

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112519\
 Data File : BF117996.D
 Acq On : 26 Nov 2019 5:29
 Operator : JU
 Sample : K5672-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-112219

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-BF111319.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	5.498	576	580	591	rVB	568631	489069	1.65%	0.370%
2	6.510	744	752	760	rBV	606405	573967	1.94%	0.434%
3	6.657	774	777	781	rVB	702113	549459	1.86%	0.415%
4	6.893	813	817	821	rBV	924104	751921	2.54%	0.568%
5	7.051	839	844	846	rBV	502419	474289	1.60%	0.359%
6	7.451	910	912	915	rVV2	397984	356306	1.21%	0.269%
7	7.492	916	919	923	rVV	330608	311157	1.05%	0.235%
8	7.916	989	991	998	rVB5	208359	348519	1.18%	0.263%
9	8.163	1030	1033	1034	rVV	643519	589082	1.99%	0.445%
10	8.181	1034	1036	1038	rVV	1155484	980655	3.32%	0.741%
11	8.204	1038	1040	1042	rVV	778621	610024	2.06%	0.461%
12	8.239	1042	1046	1049	rVB2	292672	323236	1.09%	0.244%
13	8.475	1080	1086	1090	rVV4	282246	339827	1.15%	0.257%
14	8.687	1119	1122	1125	rBV2	475099	387066	1.31%	0.293%
15	8.775	1134	1137	1141	rBV2	629452	552525	1.87%	0.418%
16	8.898	1155	1158	1161	rVB	948455	707964	2.39%	0.535%
17	8.998	1171	1175	1179	rBV2	936262	984525	3.33%	0.744%
18	9.257	1216	1219	1222	rBV	753384	560416	1.90%	0.424%
19	9.339	1229	1233	1236	rBV	762351	723863	2.45%	0.547%
20	9.522	1261	1264	1269	rVB2	539048	701225	2.37%	0.530%
21	9.604	1269	1278	1280	rBV	814725	1057666	3.58%	0.799%
22	9.628	1280	1282	1284	rVV	579148	455508	1.54%	0.344%
23	9.663	1284	1288	1290	rVV3	500551	616418	2.08%	0.466%
24	9.722	1295	1298	1303	rBV2	528785	557986	1.89%	0.422%
25	9.804	1309	1312	1316	rVB	779533	664886	2.25%	0.503%
26	9.875	1316	1324	1326	rBV	789481	808078	2.73%	0.611%
27	9.945	1333	1336	1339	rVV	1041081	933262	3.16%	0.705%
28	9.981	1339	1342	1344	rVV	886154	799554	2.70%	0.604%
29	10.051	1350	1354	1358	rBV2	259049	324540	1.10%	0.245%
30	10.104	1358	1363	1366	rBV3	218718	345971	1.17%	0.262%
31	10.145	1366	1370	1375	rVV	642047	803601	2.72%	0.607%
32	10.186	1375	1377	1383	rVV3	425756	489203	1.65%	0.370%
33	10.263	1387	1390	1393	rBV	387564	434630	1.47%	0.329%
34	10.357	1401	1406	1407	rBV3	217100	303688	1.03%	0.230%

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35	10.375	1407	1409	1411	rVB2	1016540	719400	2.43%	0.544%
36	10.498	1426	1430	1435	rBV	1338559	1227376	4.15%	0.928%
37	10.733	1468	1470	1474	rVB	548687	457946	1.55%	0.346%
38	10.851	1487	1490	1498	rVB2	952619	1191728	4.03%	0.901%
39	11.045	1518	1523	1525	rBV	475502	558767	1.89%	0.422%
40	11.075	1525	1528	1531	rVV2	439057	441253	1.49%	0.334%
41	11.175	1540	1545	1547	rBV4	198930	322869	1.09%	0.244%
