

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111508.D
 Acq On : 16 Dec 2018 15:03
 Operator : JU/SJ
 Sample : J6208-17 2X
 Misc :
 ALS Vial : 5 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-BF121418.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	560	564	579	rBV	2186795	2054846	26.69%	1.909%
2	6.428	733	738	747	rBV	2368533	2406759	31.27%	2.236%
3	6.557	756	760	769	rBV	2746185	2258920	29.34%	2.098%
4	6.787	795	799	807	rBV	1401654	1123247	14.59%	1.043%
5	6.945	822	826	829	rBV	1808371	1647787	21.41%	1.531%
6	7.345	888	894	900	rBV	1646442	1451020	18.85%	1.348%
7	7.463	906	914	927	rVB	125078	207433	2.69%	0.193%
8	8.069	1013	1017	1020	rBV	1795534	1494852	19.42%	1.389%
9	9.145	1196	1200	1210	rBV	2233954	1955874	25.41%	1.817%
10	9.404	1239	1244	1249	rBV	142944	196050	2.55%	0.182%
11	9.481	1254	1257	1260	rBV	458008	461303	5.99%	0.428%
12	9.533	1264	1266	1272	rVB	220806	200229	2.60%	0.186%
13	9.681	1286	1291	1295	rBV	355674	322590	4.19%	0.300%
14	9.804	1306	1312	1313	rBV2	269020	349850	4.54%	0.325%
15	9.822	1313	1315	1318	rVV2	1884658	1498697	19.47%	1.392%
16	9.851	1318	1320	1324	rVB	725687	637077	8.28%	0.592%
17	10.028	1346	1350	1353	rBV	477824	475867	6.18%	0.442%
18	10.228	1380	1384	1386	rBV	144351	164497	2.14%	0.153%
19	10.369	1404	1408	1414	rVB	947962	836283	10.86%	0.777%
20	10.433	1417	1419	1421	rVV	245643	212494	2.76%	0.197%
21	10.528	1432	1435	1440	rVB	334904	368174	4.78%	0.342%
22	10.610	1445	1449	1453	rVV	1338439	1357005	17.63%	1.260%
23	10.733	1467	1470	1477	rVB2	189186	218638	2.84%	0.203%
24	10.916	1494	1501	1504	rBV3	359964	509536	6.62%	0.473%
25	10.945	1504	1506	1509	rVV2	228231	218141	2.83%	0.203%
26	10.998	1513	1515	1518	rVB2	183316	163707	2.13%	0.152%
27	11.045	1518	1523	1525	rBV3	230263	312305	4.06%	0.290%
28	11.069	1525	1527	1531	rVV	257176	291483	3.79%	0.271%
29	11.110	1531	1534	1539	rVV	376010	405477	5.27%	0.377%
30	11.163	1539	1543	1547	rVV3	325897	522778	6.79%	0.486%
31	11.204	1547	1550	1556	rVB	436614	470310	6.11%	0.437%
32	11.310	1563	1568	1569	rBV	1100492	1217604	15.82%	1.131%
33	11.339	1569	1573	1576	rVV	6154432	5908143	76.75%	5.488%
34	11.380	1577	1580	1583	rVV	1913083	1751457	22.75%	1.627%

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35	11.416	1583	1586	1589	rVB2	215030	227711	2.96%	0.212%
36	11.533	1600	1606	1609	rBV2	402793	427206	5.55%	0.397%
37	11.604	1615	1618	1620	rVB	245871	192043	2.49%	0.178%
