

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103428.D
 Acq On : 6 Mar 2018 00:01
 Operator : SJ/JU
 Sample : J1778-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.122	3	6	13	rVB	174103	224351	7.32%	0.490%
2	5.104	510	513	520	rBV	52929	70128	2.29%	0.153%
3	5.504	577	581	612	rBV	2185172	3060653	99.89%	6.690%
4	6.157	687	692	696	rBV2	25171	55716	1.82%	0.122%
5	6.516	749	753	771	rBV	2205803	3064119	100.00%	6.698%
6	6.645	771	775	784	rVV	2515995	2853425	93.12%	6.237%
7	6.710	784	786	798	rVB	76305	143851	4.69%	0.314%
8	6.875	810	814	821	rBV	759323	777609	25.38%	1.700%
9	7.028	836	840	848	rBV	2220579	2166904	70.72%	4.737%
10	7.439	906	910	925	rBV	1761128	1803009	58.84%	3.941%
11	8.063	1011	1016	1023	rBV2	32938	59458	1.94%	0.130%
12	8.157	1028	1032	1034	rVV	1073787	1035927	33.81%	2.264%
13	8.181	1034	1036	1042	rVV	1125156	1050165	34.27%	2.296%
14	8.233	1042	1045	1053	rVB	54958	74545	2.43%	0.163%
15	8.869	1150	1153	1161	rBV	578313	552400	18.03%	1.207%
16	8.969	1165	1170	1177	rVV	476798	420866	13.74%	0.920%
17	9.092	1188	1191	1197	rVB	123563	106522	3.48%	0.233%
18	9.228	1211	1214	1223	rVB	2514028	2309244	75.36%	5.048%
19	9.333	1229	1232	1236	rBV	144530	125068	4.08%	0.273%
20	9.386	1237	1241	1246	rVV	156161	212389	6.93%	0.464%
21	9.428	1246	1248	1254	rVB	74708	83581	2.73%	0.183%
22	9.498	1256	1260	1264	rBV	173688	236630	7.72%	0.517%
23	9.569	1269	1272	1275	rBV	253235	278195	9.08%	0.608%
24	9.598	1275	1277	1282	rVB	155859	136836	4.47%	0.299%
25	9.645	1282	1285	1289	rVB2	40810	52393	1.71%	0.115%
26	9.686	1289	1292	1294	rBV	119148	112181	3.66%	0.245%
27	9.775	1304	1307	1313	rBV	204187	201537	6.58%	0.441%
28	9.916	1324	1331	1334	rBV	955540	928175	30.29%	2.029%
29	9.945	1334	1336	1340	rVV	517992	453916	14.81%	0.992%
30	10.016	1342	1348	1352	rVB4	46105	70459	2.30%	0.154%
31	10.122	1361	1366	1369	rVV	388005	375220	12.25%	0.820%
32	10.157	1369	1372	1375	rVB	77533	77804	2.54%	0.170%
33	10.227	1379	1384	1387	rBV2	85691	93675	3.06%	0.205%
34	10.322	1397	1400	1406	rVB	717540	602910	19.68%	1.318%

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35	10.469	1421	1425	1430	rVB	625510	636497	20.77%	1.391%
36	10.527	1430	1435	1437	rBV	188705	182352	5.95%	0.399%
37	10.545	1437	1438	1441	rVV2	74128	62325	2.03%	0.136%
38	10.622	1448	1451	1454	rVB	102236	97926	3.20%	0.214%
39	10.710	1459	1466	1472	rBV2	1172044	1338569	43.69%	2.926%
40	10.810	1479	1483	1485	rBV2	45602	61359	2.00%	0.134%
41	10.904	1495	1499	1501	rBV2	47205	53382	1.74%	0.117%
42	11.016	1513	1518	1520	rVV	141704	177157	5.78%	0.387%
43	11.045	1520	1523	1525	rVV2	88962	89817	2.93%	0.196%
44	11.098	1529	1532	1535	rVB2	73635	64799	2.11%	0.142%
45	11.139	1535	1539	1541	rBV3	40993	54466	1.78%	0.119%
46	11.163	1541	1543	1549	rVB4	45809	58930	1.92%	0.129%
47	11.251	1555	1558	1562	rBV3	66133	75040	2.45%	0.164%
48	11.304	1565	1567	1571	rVB	201034	181739	5.93%	0.397%
49	11.410	1581	1585	1587	rBV	781314	740386	24.16%	1.618%
50	11.439	1587	1590	1593	rVV	2280079	2035239	66.42%	4.449%
51	11.486	1595	1598	1602	rVV	728909	668107	21.80%	1.460%
52	11.527	1602	1605	1607	rVV2	69846	81903	2.67%	0.179%
53	11.557	1607	1610	1616	rVV	277324	251134	8.20%	0.549%
54	11.645	1622	1625	1629	rVV	144038	169484	5.53%	0.370%
55	11.698	1632	1634	1636	rVV	61322	52083	1.70%	0.114%
56	11.739	1639	1641	1645	rVV3	58453	76911	2.51%	0.168%
57	11.780	1645	1648	1653	rVB3	68202	70387	2.30%	0.154%
58	11.827	1653	1656	1661	rBV	43321	66428	2.17%	0.145%
59	11.916	1667	1671	1673	rBV	297625	313170	10.22%	0.685%
60	11.957	1673	1678	1681	rVV2	770423	951653	31.06%	2.080%
61	11.992	1681	1684	1687	rVV	157535	146682	4.79%	0.321%
62	12.027	1687	1690	1692	rVV	515625	543788	17.75%	1.189%
63	12.045	1692	1693	1698	rVB	204652	181140	5.91%	0.396%
64	12.204	1717	1720	1723	rVV	143573	143889	4.70%	0.315%
65	12.233	1723	1725	1731	rVB4	45569	81354	2.66%	0.178%
66	12.386	1749	1751	1754	rVV	53954	52824	1.72%	0.115%
67	12.463	1761	1764	1768	rVV2	154176	212463	6.93%	0.464%
68	12.504	1768	1771	1773	rVV2	104616	124934	4.08%	0.273%
69	12.551	1776	1779	1788	rVB4	62867	144448	4.71%	0.316%
70	12.633	1789	1793	1797	rBV	1748099	1706177	55.68%	3.730%
71	12.692	1801	1803	1806	rVV2	63169	68461	2.23%	0.150%

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 Sampling : 1
 Start Thrs: 0.2
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72	12.727	1806	1809	1812	rVV	140279	139121	4.54%	0.304%
73	12.780	1815	1818	1825	rVV4	106420	178862	5.84%	0.391%
74	12.868	1825	1833	1838	rVV	1374862	1809070	59.04%	3.954%
75	12.910	1838	1840	1845	rVB3	89805	94732	3.09%	0.207%
76	12.998	1850	1855	1858	rBV	1552777	1602980	52.31%	3.504%
77	13.086	1865	1870	1873	rBV2	107577	176530	5.76%	0.386%
78	13.192	1880	1888	1893	rBV2	345843	556130	18.15%	1.216%
79	13.257	1896	1899	1902	rBV	315963	262302	8.56%	0.573%
80	13.298	1902	1906	1909	rVV2	115491	116261	3.79%	0.254%
81	13.392	1919	1922	1924	rBV	64890	65803	2.15%	0.144%
82	13.421	1924	1927	1930	rVV2	96824	98166	3.20%	0.215%
83	13.451	1930	1932	1937	rVV2	122492	157232	5.13%	0.344%
84	13.545	1945	1948	1953	rBV	187682	197494	6.45%	0.432%
85	13.674	1967	1970	1973	rBV3	49519	66240	2.16%	0.145%
86	13.815	1992	1994	1996	rBV	82760	61247	2.00%	0.134%
87	13.839	1996	1998	2001	rVB	108417	86167	2.81%	0.188%
88	13.874	2001	2004	2011	rBV4	347656	412434	13.46%	0.902%
89	14.063	2032	2036	2039	rVV2	777406	1186030	38.71%	2.593%
90	14.092	2039	2041	2047	rVB	537597	506215	16.52%	1.107%
91	14.174	2053	2055	2057	rBV	108071	100651	3.28%	0.220%
92	14.198	2057	2059	2061	rVV	88233	79334	2.59%	0.173%
93	14.221	2061	2063	2068	rVB3	56264	68893	2.25%	0.151%
94	14.457	2101	2103	2106	rVB	100247	86095	2.81%	0.188%
95	14.515	2110	2113	2118	rVB3	160767	225475	7.36%	0.493%
96	15.133	2214	2218	2221	rBV	300055	472443	15.42%	1.033%
97	15.451	2269	2272	2276	rVB	160425	171165	5.59%	0.374%
98	15.515	2279	2283	2287	rBV	271403	378400	12.35%	0.827%
99	15.580	2290	2294	2297	rVV	273036	358007	11.68%	0.783%
100	15.609	2297	2299	2306	rVB	118200	146691	4.79%	0.321%