42	11.298	1561	1566	1569	rVV2	819895	849859	2.87%	0.642%
43	11.333	1569	1572	1577	rVB2	714549	747070	2.53%	0.565%
44	11.439	1587	1590	1592	rBV	775232	788665	2.67%	0.596%
45	11.469	1592	1595	1598	rVV	4066184	4158745	14.07%	3.143%
46	11.516	1601	1603	1606	rVV	1649321	1433577	4.85%	1.084%
47	11.669	1626	1629	1636	rBV2	255761	343656	1.16%	0.260%
48	11.727	1636	1639	1641	rVV2	712956	687372	2.32%	0.520%
49	11.751	1641	1643	1645	rVV2	631624	527404	1.78%	0.399%
50	11.769	1645	1646	1652	rVV2	333014	332978	1.13%	0.252%
51	11.845	1652	1659	1664	rVB	9259505	10924960	36.95%	8.258%
52	11.945	1672	1676	1678	rBV	1101810	1023097	3.46%	0.773%
53	11.975	1678	1681	1686	rVV	2065702	1928793	6.52%	1.458%
54	12.022	1686	1689	1692	rVV	582408	560022	1.89%	0.423%
55	12.057	1692	1695	1698	rVV2	1575628	1916077	6.48%	1.448%
56	12.080	1698	1699	1703	rVB	977610	597185	2.02%	0.451%
57	12.139	1705	1709	1713	rBV	524958	620790	2.10%	0.469%
58	12.239	1718	1726	1729	rBV2	726419	844976	2.86%	0.639%
59	12.422	1754	1757	1759	rBV	372082	301189	1.02%	0.228%
60	12.498	1766	1770	1771	rBV	859497	857107	2.90%	0.648%
61	12.557	1771	1780	1782	rBV2	10767994	29565939	100.00%	22.348%
62	12.639	1790	1794	1796	rVB	5426087	4485614	15.17%	3.391%
63	12.675	1796	1800	1802	rBV	4867128	5761884	19.49%	4.355%
64	12.704	1802	1805	1813	rVB	3463689	4481638	15.16%	3.388%
65	12.763	1813	1815	1819	rVB	594667	505356	1.71%	0.382%
66	12.869	1830	1833	1834	rBV	458045	395624	1.34%	0.299%
67	12.910	1834	1840	1846	rVB	3576940	4895695	16.56%	3.701%
68	12.992	1852	1854	1857	rBV3	322480	359505	1.22%	0.272%
69	13.033	1859	1861	1864	rVB2	636751	604921	2.05%	0.457%
70	13.063	1864	1866	1870	rVB2	344866	372707	1.26%	0.282%
71	13.116	1871	1875	1882	rVB5	558936	1082692	3.66%	0.818%

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72	13.227	1886	1894	1897	rVB	1294200	1964414	6.64%	1.485%
73	13.274	1897	1902	1904	rBV2	848014	1233303	4.17%	0.932%
74	13.292	1904	1905	1908	rVB	930681	657172	2.22%	0.497%
75	13.333	1908	1912	1914	rBV2	876660	1097678	3.71%	0.830%
76	13.357	1914	1916	1919	rVB2	954244	828970	2.80%	0.627%
77	13.427	1925	1928	1930	rVB	487547	463457	1.57%	0.350%
78	13.457	1930	1933	1936	rBV	915569	826353	2.79%	0.625%
79	13.539	1943	1947	1951	rVB4	741543	886163	3.00%	0.670%
80	13.704	1972	1975	1978	rBV2	225738	359828	1.22%	0.272%
81	13.733	1978	1980	1984	rVB	269823	338270	1.14%	0.256%
82	13.845	1995	1999	2002	rBV2	386131	497639	1.68%	0.376%
83	13.874	2002	2004	2006	rVV	427142	314887	1.07%	0.238%
84	13.898	2006	2008	2011	rVV2	270075	308650	1.04%	0.233%
85	13.933	2011	2014	2019	rVB4	271568	415117	1.40%	0.314%
86	14.021	2026	2029	2034	rVB2	659852	712092	2.41%	0.538%
87	14.092	2036	2041	2044	rVV2	2198715	3038143	10.28%	2.296%
