

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
 Data File : BF120037.D
 Acq On : 16 Apr 2020 15:42
 Operator : MA/SJ
 Sample : L2230-55 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-3-4

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-BF040820.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	3.675	260	270	276	rBV	30364	49359	2.59%	0.163%
2	5.292	539	545	546	rBV	51289	51498	2.70%	0.170%
3	5.322	546	550	558	rVB	842154	758563	39.74%	2.498%
4	5.551	586	589	594	rVB2	38794	41143	2.16%	0.135%
5	6.351	722	725	733	rBV	791259	768875	40.28%	2.532%
6	6.551	756	759	765	rBV3	62048	93374	4.89%	0.307%
7	6.722	785	788	795	rVB	976742	772648	40.48%	2.544%
8	6.881	811	815	817	rBV	733274	640641	33.56%	2.110%
9	6.986	830	833	835	rBV	43968	46314	2.43%	0.153%
10	7.133	852	858	866	rBV	80137	104283	5.46%	0.343%
11	7.281	880	883	887	rVV	535318	477445	25.01%	1.572%
12	7.328	889	891	895	rVB	47305	37884	1.98%	0.125%
13	7.757	957	964	967	rBV3	112584	119955	6.28%	0.395%
14	8.010	1003	1007	1009	rBV	1227911	1021539	53.52%	3.364%
15	8.028	1009	1010	1014	rVB	237146	174785	9.16%	0.576%
16	8.722	1122	1128	1132	rBV	106734	98137	5.14%	0.323%
17	8.822	1142	1145	1149	rVB	80125	59731	3.13%	0.197%
18	9.086	1186	1190	1193	rBV	1290336	952849	49.92%	3.138%
19	9.175	1202	1205	1210	rBV3	37523	52981	2.78%	0.174%
20	9.292	1221	1225	1229	rVB2	34536	40745	2.13%	0.134%
21	9.345	1229	1234	1239	rBV3	44432	75377	3.95%	0.248%
22	9.422	1245	1247	1250	rBV	65797	64013	3.35%	0.211%
23	9.451	1250	1252	1254	rVV	58538	40948	2.15%	0.135%
24	9.486	1254	1258	1262	rVV	138111	149048	7.81%	0.491%
25	9.539	1264	1267	1272	rVB2	35373	41992	2.20%	0.138%
26	9.627	1279	1282	1285	rVB	77278	72867	3.82%	0.240%
27	9.763	1299	1305	1309	rBV	1194496	1126840	59.03%	3.711%
28	9.798	1309	1311	1314	rVB	120437	100738	5.28%	0.332%
29	9.969	1337	1340	1344	rVB	112592	95660	5.01%	0.315%
30	10.086	1356	1360	1362	rBV	34929	39996	2.10%	0.132%
31	10.174	1371	1375	1379	rVV2	48637	78513	4.11%	0.259%
32	10.251	1385	1388	1392	rVV4	33076	51940	2.72%	0.171%
33	10.310	1395	1398	1404	rVV2	178349	170589	8.94%	0.562%
34	10.380	1404	1410	1411	rVV	37868	47223	2.47%	0.156%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
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35	10.427	1415	1418	1422	rVV3	56400	68912	3.61%	0.227%
36	10.469	1422	1425	1430	rVB2	57791	63817	3.34%	0.210%
37	10.551	1435	1439	1443	rVV	560489	497900	26.08%	1.640%
38	10.680	1458	1461	1466	rBV2	75416	113634	5.95%	0.374%
39	10.863	1486	1492	1494	rBV3	59563	89212	4.67%	0.294%
40	10.986	1509	1513	1515	rBV4	43025	59827	3.13%	0.197%
41	11.016	1515	1518	1520	rVV4	48692	59680	3.13%	0.197%
42	11.057	1523	1525	1529	rVV2	49408	57122	2.99%	0.188%
43	11.104	1530	1533	1535	rVV2	52702	67159	3.52%	0.221%
44	11.151	1539	1541	1546	rVB2	85510	112613	5.90%	0.371%
45	11.251	1555	1558	1560	rBV	1111853	911075	47.73%	3.000%
46	11.274	1560	1562	1566	rVV	1206226	942754	49.39%	3.104%
47	11.327	1567	1571	1574	rVB	339801	287983	15.09%	0.948%
48	11.363	1574	1577	1580	rBV2	62323	70011	3.67%	0.231%
49	11.480	1593	1597	1600	rBV2	80220	98966	5.18%	0.326%
50	11.516	1600	1603	1606	rVB3	45172	67515	3.54%	0.222%
51	11.551	1606	1609	1612	rBV2	86574	78304	4.10%	0.258%
52	11.586	1612	1615	1617	rVV	44257	37594	1.97%	0.124%
53	11.645	1622	1625	1627	rBV2	46621	47210	2.47%	0.155%
54	11.751	1640	1643	1646	rBV	191548	201492	10.56%	0.663%
55	11.786	1646	1649	1654	rVV2	439001	478723	25.08%	1.576%
56	11.827	1654	1656	1660	rVV	147628	197888	10.37%	0.652%
57	11.863	1660	1662	1664	rVV	321365	339888	17.81%	1.119%
58	11.886	1664	1666	1671	rVB2	239007	260798	13.66%	0.859%
59	11.998	1682	1685	1689	rVB3	301527	287271	15.05%	0.946%
60	12.039	1689	1692	1696	rBV3	208075	282012	14.77%	0.929%
61	12.110	1702	1704	1710	rVB5	98537	118887	6.23%	0.391%
62	12.204	1716	1720	1723	rBV	2028515	1908774	100.00%	6.285%
63	12.286	1731	1734	1736	rBV	180248	187771	9.84%	0.618%
64	12.310	1736	1738	1742	rVV3	132593	191036	10.01%	0.629%
65	12.363	1746	1747	1749	rVB	164890	95961	5.03%	0.316%
66	12.392	1749	1752	1753	rBV2	59351	45451	2.38%	0.150%
67	12.468	1761	1765	1768	rBV	1630912	1351747	70.82%	4.451%
68	12.510	1768	1772	1779	rVB	857631	863435	45.24%	2.843%
69	12.574	1779	1783	1788	rBV4	162382	234975	12.31%	0.774%
70	12.692	1798	1803	1806	rBV	1157466	1313292	68.80%	4.325%
71	12.721	1806	1808	1811	rVV3	87412	93134	4.88%	0.307%

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72	12.757	1811	1814	1817	rVB2	127226	126733	6.64%	0.417%
73	12.810	1820	1823	1825	rVV2	176765	158503	8.30%	0.522%
74	12.839	1825	1828	1835	rVB	845574	793606	41.58%	2.613%
75	12.980	1848	1852	1854	rBV	452432	409347	21.45%	1.348%
76	13.021	1857	1859	1862	rVB	249238	212686	11.14%	0.700%
77	13.086	1866	1870	1873	rBV2	219929	242899	12.73%	0.800%
78	13.127	1873	1877	1884	rVB3	258982	340376	17.83%	1.121%
79	13.215	1890	1892	1896	rBV2	115020	123328	6.46%	0.406%
80	13.251	1896	1898	1902	rVB2	115780	121271	6.35%	0.399%
81	13.310	1905	1908	1910	rVB	159165	128432	6.73%	0.423%
82	13.427	1925	1928	1930	rBV2	93914	87402	4.58%	0.288%
83	13.492	1936	1939	1943	rBV	163744	186270	9.76%	0.613%
84	13.580	1951	1954	1960	rBV	459731	503576	26.38%	1.658%
85	13.674	1967	1970	1972	rBV2	364202	354725	18.58%	1.168%
86	13.698	1972	1974	1979	rVB2	380483	354810	18.59%	1.168%
87	13.892	2002	2007	2010	rBV2	1063372	1505744	78.89%	4.958%
88	13.921	2010	2012	2017	rVB	663359	532694	27.91%	1.754%
89	13.998	2023	2025	2028	rVB	100123	74270	3.89%	0.245%
90	14.280	2071	2073	2076	rVB	145577	118302	6.20%	0.390%
91	14.374	2087	2089	2092	rVB2	134893	101513	5.32%	0.334%
92	14.915	2177	2181	2184	rBV	466497	723863	37.92%	2.384%
93	15.204	2226	2230	2235	rVB	273645	340002	17.81%	1.120%
94	15.262	2236	2240	2245	rVV	410807	517431	27.11%	1.704%
95	15.321	2246	2250	2253	rVV	508055	629753	32.99%	2.074%
96	15.351	2253	2255	2261	rVB3	168933	224141	11.74%	0.738%
97	16.709	2481	2486	2496	rVB2	182141	328703	17.22%	1.082%
98	17.121	2551	2556	2562	rVB	91218	178674	9.36%	0.588%
99	17.645	2641	2645	2649	rBV6	43862	94145	4.93%	0.310%
100	18.245	2743	2747	2756	rBV6	43709	152660	8.00%	0.503%