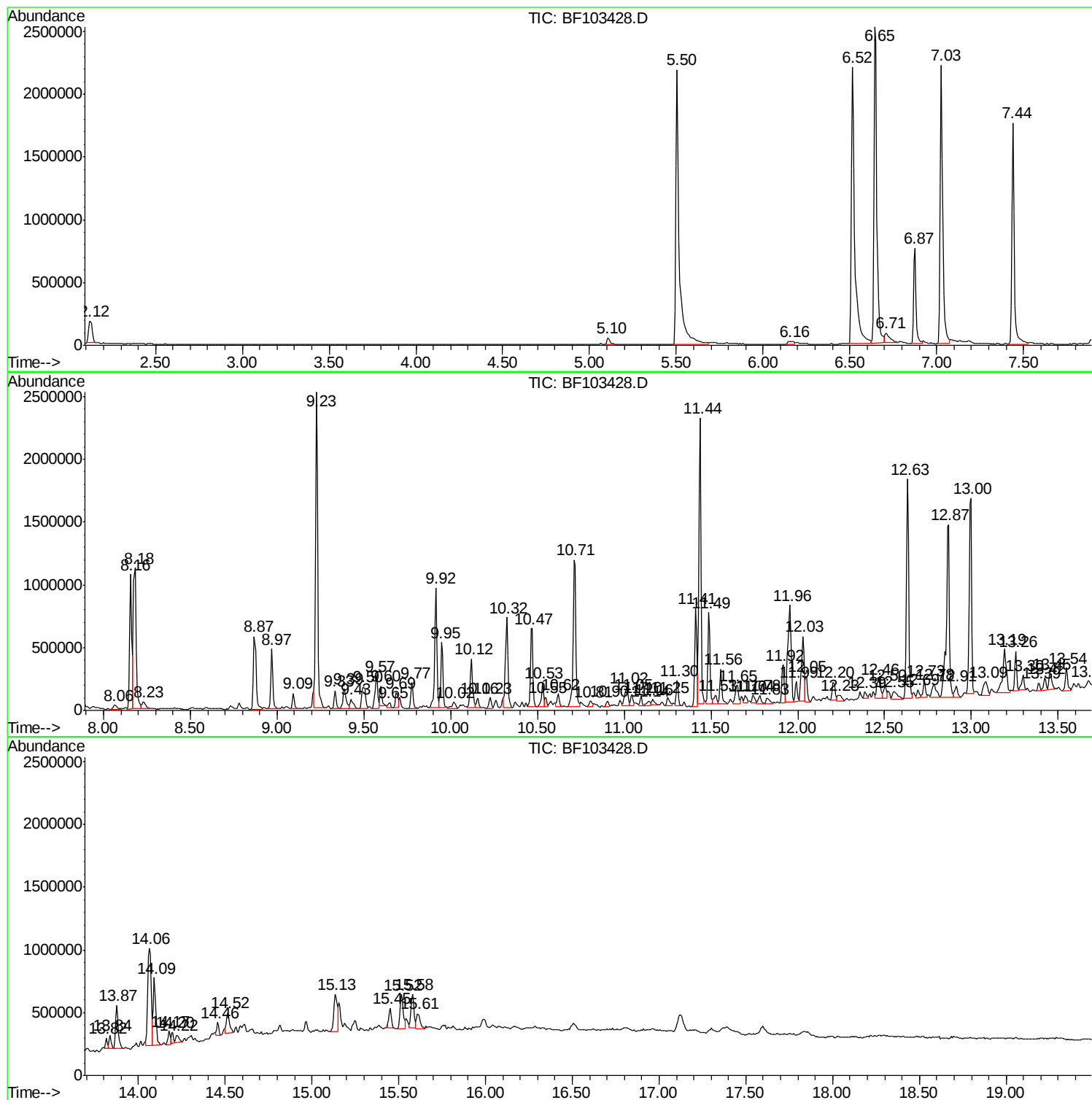
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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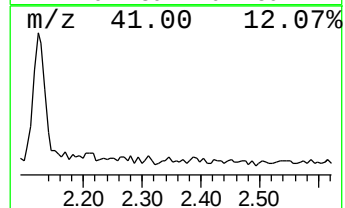
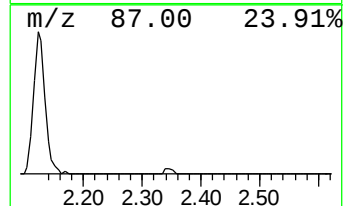
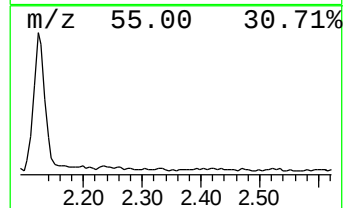
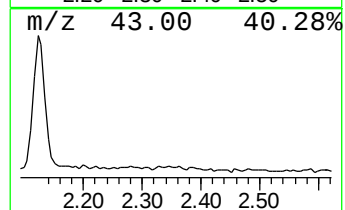
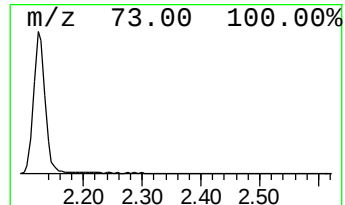
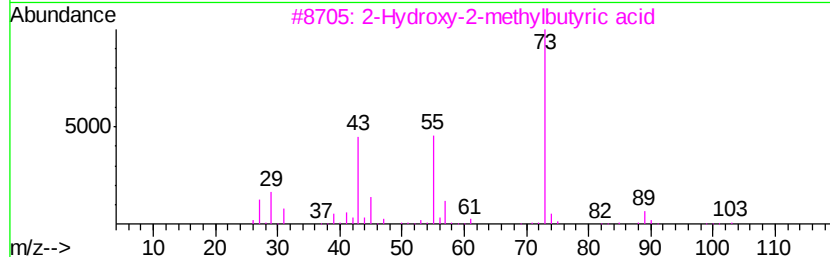
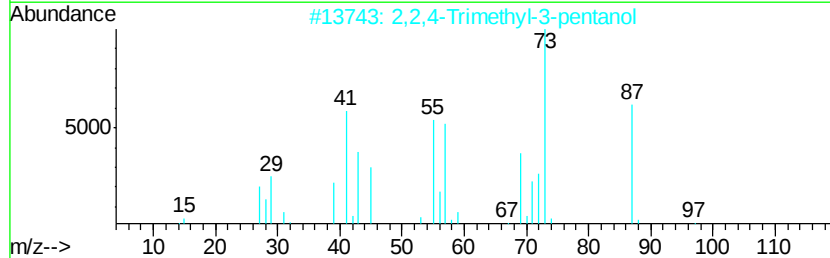
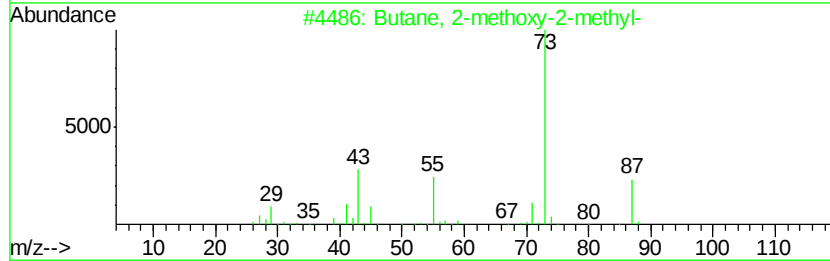
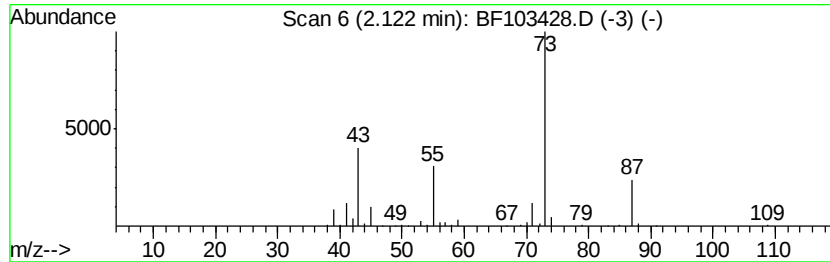
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.77 ng	224351	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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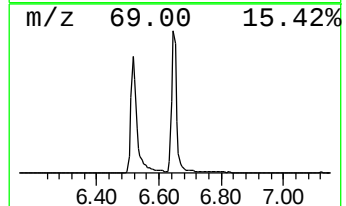
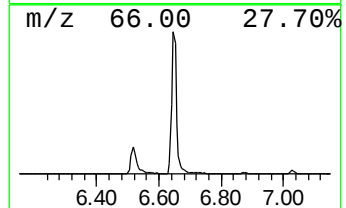
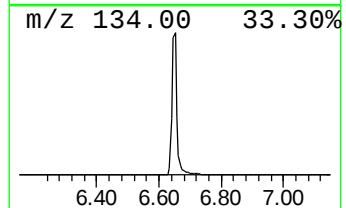
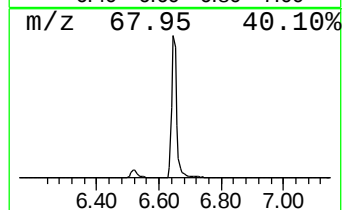
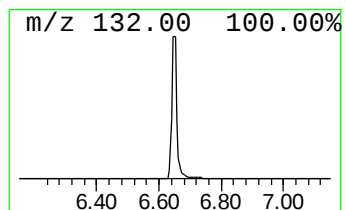
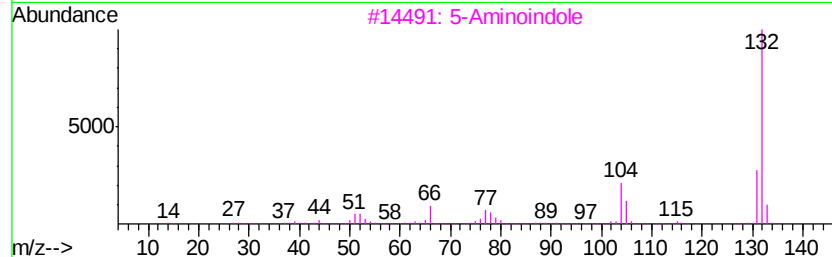
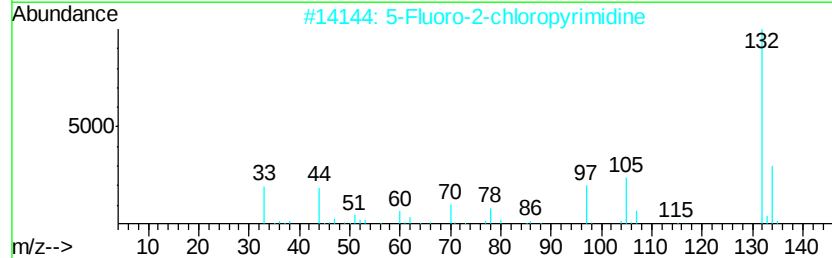
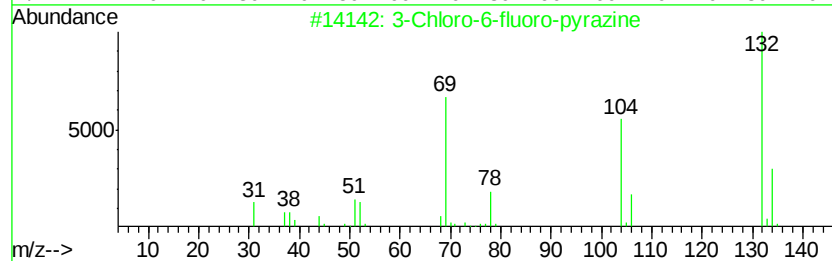
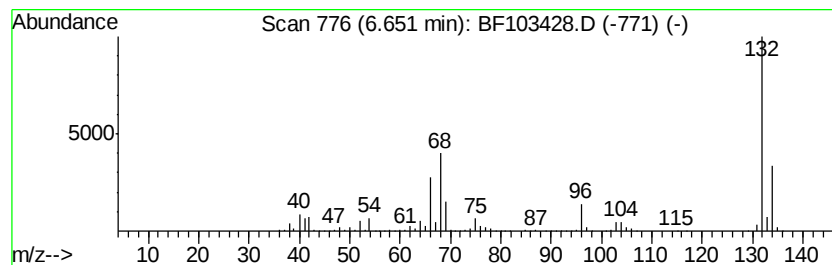
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	73.39 ng	2853430	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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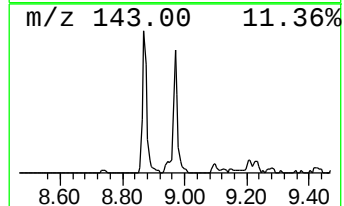
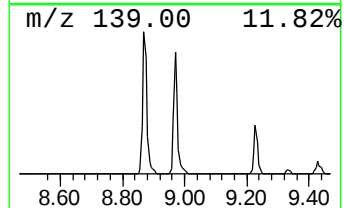
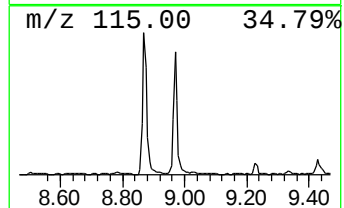
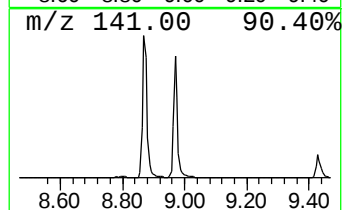
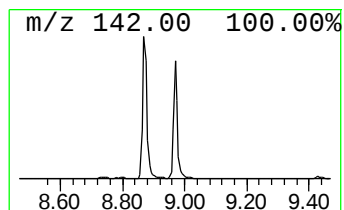
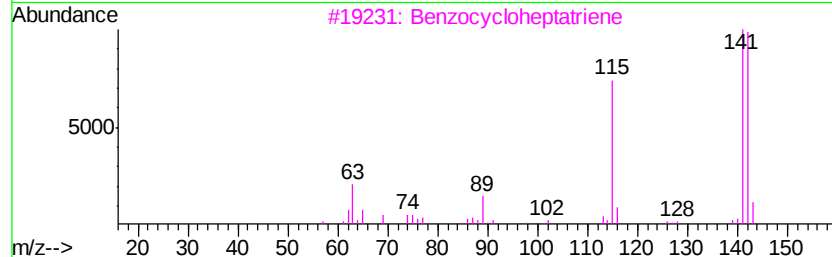
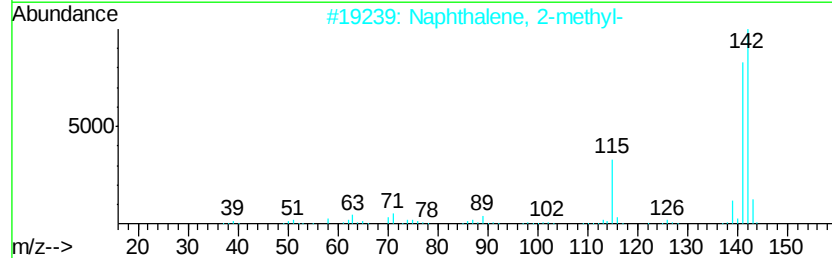
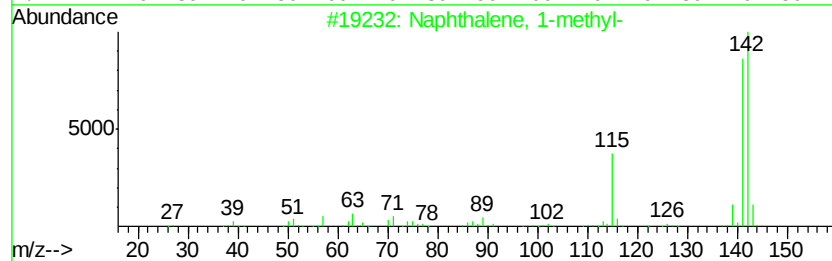
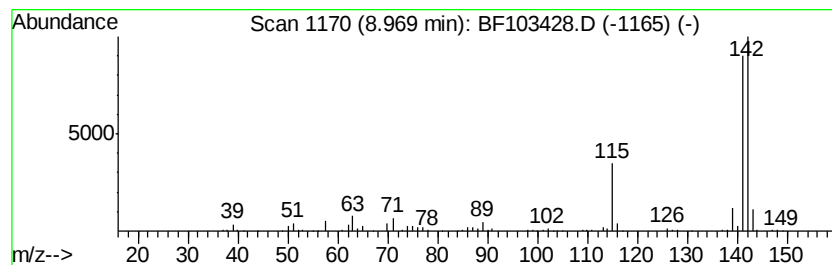
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	8.13 ng	420866	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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Sample : J1778-05
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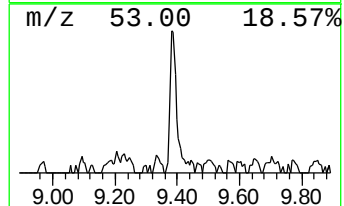
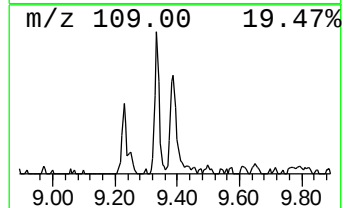
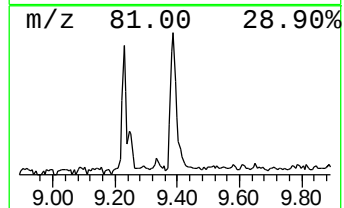
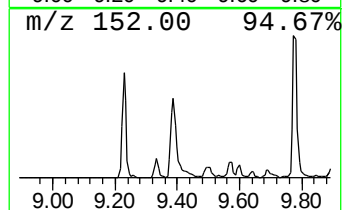
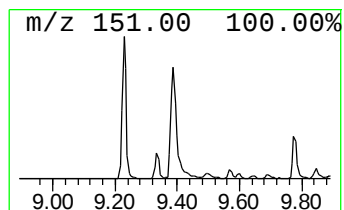
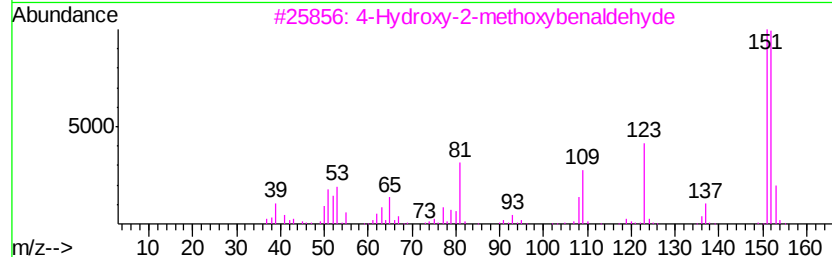
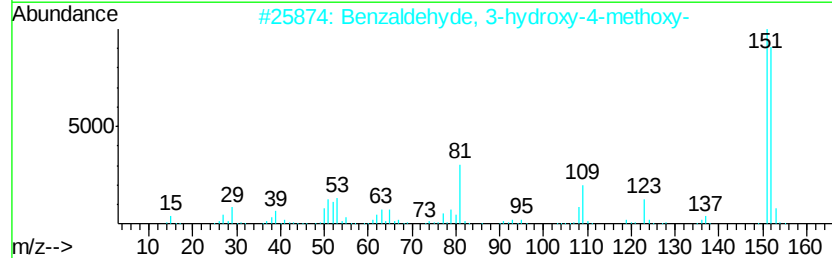
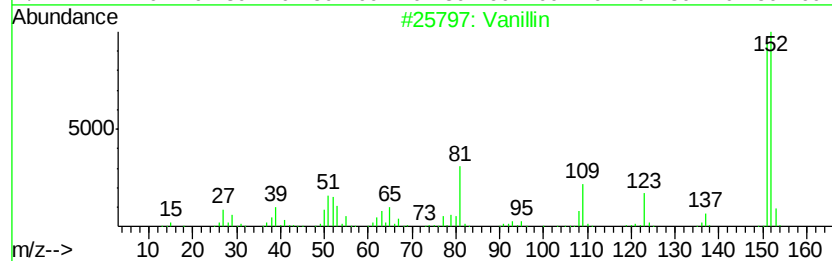
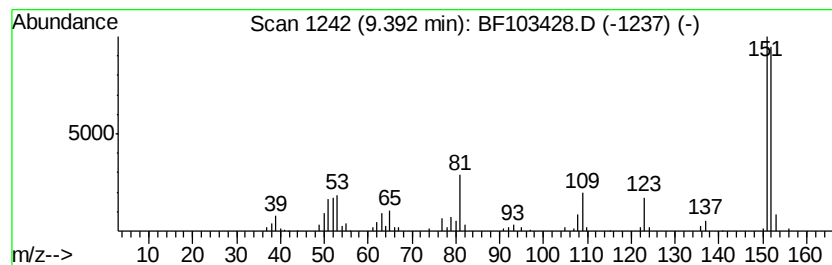
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Vanillin Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.39	4.58 ng	212389	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	94
3	4-Hydroxy-2-methoxybenzaldehyde		152	C8H8O3	018278-34-7	83
4	Benzaldehyde, 3-(chloroacetoxy)-...		228	C10H9ClO4	066267-38-7	78
5	Benzaldehyde, 4-(methylthio)-		152	C8H8OS	003446-89-7	72



