

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022019\
 Data File : BF112639.D
 Acq On : 20 Feb 2019 13:57
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	570	573	594	rBV	473961	694884	24.42%	2.052%
2	6.475	743	746	763	rBV	287585	472984	16.62%	1.397%
3	6.598	763	767	778	rVV	1596968	1567119	55.07%	4.628%
4	6.769	791	796	799	rVB	75308	71311	2.51%	0.211%
5	6.822	801	805	814	rVV	425691	424670	14.92%	1.254%
6	6.975	827	831	843	rBV	1895473	1824012	64.10%	5.386%
7	7.063	843	846	850	rBV	151903	133541	4.69%	0.394%
8	7.351	890	895	897	rBV	128441	120758	4.24%	0.357%
9	7.387	897	901	910	rVV2	1579478	1551488	54.52%	4.582%
10	7.457	910	913	918	rVB2	109224	104136	3.66%	0.308%
11	7.504	918	921	923	rBV	63894	53703	1.89%	0.159%
12	7.698	951	954	958	rVV	72321	68985	2.42%	0.204%
13	7.745	958	962	965	rVV	245667	221899	7.80%	0.655%
14	7.775	965	967	972	rVB2	101550	141324	4.97%	0.417%
15	7.839	972	978	981	rBV3	57078	63049	2.22%	0.186%
16	7.910	986	990	993	rBV2	76005	81555	2.87%	0.241%
17	7.969	997	1000	1003	rVB	109447	99897	3.51%	0.295%
18	8.045	1007	1013	1014	rBV	77080	93467	3.28%	0.276%
19	8.086	1014	1020	1021	rVV2	405762	657774	23.11%	1.942%
20	8.104	1021	1023	1025	rVV	572418	587042	20.63%	1.734%
21	8.122	1025	1026	1028	rVV	344473	252052	8.86%	0.744%
22	8.145	1028	1030	1033	rVV	551065	450895	15.84%	1.332%
23	8.186	1033	1037	1041	rVB2	159910	186141	6.54%	0.550%
24	8.222	1041	1043	1046	rBV	58595	55101	1.94%	0.163%
25	8.298	1050	1056	1060	rBV	704446	655440	23.03%	1.936%
26	8.345	1060	1064	1067	rBV	482155	441254	15.51%	1.303%
27	8.375	1067	1069	1071	rBV	96105	82467	2.90%	0.244%
28	8.422	1075	1077	1081	rVB	72041	65734	2.31%	0.194%
29	8.481	1084	1087	1092	rBV	262258	272428	9.57%	0.804%
30	8.534	1092	1096	1100	rBV3	93221	119489	4.20%	0.353%
31	8.575	1100	1103	1104	rBV2	68712	64859	2.28%	0.192%
32	8.604	1104	1108	1113	rVV	1484248	1269045	44.59%	3.748%
33	8.645	1113	1115	1116	rVV	76933	57814	2.03%	0.171%
34	8.686	1120	1122	1126	rBV2	156143	196999	6.92%	0.582%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.728	1126	1129	1133	rVB	157806	174965	6.15%	0.517%
36	8.792	1138	1140	1143	rVB2	107504	92549	3.25%	0.273%
37	8.845	1147	1149	1152	rVB	54461	48651	1.71%	0.144%
38	8.898	1152	1158	1159	rBV2	101435	99758	3.51%	0.295%
39	8.922	1159	1162	1164	rVV	610157	543164	19.09%	1.604%
40	8.945	1164	1166	1171	rVB3	216134	304124	10.69%	0.898%
41	9.004	1171	1176	1177	rBV4	101735	141296	4.97%	0.417%
42	9.039	1180	1182	1184	rVV	161096	129208	4.54%	0.382%