88	14.127	2044	2047	2053	rVB	1967707	1860541	6.29%	1.406%
89	14.245	2064	2067	2071	rBV3	274367	363349	1.23%	0.275%
90	14.316	2076	2079	2083	rBV3	149413	309780	1.05%	0.234%
91	14.480	2103	2107	2110	rVV	531851	617660	2.09%	0.467%
92	14.551	2115	2119	2122	rBV3	576425	835606	2.83%	0.632%
93	14.998	2190	2195	2203	rBV	1645273	2553462	8.64%	1.930%
94	15.163	2218	2223	2226	rBV	963506	1629668	5.51%	1.232%
95	15.474	2272	2276	2282	rVB	646648	836116	2.83%	0.632%
96	15.539	2283	2287	2293	rVB	921946	1235327	4.18%	0.934%
97	15.604	2294	2298	2301	rBV	428803	661205	2.24%	0.500%
98	17.133	2554	2558	2567	rVB2	358546	668438	2.26%	0.505%

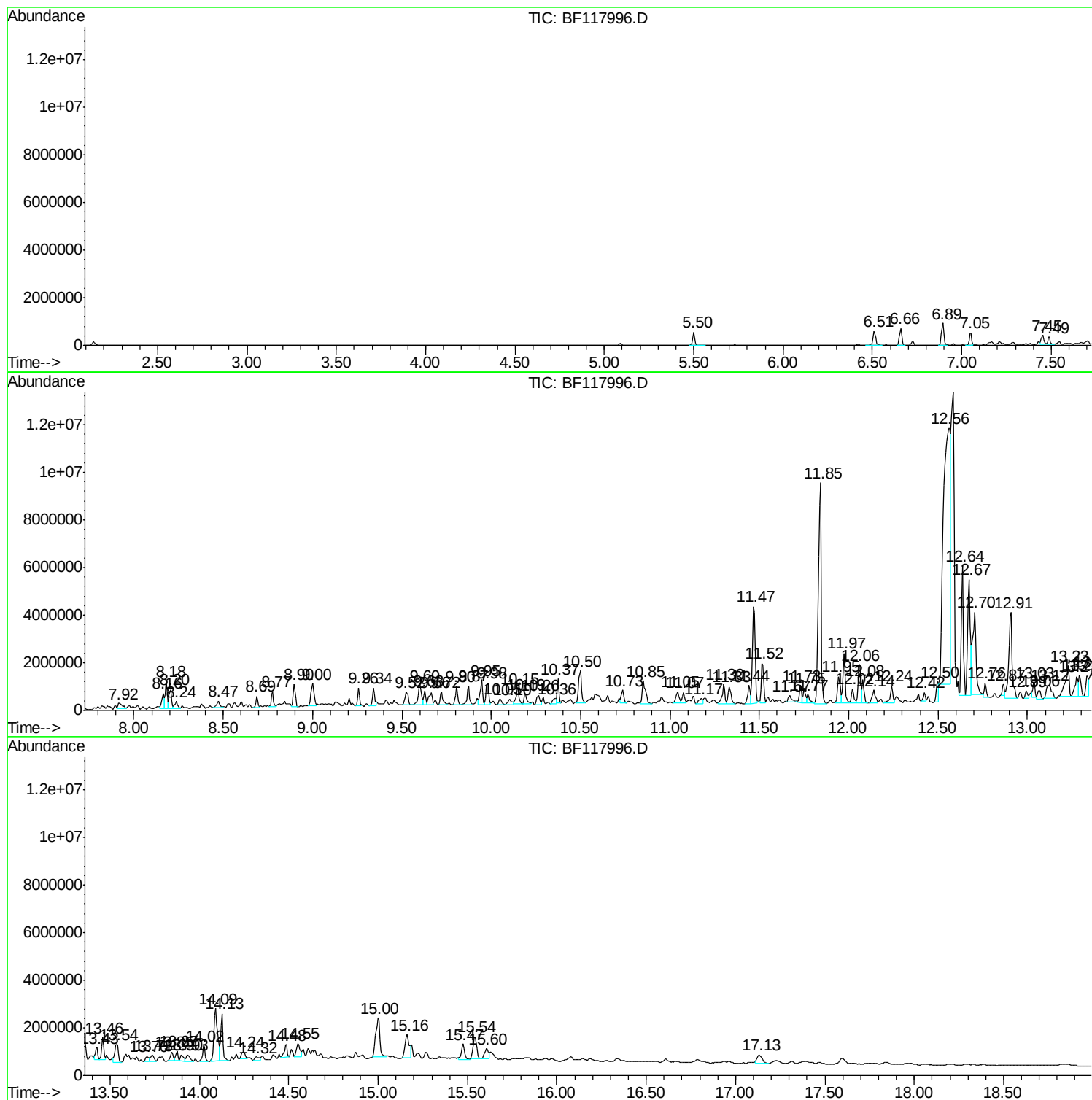
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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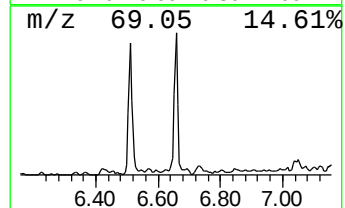
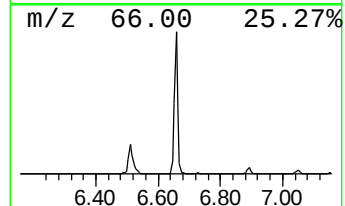
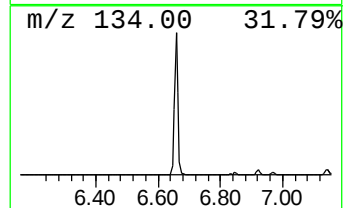
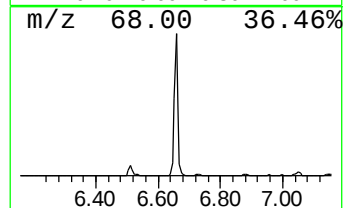
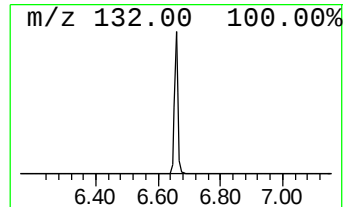
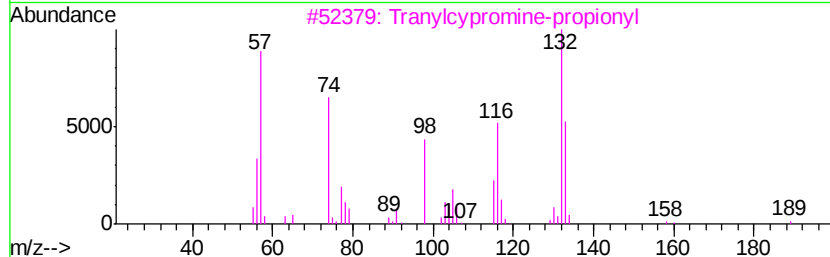
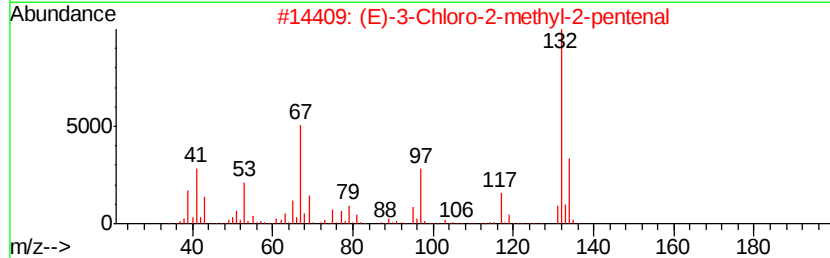
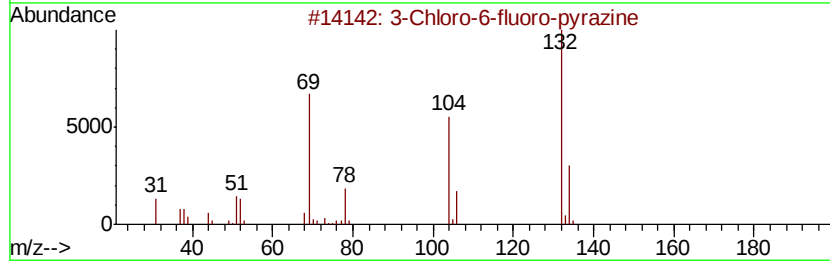
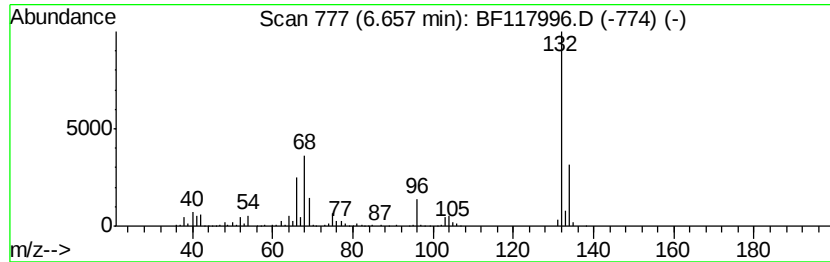
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.61 ng	549459	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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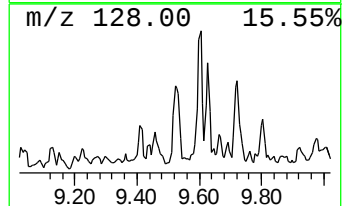
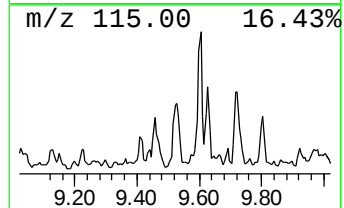
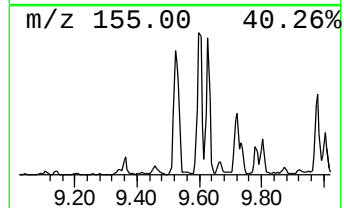
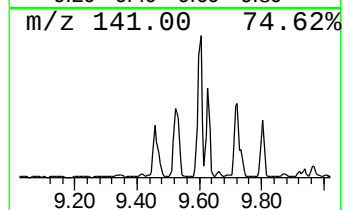
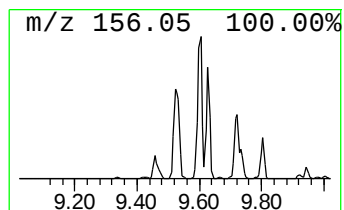
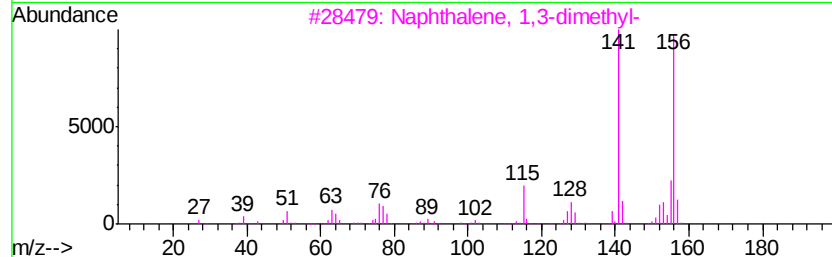
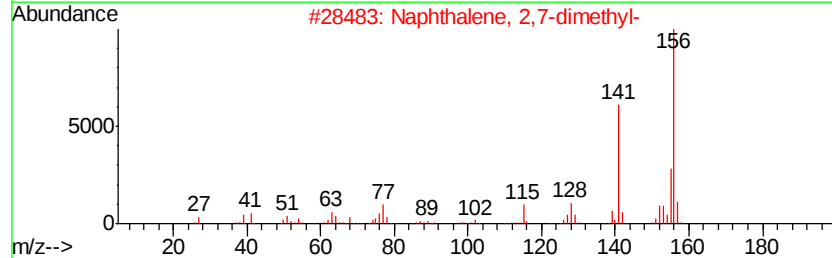
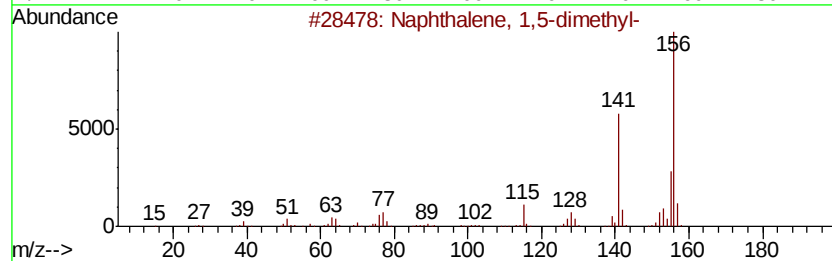
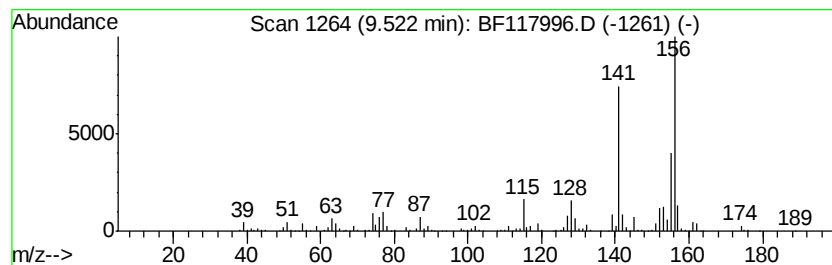
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	15.03 ng	701225	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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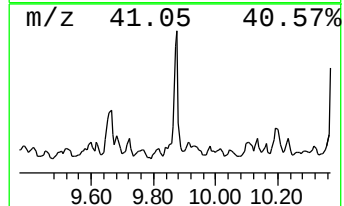
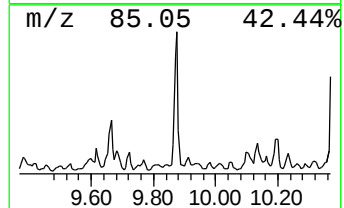
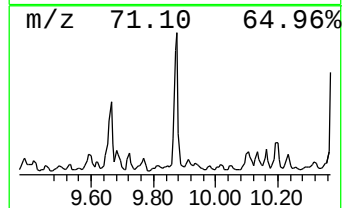
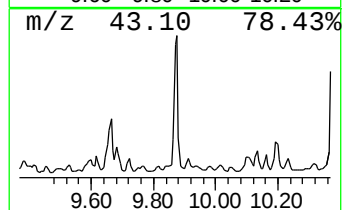
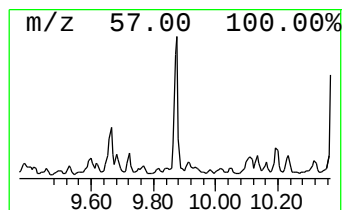
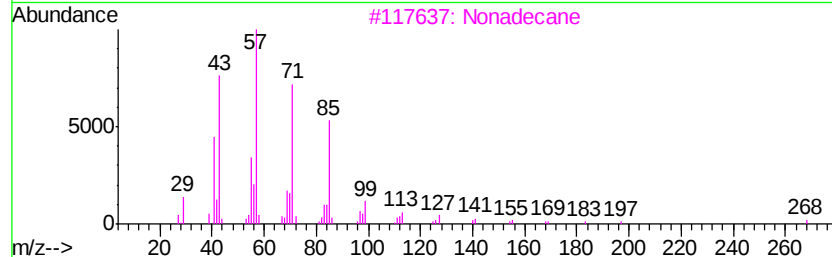
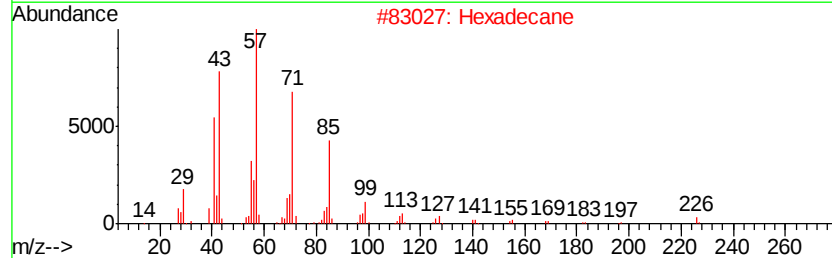
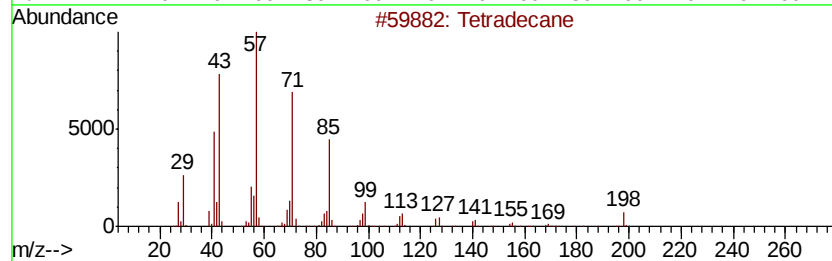
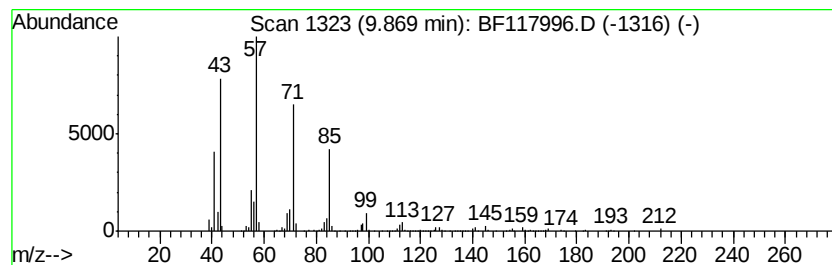
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 Peak Number 3 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	17.32 ng	808078	Acenaphthene-d10	9.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Nonadecane	268	C19H40	000629-92-5	83
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5		9-methylheptadecane	254	C18H38	026741-18-4	72



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Operator : JU
