

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111393.D
 Acq On : 14 Dec 2018 1:59
 Operator : JU/SJ
 Sample : J6208-17 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

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-BF121218.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	5.422	562	567	579	rBV	3040555	3032325	29.15%	2.263%
2	6.440	735	740	749	rBV	3613545	3598863	34.60%	2.685%
3	6.569	757	762	765	rBV	3421775	3201805	30.78%	2.389%
4	6.793	796	800	803	rBV	2316117	1794439	17.25%	1.339%
5	6.951	823	827	830	rBV	3159733	2698983	25.95%	2.014%
6	7.351	888	895	898	rBV	2706504	2316089	22.27%	1.728%
7	8.075	1014	1018	1021	rBV	2845239	2430704	23.37%	1.814%
8	9.151	1197	1201	1204	rBV	3553491	2793865	26.86%	2.085%
9	9.416	1242	1246	1250	rBV	207093	271668	2.61%	0.203%
10	9.492	1255	1259	1261	rVV	722612	671430	6.46%	0.501%
11	9.545	1265	1268	1273	rVV	312953	296663	2.85%	0.221%
12	9.604	1275	1278	1283	rVV	220787	243883	2.34%	0.182%
13	9.686	1287	1292	1297	rBV	545897	502873	4.83%	0.375%
14	9.810	1308	1313	1314	rBV2	405848	422627	4.06%	0.315%
15	9.828	1314	1316	1319	rVV	2460682	2165205	20.82%	1.616%
16	9.863	1319	1322	1325	rVB	1077527	894147	8.60%	0.667%
17	10.033	1347	1351	1354	rBV	728939	611157	5.88%	0.456%
18	10.145	1366	1370	1373	rBV	225395	231972	2.23%	0.173%
19	10.239	1381	1386	1387	rBV	199002	223095	2.14%	0.166%
20	10.375	1406	1409	1415	rVB	1313364	1129938	10.86%	0.843%
21	10.439	1419	1420	1422	rVV	338678	239935	2.31%	0.179%
22	10.533	1433	1436	1441	rVB	507683	502129	4.83%	0.375%
23	10.616	1446	1450	1454	rVV	2229503	2089374	20.09%	1.559%
24	10.739	1466	1471	1478	rVB4	252137	343070	3.30%	0.256%
25	10.922	1496	1502	1505	rBV3	486159	680784	6.55%	0.508%
26	10.951	1505	1507	1510	rVV2	337880	306283	2.94%	0.229%
27	11.004	1514	1516	1519	rVB2	235300	216566	2.08%	0.162%
28	11.051	1522	1524	1526	rVV2	299673	299058	2.88%	0.223%
29	11.075	1526	1528	1532	rVV2	379963	419010	4.03%	0.313%
