

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123019\
 Data File : BF118392.D
 Acq On : 30 Dec 2019 20:28
 Operator : JU
 Sample : K6114-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719

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-BF122419.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	5.469	571	575	595	rBV	1039685	1267424	5.07%	0.654%
2	6.487	744	748	764	rBV	1331916	1403927	5.62%	0.724%
3	6.622	767	771	778	rVV	1849176	1510524	6.04%	0.779%
4	6.851	806	810	817	rBV	1055360	857645	3.43%	0.442%
5	7.004	833	836	846	rVB	1304834	1195831	4.78%	0.617%
6	7.416	903	906	910	rBV	922599	822064	3.29%	0.424%
7	8.140	1026	1029	1031	rBV	1244479	1018955	4.08%	0.526%
8	8.163	1031	1033	1036	rVB	955723	730874	2.92%	0.377%
9	8.857	1148	1151	1155	rBV	1197857	1002419	4.01%	0.517%
10	8.957	1163	1168	1171	rBV	1246906	1209511	4.84%	0.624%
11	9.216	1208	1212	1217	rBV	2325510	1776115	7.10%	0.916%
12	9.486	1253	1258	1262	rVV	692510	914547	3.66%	0.472%
13	9.557	1266	1270	1273	rVV	1218891	1340584	5.36%	0.691%
14	9.586	1273	1275	1277	rVV	720712	613191	2.45%	0.316%
15	9.616	1277	1280	1284	rVV3	287856	431850	1.73%	0.223%
16	9.675	1287	1290	1296	rVB	730412	734622	2.94%	0.379%
17	9.763	1302	1305	1309	rBV	1129162	963789	3.85%	0.497%
18	9.904	1326	1329	1331	rVV	1413543	1236523	4.95%	0.638%
19	9.934	1331	1334	1337	rVV2	1953179	1688285	6.75%	0.871%
20	10.104	1360	1363	1367	rVV2	1408610	1434457	5.74%	0.740%
21	10.145	1367	1370	1374	rVB	560897	478380	1.91%	0.247%
22	10.216	1379	1382	1385	rBV2	471531	516268	2.06%	0.266%
23	10.328	1399	1401	1404	rVB	689620	505952	2.02%	0.261%
24	10.457	1419	1423	1428	rVB	3536184	3144621	12.58%	1.622%
25	10.539	1435	1437	1439	rVV3	466131	460186	1.84%	0.237%
26	10.610	1443	1449	1452	rVB2	474380	579591	2.32%	0.299%
27	10.698	1460	1464	1467	rVB	1341698	1409538	5.64%	0.727%
28	10.798	1478	1481	1490	rVB3	566248	968322	3.87%	0.499%
29	11.004	1511	1516	1518	rBV2	774373	964915	3.86%	0.498%
30	11.033	1518	1521	1523	rVV	561142	527283	2.11%	0.272%
31	11.086	1527	1530	1533	rVB	521556	423097	1.69%	0.218%
32	11.128	1533	1537	1539	rBV2	269619	368121	1.47%	0.190%
33	11.251	1553	1558	1561	rVV2	708250	721687	2.89%	0.372%
34	11.292	1561	1565	1570	rVB	1382529	1387868	5.55%	0.716%

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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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.398	1579	1583	1584	rBV	925185	880615	3.52%	0.454%
36	11.439	1584	1590	1592	rVV	9595148	11825865	47.30%	6.099%
