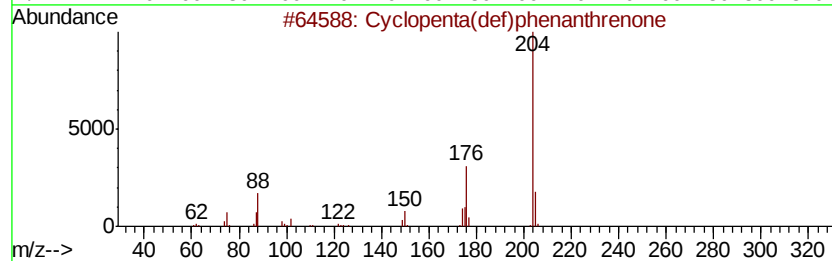
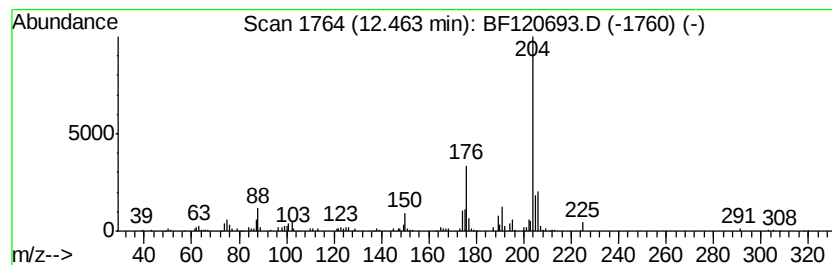
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	2.41 ng	160579	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	53
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	47



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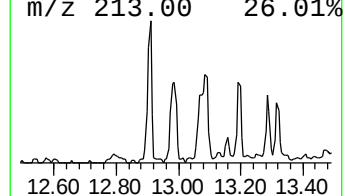
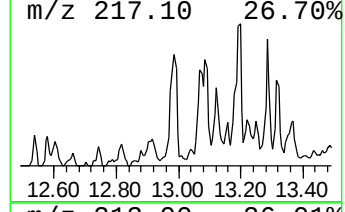
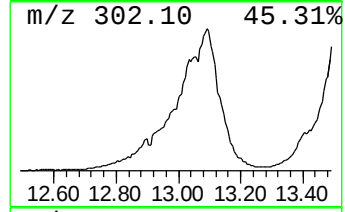
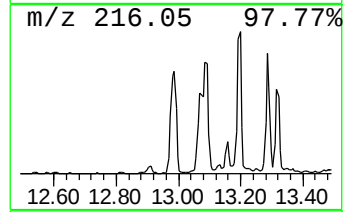
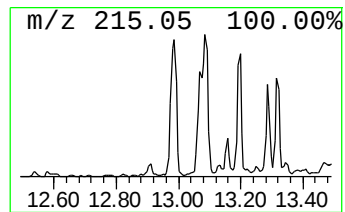
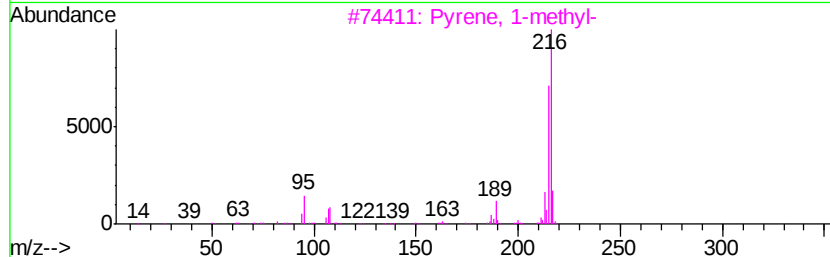
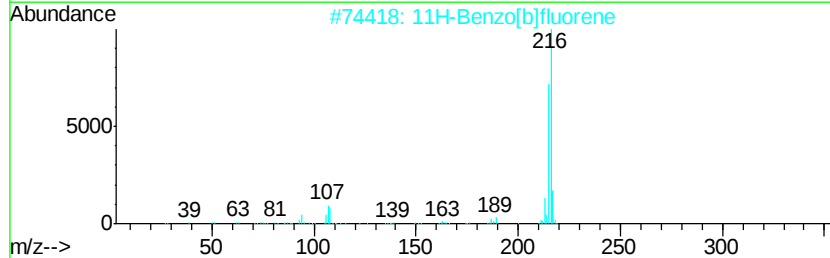
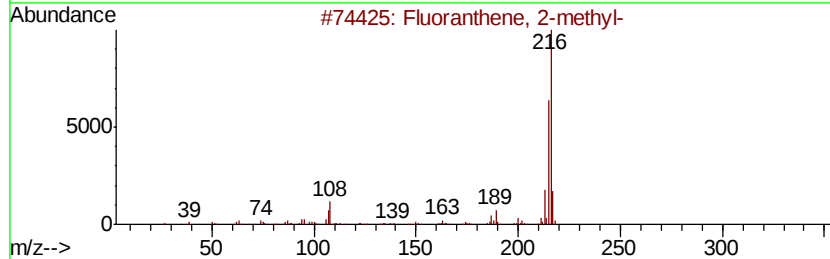
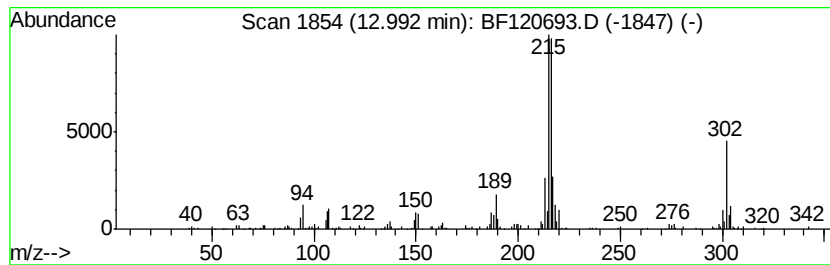
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ClientSampleId :
SB-12