38	11.633	1620	1623	1627	rBV2	275457	262035	3.40%	0.243%
39	11.716	1635	1637	1641	rVB	158613	160741	2.09%	0.149%
40	11.810	1649	1653	1655	rVV	1281909	1173659	15.25%	1.090%
41	11.839	1655	1658	1659	rVV	2251410	2267908	29.46%	2.107%
42	11.857	1659	1661	1664	rVV	3123728	2930702	38.07%	2.722%
43	11.880	1664	1665	1668	rVV	764759	688064	8.94%	0.639%
44	11.922	1668	1672	1674	rVV	2001729	2149468	27.92%	1.997%
45	11.945	1674	1676	1680	rVV	952732	805690	10.47%	0.748%
46	12.104	1700	1703	1705	rVV	799827	729987	9.48%	0.678%
47	12.127	1705	1707	1713	rVB2	545712	467902	6.08%	0.435%
48	12.251	1723	1728	1731	rBV2	352936	400394	5.20%	0.372%
49	12.280	1731	1733	1736	rBV	254228	232251	3.02%	0.216%
50	12.310	1736	1738	1740	rVB	247225	191548	2.49%	0.178%
51	12.357	1742	1746	1749	rBV	653168	765249	9.94%	0.711%
52	12.398	1749	1753	1755	rBV3	323067	346825	4.51%	0.322%
53	12.445	1758	1761	1766	rVB2	536088	607695	7.89%	0.564%
54	12.533	1770	1776	1778	rBV	6434331	7493399	97.34%	6.960%
55	12.633	1787	1793	1797	rBV2	2207335	2688023	34.92%	2.497%
56	12.757	1808	1814	1818	rBV2	5610771	7697915	100.00%	7.150%
57	12.798	1818	1821	1826	rVB2	380867	507214	6.59%	0.471%
58	12.863	1829	1832	1834	rBV	416872	416333	5.41%	0.387%
59	12.892	1834	1837	1844	rVB2	1147685	1479593	19.22%	1.374%
60	12.969	1844	1850	1853	rBV4	633522	1008642	13.10%	0.937%
61	13.051	1861	1864	1866	rBV3	490385	584584	7.59%	0.543%
62	13.074	1866	1868	1871	rVB	1185138	1052977	13.68%	0.978%
63	13.145	1876	1880	1882	rBV	717037	650465	8.45%	0.604%
64	13.180	1882	1886	1889	rVV2	923915	969609	12.60%	0.901%
65	13.274	1898	1902	1904	rVB	451460	406270	5.28%	0.377%
66	13.304	1904	1907	1910	rBV	502592	509982	6.62%	0.474%
67	13.457	1929	1933	1934	rBV2	150034	183313	2.38%	0.170%
68	13.480	1934	1937	1938	rVV3	233227	255123	3.31%	0.237%
69	13.498	1938	1940	1943	rVV	247791	244409	3.18%	0.227%
70	13.580	1951	1954	1959	rVV	735046	820935	10.66%	0.763%
71	13.692	1969	1973	1976	rBV2	771107	949470	12.33%	0.882%

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72	13.721	1976	1978	1980	rVV	756757	616174	8.00%	0.572%
73	13.745	1980	1982	1986	rVV2	508593	691624	8.98%	0.642%
74	13.792	1987	1990	1997	rVB	758761	811984	10.55%	0.754%
75	13.945	2009	2016	2019	rBV2	3750845	5983135	77.72%	5.558%
76	13.980	2019	2022	2027	rVB	3453322	3367583	43.75%	3.128%
77	14.051	2032	2034	2037	rBV	407484	292231	3.80%	0.271%