37	11.480	1592	1597	1599	rVV	3816215	3269609	13.08%	1.686%
38	11.510	1599	1602	1604	rVV2	457245	536533	2.15%	0.277%
39	11.557	1607	1610	1615	rVV3	232535	386718	1.55%	0.199%
40	11.633	1618	1623	1628	rVV	1444067	1555925	6.22%	0.802%
41	11.680	1628	1631	1634	rVV2	563846	810327	3.24%	0.418%
42	11.727	1637	1639	1644	rVV2	612317	713953	2.86%	0.368%
43	11.786	1644	1649	1652	rVV	7839052	7943983	31.77%	4.097%
44	11.904	1665	1669	1671	rBV	2188738	1986584	7.95%	1.025%
45	11.933	1671	1674	1678	rVB	2940566	2737901	10.95%	1.412%
46	11.980	1678	1682	1685	rBV	806724	766823	3.07%	0.395%
47	12.022	1685	1689	1691	rVV	2992276	3568088	14.27%	1.840%
48	12.039	1691	1692	1697	rVB	1589591	907862	3.63%	0.468%
49	12.086	1697	1700	1702	rBV2	521806	478169	1.91%	0.247%
50	12.198	1715	1719	1721	rVV	1222410	1122242	4.49%	0.579%
51	12.233	1721	1725	1729	rVB	723199	701355	2.81%	0.362%
52	12.345	1739	1744	1747	rBV2	357118	413345	1.65%	0.213%
53	12.380	1747	1750	1752	rBV	441209	366868	1.47%	0.189%
54	12.498	1758	1770	1771	rBV3	13644212	25002524	100.00%	12.895%
55	12.522	1771	1774	1778	rVV2	16066894	19420162	77.67%	10.016%
56	12.586	1782	1785	1787	rVB	3510481	3006068	12.02%	1.550%
57	12.639	1787	1794	1798	rBV	8631930	11653843	46.61%	6.010%
58	12.716	1805	1807	1813	rVB	545006	635051	2.54%	0.328%
59	12.775	1814	1817	1821	rBV	493754	521865	2.09%	0.269%
60	12.869	1826	1833	1837	rVB2	6519980	9613943	38.45%	4.958%
61	12.910	1837	1840	1843	rVB	584798	558806	2.23%	0.288%
62	12.986	1843	1853	1856	rBV2	1637396	2218211	8.87%	1.144%
63	13.022	1856	1859	1862	rVB	470376	490152	1.96%	0.253%
64	13.074	1863	1868	1871	rBV3	733510	1211248	4.84%	0.625%
65	13.163	1879	1883	1884	rBV2	541048	613514	2.45%	0.316%
66	13.186	1884	1887	1889	rVB	1821007	1658980	6.64%	0.856%
67	13.227	1889	1894	1895	rBV3	528694	559666	2.24%	0.289%
68	13.251	1895	1898	1900	rVB	1783131	1404014	5.62%	0.724%
69	13.286	1900	1904	1906	rBV2	996007	1102433	4.41%	0.569%
70	13.380	1917	1920	1922	rBV	611753	454221	1.82%	0.234%
71	13.410	1922	1925	1928	rBV	803108	688437	2.75%	0.355%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	13.486	1935	1938	1942	rVB3	288794	428410	1.71%	0.221%
73	13.663	1965	1968	1971	rBV	377685	562567	2.25%	0.290%
74	13.698	1971	1974	1978	rVB2	402048	491028	1.96%	0.253%
75	13.804	1989	1992	1994	rBV	653934	578489	2.31%	0.298%
76	13.827	1994	1996	1999	rVB	766941	581388	2.33%	0.300%
77	13.857	1999	2001	2003	rBV	503861	503821	2.02%	0.260%