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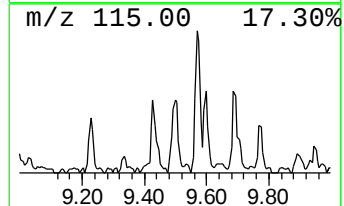
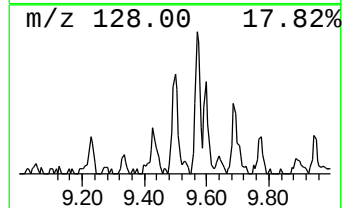
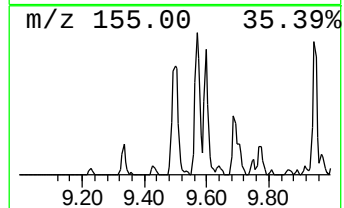
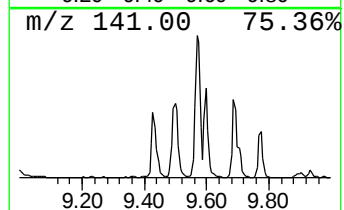
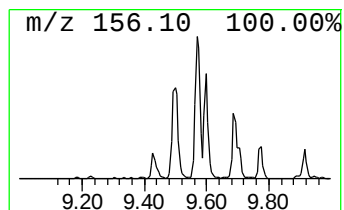
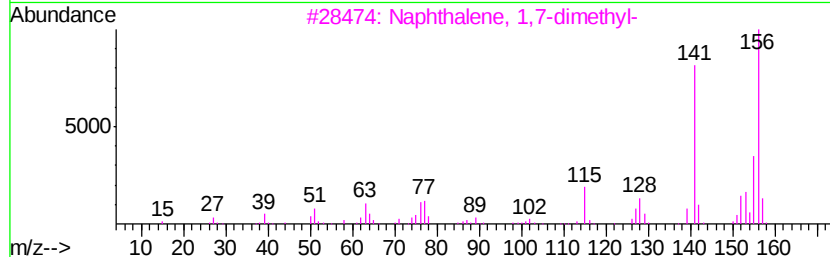
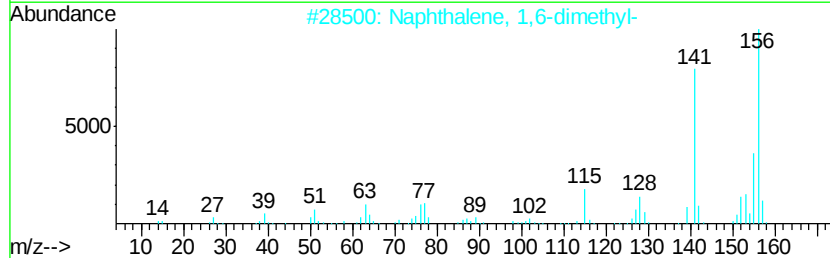
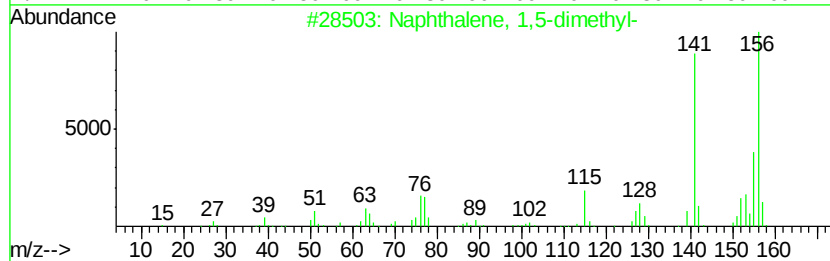
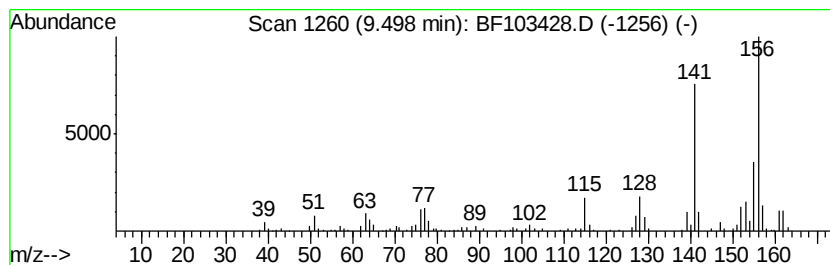
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.50	5.10 ng	236630	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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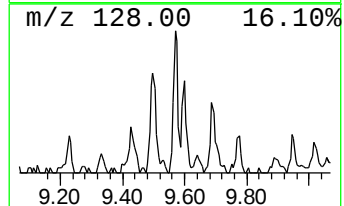
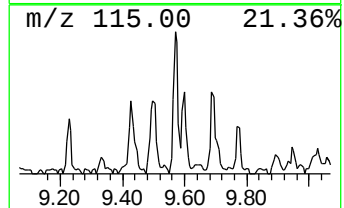
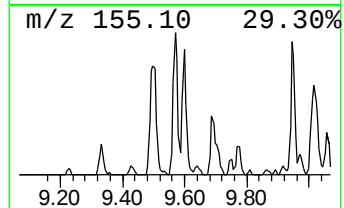
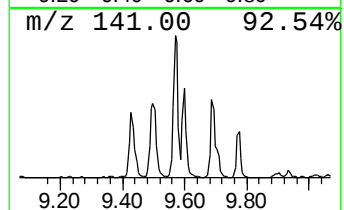
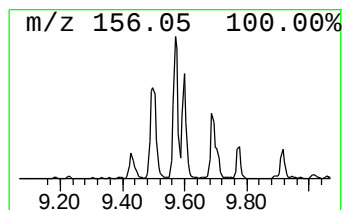
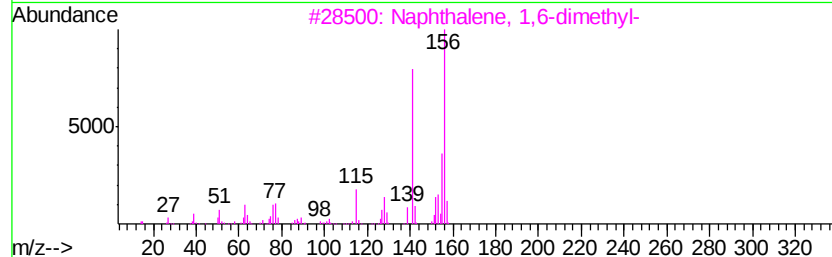
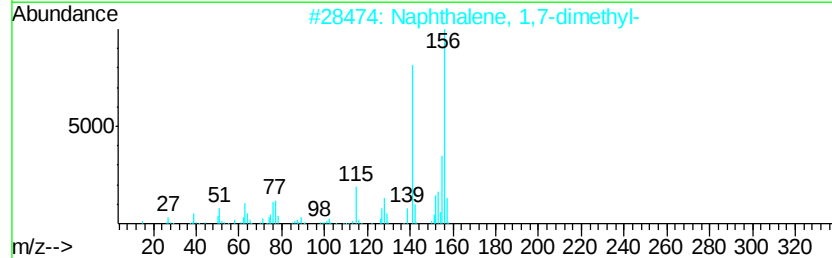
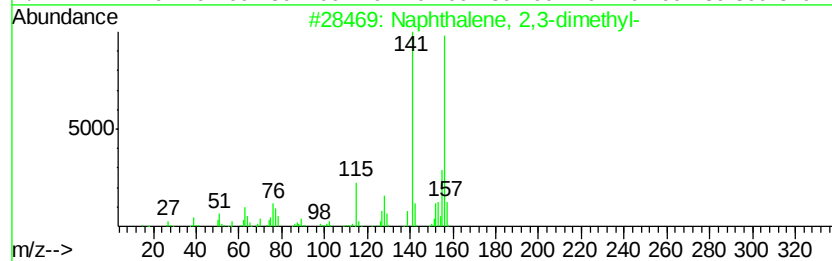
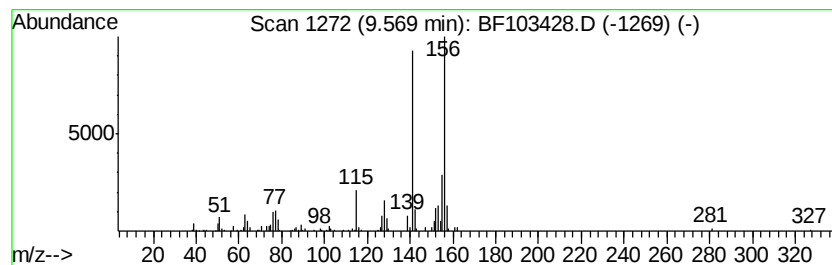
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	5.99 ng	278195	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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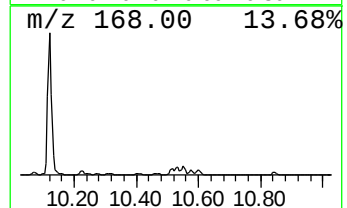
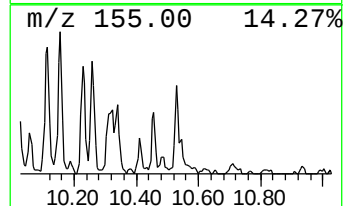
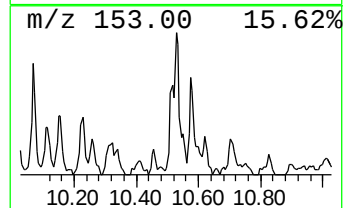
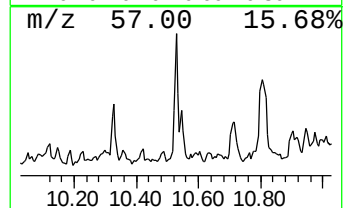
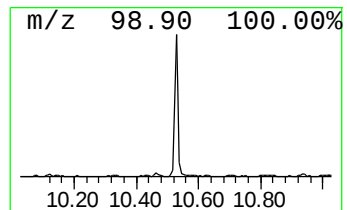
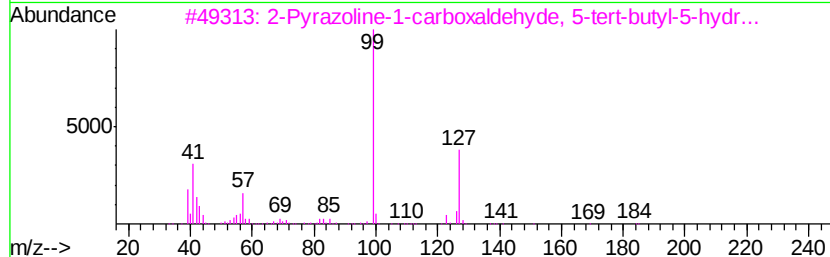
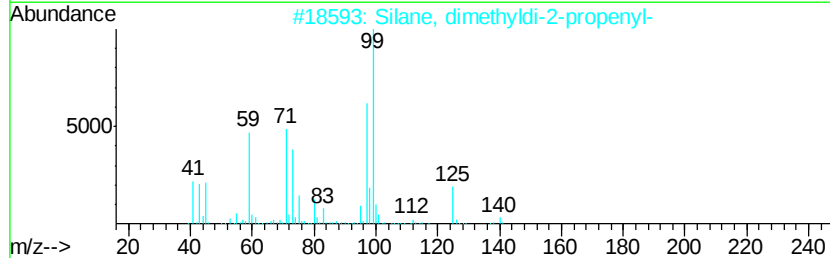
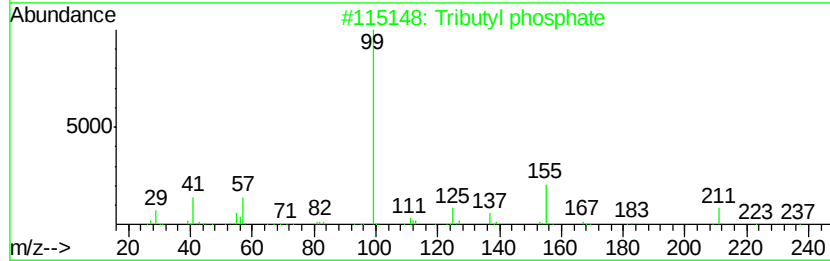
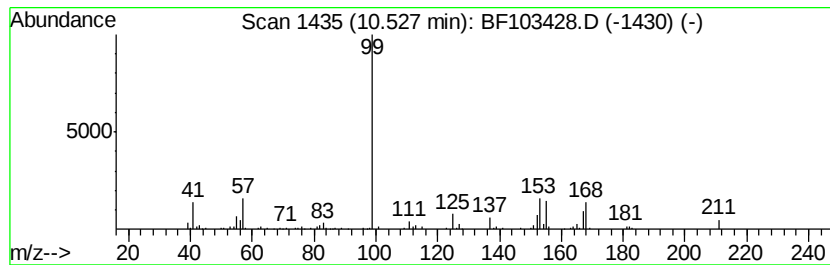
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tributyl phosphate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.93 ng	182352	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tributyl phosphate	266 C12H27O4P	000126-73-8 64
2		Silane, dimethyldi-2-propenyl-	140 C8H16Si	001113-12-8 38
3		2-Pyrazoline-1-carboxaldehyde, 5...	184 C9H16N2O2	103214-44-4 37
4		trans-Decalin-2-one, 6,6-ethylen...	210 C12H18O3	1000126-93-8 28
5		2-Methyl-3-hexyl methylphosphono...	196 C8H18FO2P	345260-70-0 28