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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 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	2.23 ng	314098	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120693.D
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Operator : JU/CG
Sample : L3082-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

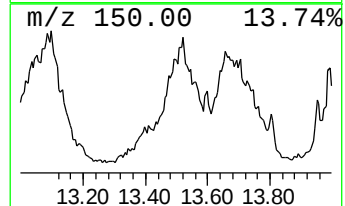
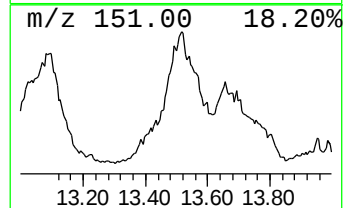
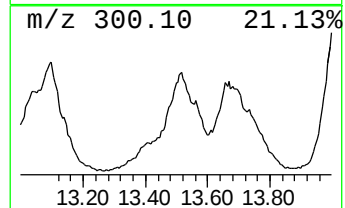
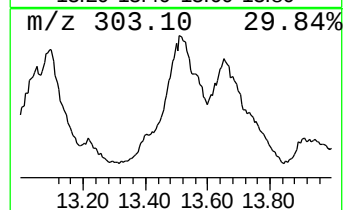
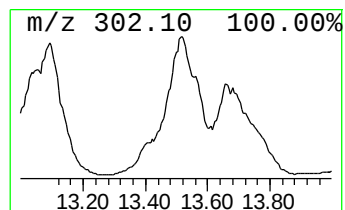
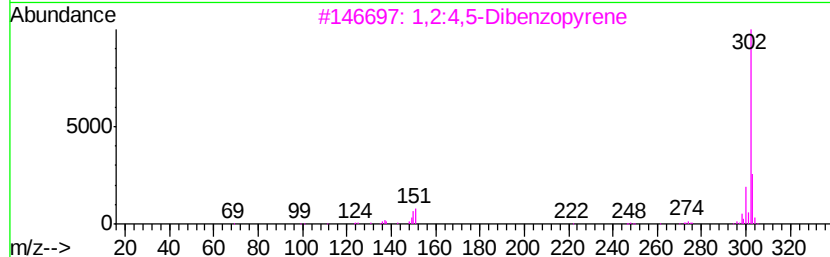
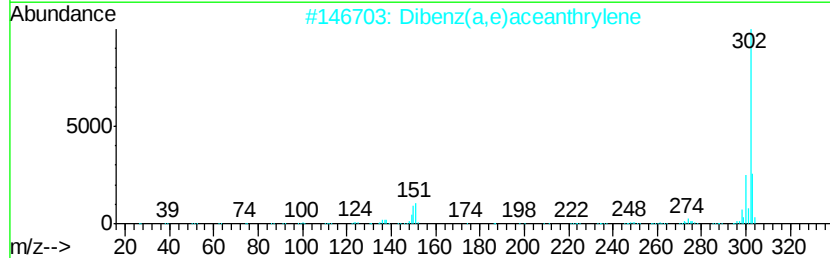
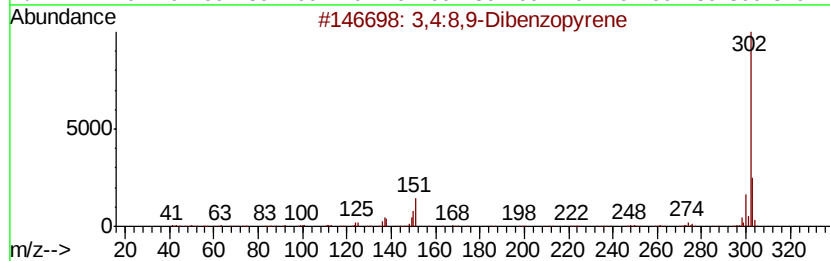
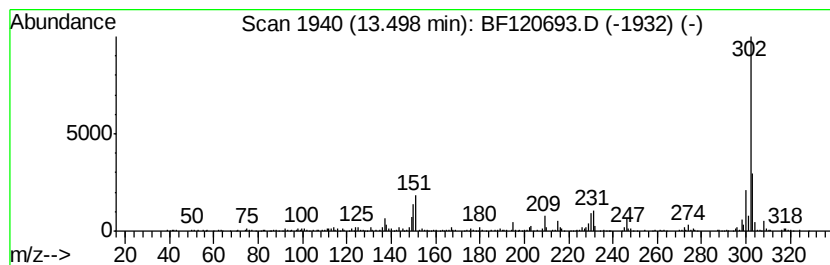
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 3,4:8,9-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.50	2.86 ng	404267	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