43	9.063	1184	1186	1191	rVB2	157025	153548	5.40%	0.453%
44	9.110	1191	1194	1196	rBV	119526	115647	4.06%	0.342%
45	9.133	1196	1198	1201	rVV	137409	137651	4.84%	0.406%
46	9.175	1201	1205	1209	rVV	3197498	2845714	100.00%	8.404%
47	9.281	1219	1223	1228	rBV2	253352	311707	10.95%	0.920%
48	9.328	1228	1231	1233	rVV	215360	212032	7.45%	0.626%
49	9.351	1233	1235	1238	rVV2	141006	130606	4.59%	0.386%
50	9.386	1238	1241	1246	rVB	161321	154289	5.42%	0.456%
51	9.445	1246	1251	1255	rBV4	64196	92497	3.25%	0.273%
52	9.528	1259	1265	1270	rVV5	92996	186448	6.55%	0.551%
53	9.569	1270	1272	1275	rVV2	115837	111151	3.91%	0.328%
54	9.604	1275	1278	1279	rVV	58295	56516	1.99%	0.167%
55	9.633	1281	1283	1287	rVB2	62475	65266	2.29%	0.193%
56	9.728	1294	1299	1301	rBV3	72674	81259	2.86%	0.240%
57	9.857	1315	1321	1325	rBV2	961945	1027118	36.09%	3.033%
58	9.892	1325	1327	1329	rVV2	100794	100993	3.55%	0.298%
59	9.939	1333	1335	1342	rVB4	74850	155274	5.46%	0.459%
60	10.010	1342	1347	1352	rBV3	84427	128042	4.50%	0.378%
61	10.063	1352	1356	1360	rVV	212916	219619	7.72%	0.649%
62	10.098	1360	1362	1366	rVB3	70391	69137	2.43%	0.204%
63	10.169	1370	1374	1378	rBV2	107817	125336	4.40%	0.370%
64	10.233	1381	1385	1389	rBV2	119761	130129	4.57%	0.384%
65	10.298	1392	1396	1398	rVV3	56188	68420	2.40%	0.202%
66	10.328	1398	1401	1402	rVV2	59208	67333	2.37%	0.199%
67	10.357	1404	1406	1411	rVB2	124503	117632	4.13%	0.347%
68	10.404	1411	1414	1421	rVB	455912	448279	15.75%	1.324%
69	10.469	1421	1425	1428	rBV	446092	427644	15.03%	1.263%
70	10.498	1428	1430	1434	rVV	336240	286945	10.08%	0.847%
71	10.545	1434	1438	1444	rVB3	552483	589833	20.73%	1.742%

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72	10.598	1444	1447	1450	rBV2	98851	91545	3.22%	0.270%
73	10.651	1453	1456	1462	rVV	1484118	1526790	53.65%	4.509%
74	10.827	1483	1486	1490	rVV4	48922	60939	2.14%	0.180%
75	10.869	1490	1493	1500	rVB4	62388	105043	3.69%	0.310%
76	10.980	1510	1512	1515	rBV2	251682	242828	8.53%	0.717%
77	11.198	1546	1549	1552	rBV4	54565	70996	2.49%	0.210%
78	11.245	1554	1557	1560	rVB	127892	123852	4.35%	0.366%
79	11.345	1568	1574	1581	rBV	746058	741150	26.04%	2.189%
80	11.463	1590	1594	1599	rVB	106293	128557	4.52%	0.380%
81	11.657	1624	1627	1629	rBV2	50606	51616	1.81%	0.152%
82	11.716	1634	1637	1642	rVB2	206244	230766	8.11%	0.681%
83	11.798	1649	1651	1656	rVB	53791	59421	2.09%	0.175%
84	11.869	1657	1663	1670	rBV	668338	787808	27.68%	2.326%
