

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103119\
 Data File : BF117661.D
 Acq On : 31 Oct 2019 16:38
 Operator : JU
 Sample : K5542-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200-06-(0-1.2)

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-BF101819.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	4.922	478	482	496	rBV	70993	116372	14.21%	0.832%
2	5.357	553	556	587	rBV	429325	670765	81.92%	4.795%
3	6.387	727	731	748	rBV	509572	766442	93.60%	5.480%
4	6.504	748	751	765	rVB	791181	818851	100.00%	5.854%
5	6.728	786	789	800	rVB	208669	204811	25.01%	1.464%
6	6.881	812	815	830	rBV	636815	588832	71.91%	4.210%
7	7.298	882	886	907	rBV	297915	469629	57.35%	3.358%
8	8.010	1004	1007	1027	rBV	196179	284418	34.73%	2.033%
9	8.828	1143	1146	1152	rBV	15860	17862	2.18%	0.128%
10	9.081	1186	1189	1201	rBV	786058	770974	94.15%	5.512%
11	9.428	1244	1248	1251	rBV	20908	22215	2.71%	0.159%
12	9.480	1255	1257	1265	rVV	94866	97413	11.90%	0.696%
13	9.628	1279	1282	1290	rVB	20809	20177	2.46%	0.144%
14	9.763	1301	1305	1308	rBV	299604	303231	37.03%	2.168%
15	9.792	1308	1310	1320	rVV	88891	95772	11.70%	0.685%
16	9.975	1336	1341	1345	rVV2	25373	32642	3.99%	0.233%
17	10.316	1394	1399	1404	rBV	70456	73309	8.95%	0.524%
18	10.375	1404	1409	1411	rBV	17046	23991	2.93%	0.172%
19	10.475	1423	1426	1430	rVB2	15024	17145	2.09%	0.123%
20	10.557	1437	1440	1452	rBV	406604	464366	56.71%	3.320%
21	10.863	1485	1492	1495	rBV3	21654	32526	3.97%	0.233%
22	10.892	1495	1497	1500	rVV	19839	19740	2.41%	0.141%
23	11.104	1530	1533	1537	rVV2	26848	26175	3.20%	0.187%
24	11.151	1537	1541	1549	rVB	37909	43392	5.30%	0.310%
25	11.251	1554	1558	1560	rBV	303887	310924	37.97%	2.223%
26	11.274	1560	1562	1568	rVV	792788	649054	79.26%	4.640%
27	11.327	1568	1571	1577	rVB	146646	155780	19.02%	1.114%
28	11.498	1595	1600	1604	rBV2	48078	67689	8.27%	0.484%
29	11.580	1610	1614	1617	rBV2	20449	24408	2.98%	0.174%
30	11.751	1640	1643	1645	rBV	118099	102350	12.50%	0.732%
31	11.780	1645	1648	1654	rVV2	179585	196086	23.95%	1.402%
32	11.833	1654	1657	1659	rVV	52197	52526	6.41%	0.376%
33	11.863	1659	1662	1665	rVV	161412	193675	23.65%	1.385%
34	11.886	1665	1666	1671	rVB	80414	66186	8.08%	0.473%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.045	1690	1693	1698	rVB	60704	53365	6.52%	0.382%
36	12.098	1698	1702	1705	rBV4	30709	33841	4.13%	0.242%
37	12.198	1714	1719	1722	rBV2	30399	34457	4.21%	0.246%
38	12.227	1722	1724	1726	rVV	26944	22533	2.75%	0.161%
39	12.257	1726	1729	1732	rVB3	15649	16121	1.97%	0.115%
40	12.304	1732	1737	1739	rBV	79824	76846	9.38%	0.549%
41	12.339	1739	1743	1746	rVV3	38951	65481	8.00%	0.468%
42	12.404	1749	1754	1761	rVB3	37221	66840	8.16%	0.478%
43	12.469	1761	1765	1770	rBV	739986	680737	83.13%	4.867%