3	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
4	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	92
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120693.D
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Sample : L3082-11
Misc :
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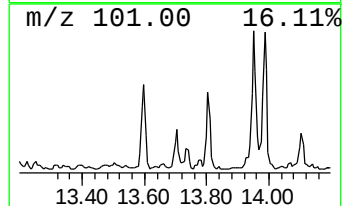
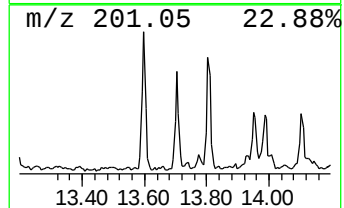
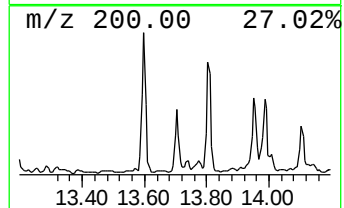
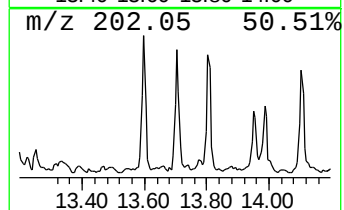
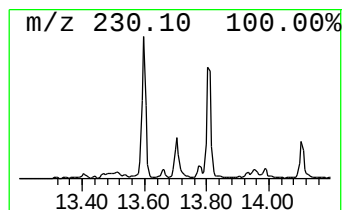
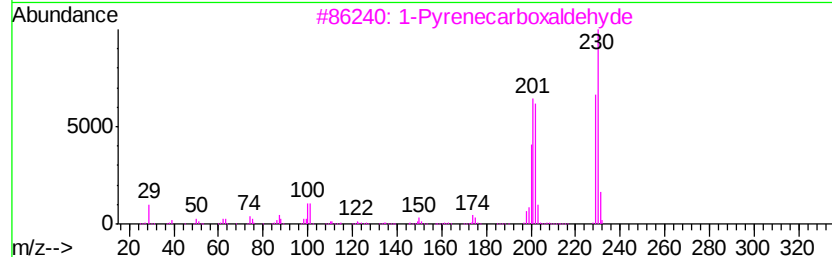
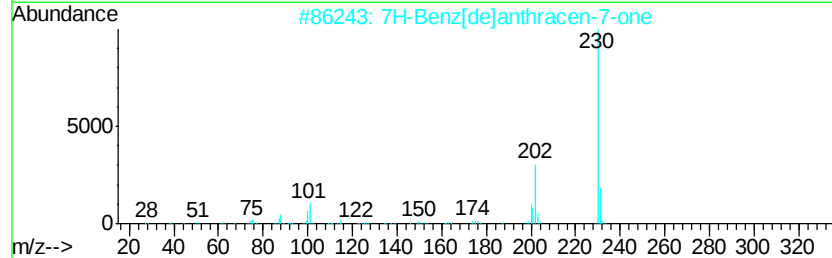
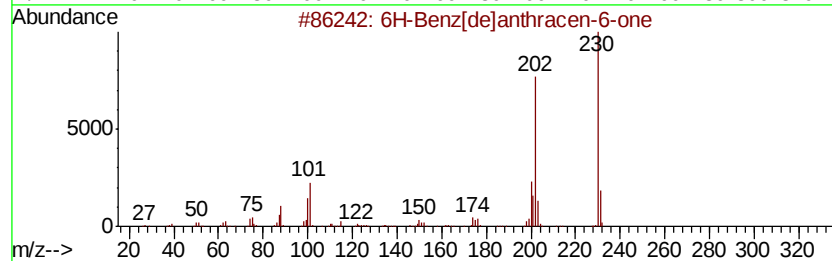
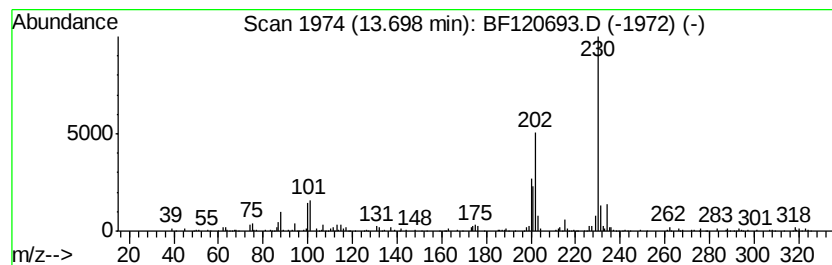
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 6H-Benz[de]anthracen-6-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.81 ng	397231	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	97