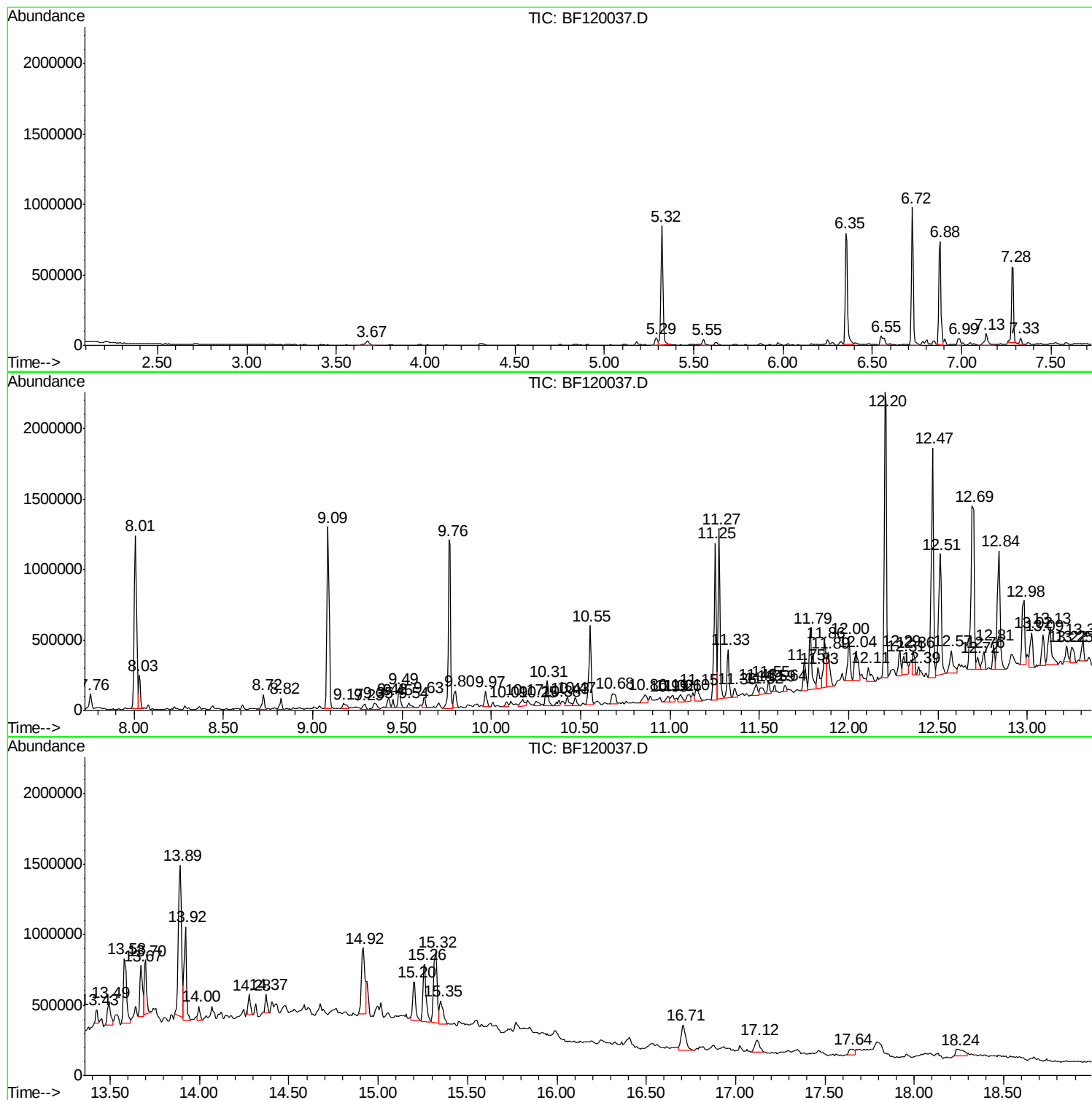
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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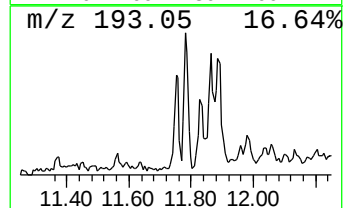
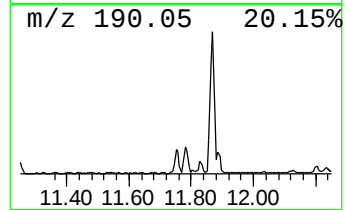
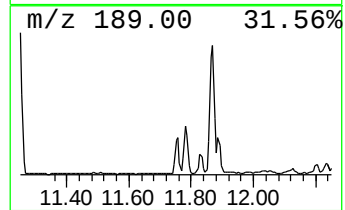
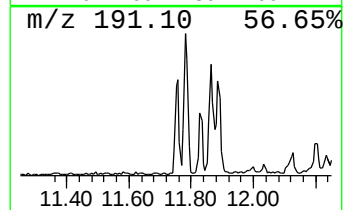
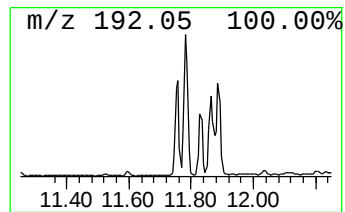
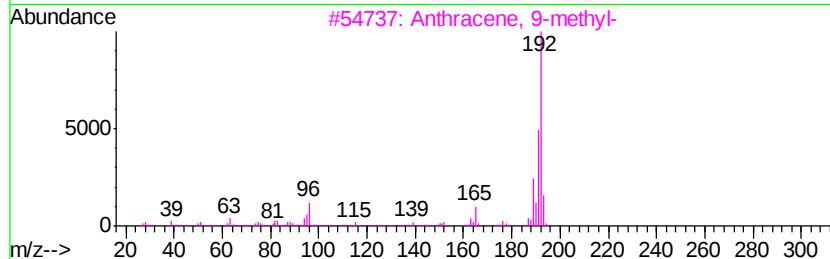
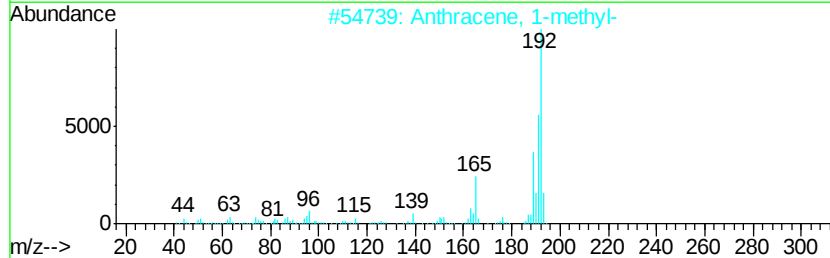
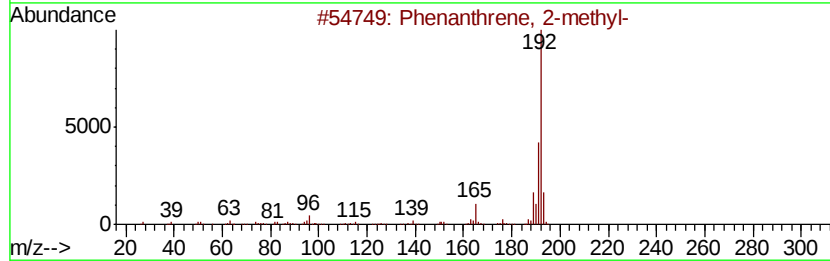
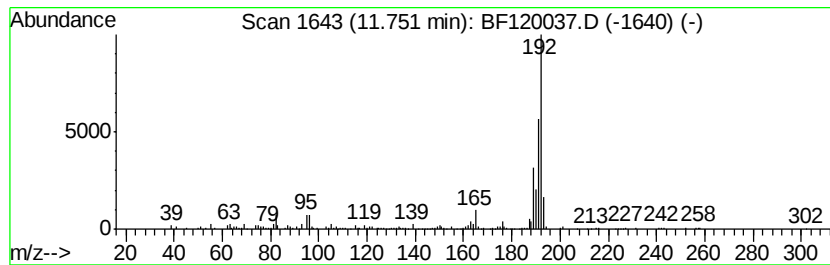
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.42 ng	201492	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



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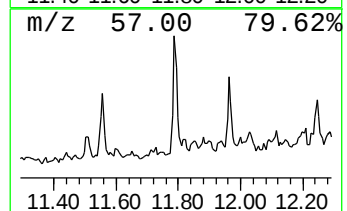
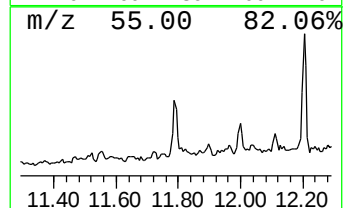
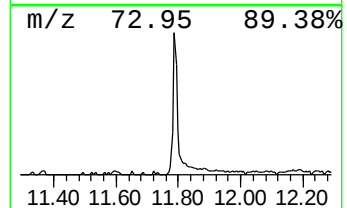
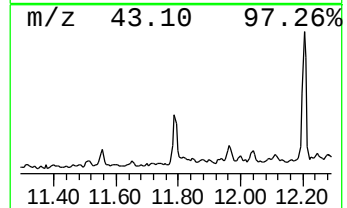
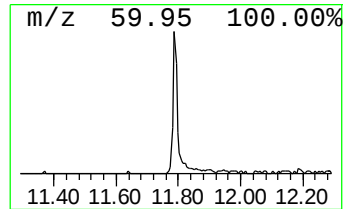
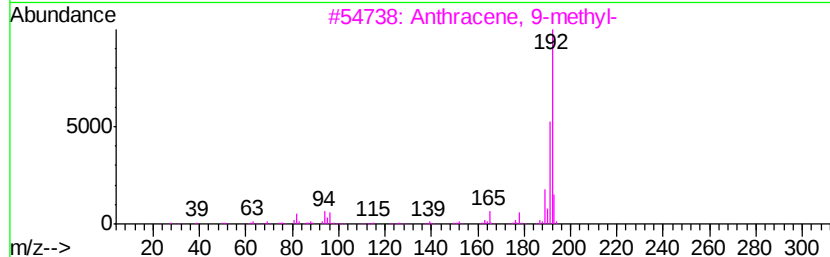
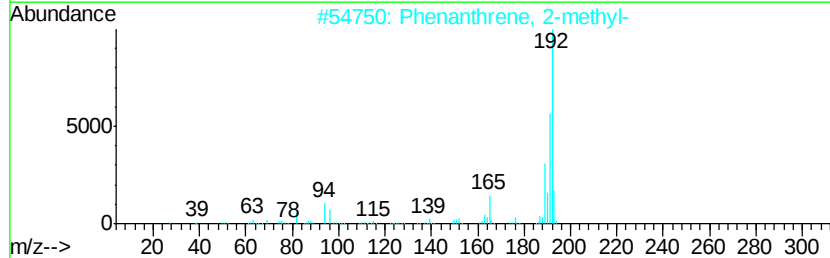
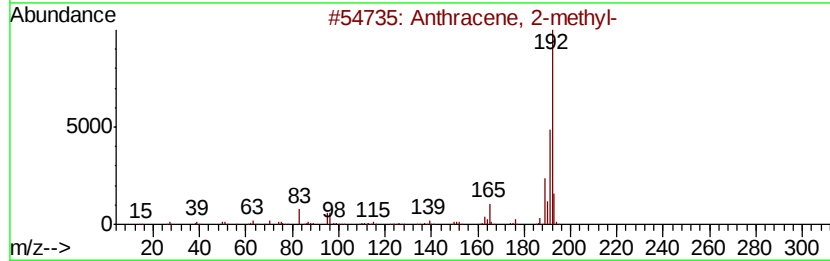
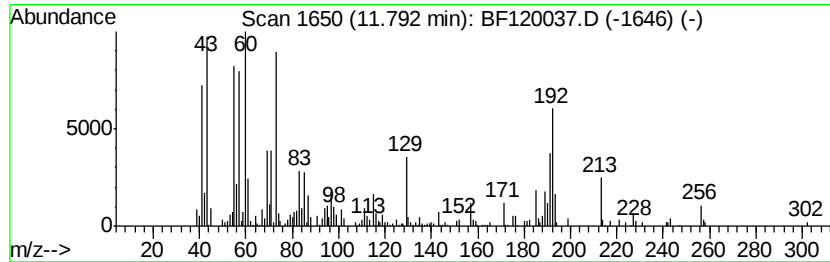
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	10.51 ng	478723	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	83



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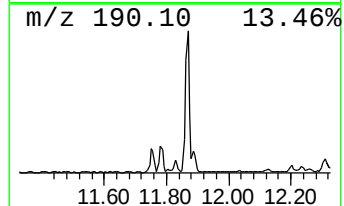
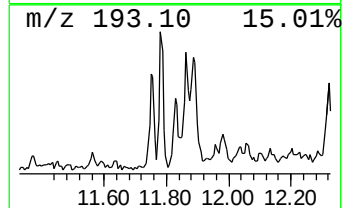
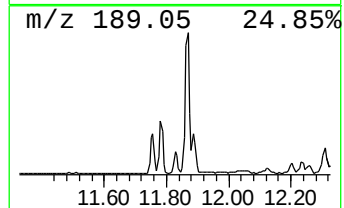
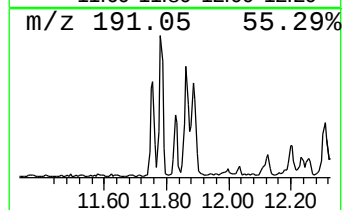
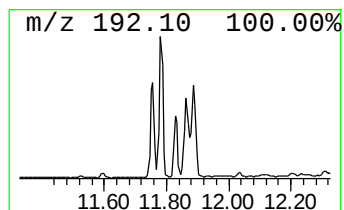
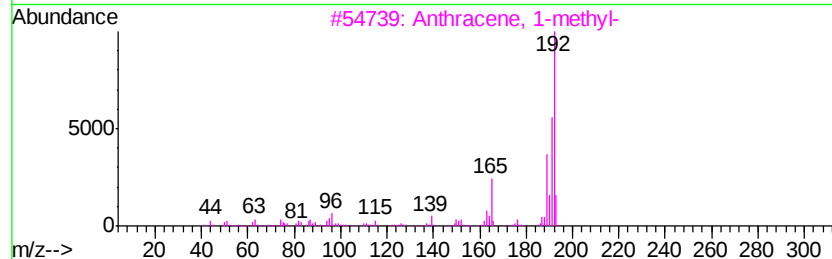
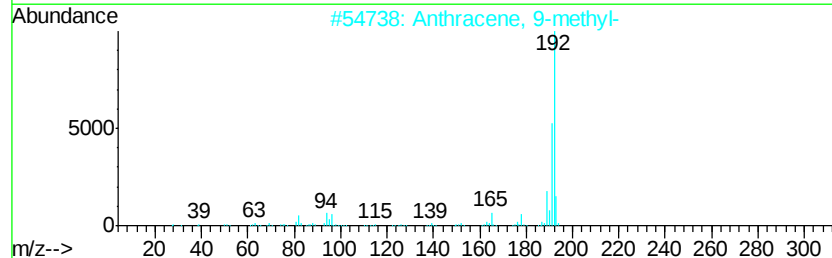
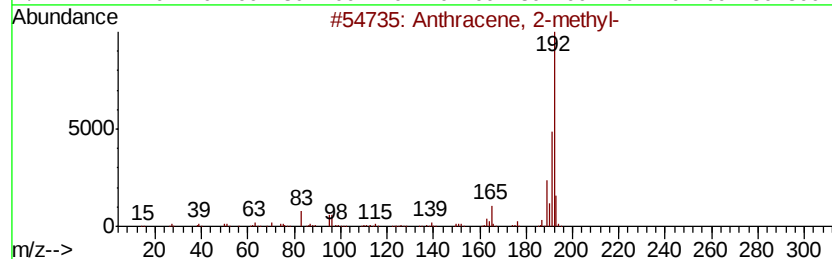
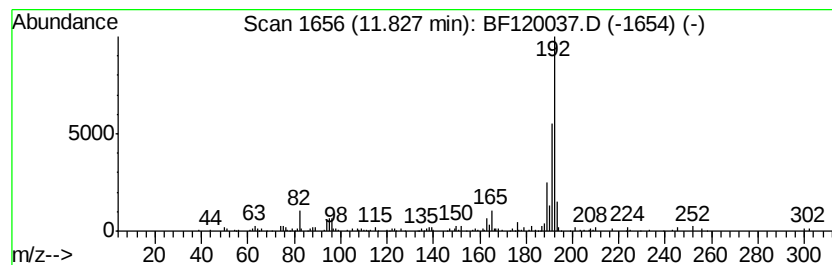
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Peak Number 4 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.34 ng	197888	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