44	12.563	1779	1781	1788	rVB5	15176	21138	2.58%	0.151%
45	12.621	1788	1791	1793	rBV2	40595	41776	5.10%	0.299%
46	12.698	1798	1804	1810	rVV	602233	730750	89.24%	5.224%
47	12.751	1810	1813	1816	rVB2	37131	39818	4.86%	0.285%
48	12.827	1822	1826	1830	rBV	604070	566606	69.20%	4.051%
49	12.868	1831	1833	1837	rVB	23167	28263	3.45%	0.202%
50	12.921	1837	1842	1847	rBV4	47021	79876	9.75%	0.571%
51	13.004	1853	1856	1857	rBV2	29247	33182	4.05%	0.237%
52	13.027	1857	1860	1863	rVV	77543	84129	10.27%	0.601%
53	13.092	1867	1871	1874	rVV	61501	56639	6.92%	0.405%
54	13.133	1874	1878	1885	rVV3	61563	97943	11.96%	0.700%
55	13.221	1891	1893	1896	rBV	45824	45503	5.56%	0.325%
56	13.257	1896	1899	1904	rVV	41459	45186	5.52%	0.323%
57	13.298	1904	1906	1909	rVB	24520	19745	2.41%	0.141%
58	13.398	1919	1923	1926	rBV3	22199	26457	3.23%	0.189%
59	13.510	1938	1942	1945	rBV5	14988	21958	2.68%	0.157%
60	13.551	1945	1949	1954	rVV	39283	54058	6.60%	0.386%
61	13.668	1960	1969	1972	rBV3	57805	116774	14.26%	0.835%
62	13.698	1972	1974	1976	rVV	35574	36947	4.51%	0.264%
63	13.727	1976	1979	1983	rVV3	98393	149355	18.24%	1.068%
64	13.763	1983	1985	1989	rVB	50870	51194	6.25%	0.366%
65	13.815	1989	1994	1997	rBV	15340	20935	2.56%	0.150%
66	13.857	1999	2001	2003	rVV	26299	25364	3.10%	0.181%
67	13.892	2003	2007	2010	rVV2	353951	541102	66.08%	3.868%
68	13.921	2010	2012	2019	rVV	269485	284453	34.74%	2.034%
69	14.004	2024	2026	2029	rVV	44116	41149	5.03%	0.294%
70	14.039	2029	2032	2035	rVV2	27249	27913	3.41%	0.200%
71	14.068	2035	2037	2041	rVV4	29383	34548	4.22%	0.247%

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72	14.110	2041	2044	2045	rVV	14601	16840	2.06%	0.120%
73	14.139	2047	2049	2054	rVB3	22198	27372	3.34%	0.196%
74	14.286	2070	2074	2078	rBV	60413	77281	9.44%	0.553%
75	14.321	2078	2080	2082	rBV	22217	20816	2.54%	0.149%
76	14.345	2082	2084	2086	rBV2	26212	23994	2.93%	0.172%
77	14.415	2094	2096	2098	rBV	21793	26128	3.19%	0.187%
78	14.480	2102	2107	2110	rVB4	17469	25974	3.17%	0.186%
79	14.639	2126	2134	2137	rBV3	66788	97643	11.92%	0.698%
80	14.674	2137	2140	2142	rVV3	17172	21746	2.66%	0.155%
81	14.710	2143	2146	2149	rVB3	28142	30197	3.69%	0.216%
82	14.786	2155	2159	2164	rBV4	16537	27529	3.36%	0.197%
83	14.874	2172	2174	2179	rBV5	16394	27549	3.36%	0.197%
84	14.927	2179	2183	2186	rVV	208909	292165	35.68%	2.089%
85	14.951	2186	2187	2193	rVB2	135915	135953	16.60%	0.972%
86	15.033	2198	2201	2207	rVB	43533	53500	6.53%	0.382%
87	15.115	2213	2215	2220	rBV4	11647	19791	2.42%	0.141%
88	15.215	2228	2232	2239	rBV	123488	150459	18.37%	1.076%
89	15.280	2239	2243	2246	rBV	172641	199966	24.42%	1.430%
90	15.339	2250	2253	2256	rVB	118230	128536	15.70%	0.919%