30	11.116	1532	1535	1540	rVV	516074	561475	5.40%	0.419%
31	11.169	1540	1544	1547	rVV2	431365	650687	6.26%	0.486%
32	11.210	1548	1551	1557	rVB	679383	681918	6.56%	0.509%
33	11.316	1565	1569	1570	rBV	1798298	1661375	15.97%	1.240%
34	11.345	1570	1574	1577	rVV	7835652	7702086	74.05%	5.747%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.392	1577	1582	1585	rVV	2805262	2566727	24.68%	1.915%
36	11.422	1585	1587	1590	rVB2	320823	289707	2.79%	0.216%
37	11.545	1605	1608	1610	rVV	500785	466627	4.49%	0.348%
38	11.610	1616	1619	1622	rVV2	355392	280424	2.70%	0.209%
39	11.645	1622	1625	1628	rVV2	472867	380831	3.66%	0.284%
40	11.727	1636	1639	1643	rVB	260143	260872	2.51%	0.195%
41	11.816	1650	1654	1656	rVV	1935698	1730970	16.64%	1.292%
42	11.845	1656	1659	1663	rVV	2965749	2722763	26.18%	2.032%
43	11.892	1663	1667	1670	rVV	1050064	962402	9.25%	0.718%
44	11.927	1670	1673	1675	rVV	2774997	2920814	28.08%	2.179%
45	11.951	1675	1677	1681	rVB	1591420	1237918	11.90%	0.924%
46	12.110	1701	1704	1706	rVV	1308760	1112713	10.70%	0.830%
47	12.133	1706	1708	1712	rVV2	801460	692263	6.66%	0.517%
48	12.263	1724	1730	1732	rBV2	462326	597621	5.75%	0.446%
49	12.292	1732	1735	1737	rVV	486303	415238	3.99%	0.310%
50	12.316	1737	1739	1742	rVB	427046	327518	3.15%	0.244%
51	12.369	1744	1748	1751	rBV	985266	1196424	11.50%	0.893%
52	12.404	1751	1754	1756	rVV	616587	752886	7.24%	0.562%
53	12.451	1759	1762	1767	rVB3	765906	926279	8.91%	0.691%
54	12.539	1771	1777	1780	rBV	8213216	9690536	93.17%	7.231%
55	12.592	1784	1786	1789	rVV3	245763	238549	2.29%	0.178%
56	12.633	1789	1793	1795	rVV2	276913	361759	3.48%	0.270%
57	12.663	1795	1798	1799	rVV2	249719	289887	2.79%	0.216%
58	12.674	1799	1800	1805	rVV	403168	359828	3.46%	0.268%
59	12.769	1809	1816	1820	rBV2	7274654	10401093	100.00%	7.761%
60	12.804	1820	1822	1828	rVB2	558208	653360	6.28%	0.488%
61	12.874	1831	1834	1836	rBV	689672	641932	6.17%	0.479%
62	12.898	1836	1838	1845	rVB2	1878529	2017465	19.40%	1.505%