78	13.974	2018	2021	2027	rVB	566197	614567	2.46%	0.317%
79	14.057	2027	2035	2038	rBV2	4191821	6571056	26.28%	3.389%
80	14.092	2038	2041	2047	rVB	4034581	3843983	15.37%	1.982%
81	14.163	2051	2053	2056	rVV	743531	585472	2.34%	0.302%
82	14.210	2057	2061	2066	rVV4	594601	841326	3.36%	0.434%
83	14.286	2070	2074	2077	rBV2	442563	552140	2.21%	0.285%
84	14.404	2092	2094	2096	rBV	405461	375286	1.50%	0.194%
85	14.445	2096	2101	2104	rVV	1068182	1270068	5.08%	0.655%
86	14.480	2104	2107	2108	rVV	482668	474677	1.90%	0.245%
87	14.504	2109	2111	2113	rVV	406412	498461	1.99%	0.257%
88	14.545	2116	2118	2120	rVV	512742	470690	1.88%	0.243%
89	14.569	2120	2122	2124	rVV	568653	566613	2.27%	0.292%
90	14.592	2124	2126	2130	rVB2	738558	679842	2.72%	0.351%
91	14.945	2182	2186	2191	rVB2	1009501	1292490	5.17%	0.667%
92	15.121	2210	2216	2219	rBV	2540990	4364352	17.46%	2.251%
93	15.227	2231	2234	2238	rVB	642321	673679	2.69%	0.347%
94	15.433	2264	2269	2275	rVB	1433368	1997505	7.99%	1.030%
95	15.498	2275	2280	2284	rBV	2361993	3169062	12.67%	1.634%
96	15.557	2285	2290	2293	rVV	669991	1034716	4.14%	0.534%
97	15.592	2293	2296	2302	rVB2	659649	923703	3.69%	0.476%
98	17.080	2542	2549	2557	rBV	816876	1693305	6.77%	0.873%
99	17.539	2621	2627	2635	rVB	540436	1133549	4.53%	0.585%
100	17.786	2664	2669	2684	rVB2	222258	729482	2.92%	0.376%

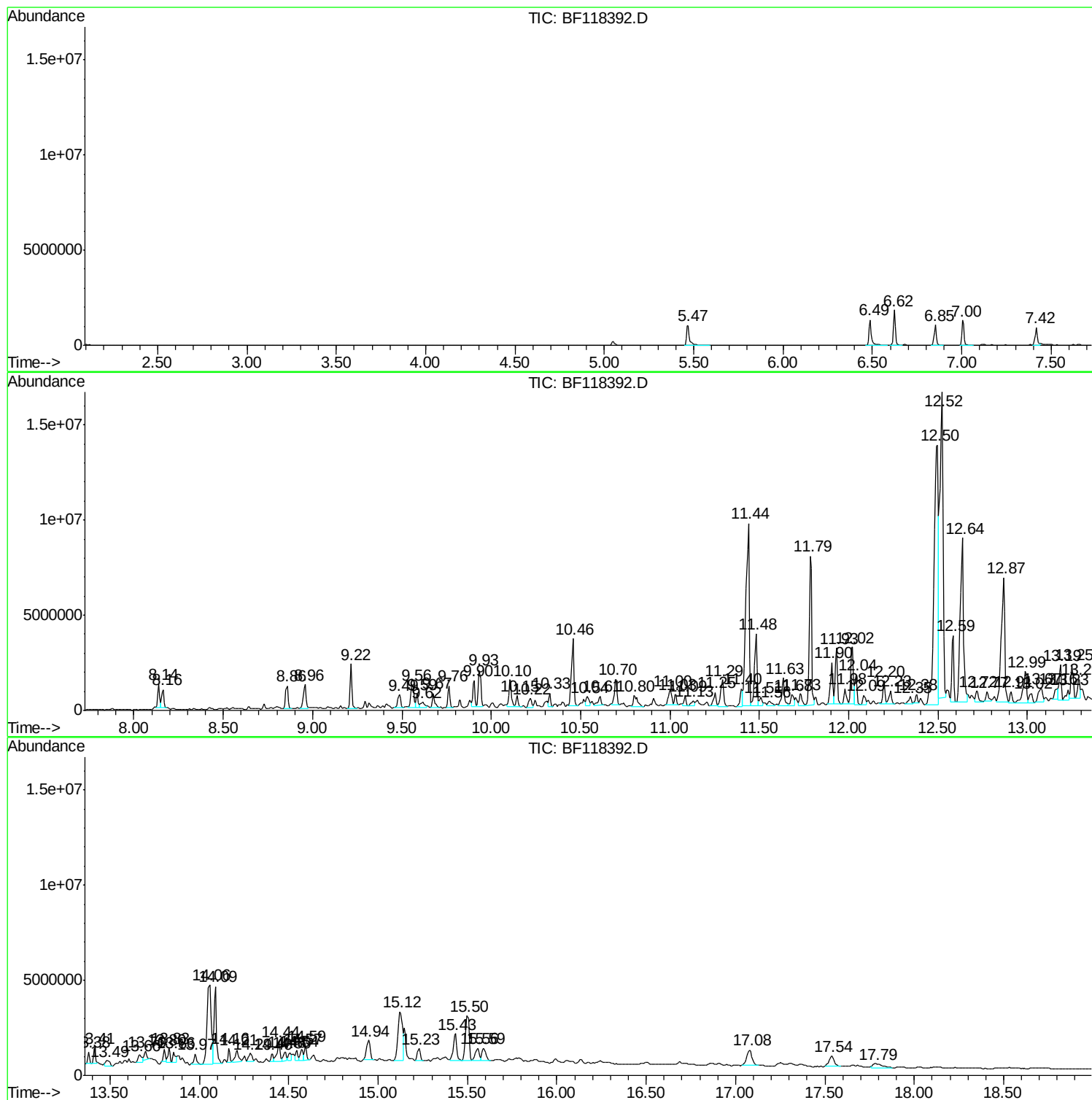
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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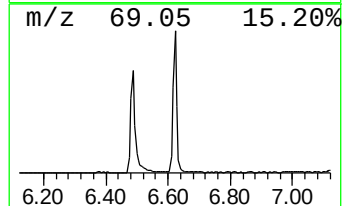
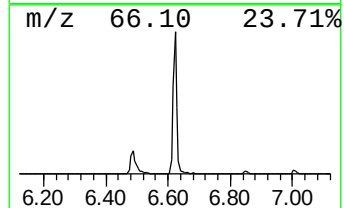
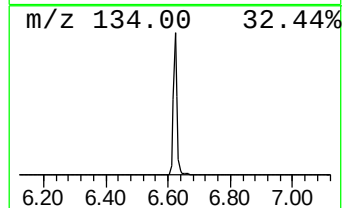
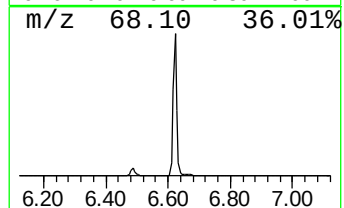
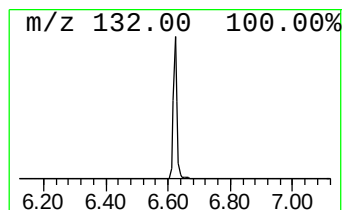
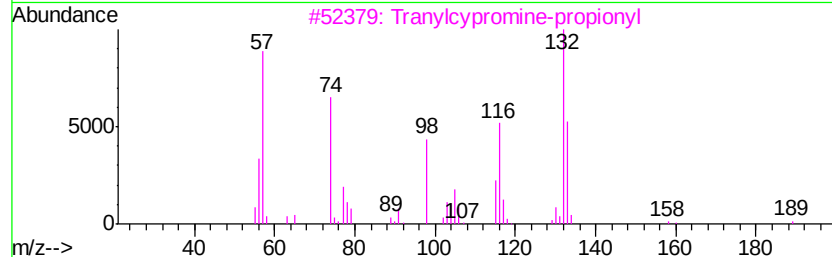
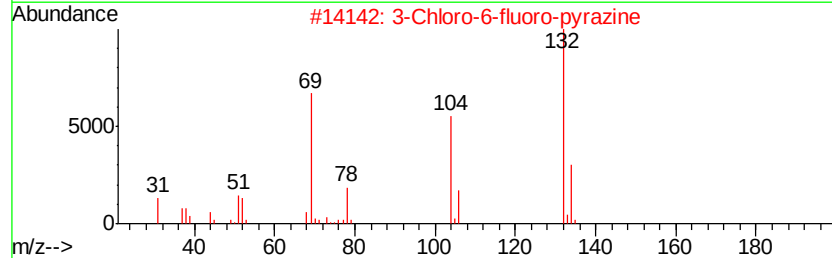
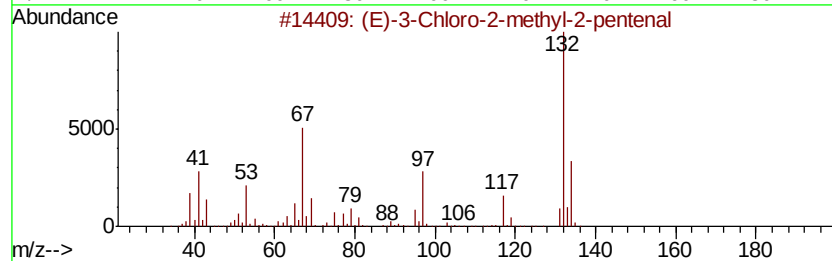
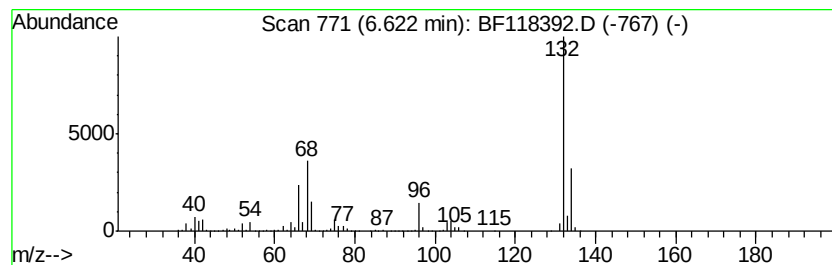
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	35.22 ng	1510520	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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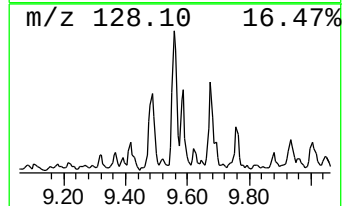
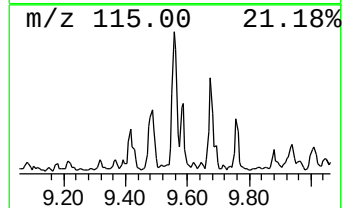
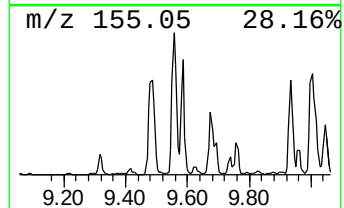
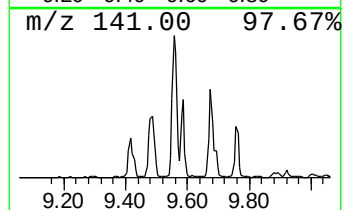
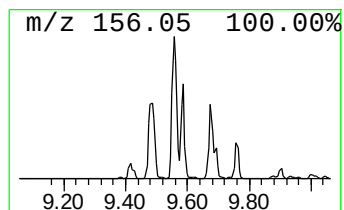
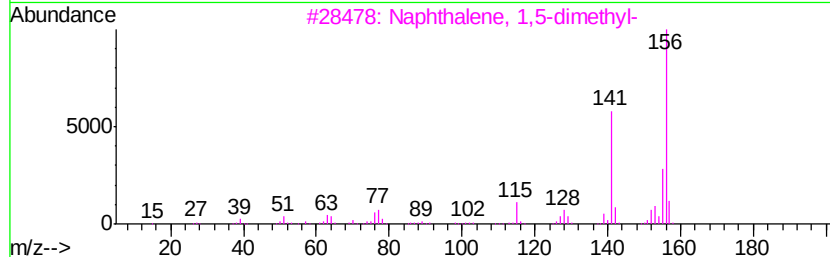
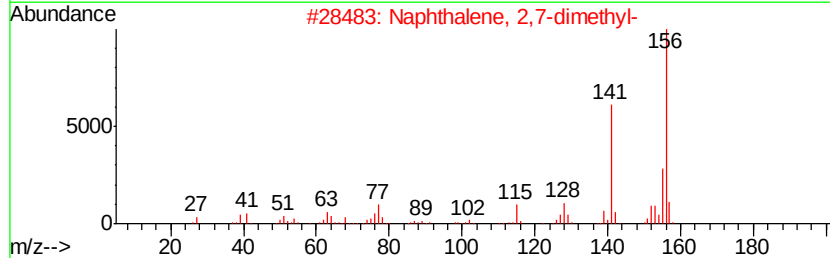
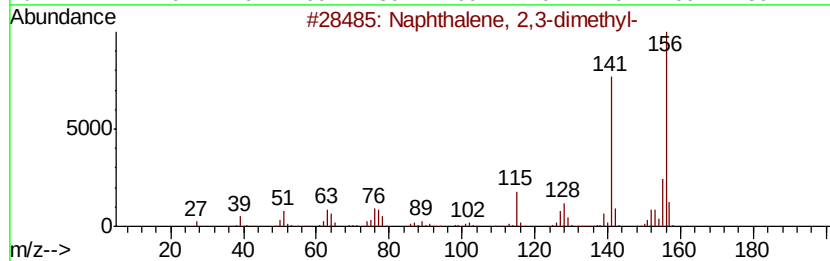
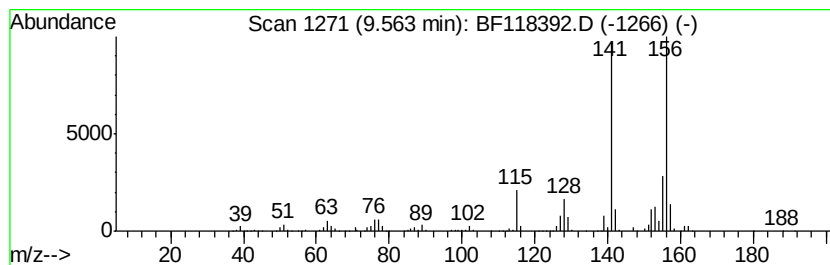
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	21.68 ng	1340580	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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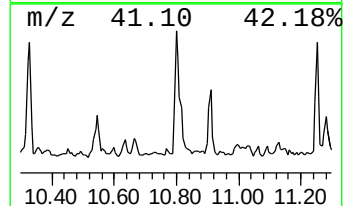