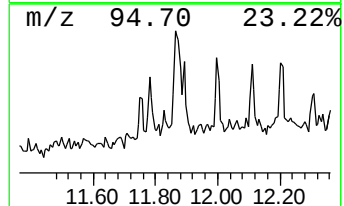
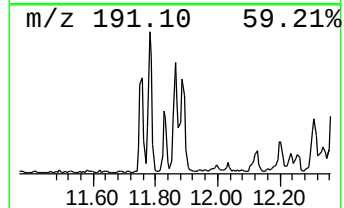
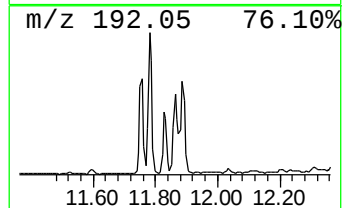
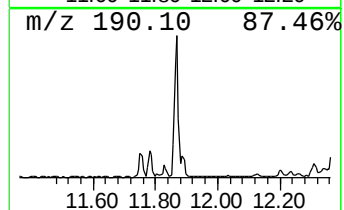
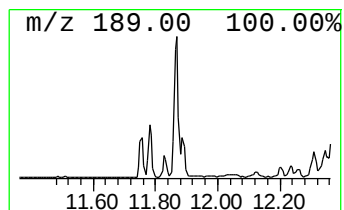
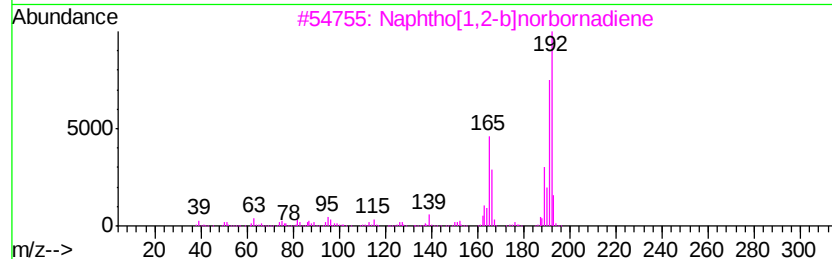
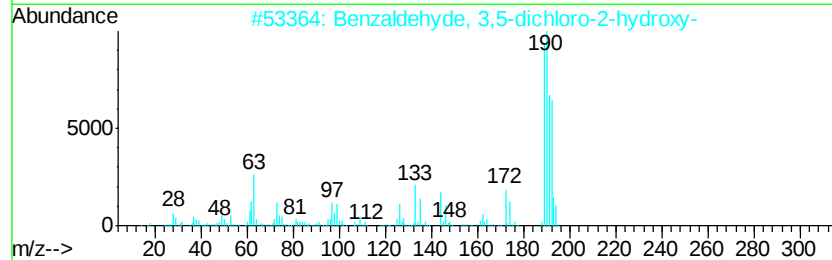
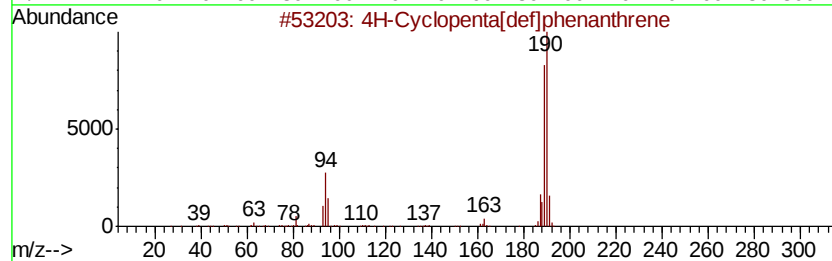
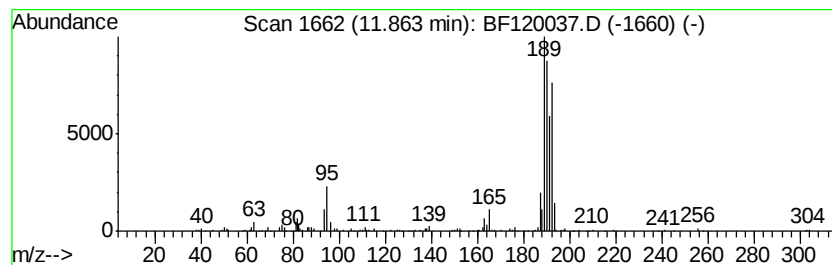
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ClientSampleId :
TP-2-3-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	7.46 ng	339888	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120037.D
 Acq On : 16 Apr 2020 15:42
 Operator : MA/SJ
 Sample : L2230-55 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

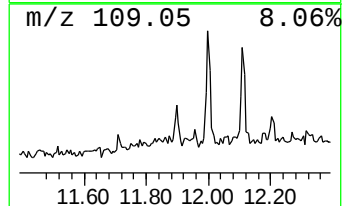
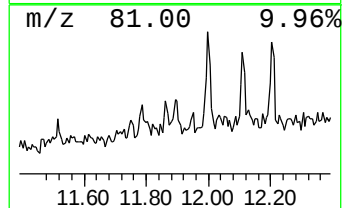
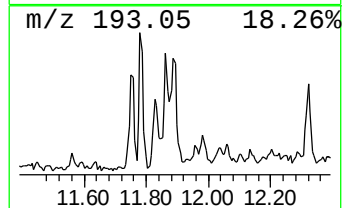
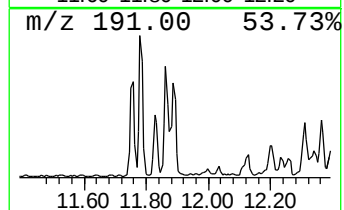
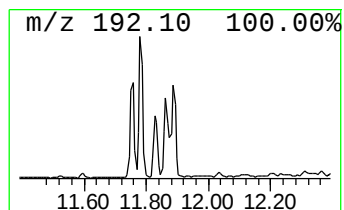
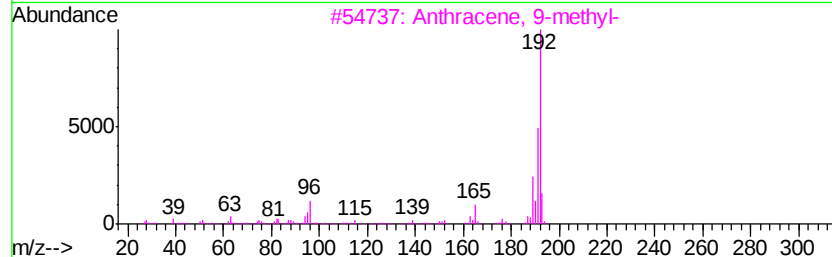
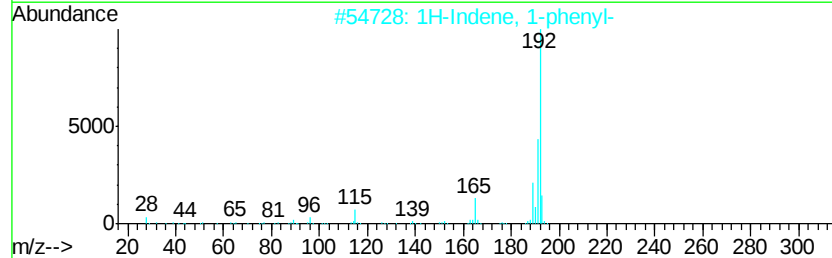
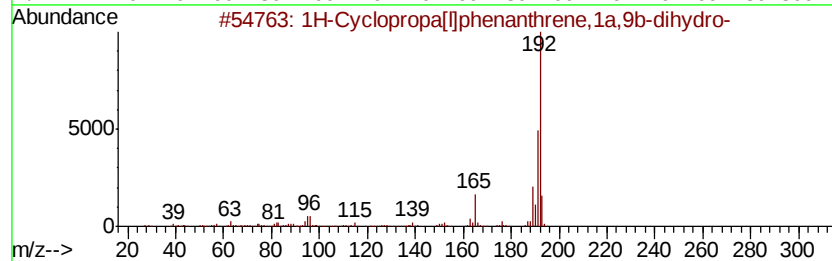
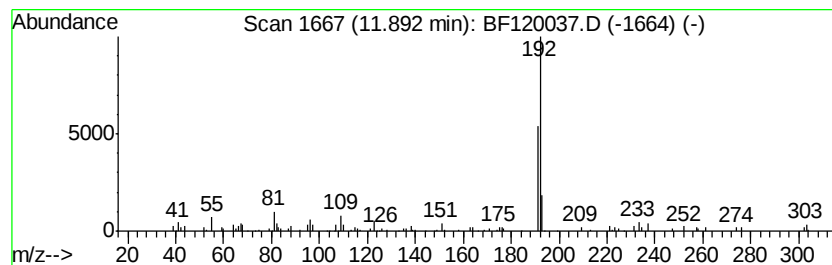
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.89	5.73 ng	260798	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3-4