63	12.974	1845	1851	1854	rBV2	890810	1435654	13.80%	1.071%
64	13.063	1863	1866	1867	rBV2	567497	623014	5.99%	0.465%
65	13.086	1867	1870	1873	rVB	1574987	1530487	14.71%	1.142%
66	13.151	1877	1881	1883	rBV	1087294	958152	9.21%	0.715%
67	13.186	1883	1887	1890	rVV2	1257387	1272829	12.24%	0.950%
68	13.216	1890	1892	1895	rVB2	258576	231322	2.22%	0.173%
69	13.280	1900	1903	1906	rBV	662314	525192	5.05%	0.392%
70	13.310	1906	1908	1912	rVV2	717980	606961	5.84%	0.453%
71	13.380	1918	1920	1926	rVB5	183149	238266	2.29%	0.178%

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72	13.463	1931	1934	1936	rBV3	203451	267790	2.57%	0.200%
73	13.486	1936	1938	1940	rVV2	271961	301919	2.90%	0.225%
74	13.586	1949	1955	1960	rBV	875568	1158376	11.14%	0.864%
75	13.698	1970	1974	1977	rBV2	879260	1054329	10.14%	0.787%
76	13.733	1977	1980	1982	rVV	835292	887062	8.53%	0.662%
77	13.751	1982	1983	1988	rVV2	575720	892297	8.58%	0.666%
78	13.798	1988	1991	1997	rVB	948530	1071165	10.30%	0.799%
79	13.951	2010	2017	2020	rBV2	4643508	6884084	66.19%	5.137%
80	13.986	2020	2023	2028	rVB	3910972	3794350	36.48%	2.831%
81	14.057	2033	2035	2038	rVB	426997	337547	3.25%	0.252%
82	14.174	2051	2055	2058	rBV2	317739	447141	4.30%	0.334%
83	14.304	2074	2077	2079	rVV	275990	282272	2.71%	0.211%
84	14.339	2079	2083	2086	rVV	976366	1088256	10.46%	0.812%
85	14.374	2086	2089	2092	rVB	499456	479057	4.61%	0.357%
86	14.433	2096	2099	2101	rVV2	409801	446136	4.29%	0.333%
87	14.463	2101	2104	2106	rVV	430194	430598	4.14%	0.321%
88	14.486	2106	2108	2111	rVB2	389996	345638	3.32%	0.258%
89	14.639	2131	2134	2137	rBV3	221728	303375	2.92%	0.226%
90	14.804	2159	2162	2164	rBV2	295883	356979	3.43%	0.266%
91	14.986	2187	2193	2195	rBV	2427638	3692584	35.50%	2.755%
92	15.080	2207	2209	2213	rVB	547023	547016	5.26%	0.408%
93	15.274	2237	2242	2248	rVB	1517266	2038199	19.60%	1.521%
94	15.339	2248	2253	2258	rBV	2118627	2750421	26.44%	2.052%
95	15.392	2258	2262	2265	rBV	916499	1243155	11.95%	0.928%