91	15.509	2278	2282	2285	rBV5	13798	20163	2.46%	0.144%
92	15.551	2285	2289	2291	rBV5	12985	18093	2.21%	0.129%
93	15.715	2313	2317	2321	rVB2	31800	45057	5.50%	0.322%
94	15.886	2343	2346	2351	rVB6	16160	23244	2.84%	0.166%
95	16.180	2391	2396	2400	rBV6	19938	36866	4.50%	0.264%
96	16.562	2457	2461	2464	rBV4	10777	17526	2.14%	0.125%
97	16.762	2486	2495	2503	rVB2	58141	124228	15.17%	0.888%
98	17.192	2563	2568	2577	rBV2	41185	92660	11.32%	0.662%
99	17.362	2593	2597	2603	rVB7	7528	17115	2.09%	0.122%
100	17.451	2606	2612	2613	rBV4	9640	16314	1.99%	0.117%

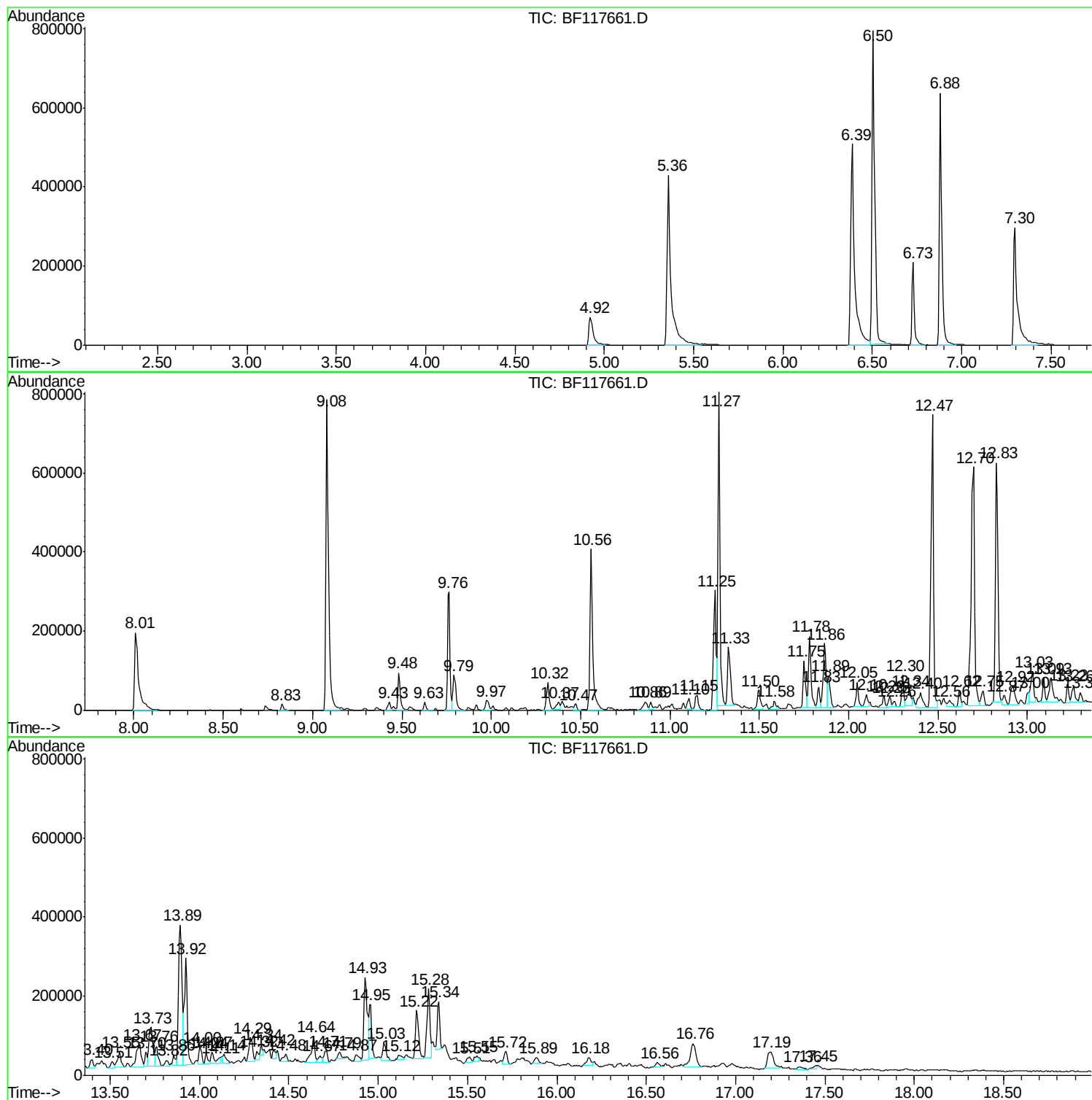
Sum of corrected areas: 13987415

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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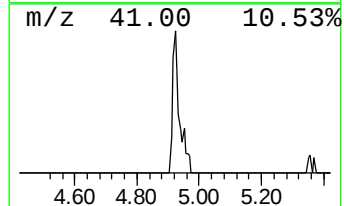
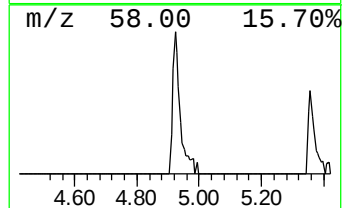
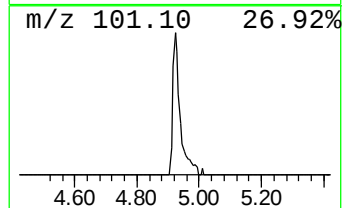
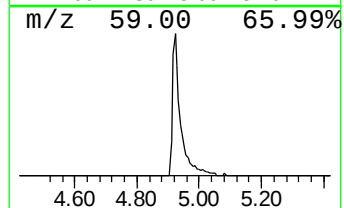
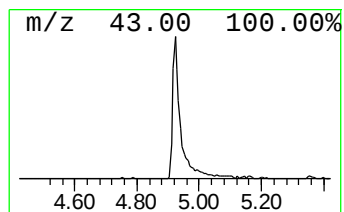
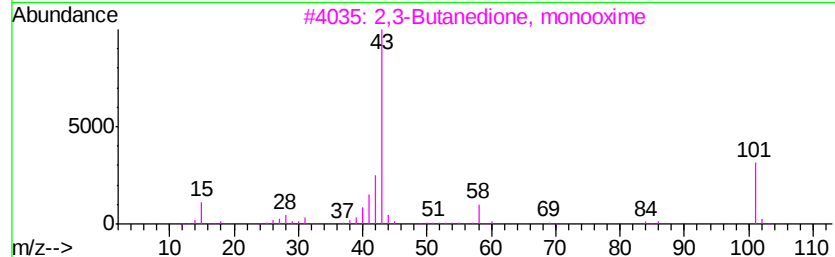
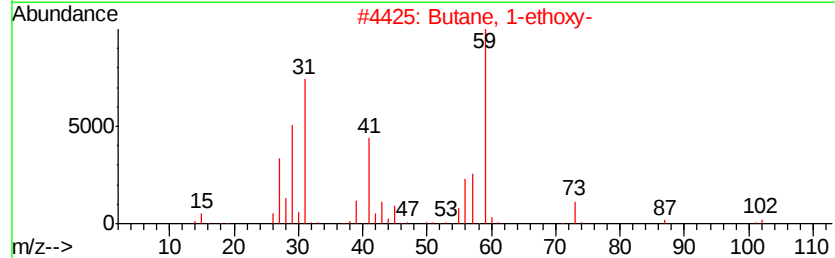
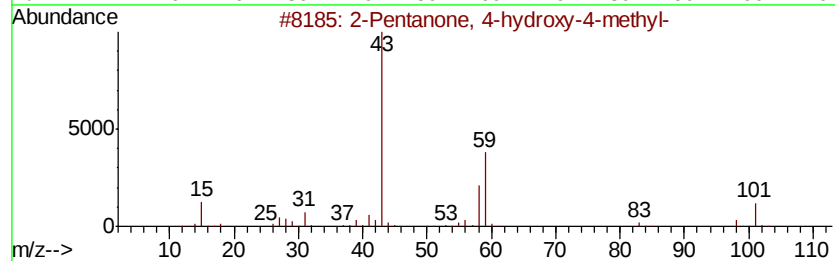
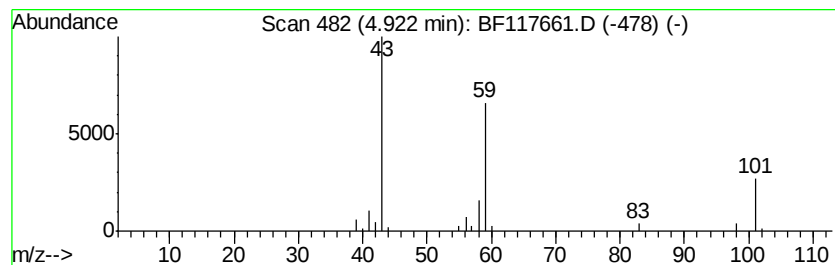
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	11.36 ng	116372	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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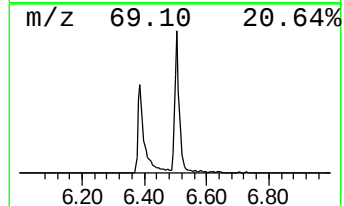
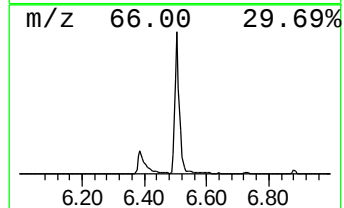
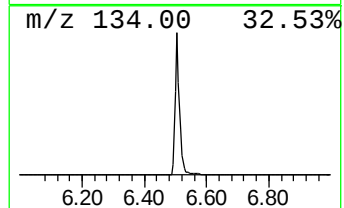
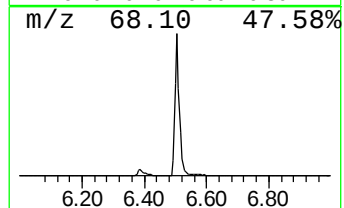
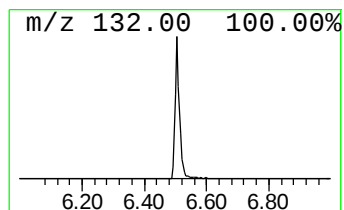
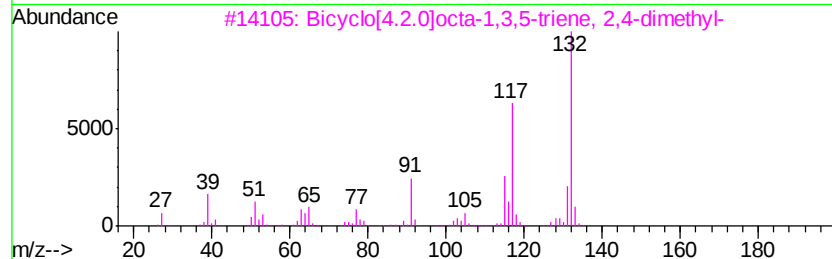
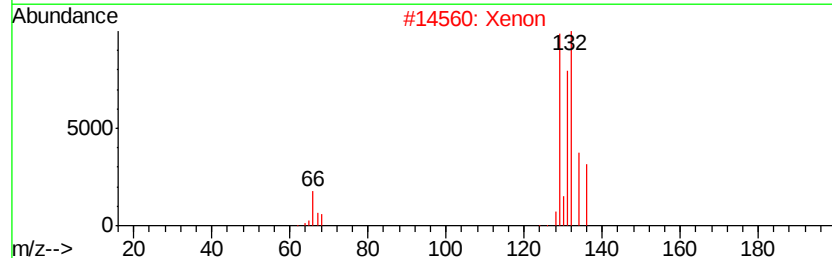
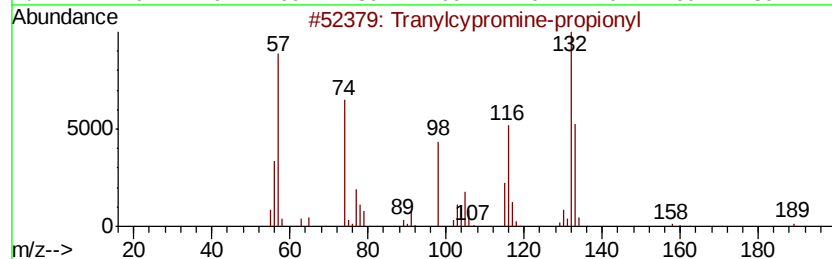
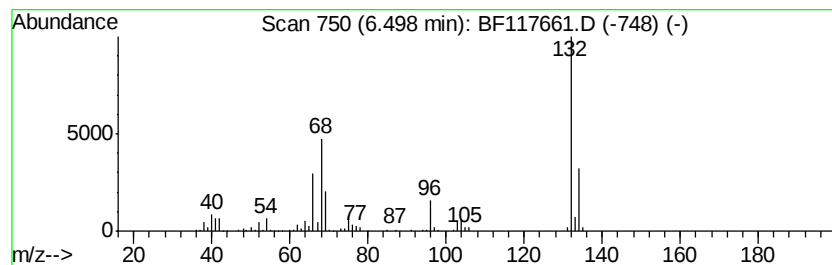
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	79.96 ng	818851	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	12
2		Xenon	132	Xe	007440-63-3	9
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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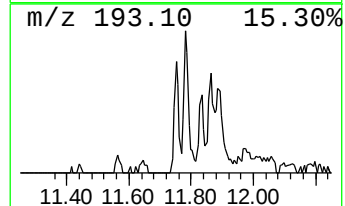
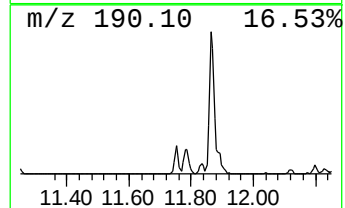
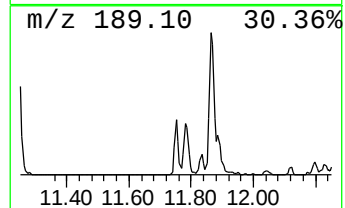
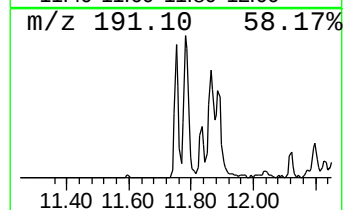
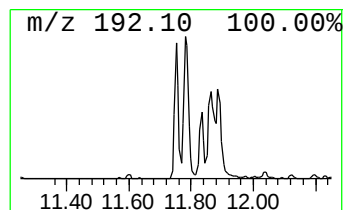
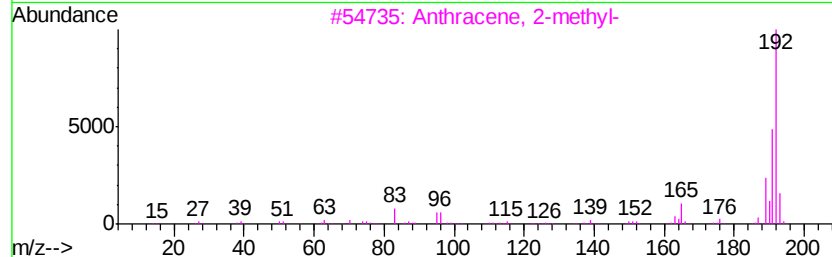
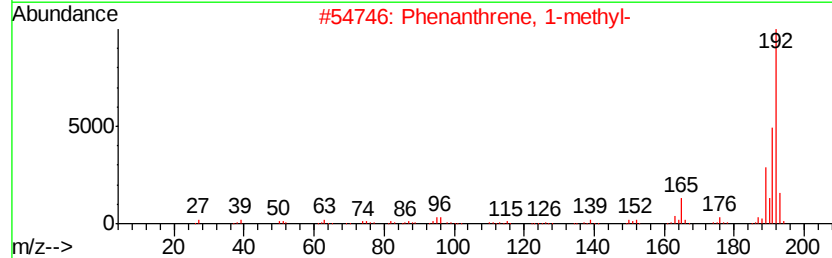
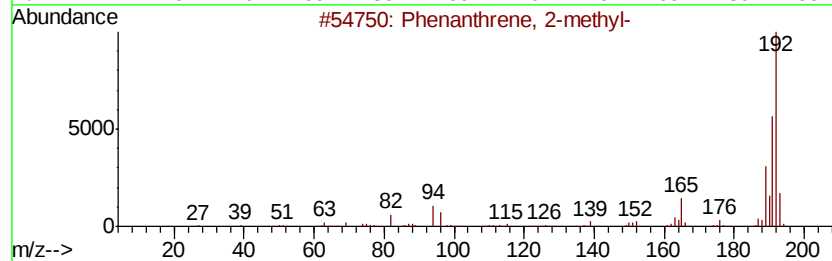
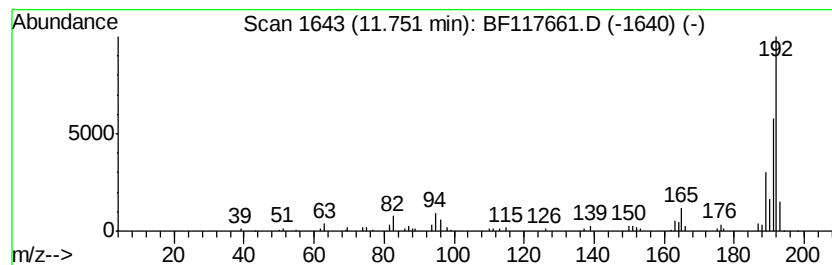
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	6.58 ng	102350	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
200-06-(0-1.2)

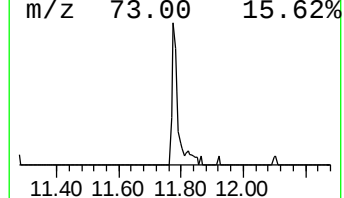
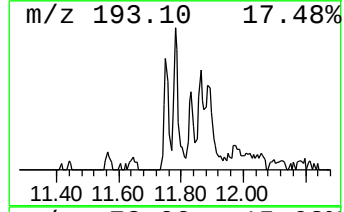
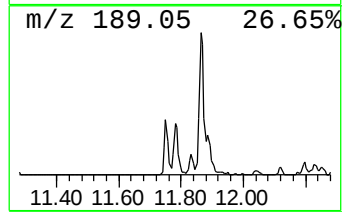
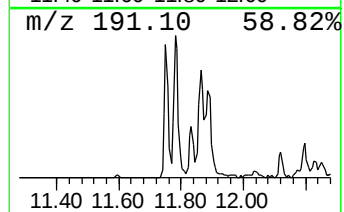
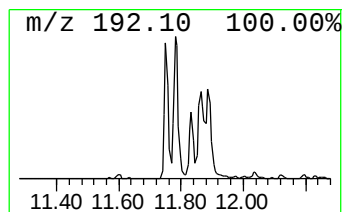
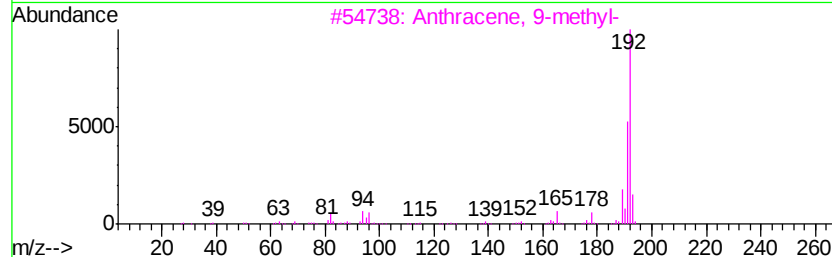
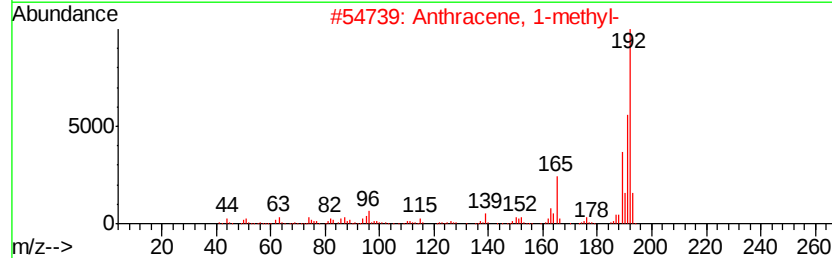