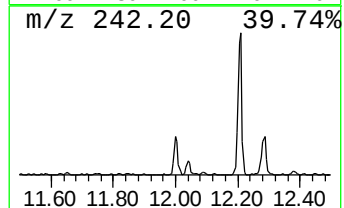
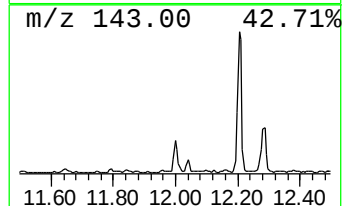
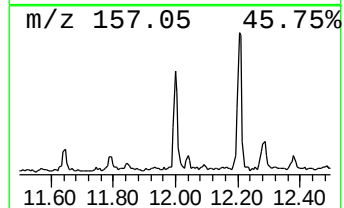
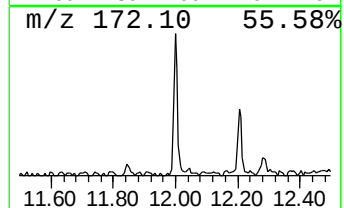
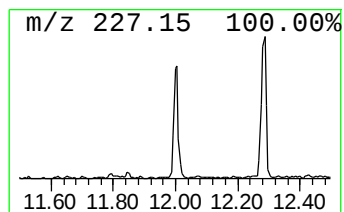
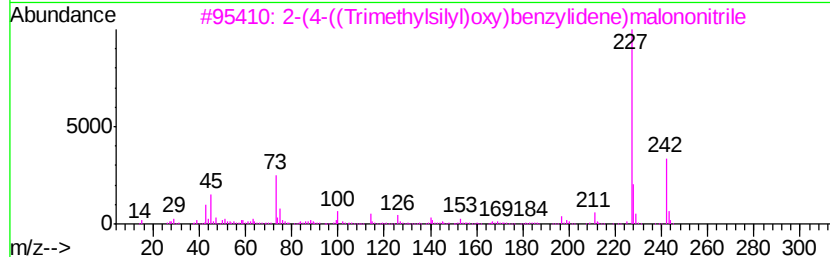
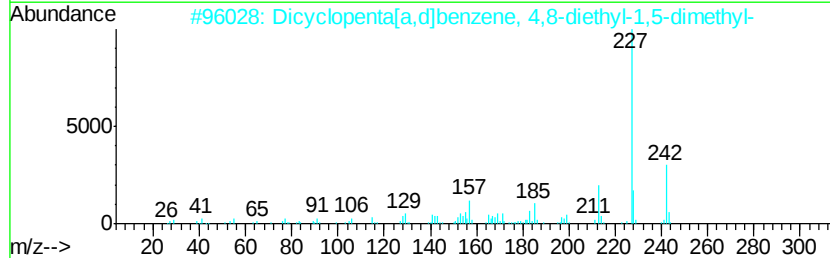
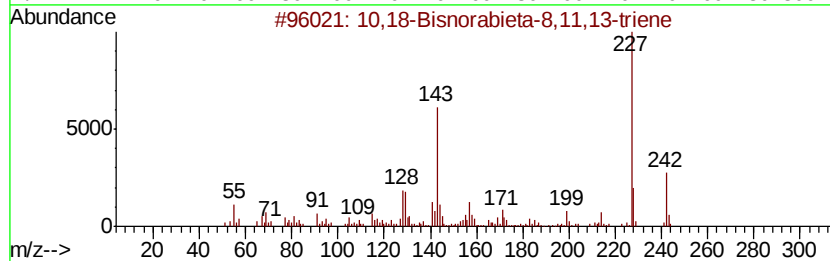
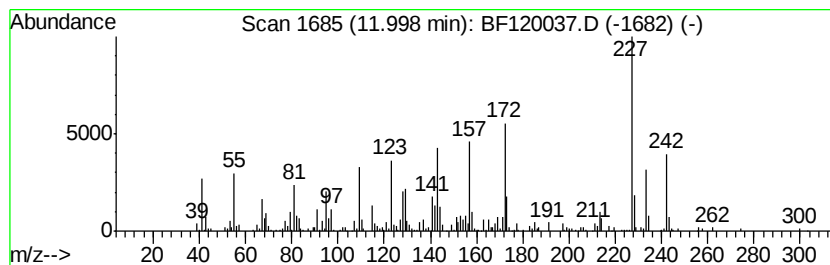
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.31 ng	287271	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	43		
2	Dicvclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	38		
3	2-(4-((Trimethylsilyl)oxy)benzyl...	242	C13H14N2OSi	1000297-99-1	25		
4	3-Chloro-5,5-dimethylcvclohex-2-...	215	C9H14ClN3O	1000185-25-7	25		
5	7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	22		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3-4

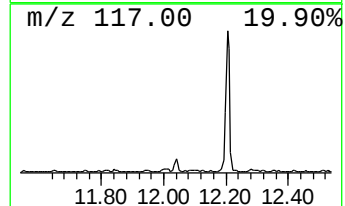
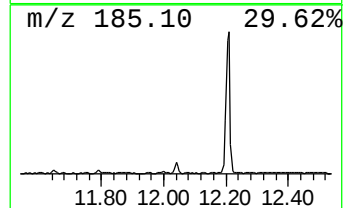
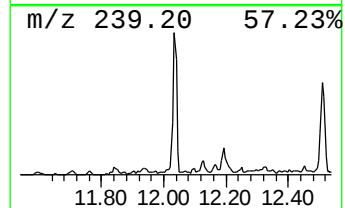
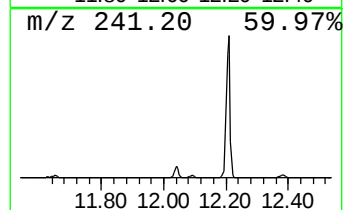
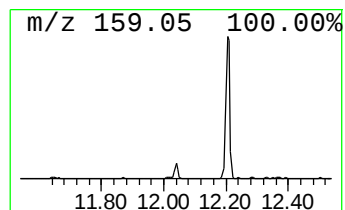
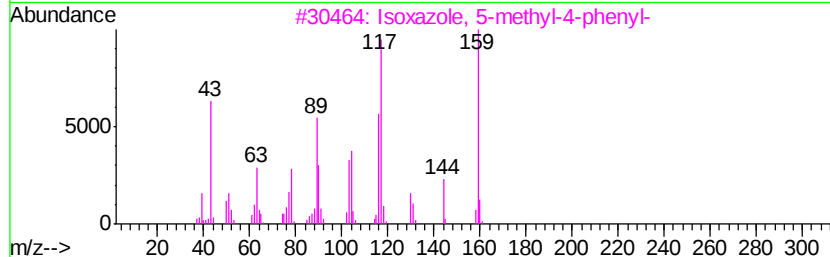
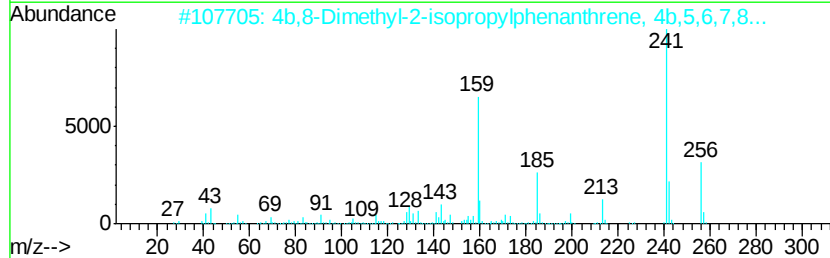
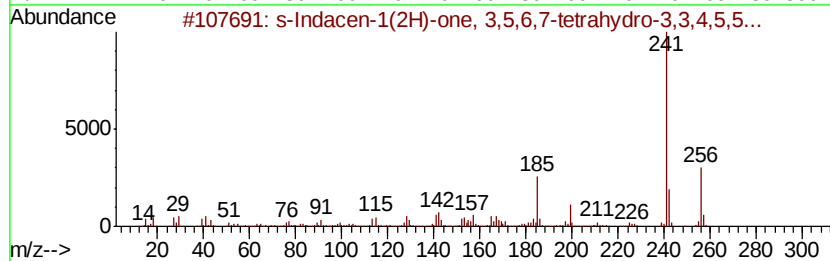
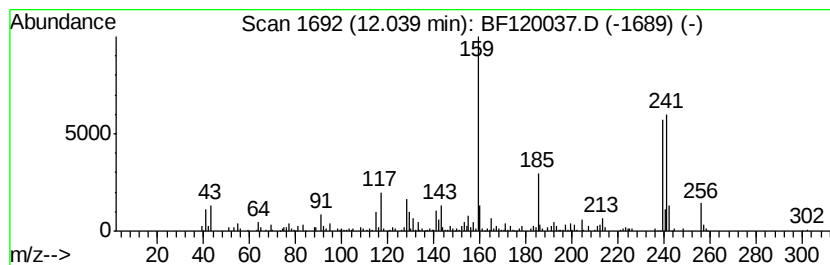
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.19 ng	282012	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	44
2		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	38
3		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	35
4		5-Amino-2-bromobenzotrifluoride	239	C7H5BrF3N	000393-36-2	27
5		8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

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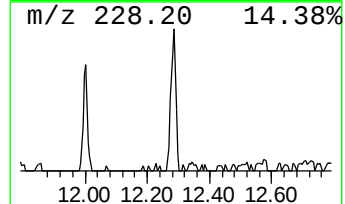
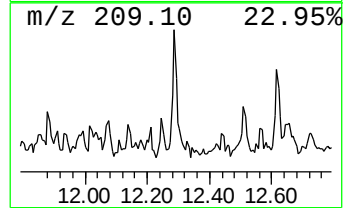
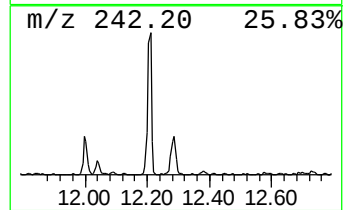
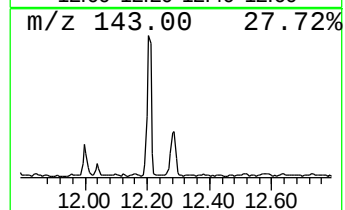
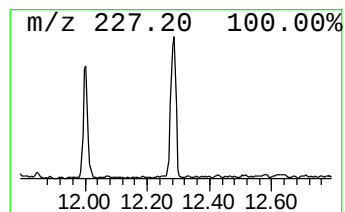
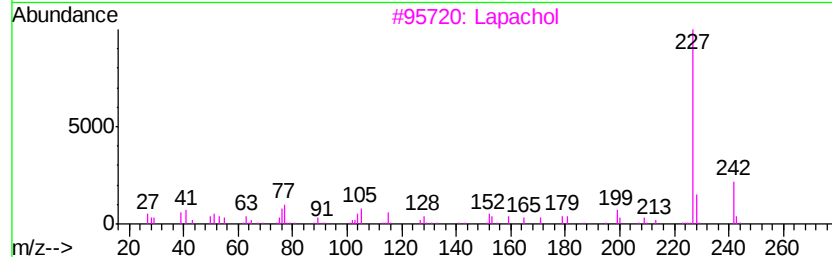
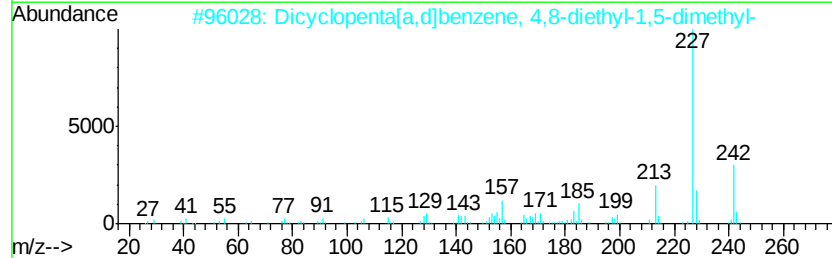
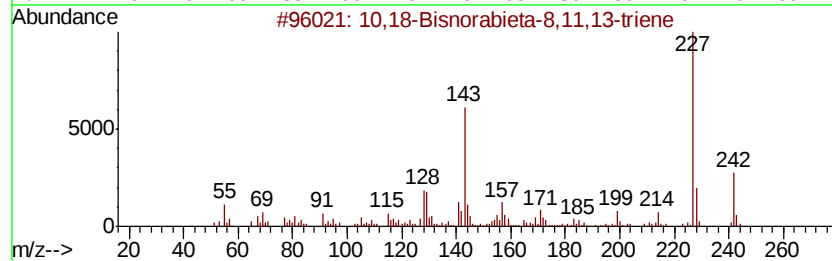
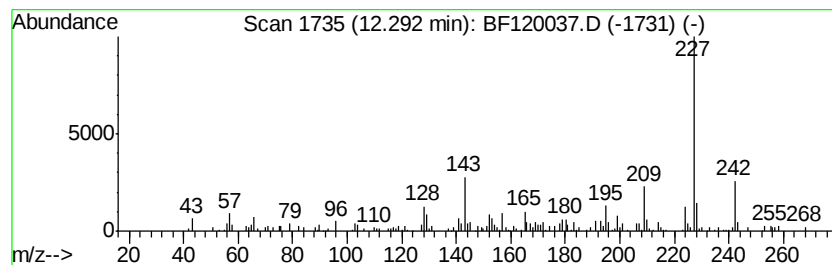
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 10,18-Bisnorabieta-8,11,13-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.12 ng	187771	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	95
2		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	60
3		Lapachol	242	C15H14O3	000084-79-7	53
4		7-Diethylamino-2-oxo-2H-chromene...	242	C14H14N2O2	332411-59-3	49
5		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