96	15.421	2265	2267	2274	rVB2	734504	992228	9.54%	0.740%
97	15.857	2337	2341	2345	rVB2	327309	464200	4.46%	0.346%
98	16.810	2497	2503	2509	rBV2	941909	1796178	17.27%	1.340%
99	16.974	2528	2531	2536	rVB	180759	264560	2.54%	0.197%
100	17.239	2569	2576	2589	rVB	713913	1594777	15.33%	1.190%

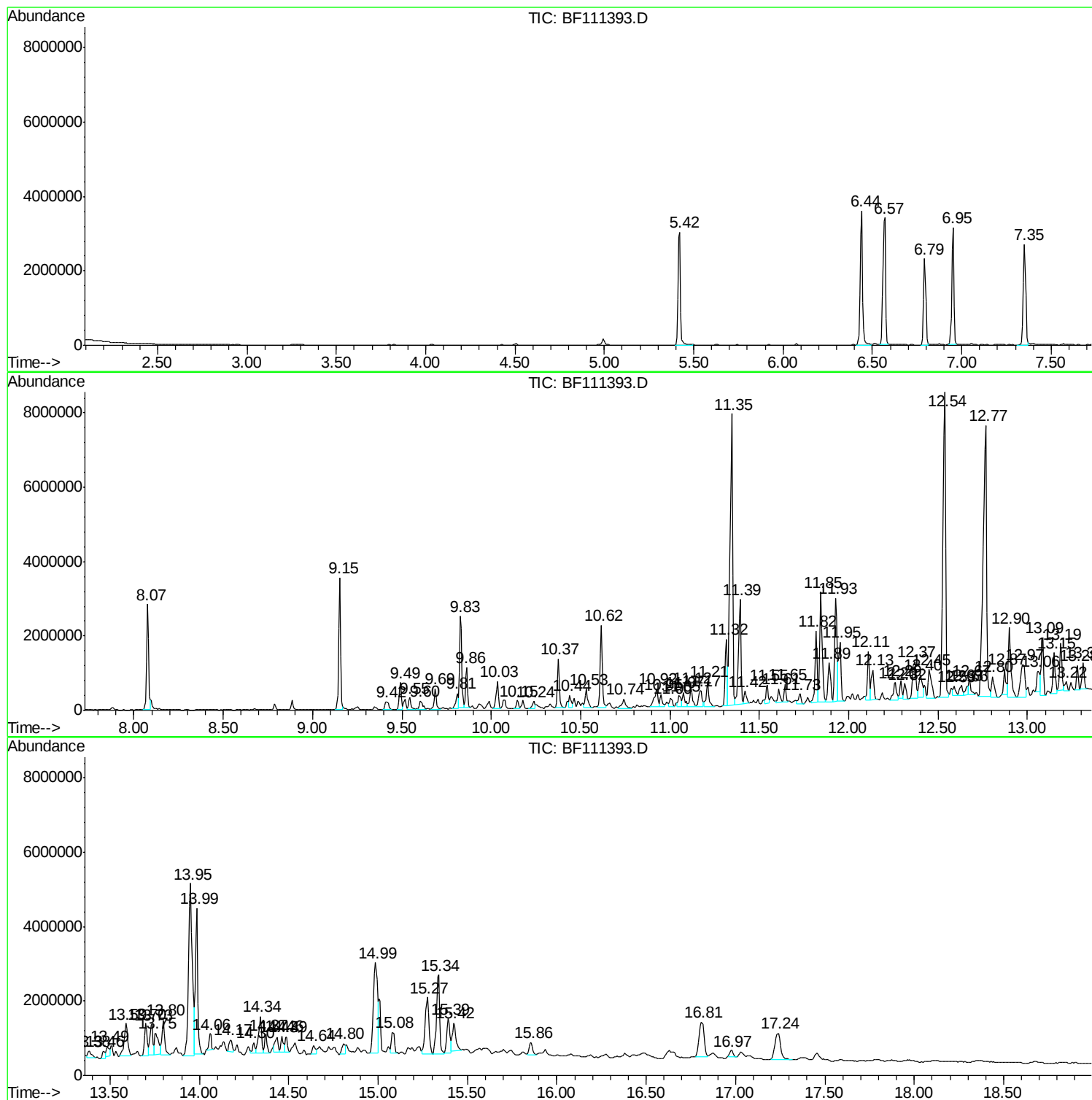
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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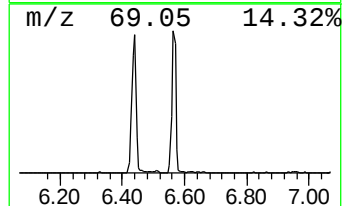
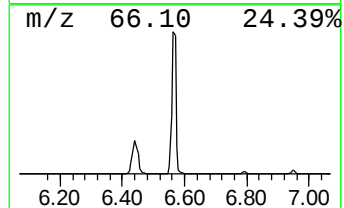
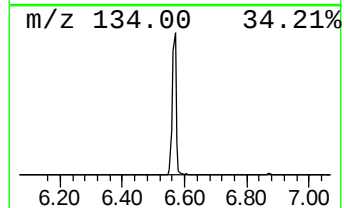
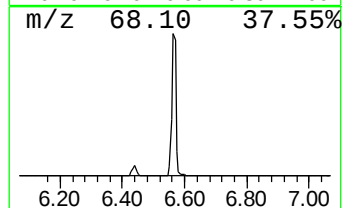
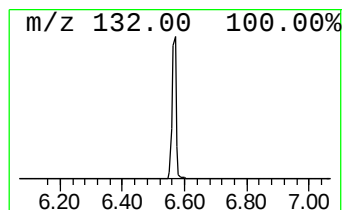
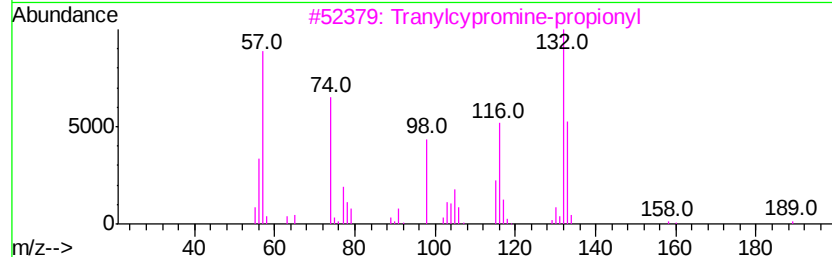
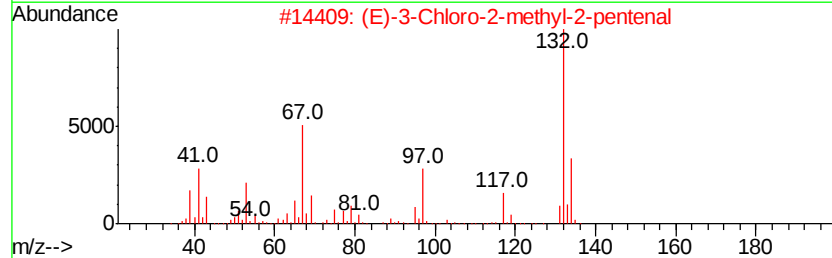
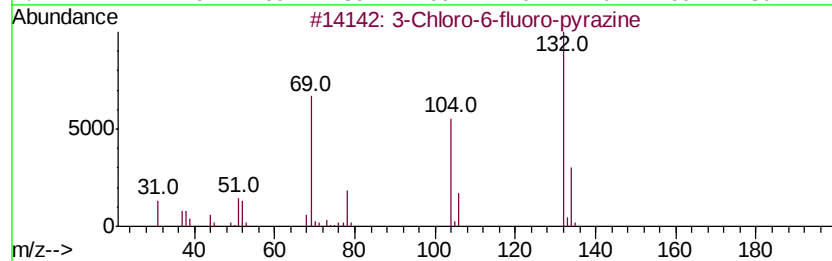
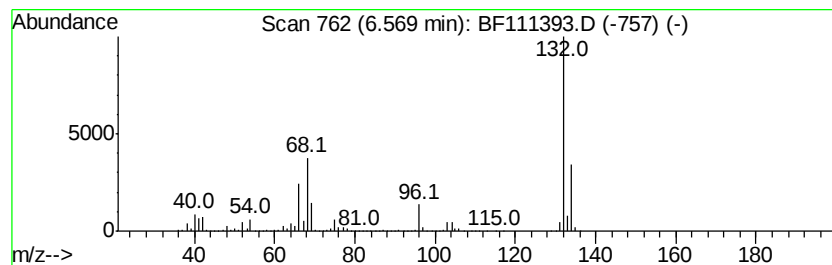
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	35.69 ng	3201810	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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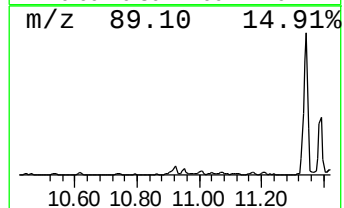
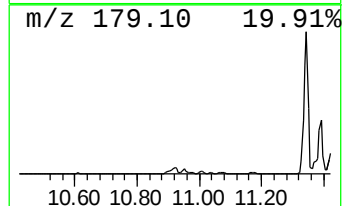
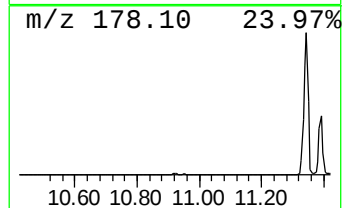
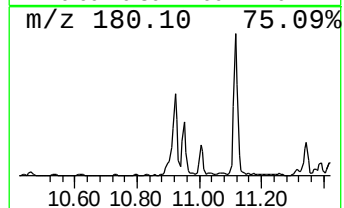
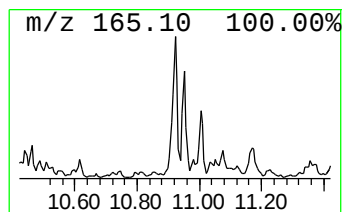
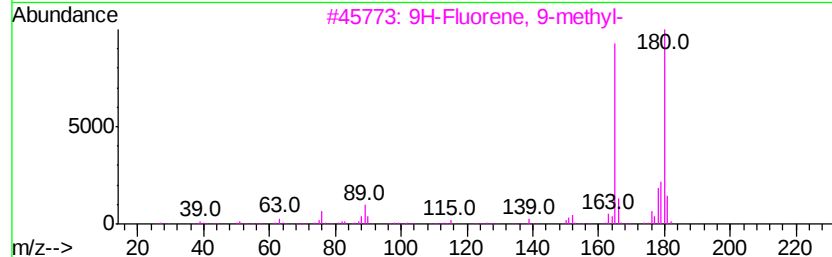
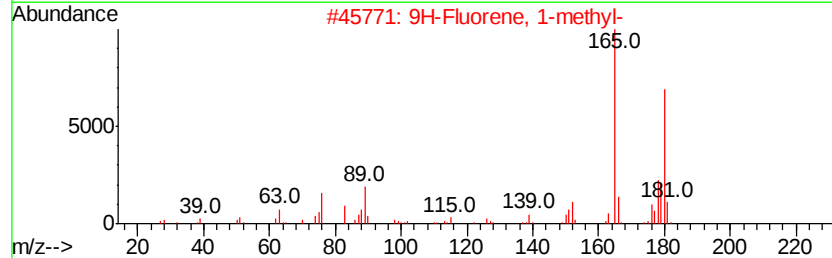
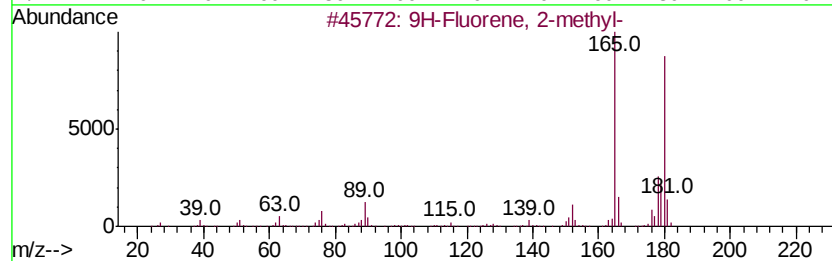
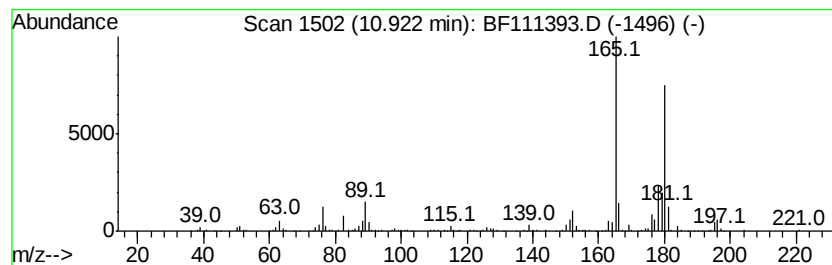
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Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.92	8.20 ng	680784	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70



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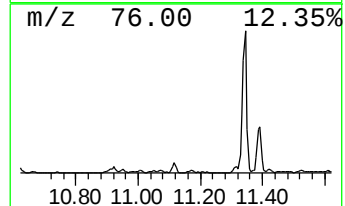
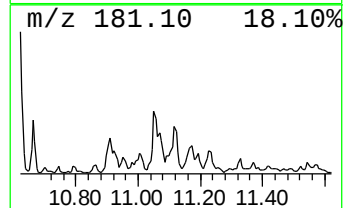
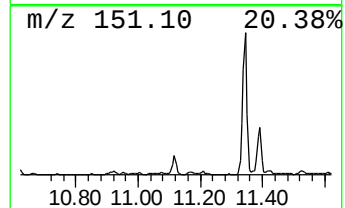
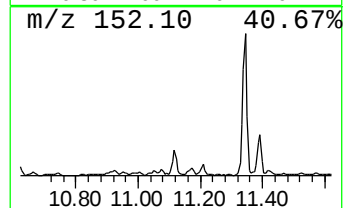
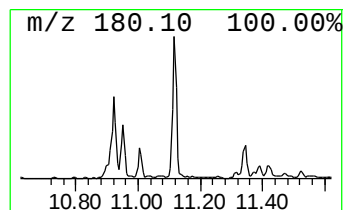
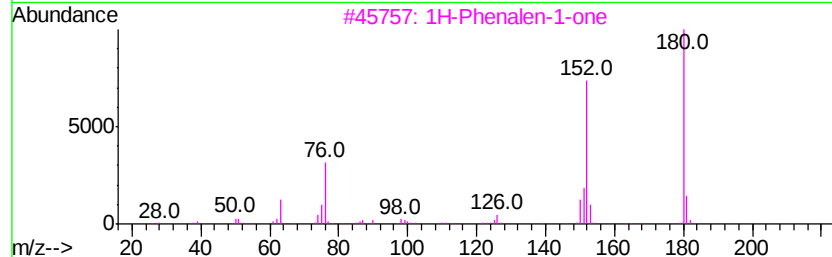
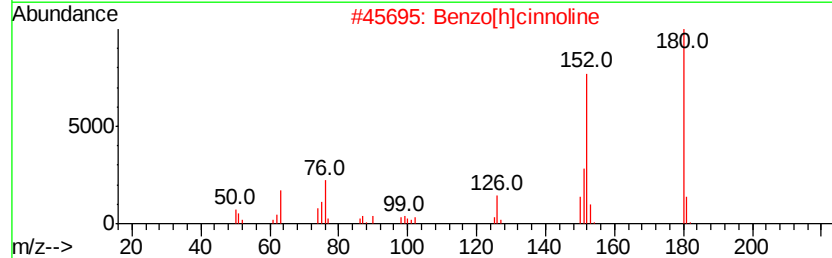
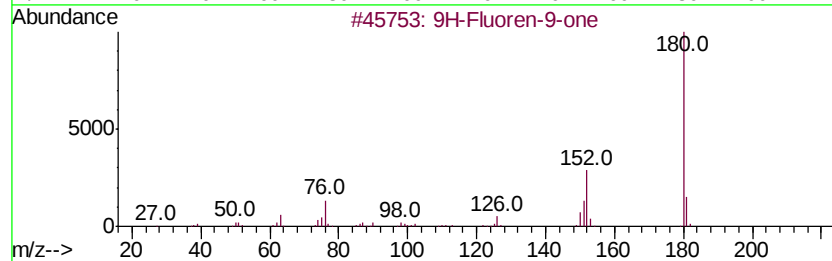