78	14.133	2046	2048	2050	rVV	315261	256474	3.33%	0.238%
79	14.168	2050	2054	2057	rVV2	334254	474756	6.17%	0.441%
80	14.198	2057	2059	2062	rVB2	166125	161311	2.10%	0.150%
81	14.292	2073	2075	2077	rBV	238111	213298	2.77%	0.198%
82	14.333	2078	2082	2084	rVV	918871	965678	12.54%	0.897%
83	14.363	2084	2087	2090	rVV	515100	509385	6.62%	0.473%
84	14.421	2091	2097	2100	rVV5	357750	575291	7.47%	0.534%
85	14.457	2100	2103	2104	rVV	411719	373116	4.85%	0.347%
86	14.474	2104	2106	2110	rVB3	433787	403026	5.24%	0.374%
87	14.527	2110	2115	2120	rVB4	269591	422469	5.49%	0.392%
88	14.633	2130	2133	2136	rBV2	184636	211847	2.75%	0.197%
89	14.815	2157	2164	2168	rBV4	250648	594605	7.72%	0.552%
90	14.980	2186	2192	2194	rBV	2561974	4066246	52.82%	3.777%
91	15.074	2205	2208	2212	rVB	572428	557471	7.24%	0.518%
92	15.157	2219	2222	2224	rBV2	145194	177511	2.31%	0.165%
93	15.268	2236	2241	2246	rVB	1373090	1918983	24.93%	1.783%
94	15.333	2246	2252	2256	rVB	2103597	2616783	33.99%	2.431%
95	15.386	2256	2261	2263	rBV	744990	961545	12.49%	0.893%
96	15.415	2263	2266	2272	rVB2	692434	950873	12.35%	0.883%
97	15.839	2334	2338	2344	rVB2	291800	410359	5.33%	0.381%
98	16.804	2495	2502	2508	rBV2	668132	1215049	15.78%	1.129%
99	16.962	2525	2529	2534	rVB	130214	218448	2.84%	0.203%
100	17.221	2568	2573	2588	rVB	449326	1023602	13.30%	0.951%

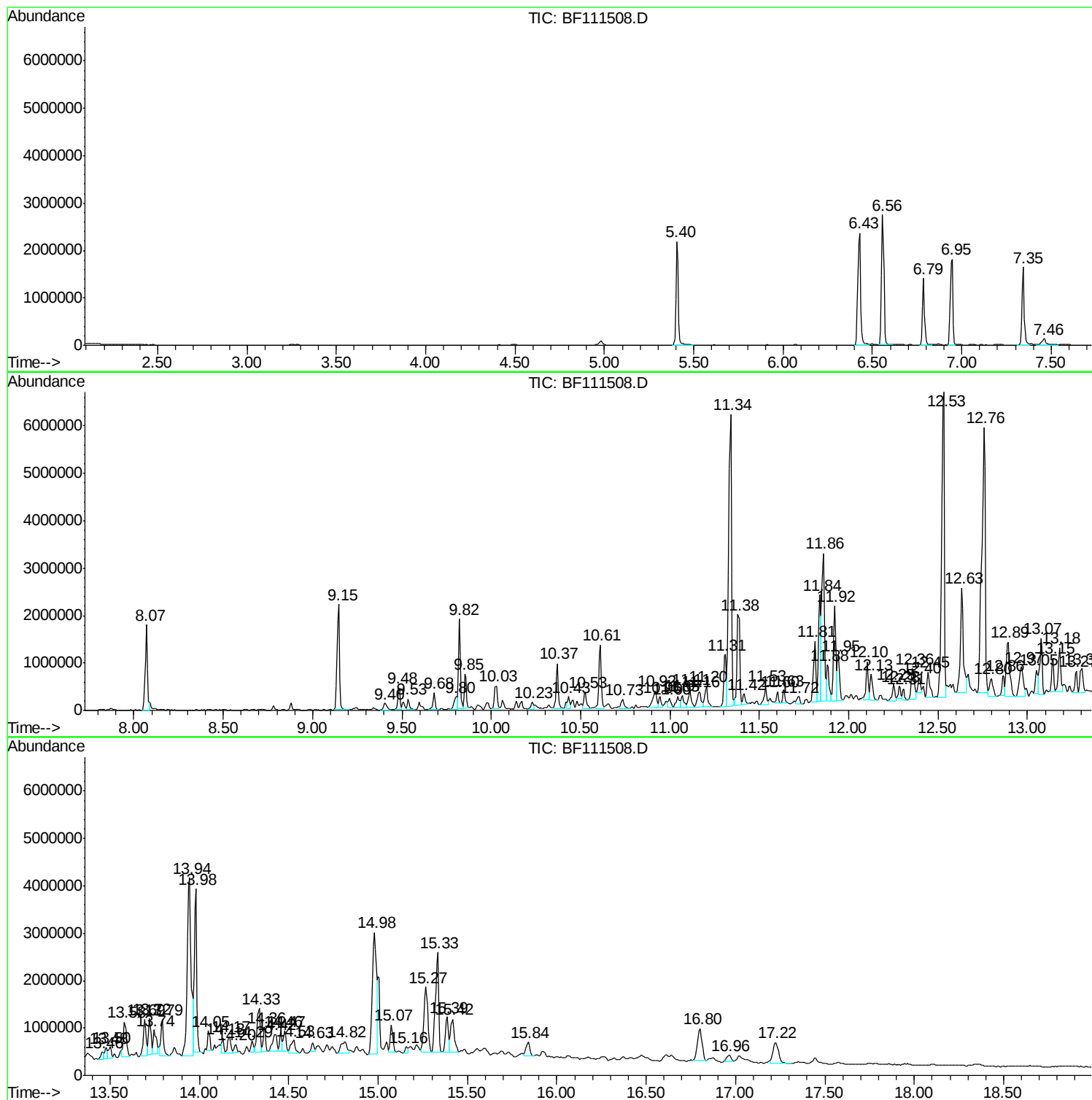
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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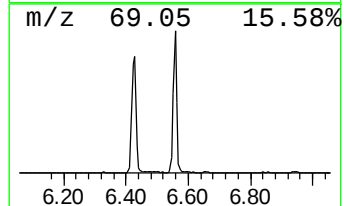
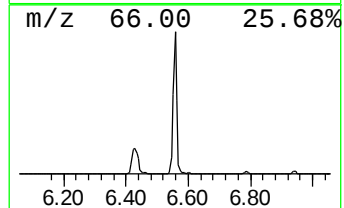
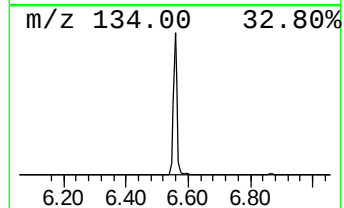
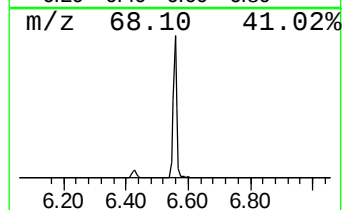
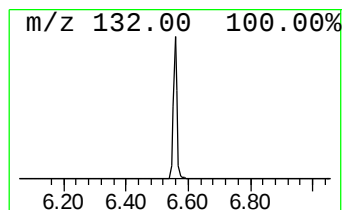
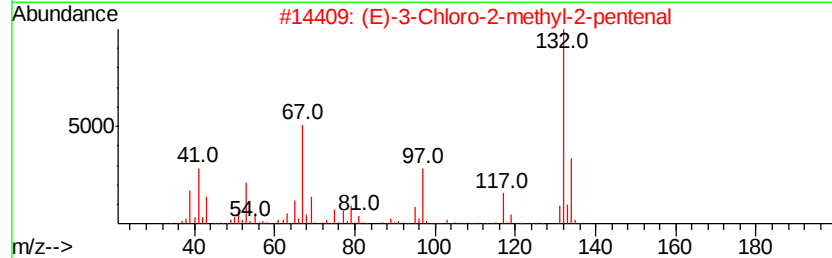
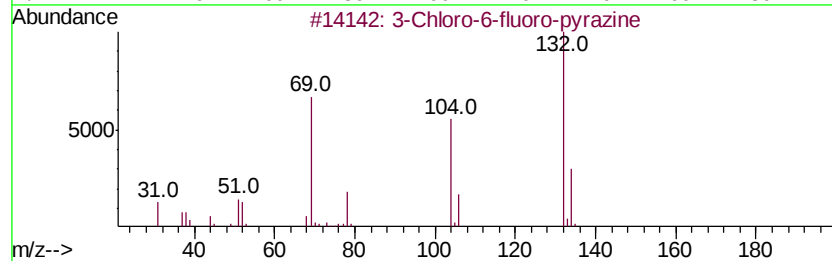
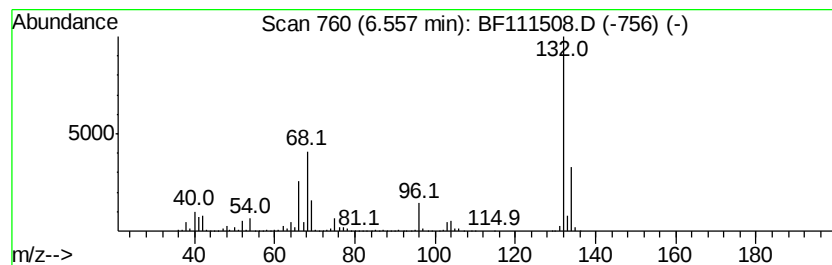
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	40.22 ng	2258920	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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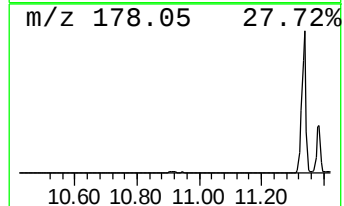
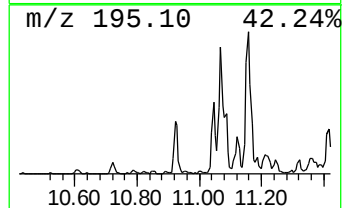
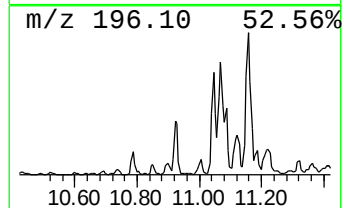
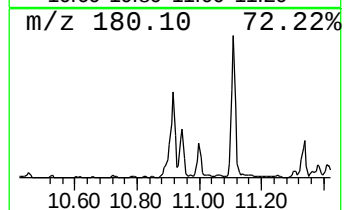
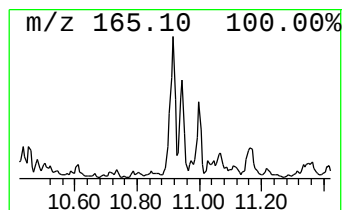
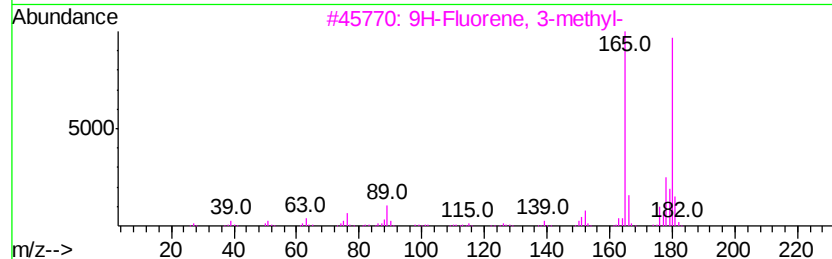
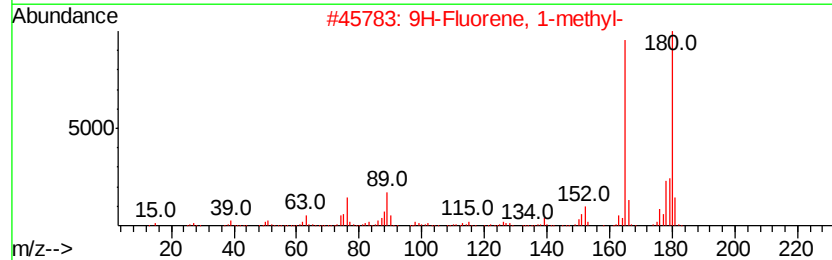
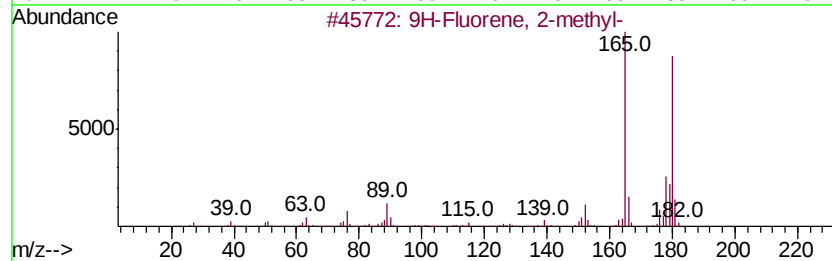
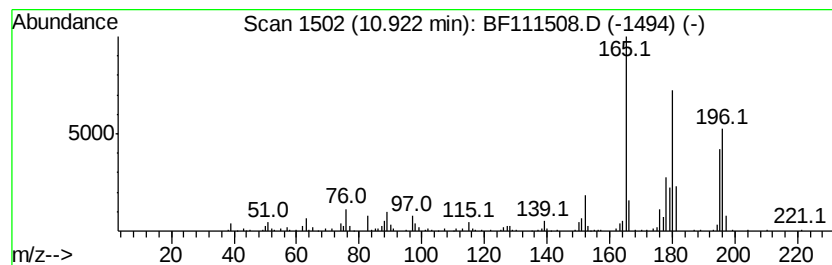