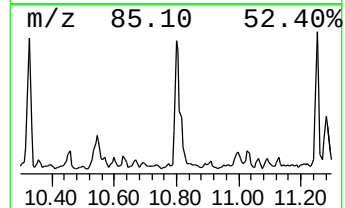
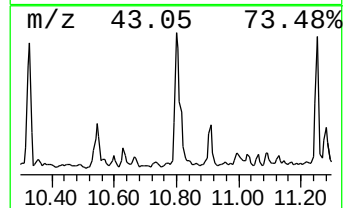
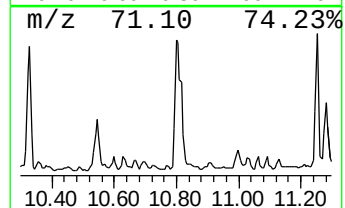
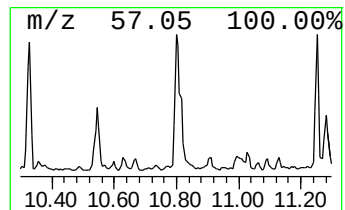
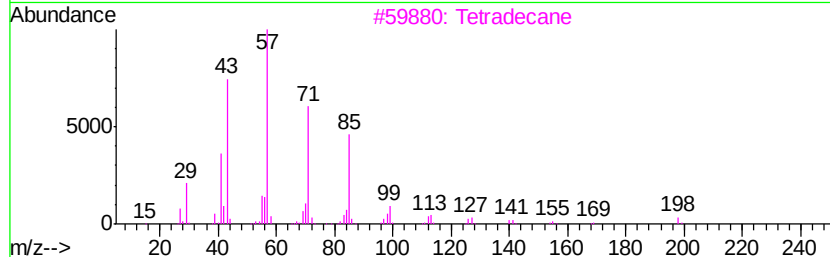
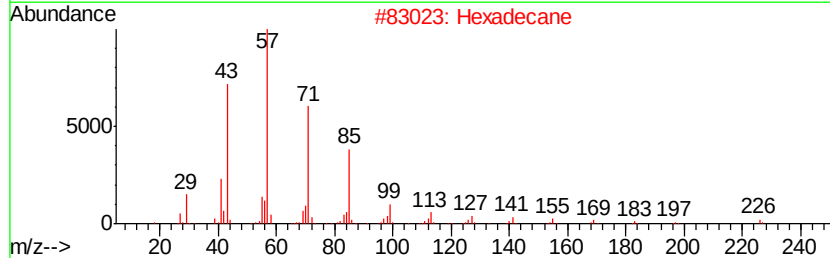
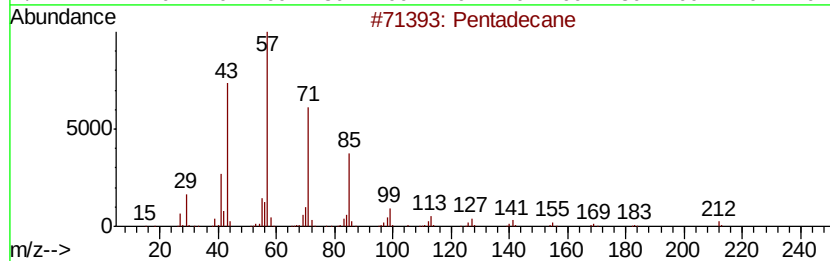
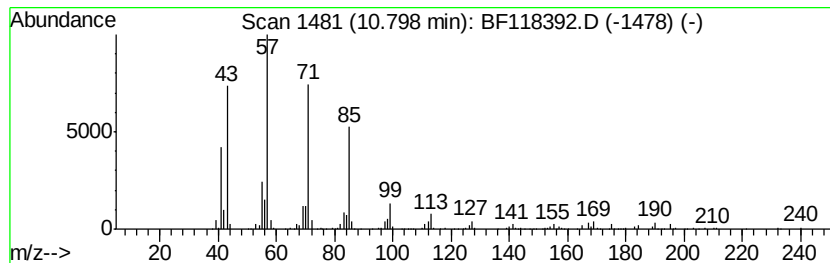
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	21.99 ng	968322	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Hexadecane	226 C16H34	000544-76-3	90
3	Tetradecane	198 C14H30	000629-59-4	87
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	87
5	Tridecane	184 C13H28	000629-50-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118392.D
Acq On : 30 Dec 2019 20:28
Operator : JU
Sample : K6114-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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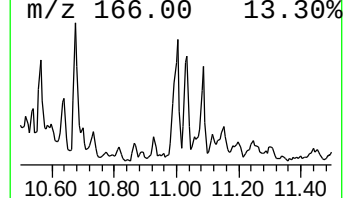
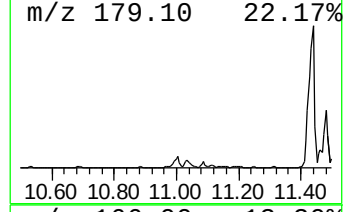
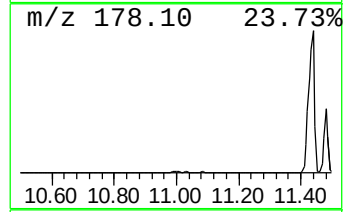
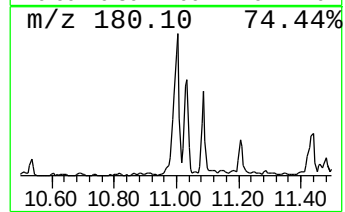
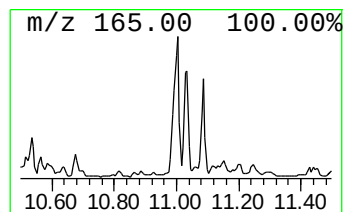
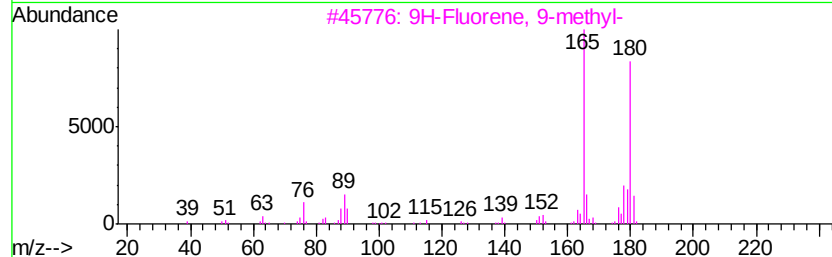
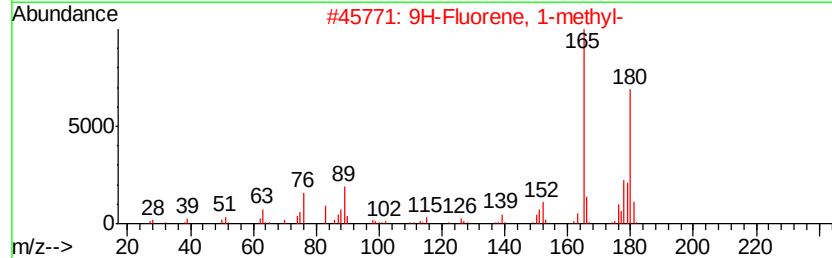
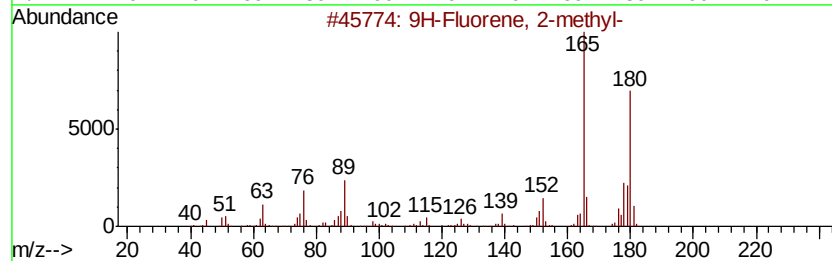
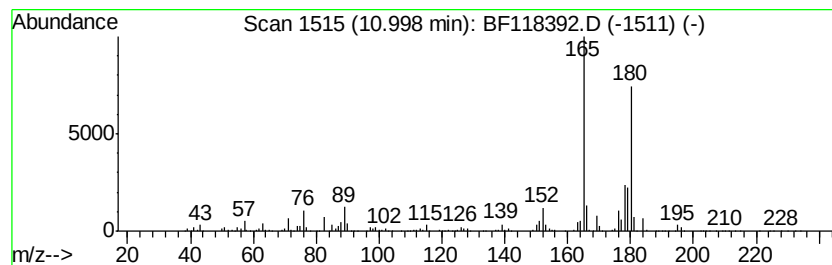
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	21.91 ng	964915	Phenanthrene-d10	11.40

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, 9-methyl-	180	C14H12	002523-37-7	76
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	58
5		(E)-Stilbene	180	C14H12	000103-30-0	58



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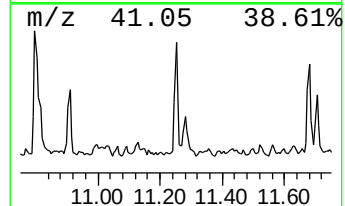
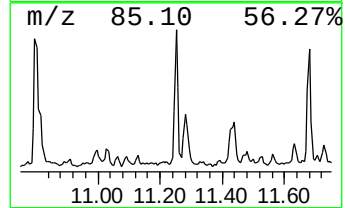
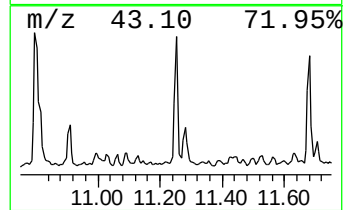
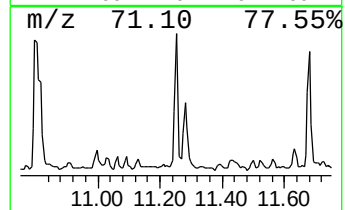
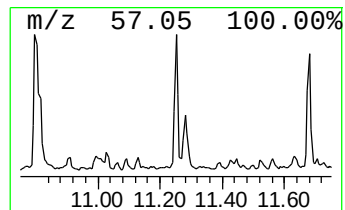
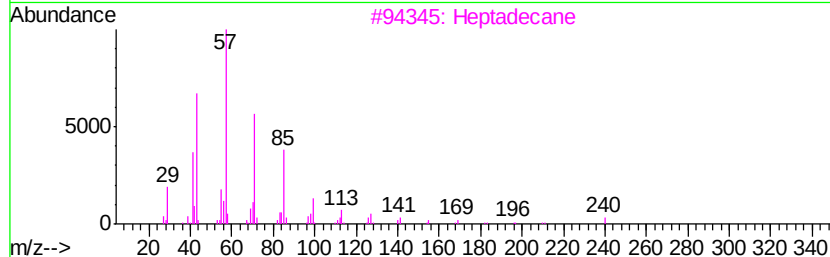
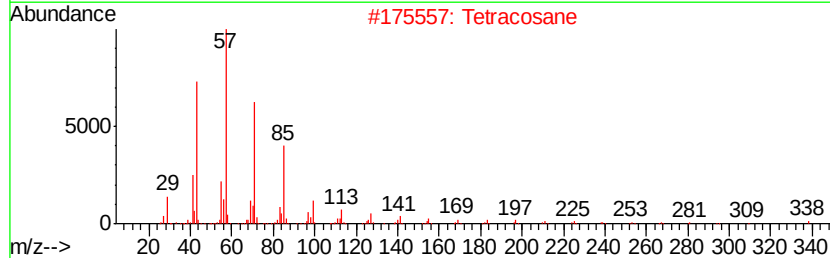
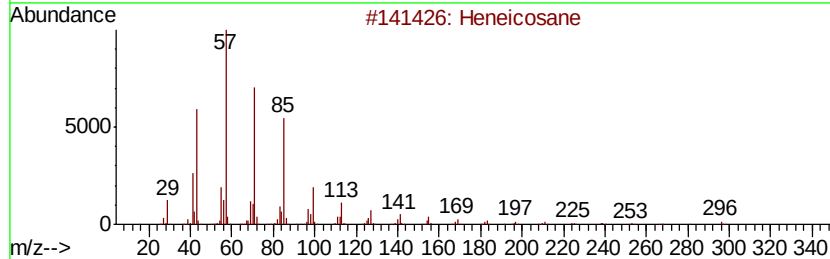
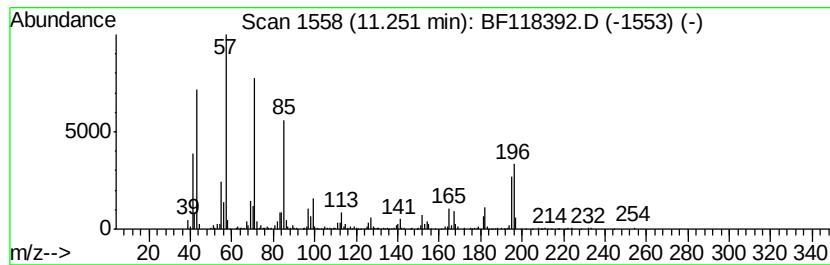
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	16.39 ng	721687	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	70
2	Tetracosane		338	C24H50	000646-31-1	62
3	Heptadecane		240	C17H36	000629-78-7	58
4	Tetradecane		198	C14H30	000629-59-4	58
5	Octacosane		394	C28H58	000630-02-4	53



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Operator : JU
Sample : K6114-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