85	12.092	1697	1701	1709	rVB	107906	111437	3.92%	0.329%
86	12.245	1722	1727	1730	rBV	175752	192315	6.76%	0.568%
87	12.280	1730	1733	1737	rVV	141242	143584	5.05%	0.424%
88	12.569	1777	1782	1786	rBV7	27395	48752	1.71%	0.144%
89	12.651	1792	1796	1808	rBV	820260	946577	33.26%	2.795%
90	12.927	1838	1843	1846	rBV	3063125	2592141	91.09%	7.655%
91	13.816	1990	1994	2001	rBV	109287	171253	6.02%	0.506%
92	13.992	2021	2024	2031	rBV	580248	566483	19.91%	1.673%
93	14.127	2043	2047	2051	rBV	76350	70921	2.49%	0.209%
94	14.427	2095	2098	2102	rBV	115808	108182	3.80%	0.319%
95	14.727	2145	2149	2154	rBV	145481	159392	5.60%	0.471%
96	15.063	2201	2206	2214	rBV2	153480	200678	7.05%	0.593%
97	15.433	2264	2269	2271	rBV	140491	181263	6.37%	0.535%
98	15.468	2271	2275	2283	rVB2	360744	500376	17.58%	1.478%
99	15.857	2336	2341	2347	rVB	108906	167784	5.90%	0.495%
100	16.345	2419	2424	2433	rBV3	67087	127679	4.49%	0.377%

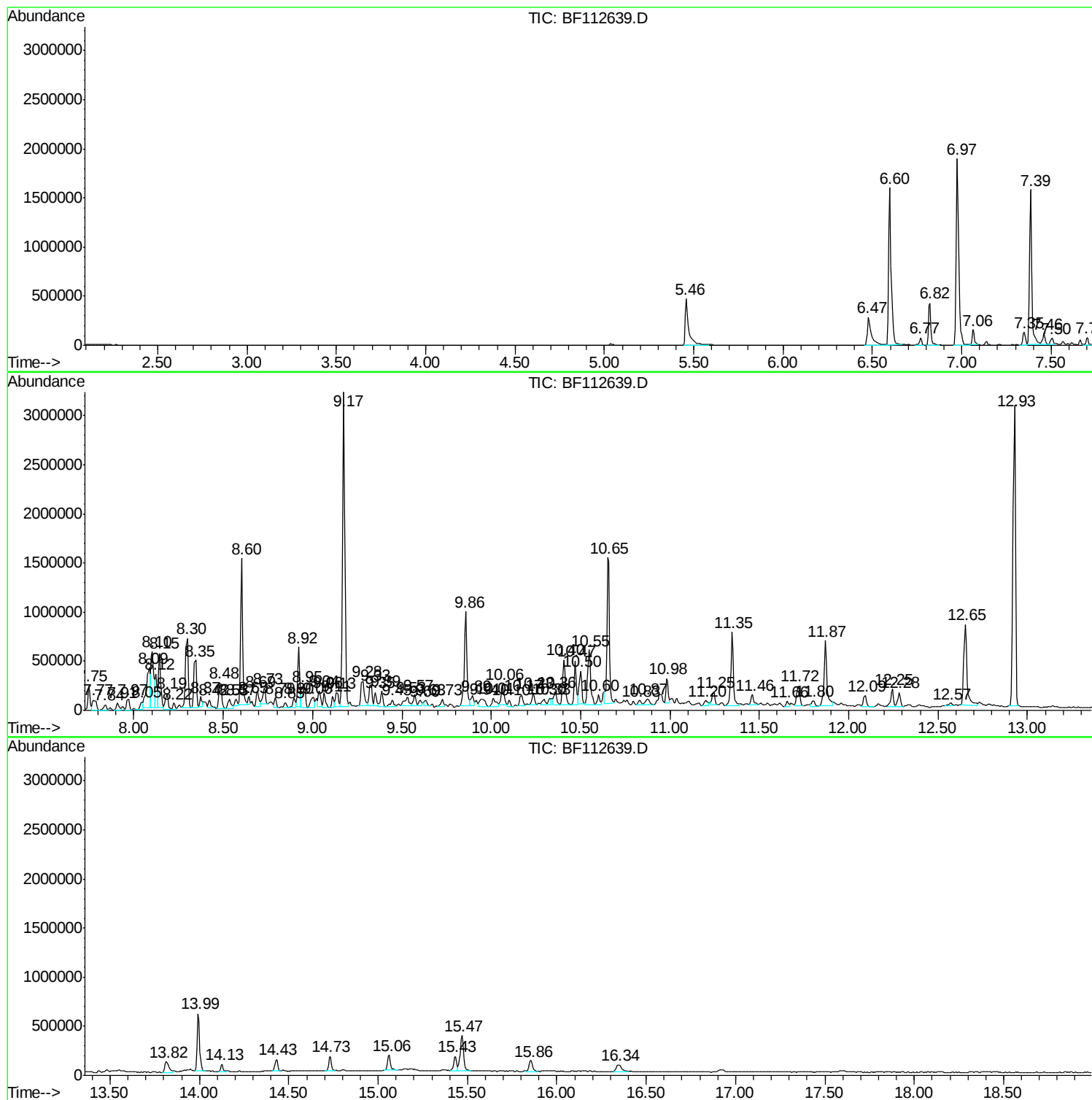
Sum of corrected areas: 33863224

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Instrument :
BNA_F
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MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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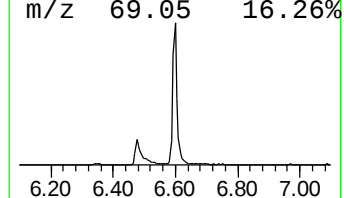
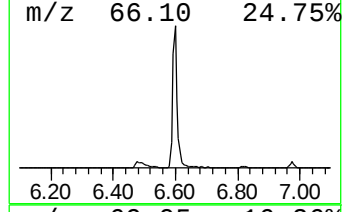
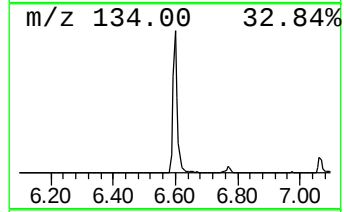
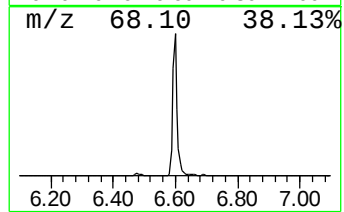
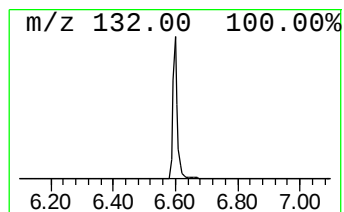
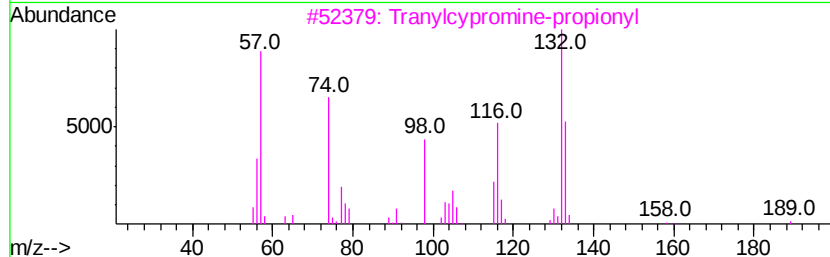
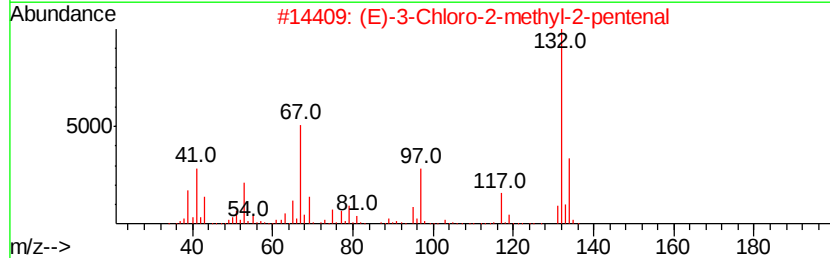
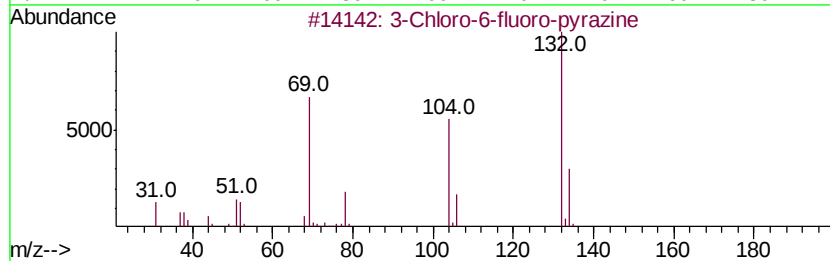
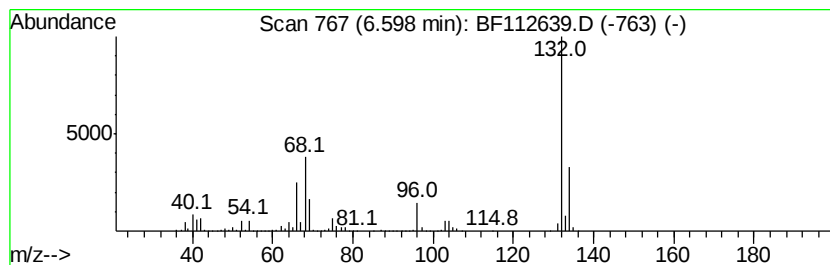
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	73.80 ng	1567120	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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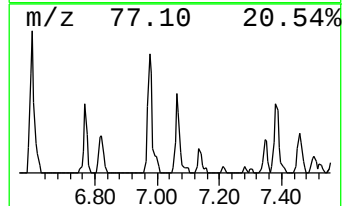
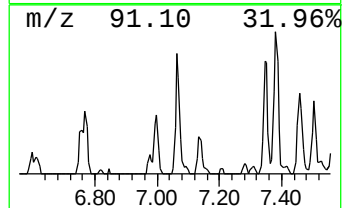
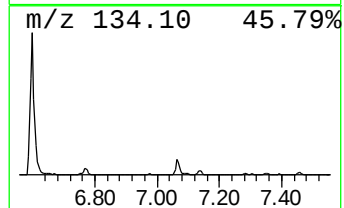
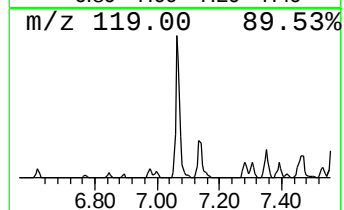
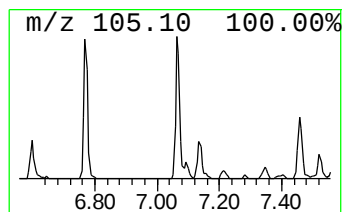
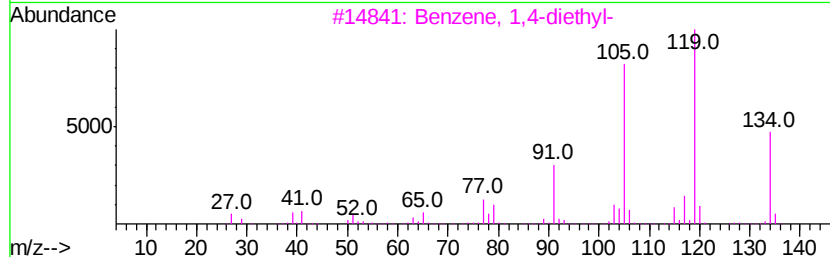
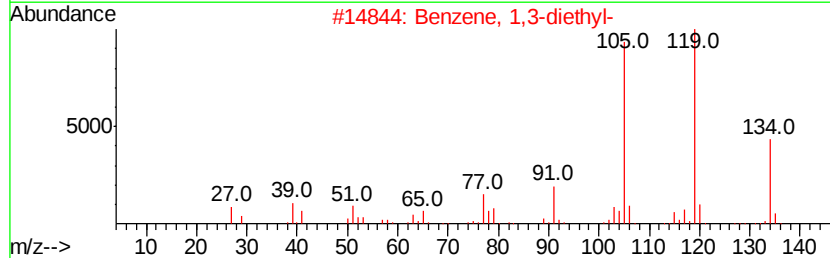
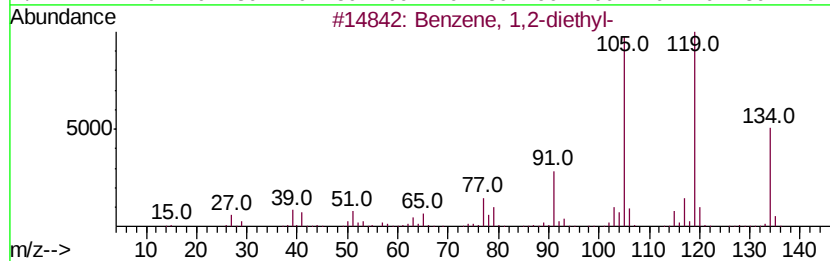
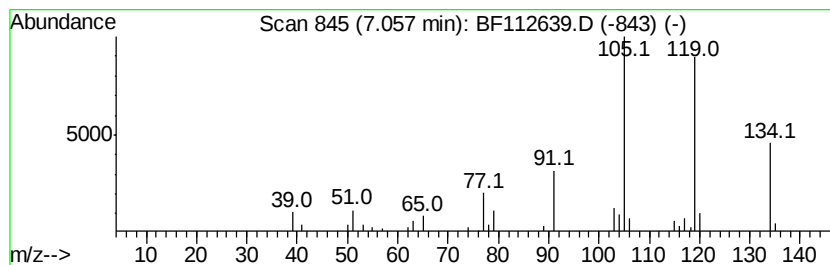
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	6.29 ng	133541	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



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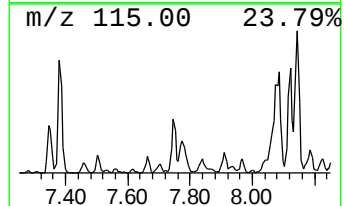
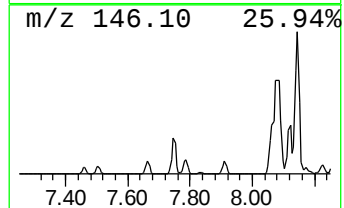
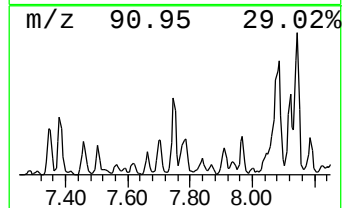
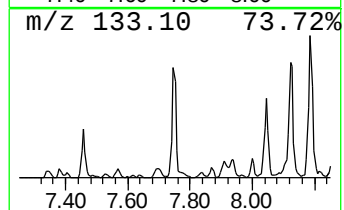