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	92
3		1-Pyrenecarboxaldehyd	230	C17H10O	003029-19-4	64
4		Pyrene	202	C16H10	000129-00-0	56
5		Fluoranthene	202	C16H10	000206-44-0	53



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Data File : BF120693.D
Acq On : 22 Jun 2020 23:34
Operator : JU/CG
Sample : L3082-11
Misc :
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ClientSampleId :
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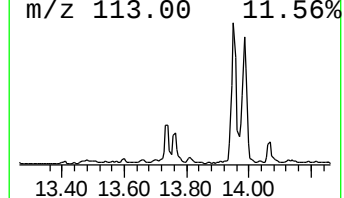
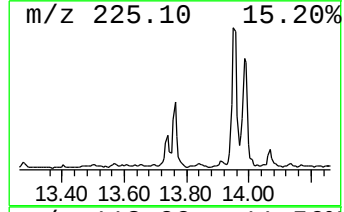
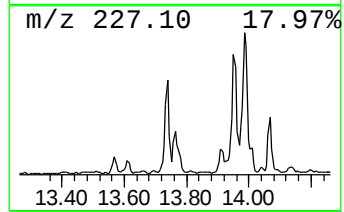
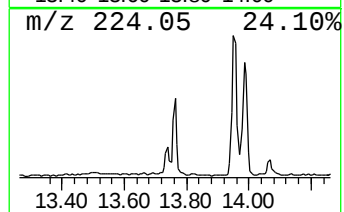
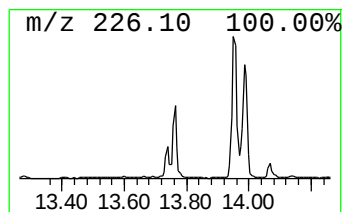
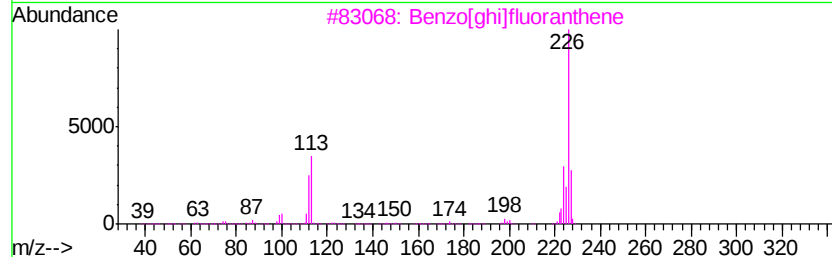
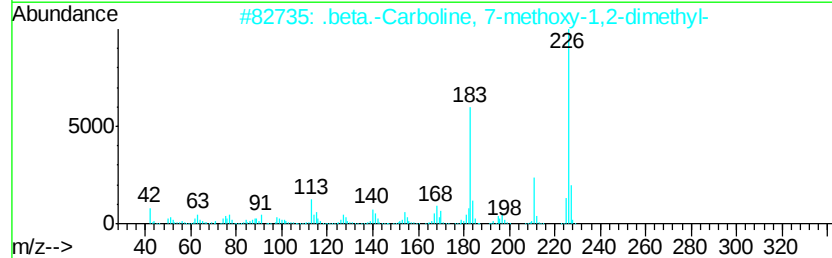
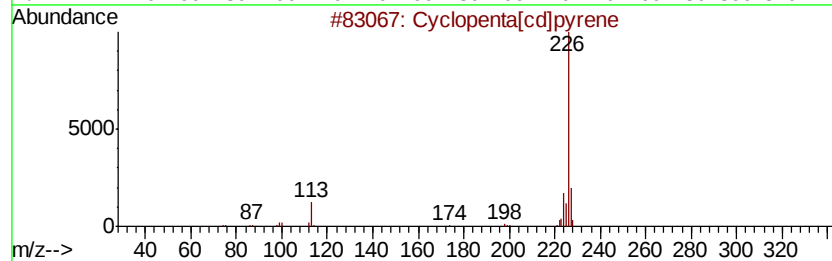