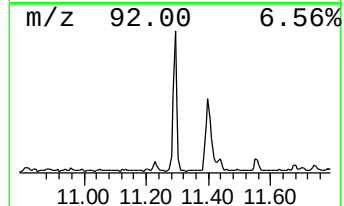
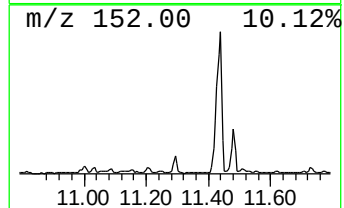
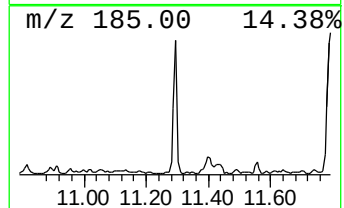
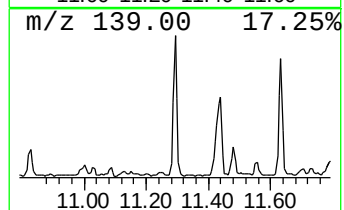
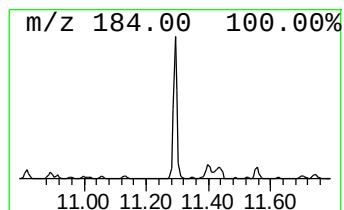
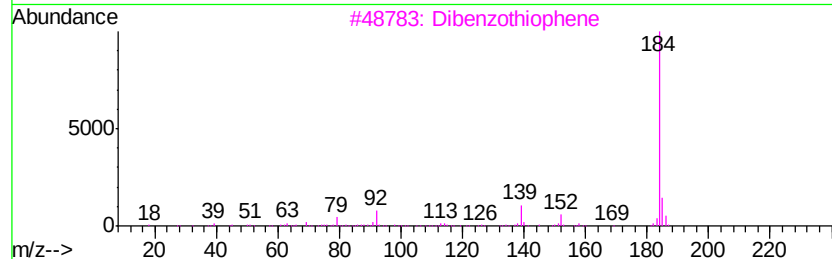
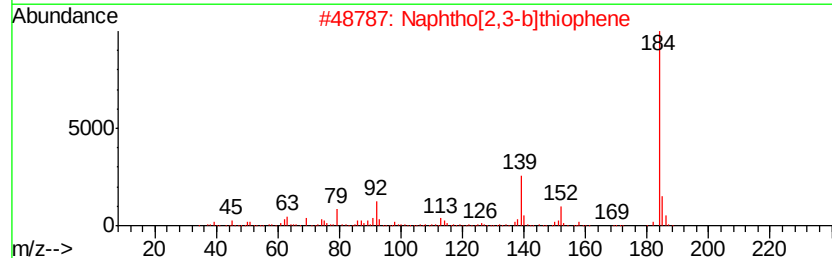
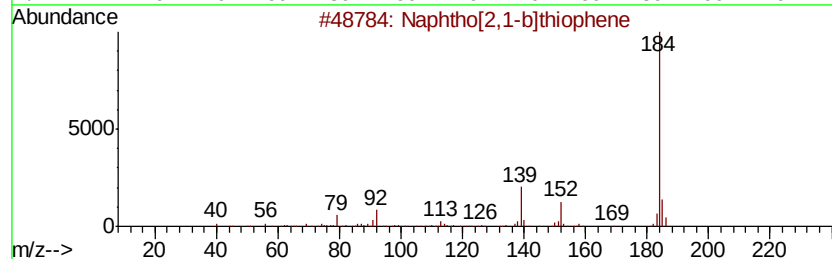
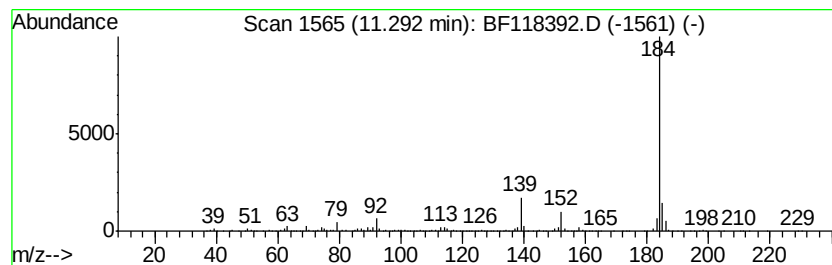
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	31.52 ng	1387870	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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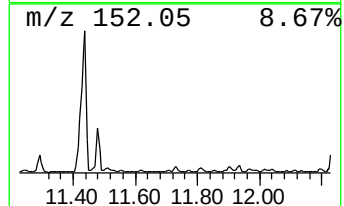
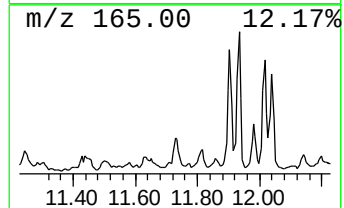
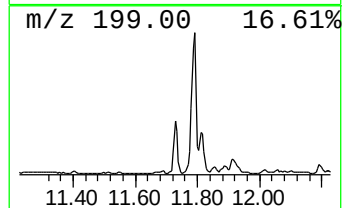
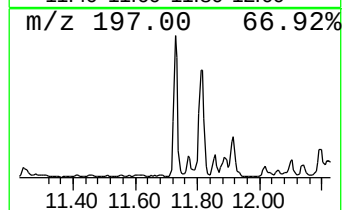
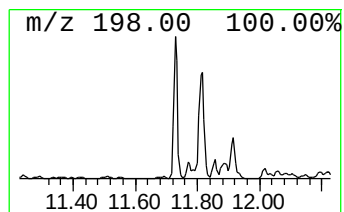
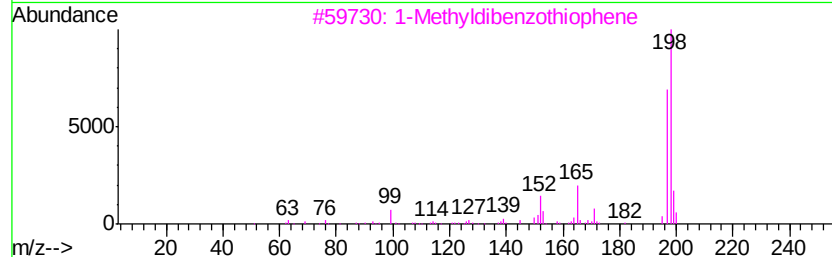
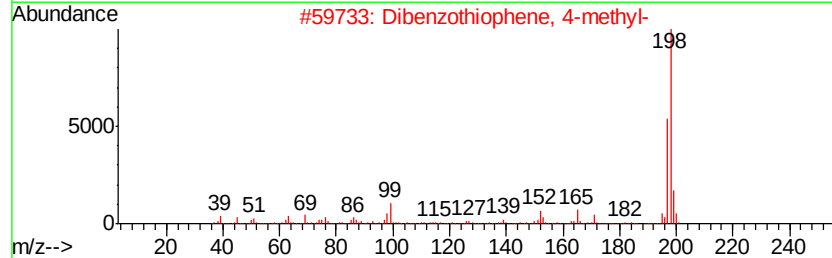
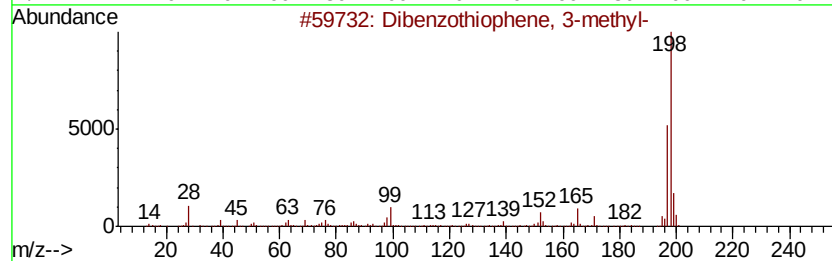
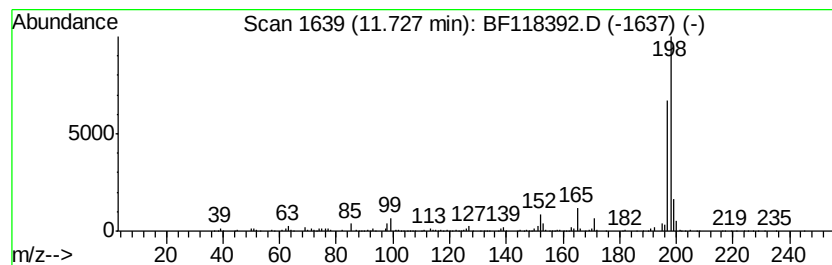
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	16.21 ng	713953	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	96
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
3		1-Methyl dibenzothiophene	198	C13H10S	031317-07-4	94
4		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80
5		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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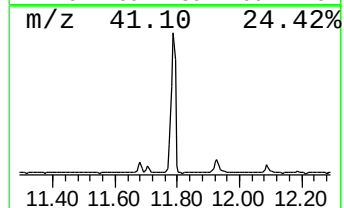
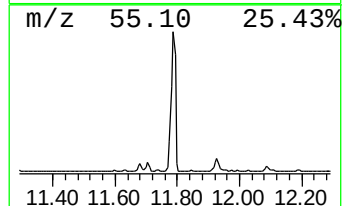
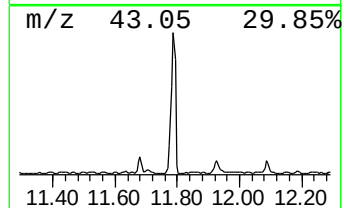
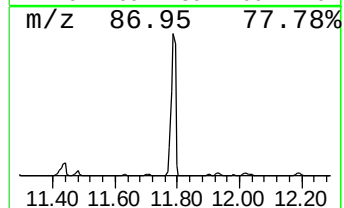
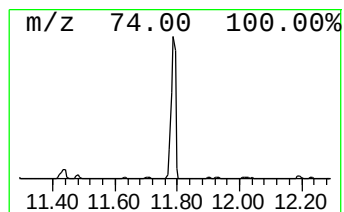
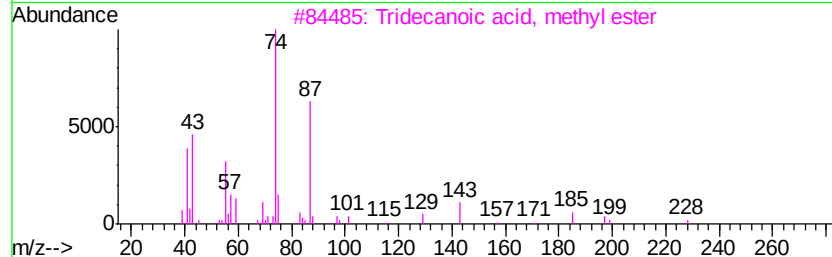
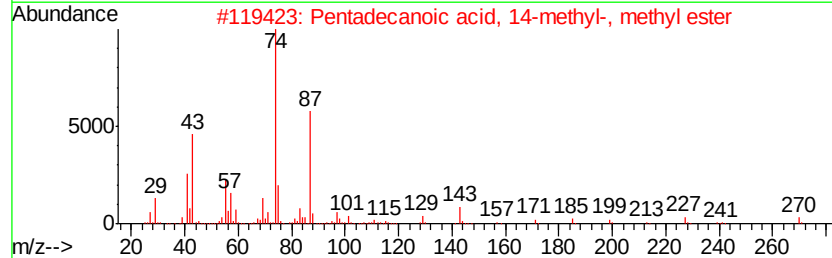
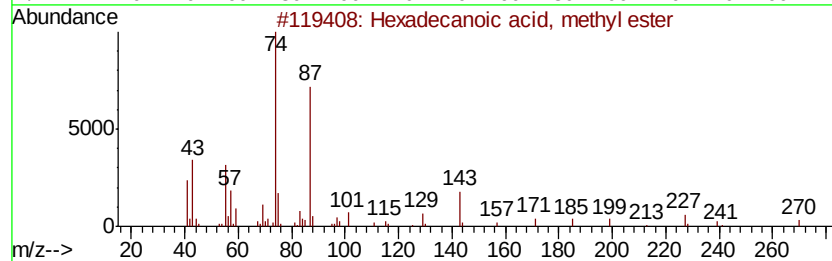
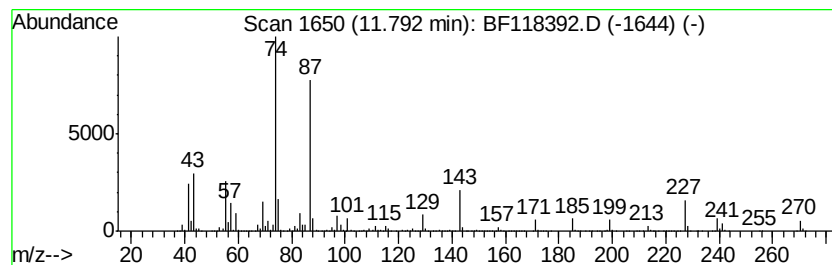
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	180.42 ng	7943980	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	83



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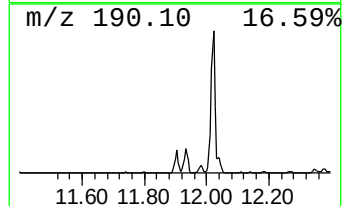
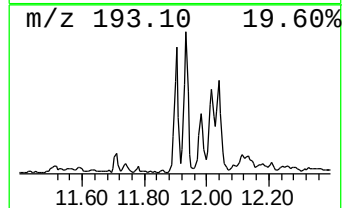
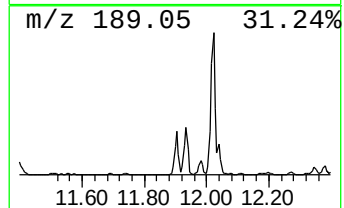
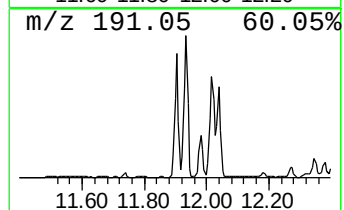
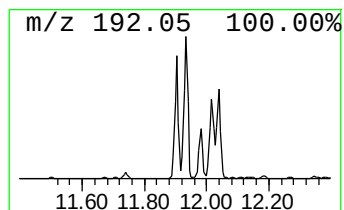
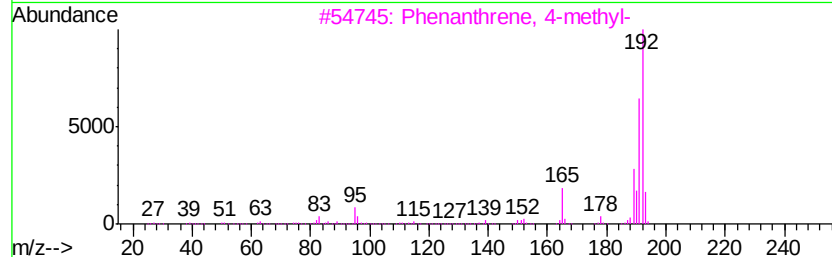
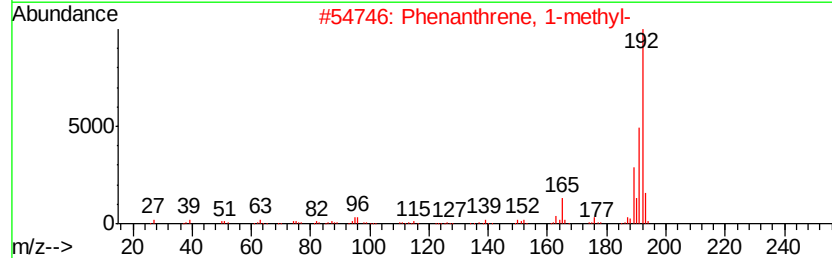
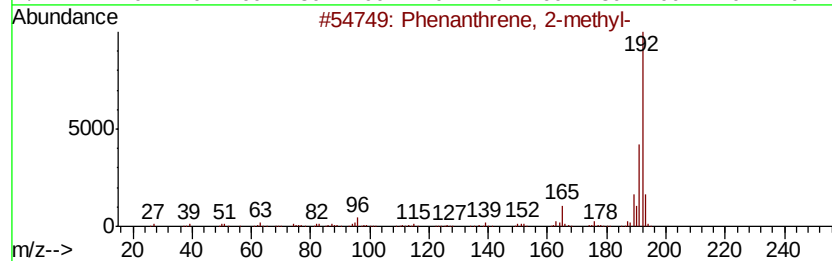
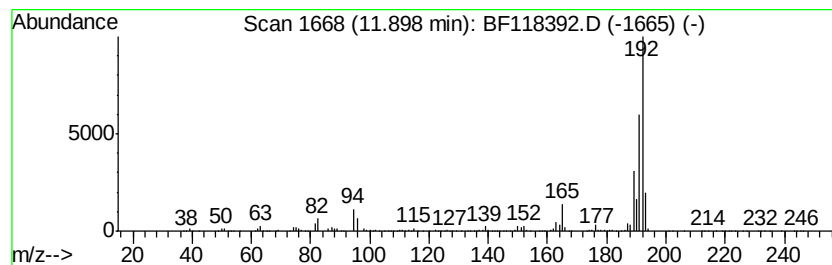
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	45.12 ng	1986580	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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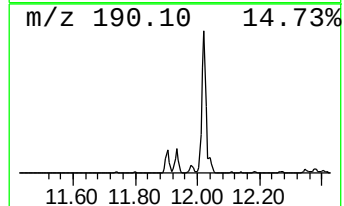