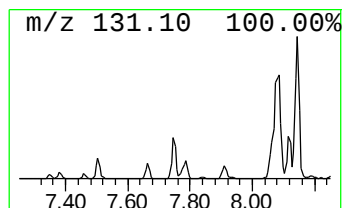
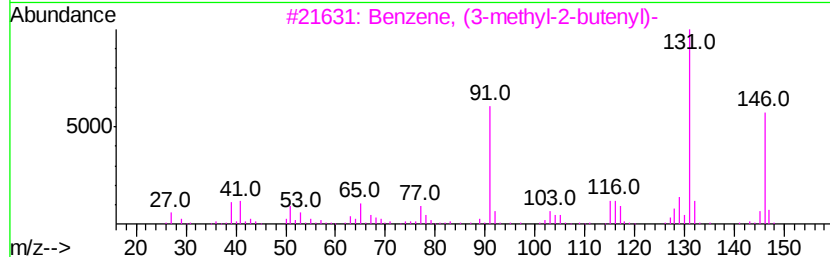
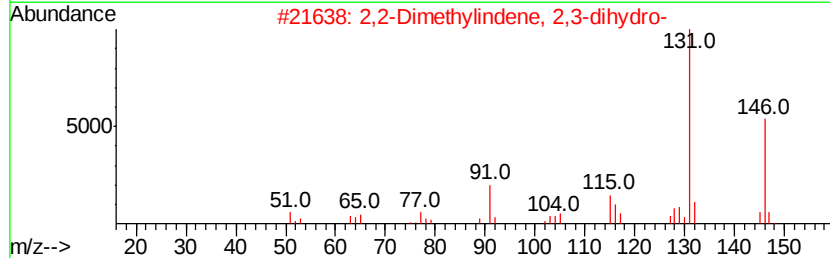
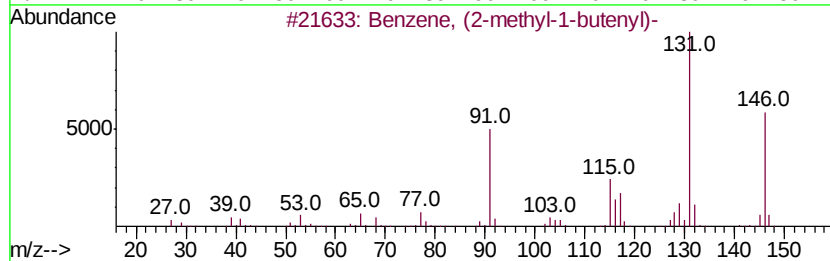
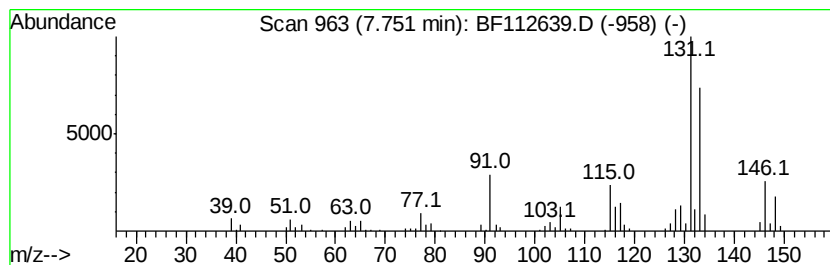
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2,2-Dimethylindene, 2,3-dih... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	7.56 ng	221899	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	89
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86
5		Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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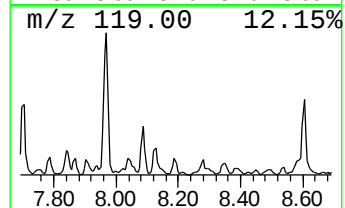
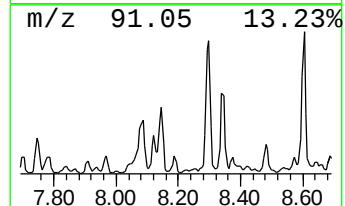
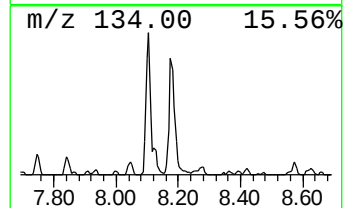
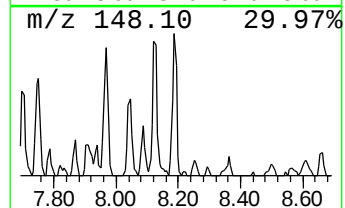
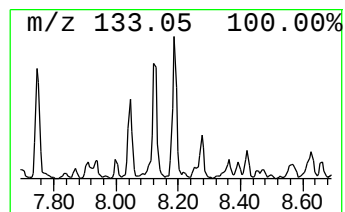
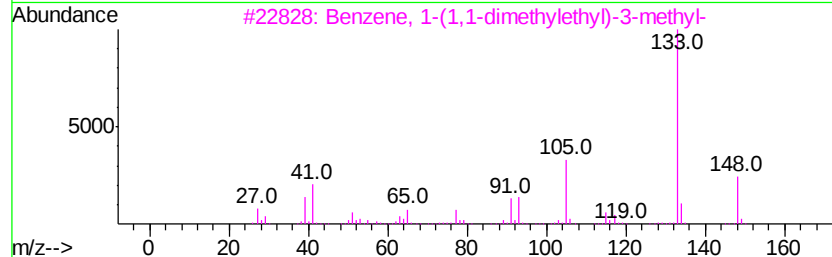
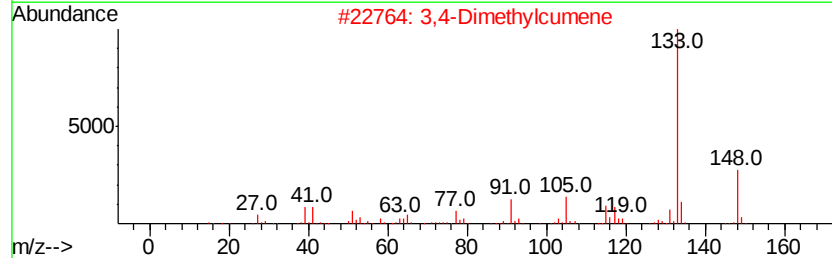
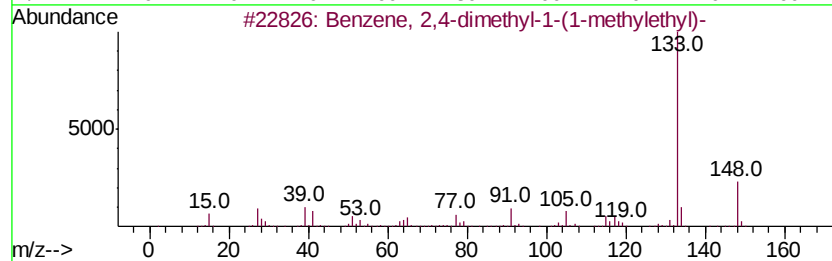
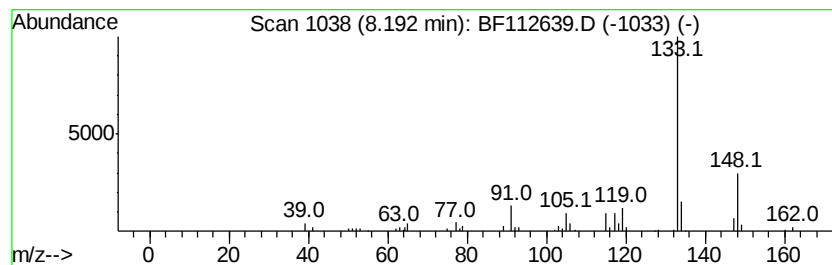
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.34 ng	186141	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-dimethyl-1-(1-methyl-...	148	C11H16	004706-89-2	87
2		3,4-Dimethylcumene	148	C11H16	1000370-34-1	81
3		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	81
4		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	80
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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Sample : K1528-04
Misc :
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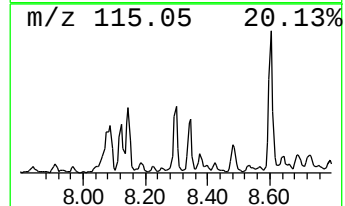
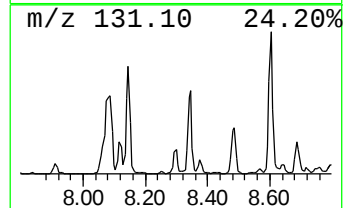
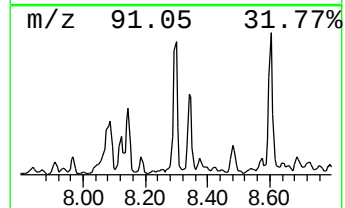
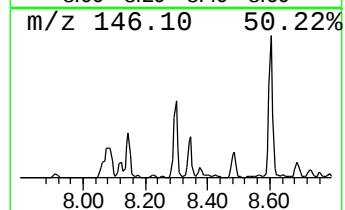
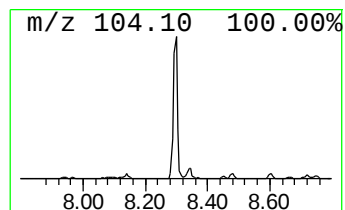
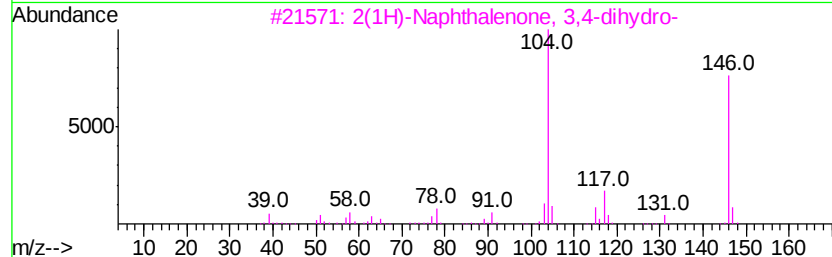
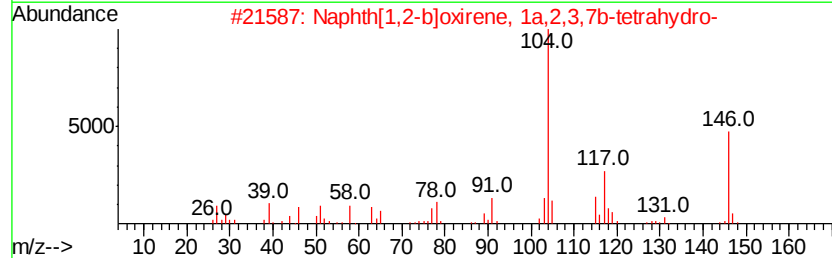
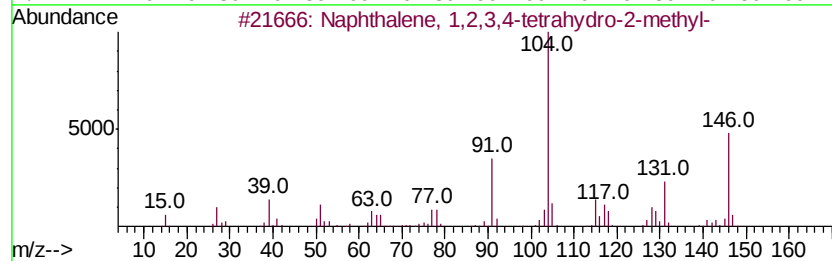
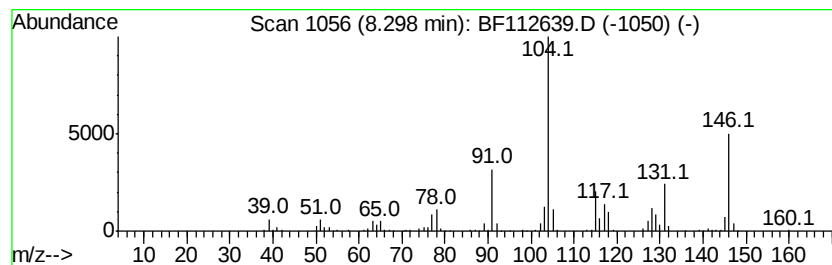
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	22.33 ng	655440	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	003877-19-8 93
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146 C10H10O	002461-34-9 59
3		2(1H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000530-93-8 53
4		2-Propenoic acid, 2-phenylethyl ...	176 C11H12O2	003530-36-7 27
5		3(2H)-Furanone, dihydro-2,2-dime...	190 C12H14O2	063678-00-2 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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ClientSampleId :