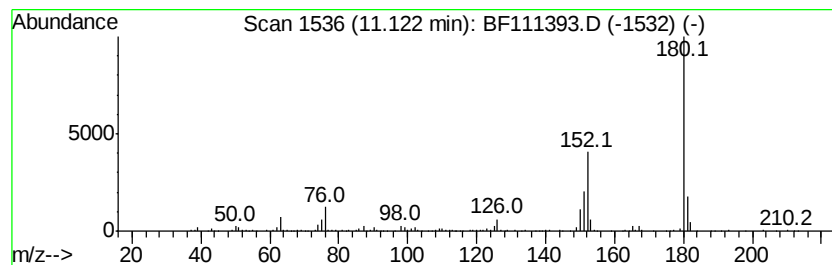
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.12	6.76 ng	561475	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4		2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
5		6-Amino-4H-benzo[1,4]thiazin-3-one	180	C8H8N2OS	1000301-23-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
Acq On : 14 Dec 2018 1:59
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

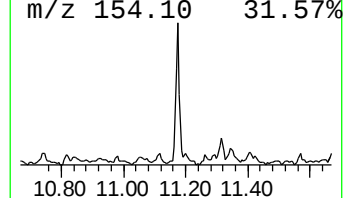
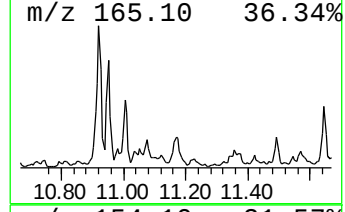
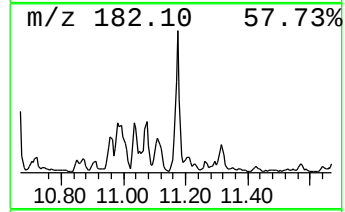
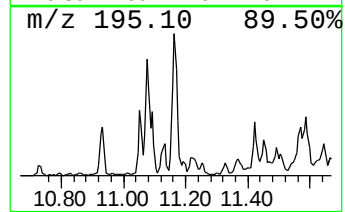
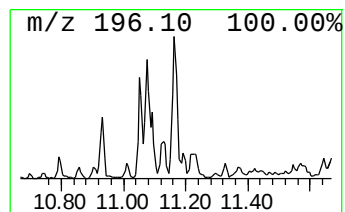
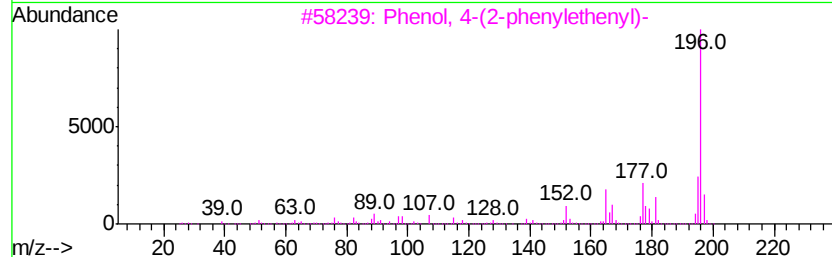
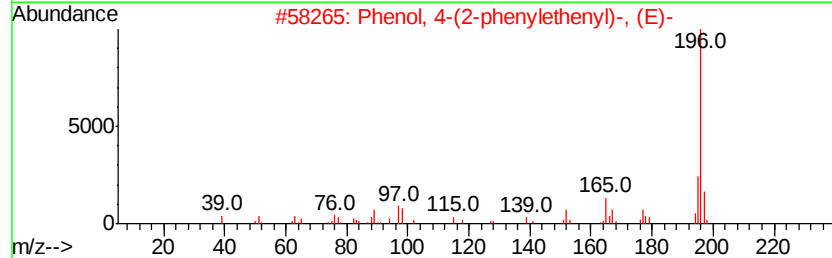
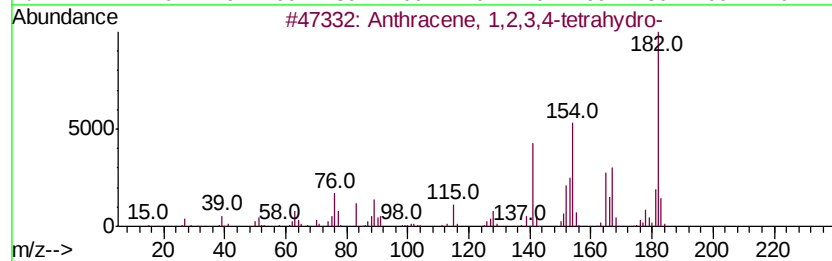
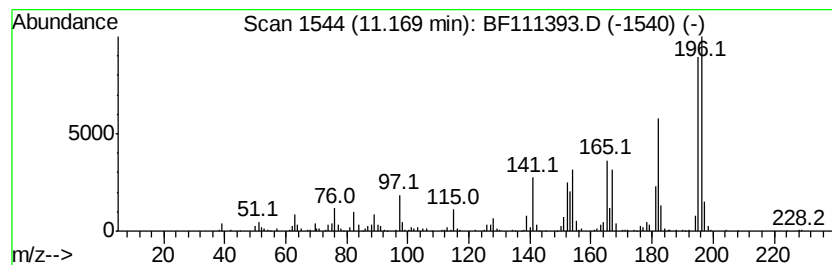
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.17	7.83 ng	650687	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	30
4	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	27
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	25



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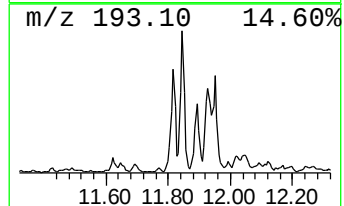
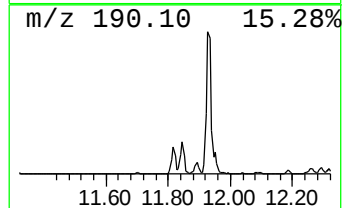
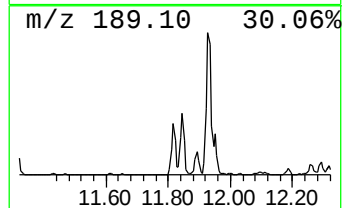
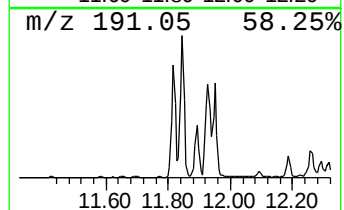
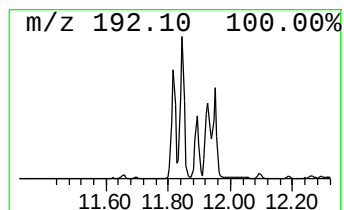
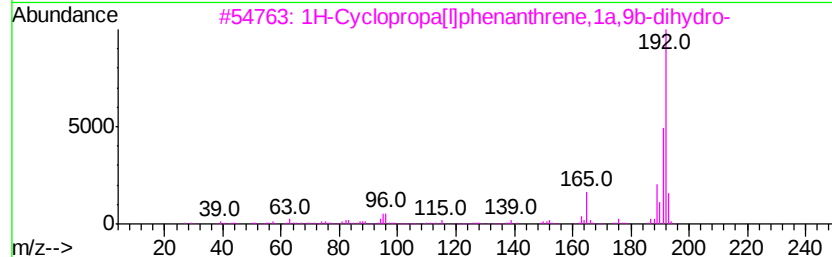
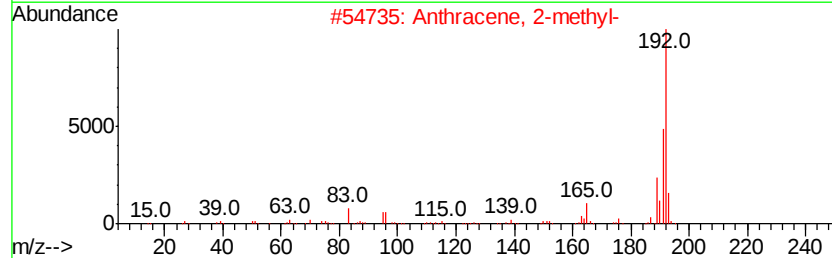
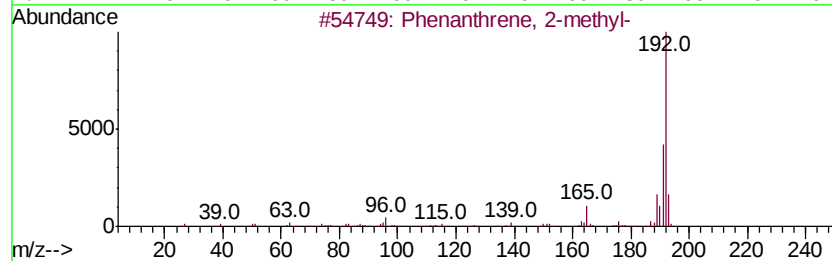
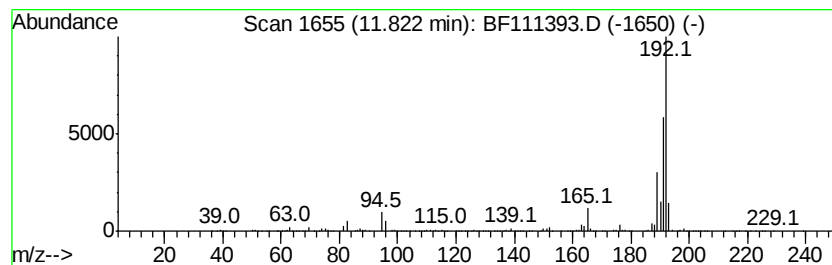
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	20.84 ng	1730970	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
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Misc :
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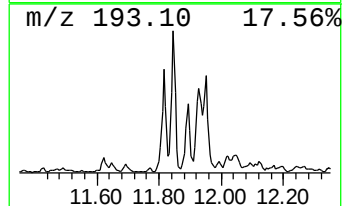
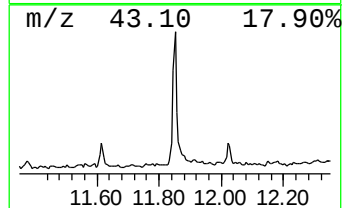
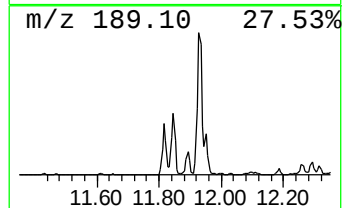
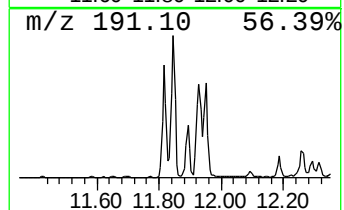
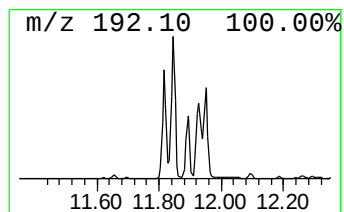