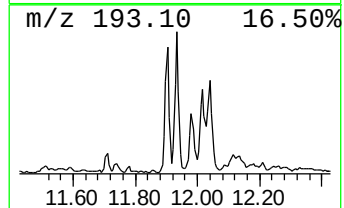
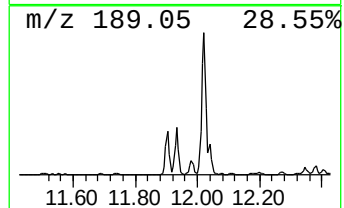
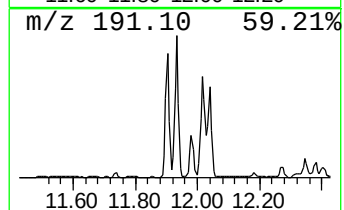
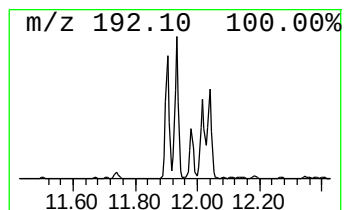
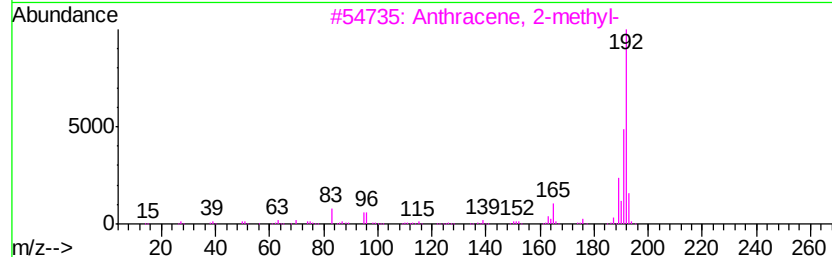
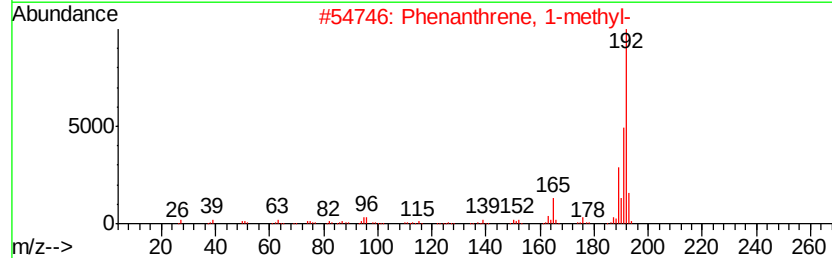
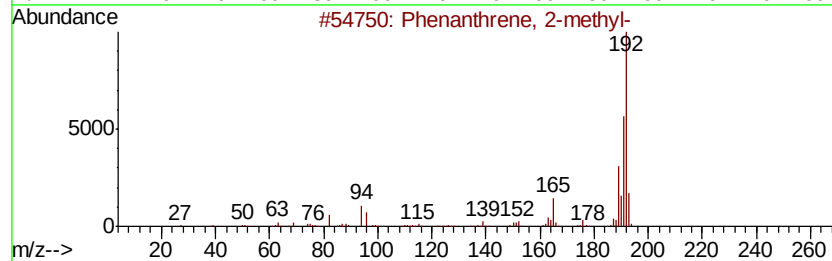
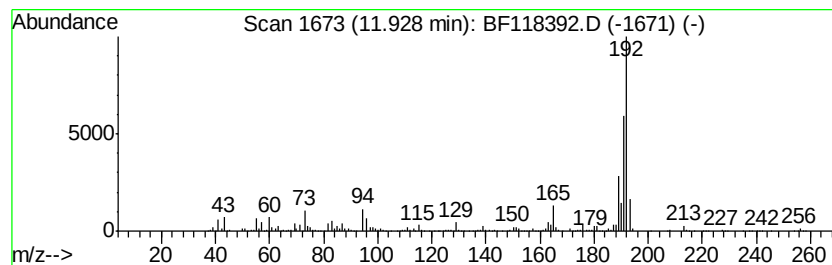
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	62.18 ng	2737900	Phenanthrene-d10	11.40

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		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118392.D
Acq On : 30 Dec 2019 20:28
Operator : JU
Sample : K6114-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

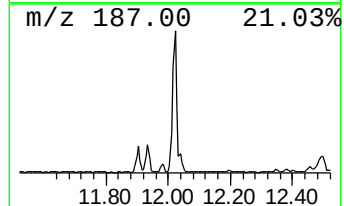
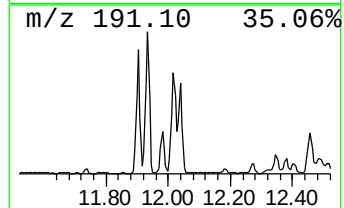
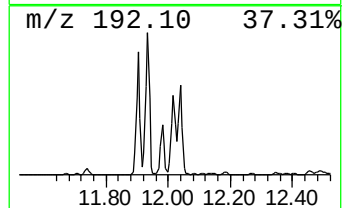
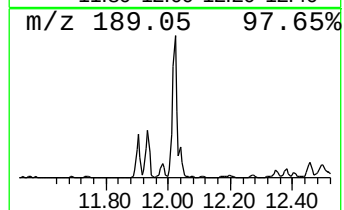
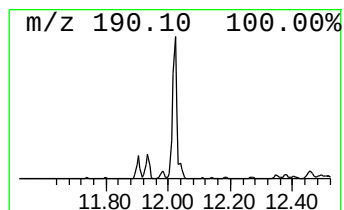
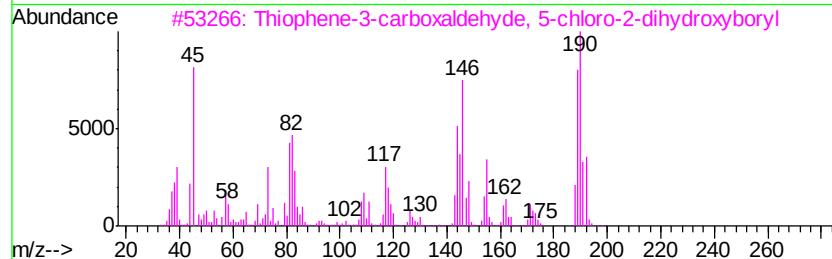
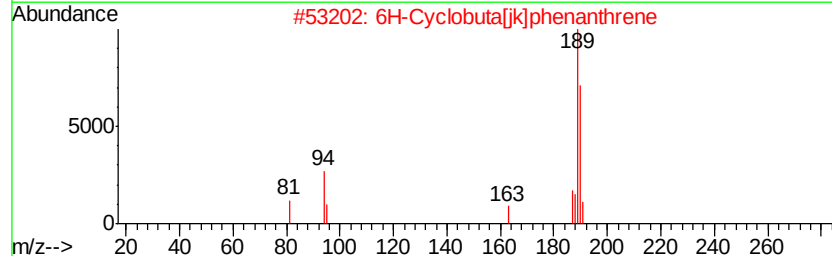
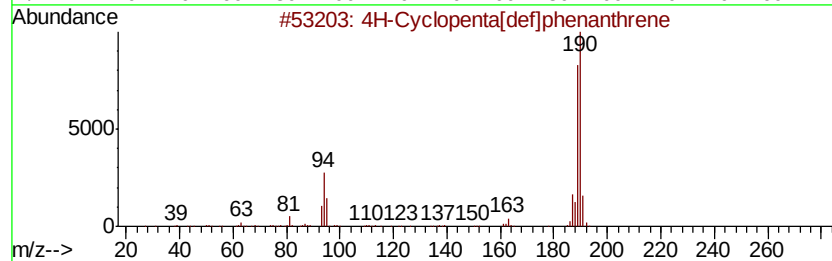
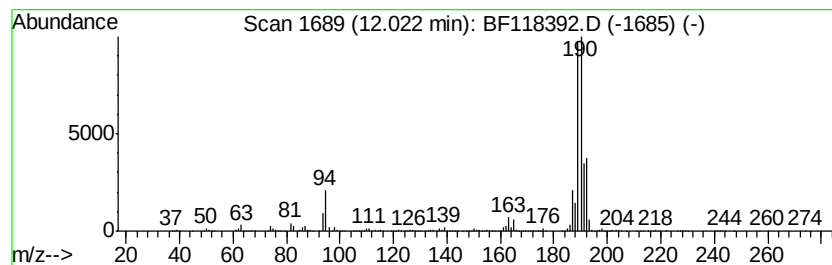
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	81.04 ng	3568090	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49



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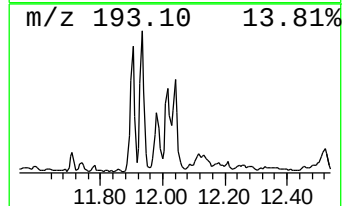
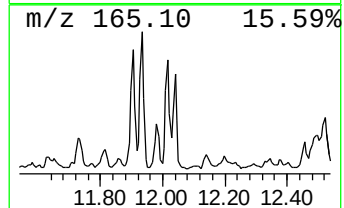
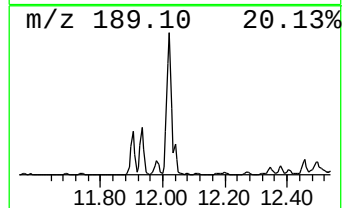
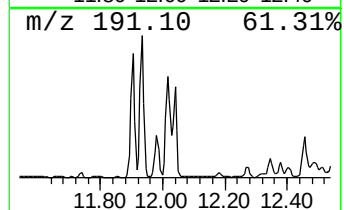
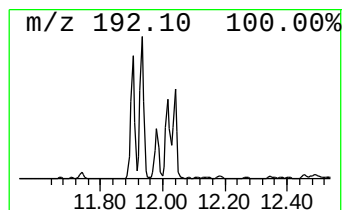
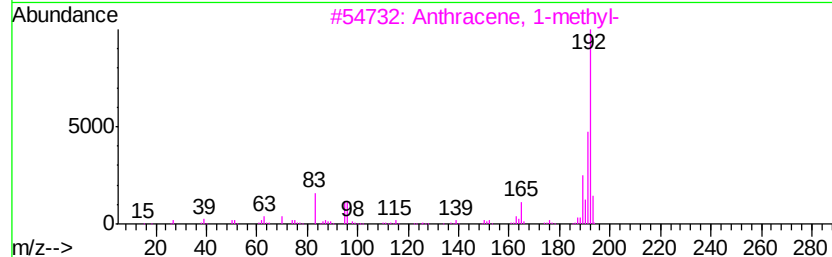
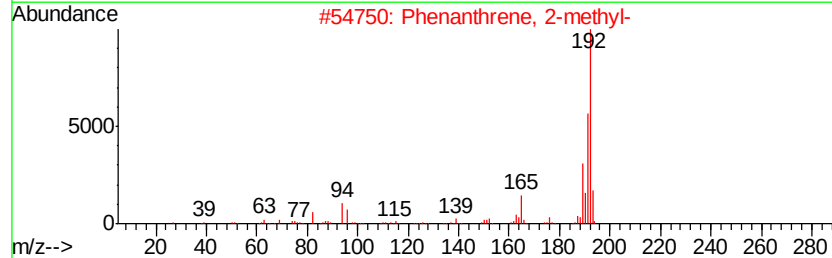
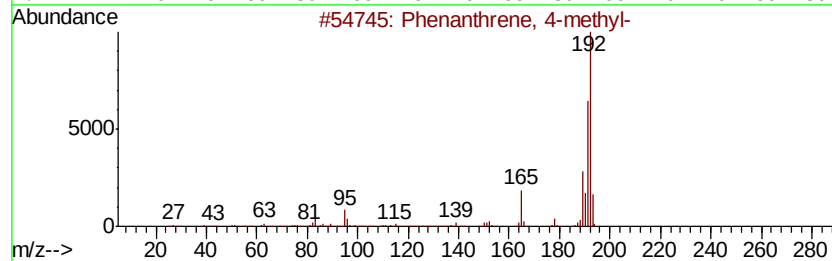
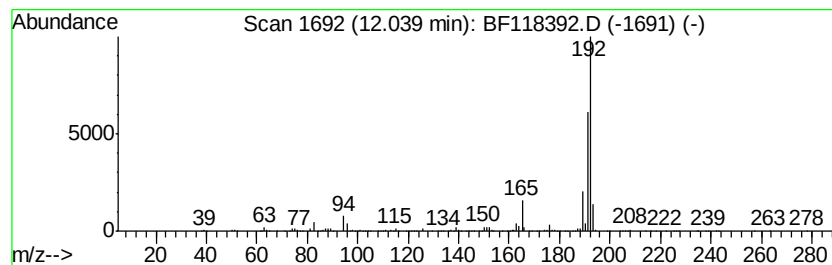
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	20.62 ng	907862	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118392.D
Acq On : 30 Dec 2019 20:28
Operator : JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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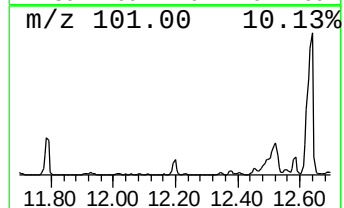
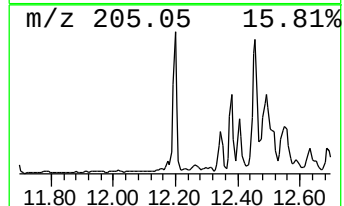
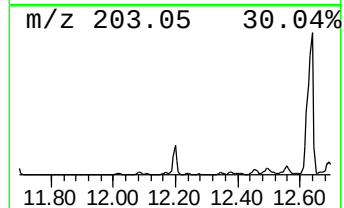
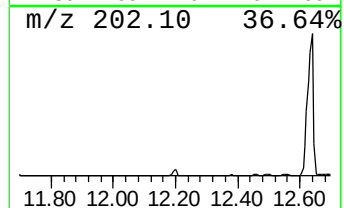
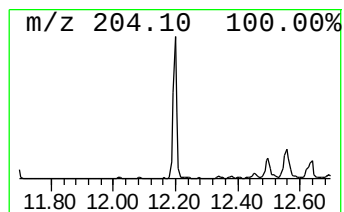
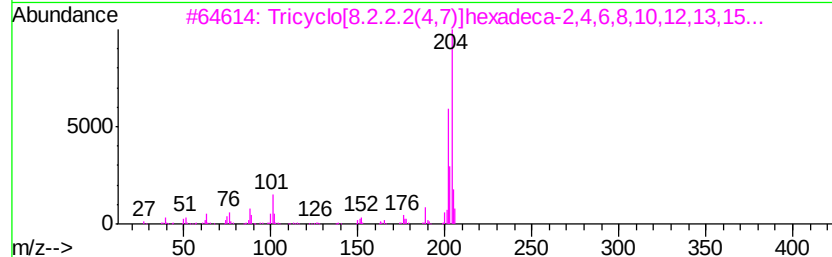
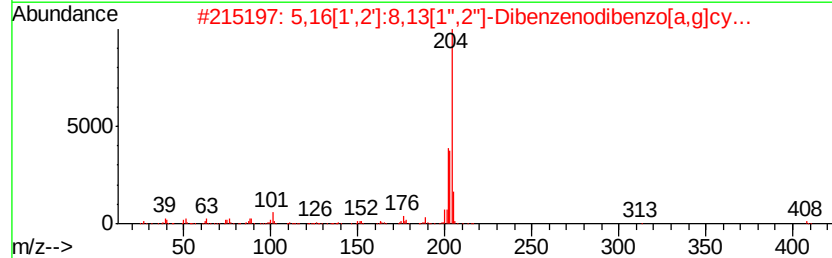
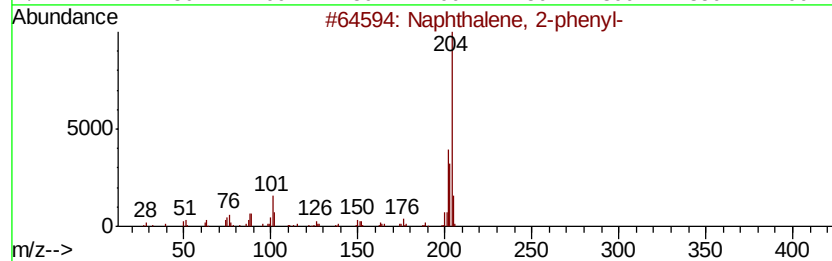
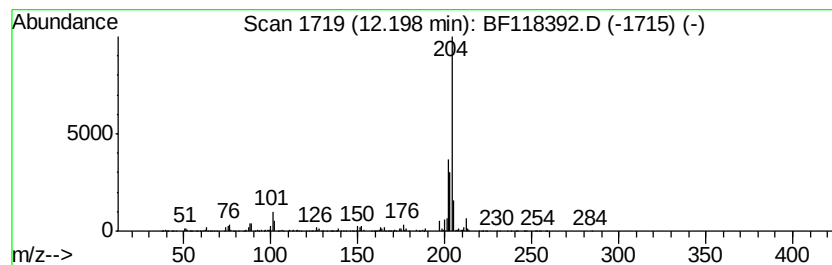
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	25.49 ng	1122240	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		Pvrene, 4,5-dihydro-	204	C16H12	006628-98-4	50
5		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118392.D