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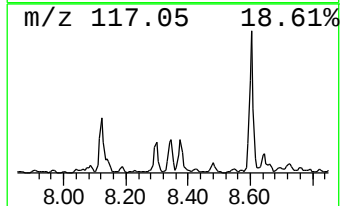
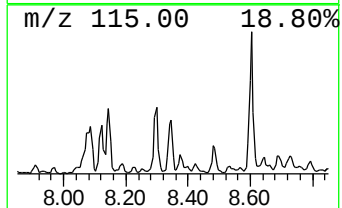
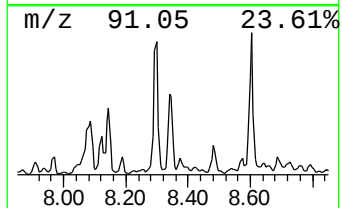
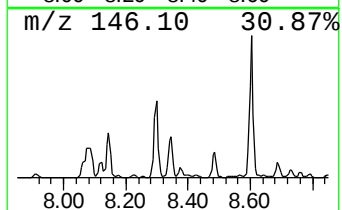
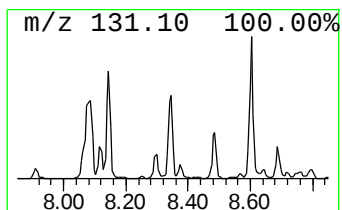
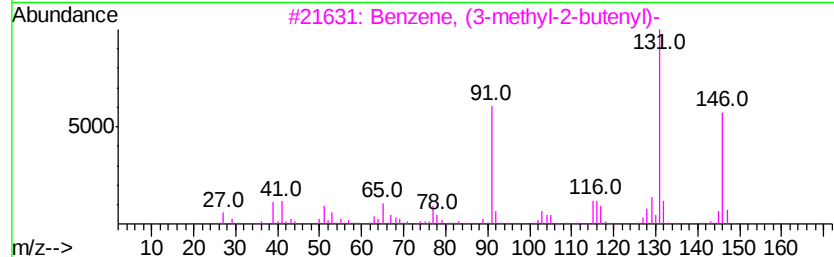
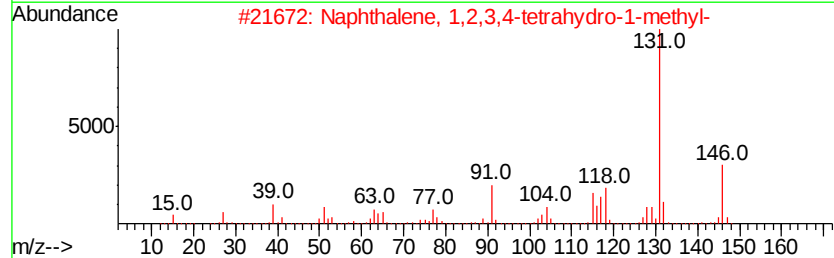
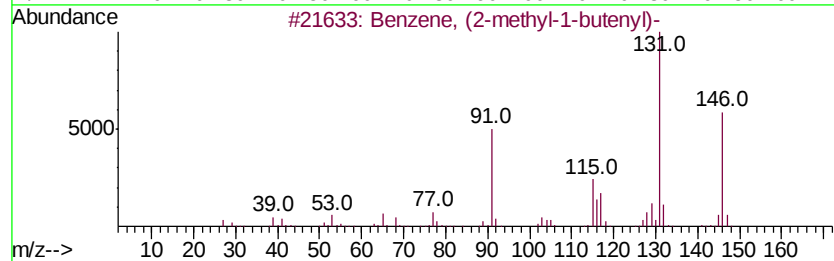
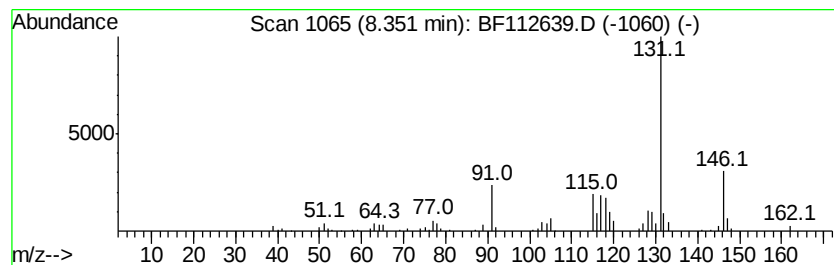
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	15.03 ng	441254	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
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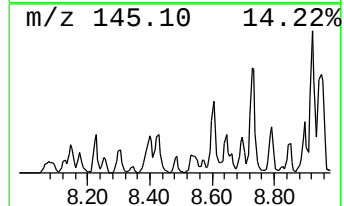
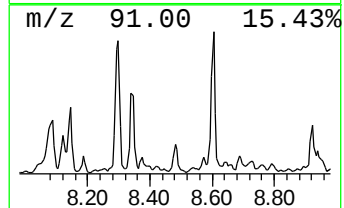
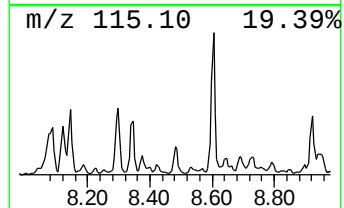
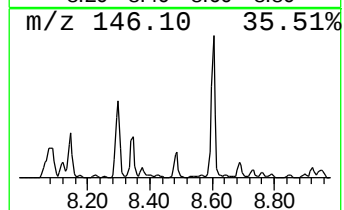
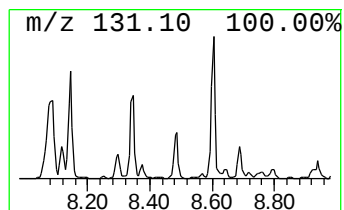
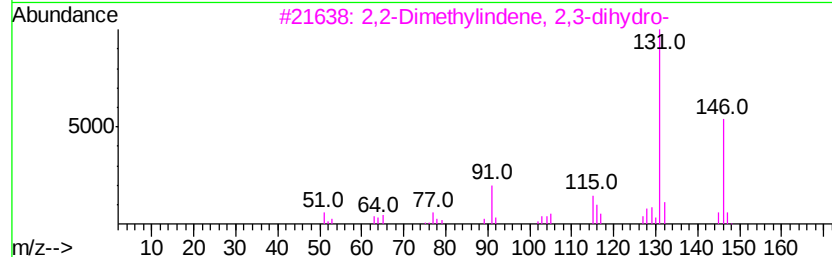
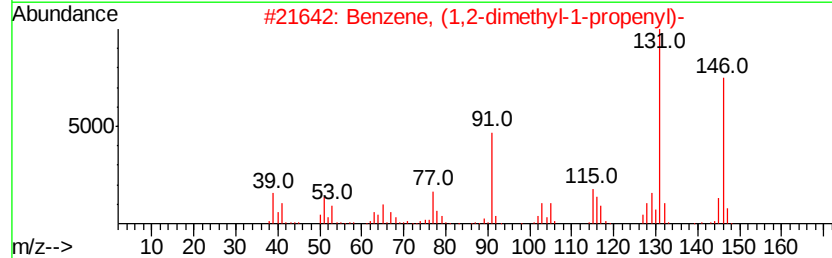
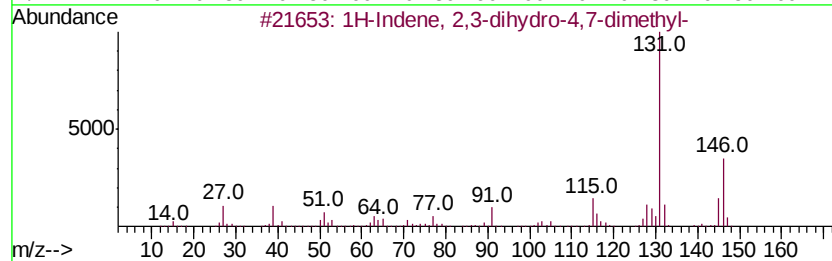
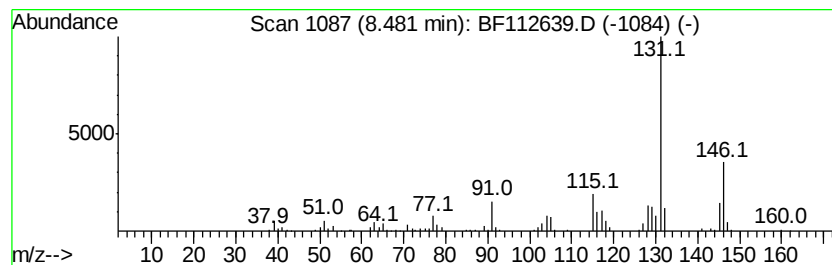
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	9.28 ng	272428	Naphthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-4,7-dimet...	146 C11H14	006682-71-9 95
2		Benzene, (1,2-dimethyl-1-propenyl)-	146 C11H14	000769-57-3 95
3		2,2-Dimethylindene, 2,3-dihydro-	146 C11H14	020836-11-7 94
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146 C11H14	017057-82-8 94
5		1H-Indene, 2,3-dihydro-4,6-dimet...	146 C11H14	001685-82-1 93



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Misc :
ALS Vial : 5 Sample Multiplier: 1

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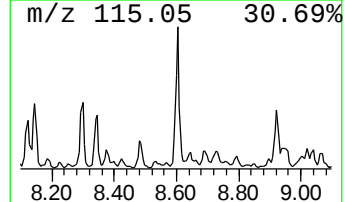
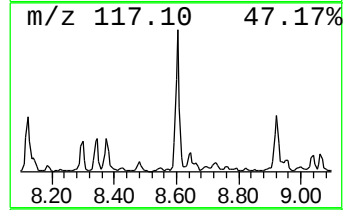
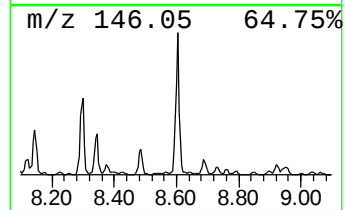
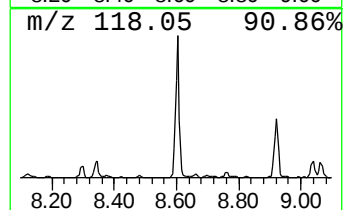
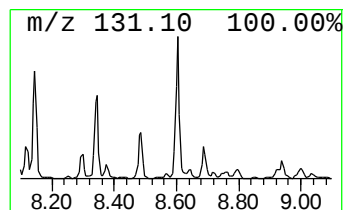
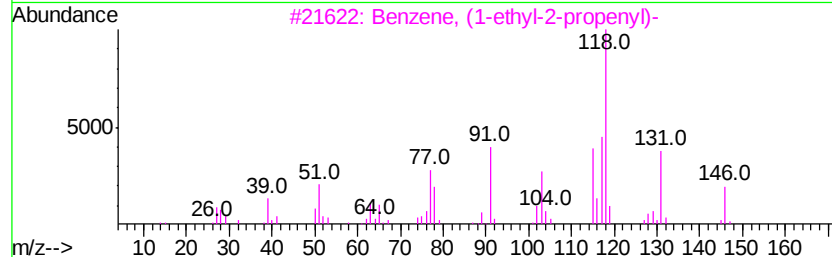
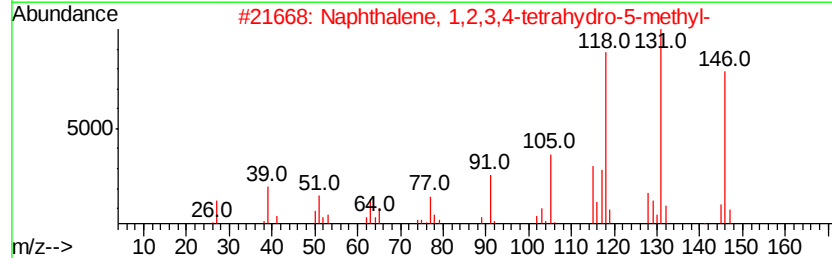
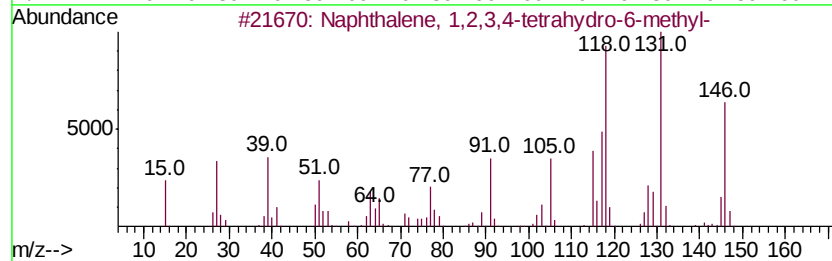
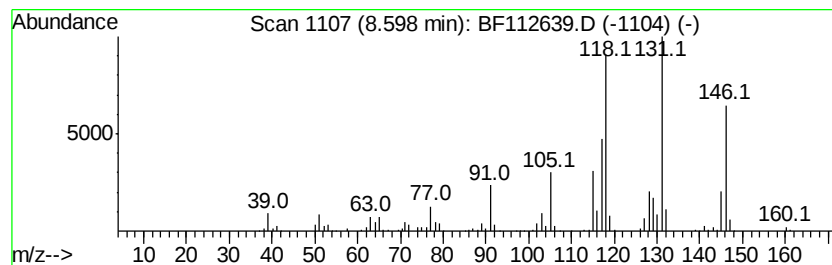
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	43.24 ng	1269050	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	91
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	64
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
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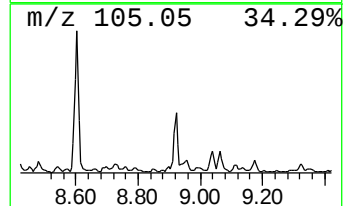
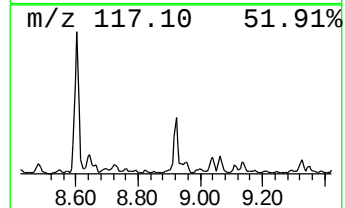
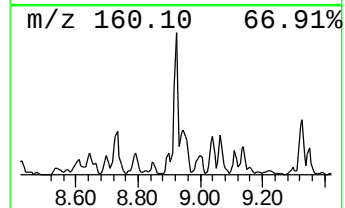
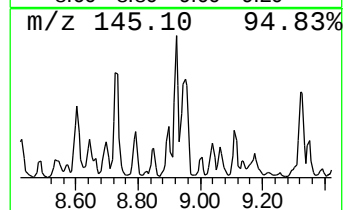
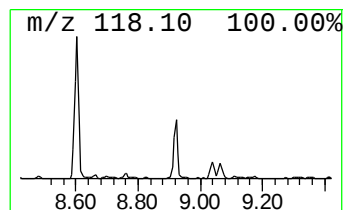
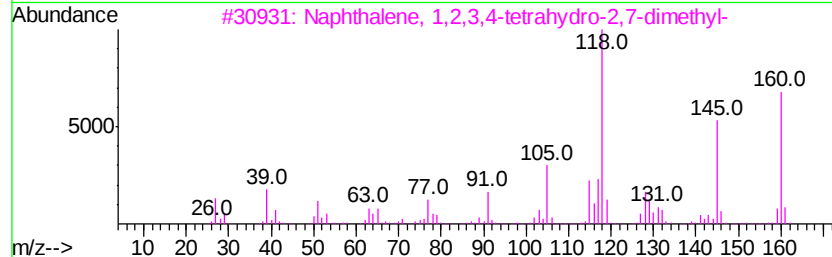
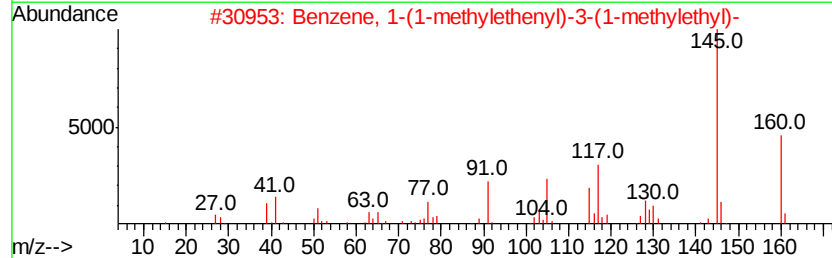