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	8.37 ng	509536	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	95
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94



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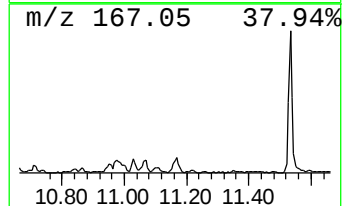
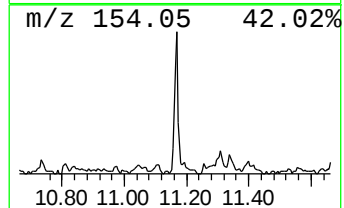
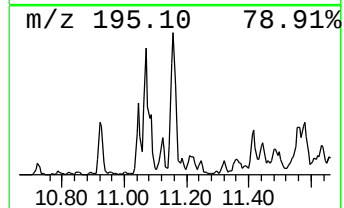
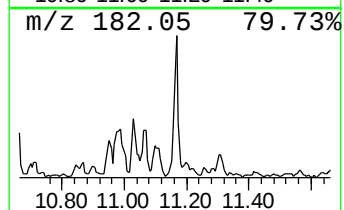
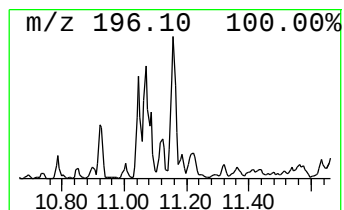
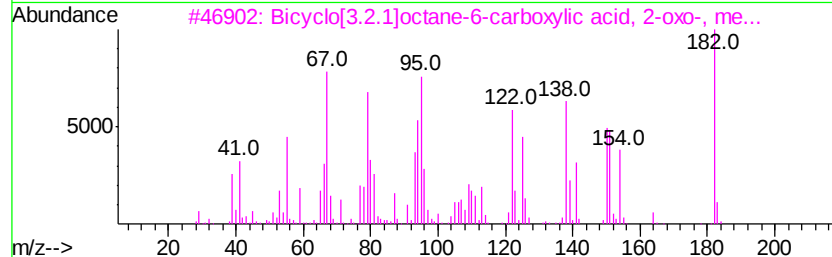
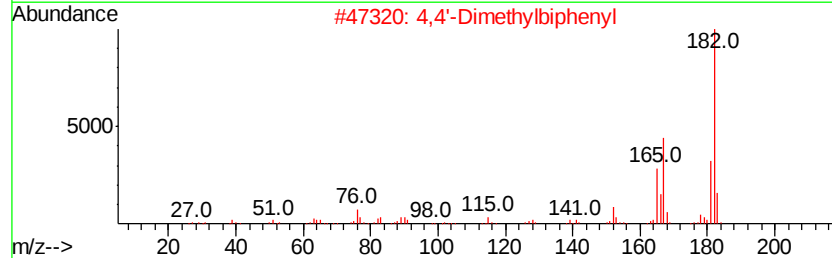
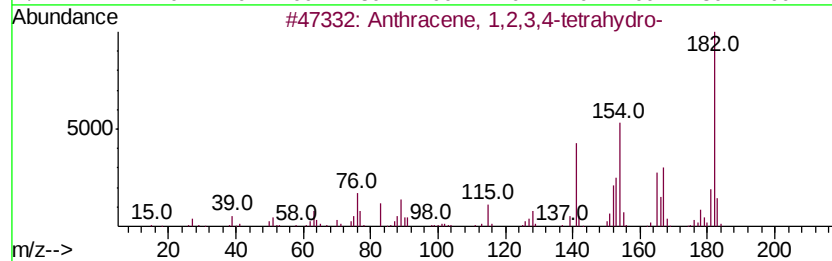
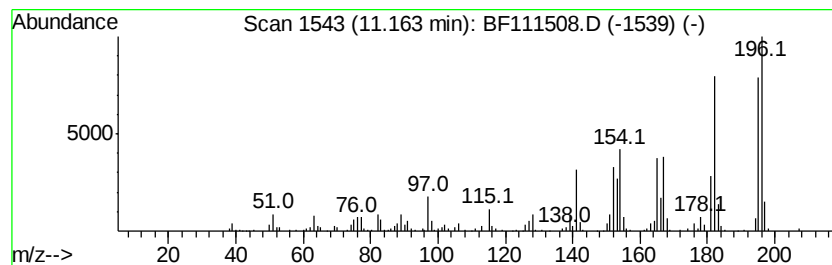
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.16	8.59 ng	522778	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	55
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
3	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	38
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	38
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	38



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Data File : BF111508.D
Acq On : 16 Dec 2018 15:03
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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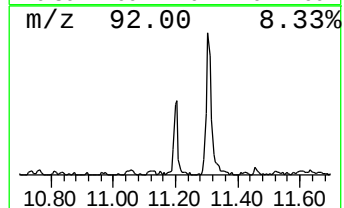
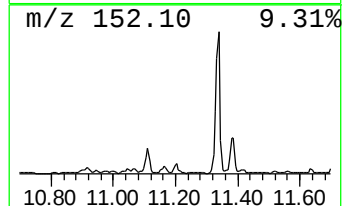
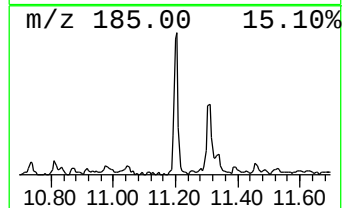
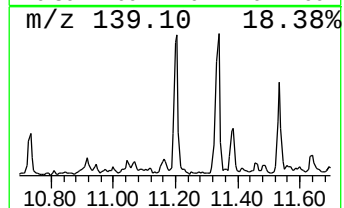
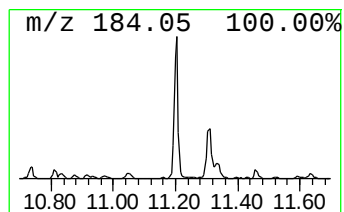
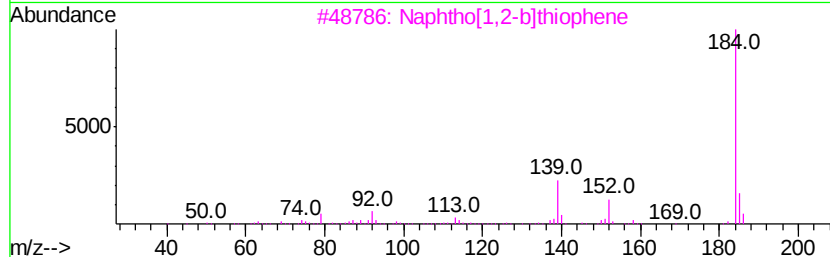
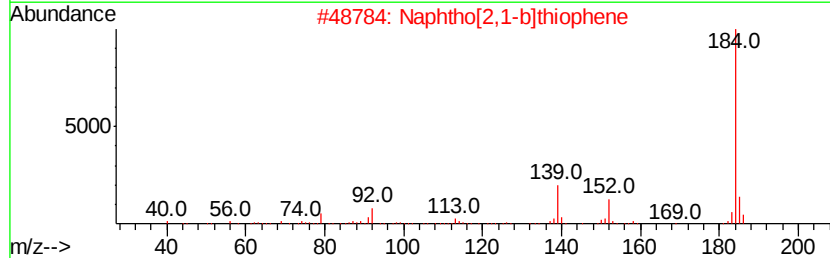
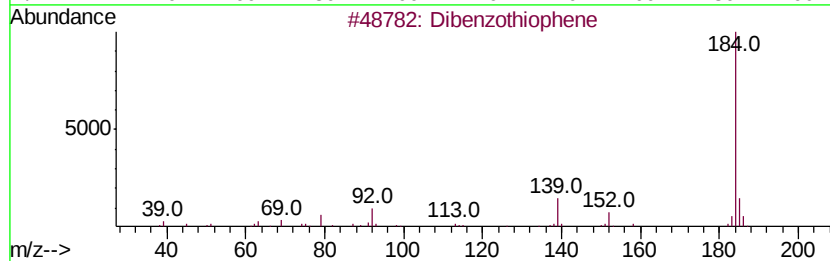
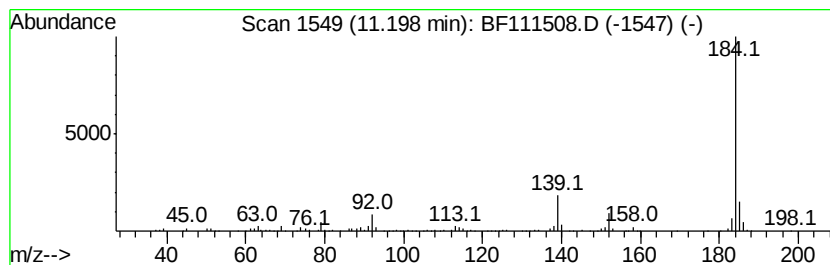
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	7.73 ng	470310	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
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Sample : J6208-17 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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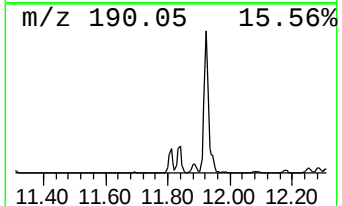
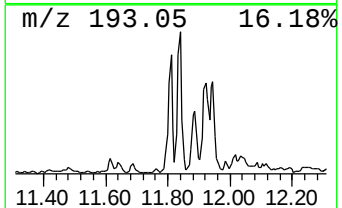
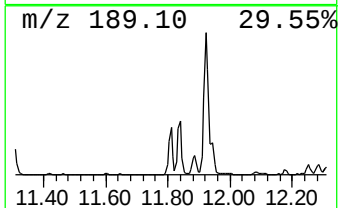
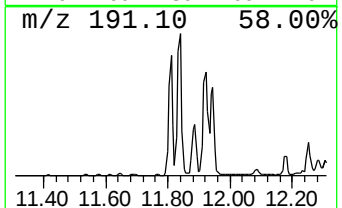
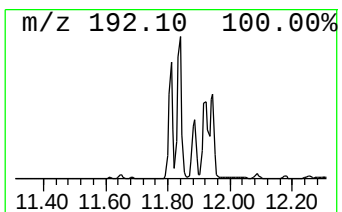
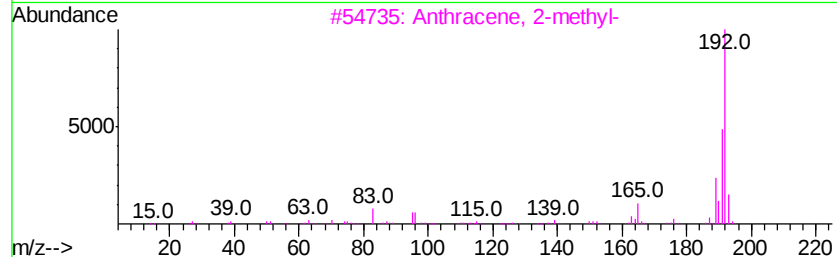
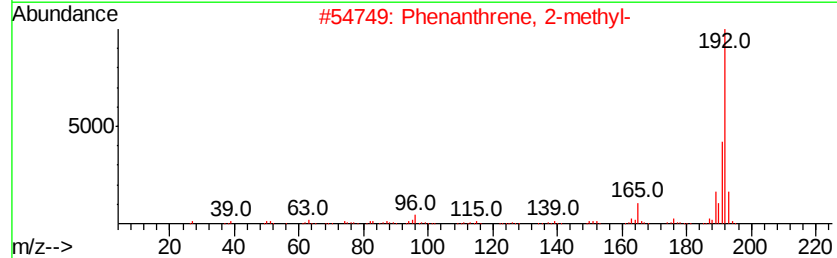
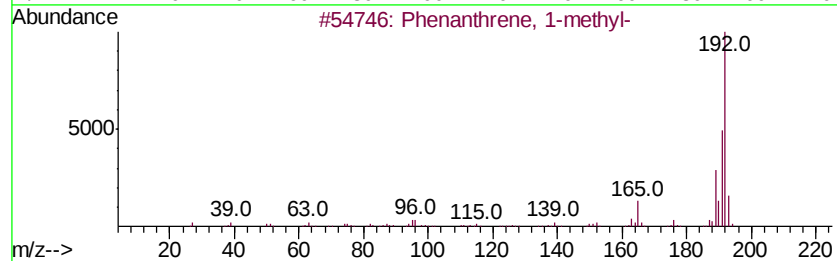
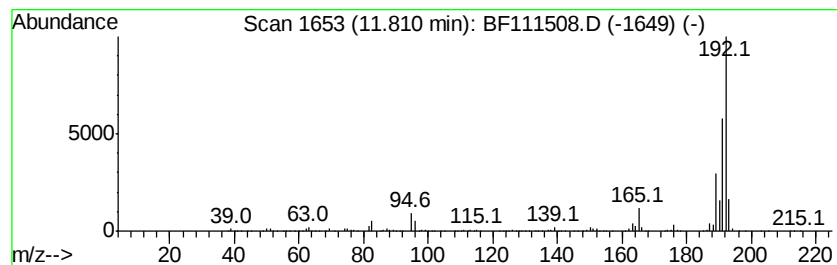
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	19.28 ng	1173660	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
Acq On : 16 Dec 2018 15:03