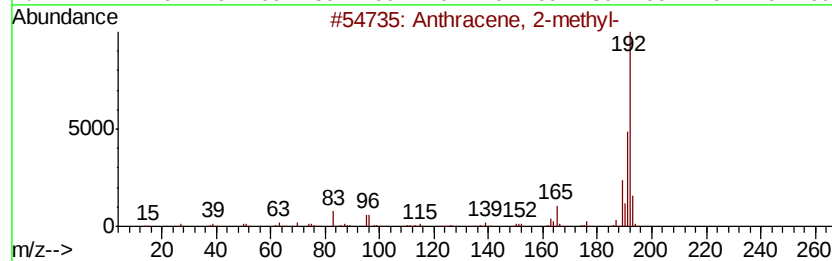
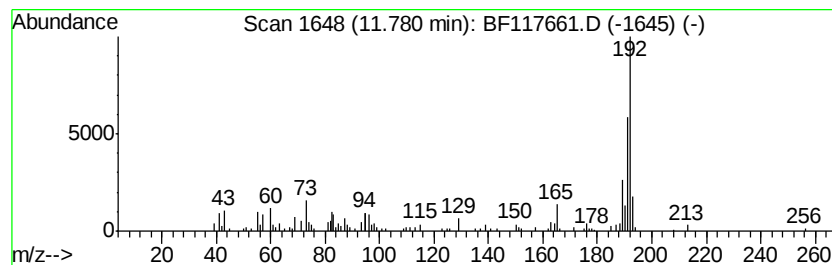
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	12.61 ng	196086	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

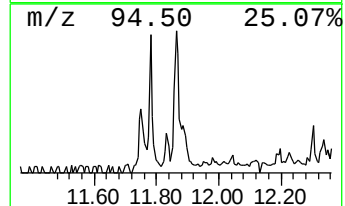
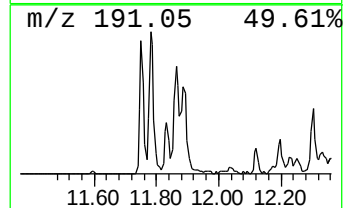
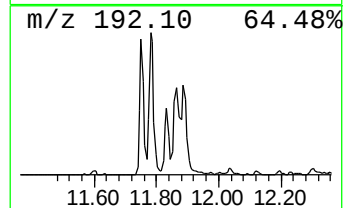
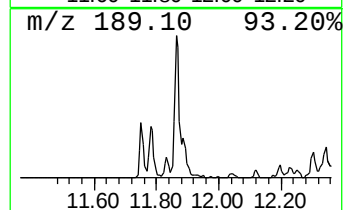
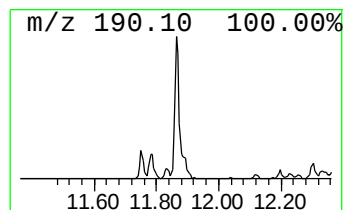
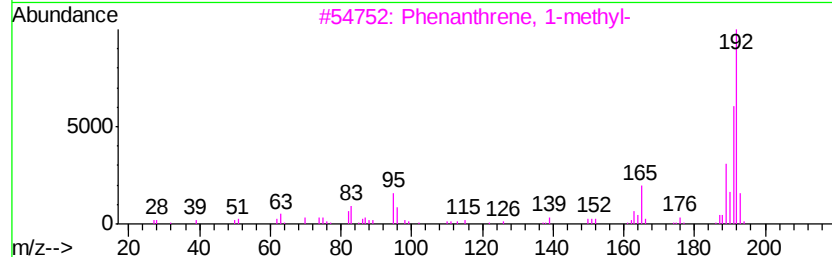
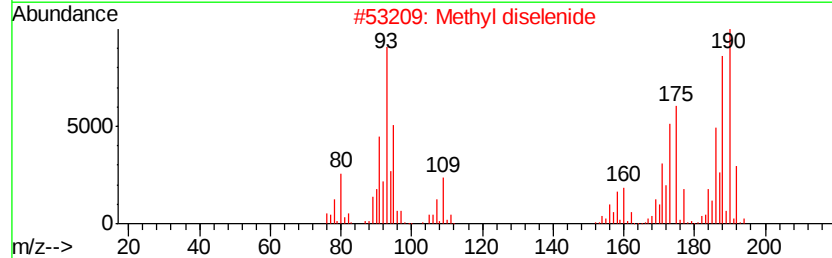
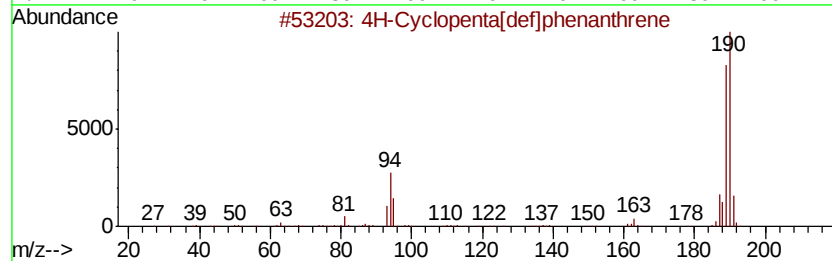
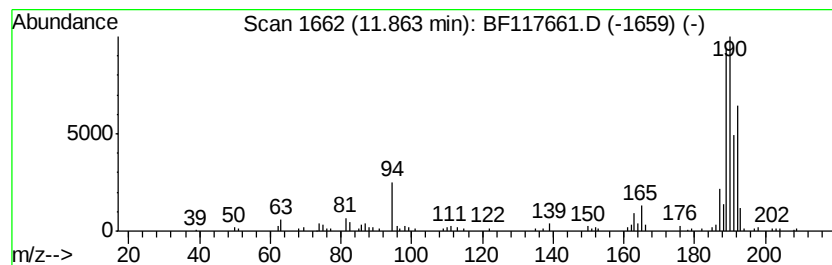
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.86	12.46 ng	193675	Phenanthrene-d10		11.25		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2			Methyl diselenide	190	C2H6Se2	007101-31-7	41
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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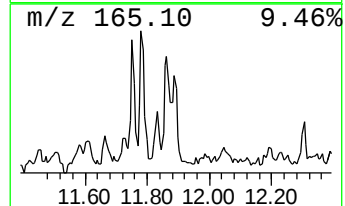
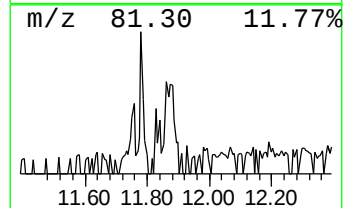
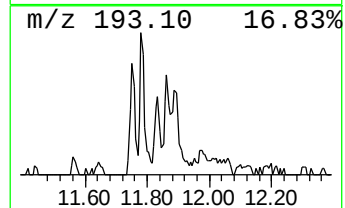
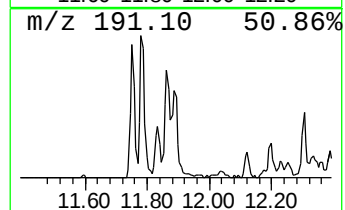
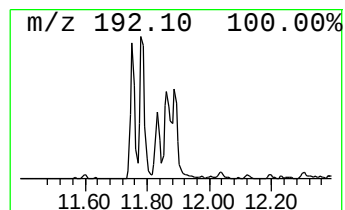
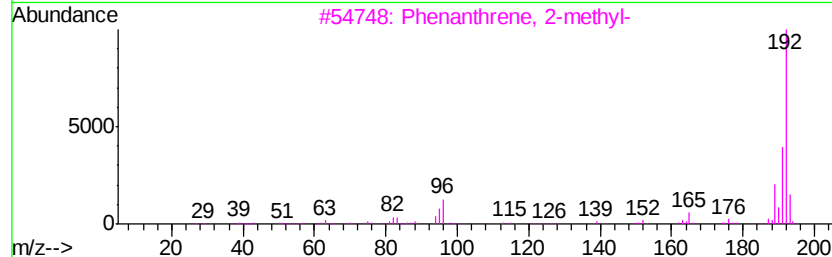
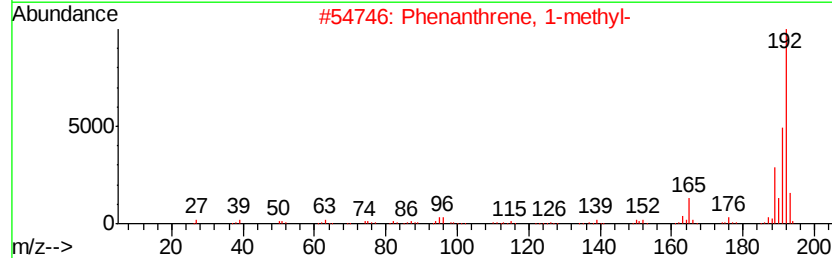
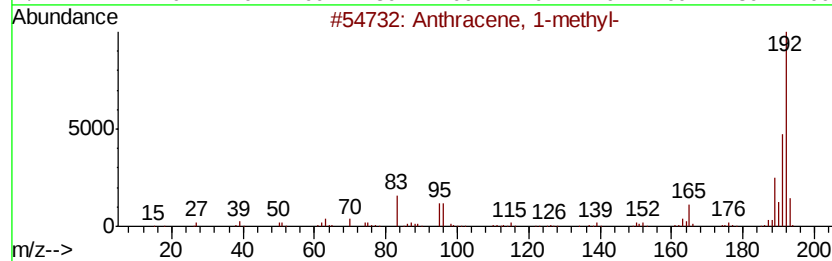
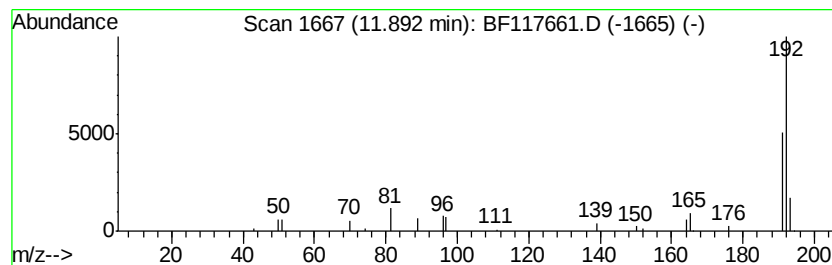
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.26 ng	66186	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	80
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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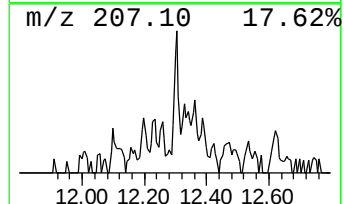
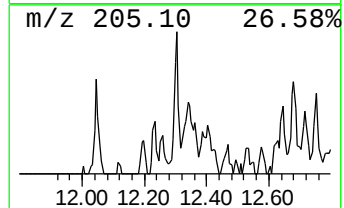
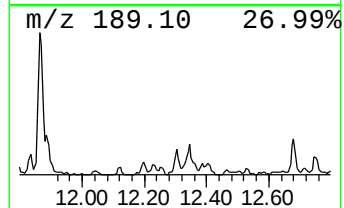
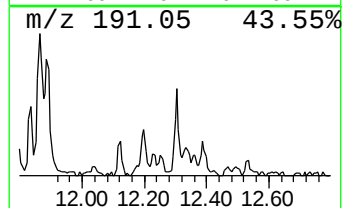
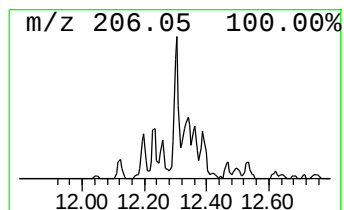
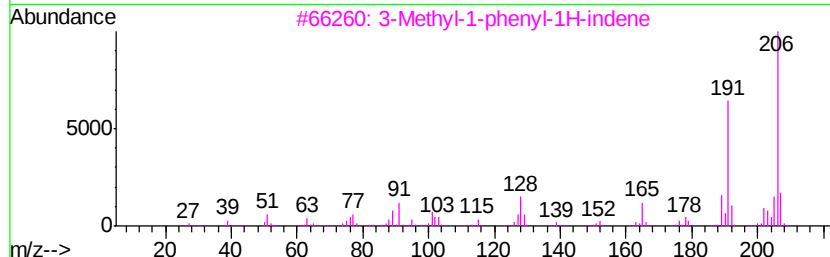
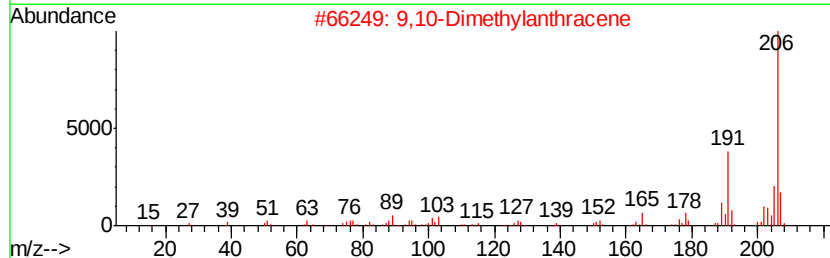
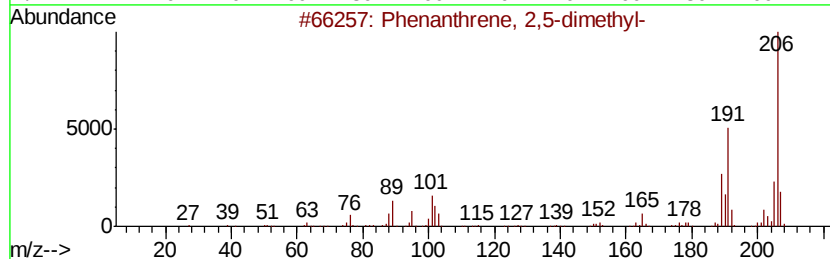
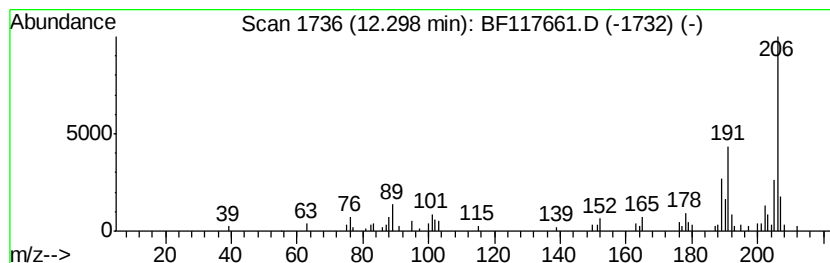
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	4.94 ng	76846	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	91
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
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Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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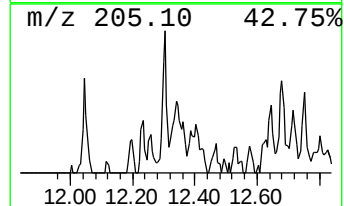
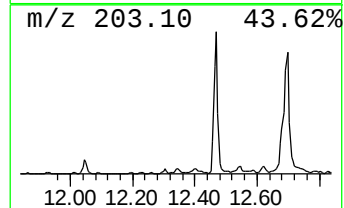
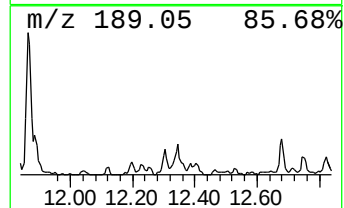
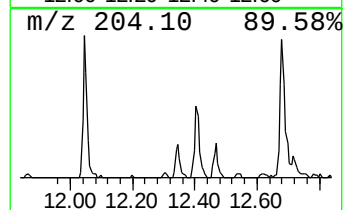
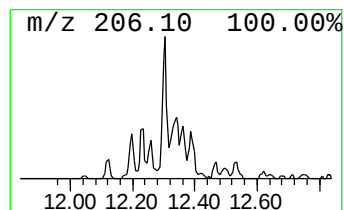
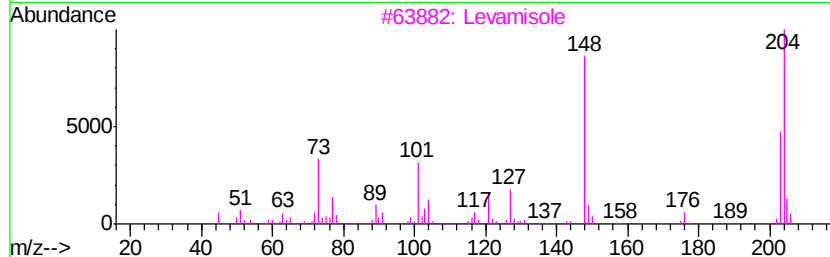
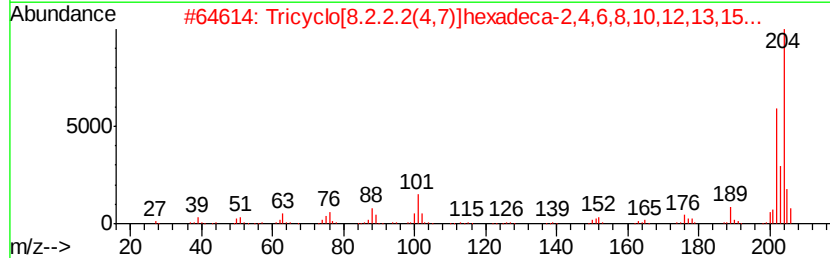
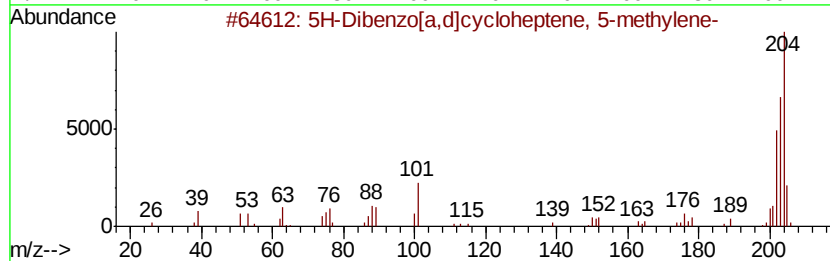
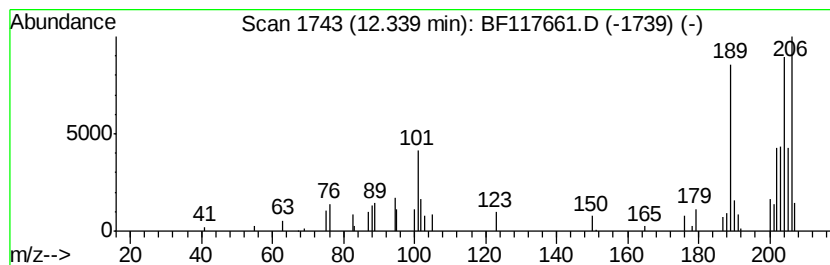
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.34 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.21 ng	65481	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38