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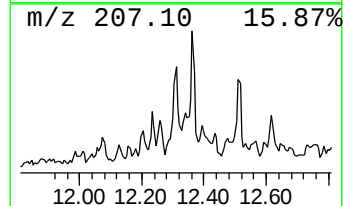
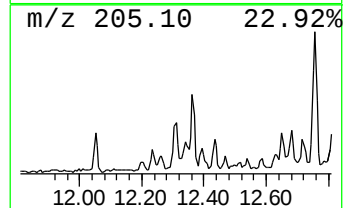
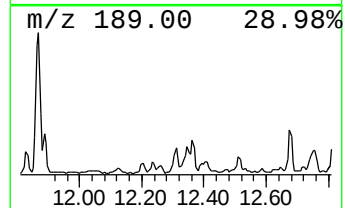
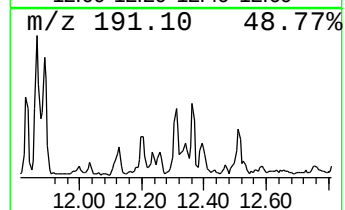
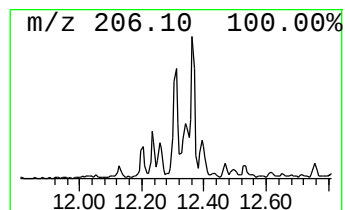
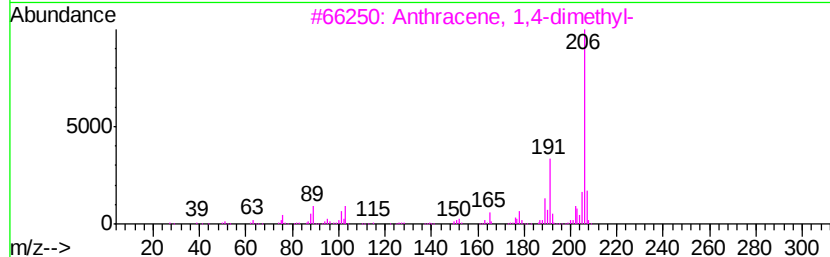
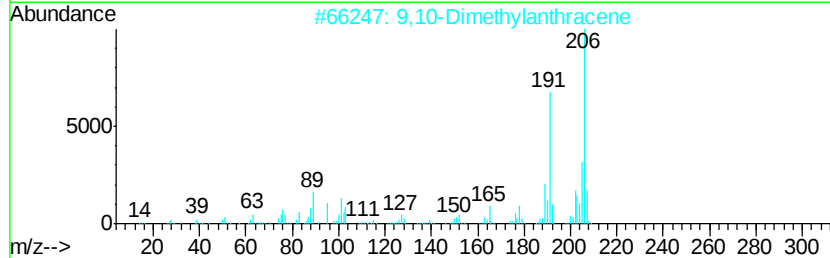
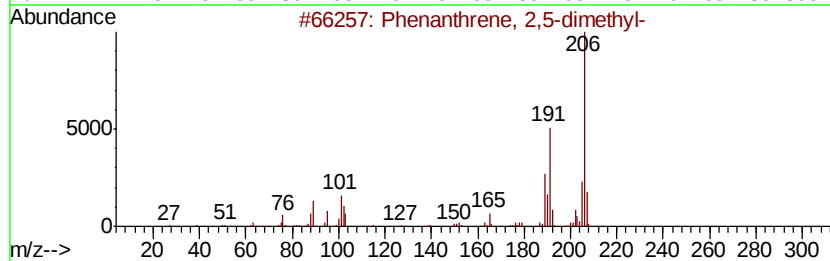
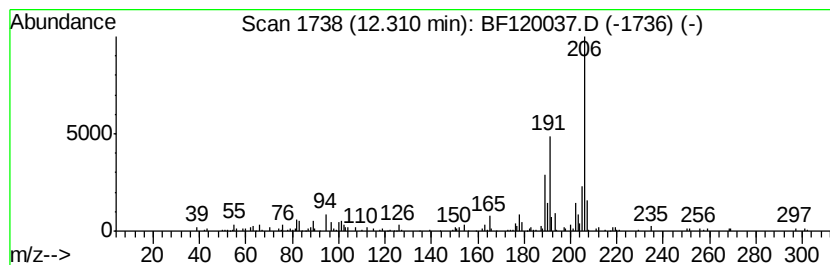
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	4.19 ng	191036	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
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ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId :
TP-2-3-4

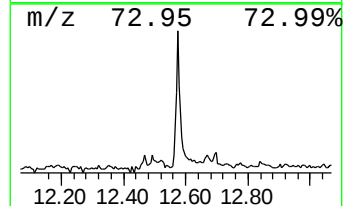
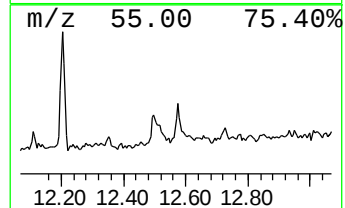
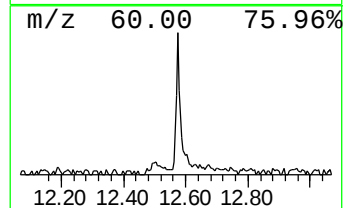
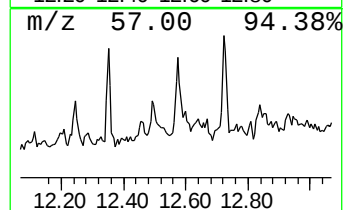
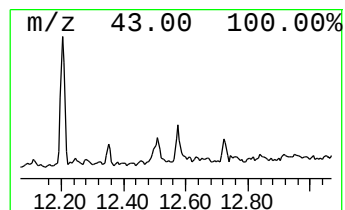
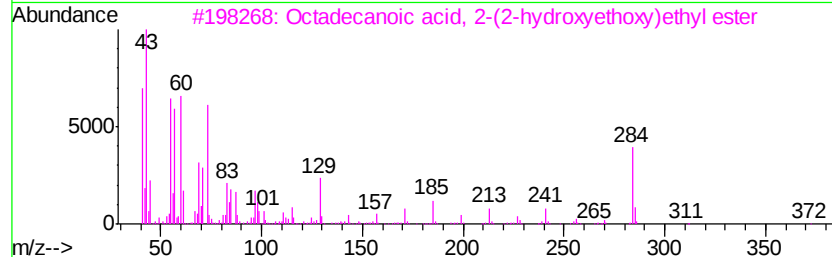
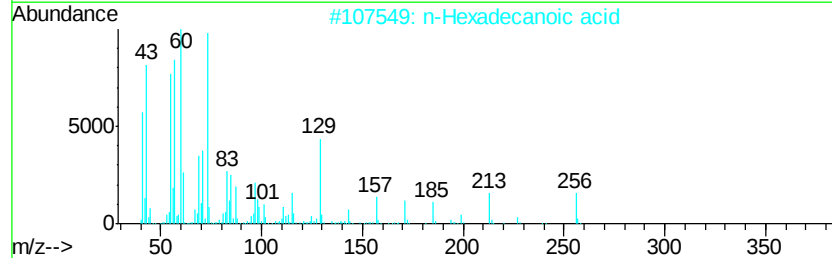
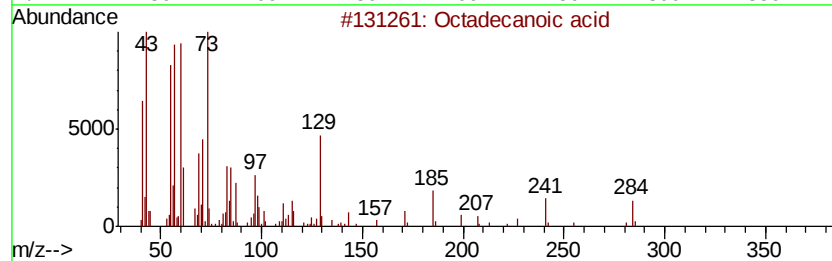
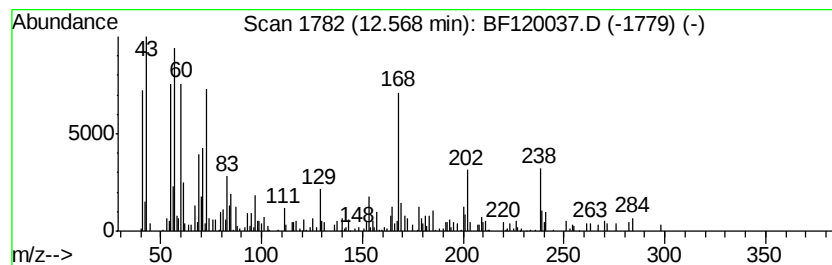
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.12 ng	234975	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3-4

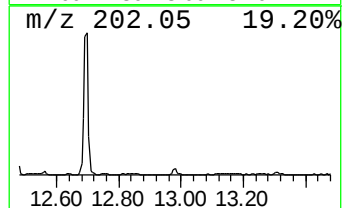
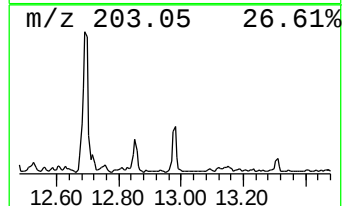
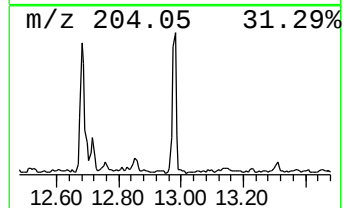
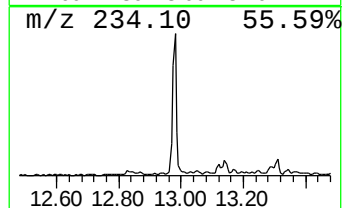
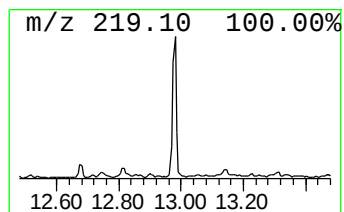
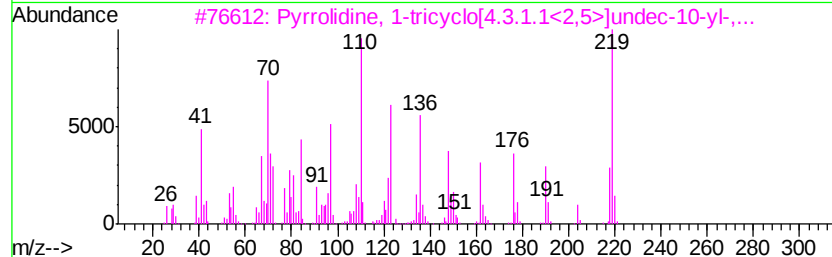
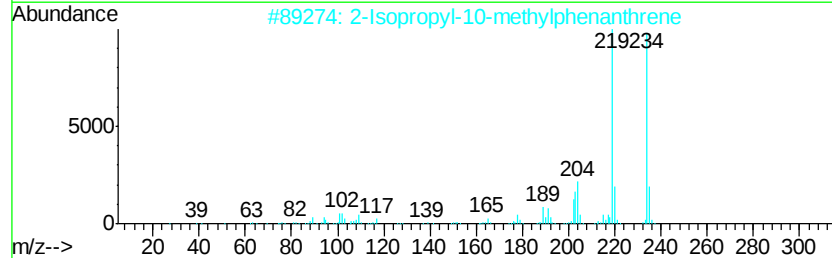
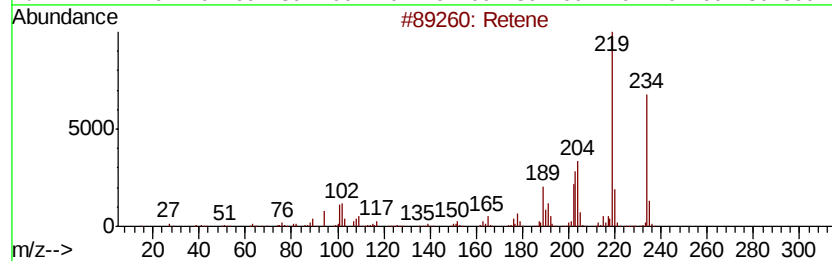
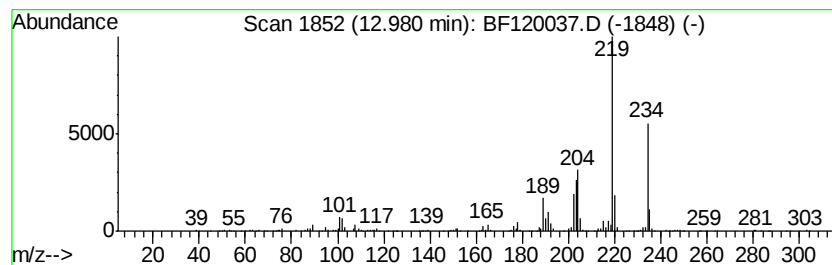
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Retene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.44 ng	409347	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	97
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3		Pyrrolidine, 1-tricyclo[4.3.1.1<...]	219	C15H25N	085538-51-8	83
4		Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	83
5		2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