Sample : K5672-01 5X
Misc :
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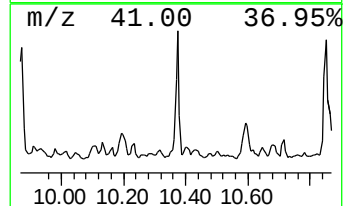
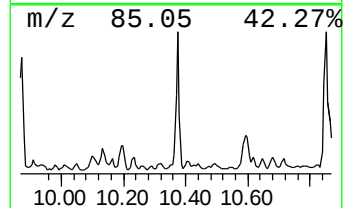
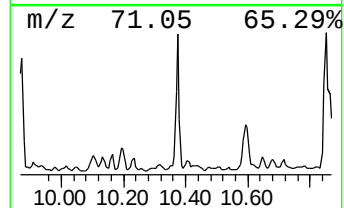
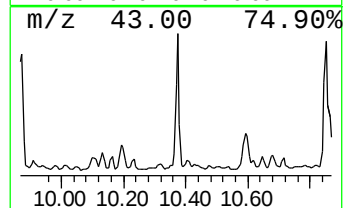
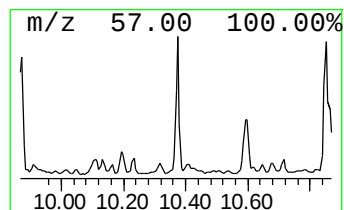
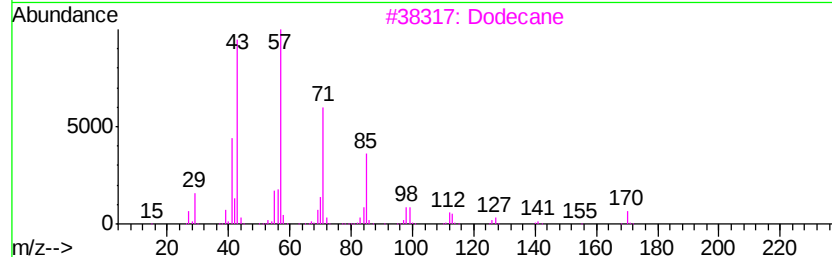
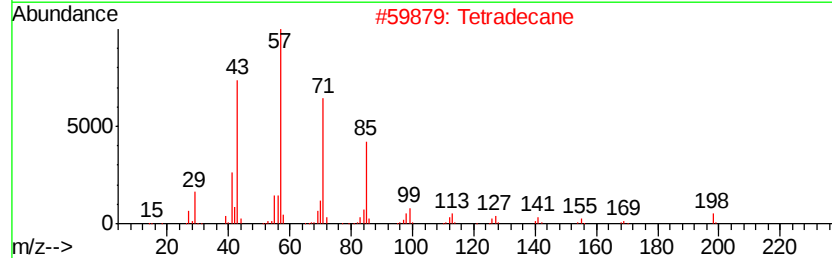
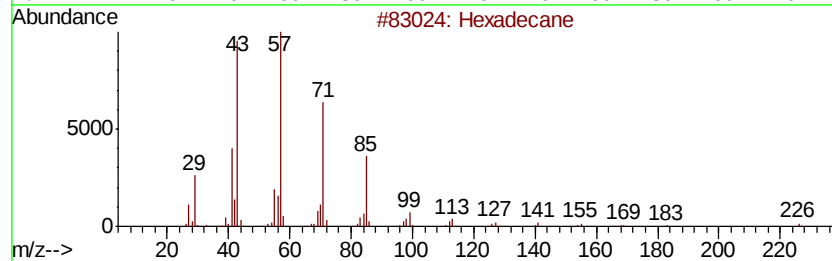
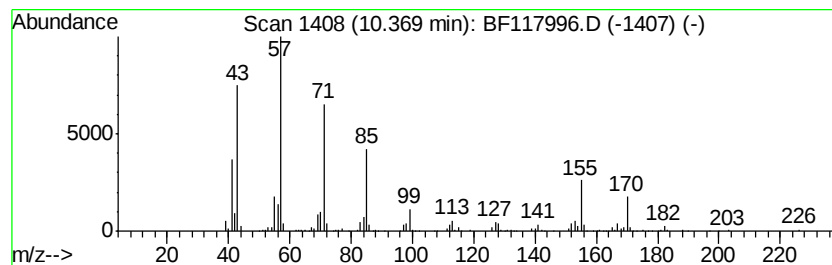
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	15.42 ng	719400	Acenaphthene-d10	9.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Tetradecane	198 C14H30	000629-59-4	83
3	Dodecane	170 C12H26	000112-40-3	83
4	Pentadecane	212 C15H32	000629-62-9	83
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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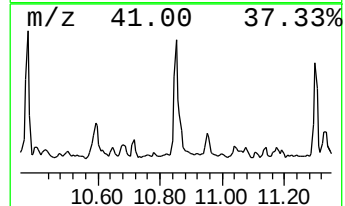
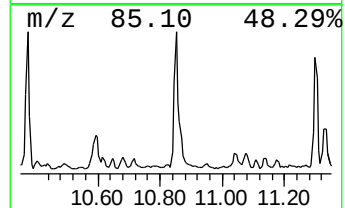
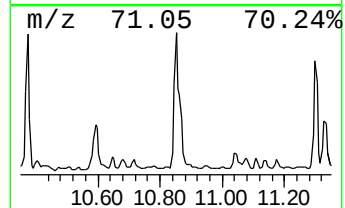
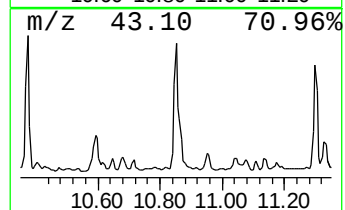
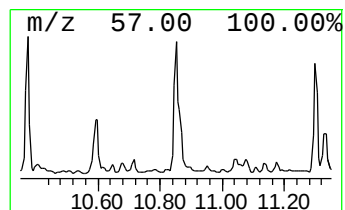
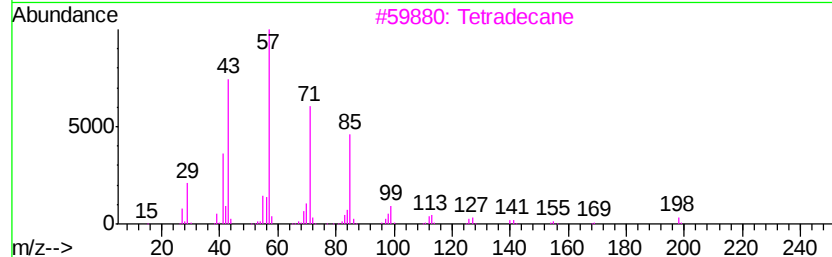
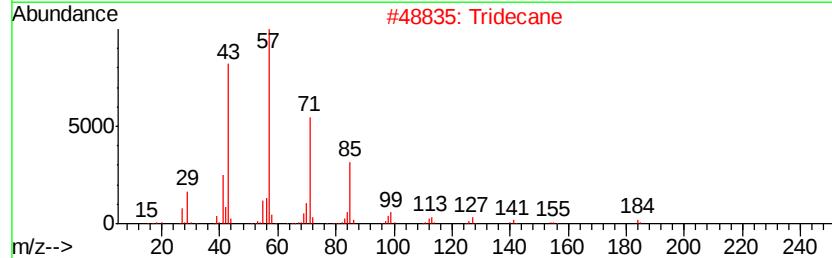
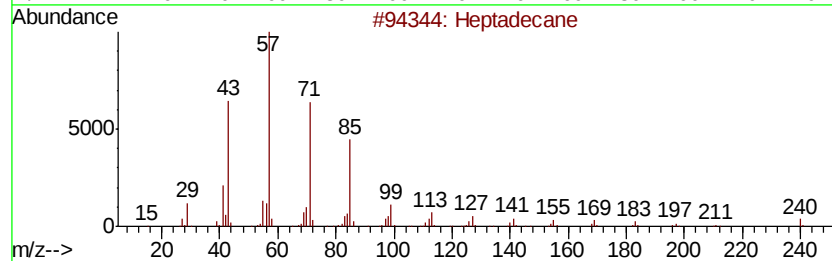
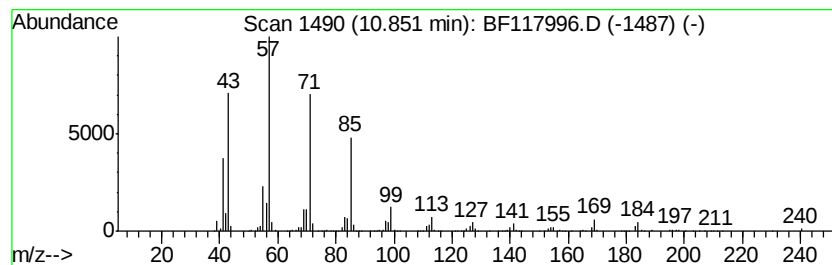
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	30.22 ng	1191730	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Tridecane		184	C13H28	000629-50-5	90
3	Tetradecane		198	C14H30	000629-59-4	87
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	87
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
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Misc :
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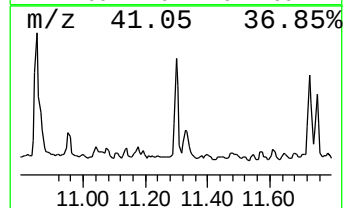
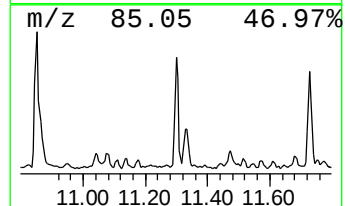
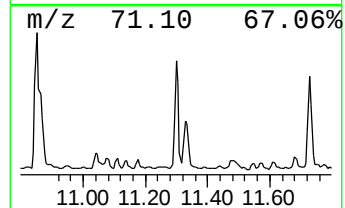
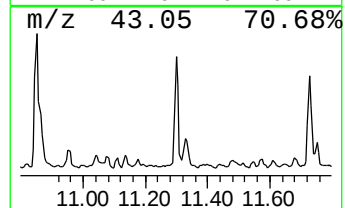
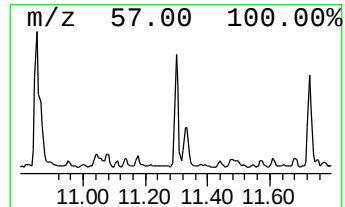
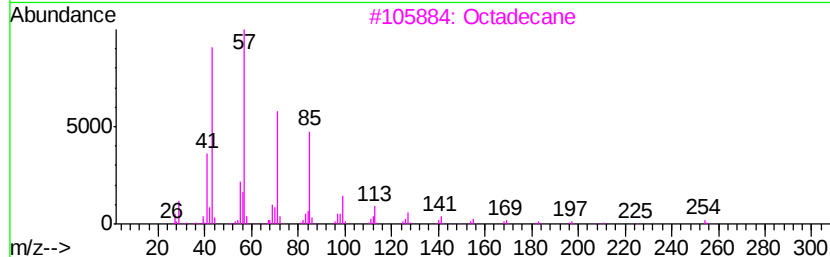
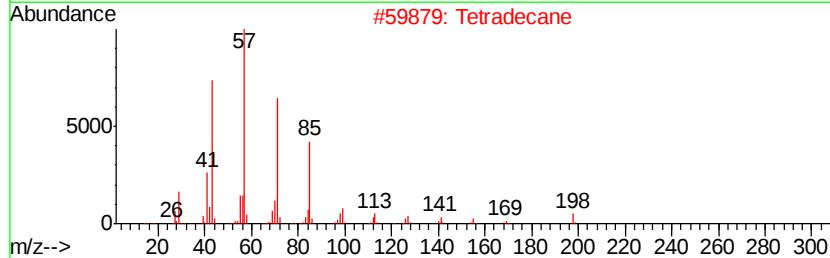
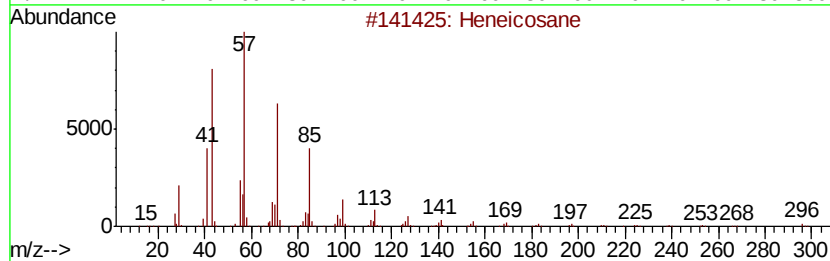
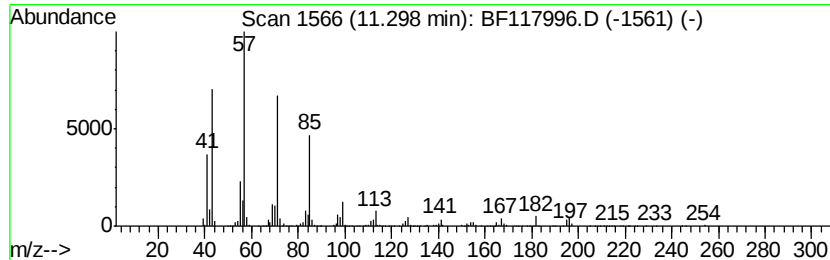
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	21.55 ng	849859	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Tetradecane	198	C14H30	000629-59-4	83
3		Octadecane	254	C18H38	000593-45-3	83
4		Octacosane	394	C28H58	000630-02-4	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
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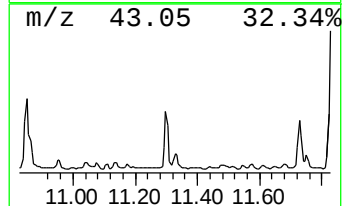
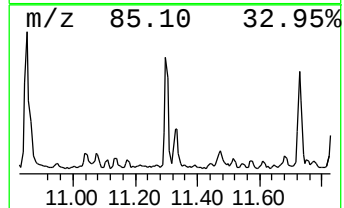
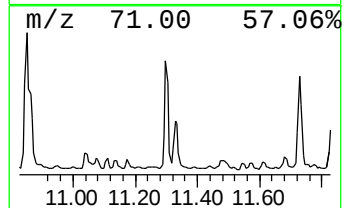
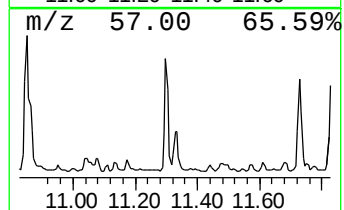
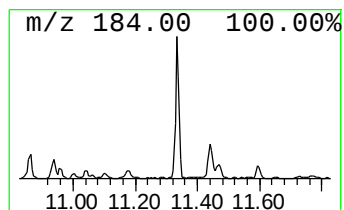
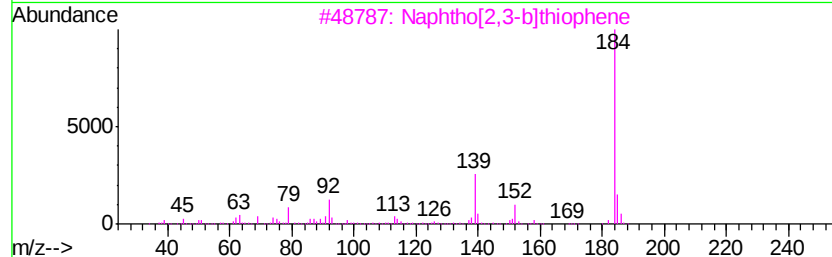
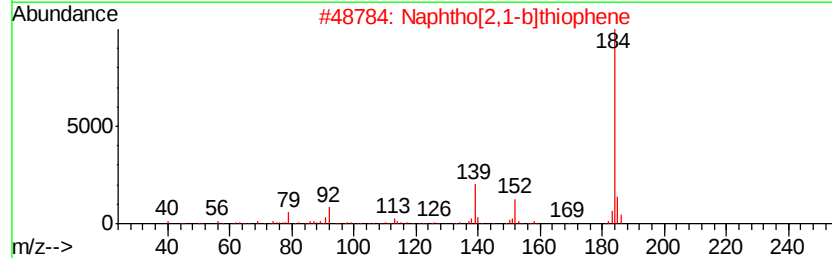
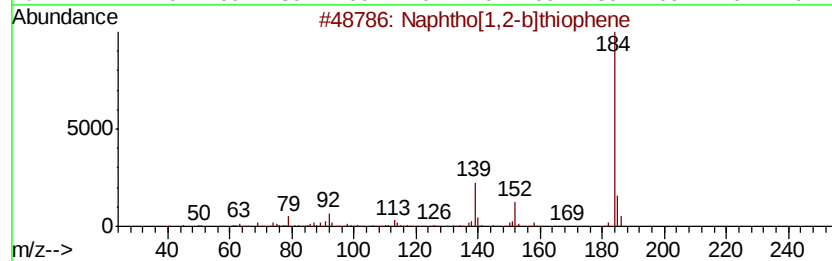