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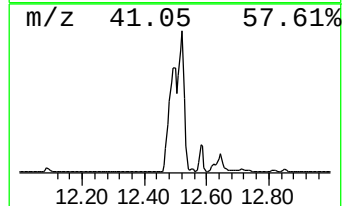
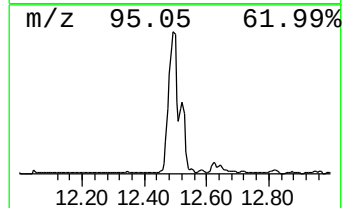
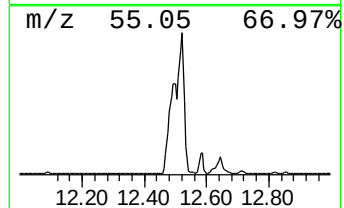
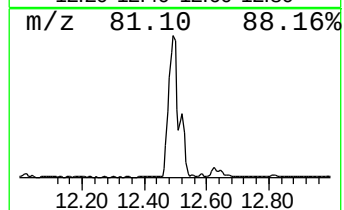
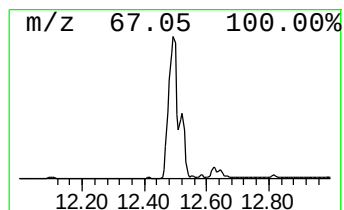
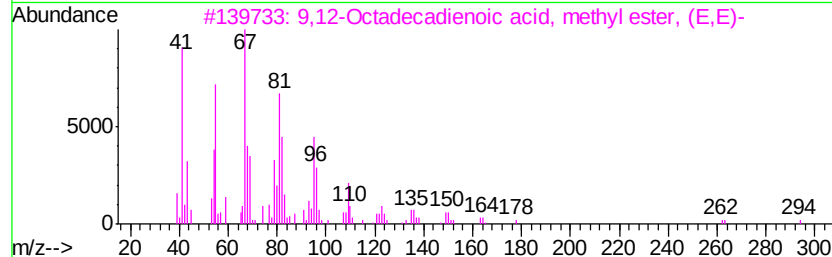
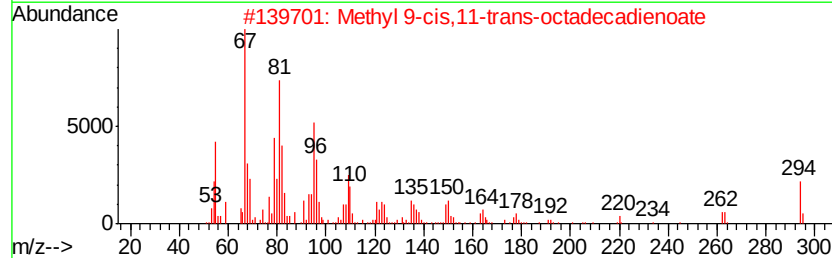
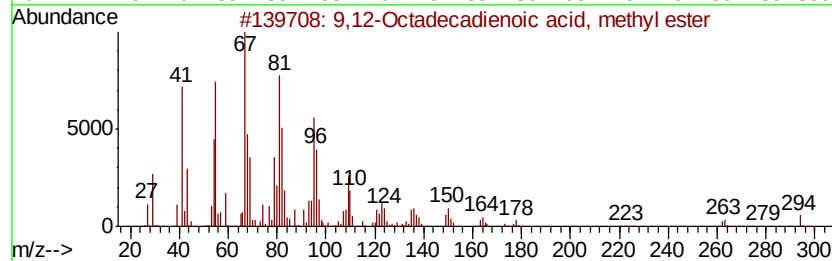
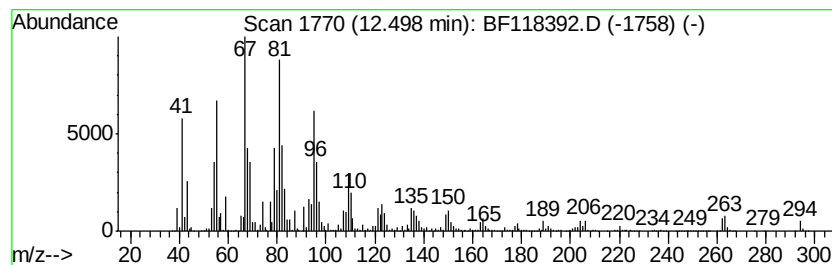
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	567.84 ng	25002500	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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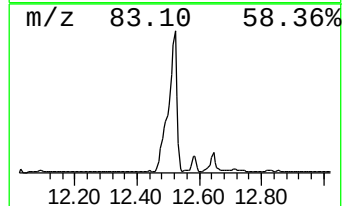
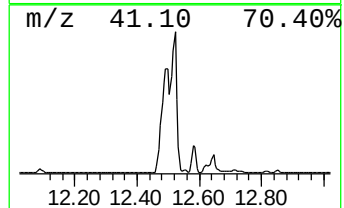
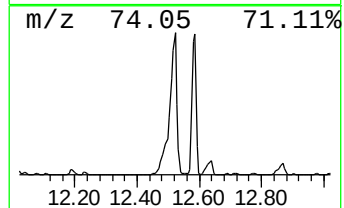
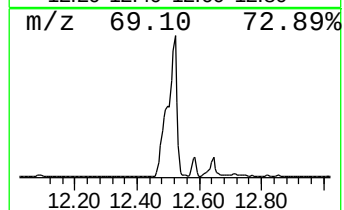
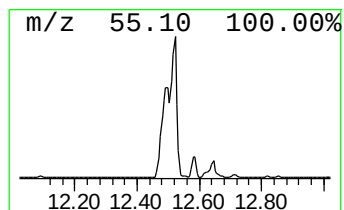
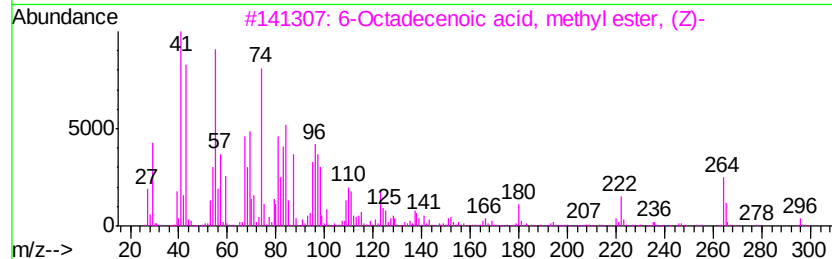
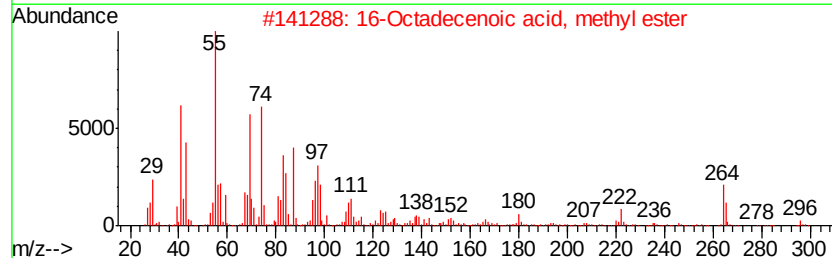
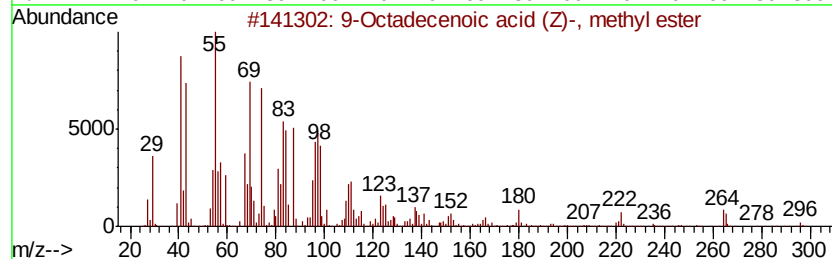
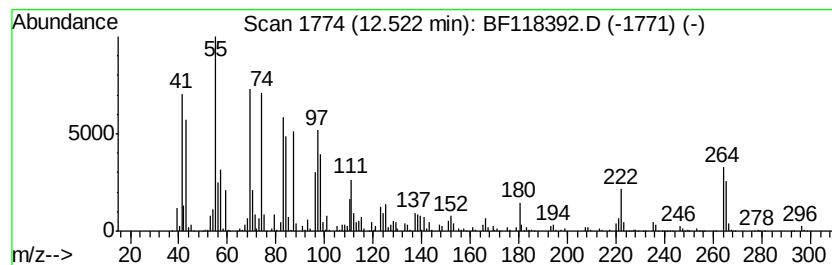
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	441.06 ng	19420200	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	95
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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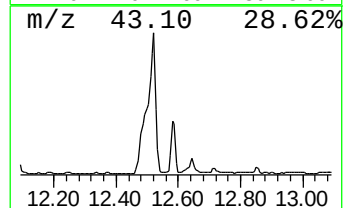
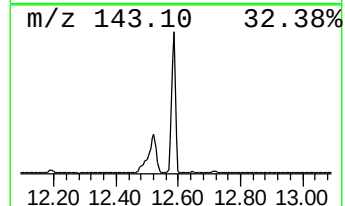
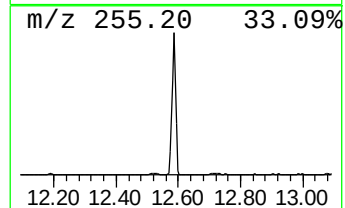
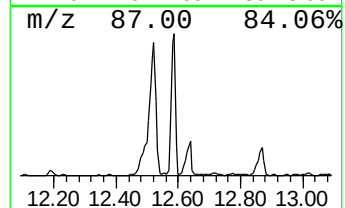
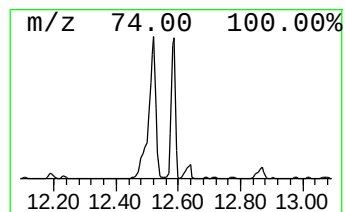
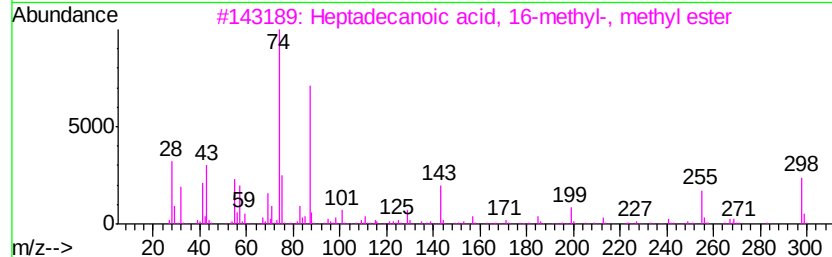
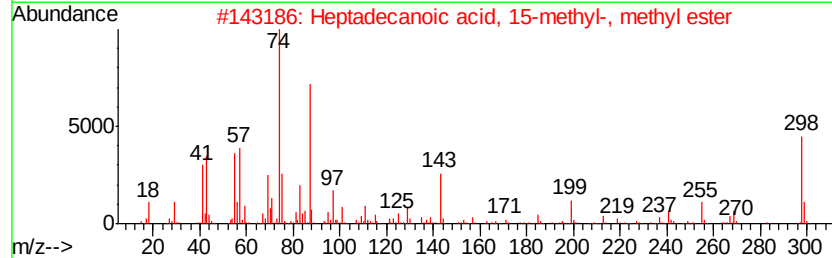
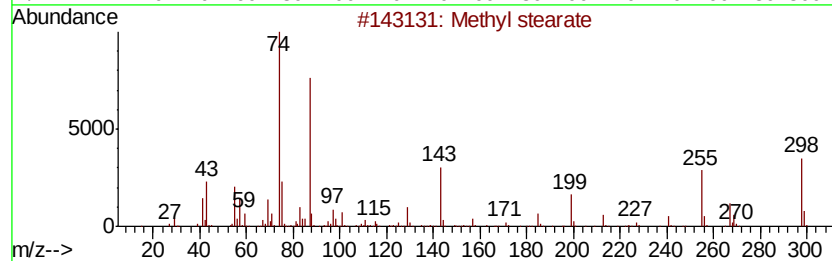
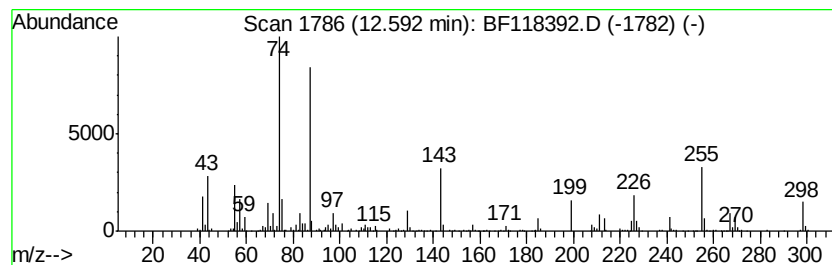
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	68.27 ng	3006070	Phenanthrene-d10	11.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 99
2		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 91
3		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 90
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 87
5		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
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Acq On : 30 Dec 2019 20:28
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ALS Vial : 13 Sample Multiplier: 1

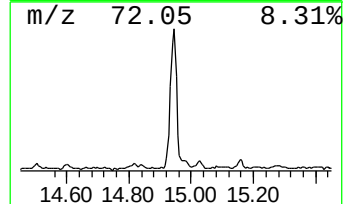
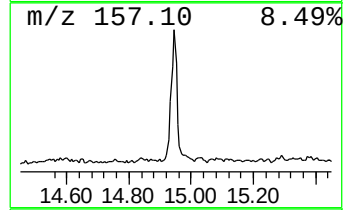
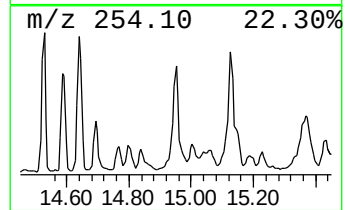
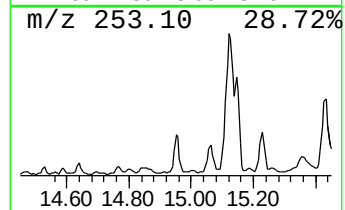
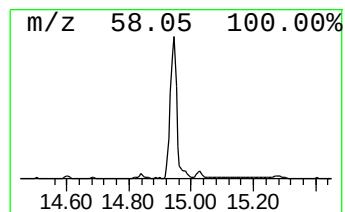
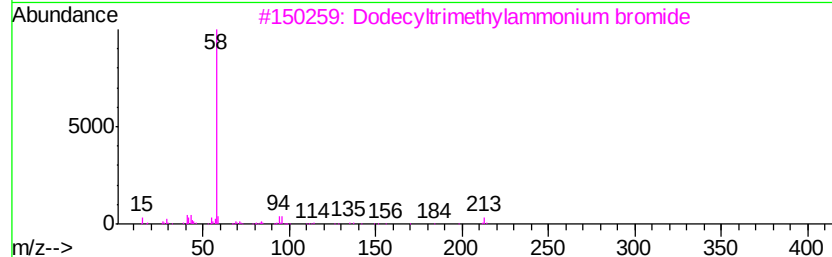
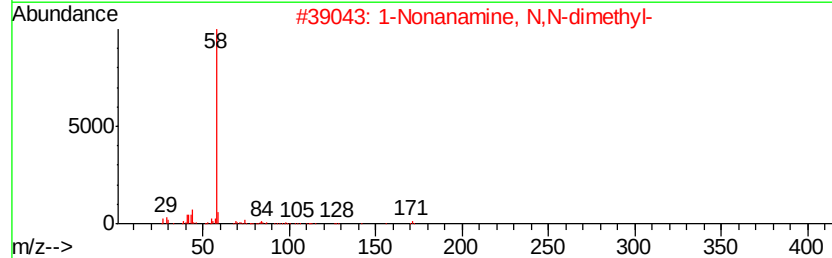
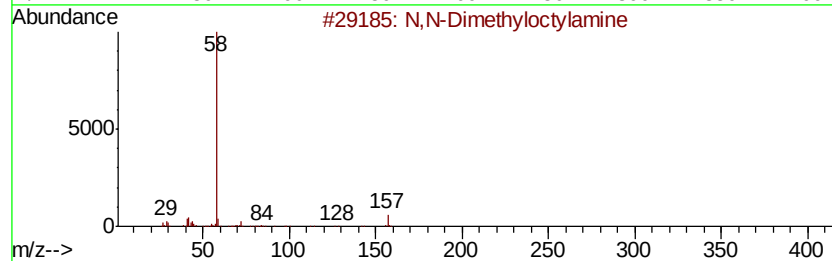
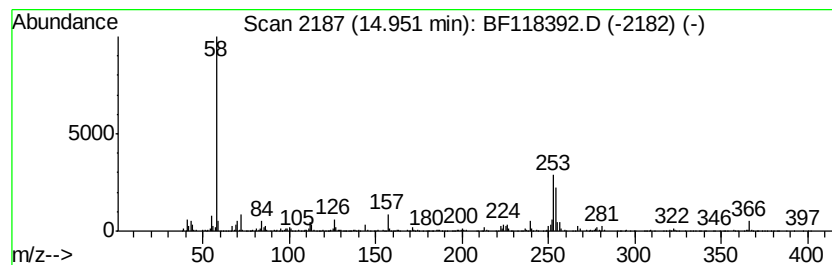