3		Levamisole	204	C11H12N2S	014769-73-4	30
4		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
5		Tetramisole	204	C11H12N2S	005036-02-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
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Instrument :
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ClientSampleId :
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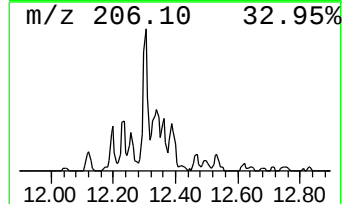
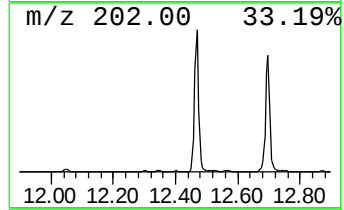
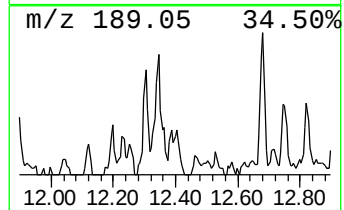
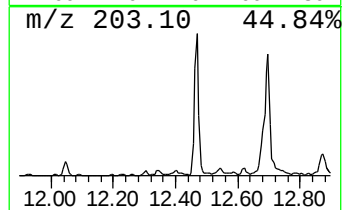
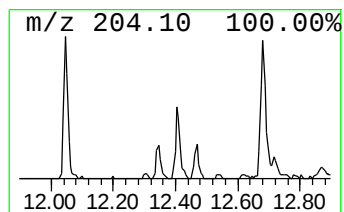
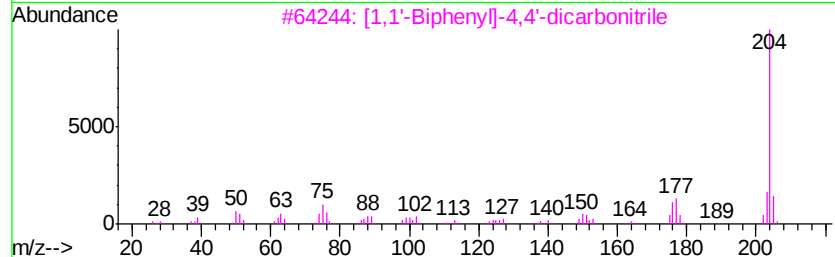
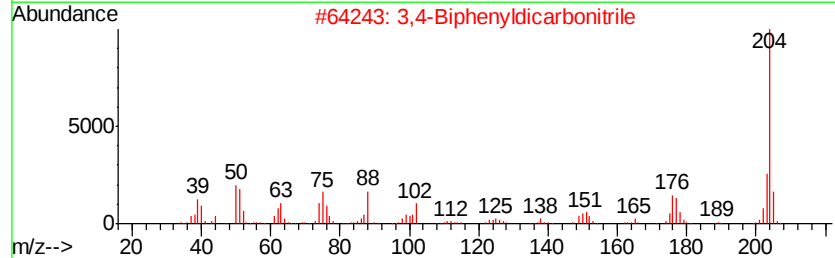
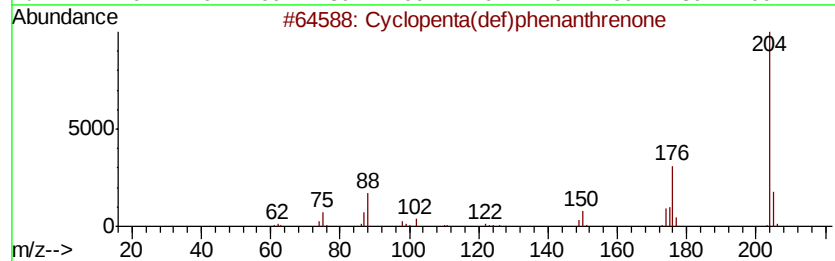
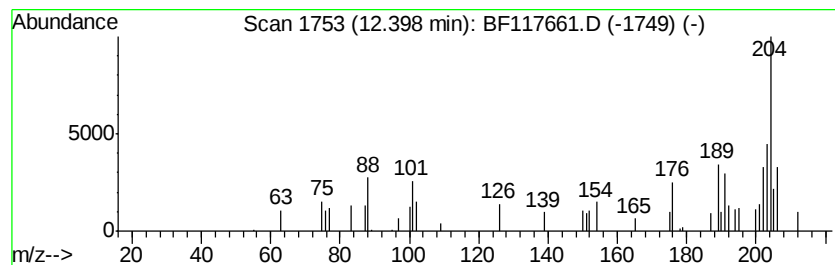
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	4.30 ng	66840	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	52
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
200-06-(0-1.2)

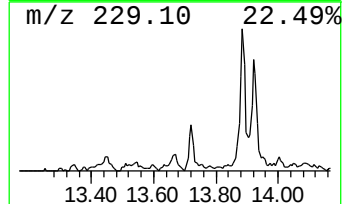
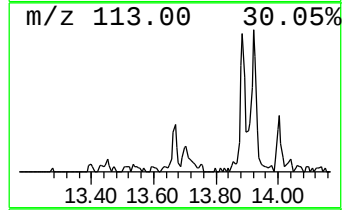
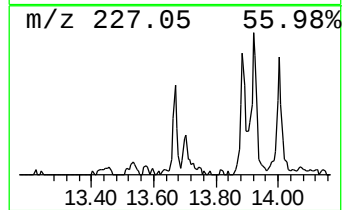
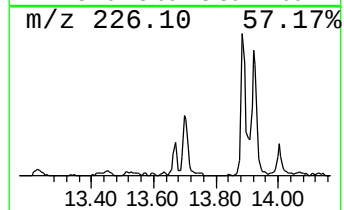
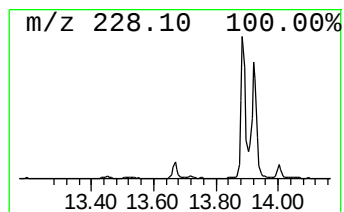
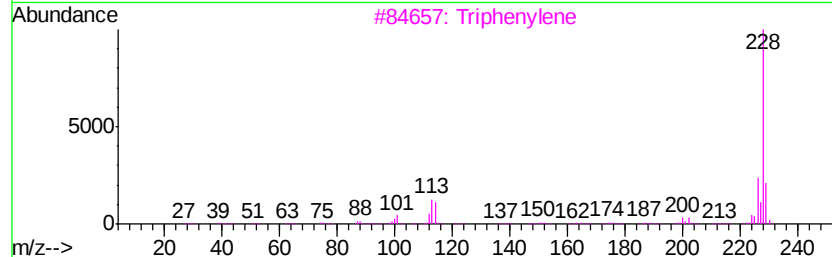
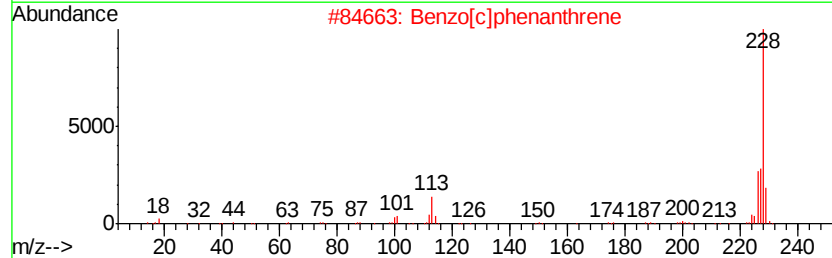
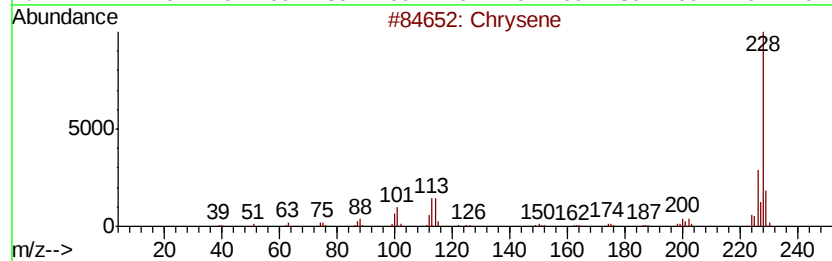
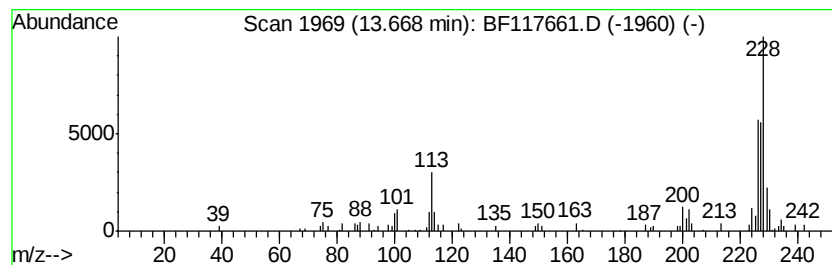
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.32 ng	116774	Chrysene-d12	13.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene	228	C18H12	000218-01-9	70
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3			Triphenylene	228	C18H12	000217-59-4	60
4			Benz[alanthracene	228	C18H12	000056-55-3	55
5			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
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Acq On : 31 Oct 2019 16:38
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Sample : K5542-05
Misc :
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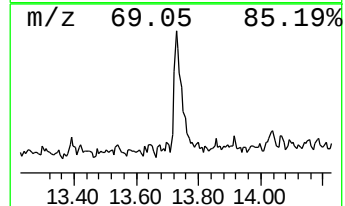
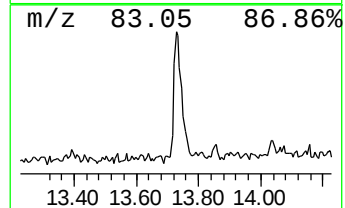
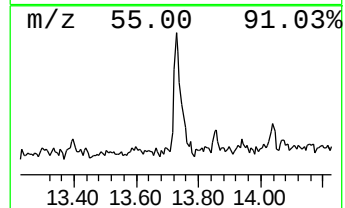
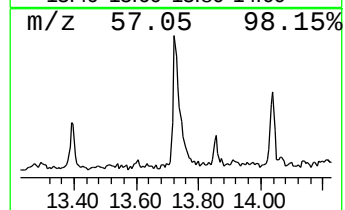
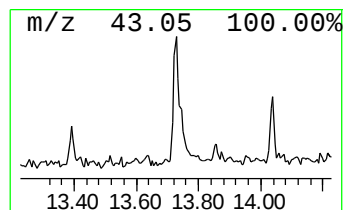
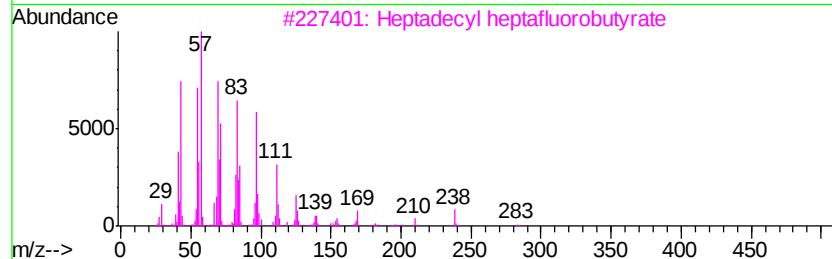
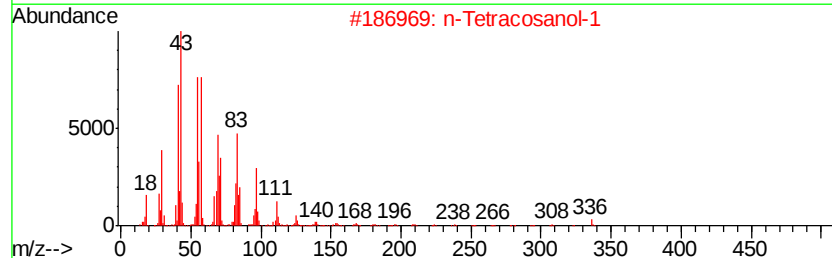
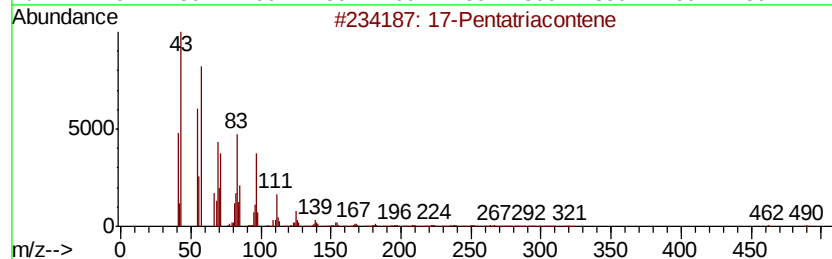
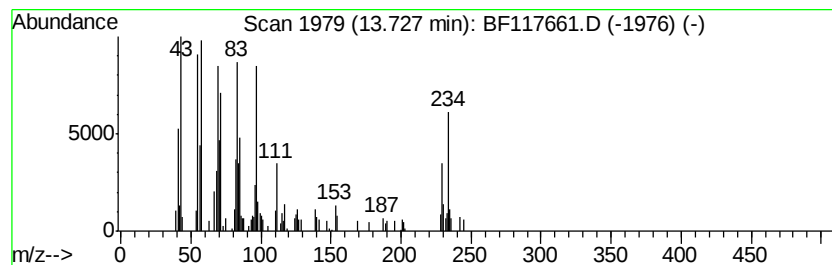
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 17-Pentatriacontene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	5.52 ng	149355	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	68
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	68
3	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	68
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	68