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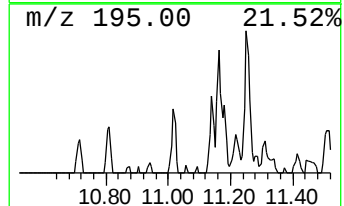
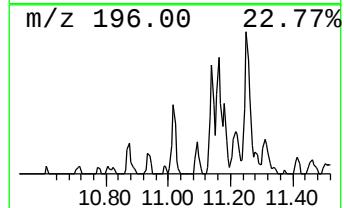
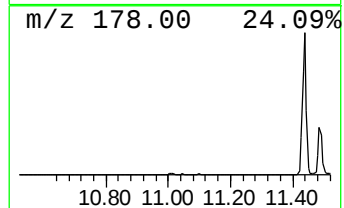
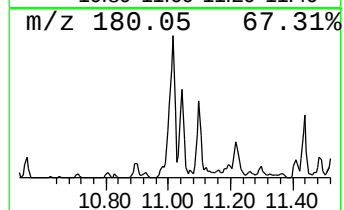
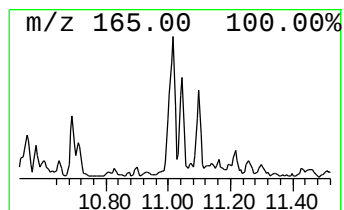
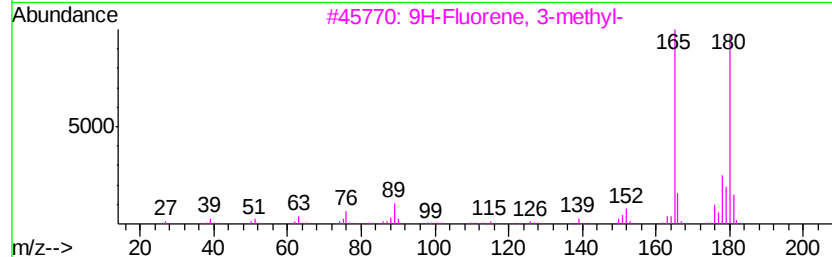
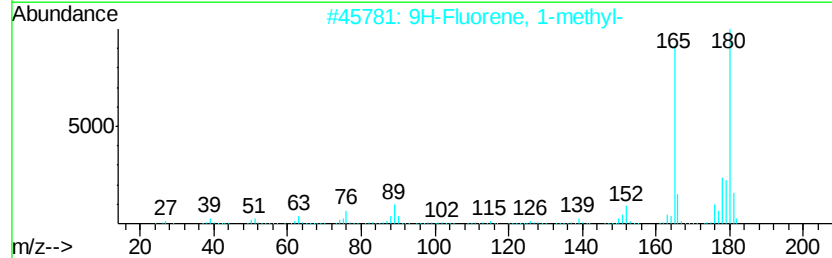
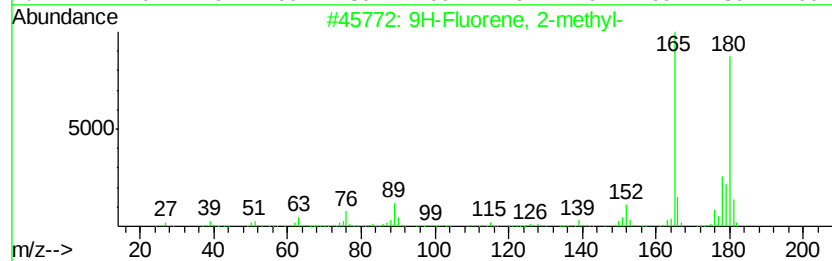
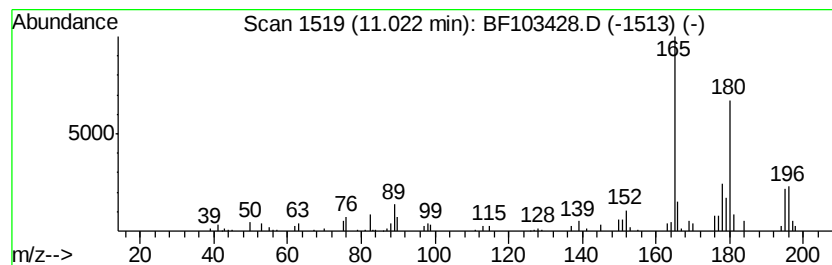
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.79 ng	177157	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70