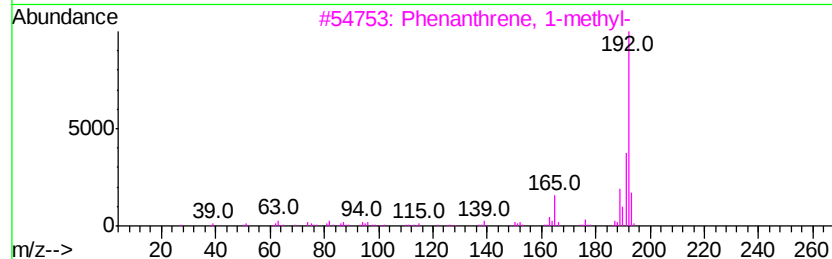
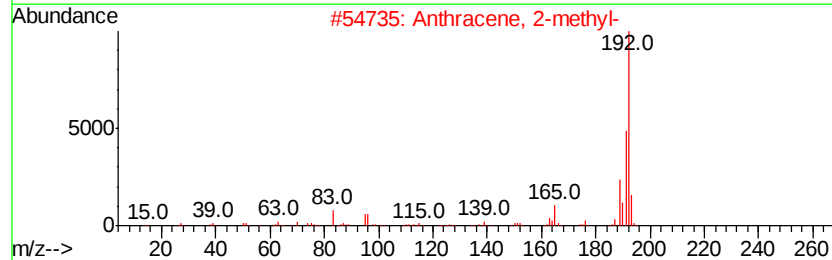
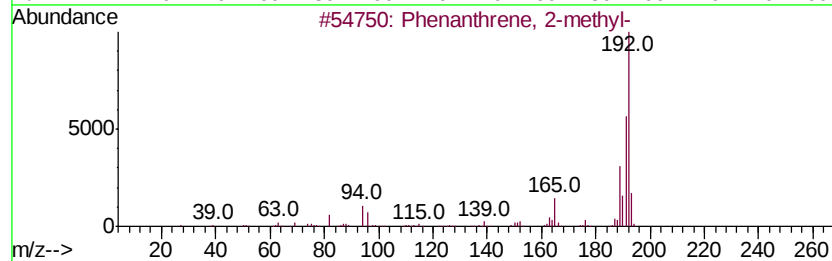
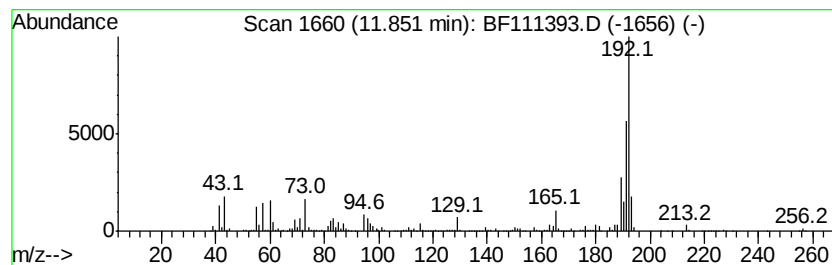
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	32.78 ng	2722760	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
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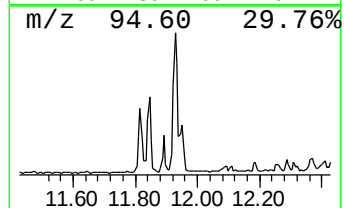
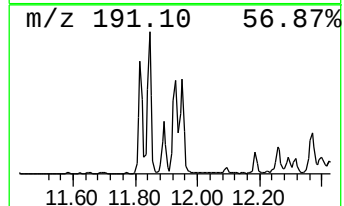
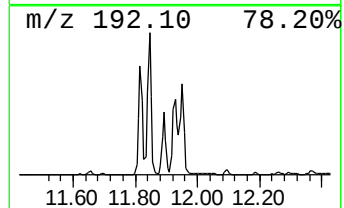
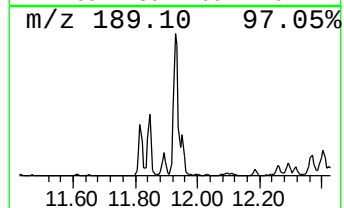
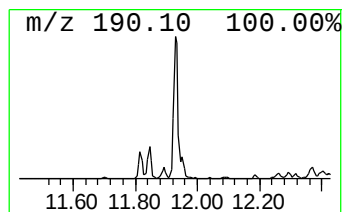
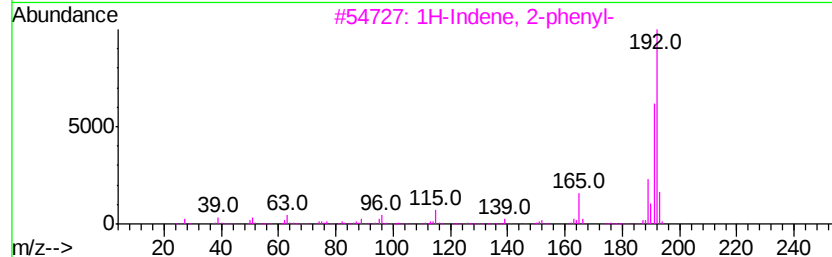
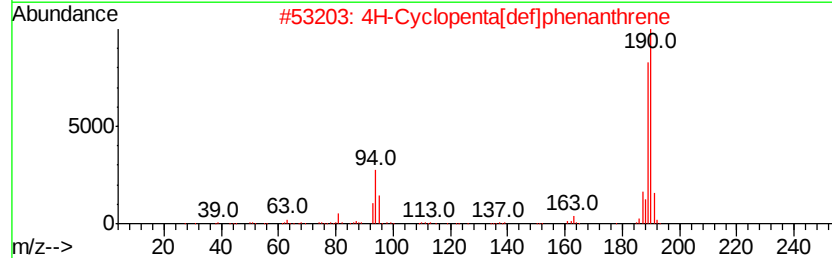
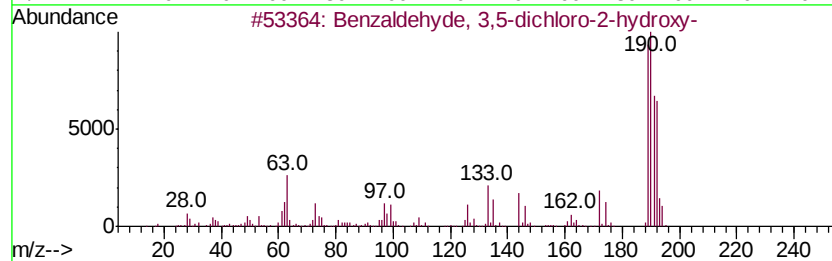
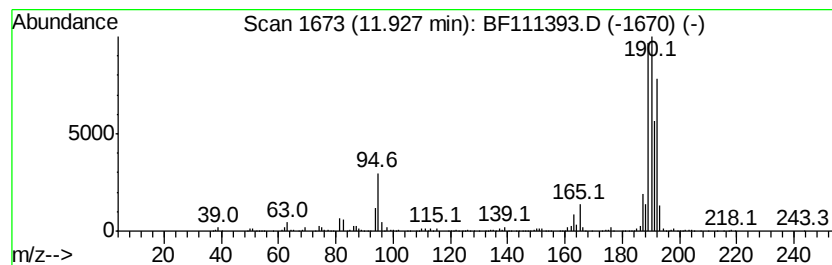
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	35.16 ng	2920810	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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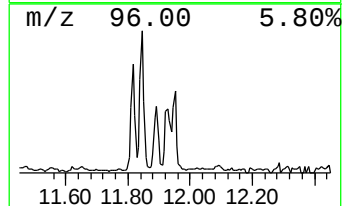
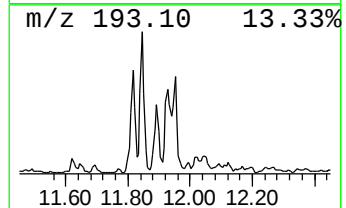
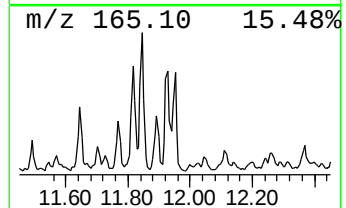
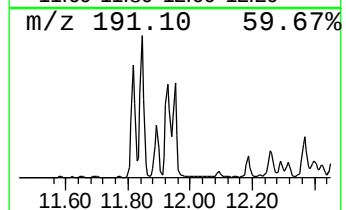
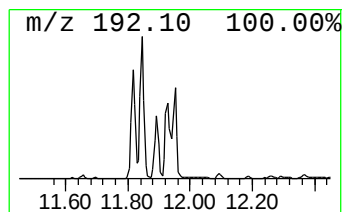
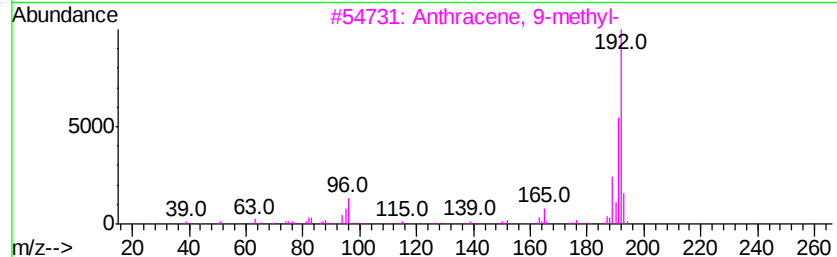
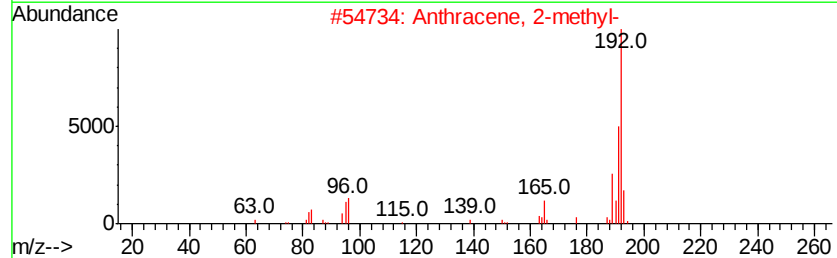
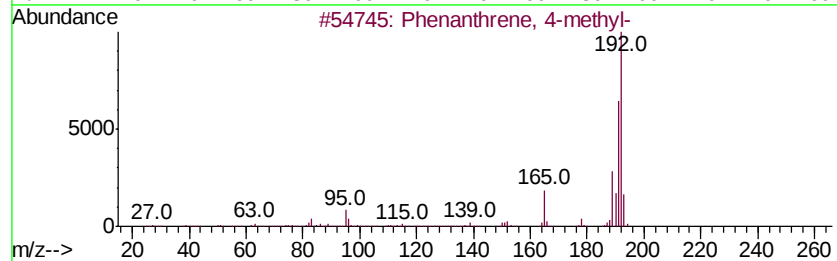
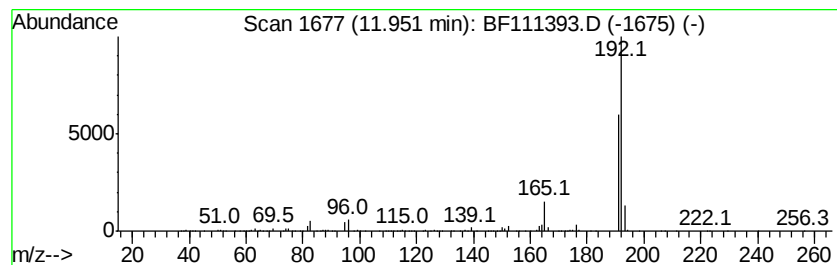
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	14.90 ng	1237920	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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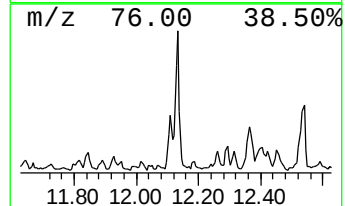
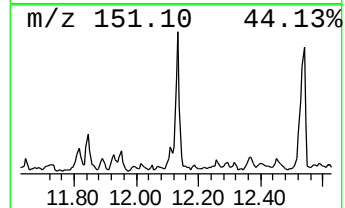
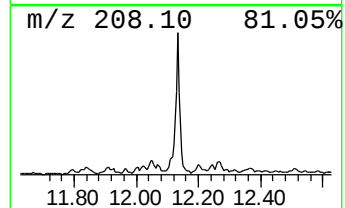
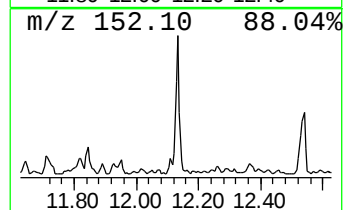
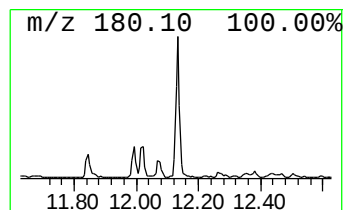
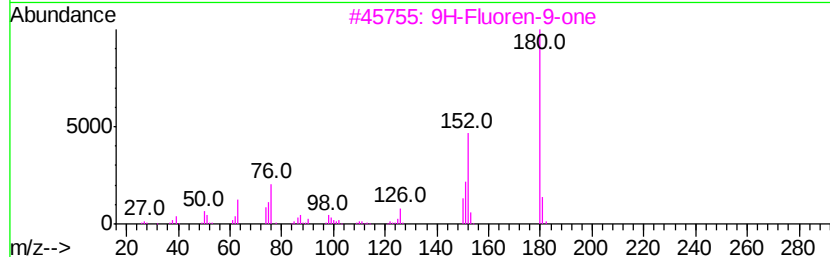
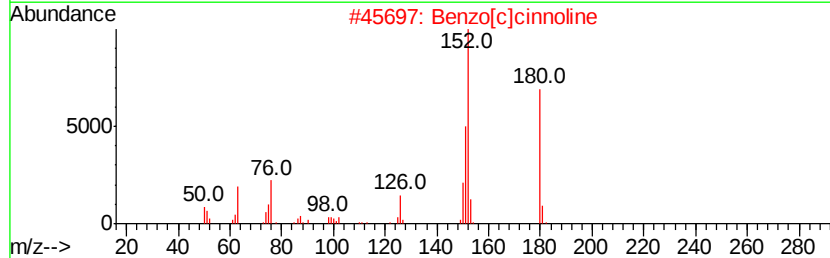
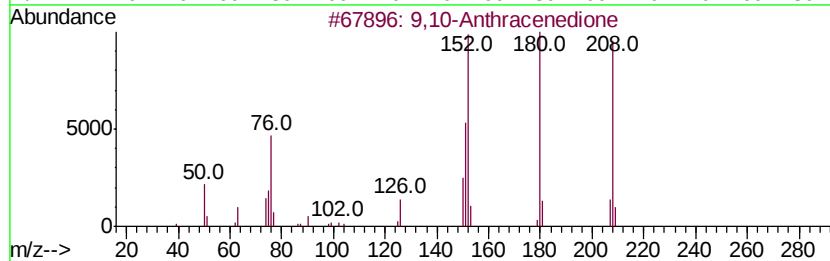
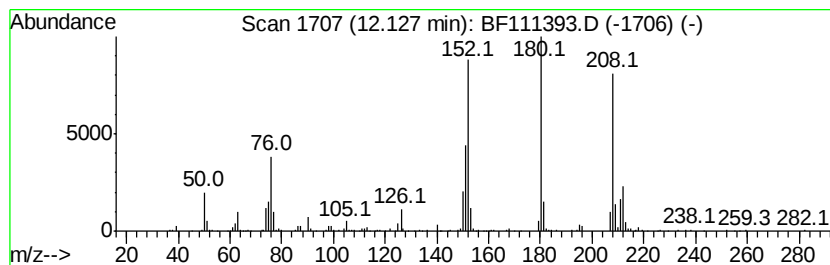
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	8.33 ng	692263	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	49