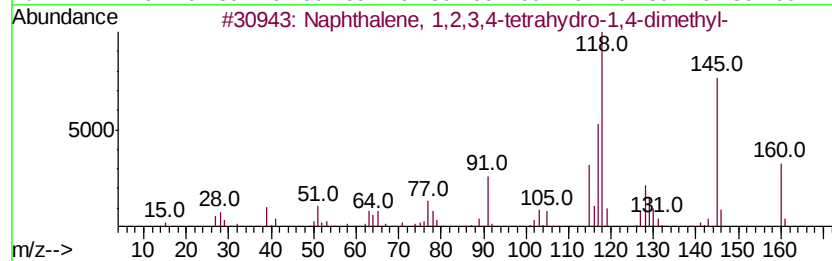
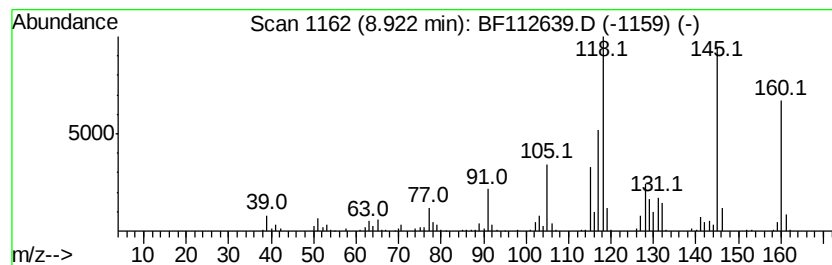
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	18.51 ng	543164	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	98
2		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	64
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58
5		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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Acq On : 20 Feb 2019 13:57
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ALS Vial : 5 Sample Multiplier: 1

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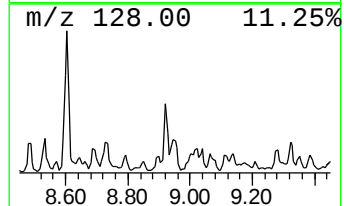
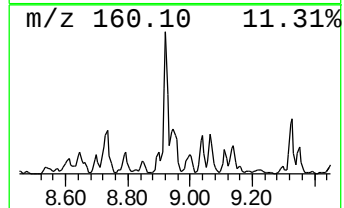
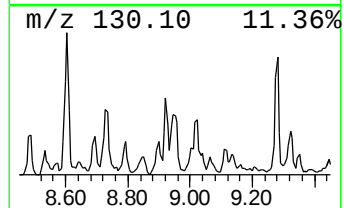
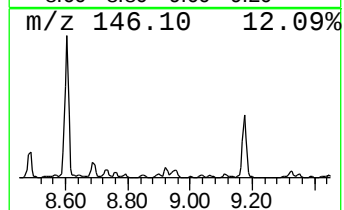
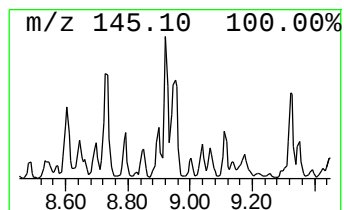
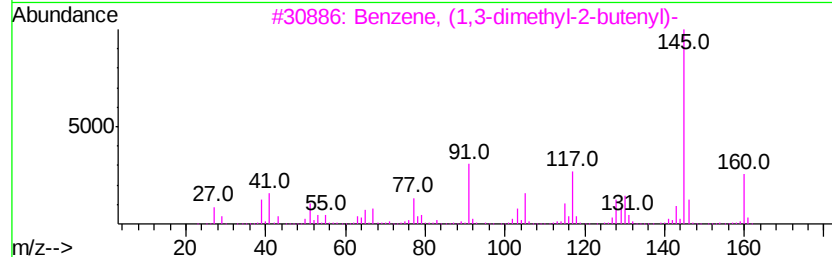
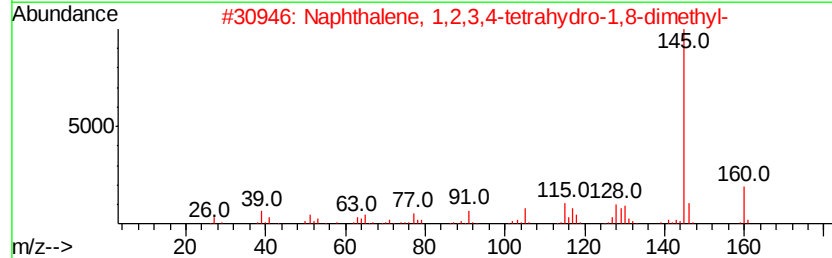
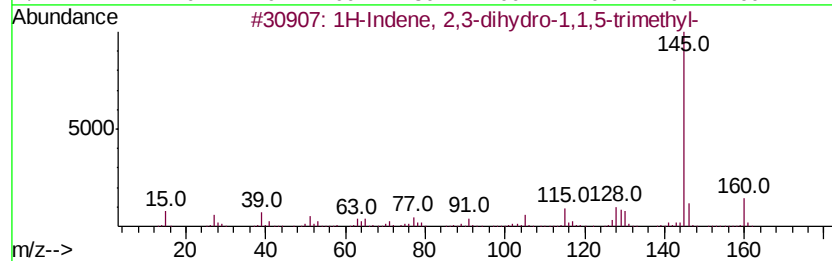
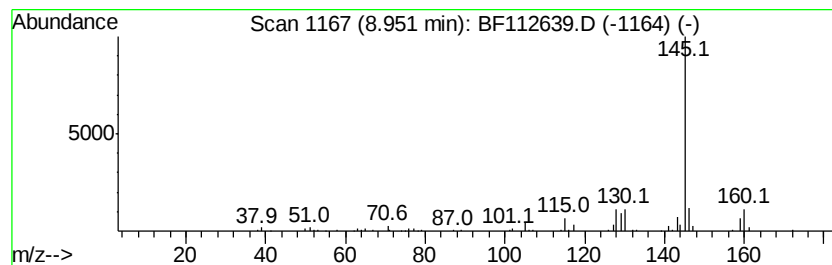
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	10.36 ng	304124	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
3		Benzene, (1,3-dimethyl-2-butenvl)-	160	C12H16	050704-01-3	90
4		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

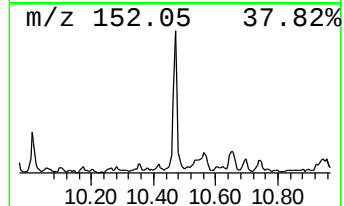
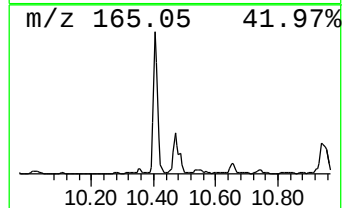
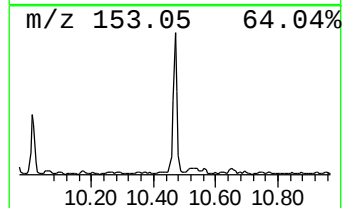
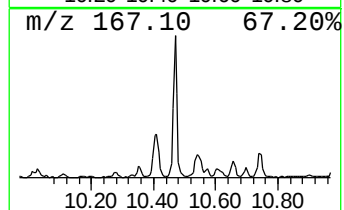
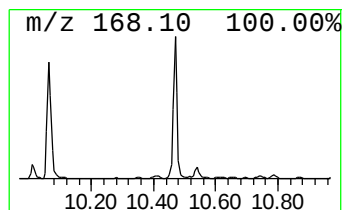
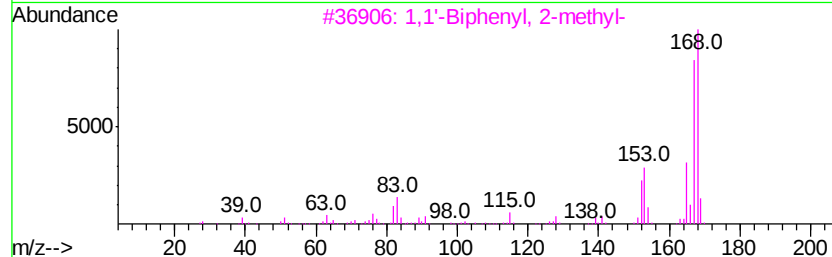
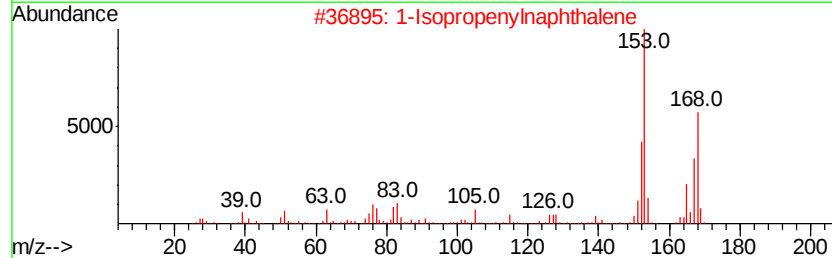
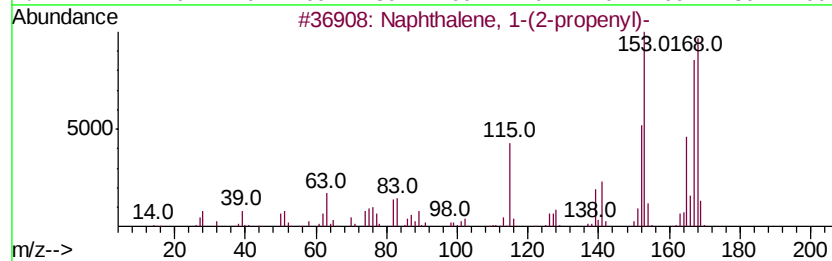
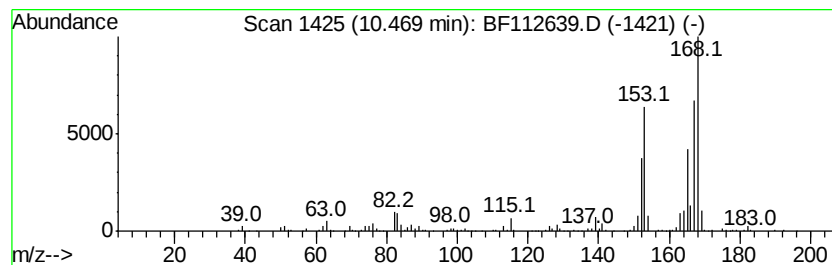
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1-(2-propenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	8.33 ng	427644	Acenaphthene-d10	9.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	90
2			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

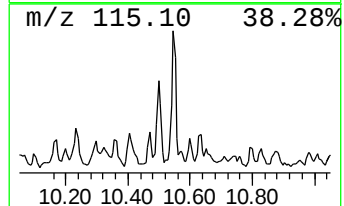
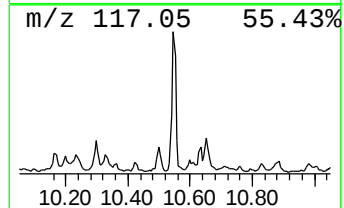
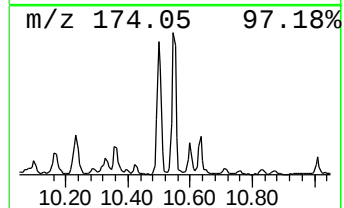
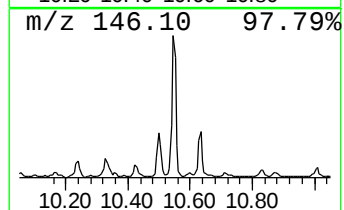
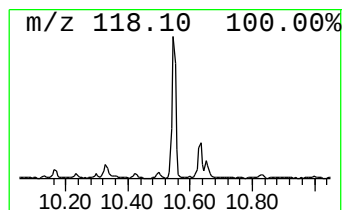
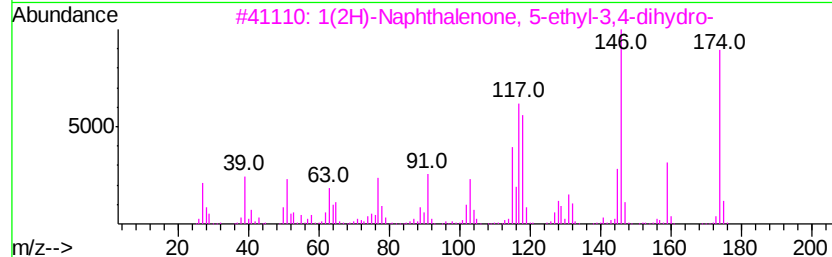
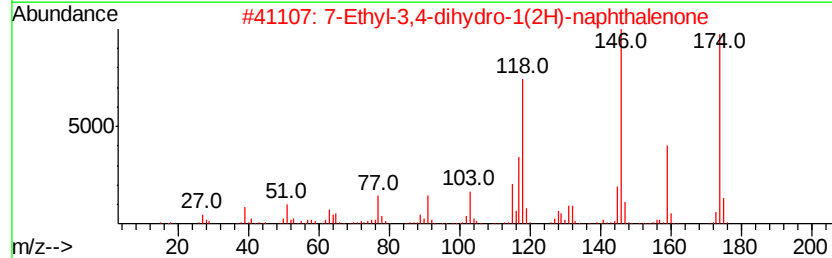
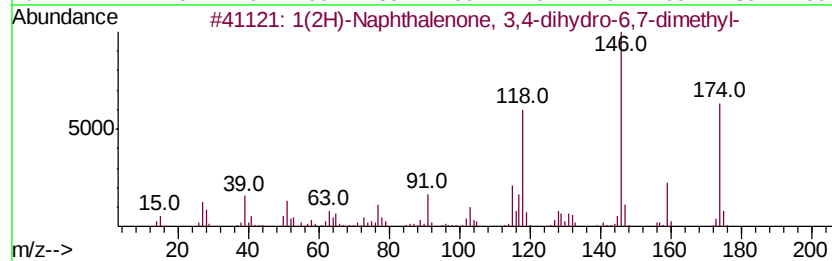
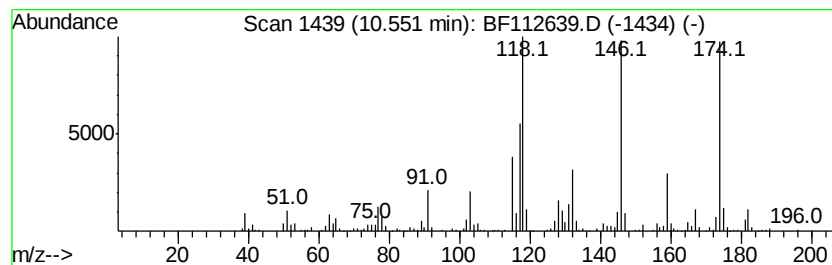
Instrument :
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ClientSampleId :
MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	11.49 ng	589833	Acenaphthene-d10	9.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(2H)-Naphthalenone, 3,4-dihydro...	174 C12H14O	019550-57-3 94