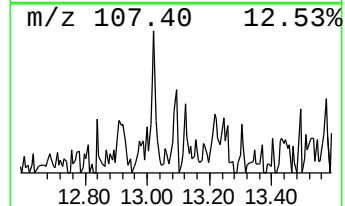
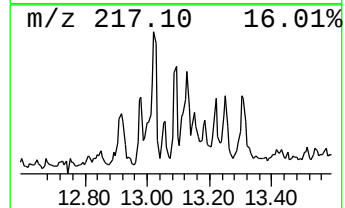
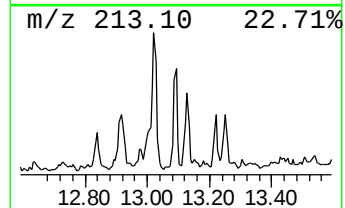
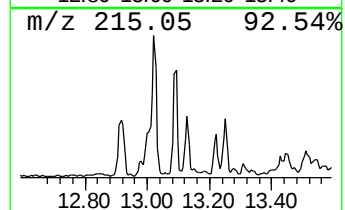
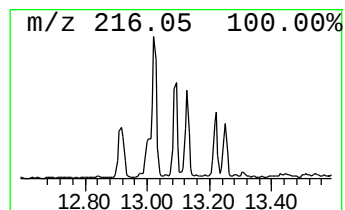
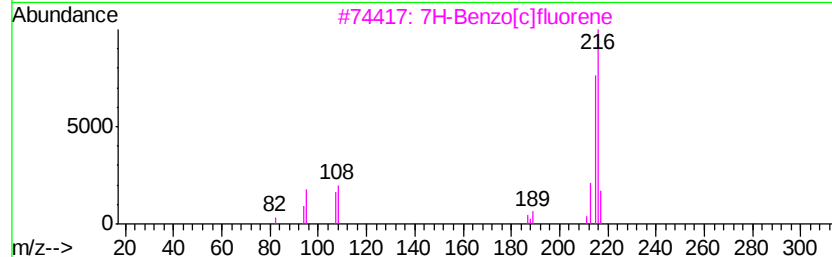
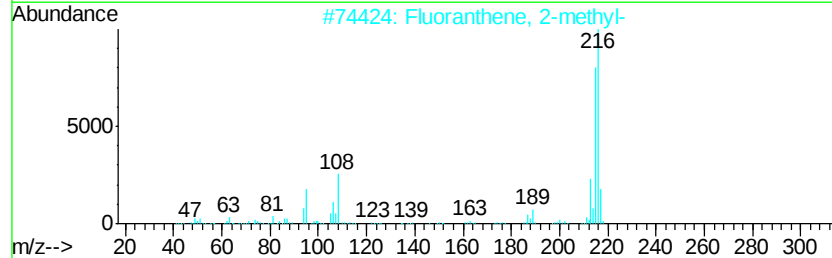
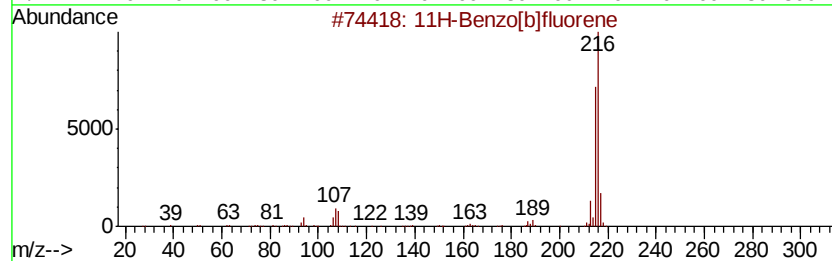
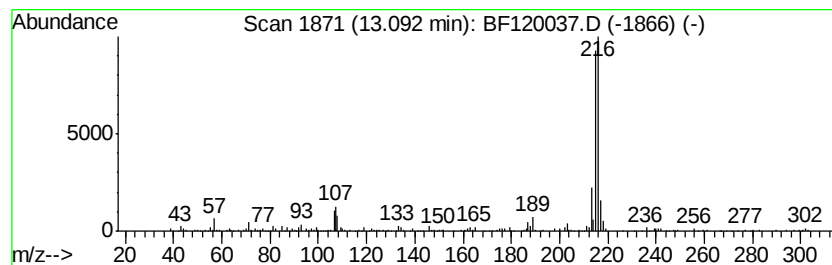
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	3.23 ng	242899	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 68
3		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 64
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

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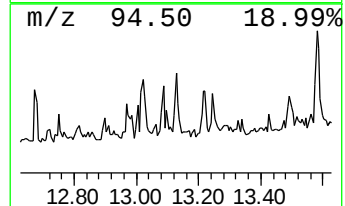
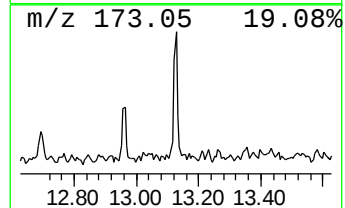
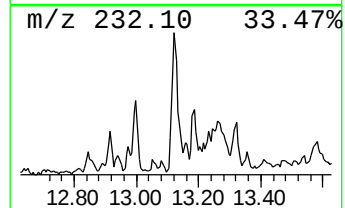
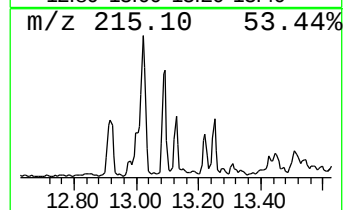
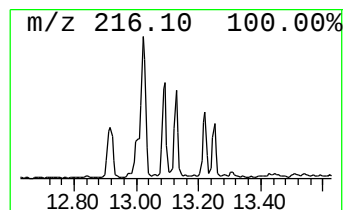
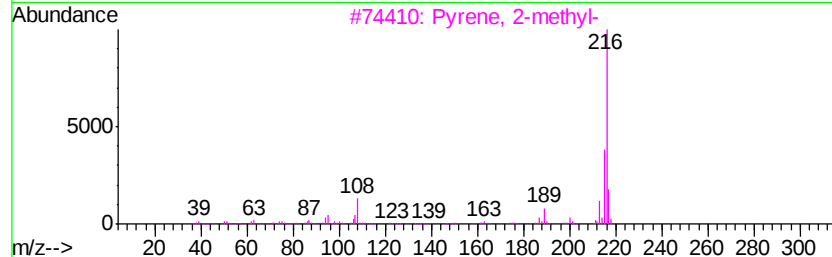
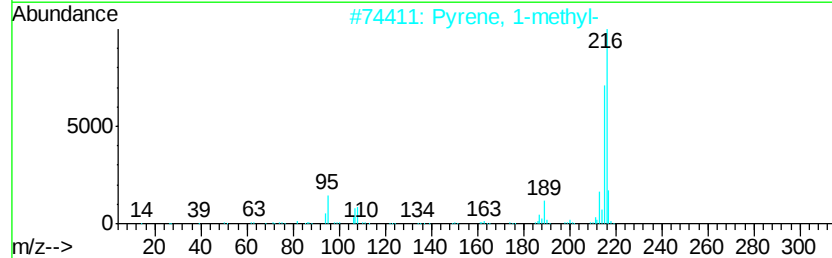
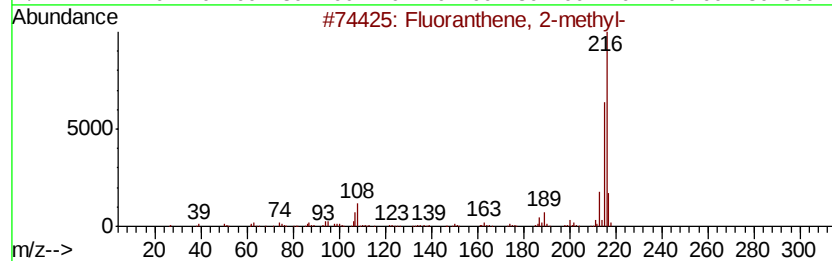
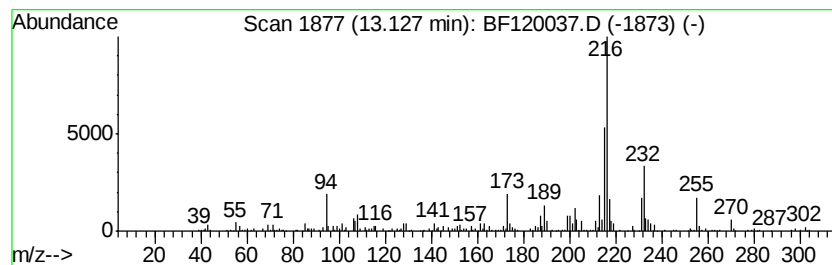
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	4.52 ng	340376	Chrysene-d12	13.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
4			11H-Benzo[alfluorene	216	C17H12	000238-84-6	53
5			Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