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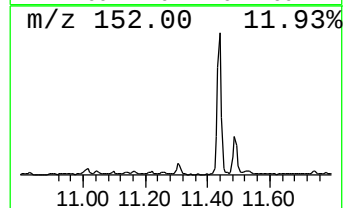
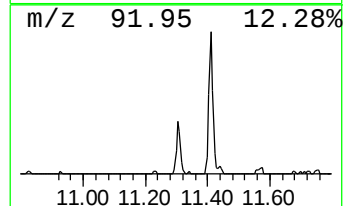
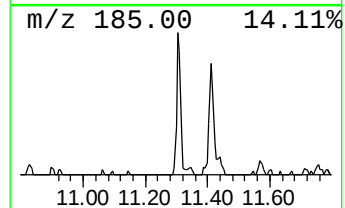
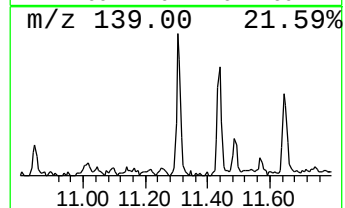
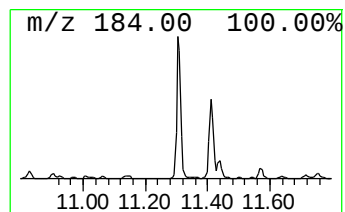
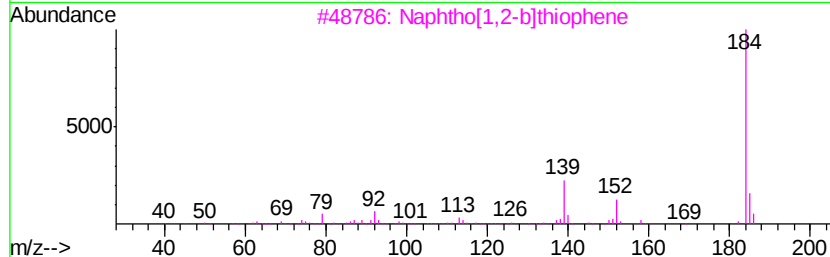
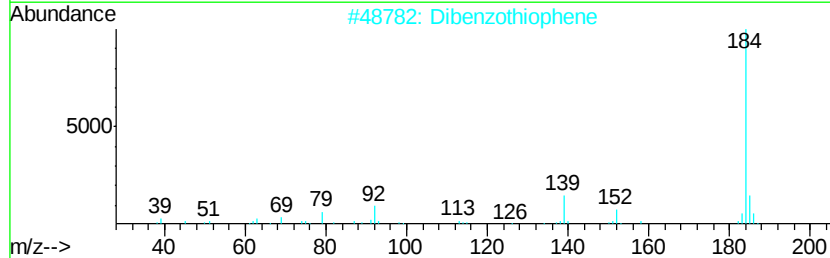
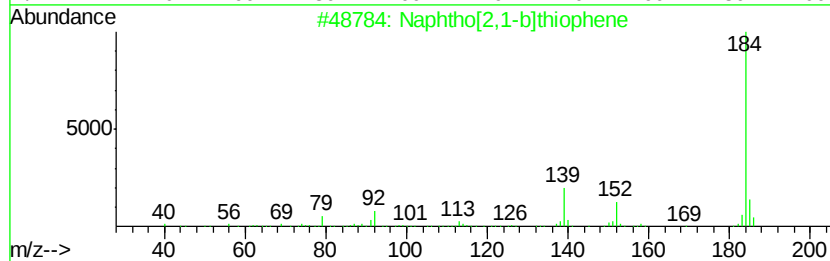
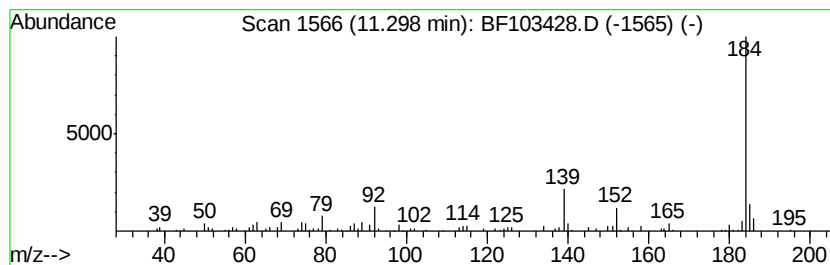
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	4.91 ng	181739	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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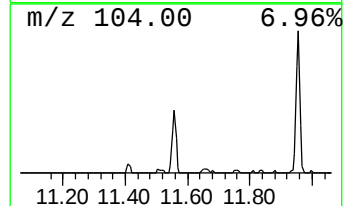
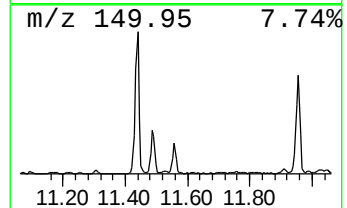
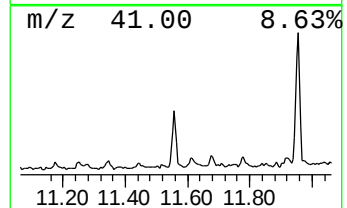
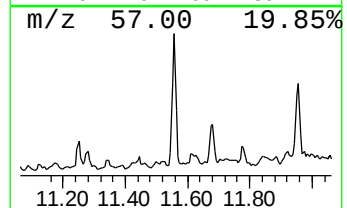
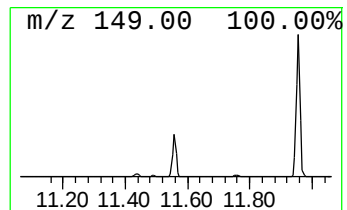
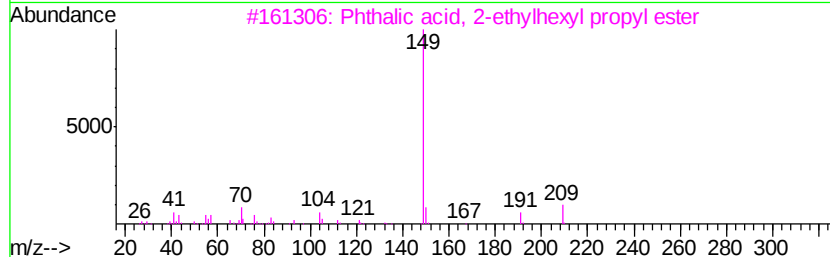
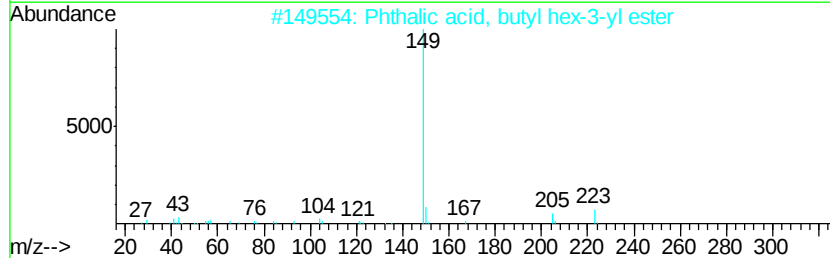
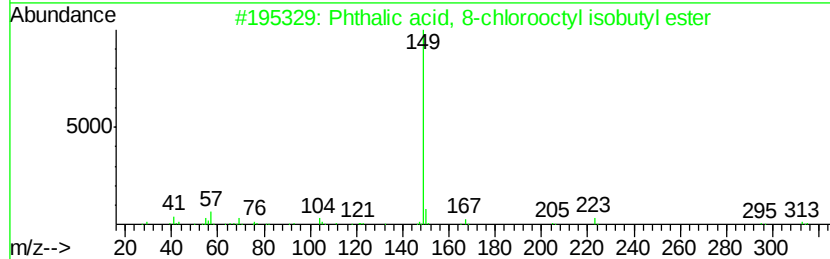
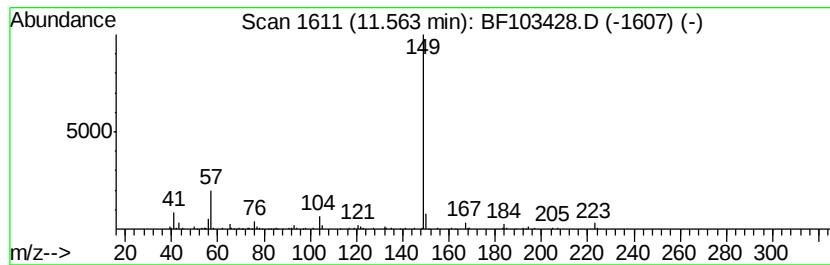
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, 8-chloroocty... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.56	6.78 ng	251134	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	78
2	Phthalic acid, butyl hex-3-yl ester	306	C18H26O4	1000356-95-5	78
3	Phthalic acid, 2-ethylhexyl prop...	320	C19H28O4	1000309-00-2	78
4	Phthalic acid, 2-cyclohexylethyl...	332	C20H28O4	1000309-08-4	78
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78



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Acq On : 6 Mar 2018 00:01
Operator : SJ/JU
Sample : J1778-05
Misc :
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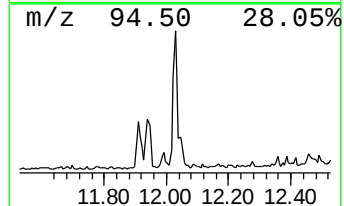
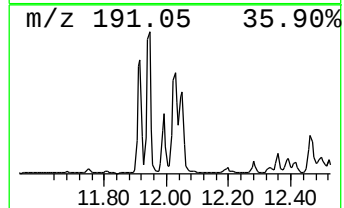
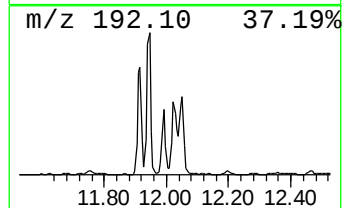
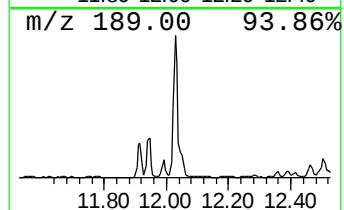
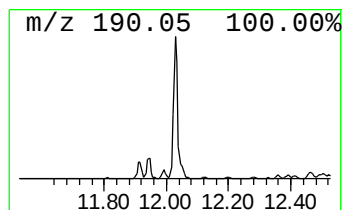
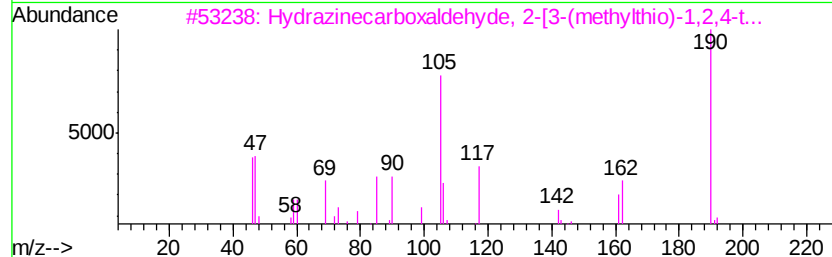
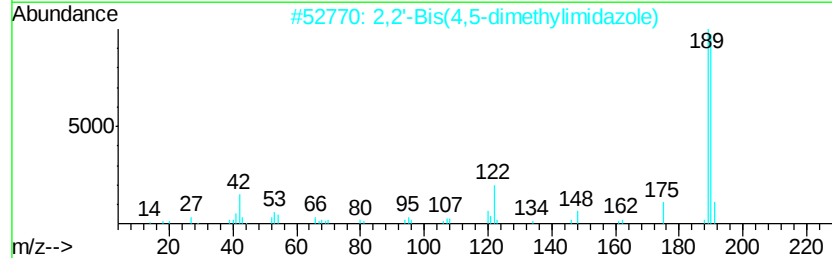
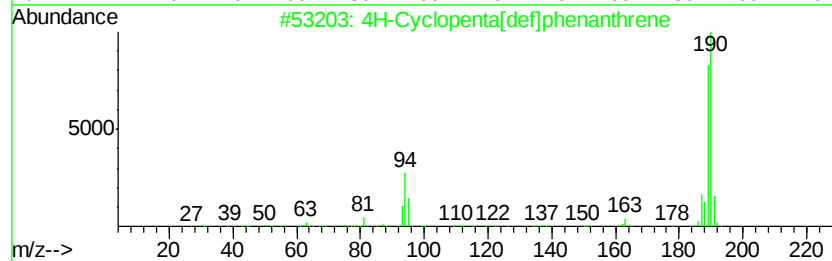
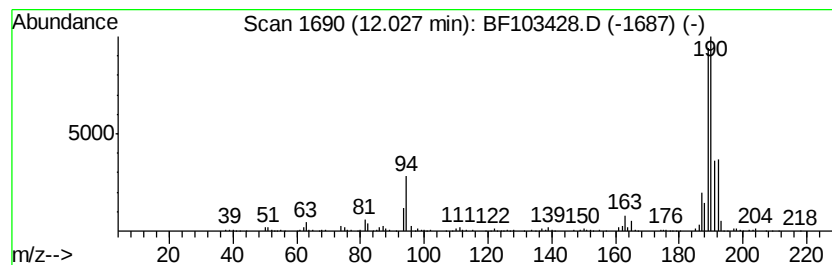
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.03	14.69 ng	543788	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
3	Hvdrazinecarboxaldehyde, 2-[3-(m...	190	C4H6N4OS2	038362-25-3	14
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11