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
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ClientSampleId :
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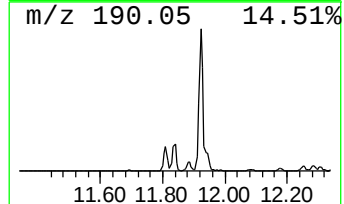
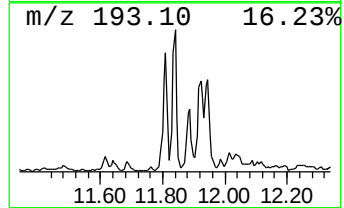
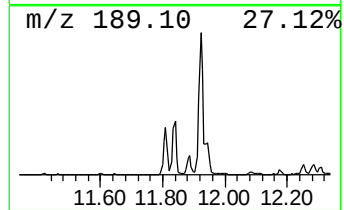
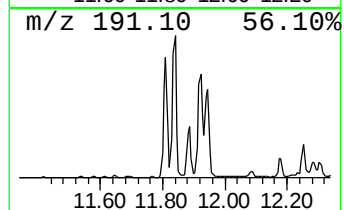
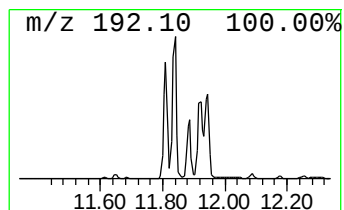
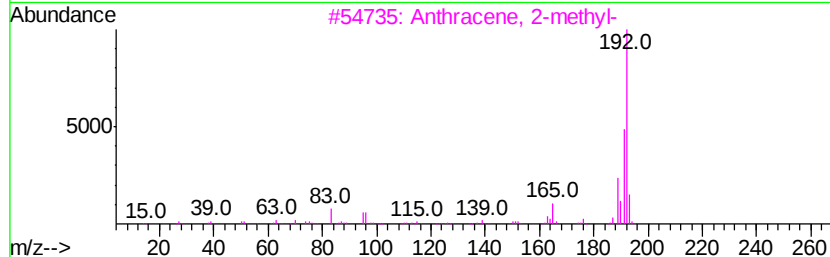
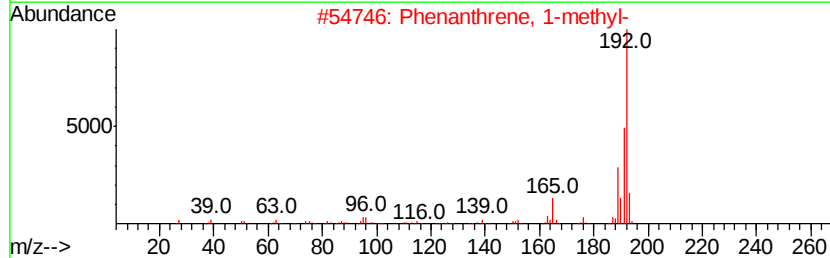
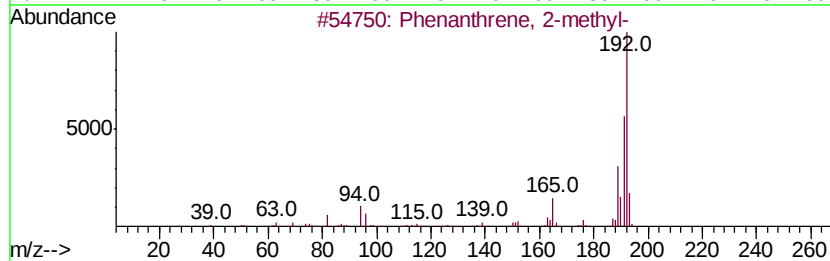
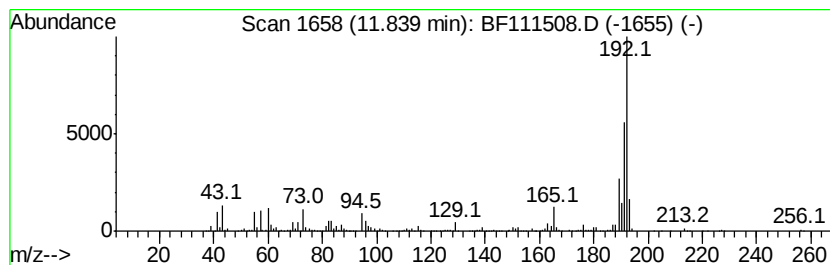
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	37.25 ng	2267910	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
Acq On : 16 Dec 2018 15:03
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Sample : J6208-17 2X
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Instrument :
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ClientSampleId :
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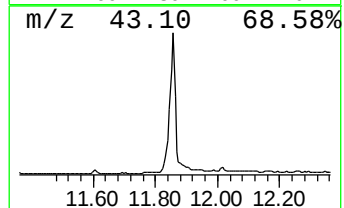
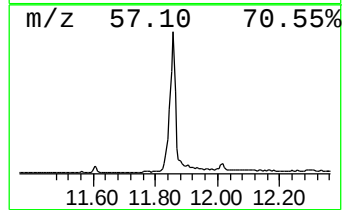
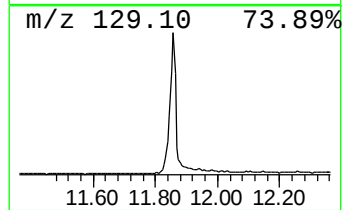
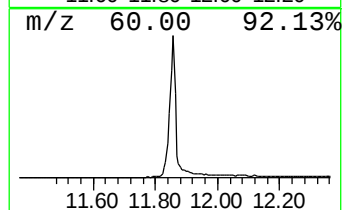
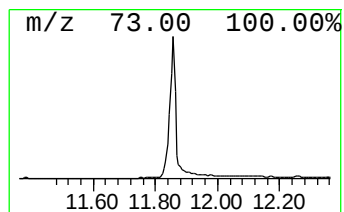
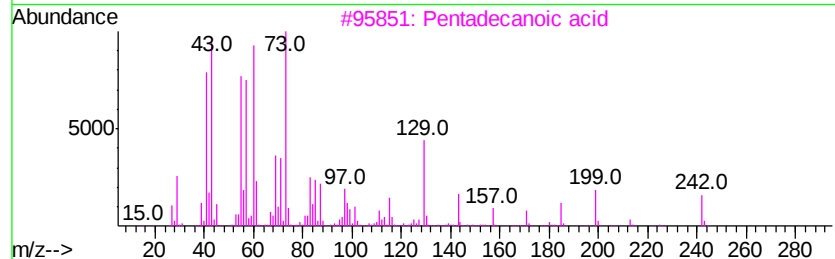
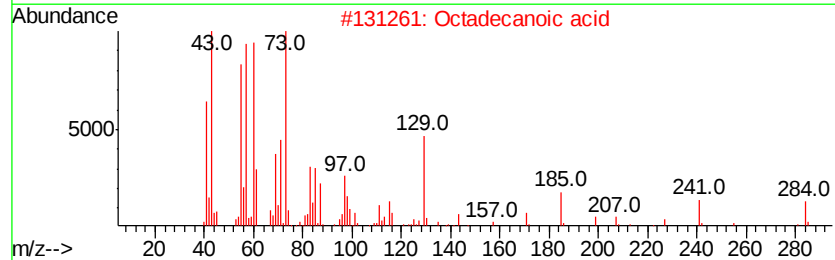
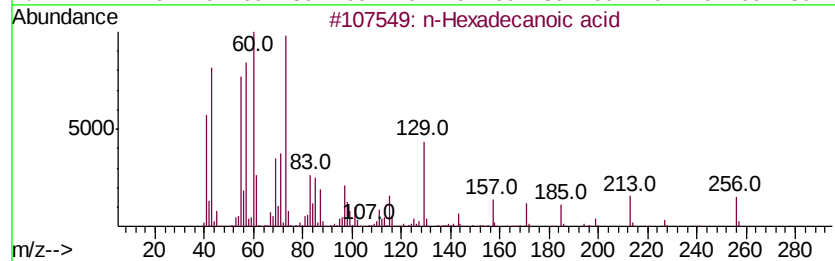
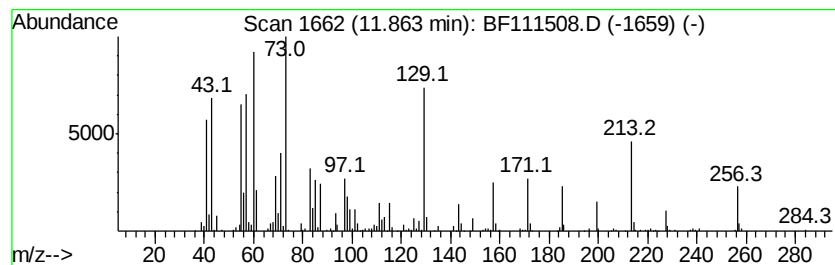
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	48.14 ng	2930700	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Octadecanoic acid	284	C18H36O2	000057-11-4	87
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
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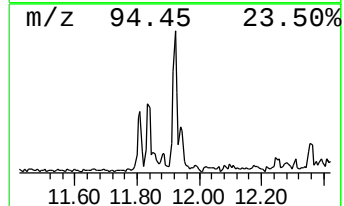
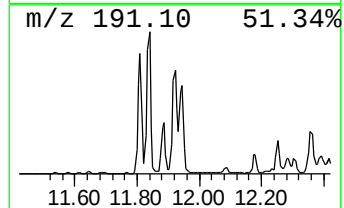
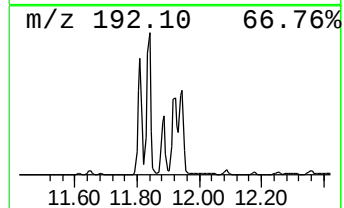
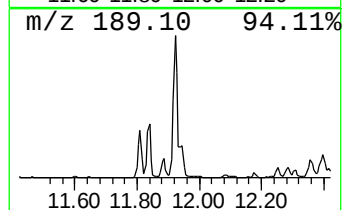
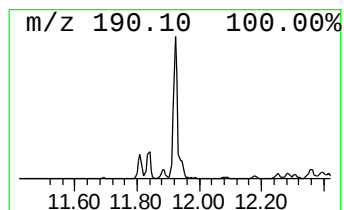
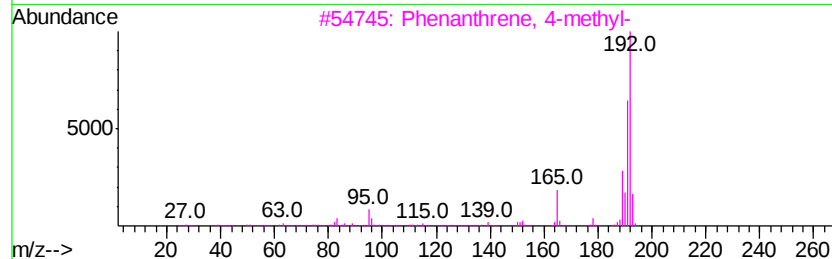
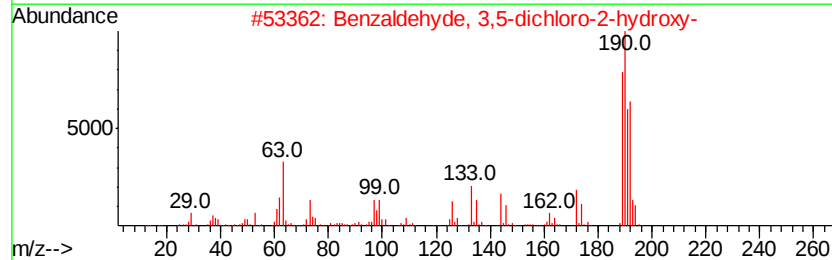
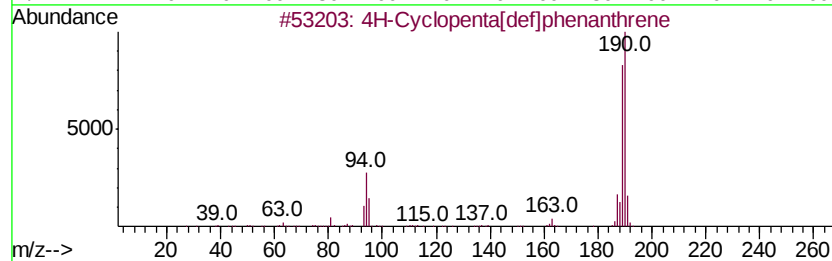
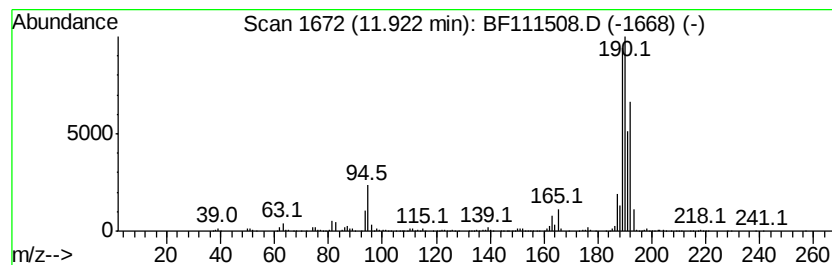
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	35.31 ng	2149470	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	30
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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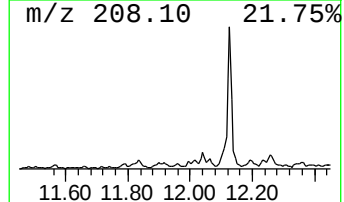
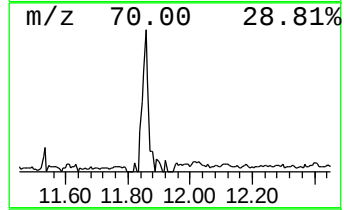
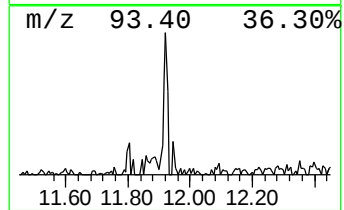
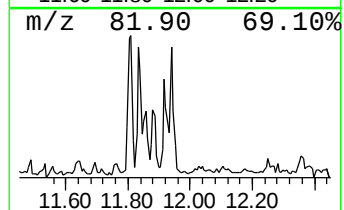