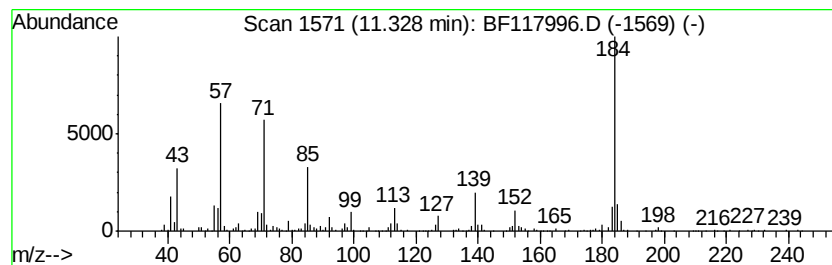
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	18.95 ng	747070	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	89
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	89
4		Dibenzothiophene	184	C12H8S	000132-65-0	81
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
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Misc :
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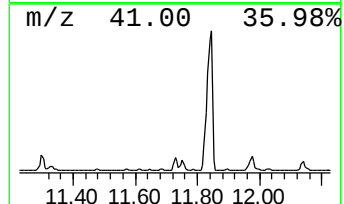
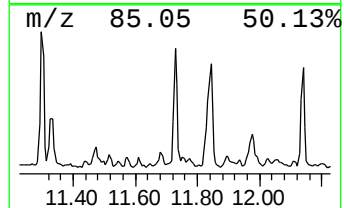
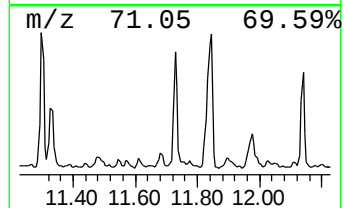
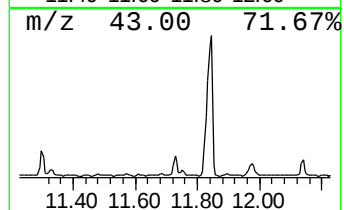
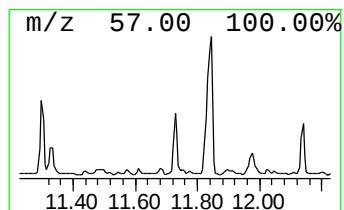
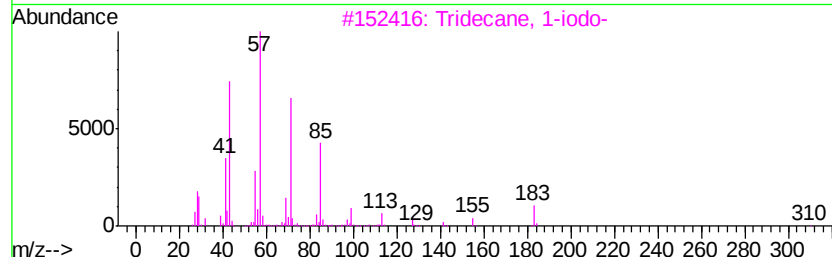
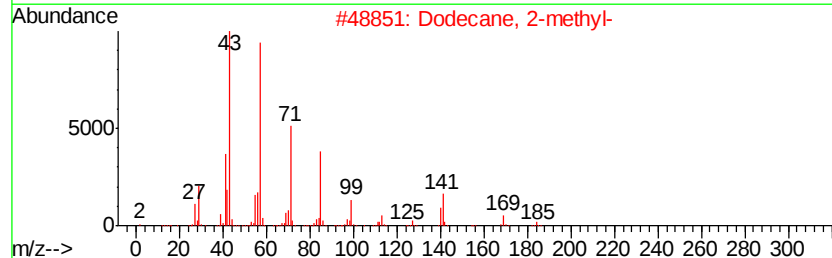
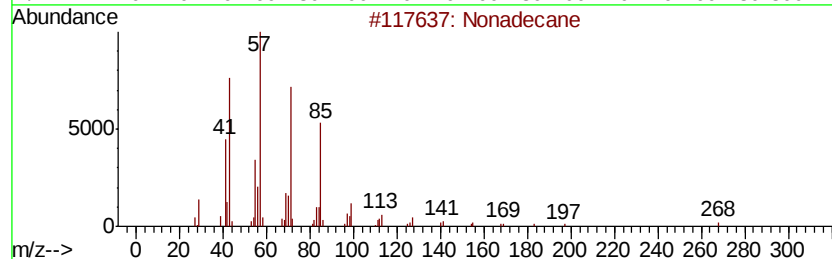
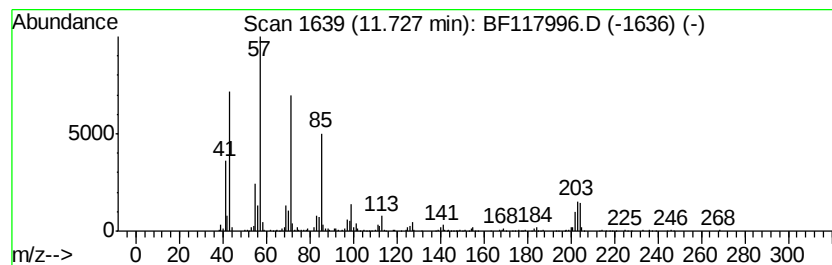
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	17.43 ng	687372	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	95
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	74
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	74
4	Tridecane		184	C13H28	000629-50-5	72
5	Hexadecane		226	C16H34	000544-76-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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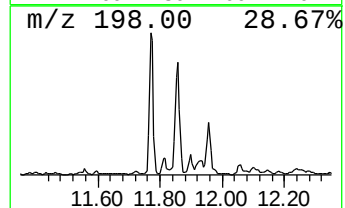
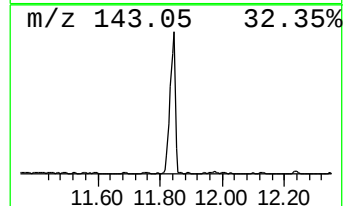
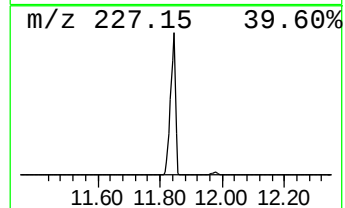
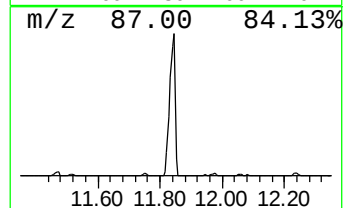
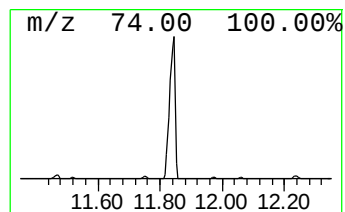
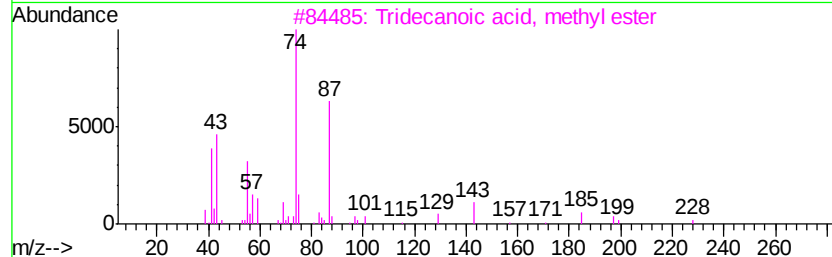
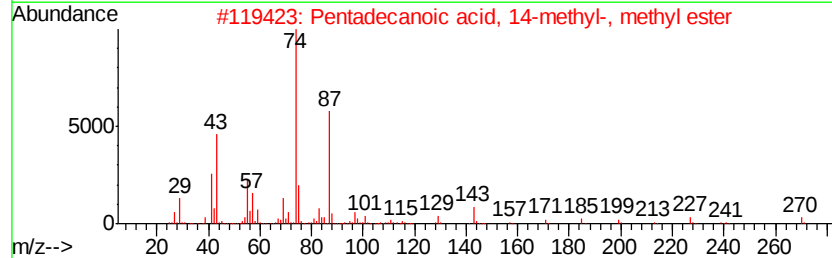
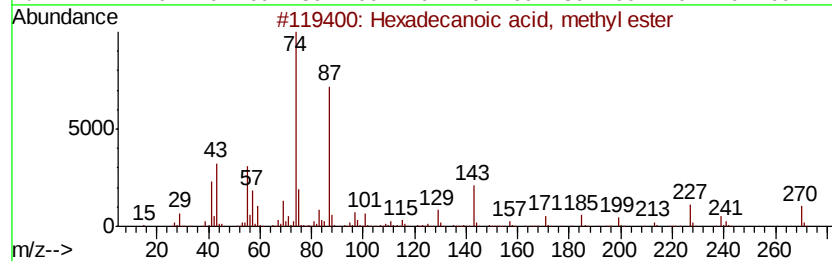
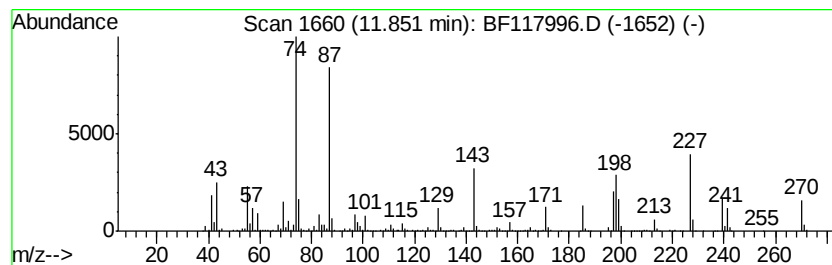
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.85	277.05 ng	10925000	Phenanthrene-d10	11.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98	
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94	
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93	
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87	
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80	



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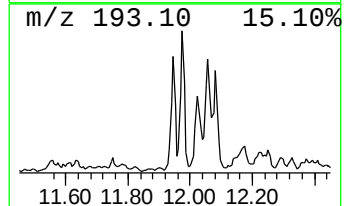
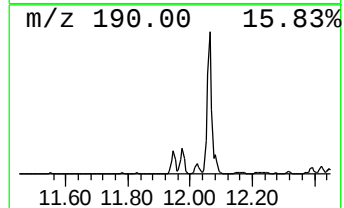
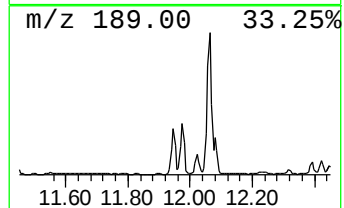
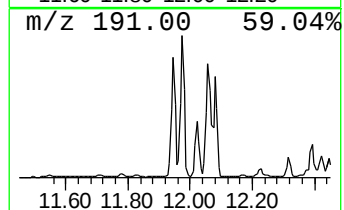
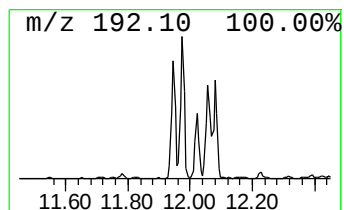
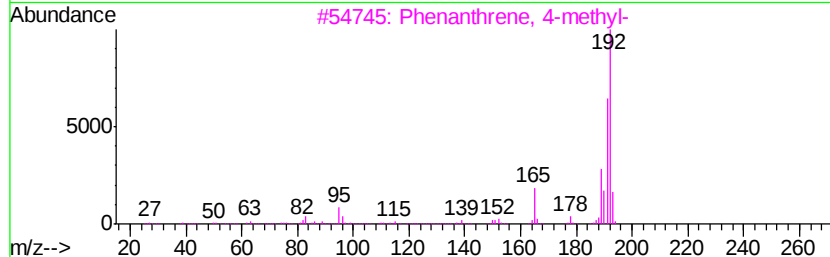
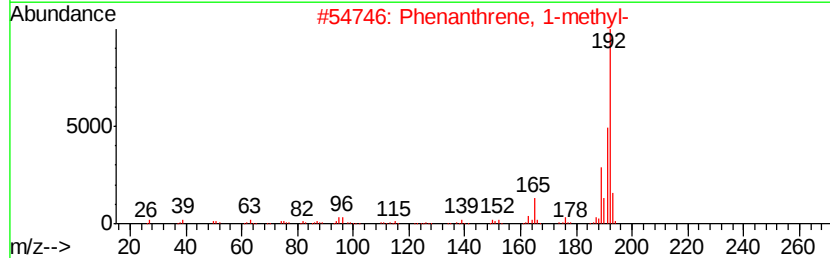
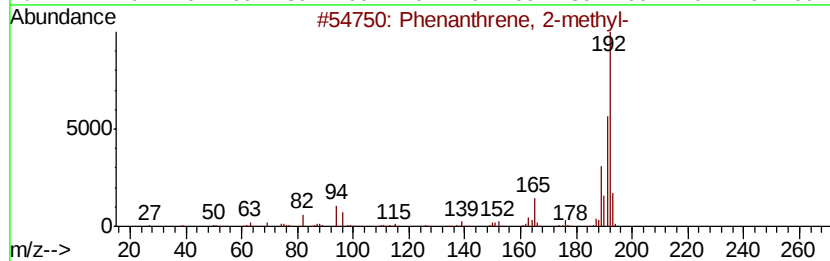
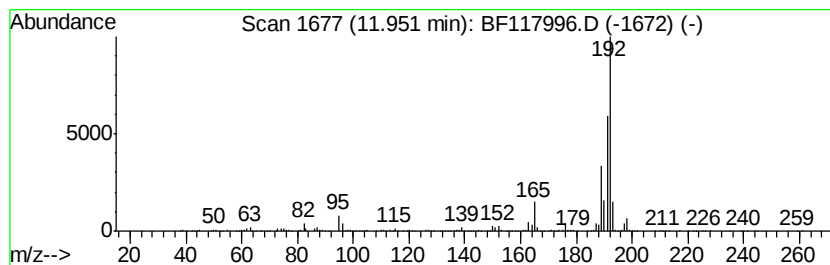
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	25.95 ng	1023100	Phenanthrene-d10	11.44

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	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
Operator : JU