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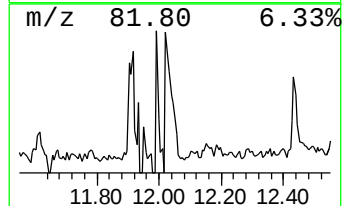
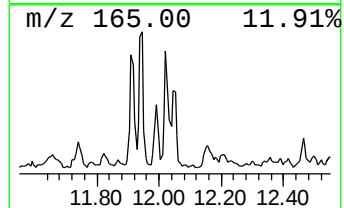
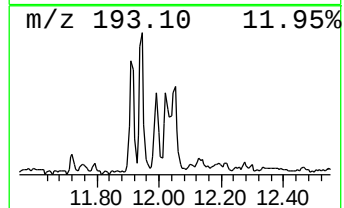
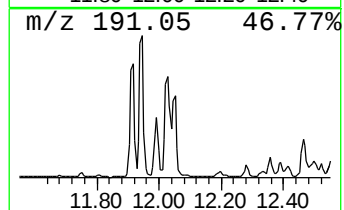
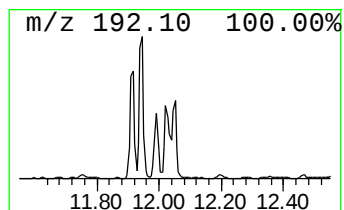
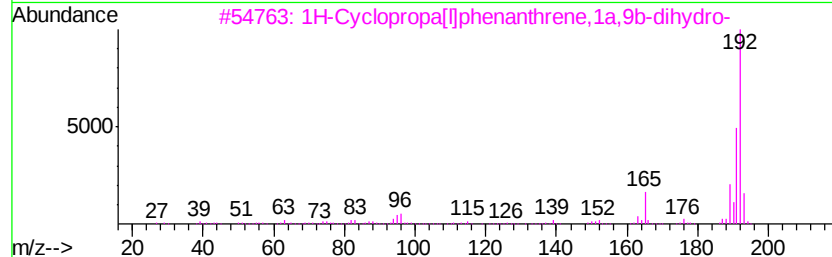
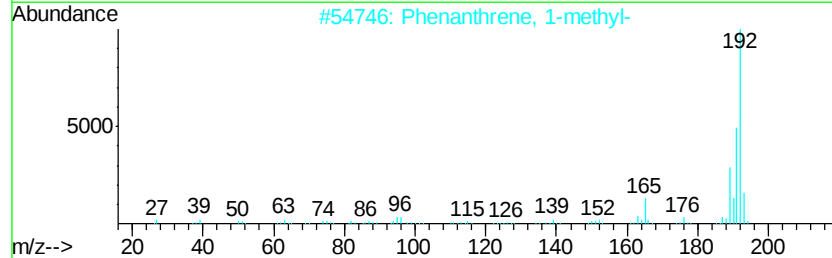
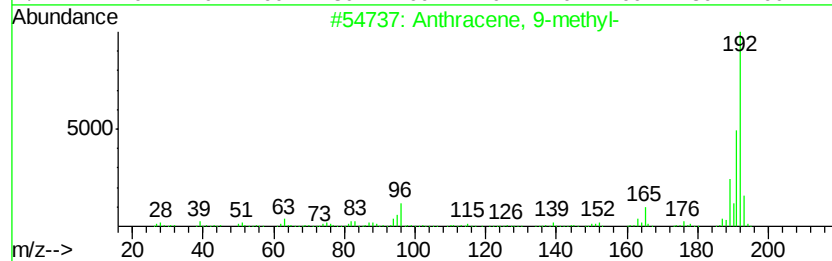
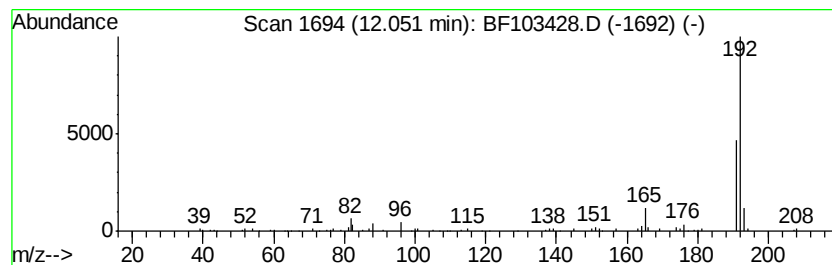
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.89 ng	181140	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



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Data File : BF103428.D
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ClientSampleId :
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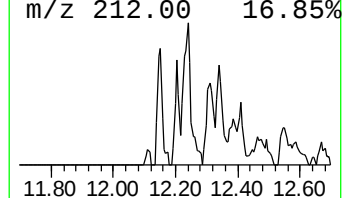
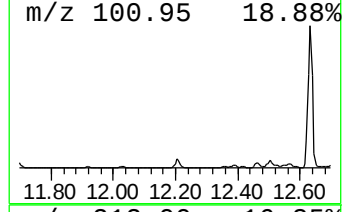
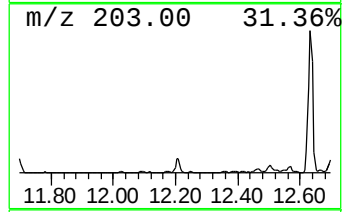
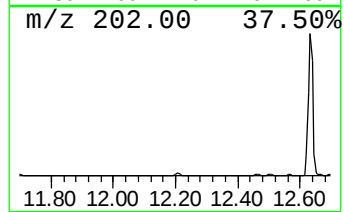
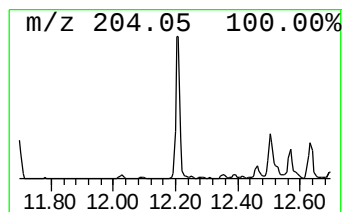
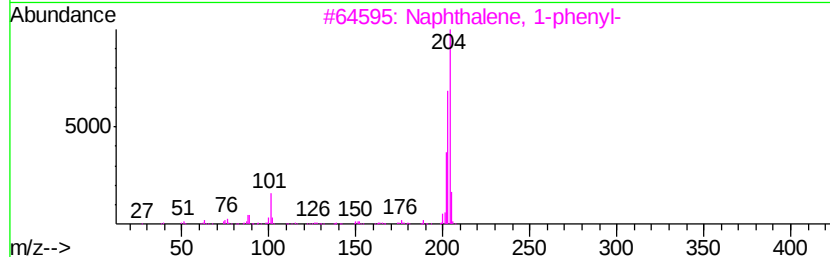
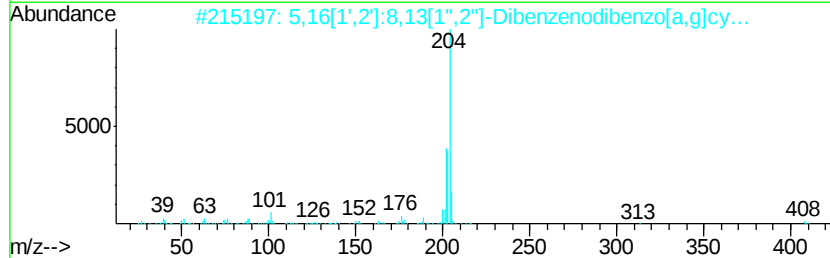
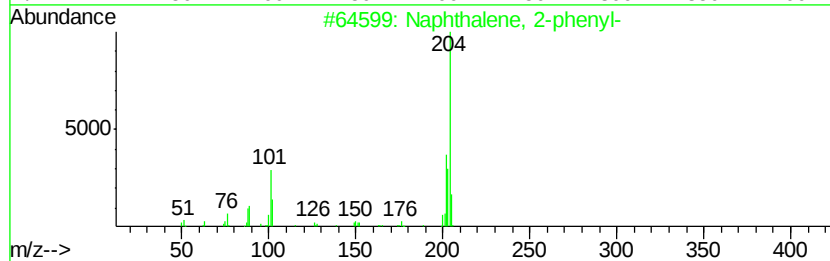
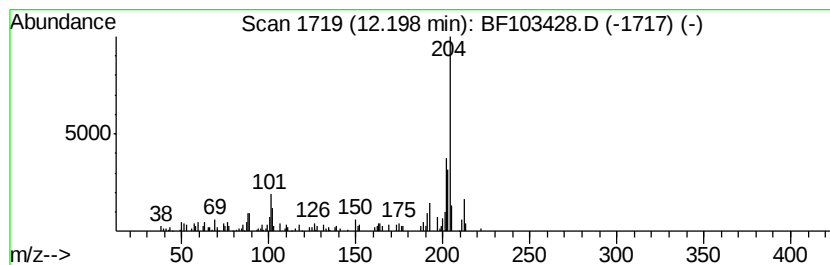
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.89 ng	143889	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52



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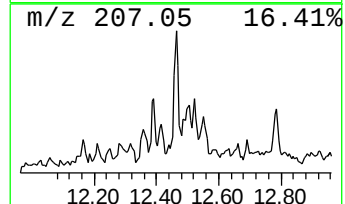
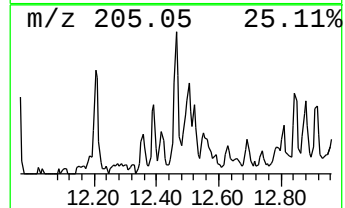
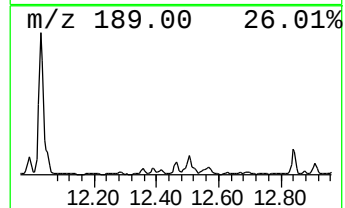
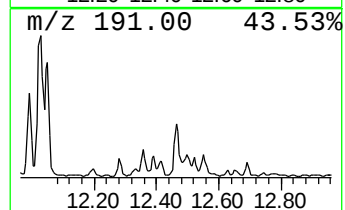
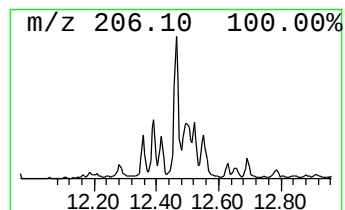
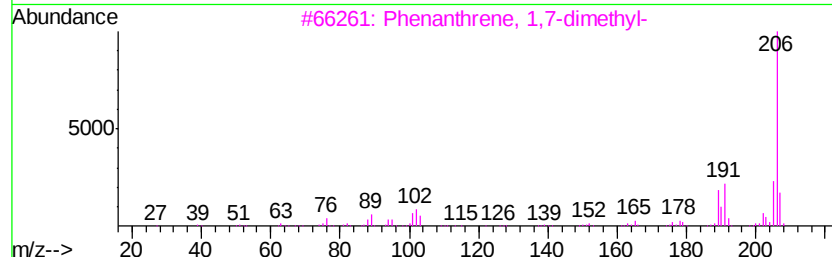
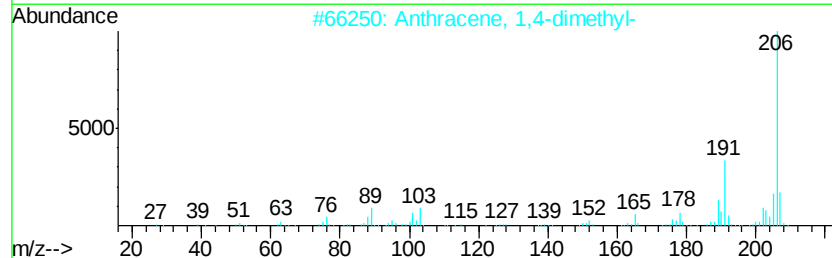
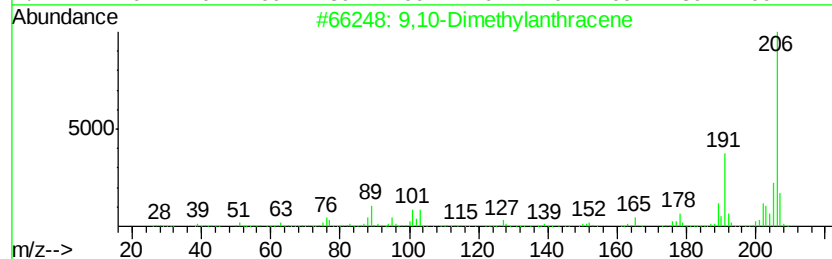
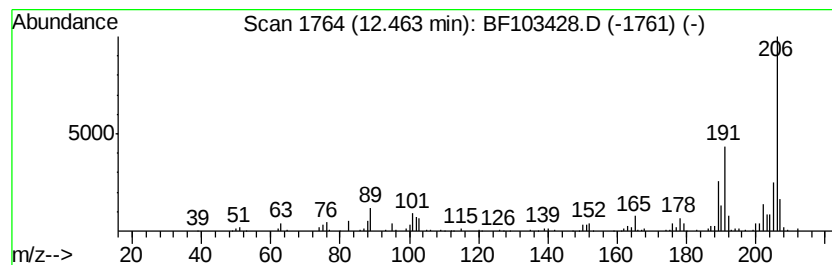
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Dimethylantracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	5.74 ng	212463	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	94
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93