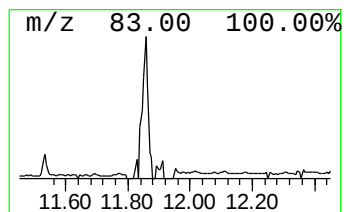
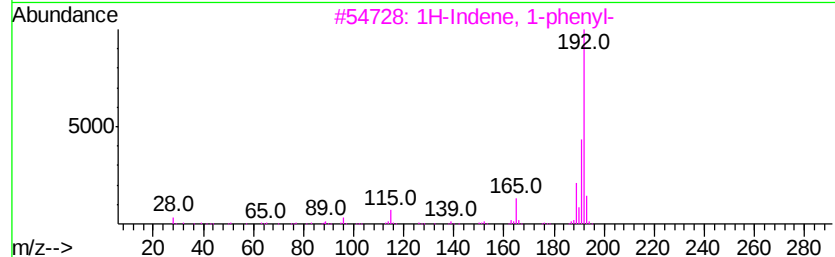
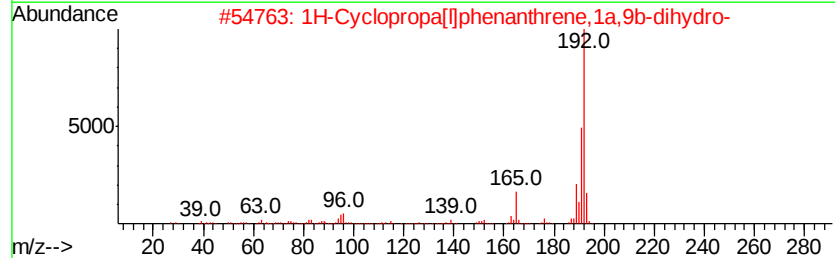
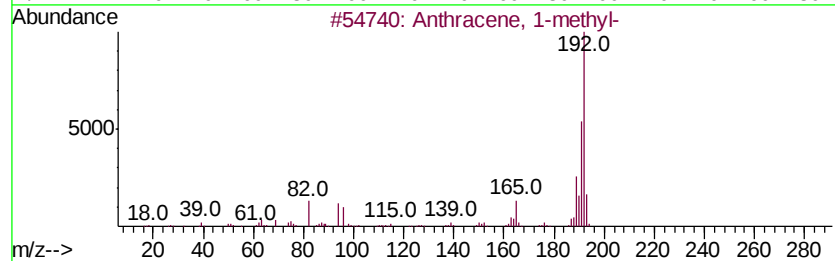
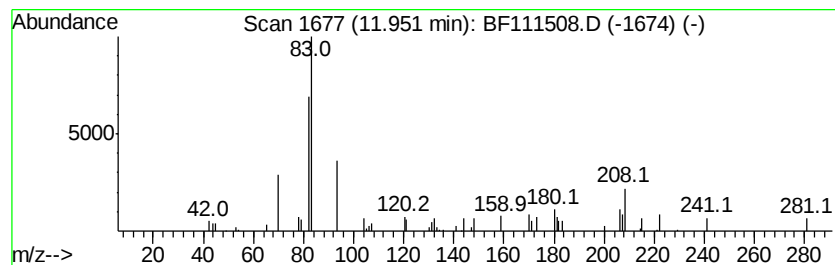
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	13.23 ng	805690	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
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ClientSampleId :
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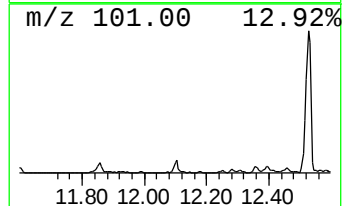
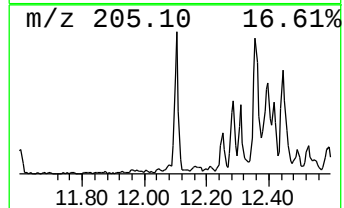
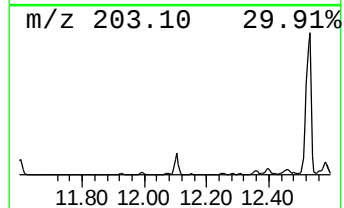
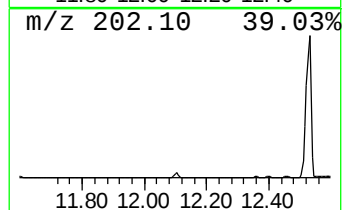
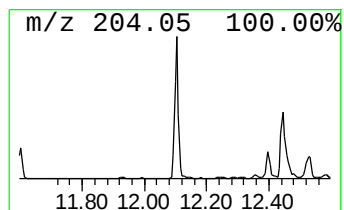
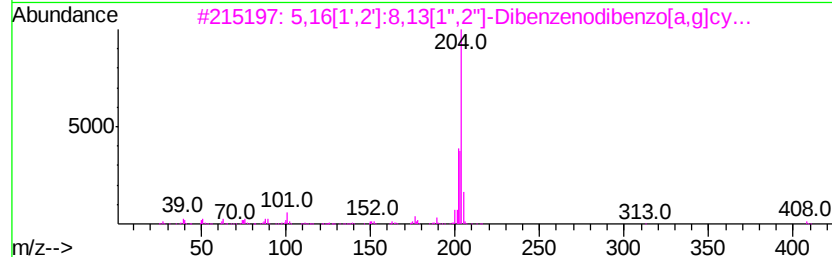
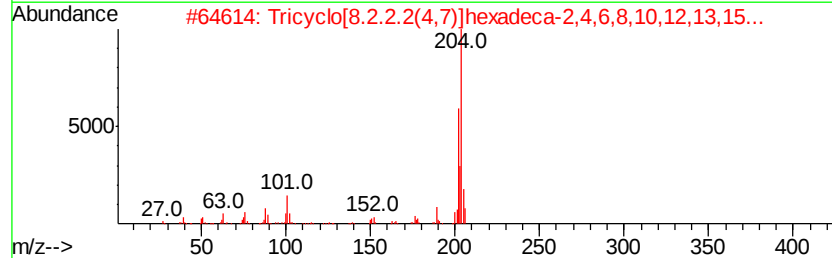
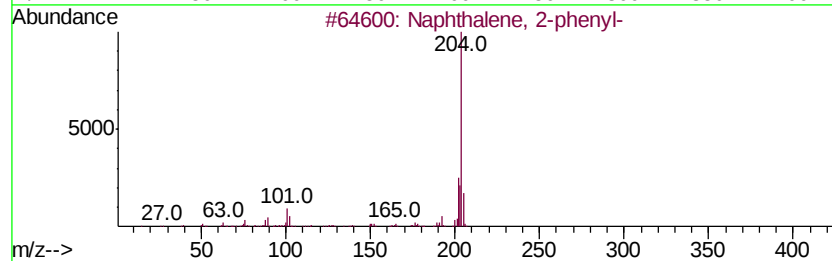
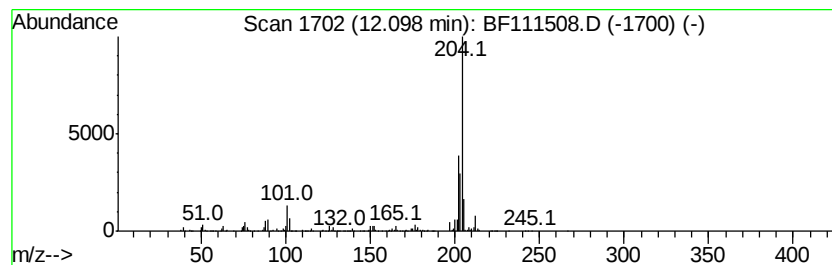
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	11.99 ng	729987	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111508.D
Acq On : 16 Dec 2018 15:03
Operator : JU/SJ
Sample : J6208-17 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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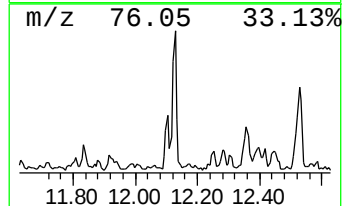
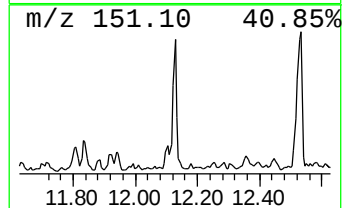
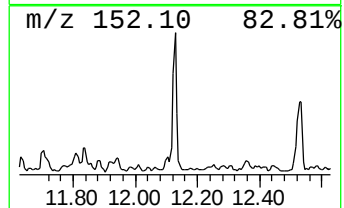
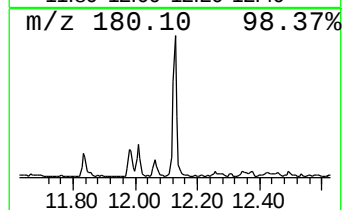
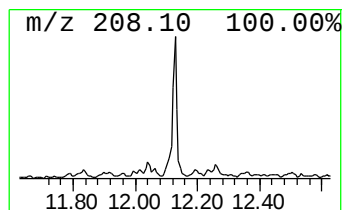
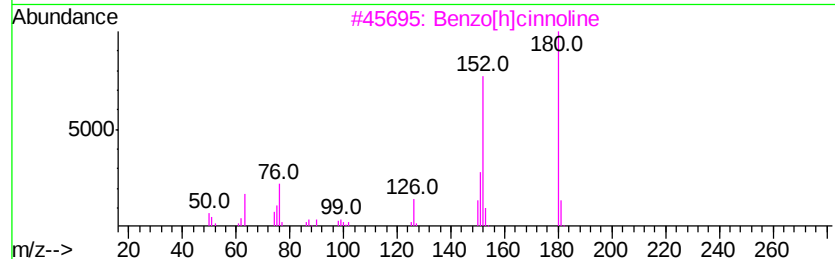
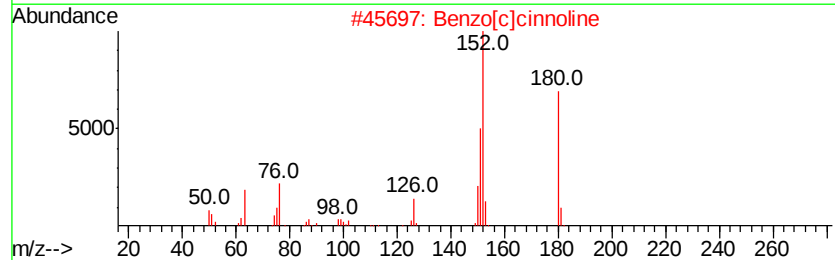
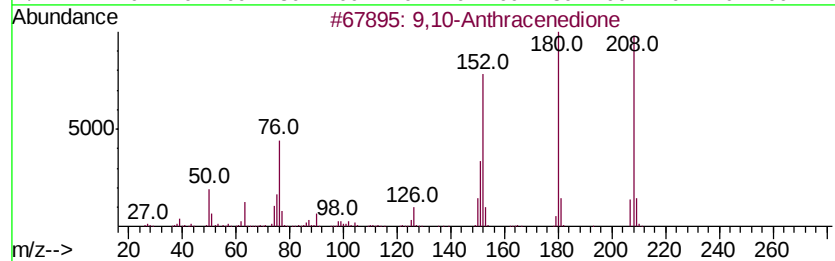
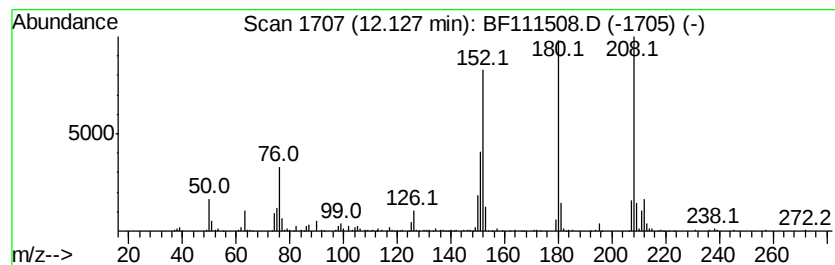
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	7.69 ng	467902	Phenanthrene-d10	11.30

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			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	58
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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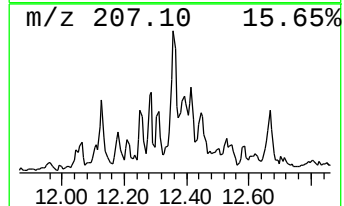
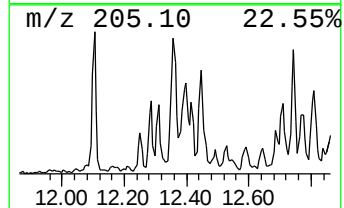
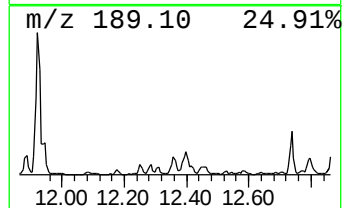
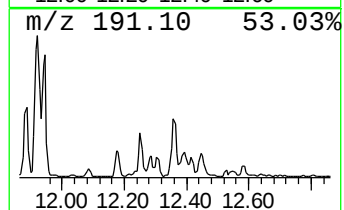
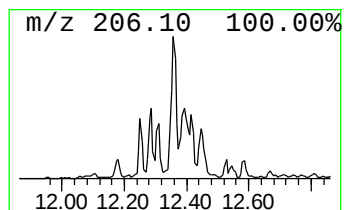
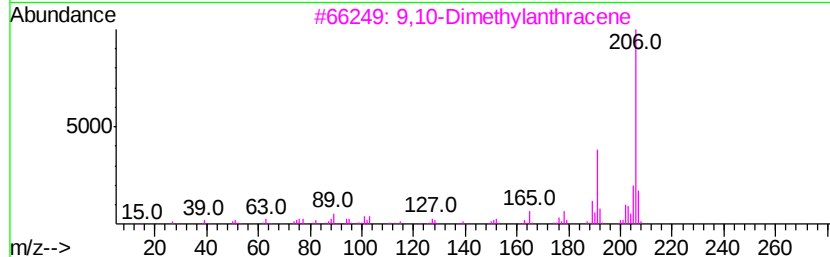
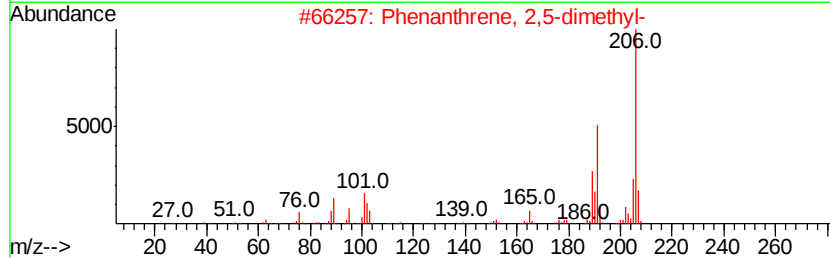
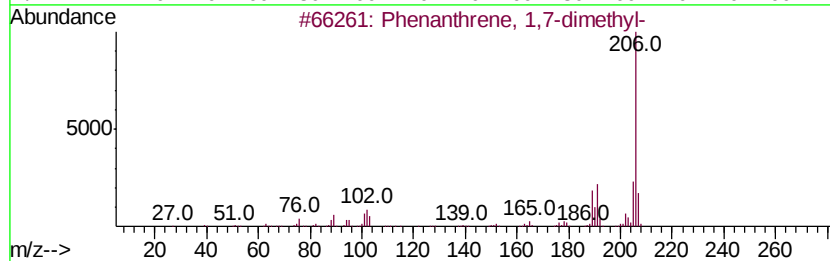
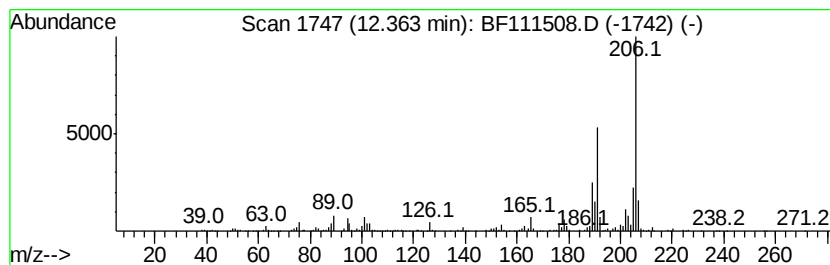
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	12.57 ng	765249	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



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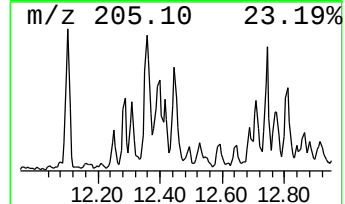