5	1-Heneicosanol	312	C21H44O	015594-90-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
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ClientSampleId :
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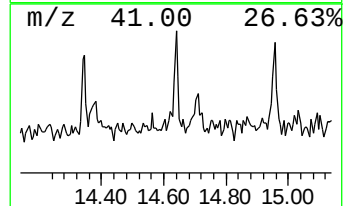
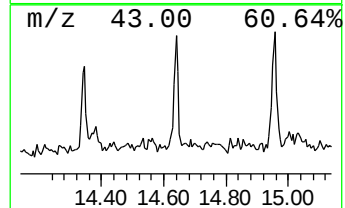
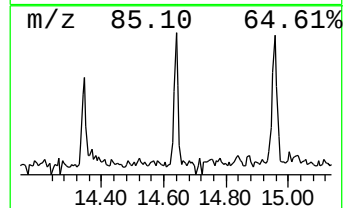
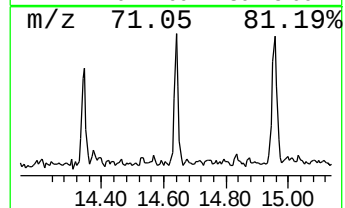
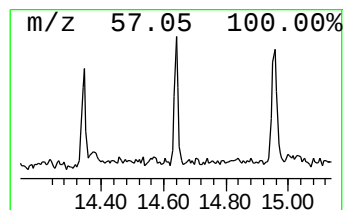
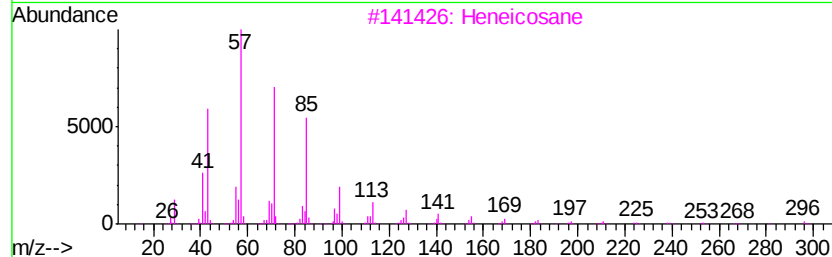
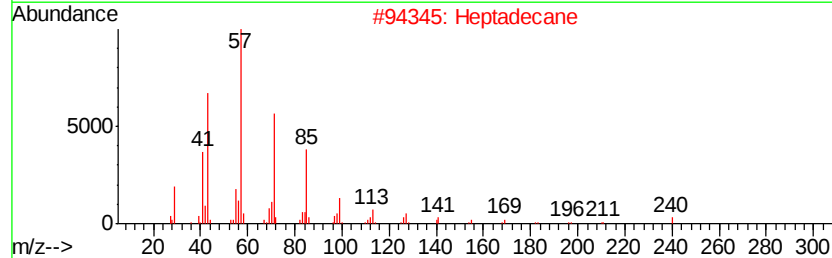
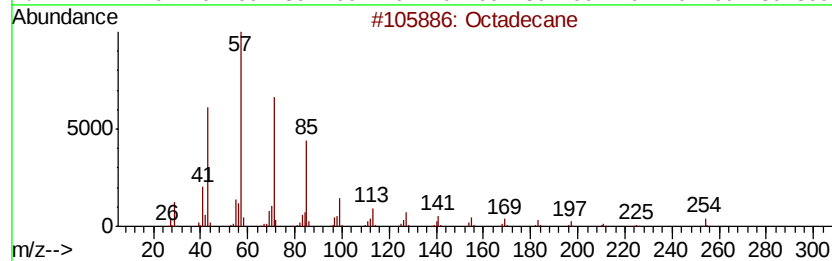
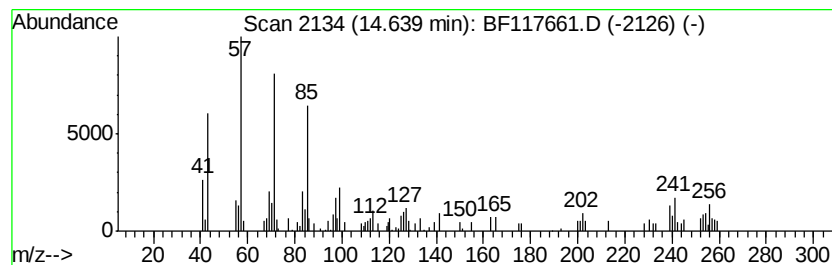
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	15.19 ng	97643	Perylene-d12	15.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	95
2	Heptadecane		240	C17H36	000629-78-7	93
3	Heneicosane		296	C21H44	000629-94-7	70
4	6,6-Diethylhexadecane		282	C20H42	1000360-41-4	64
5	Octacosane		394	C28H58	000630-02-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
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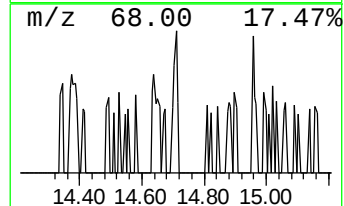
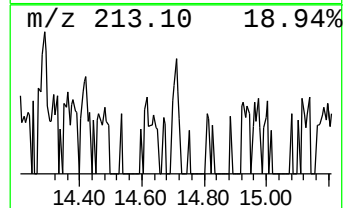
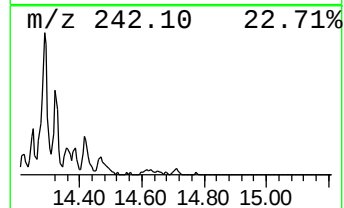
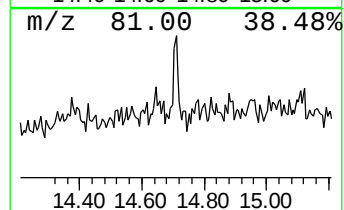
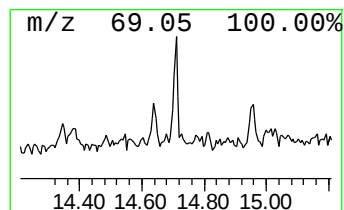
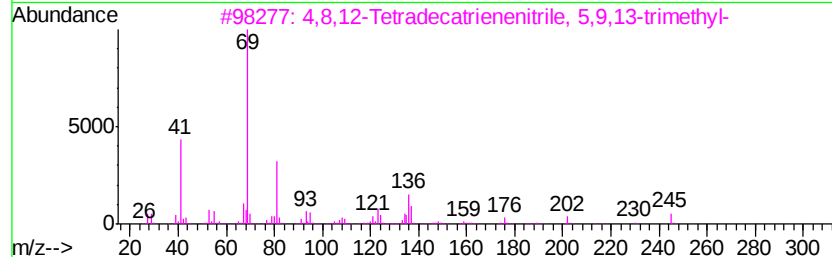
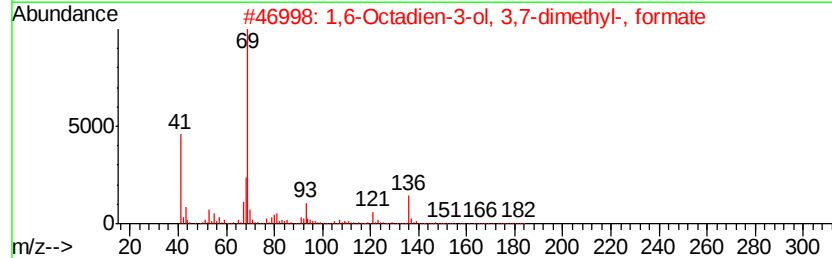
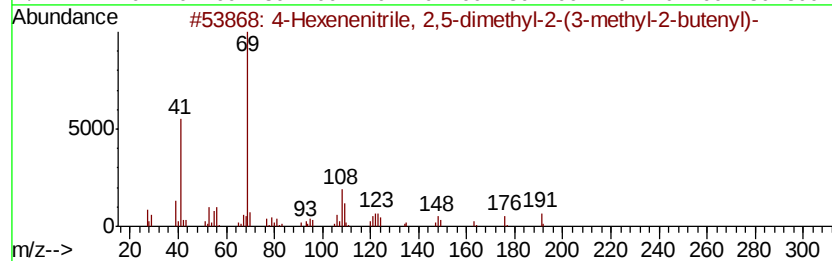
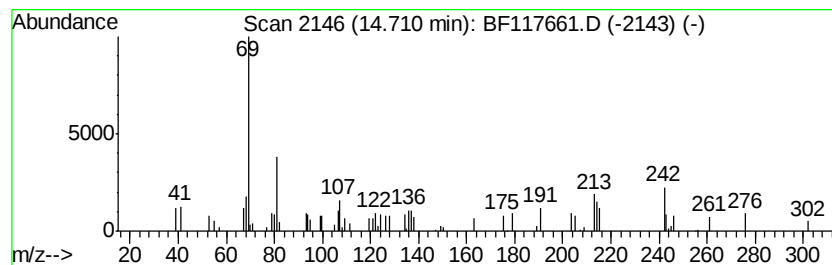
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.71 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.70 ng	30197	Perylene-d12	15.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hexenenitrile, 2,5-dimethyl-2-...	191	C13H21N	069340-56-3	43
2			1,6-Octadien-3-ol, 3,7-dimethyl-...	182	C11H18O2	000115-99-1	38
3			4,8,12-Tetradecatrienenitrile, 5...	245	C17H27N	005981-31-7	38
4			Geraniol	154	C10H18O	000106-24-1	38
5			Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
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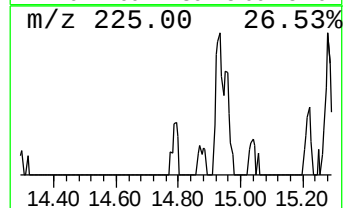
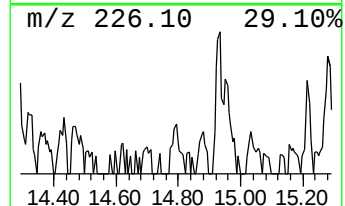
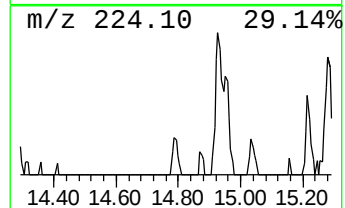
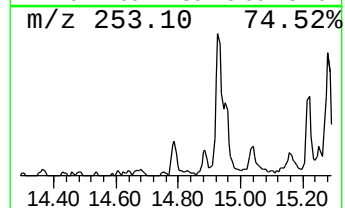
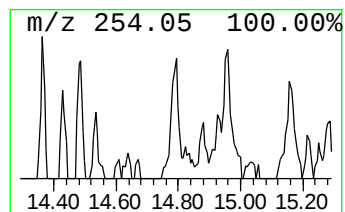
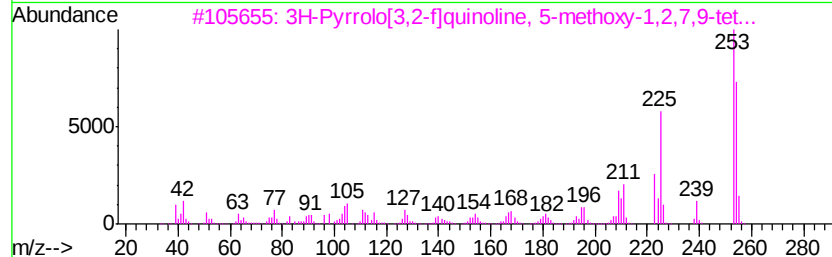
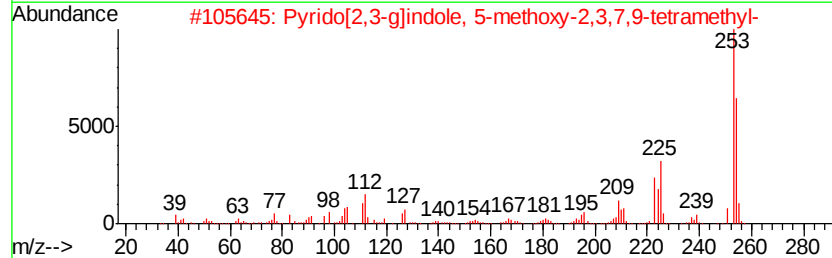
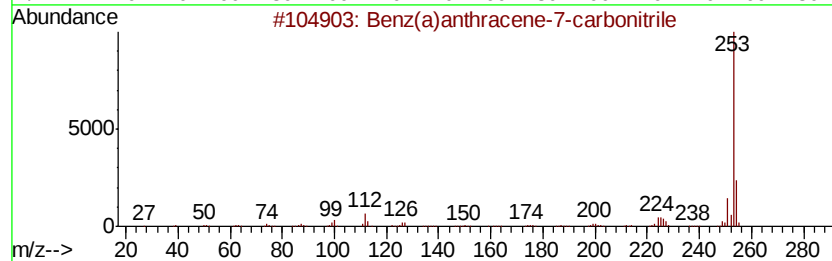
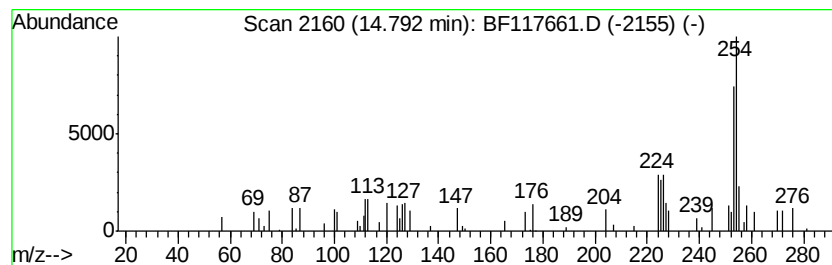
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz(a)anthracene-7-carboni... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.28 ng	27529	Perylene-d12	15.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benz(a)anthracene-7-carbonitrile	253 C19H11N	007476-08-6 76
2		Pyrido[2,3-g]indole, 5-methoxy-2...	254 C16H18N2O	201991-45-9 52
3		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254 C16H18N2O	1000350-44-1 47