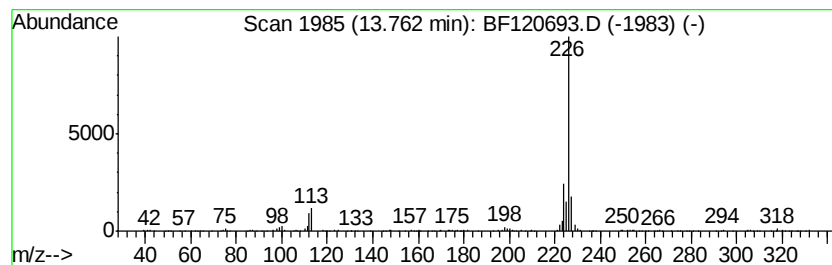
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.15 ng	303710	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
3		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	43
4		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	42
5		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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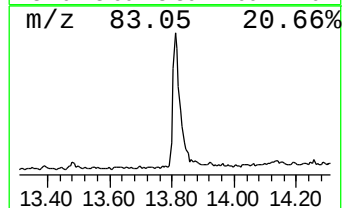
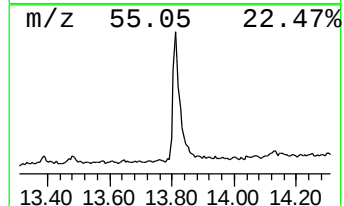
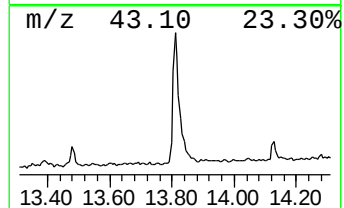
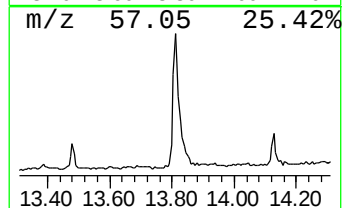
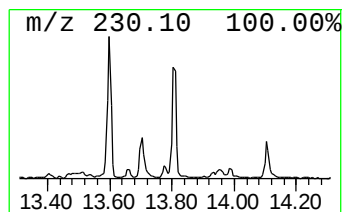
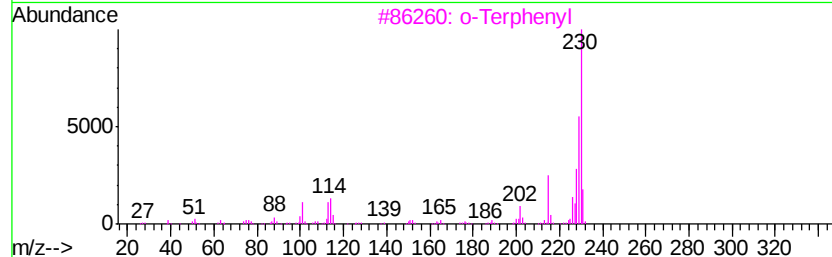
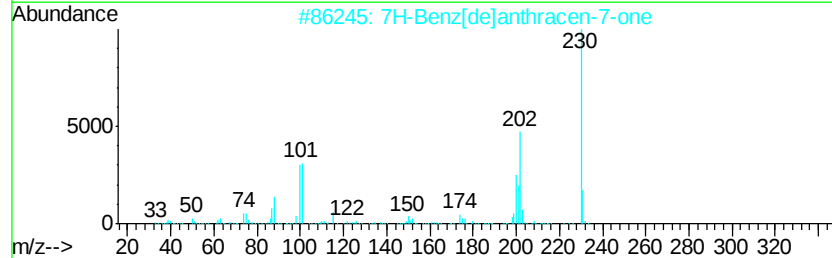
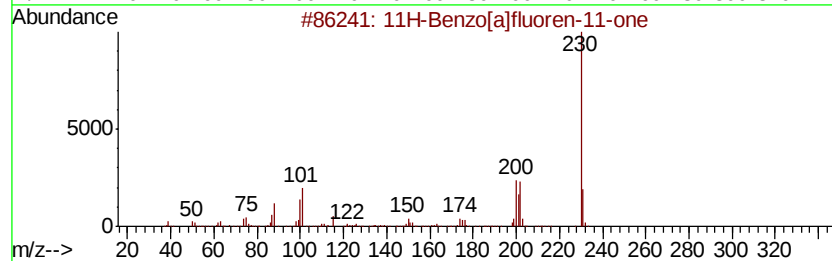
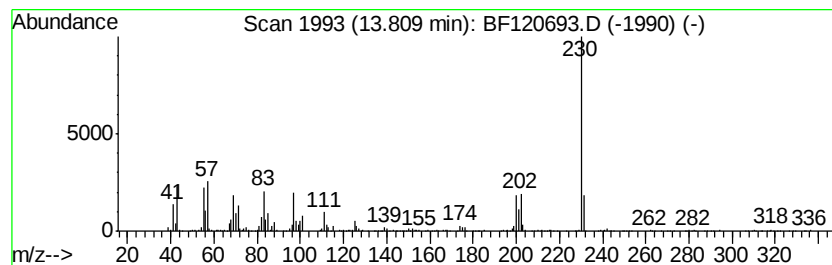
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.73 ng	667603	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3		o-Terphenyl	230	C18H14	000084-15-1	38