2		7-Ethyl-3,4-dihydro-1(2H)-naphth...	174 C12H14O	022531-06-2 87
3		1(2H)-Naphthalenone, 5-ethyl-3,4...	174 C12H14O	051015-31-7 87
4		1(2H)-Naphthalenone, 3,4-dihydro...	174 C12H14O	013621-25-5 86
5		Benzene, 1,3-diisocyanato-2-methyl-	174 C9H6N2O2	000091-08-7 76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
Sample : K1528-04
Misc :
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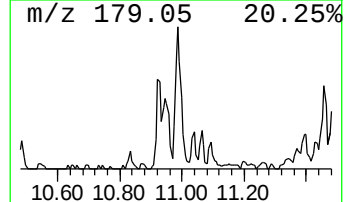
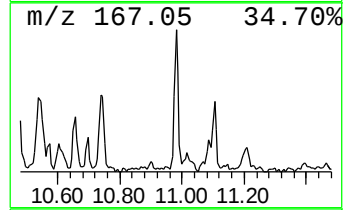
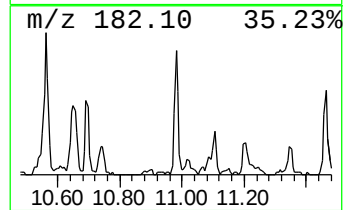
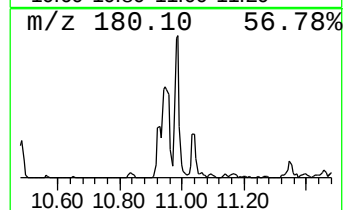
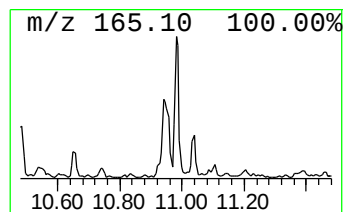
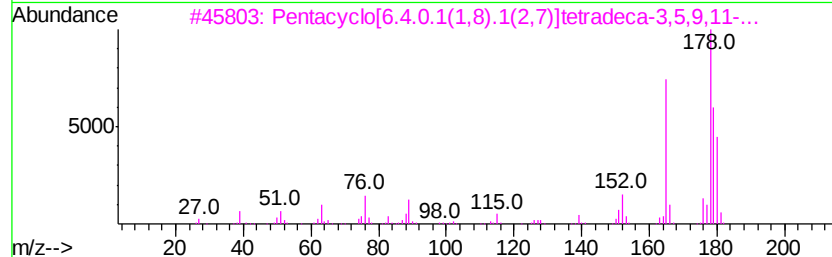
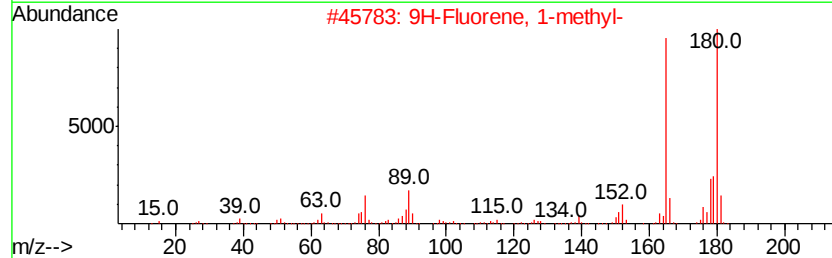
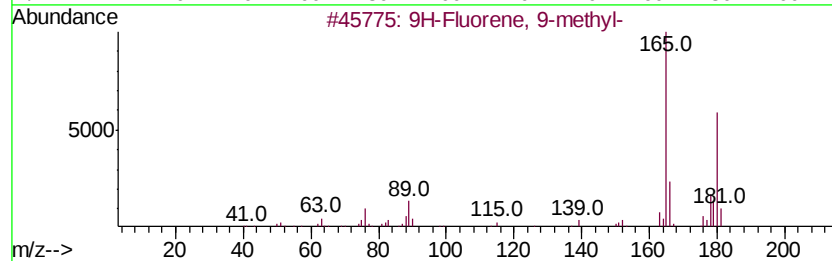
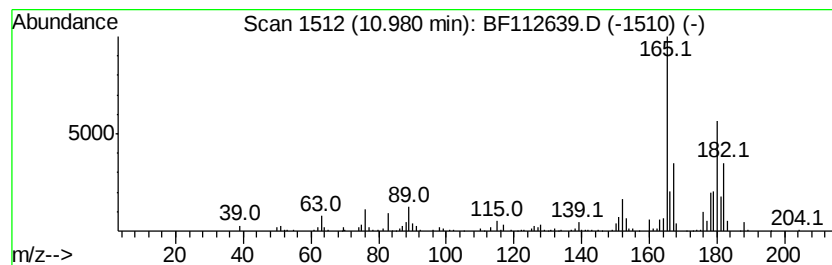
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	6.55 ng	242828	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3		Pentacyclo[6.4.0.1(1,8).1(2,7)]t...	180	C14H12	086120-84-5	70
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
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Sample : K1528-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

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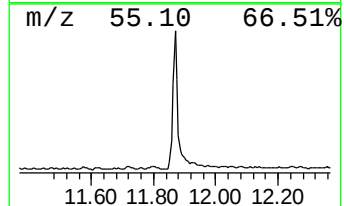
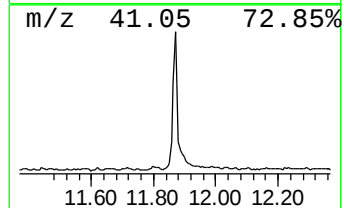
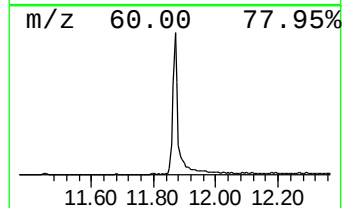
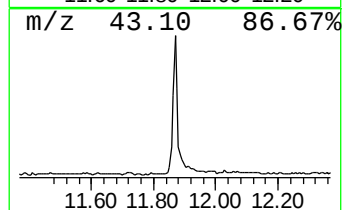
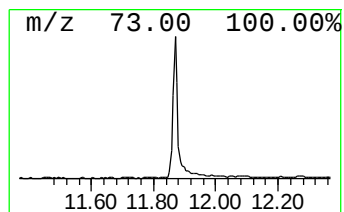
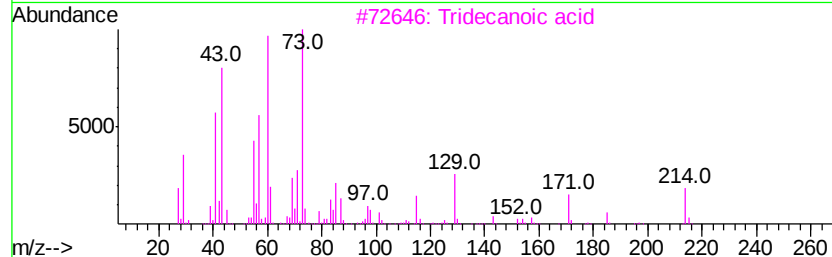
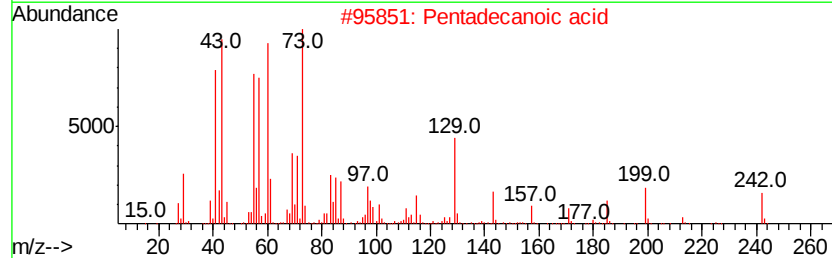
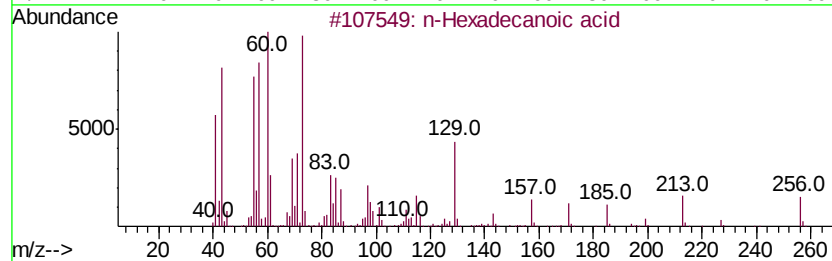
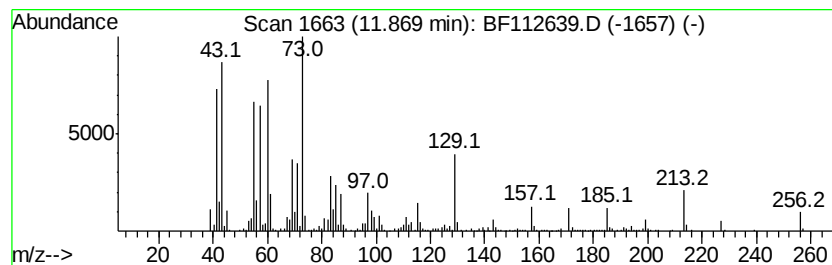
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	21.26 ng	787808	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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ClientSampleId :
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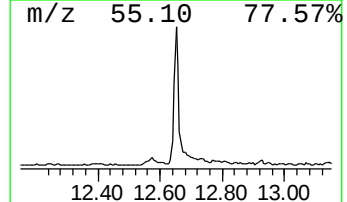
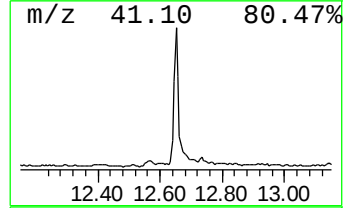
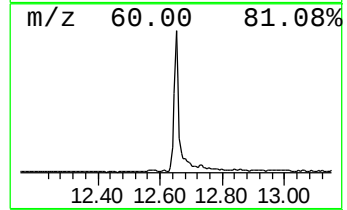
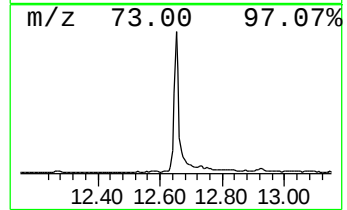
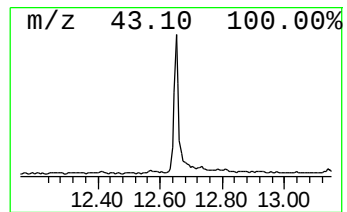
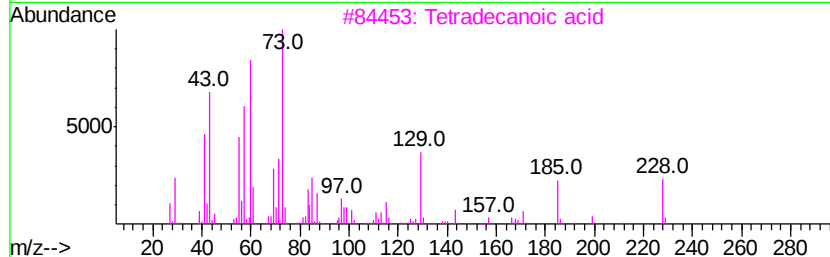
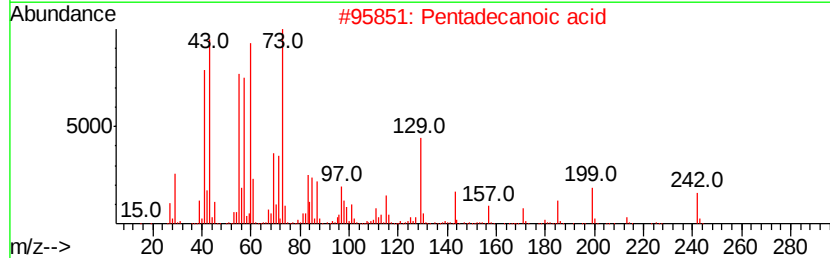
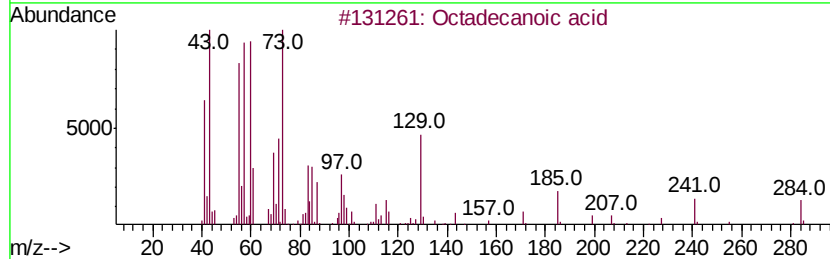
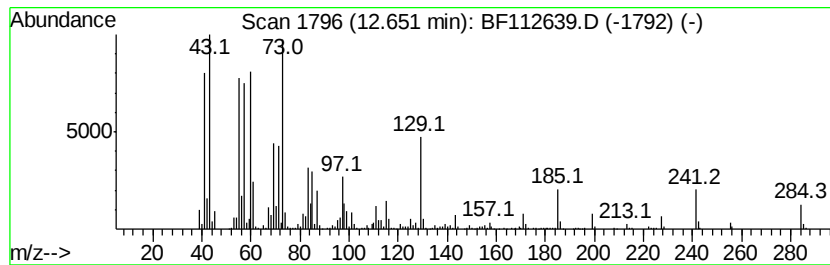
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	25.54 ng	946577	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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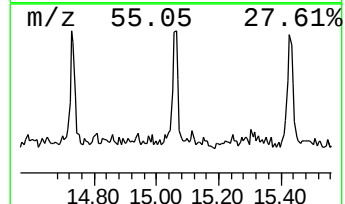