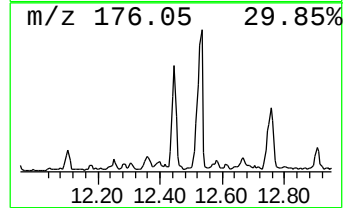
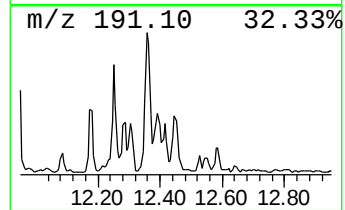
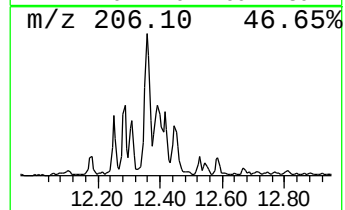
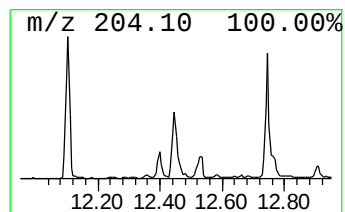
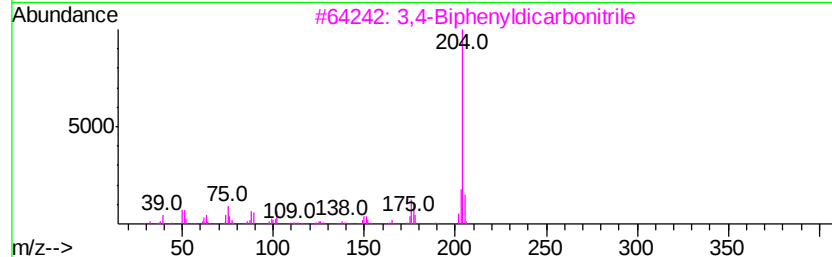
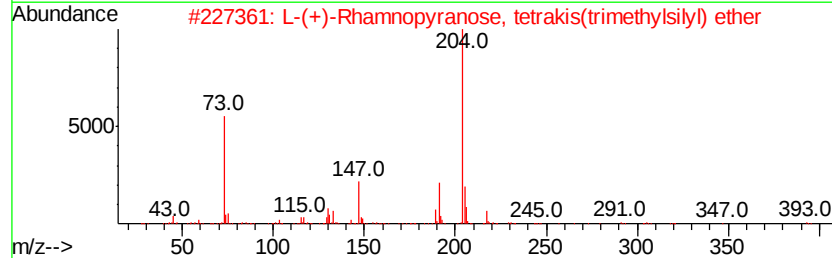
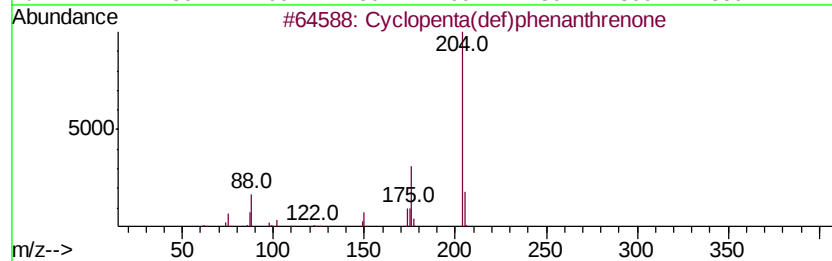
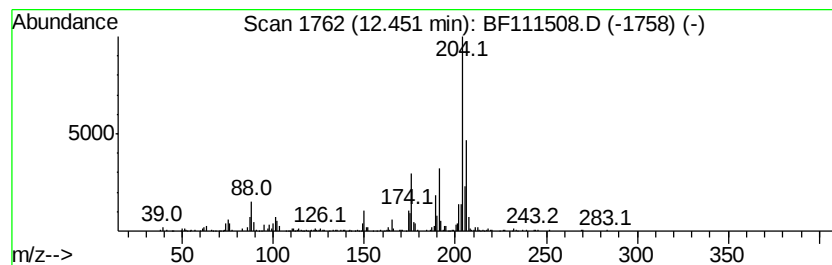
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	9.98 ng	607695	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	50
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46



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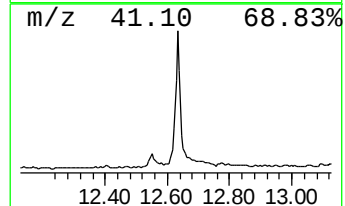
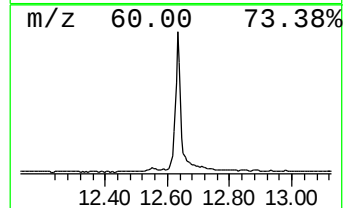
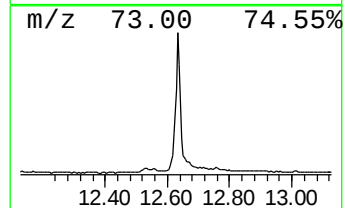
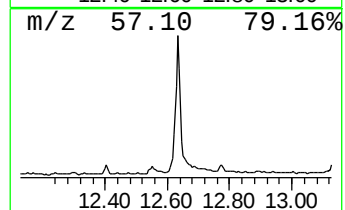
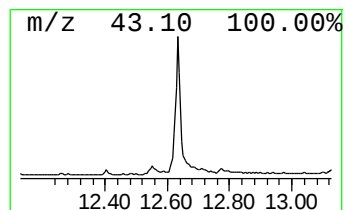
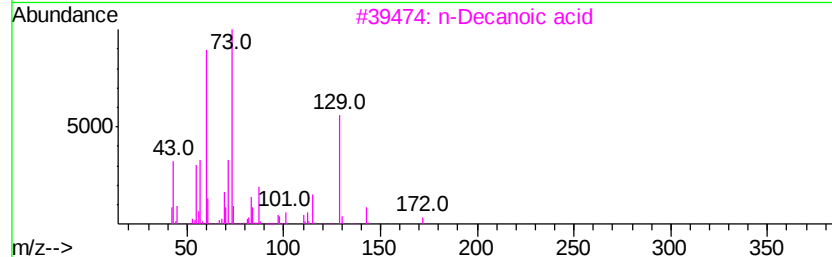
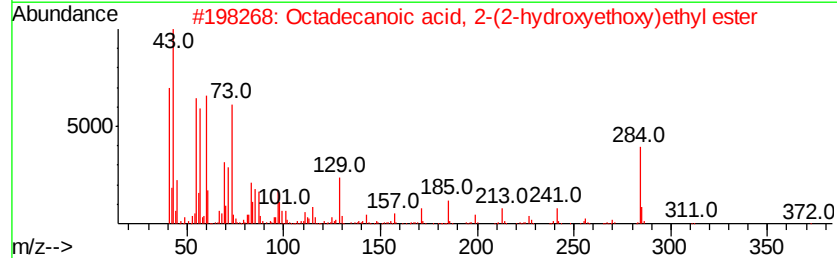
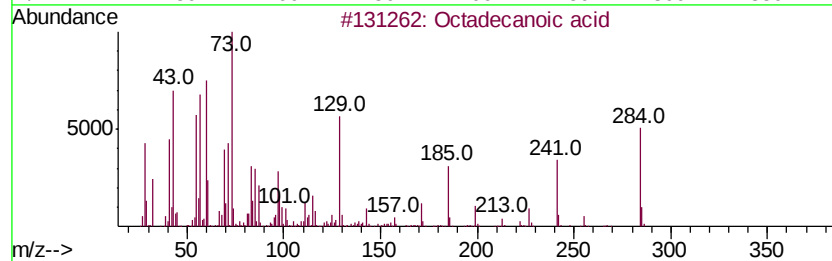
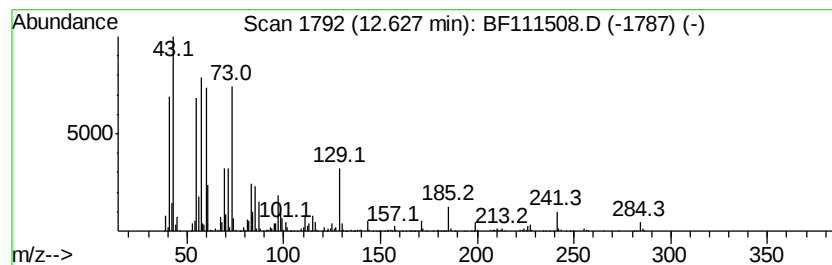
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	8.99 ng	2688020	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	78
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Dodecanoic acid	200	C12H24O2	000143-07-7	53
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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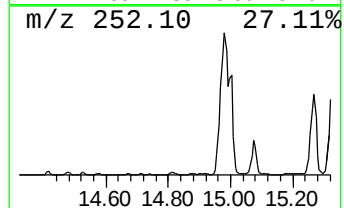
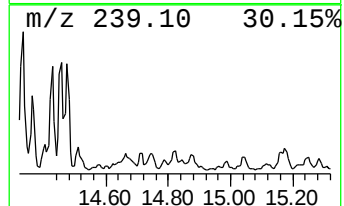
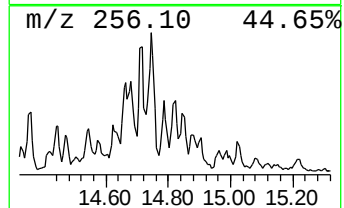
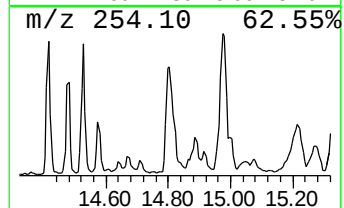
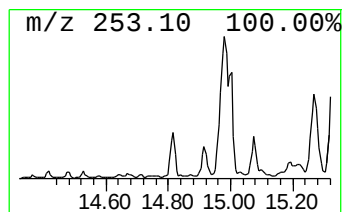
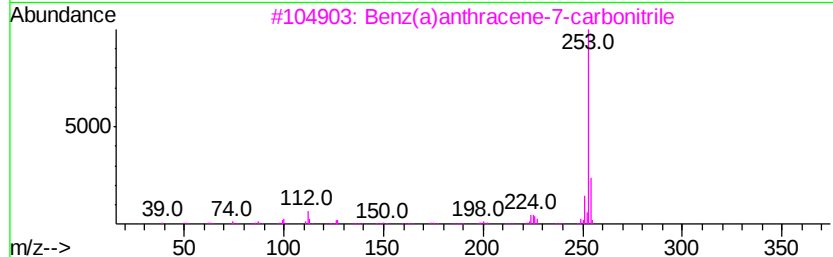
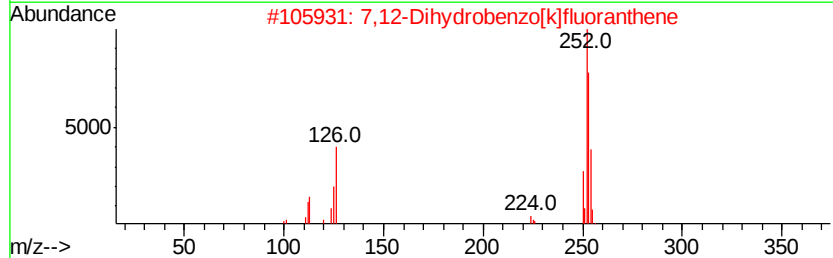
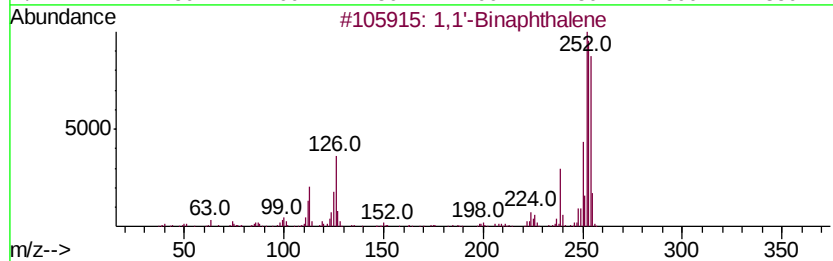
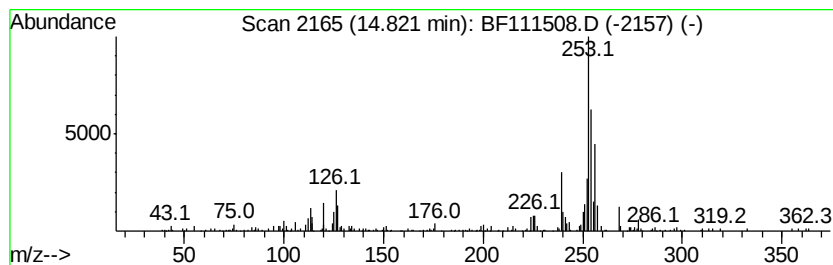
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,1'-Binaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	12.37 ng	594605	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	64
2		7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	62
3		Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55
4		9H-Fluorene, 9-(phenylmethyl)-	254	C20H14	001836-87-9	46
5		Plumbane, trimethyl(1-methylprop...	310	C7H18Pb	054964-76-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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Misc :
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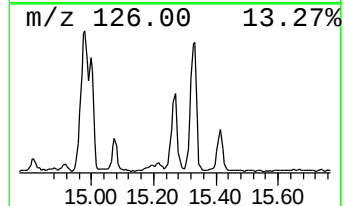
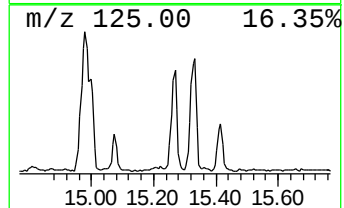
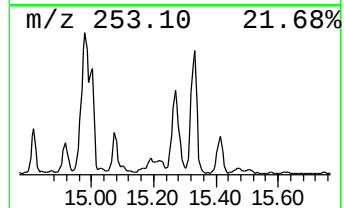