4		1,2-Dihydrobenzo[b]fluoranthene	254 C20H14	100516-13-0 47
5		4,4'-BiazulenyI	254 C20H14	094053-54-0 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
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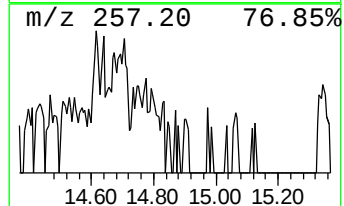
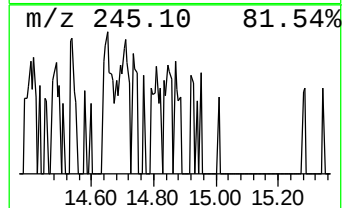
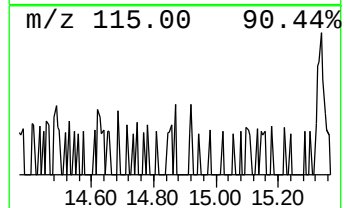
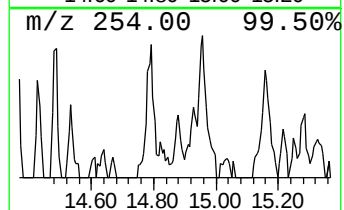
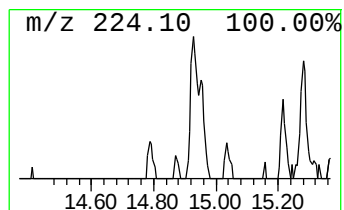
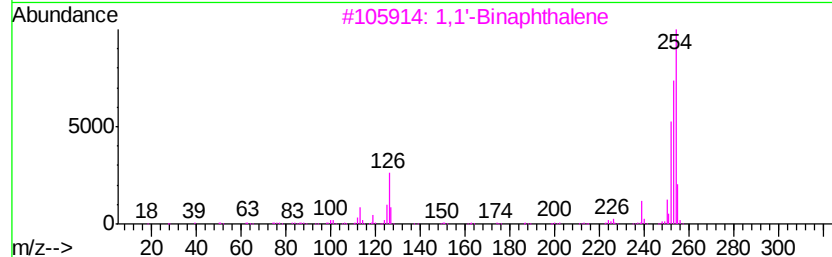
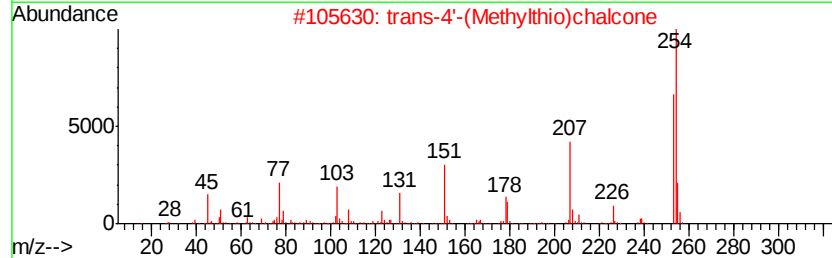
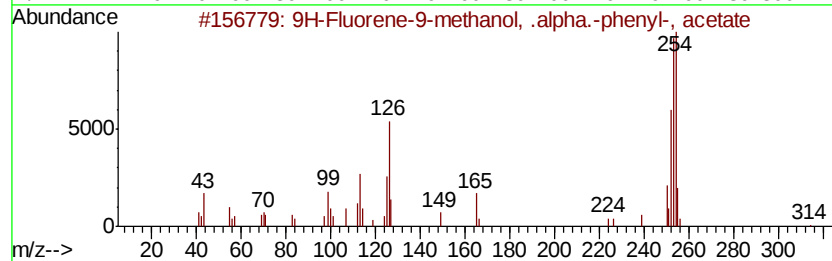
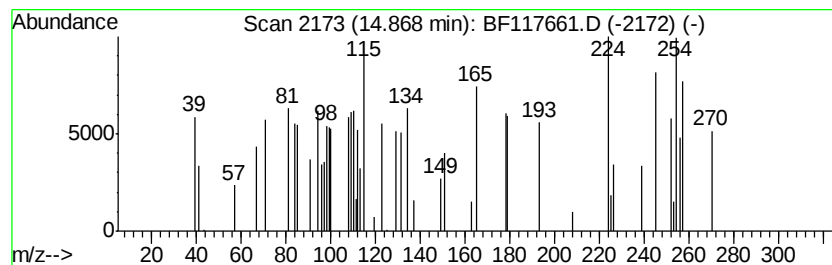
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.87 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.29 ng	27549	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene-9-methanol, .alpha.-...	314	C22H18O2	063839-89-4	37
2		trans-4'-(Methylthio)chalcone	254	C16H14OS	017129-07-6	27
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	25
4		4,6'-Biazulenyl	254	C20H14	094154-49-1	25
5		4,4'-Biazulenyl	254	C20H14	094053-54-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
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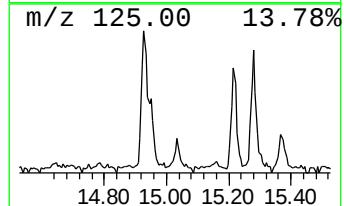
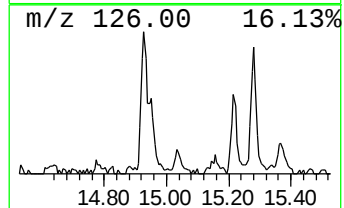
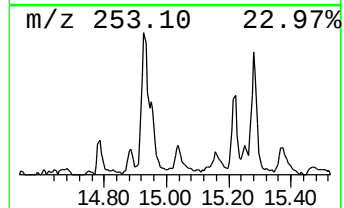
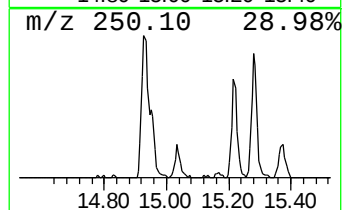
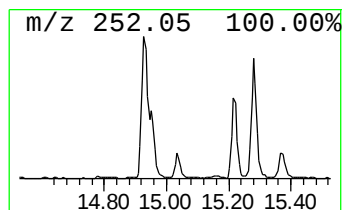
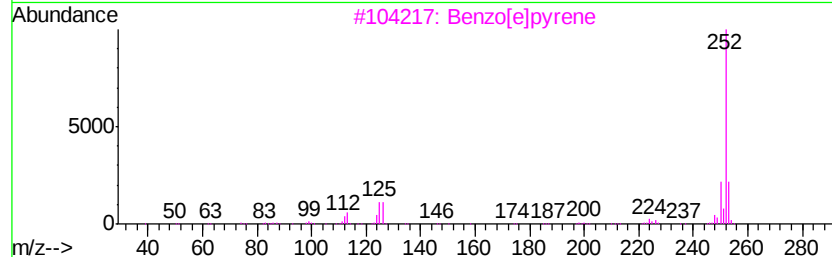
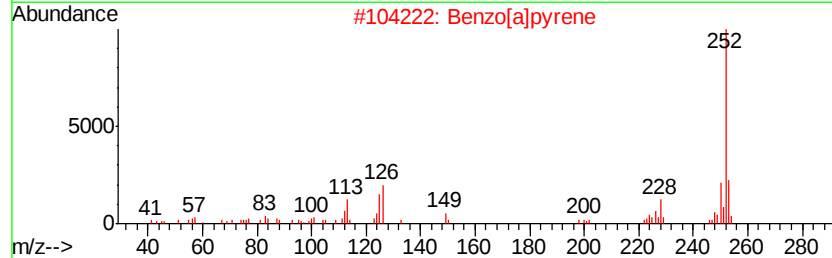
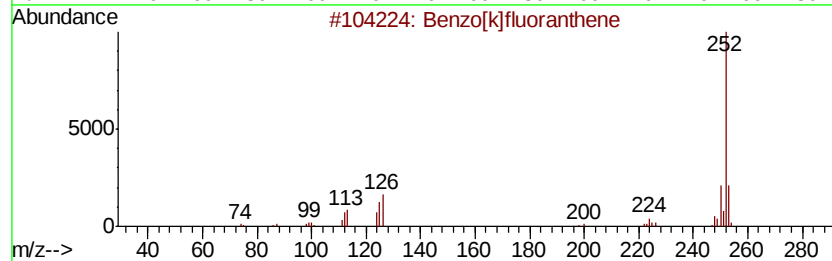
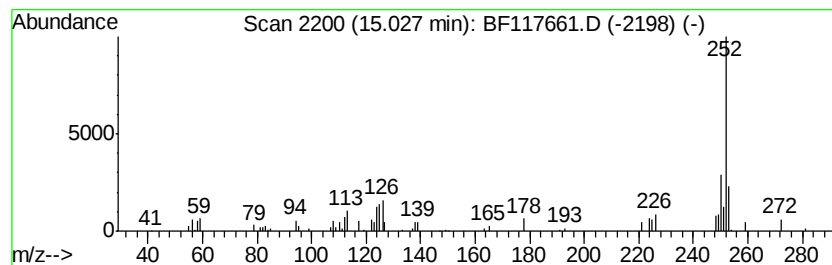
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	8.32 ng	53500	Perylene-d12	15.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2			Benzo[a]pyrene	252	C20H12	000050-32-8	89
3			Benzo[e]pyrene	252	C20H12	000192-97-2	87
4			Perylene	252	C20H12	000198-55-0	81
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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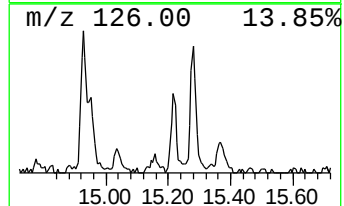
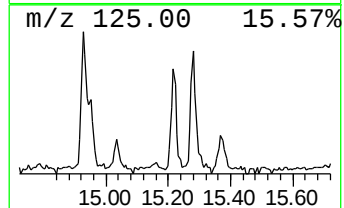
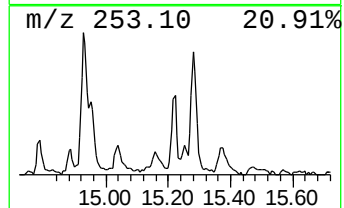
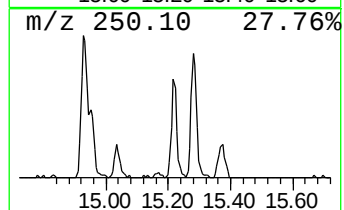
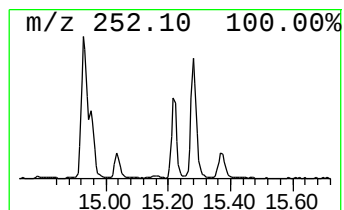
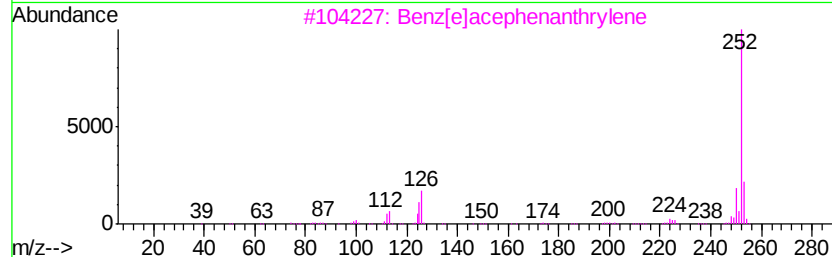
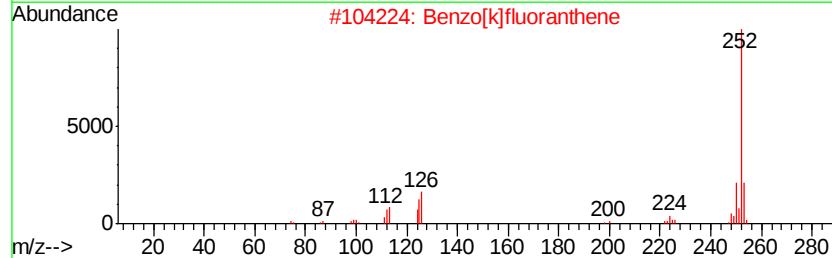
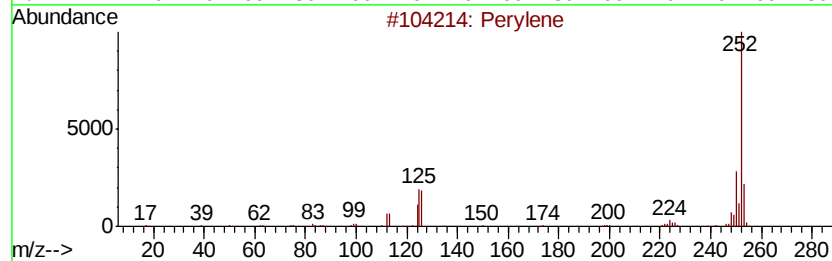
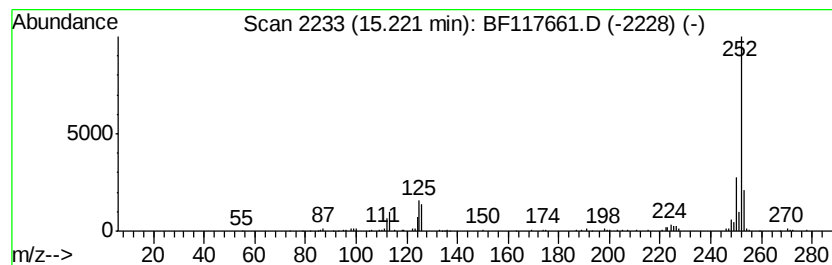
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	23.41 ng	150459	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
5		Benzo[e]pyrene	252	C20H12	000192-97-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
200-06-(0-1.2)

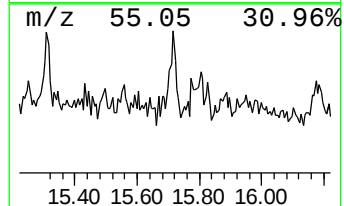
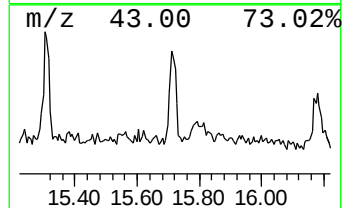
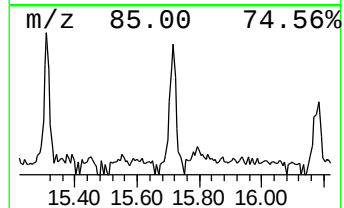
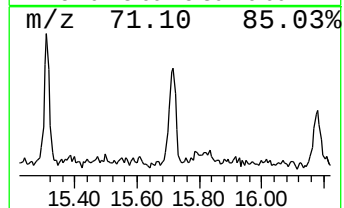
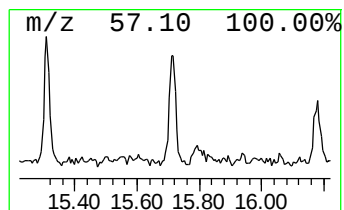
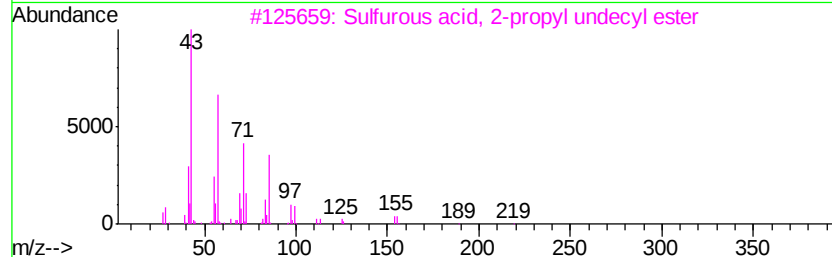