4		p-Terphenyl	230	C18H14	000092-94-4	38
5		Cyclohexanecarboxamide, N-[2-(2-...	321	C21H23NO2	1000319-71-0	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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Sample : L3082-11
Misc :
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ClientSampleId :
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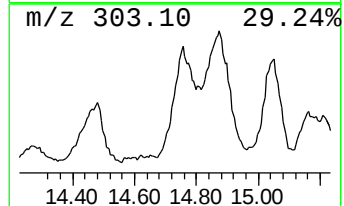
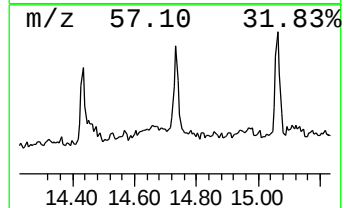
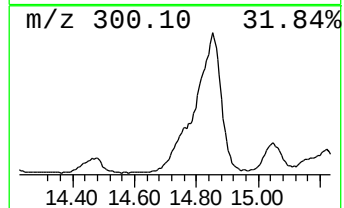
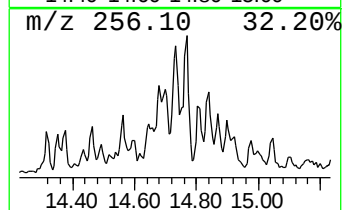
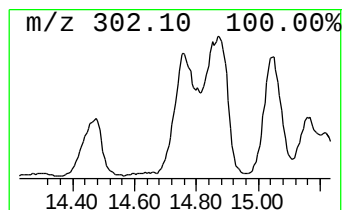
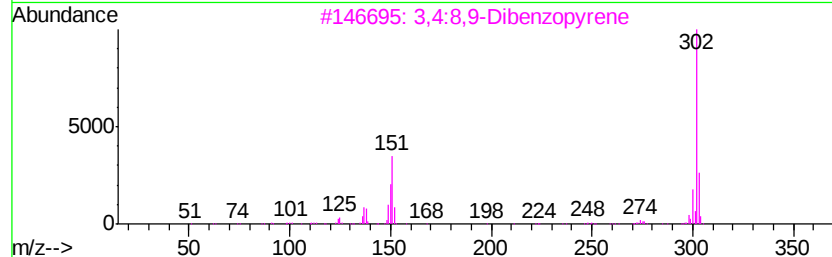
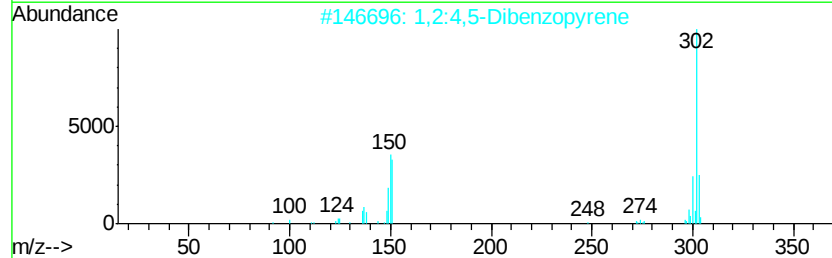
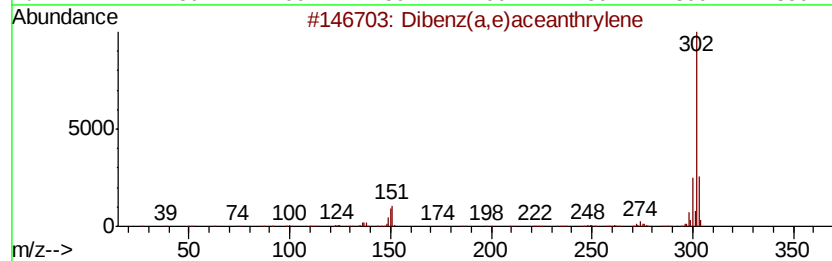
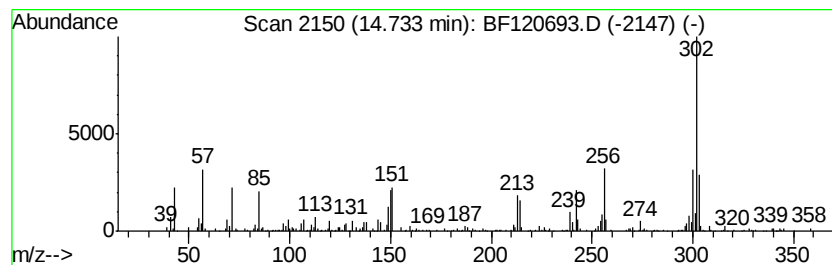