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



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Data File : BF111393.D
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Sample : J6208-17 2X
Misc :
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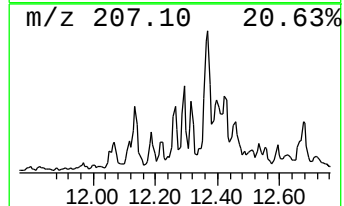
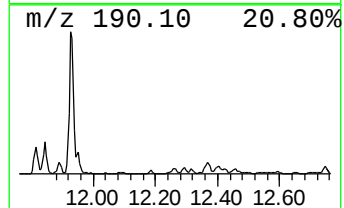
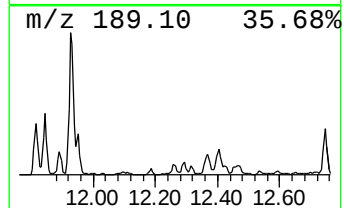
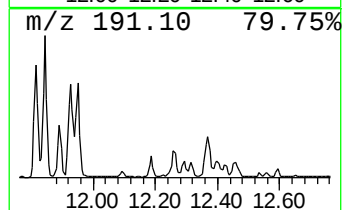
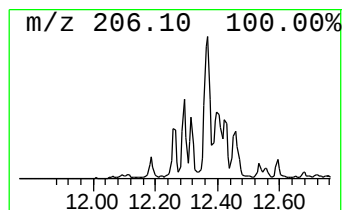
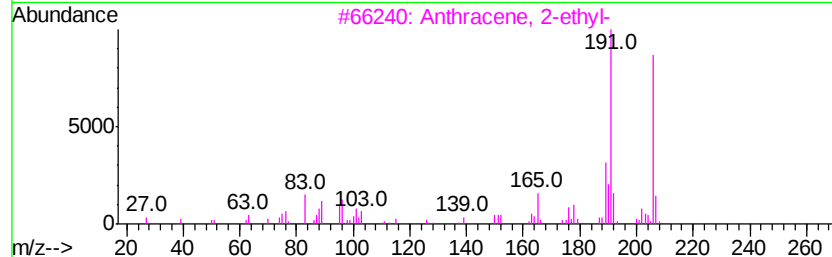
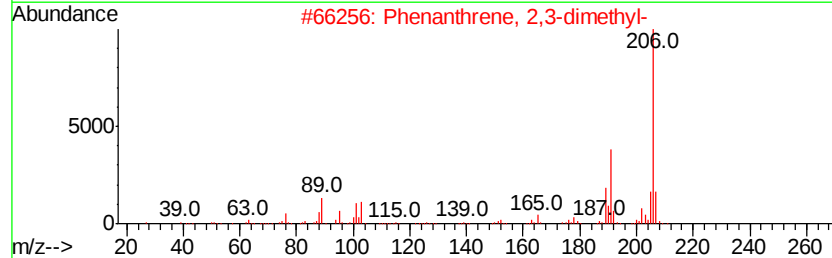
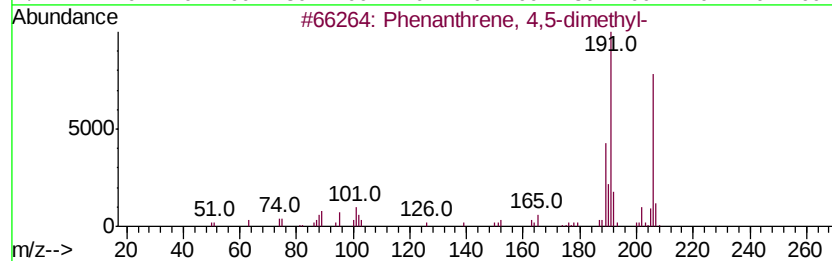
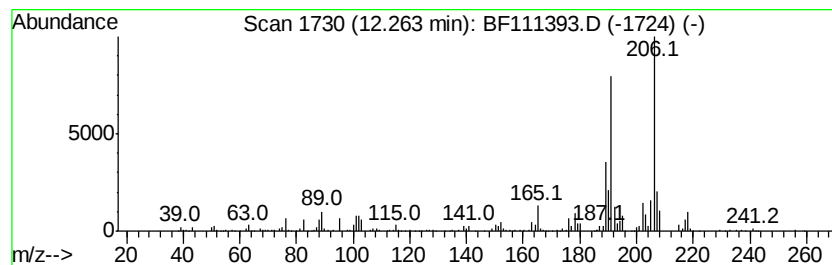
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BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.26	7.19 ng	597621	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
Acq On : 14 Dec 2018 1:59
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

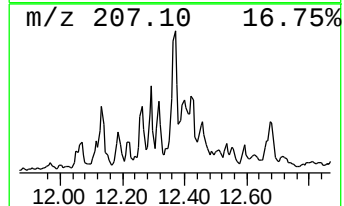
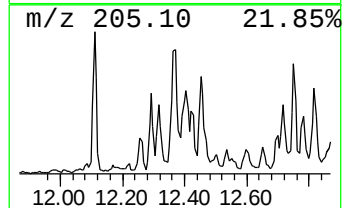
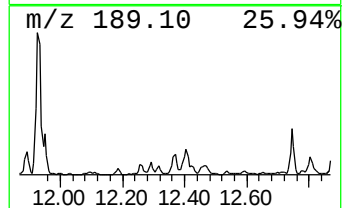
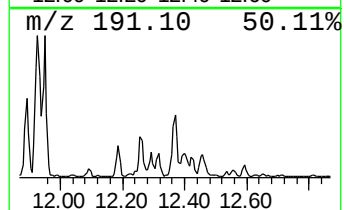
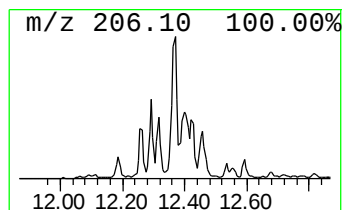
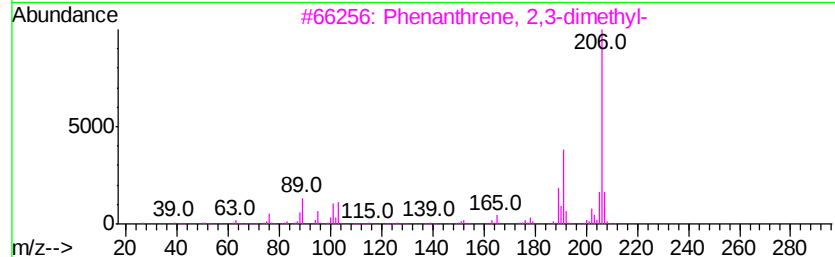
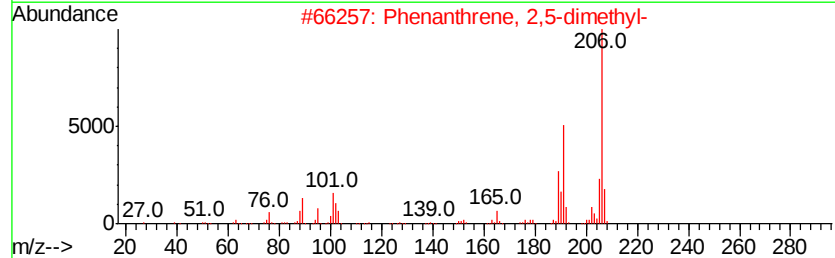
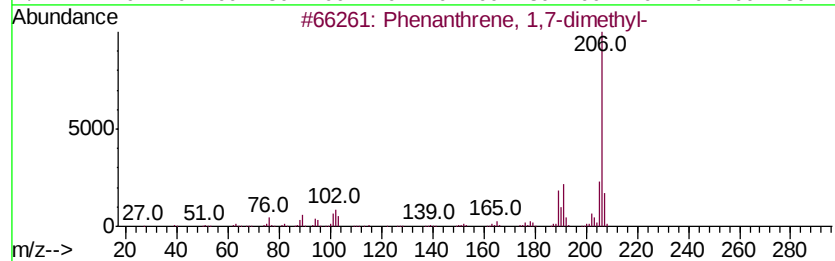
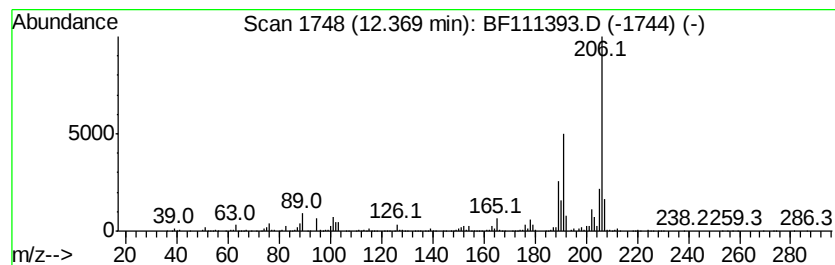
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	14.40 ng	1196420	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
Acq On : 14 Dec 2018 1:59
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

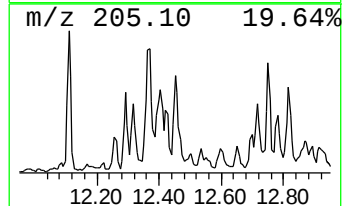
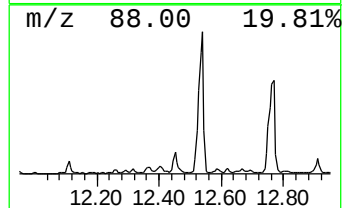
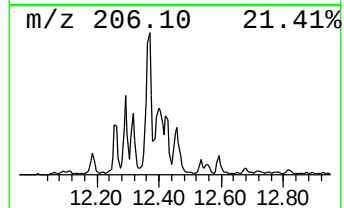
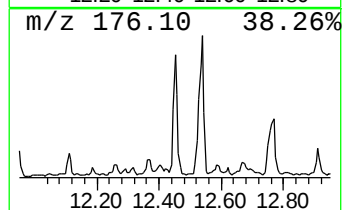
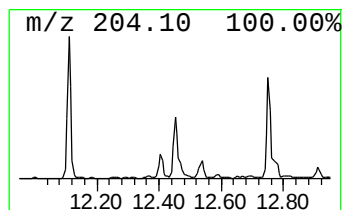
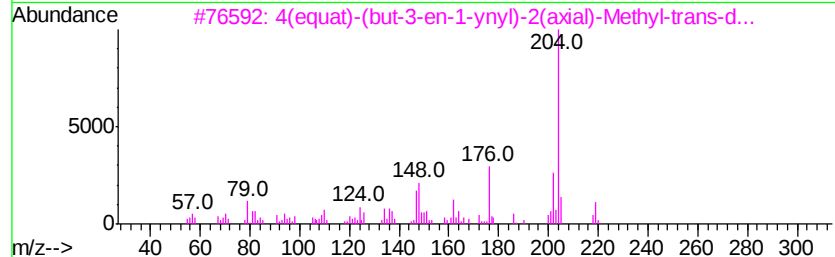
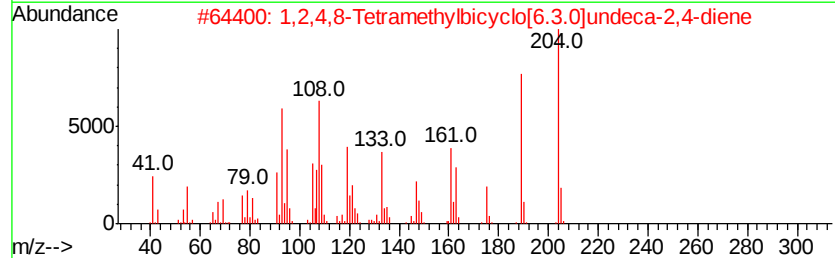
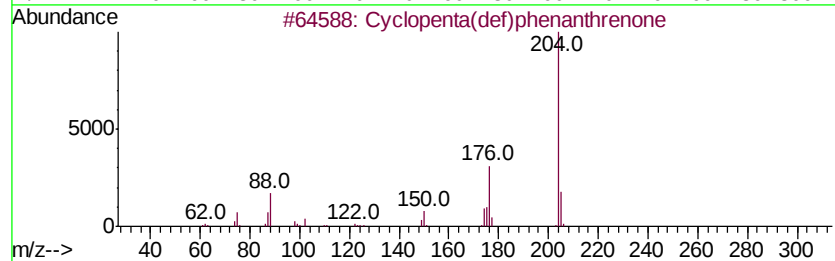
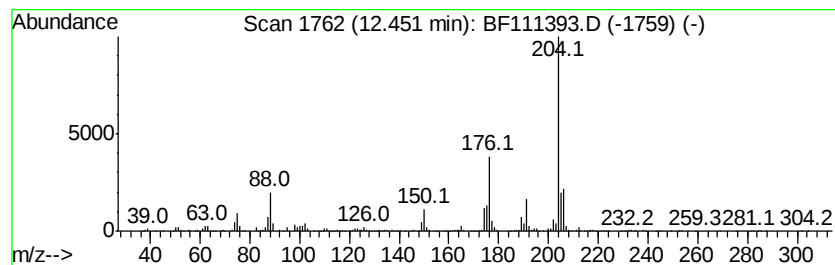
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	11.15 ng	926279	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	45