Sample : K5672-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-112219

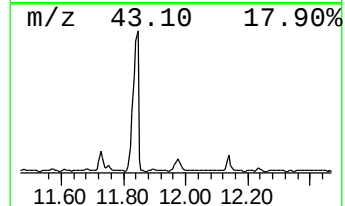
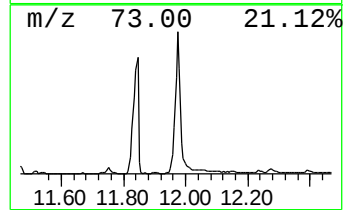
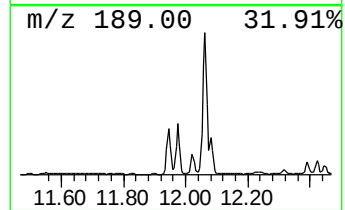
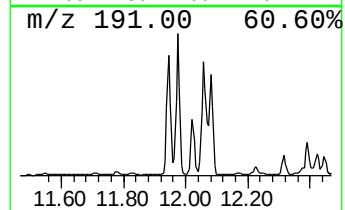
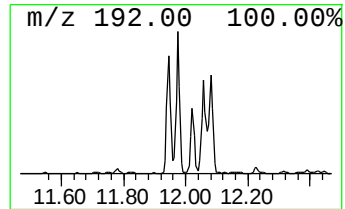
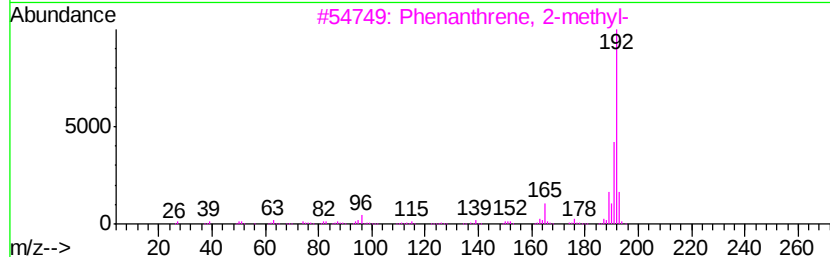
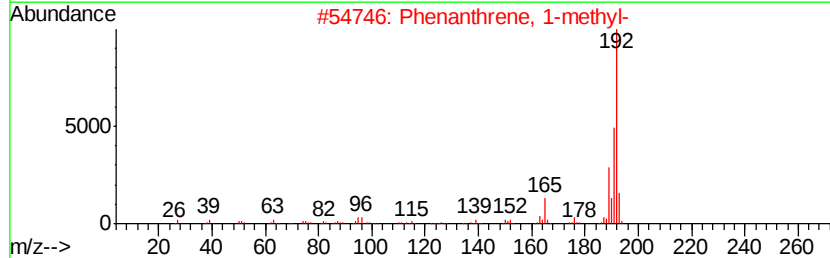
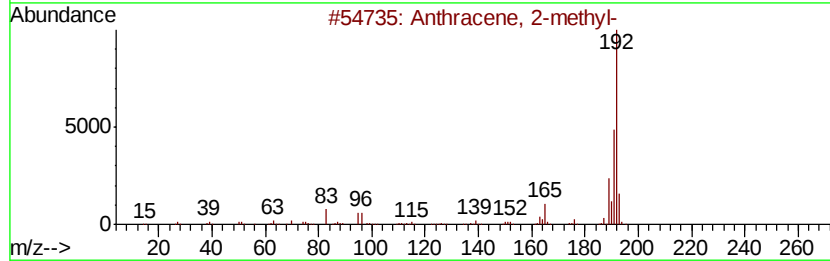
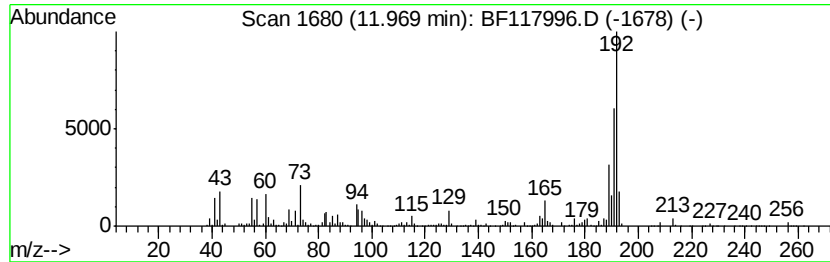
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	48.91 ng	1928790	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
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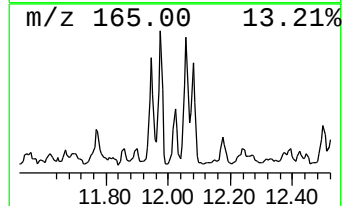
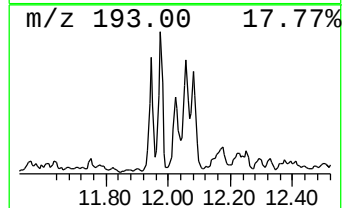
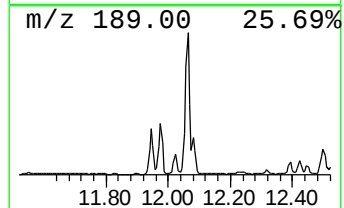
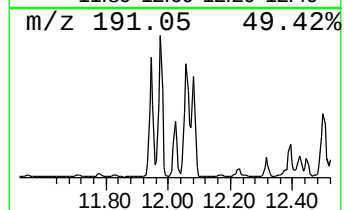
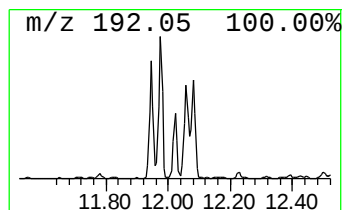
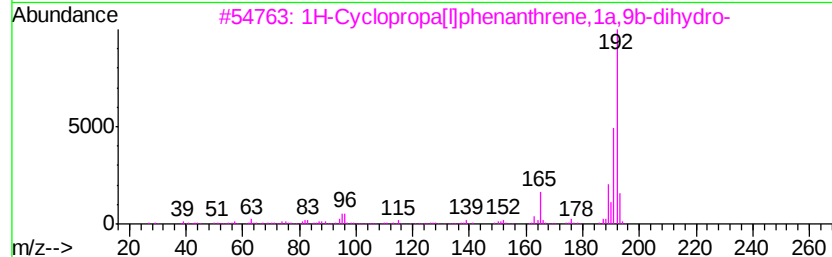
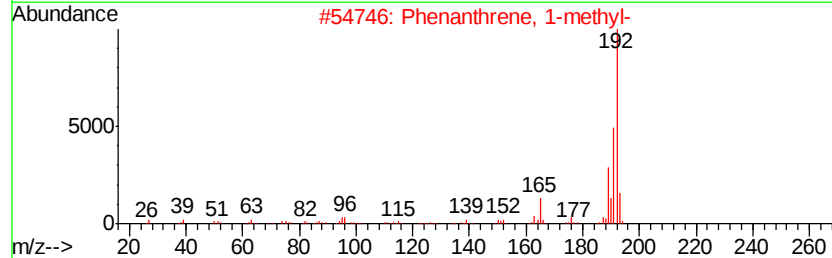
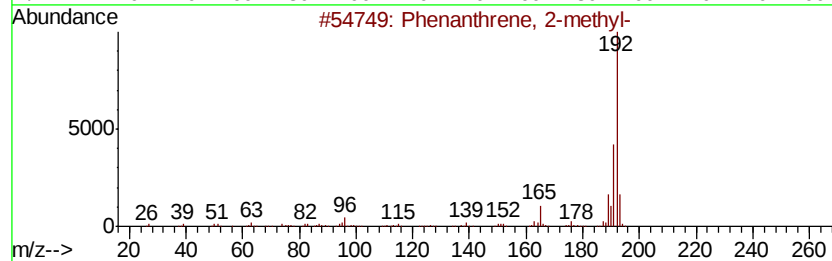
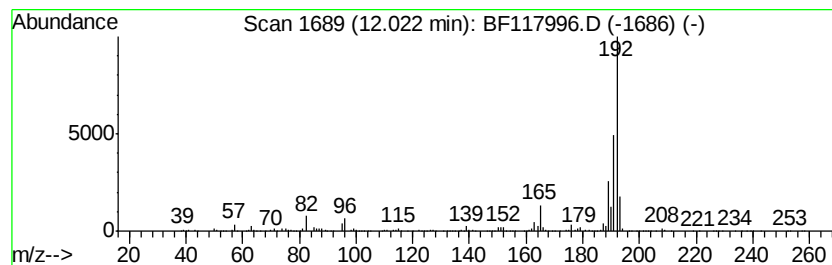
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	14.20 ng	560022	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
Operator : JU
Sample : K5672-01 5X
Misc :
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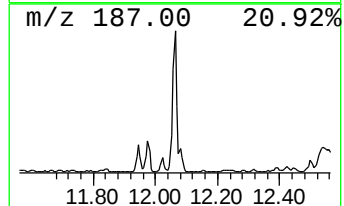
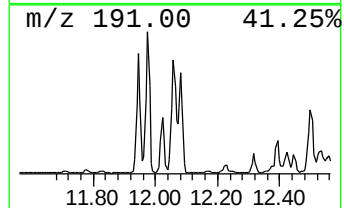
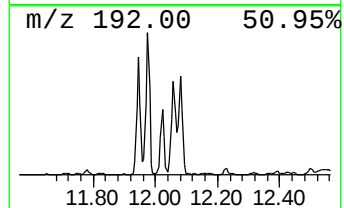
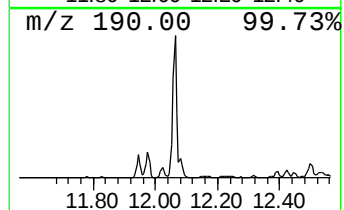
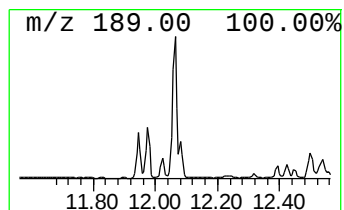
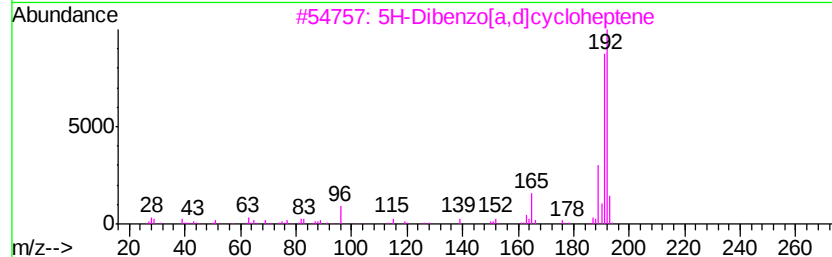
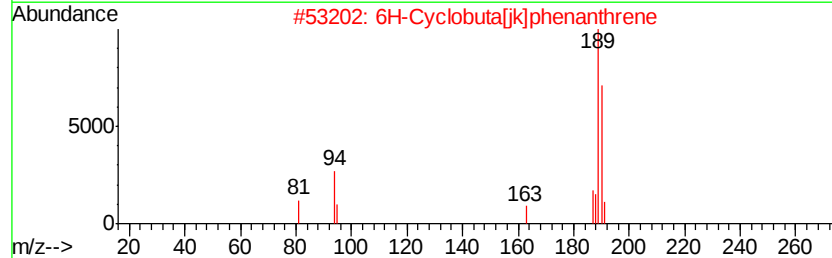
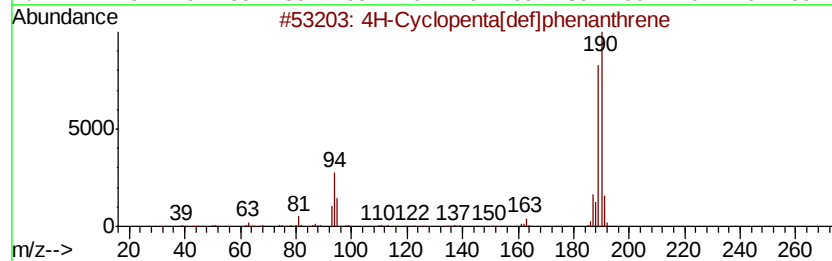
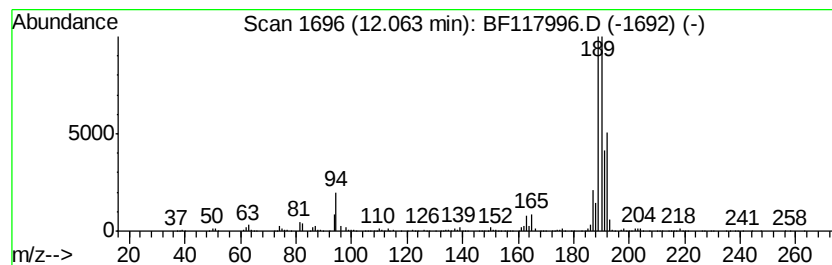
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	48.59 ng	1916080	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4		1a,9b-Dihydro-1H-cyclopropa[alan...]	192	C15H12	006109-24-6	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
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ALS Vial : 23 Sample Multiplier: 1

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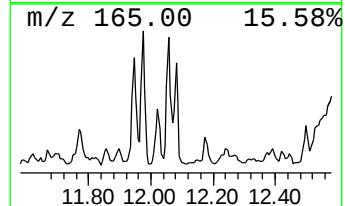
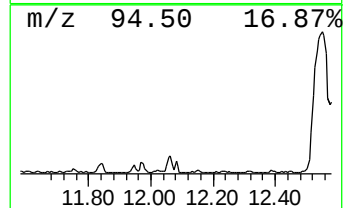
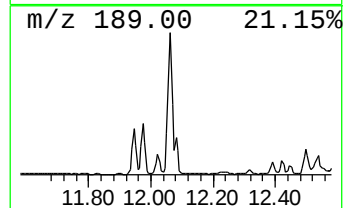
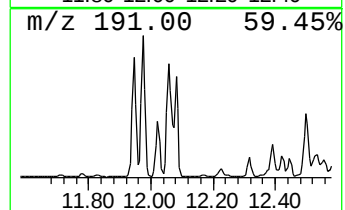
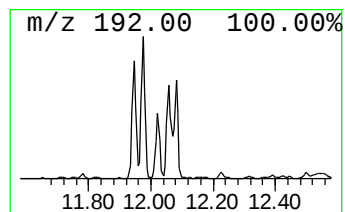
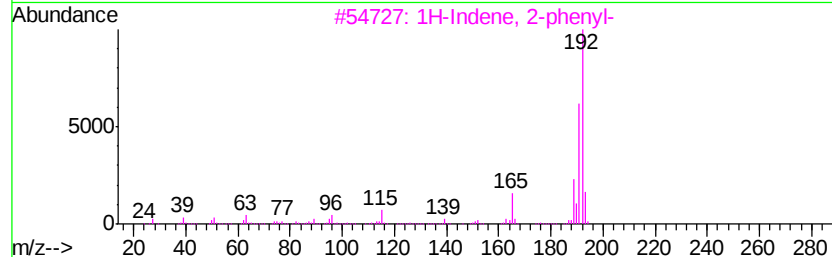
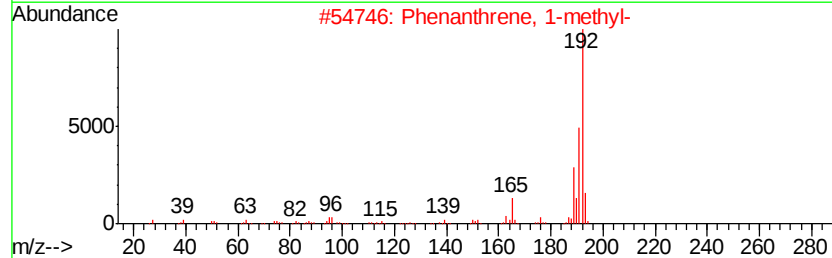
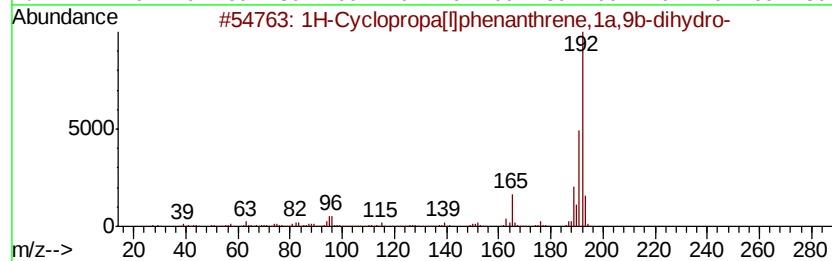
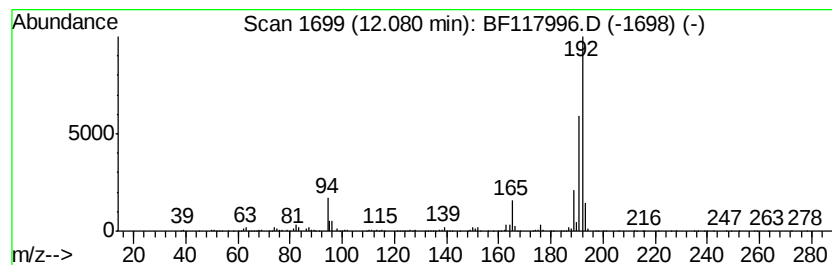
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	15.14 ng	597185	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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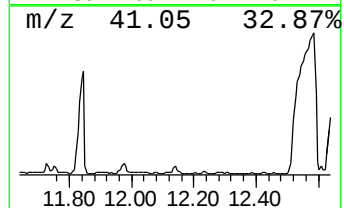
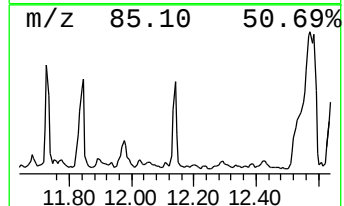
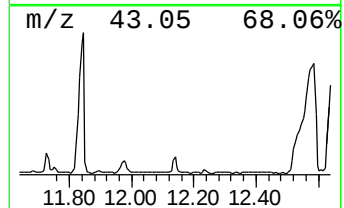
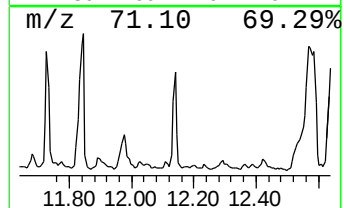