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	2.52 ng	152569	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	83
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	83
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	55
4		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	49
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
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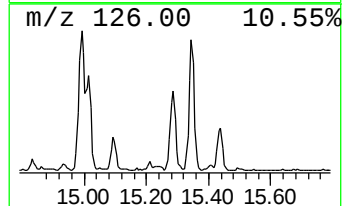
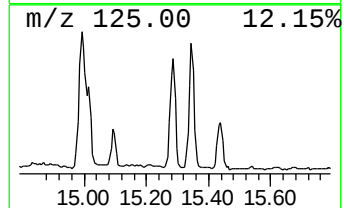
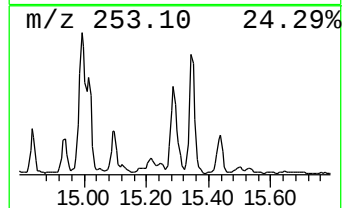
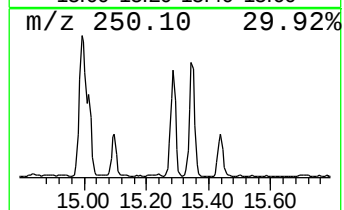
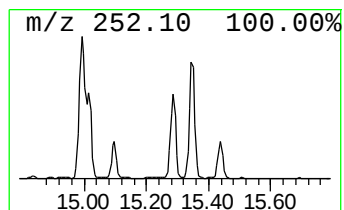
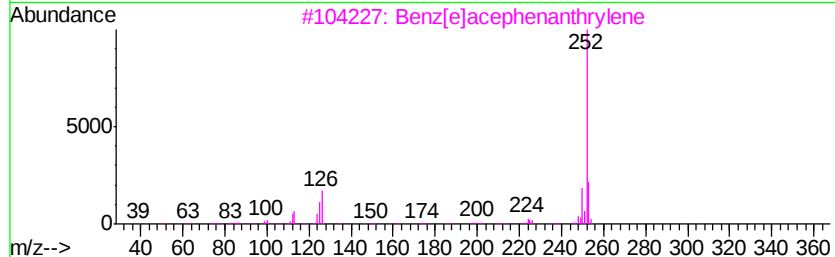
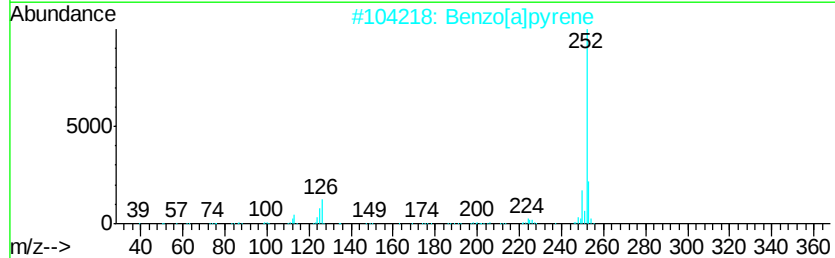
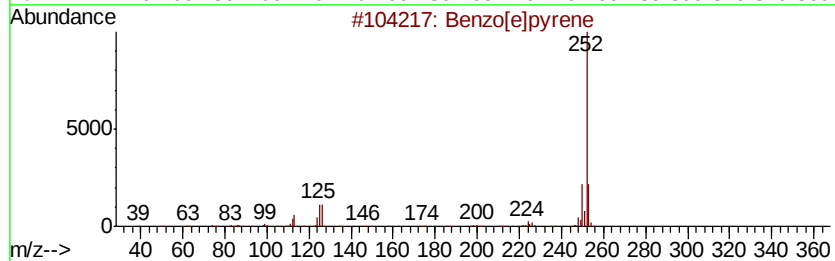
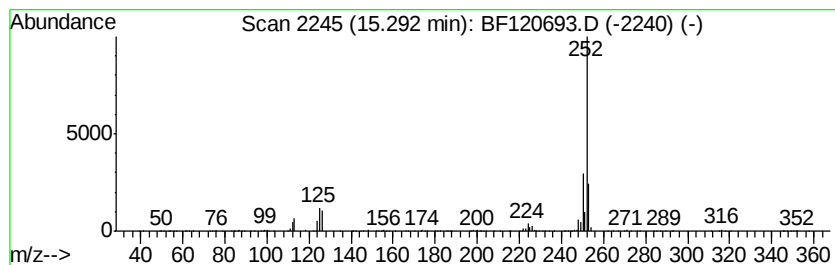
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	10.88 ng	659767	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062220\
Data File : BF120693.D
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Operator : JU/CG
Sample : L3082-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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
5H-Indeno[1,2-b]p...	11.55	2.0	ng	134408	4	11.32	1330840	20.0
9,10-Dimethylanth...	12.37	2.3	ng	152870	4	11.32	1330840	20.0
Cyclopenta(def)ph...	12.46	2.4	ng	160579	4	11.32	1330840	20.0
Fluoranthene, 2-m...	12.99	2.2	ng	314098	5	13.96	2822310	20.0
3,4:8,9-Dibenzopy...	13.50	2.9	ng	404267	5	13.96	2822310	20.0
6H-Benz[de]anthra...	13.70	2.8	ng	397231	5	13.96	2822310	20.0
Cyclopenta[cd]pyrene	13.76	2.1	ng	303710	5	13.96	2822310	20.0
11H-Benzo[a]fluor...	13.81	4.7	ng	667603	5	13.96	2822310	20.0
Dibenz(a,e)aceant...	14.73	2.5	ng	152569	6	15.41	1212930	20.0
Benzo[e]pyrene	15.29	10.9	ng	659767	6	15.41	1212930	20.0