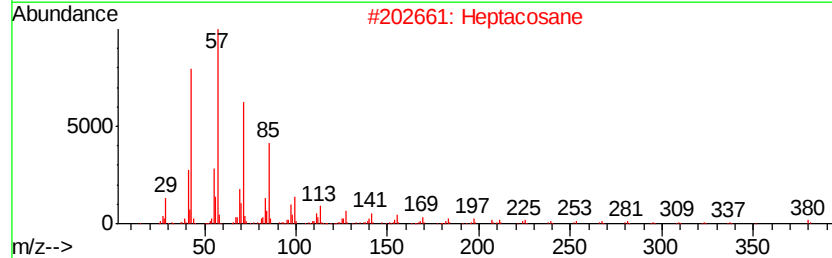
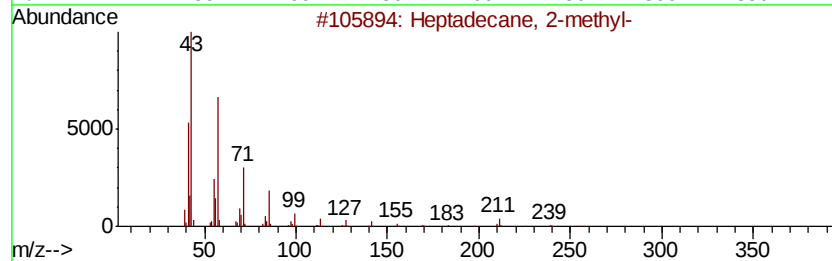
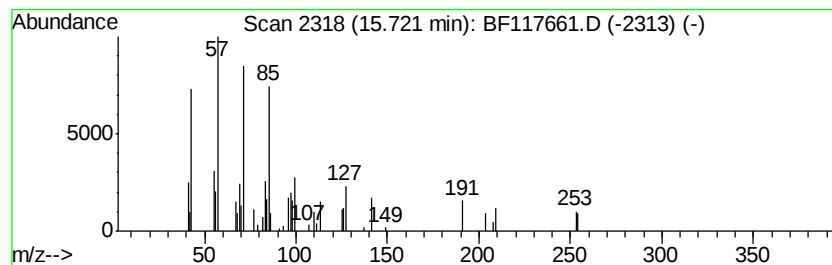
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	7.01 ng	45057	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	83
2		Heptacosane	380	C27H56	000593-49-7	80
3		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	78
4		Heneicosane	296	C21H44	000629-94-7	78
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103119\
Data File : BF117661.D
Acq On : 31 Oct 2019 16:38
Operator : JU
Sample : K5542-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
200-06-(0-1.2)

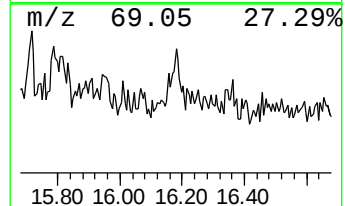
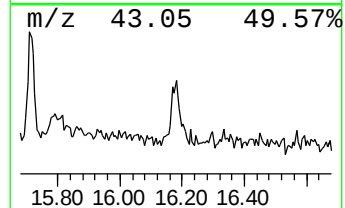
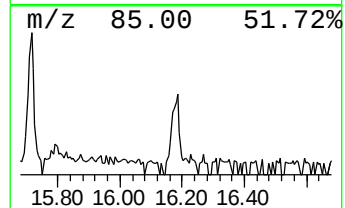
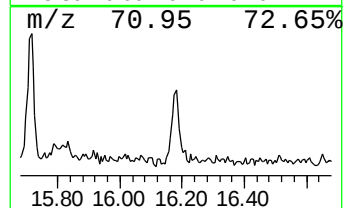
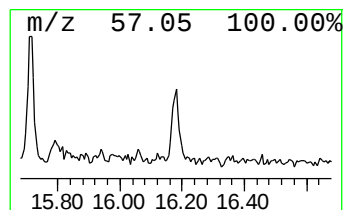
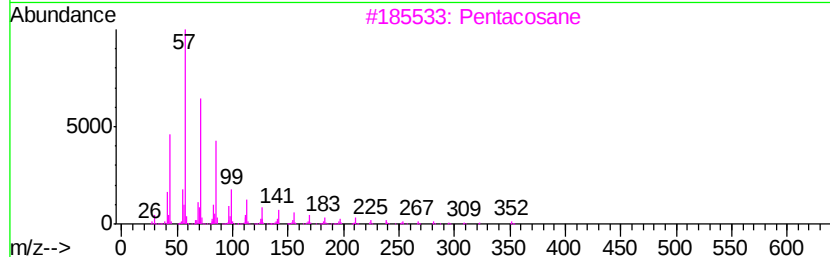
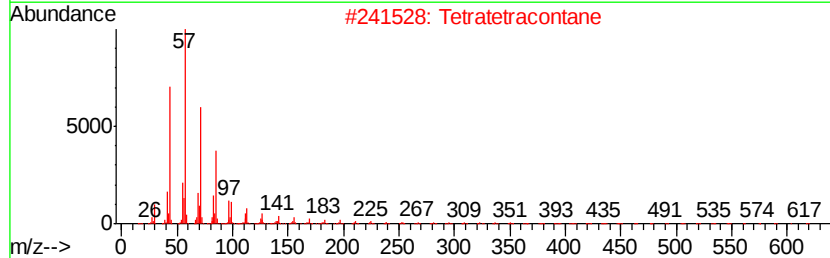
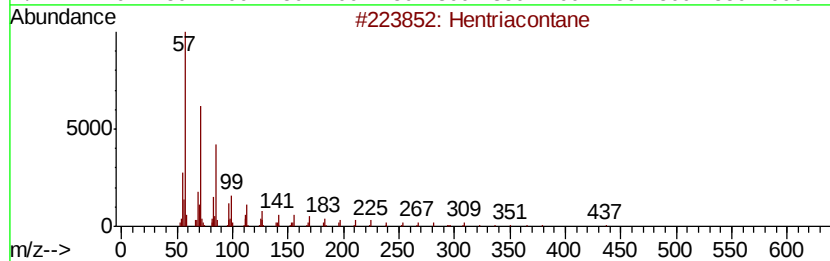
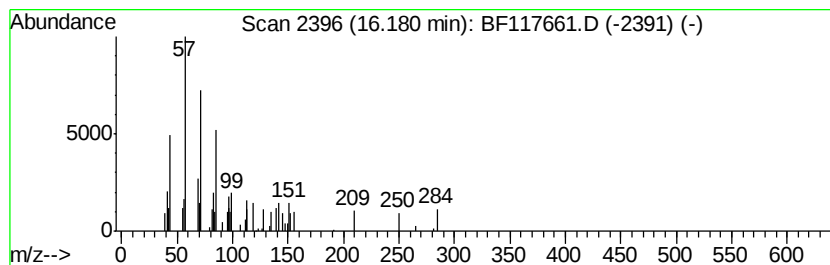
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.74 ng	36866	Perylene-d12	15.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	62
2			Tetratetracontane	619	C44H90	007098-22-8	58
3			Pentacosane	352	C25H52	000629-99-2	58
4			Tetrapentacontane	759	C54H110	005856-66-6	58
5			2-methyltetracosane	352	C25H52	1000376-72-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103119\
 Data File : BF117661.D
 Acq On : 31 Oct 2019 16:38
 Operator : JU
 Sample : K5542-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 200-06-(0-1.2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.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
2-Pentanone, 4-hy...	4.92	11.4	ng	116372	1	6.73	204811	20.0
unknown6.50	6.50	80.0	ng	818851	1	6.73	204811	20.0
Phenanthrene, 2-m...	11.75	6.6	ng	102350	4	11.25	310924	20.0
Anthracene, 2-met...	11.78	12.6	ng	196086	4	11.25	310924	20.0
4H-Cyclopenta[def...	11.86	12.5	ng	193675	4	11.25	310924	20.0
Anthracene, 1-met...	11.89	4.3	ng	66186	4	11.25	310924	20.0
Phenanthrene, 2,5...	12.30	4.9	ng	76846	4	11.25	310924	20.0
unknown12.34	12.34	4.2	ng	65481	4	11.25	310924	20.0
Cyclopenta(def)ph...	12.40	4.3	ng	66840	4	11.25	310924	20.0
Triphenylene	13.67	4.3	ng	116774	5	13.90	541102	20.0
17-Pentatriacontene	13.73	5.5	ng	149355	5	13.90	541102	20.0
Octadecane	14.64	15.2	ng	97643	6	15.34	128536	20.0
unknown14.71	14.71	4.7	ng	30197	6	15.34	128536	20.0
Benz(a)anthracene...	14.79	4.3	ng	27529	6	15.34	128536	20.0
unknown14.87	14.87	4.3	ng	27549	6	15.34	128536	20.0
Benzo[e]pyrene	15.03	8.3	ng	53500	6	15.34	128536	20.0
Perylene	15.22	23.4	ng	150459	6	15.34	128536	20.0
Heptadecane, 2-me...	15.72	7.0	ng	45057	6	15.34	128536	20.0
Hentriacontane	16.18	5.7	ng	36866	6	15.34	128536	20.0