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Data File : BF103428.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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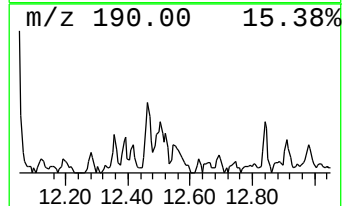
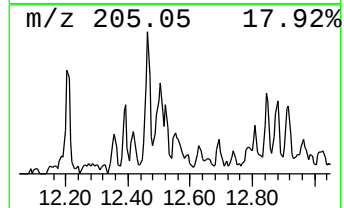
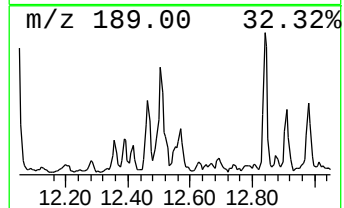
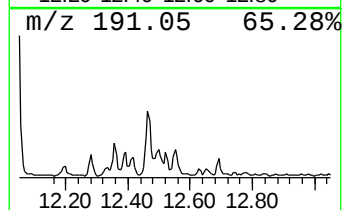
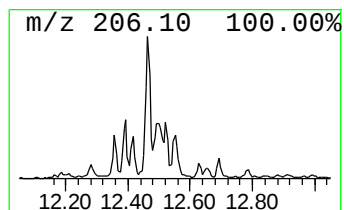
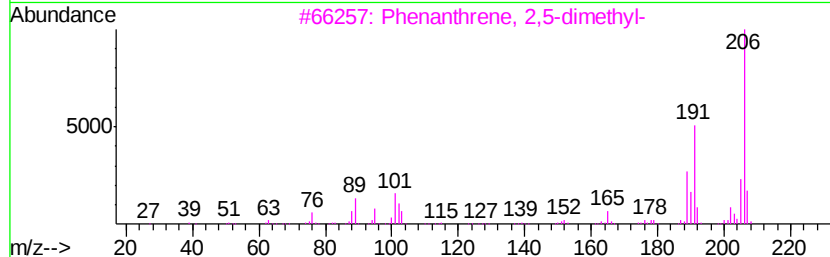
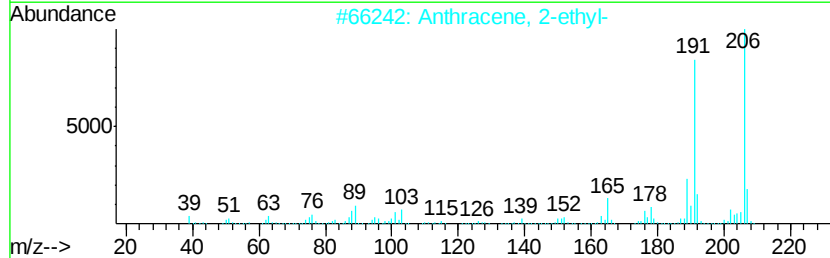
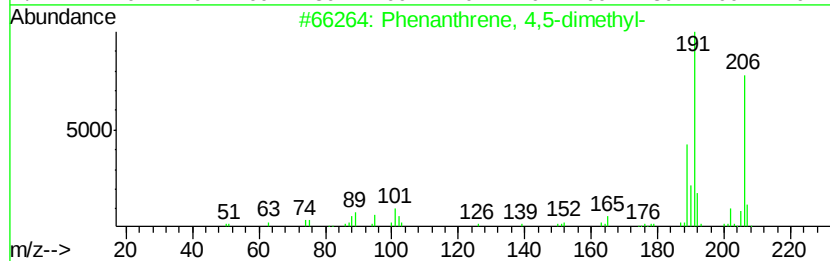
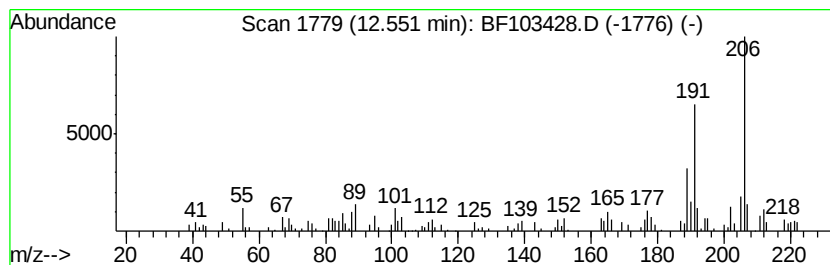
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	3.90 ng	144448	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	97
2			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
3			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



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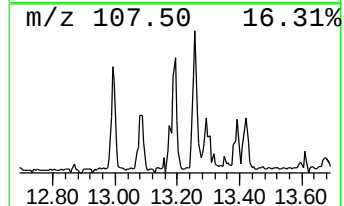
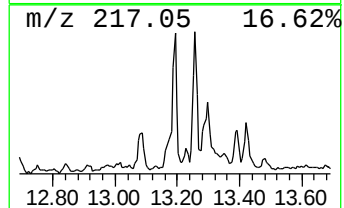
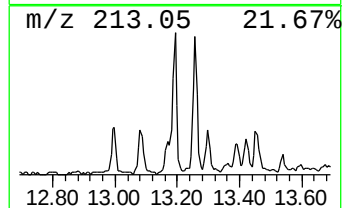
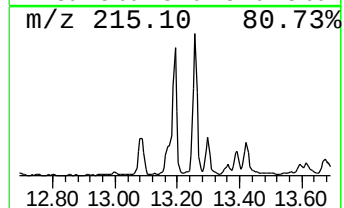
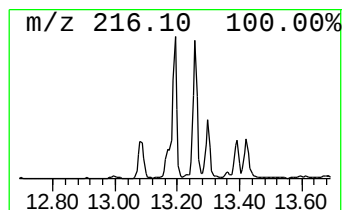
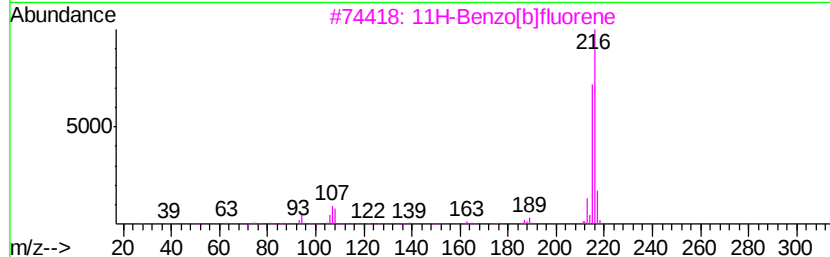
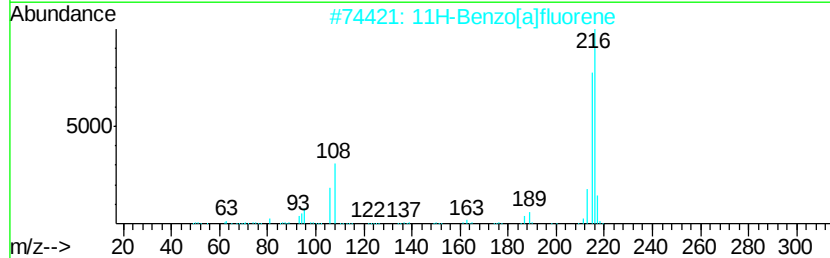
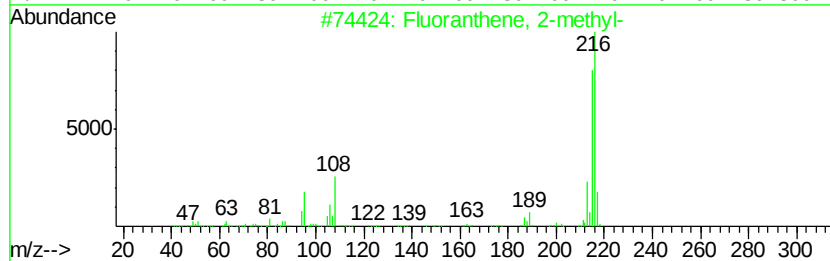
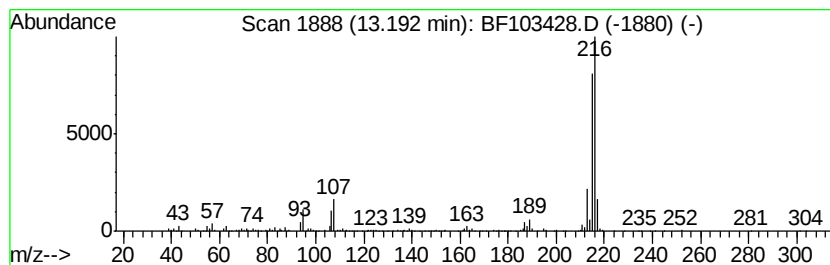
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.19	9.38 ng	556130	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pvrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



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ALS Vial : 16 Sample Multiplier: 1

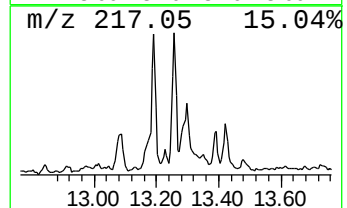
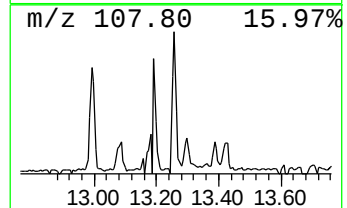
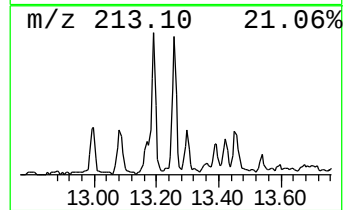
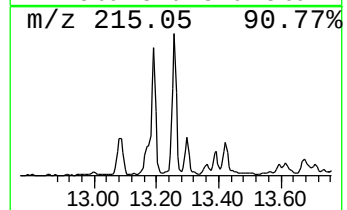
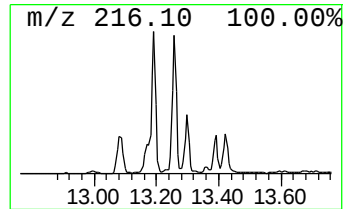
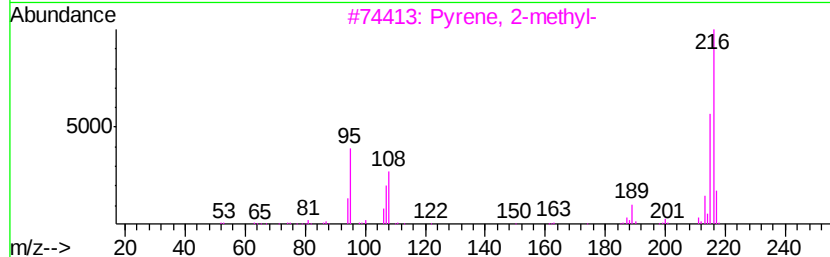
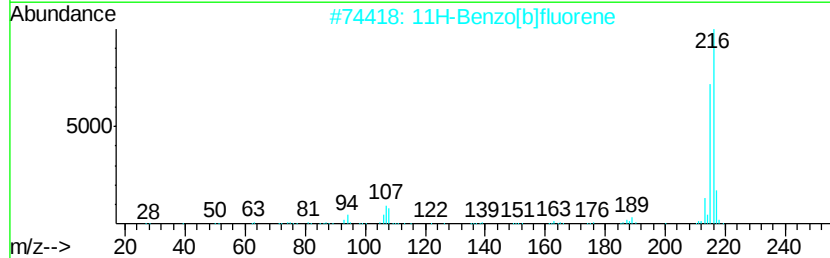
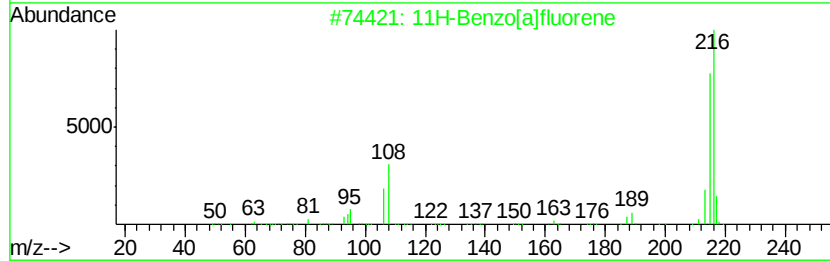
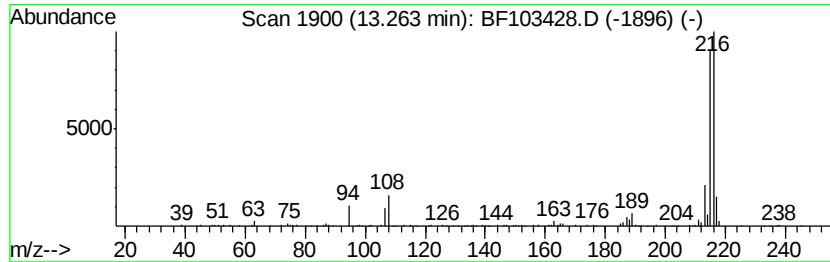
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.42 ng	262302	Chrysene-d12	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pvrene, 2-methyl-	216 C17H12	003442-78-2 90
4		Pvrene, 1-methyl-	216 C17H12	002381-21-7 87
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103428.D
Acq On : 6 Mar 2018 00:01
Operator : SJ/JU
Sample : J1778-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