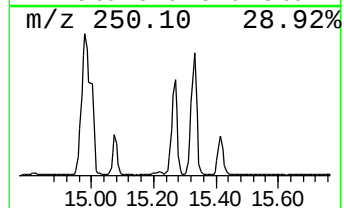
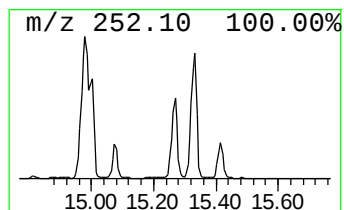
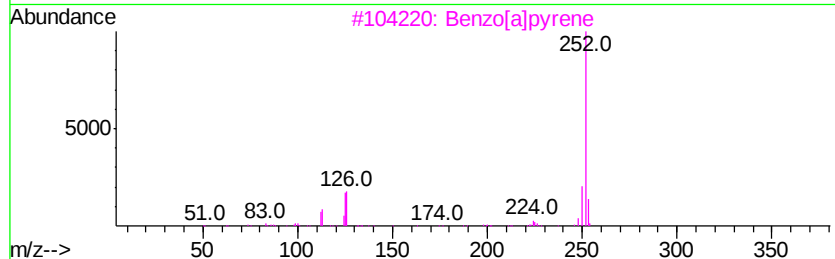
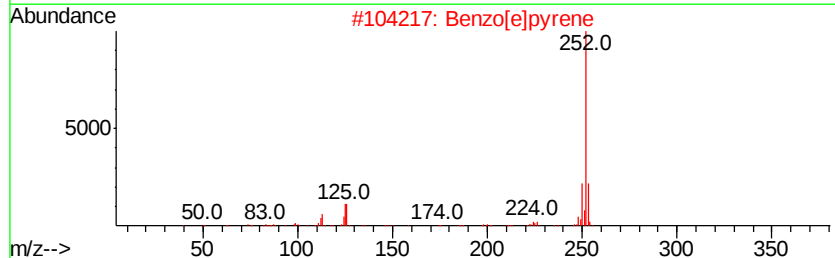
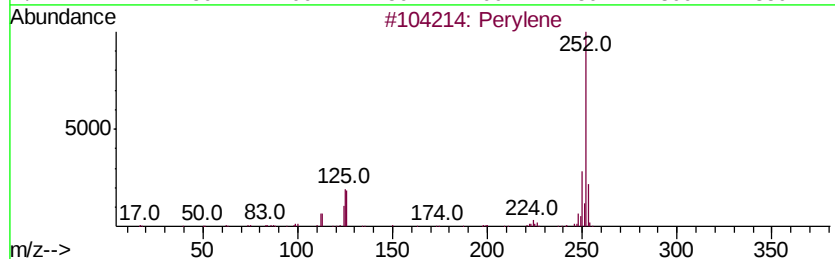
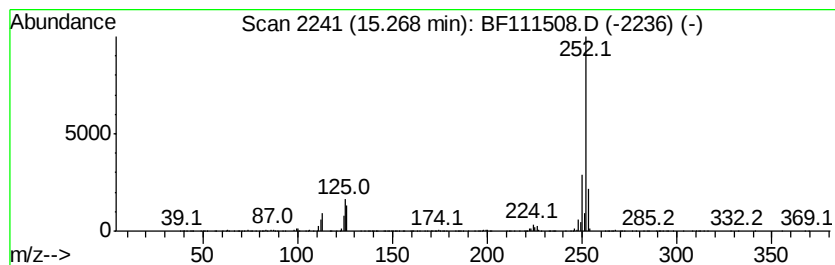
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	39.91 ng	1918980	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	99
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-5

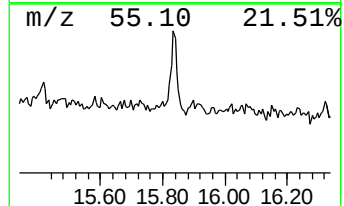
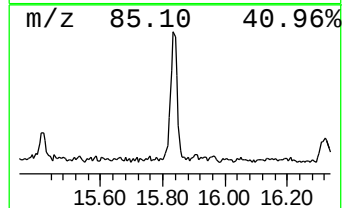
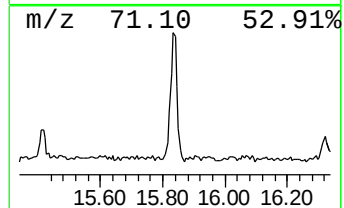
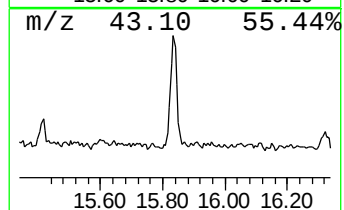
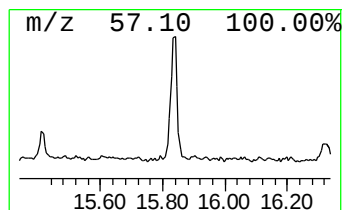
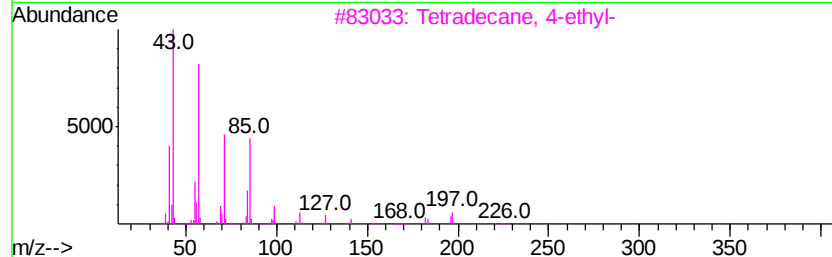
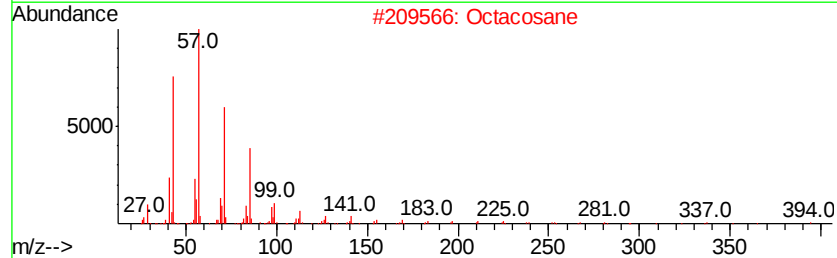
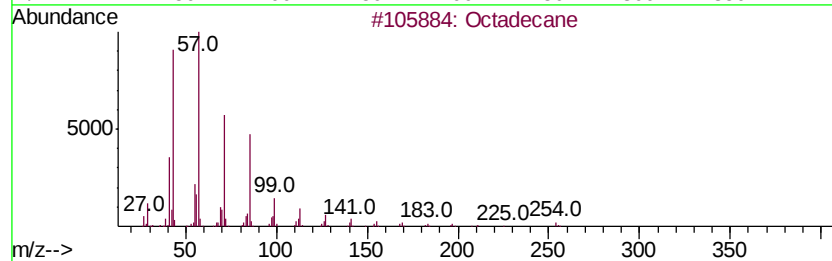
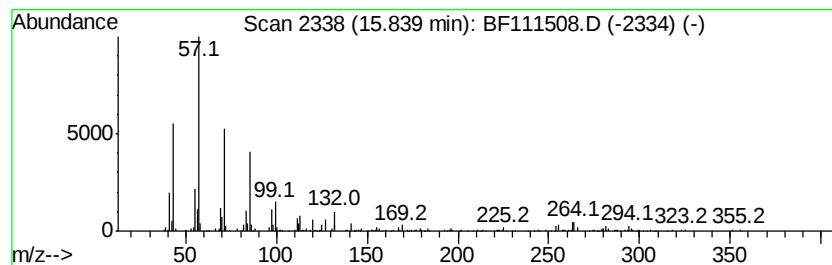
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	8.54 ng	410359	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octacosane	394	C28H58	000630-02-4	68
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	68
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	64
5			Heneicosane	296	C21H44	000629-94-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111508.D
 Acq On : 16 Dec 2018 15:03
 Operator : JU/SJ
 Sample : J6208-17 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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
unknown6.56	6.56	40.2	ng	2258920	1	6.79	1123250	20.0
9H-Fluorene, 2-me...	10.92	8.4	ng	509536	4	11.30	1217600	20.0
Anthracene, 1,2,3...	11.16	8.6	ng	522778	4	11.30	1217600	20.0
Dibenzothiophene	11.20	7.7	ng	470310	4	11.30	1217600	20.0
Phenanthrene, 1-m...	11.81	19.3	ng	1173660	4	11.30	1217600	20.0
Phenanthrene, 2-m...	11.84	37.3	ng	2267910	4	11.30	1217600	20.0
n-Hexadecanoic acid	11.86	48.1	ng	2930700	4	11.30	1217600	20.0
4H-Cyclopenta[def...	11.92	35.3	ng	2149470	4	11.30	1217600	20.0
Anthracene, 1-met...	11.95	13.2	ng	805690	4	11.30	1217600	20.0
Naphthalene, 2-ph...	12.10	12.0	ng	729987	4	11.30	1217600	20.0
9,10-Anthracenedione	12.13	7.7	ng	467902	4	11.30	1217600	20.0
Phenanthrene, 1,7...	12.36	12.6	ng	765249	4	11.30	1217600	20.0
Cyclopenta(def)ph...	12.45	10.0	ng	607695	4	11.30	1217600	20.0
Octadecanoic acid	12.63	9.0	ng	2688020	5	13.95	5983140	20.0
1,1'-Binaphthalene	14.82	12.4	ng	594605	6	15.39	961545	20.0
Perylene	15.27	39.9	ng	1918980	6	15.39	961545	20.0
Octadecane	15.84	8.5	ng	410359	6	15.39	961545	20.0