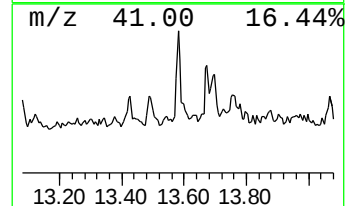
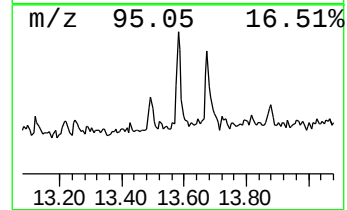
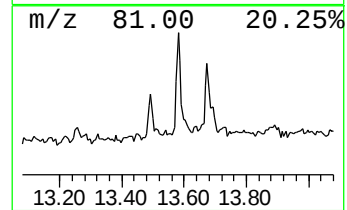
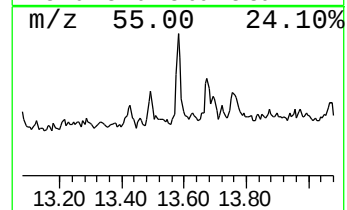
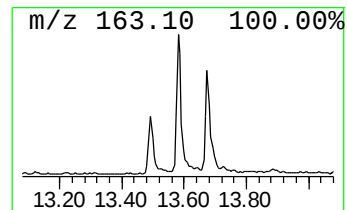
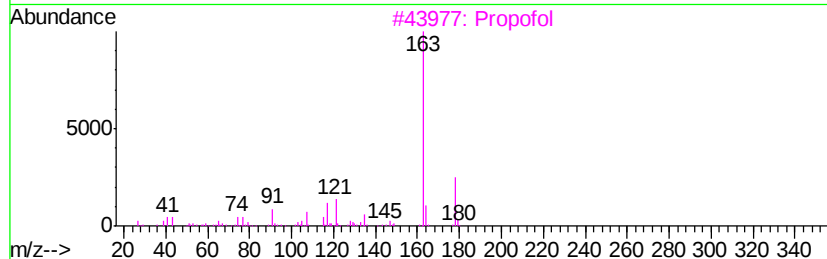
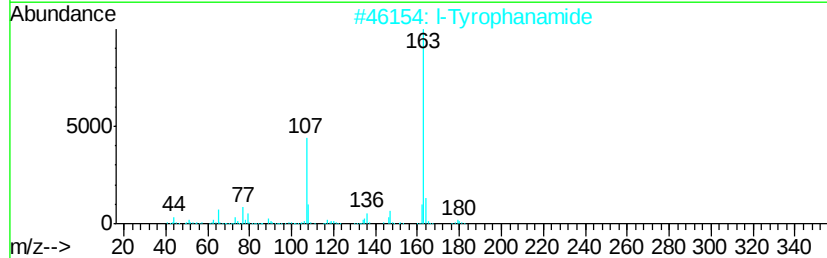
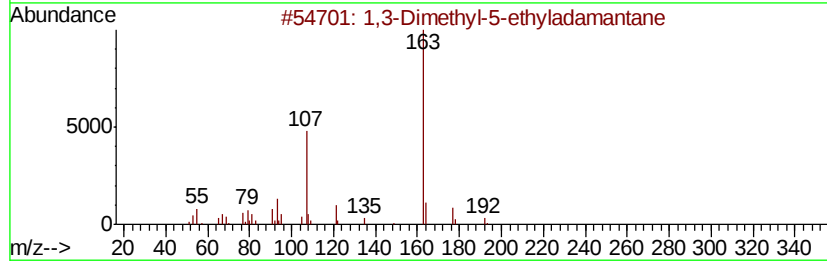
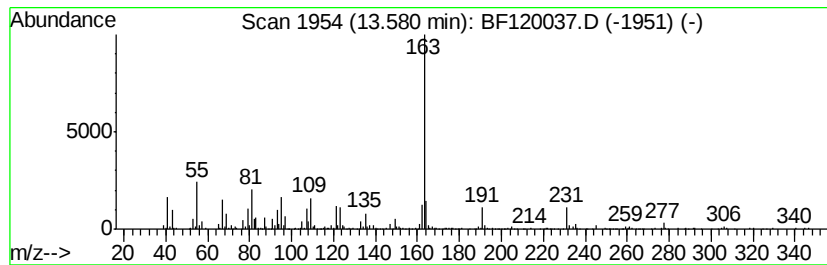
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,3-Dimethyl-5-ethyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.58	6.69 ng	503576	Chrysene-d12		13.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	53
2	l-Tyrophanamide	180	C9H12N2O2	1000131-25-3	50
3	Propofol	178	C12H18O	002078-54-8	50
4	2,6-Diisopropylphenyl acetate	220	C14H20O2	028000-66-0	50
5	Silane, triethoxypentyl-	234	C11H26O3Si	002761-24-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-2-3-4

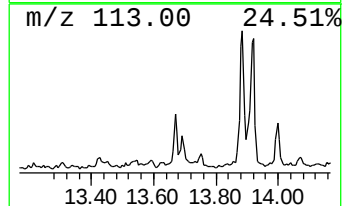
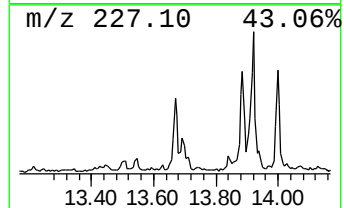
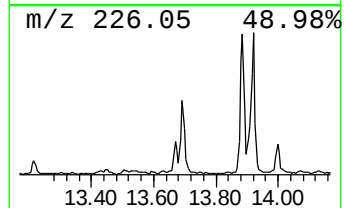
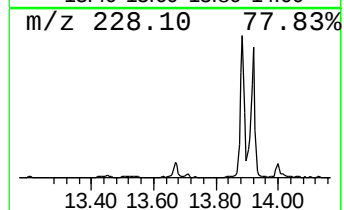
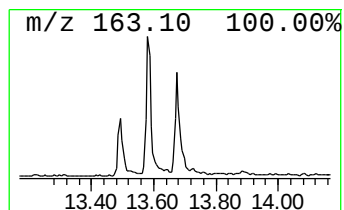
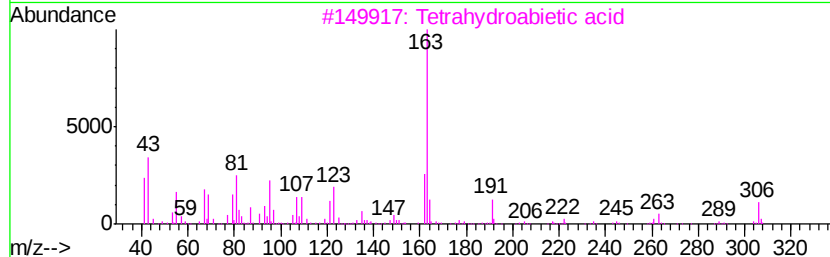
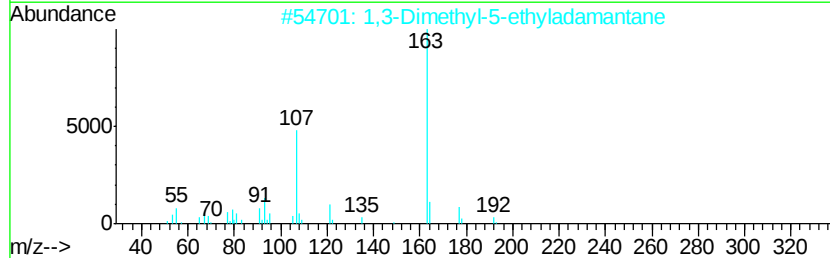
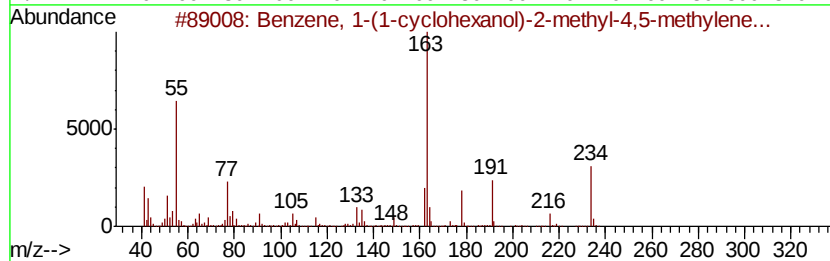
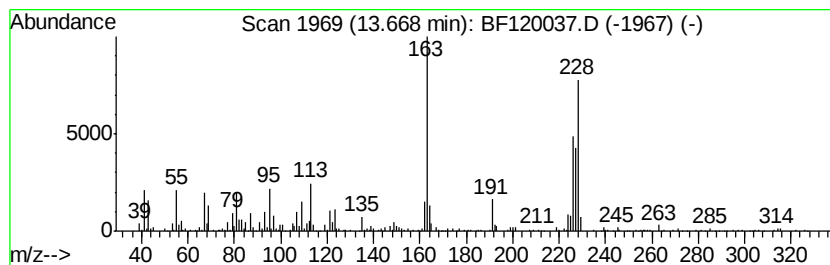
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown13.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.71 ng	354725	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(1-cyclohexanol)-2-me...	234	C14H18O3	1000111-67-4	47
2		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	46
3		Tetrahydroabietic acid	306	C20H34O2	1000251-96-9	45
4		1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	43
5		4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
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Misc :
ALS Vial : 45 Sample Multiplier: 1

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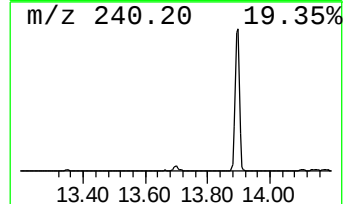
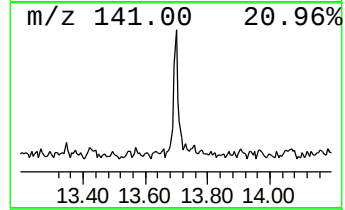
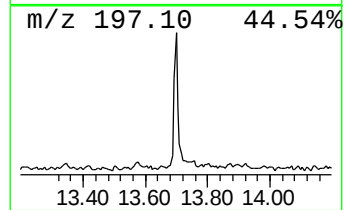
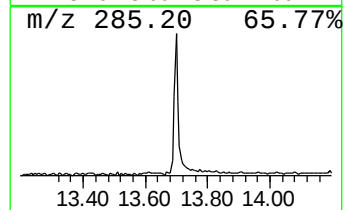
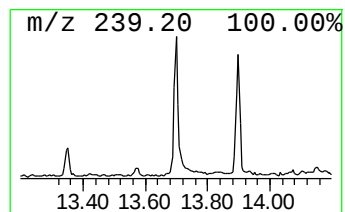
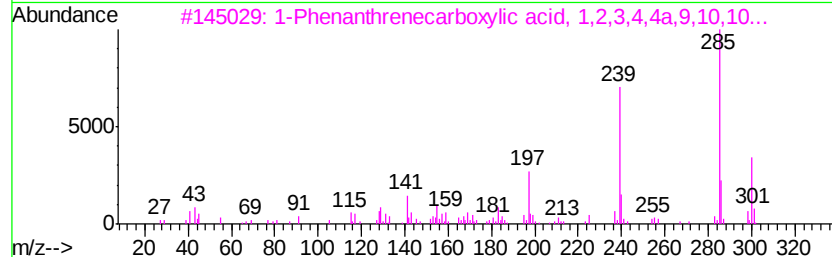
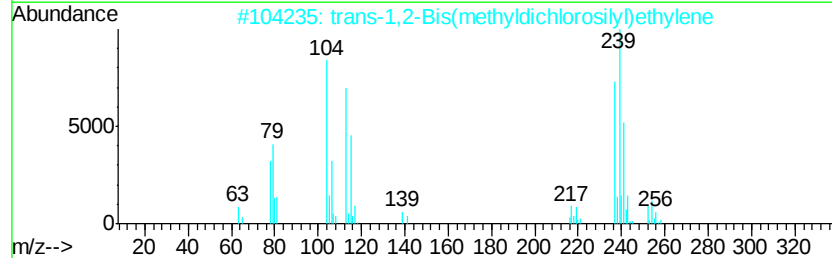
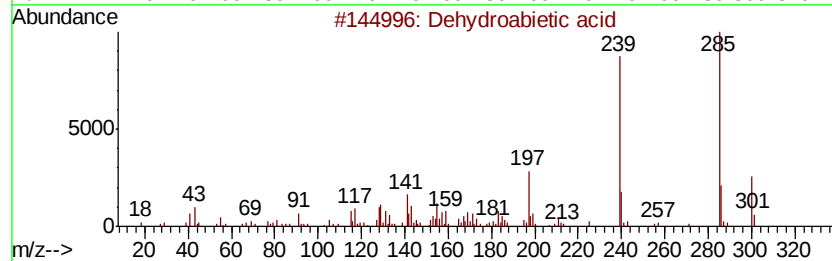
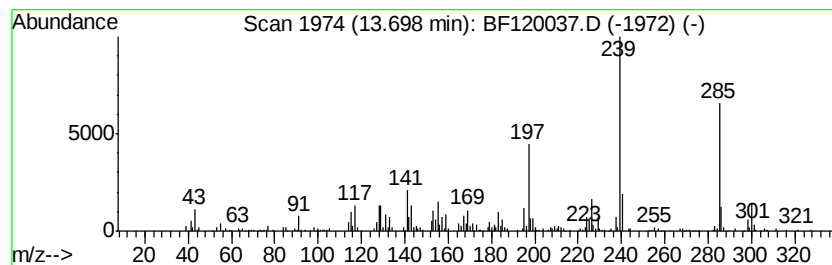
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dehydroabiatic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	4.71 ng	354810	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dehydroabiatic acid	300	C20H28O2	001740-19-8	94
2		trans-1,2-Bis(methyldichlorosilyl)ethene	252	C4H8Cl4Si2	065899-10-7	93
3		1-Phenanthrenecarboxylic acid, 1,2,3,4,9,10,10a,10b,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30	300	C20H28O2	005155-70-4	93
4		Butanoic acid, 2-(cyano)(2,4,6-trimethylphenyl)-	300	C17H20N2O3	1000267-71-7	52
5		2-Ethylidene-hydrazono-3-methyl-4-nitrophenol	239	C10H10ClN3S	1000148-08-4	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3-4