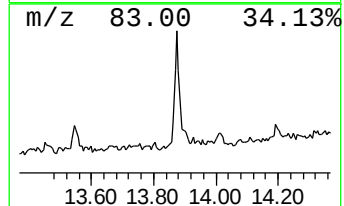
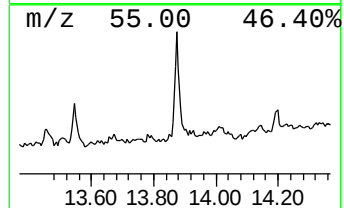
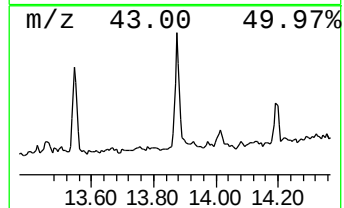
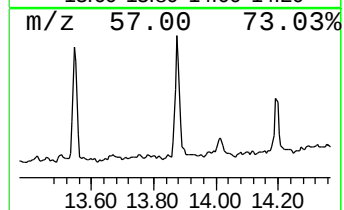
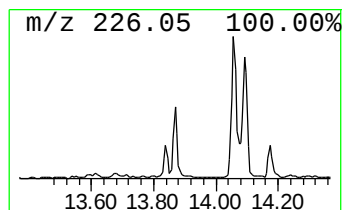
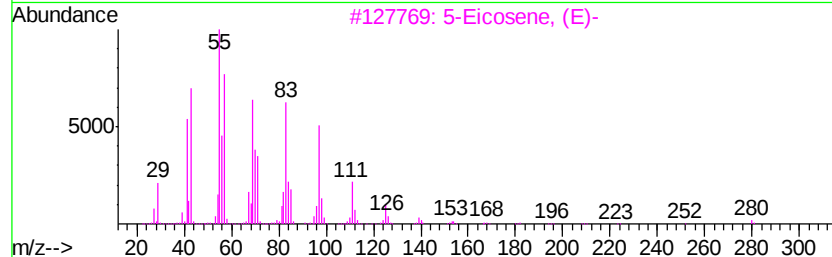
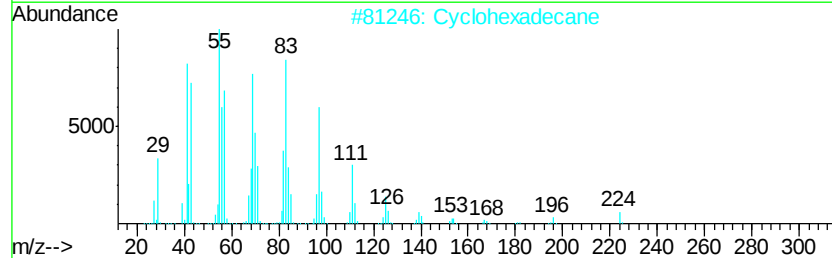
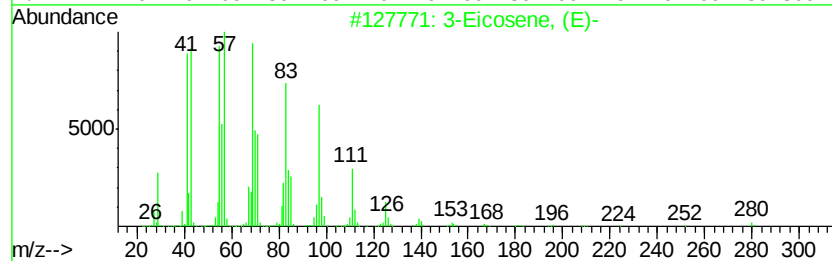
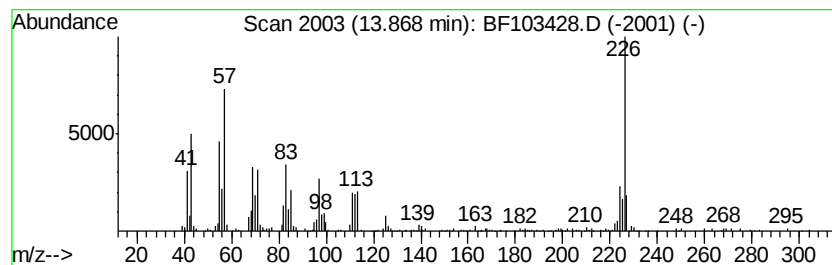
Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	6.95 ng	412434	Chrysene-d12	14.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103428.D
Acq On : 6 Mar 2018 00:01
Operator : SJ/JU
Sample : J1778-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

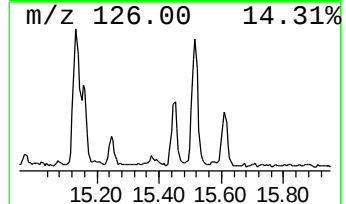
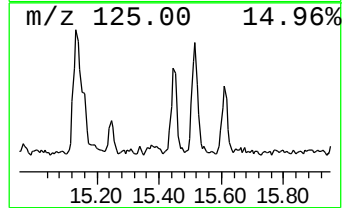
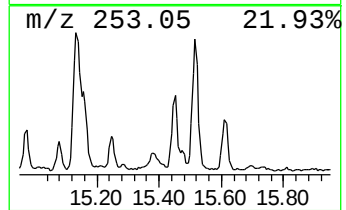
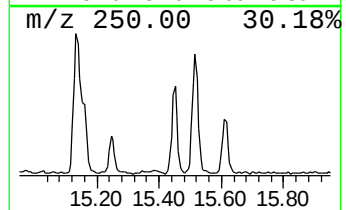
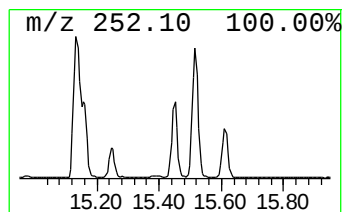
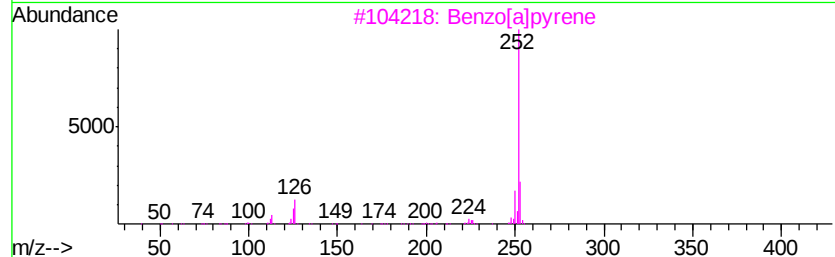
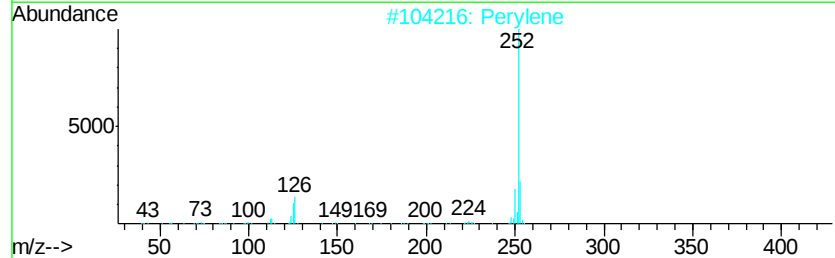
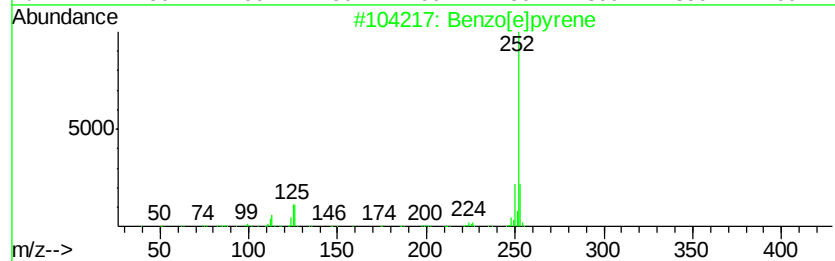
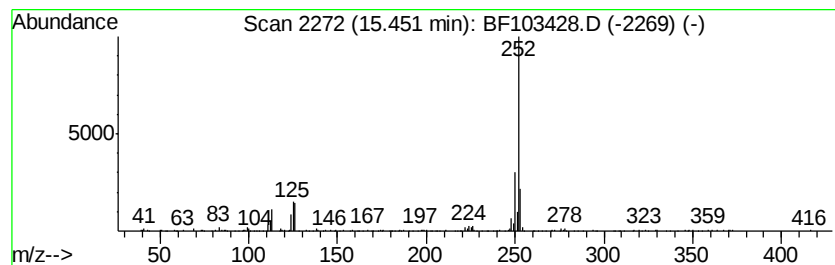
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	9.56 ng	171165	Perylene-d12	15.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103428.D
 Acq On : 6 Mar 2018 00:01
 Operator : SJ/JU
 Sample : J1778-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.12	5.8 ng		224351	1	6.87	777609	20.0
unknown6.65	6.65	73.4 ng		2853430	1	6.87	777609	20.0
Naphthalene, 1-me...	8.97	8.1 ng		420866	2	8.16	1035930	20.0
Vanillin	9.39	4.6 ng		212389	3	9.92	928175	20.0
Naphthalene, 1,5-...	9.50	5.1 ng		236630	3	9.92	928175	20.0
Naphthalene, 2,3-...	9.57	6.0 ng		278195	3	9.92	928175	20.0
Tributyl phosphate	10.53	3.9 ng		182352	3	9.92	928175	20.0
9H-Fluorene, 2-me...	11.02	4.8 ng		177157	4	11.41	740386	20.0
Naphtho[2,1-b]thi...	11.30	4.9 ng		181739	4	11.41	740386	20.0
Phthalic acid, 8-...	11.56	6.8 ng		251134	4	11.41	740386	20.0
4H-Cyclopenta[def...	12.03	14.7 ng		543788	4	11.41	740386	20.0
Anthracene, 9-met...	12.05	4.9 ng		181140	4	11.41	740386	20.0
Naphthalene, 2-ph...	12.20	3.9 ng		143889	4	11.41	740386	20.0
9,10-Dimethylantr...	12.46	5.7 ng		212463	4	11.41	740386	20.0
Phenanthrene, 4,5...	12.55	3.9 ng		144448	4	11.41	740386	20.0
Fluoranthene, 2-m...	13.19	9.4 ng		556130	5	14.07	1186030	20.0
11H-Benzo[a]fluorene	13.26	4.4 ng		262302	5	14.07	1186030	20.0
3-Eicosene, (E)-	13.87	7.0 ng		412434	5	14.07	1186030	20.0
Benzo[e]pyrene	15.45	9.6 ng		171165	6	15.58	358007	20.0