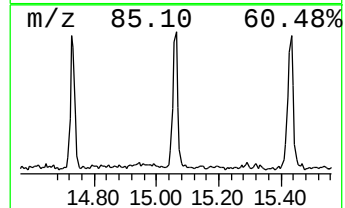
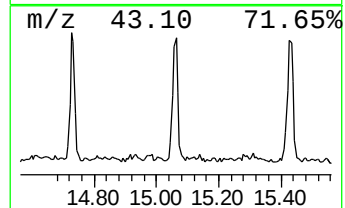
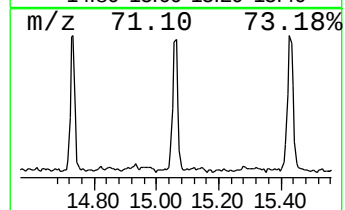
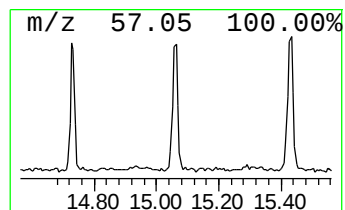
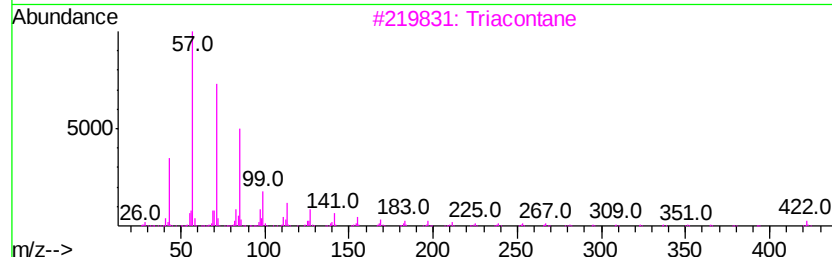
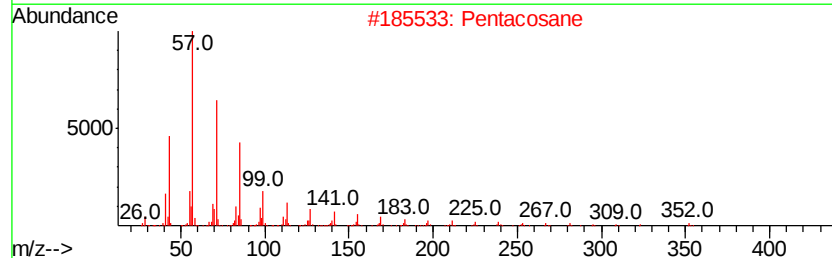
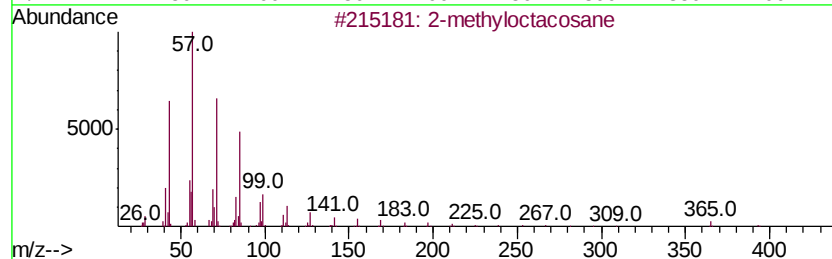
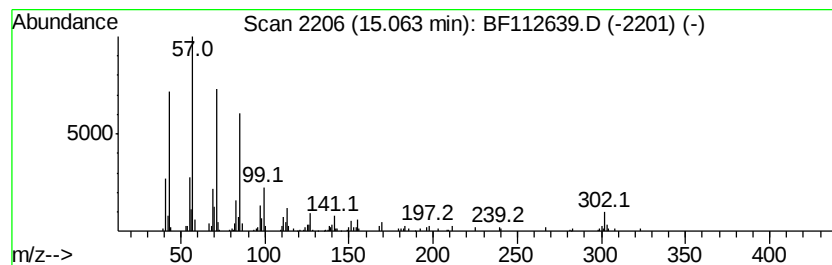
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-methyloctacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	8.02 ng	200678	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022019\
Data File : BF112639.D
Acq On : 20 Feb 2019 13:57
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

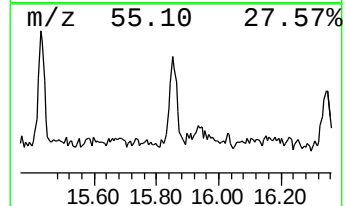
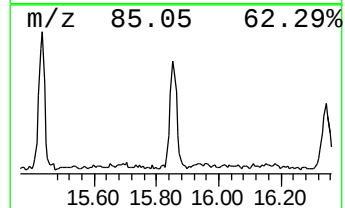
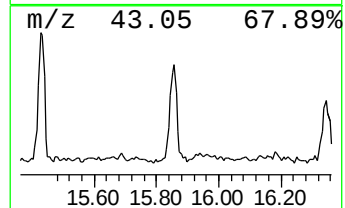
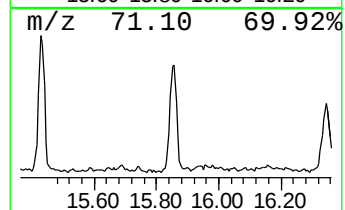
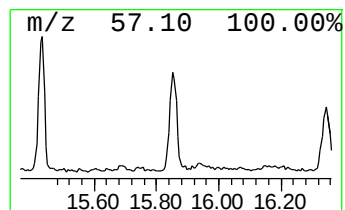
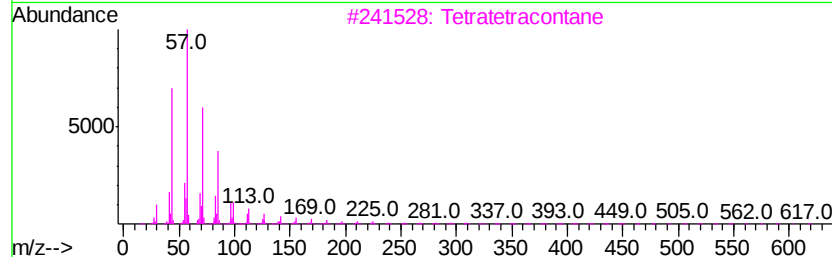
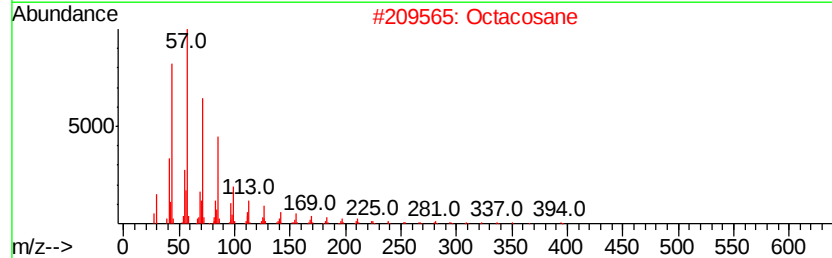
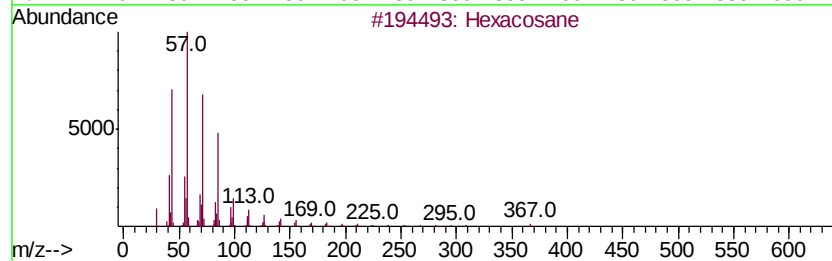
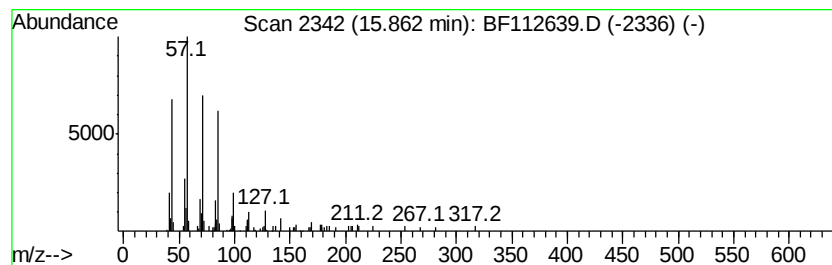
Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	6.71 ng	167784	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Tetratetracontane	619 C44H90	007098-22-8	91
4	Pentacosane	352 C25H52	000629-99-2	91
5	Heptacosane	380 C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022019\
 Data File : BF112639.D
 Acq On : 20 Feb 2019 13:57
 Operator : JU/SJ
 Sample : K1528-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.60	6.60	73.8	ng	1567120	1	6.82	424670	20.0
Benzene, 1,2-diet...	7.06	6.3	ng	133541	1	6.82	424670	20.0
2,2-Dimethylinden...	7.75	7.6	ng	221899	2	8.10	587042	20.0
Benzene, 2,4-dime...	8.19	6.3	ng	186141	2	8.10	587042	20.0
Naphthalene, 1,2,...	8.30	22.3	ng	655440	2	8.10	587042	20.0
Benzene, (2-methy...	8.35	15.0	ng	441254	2	8.10	587042	20.0
1H-Indene, 2,3-di...	8.48	9.3	ng	272428	2	8.10	587042	20.0
Naphthalene, 1,2,...	8.60	43.2	ng	1269050	2	8.10	587042	20.0
Naphthalene, 1,2,...	8.92	18.5	ng	543164	2	8.10	587042	20.0
1H-Indene, 2,3-di...	8.95	10.4	ng	304124	2	8.10	587042	20.0
Naphthalene, 1-(2...	10.47	8.3	ng	427644	3	9.86	1027120	20.0
1(2H)-Naphthaleno...	10.55	11.5	ng	589833	3	9.86	1027120	20.0
9H-Fluorene, 9-me...	10.98	6.5	ng	242828	4	11.35	741150	20.0
n-Hexadecanoic acid	11.87	21.3	ng	787808	4	11.35	741150	20.0
Octadecanoic acid	12.65	25.5	ng	946577	4	11.35	741150	20.0
2-methyloctacosane	15.06	8.0	ng	200678	6	15.47	500376	20.0
Hexacosane	15.86	6.7	ng	167784	6	15.47	500376	20.0