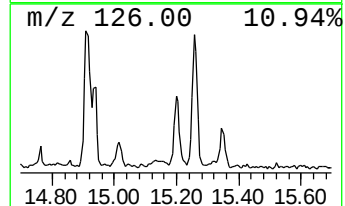
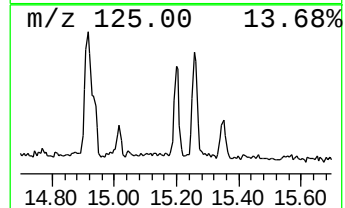
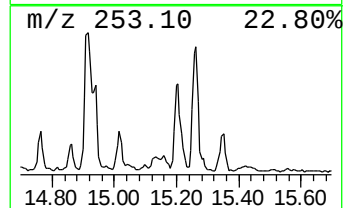
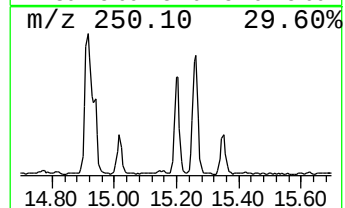
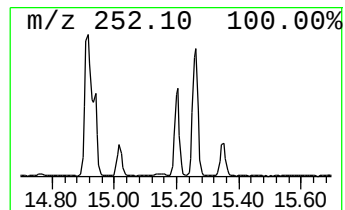
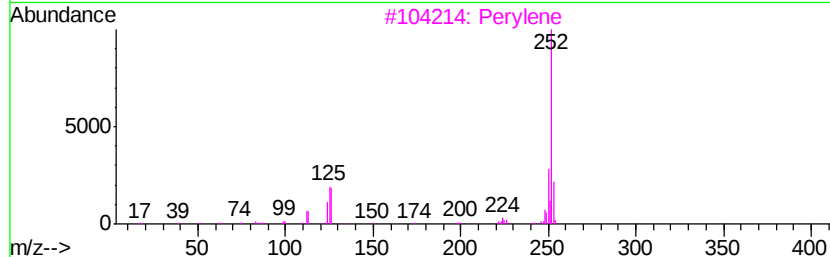
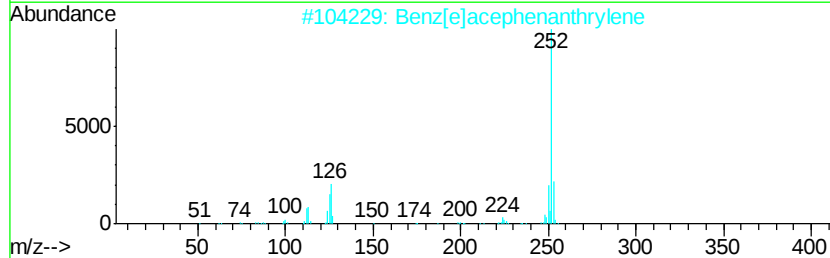
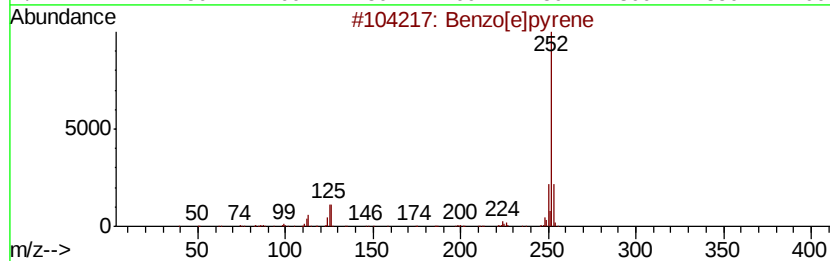
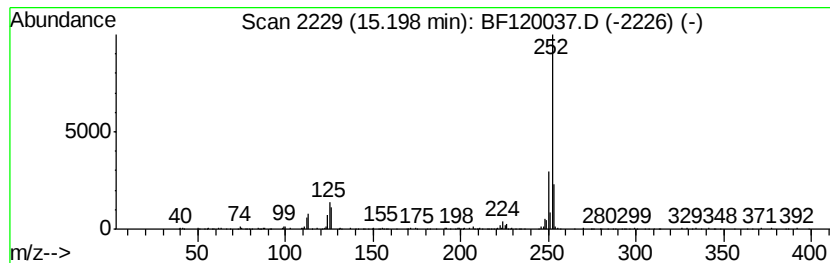
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	10.80 ng	340002	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120037.D
Acq On : 16 Apr 2020 15:42
Operator : MA/SJ
Sample : L2230-55 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2-3-4

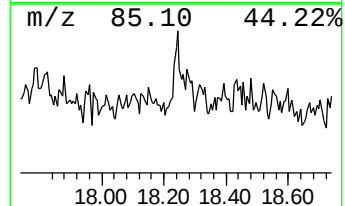
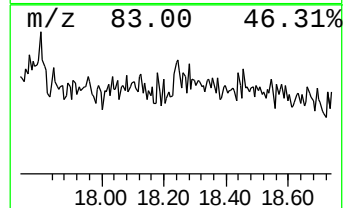
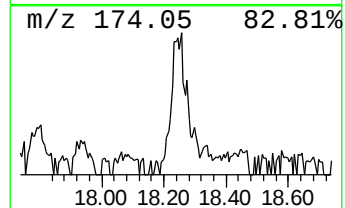
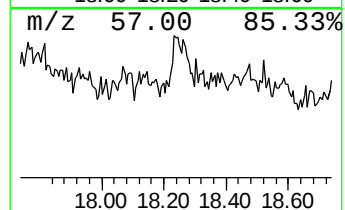
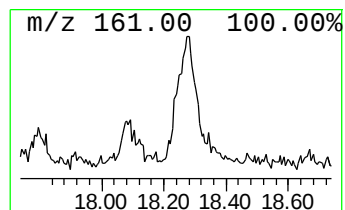
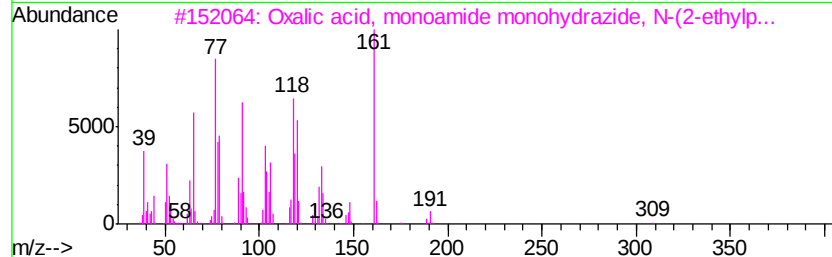
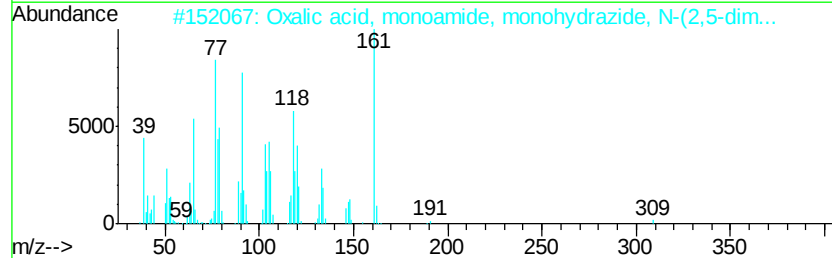
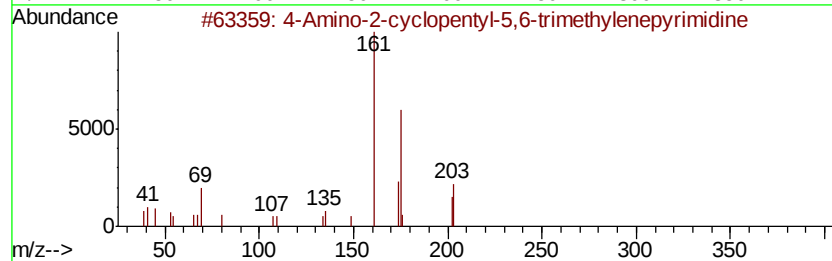
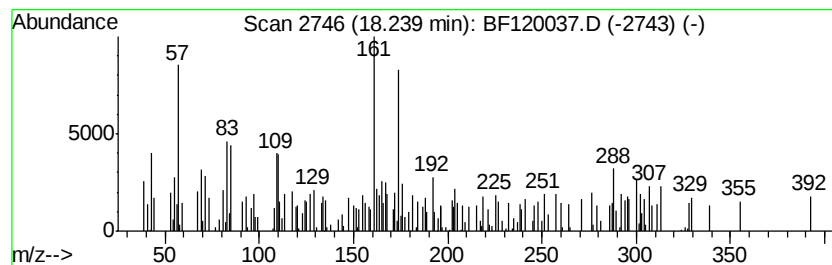
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	4.85 ng	152660	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-2-cyclopentyl-5,6-trimet...	203	C12H17N3	1000098-54-6	25
2		Oxalic acid, monoamide, monohydr...	309	C18H19N3O2	339239-69-9	25
3		Oxalic acid, monoamide monohydra...	309	C18H19N3O2	1000294-10-0	15
4		Benzenebutanoic acid, 2-hydroxy-...	280	C14H16O6	056704-57-5	14
5		1-Cyclohexene, 2-(1-cyclopenten-...	273	C16H19NO3	1000160-31-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
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 Operator : MA/SJ
 Sample : L2230-55 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-3-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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, 2-m...	11.75	4.4	ng	201492	4	11.25	911075	20.0
Anthracene, 2-met...	11.79	10.5	ng	478723	4	11.25	911075	20.0
Anthracene, 9-met...	11.83	4.3	ng	197888	4	11.25	911075	20.0
4H-Cyclopenta[def...	11.86	7.5	ng	339888	4	11.25	911075	20.0
1H-Cyclopropa[l]p...	11.89	5.7	ng	260798	4	11.25	911075	20.0
unknown12.00	12.00	6.3	ng	287271	4	11.25	911075	20.0
unknown12.04	12.04	6.2	ng	282012	4	11.25	911075	20.0
4b,8-Dimethyl-2-i...	12.20	41.9	ng	1908770	4	11.25	911075	20.0
10,18-Bisnorabiet...	12.29	4.1	ng	187771	4	11.25	911075	20.0
Phenanthrene, 2,5...	12.31	4.2	ng	191036	4	11.25	911075	20.0
Octadecanoic acid	12.57	3.1	ng	234975	5	13.90	1505740	20.0
Retene	12.98	5.4	ng	409347	5	13.90	1505740	20.0
11H-Benzo[b]fluorene	13.09	3.2	ng	242899	5	13.90	1505740	20.0
Fluoranthene, 2-m...	13.13	4.5	ng	340376	5	13.90	1505740	20.0
1,3-Dimethyl-5-et...	13.58	6.7	ng	503576	5	13.90	1505740	20.0
unknown13.67	13.67	4.7	ng	354725	5	13.90	1505740	20.0
Dehydroabietic acid	13.70	4.7	ng	354810	5	13.90	1505740	20.0
Benzo[e]pyrene	15.20	10.8	ng	340002	6	15.32	629753	20.0
unknown18.24	18.24	4.8	ng	152660	6	15.32	629753	20.0