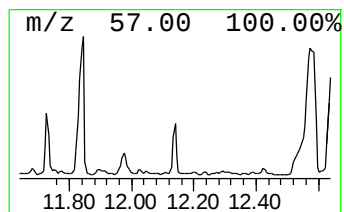
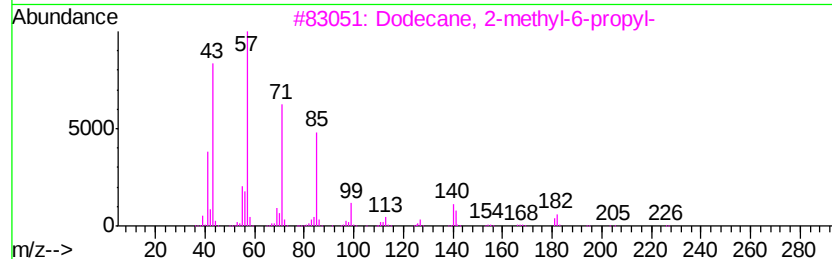
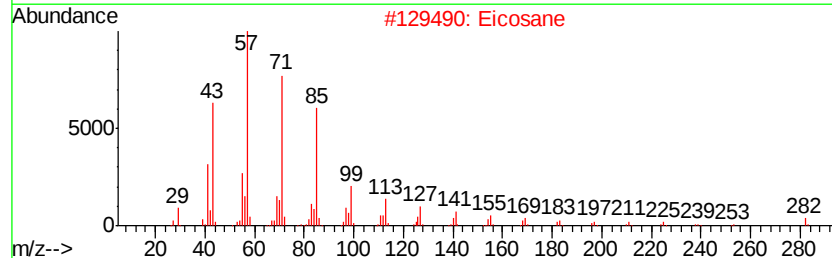
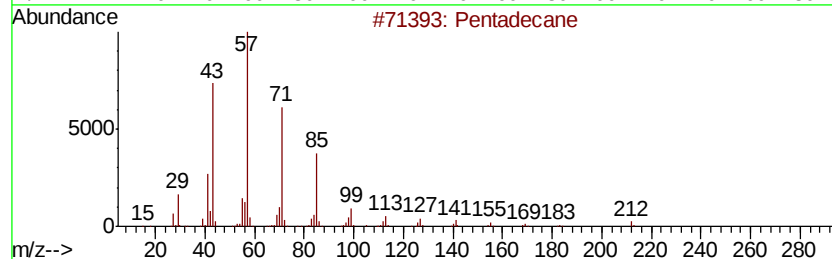
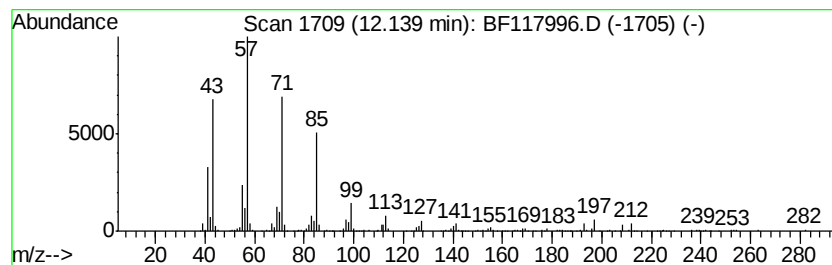
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	15.74 ng	620790	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4		Heptadecane	240	C17H36	000629-78-7	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
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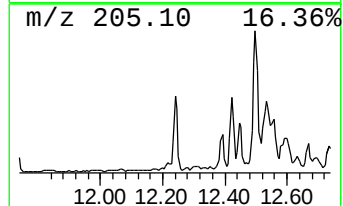
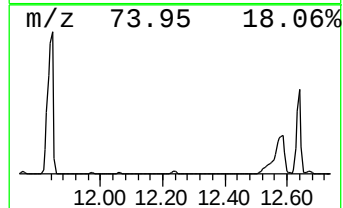
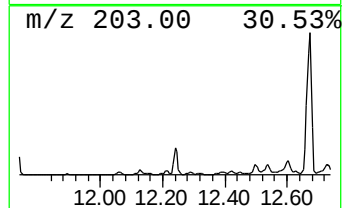
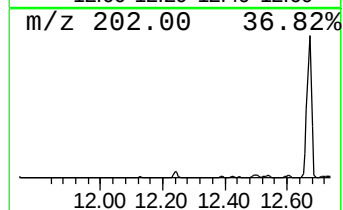
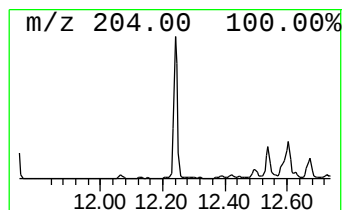
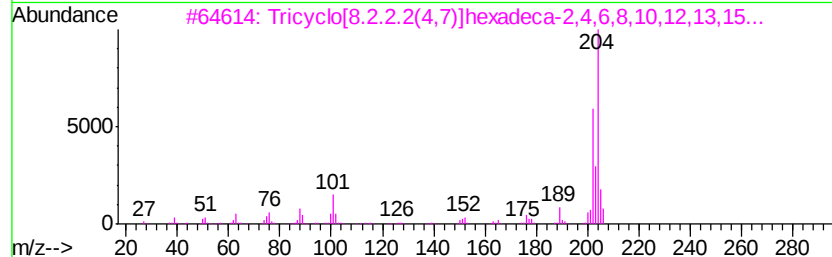
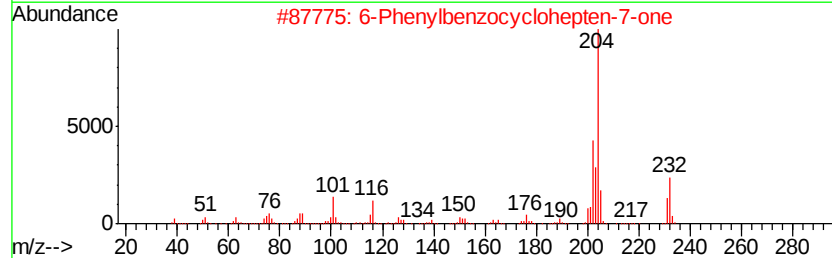
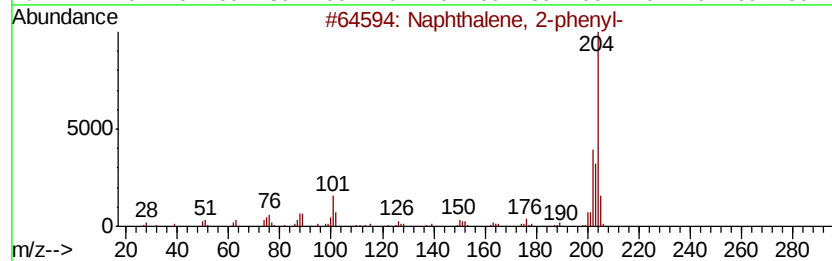
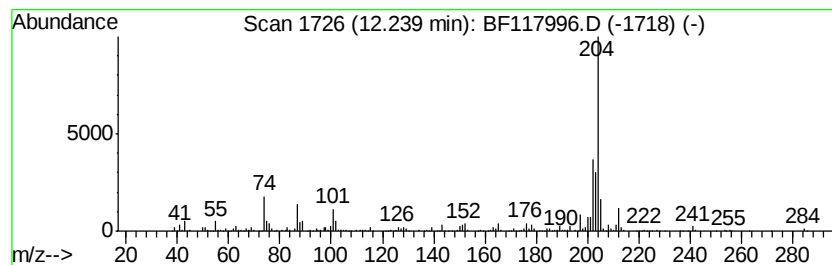
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.24	21.43 ng	844976	Phenanthrene-d10	11.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
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ALS Vial : 23 Sample Multiplier: 1

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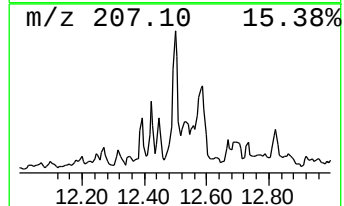
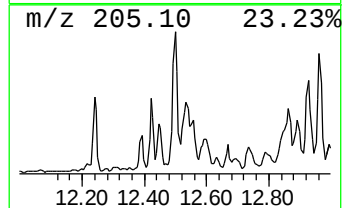
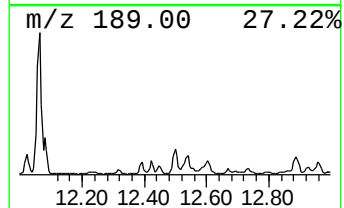
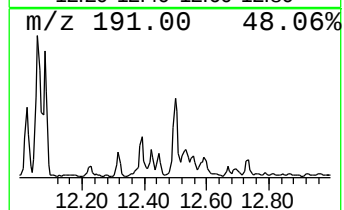
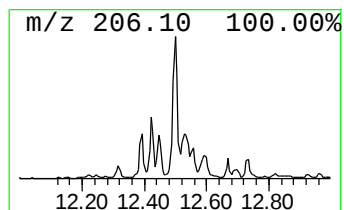
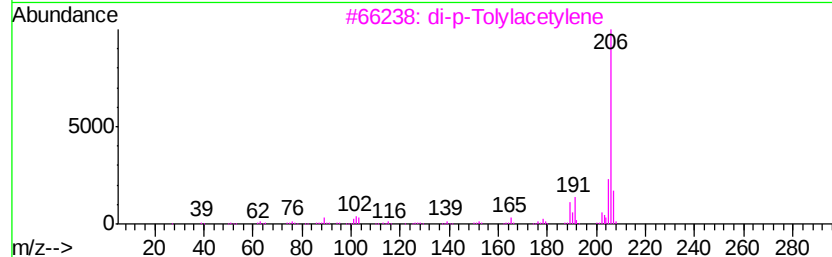
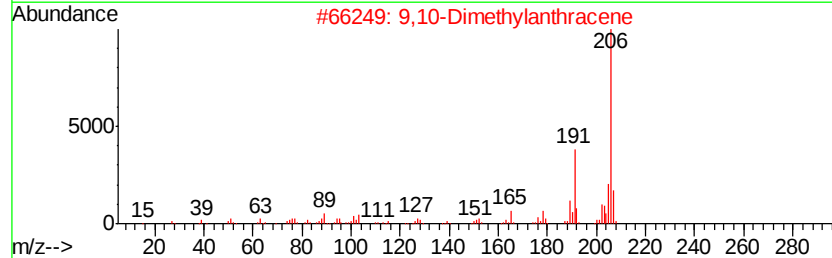
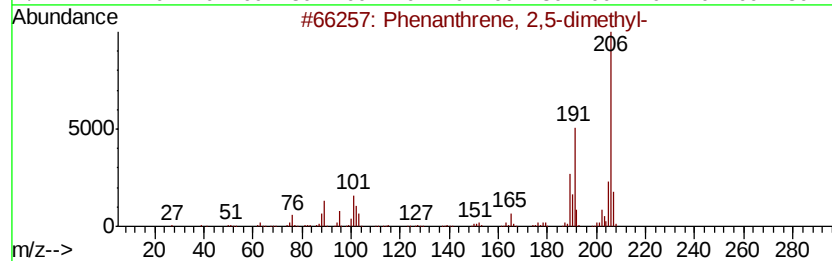
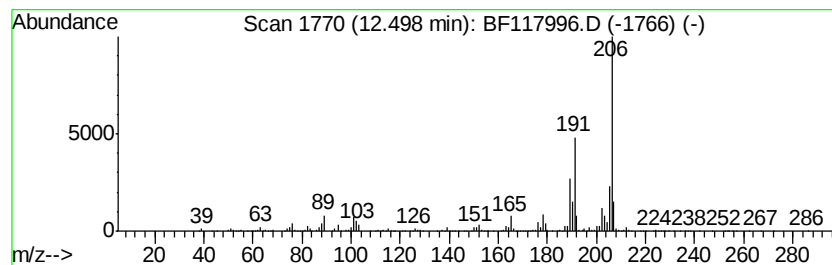
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	21.74 ng	857107	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
Operator : JU
Sample : K5672-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-112219

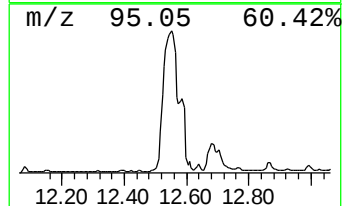
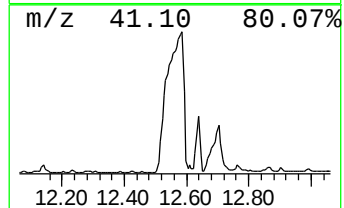
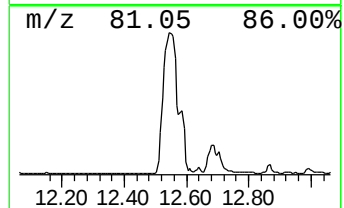
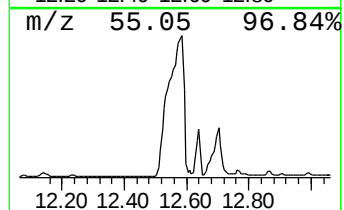
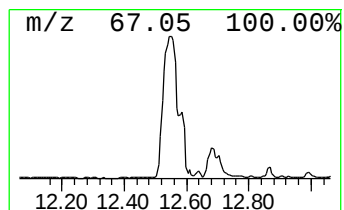
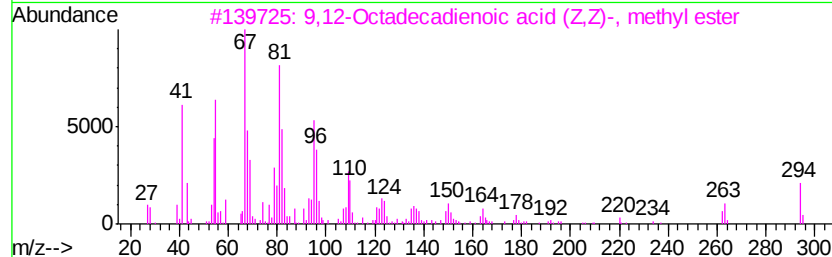
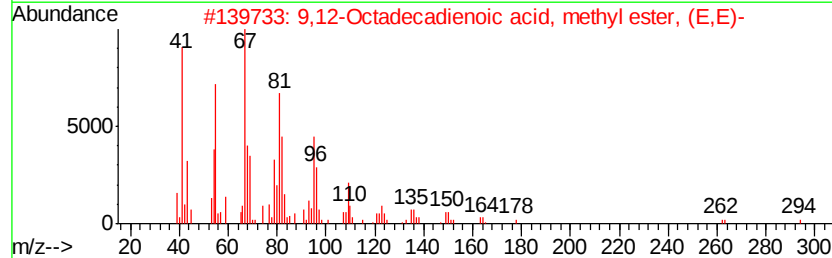
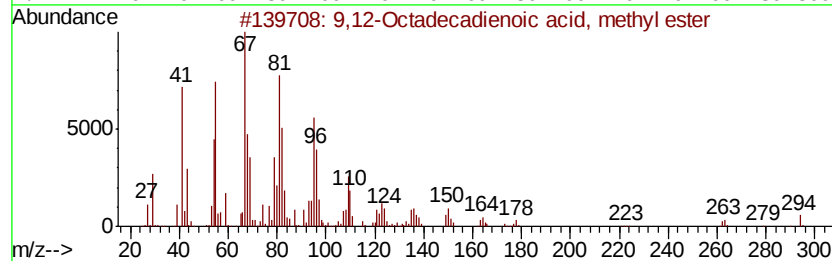
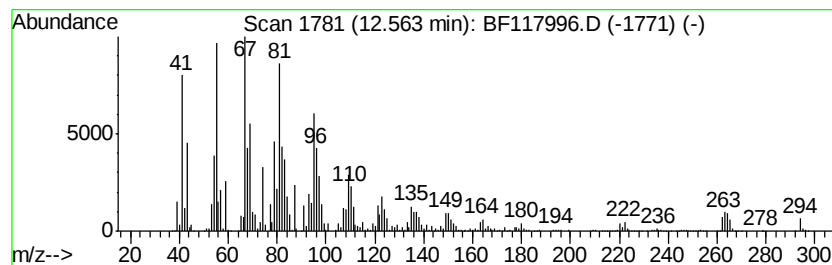
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	749.77 ng	29565900	Phenanthrene-d10	11.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
Acq On : 26 Nov 2019 5:29
Operator : JU
Sample : K5672-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-112219

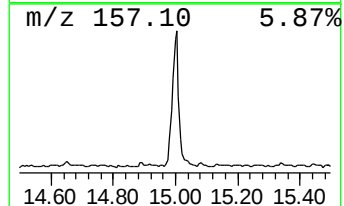
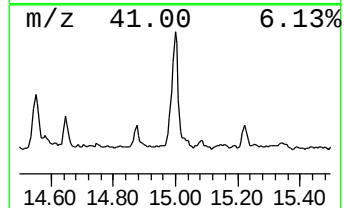
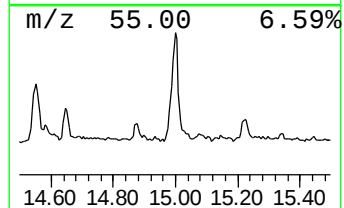
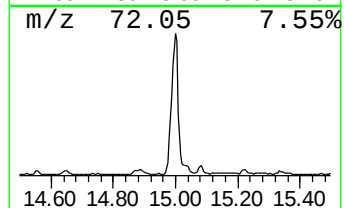
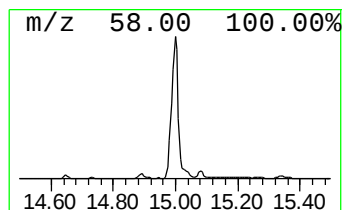
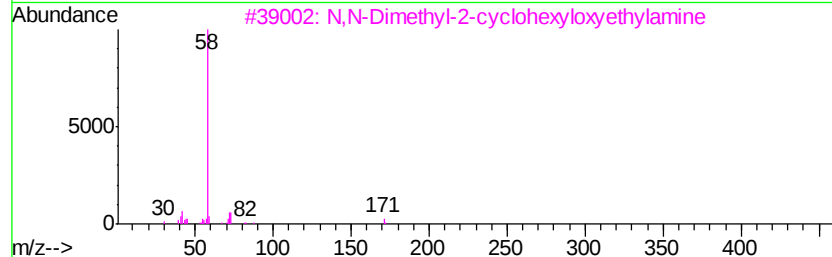
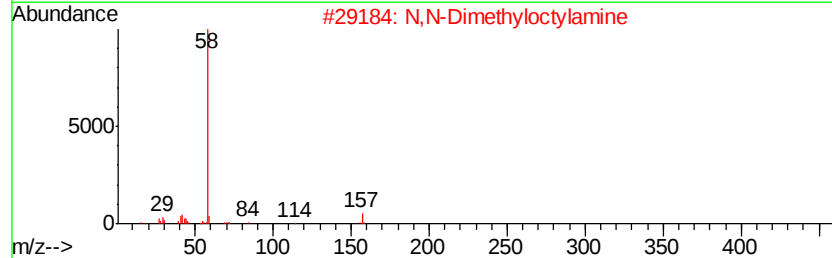