3		4(equat)-(but-3-en-1-ynyl)-2(axial)-Methyl-trans-d...	219	C14H21NO	038423-22-2	40
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	40
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111393.D
Acq On : 14 Dec 2018 1:59
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

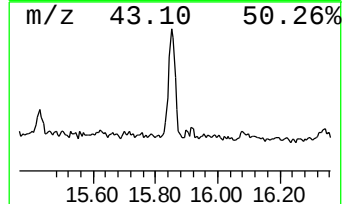
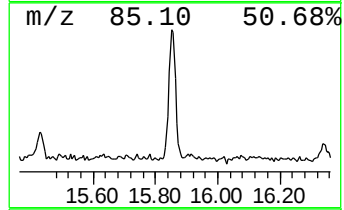
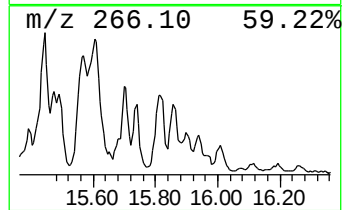
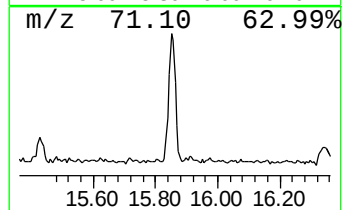
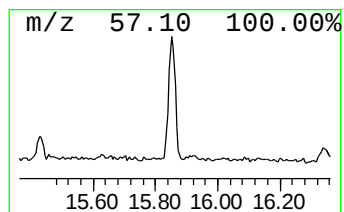
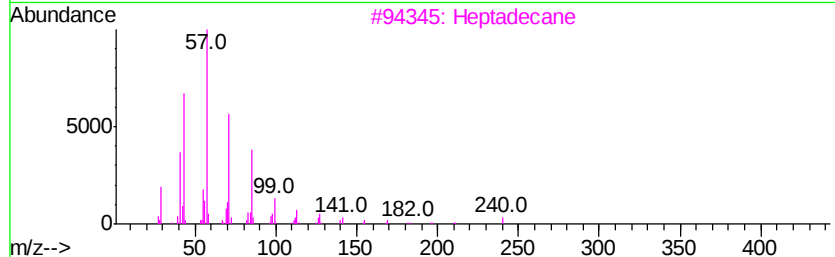
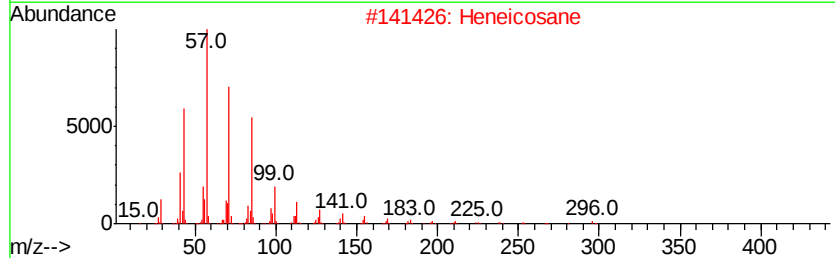
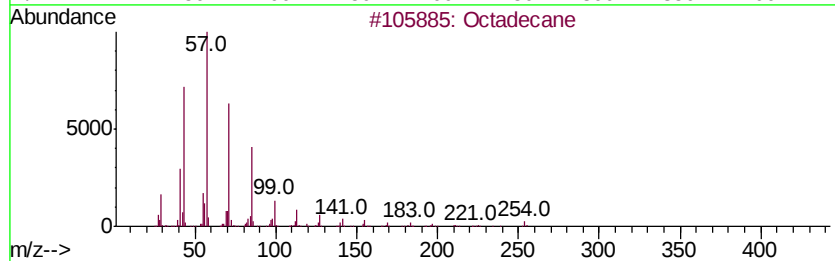
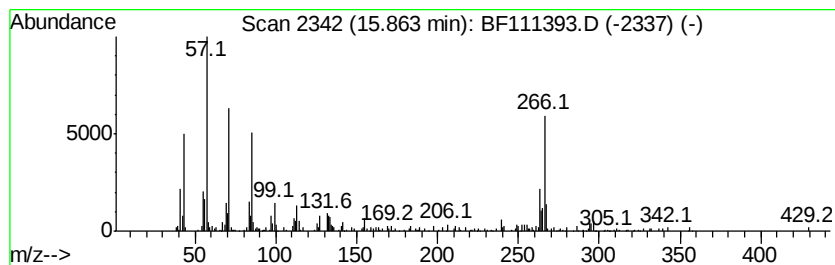
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	7.47 ng	464200	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	64
4		Nonadecane	268	C19H40	000629-92-5	45
5		Hexacosane	366	C26H54	000630-01-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121318\
 Data File : BF111393.D
 Acq On : 14 Dec 2018 1:59
 Operator : JU/SJ
 Sample : J6208-17 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.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
unknown6.57	6.57	35.7	ng	3201810	1	6.79	1794440	20.0
9H-Fluorene, 2-me...	10.92	8.2	ng	680784	4	11.32	1661380	20.0
9H-Fluoren-9-one	11.12	6.8	ng	561475	4	11.32	1661380	20.0
Anthracene, 1,2,3...	11.17	7.8	ng	650687	4	11.32	1661380	20.0
Phenanthrene, 2-m...	11.82	20.8	ng	1730970	4	11.32	1661380	20.0
Phenanthrene, 1-m...	11.85	32.8	ng	2722760	4	11.32	1661380	20.0
Benzaldehyde, 3,5...	11.93	35.2	ng	2920810	4	11.32	1661380	20.0
Phenanthrene, 4-m...	11.95	14.9	ng	1237920	4	11.32	1661380	20.0
9,10-Anthracenedione	12.13	8.3	ng	692263	4	11.32	1661380	20.0
Phenanthrene, 4,5...	12.26	7.2	ng	597621	4	11.32	1661380	20.0
Phenanthrene, 1,7...	12.37	14.4	ng	1196420	4	11.32	1661380	20.0
Cyclopenta(def)ph...	12.45	11.2	ng	926279	4	11.32	1661380	20.0
Octadecane	15.86	7.5	ng	464200	6	15.39	1243160	20.0