Instrument :
BNA_F
ClientSampleId :
EO-O1-122719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	24.98 ng	1292490	Perylene-d12	15.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N,N-Dimethyloctylamine	157 C10H23N	007378-99-6 52
2		1-Nonanamine, N,N-dimethyl-	171 C11H25N	017373-27-2 52
3		Dodecyltrimethylammonium bromide	307 C15H34BrN	001119-94-4 50
4		Cetrimonium Bromide	363 C19H42BrN	000057-09-0 50
5		Benzamide, 5-bromo-2-hydroxy-N-(...	300 C12H17BrN2O2	289660-53-3 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118392.D
Acq On : 30 Dec 2019 20:28
Operator : JU
Sample : K6114-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719

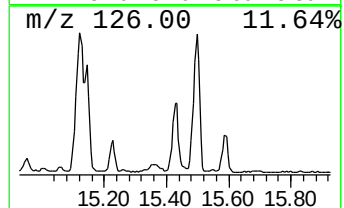
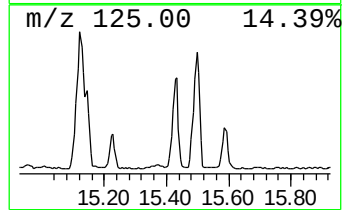
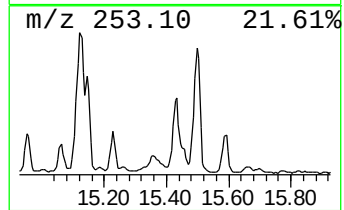
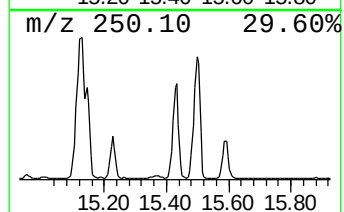
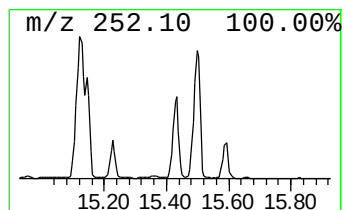
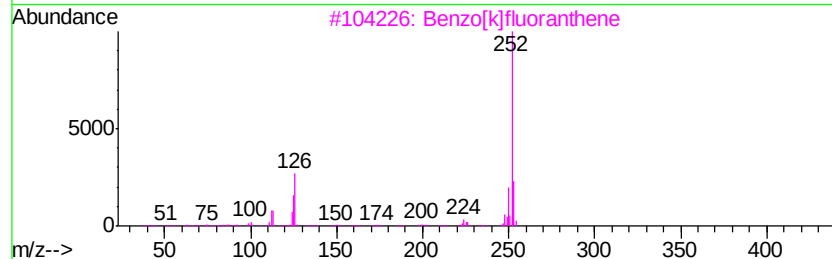
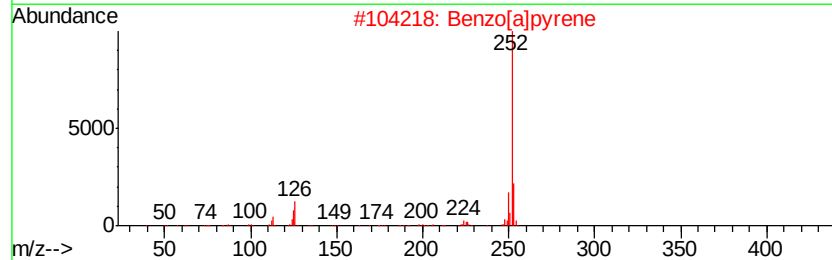
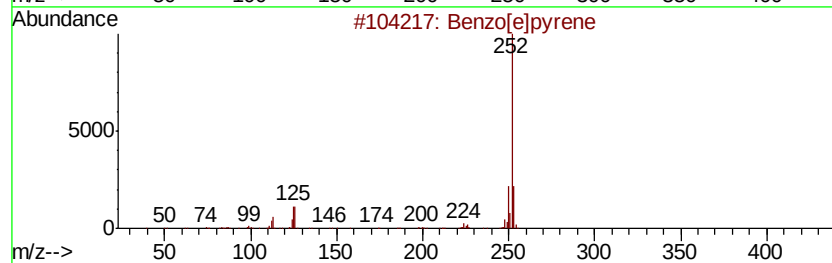
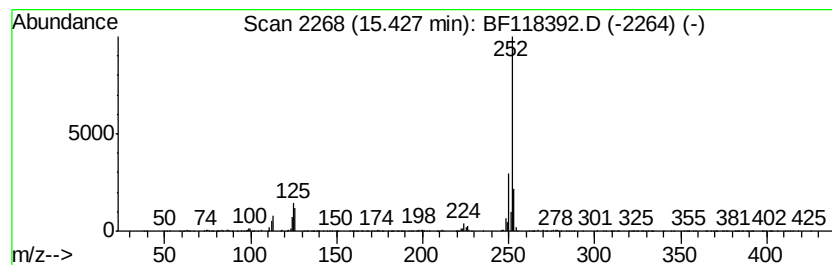
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	38.61 ng	1997510	Perylene-d12	15.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF123019\
 Data File : BF118392.D
 Acq On : 30 Dec 2019 20:28
 Operator : JU
 Sample : K6114-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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
unknown6.62	6.62	35.2	ng	1510520	1	6.85	857645	20.0
Naphthalene, 2,3-...	9.56	21.7	ng	1340580	3	9.90	1236520	20.0
Pentadecane	10.80	22.0	ng	968322	4	11.40	880615	20.0
9H-Fluorene, 2-me...	11.00	21.9	ng	964915	4	11.40	880615	20.0
Heneicosane	11.25	16.4	ng	721687	4	11.40	880615	20.0
Naphtho[2,1-b]thi...	11.29	31.5	ng	1387870	4	11.40	880615	20.0
Dibenzothiophene,...	11.73	16.2	ng	713953	4	11.40	880615	20.0
Hexadecanoic acid...	11.79	180.4	ng	7943980	4	11.40	880615	20.0
Phenanthrene, 2-m...	11.90	45.1	ng	1986580	4	11.40	880615	20.0
Phenanthrene, 1-m...	11.93	62.2	ng	2737900	4	11.40	880615	20.0
4H-Cyclopenta[def...	12.02	81.0	ng	3568090	4	11.40	880615	20.0
Phenanthrene, 4-m...	12.04	20.6	ng	907862	4	11.40	880615	20.0
Naphthalene, 2-ph...	12.20	25.5	ng	1122240	4	11.40	880615	20.0
9,12-Octadecadien...	12.50	567.8	ng	25002500	4	11.40	880615	20.0
9-Octadecenoic ac...	12.52	441.1	ng	19420200	4	11.40	880615	20.0
Methyl stearate	12.59	68.3	ng	3006070	4	11.40	880615	20.0
N,N-Dimethyloctyl...	14.95	25.0	ng	1292490	6	15.56	1034720	20.0
Benzo[e]pyrene	15.43	38.6	ng	1997510	6	15.56	1034720	20.0