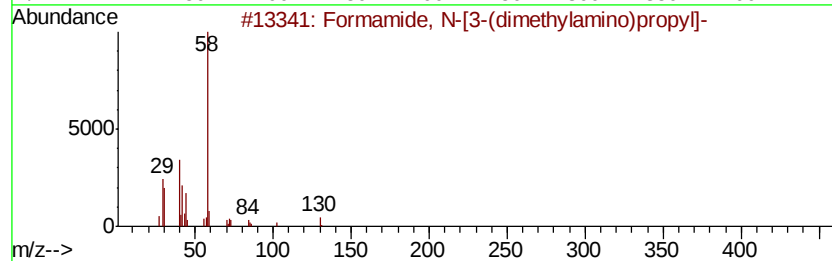
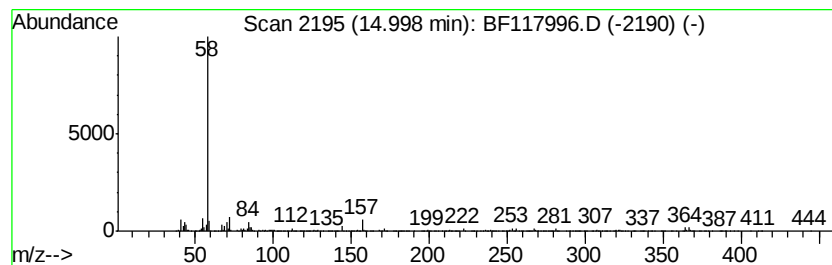
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Formamide, N-[3-(dimethylam... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	77.24 ng	2553460	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Formamide, N-[3-(dimethylamino)propyl]-	130	C6H14N2O	005922-69-0	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3		N,N-Dimethyl-2-cyclohexyloxvethv...	171	C10H21NO	071126-60-8	64
4		1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59
5		Cyclopropane, (methoxymethyl)-	86	C5H10O	001003-13-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
Data File : BF117996.D
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Sample : K5672-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-112219

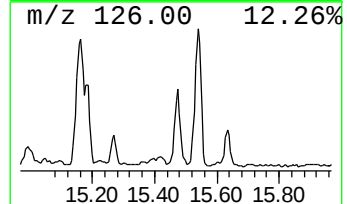
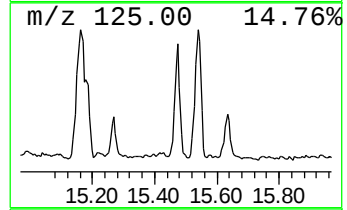
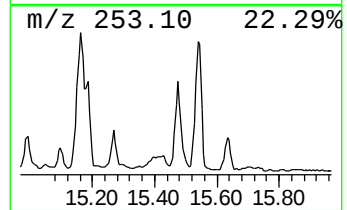
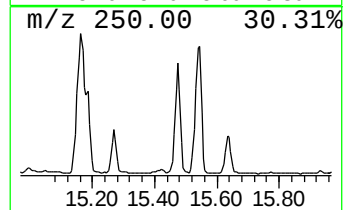
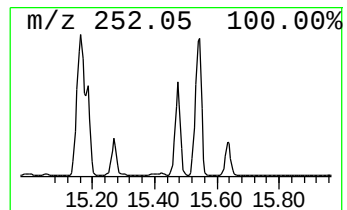
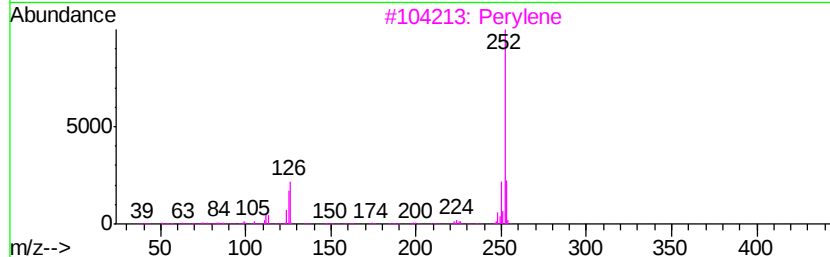
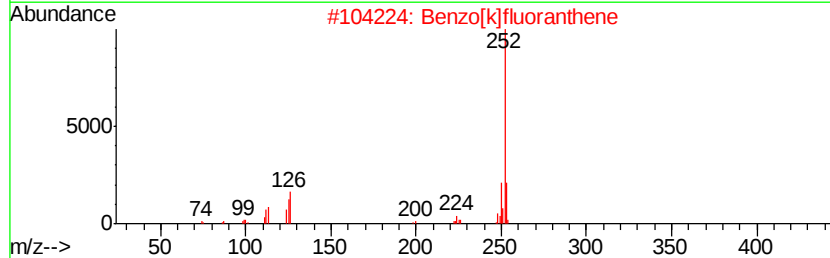
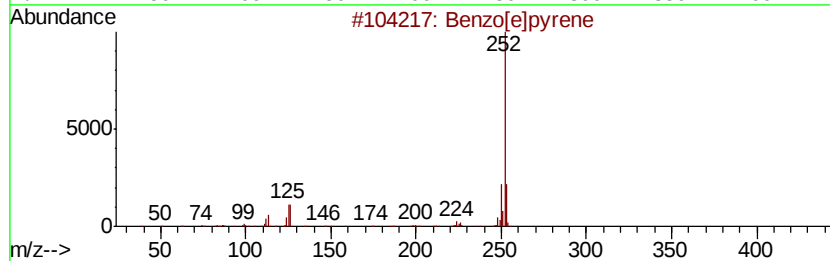
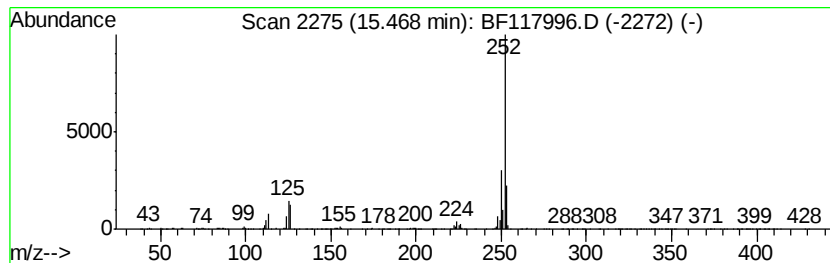
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	25.29 ng	836116	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112519\
 Data File : BF117996.D
 Acq On : 26 Nov 2019 5:29
 Operator : JU
 Sample : K5672-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-112219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
unknown6.66	6.66	14.6	ng	549459	1	6.89	751921	20.0
Naphthalene, 1,5-...	9.52	15.0	ng	701225	3	9.95	933262	20.0
Tetradecane	9.87	17.3	ng	808078	3	9.95	933262	20.0
Hexadecane	10.37	15.4	ng	719400	3	9.95	933262	20.0
Heptadecane	10.85	30.2	ng	1191730	4	11.44	788665	20.0
Heneicosane	11.30	21.6	ng	849859	4	11.44	788665	20.0
Naphtho[1,2-b]thi...	11.33	18.9	ng	747070	4	11.44	788665	20.0
Nonadecane	11.73	17.4	ng	687372	4	11.44	788665	20.0
Hexadecanoic acid...	11.85	277.1	ng	10925000	4	11.44	788665	20.0
Phenanthrene, 2-m...	11.95	25.9	ng	1023100	4	11.44	788665	20.0
Anthracene, 2-met...	11.97	48.9	ng	1928790	4	11.44	788665	20.0
Phenanthrene, 1-m...	12.02	14.2	ng	560022	4	11.44	788665	20.0
4H-Cyclopenta[def...	12.06	48.6	ng	1916080	4	11.44	788665	20.0
1H-Cyclopropa[l]p...	12.08	15.1	ng	597185	4	11.44	788665	20.0
Pentadecane	12.14	15.7	ng	620790	4	11.44	788665	20.0
Naphthalene, 2-ph...	12.24	21.4	ng	844976	4	11.44	788665	20.0
Phenanthrene, 2,5...	12.50	21.7	ng	857107	4	11.44	788665	20.0
9,12-Octadecadien...	12.56	749.8	ng	29565900	4	11.44	788665	20.0
Formamide, N-[3-(...	15.00	77.2	ng	2553460	6	15.60	661205	20.0
Benzo[e]pyrene	15.47	25.3	ng	836116	6	15.60	661205	20.0