

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
 Data File : BF110944.D
 Acq On : 23 Nov 2018 15:18
 Operator : JU/SJ
 Sample : J6003-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NON-UST-03R-A

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-BF110818.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	5.557	586	590	599	rBV	1807686	1823769	23.05%	0.966%
2	6.163	689	693	695	rBV	423669	501996	6.34%	0.266%
3	6.463	739	744	750	rBV3	318815	529894	6.70%	0.281%
4	6.569	758	762	765	rVV	1893982	2054515	25.96%	1.088%
5	6.663	774	778	782	rBV3	339283	574544	7.26%	0.304%
6	6.710	782	786	791	rVB	2397049	2383949	30.12%	1.263%
7	6.934	821	824	827	rVB2	1384345	1245748	15.74%	0.660%
8	7.034	835	841	844	rBV3	462880	692690	8.75%	0.367%
9	7.069	844	847	849	rBV2	764510	866259	10.95%	0.459%
10	7.092	849	851	858	rVB2	1651699	1860344	23.51%	0.985%
11	7.181	863	866	867	rBV2	509877	533689	6.74%	0.283%
12	7.198	867	869	872	rVB2	711617	624799	7.89%	0.331%
13	7.328	884	891	893	rBV2	699571	853716	10.79%	0.452%
14	7.351	893	895	900	rVB2	355132	455333	5.75%	0.241%
15	7.469	907	915	918	rBV2	1899050	2766227	34.95%	1.465%
16	7.504	918	921	924	rBV3	2028222	2073118	26.20%	1.098%
17	7.575	927	933	936	rBV3	1121174	1885233	23.82%	0.999%
18	7.622	936	941	945	rBV3	955202	1632470	20.63%	0.865%
19	7.675	945	950	952	rBV5	456946	715302	9.04%	0.379%
20	7.704	952	955	958	rVB2	1756013	1547109	19.55%	0.820%
21	7.739	958	961	966	rVB5	997855	1485636	18.77%	0.787%
22	7.834	969	977	979	rBV4	1330880	2780163	35.13%	1.473%
23	7.857	979	981	984	rBV3	900902	1089631	13.77%	0.577%
24	7.892	984	987	990	rVB3	901327	1109191	14.02%	0.588%
25	7.957	994	998	1002	rBV2	2299812	2888529	36.50%	1.530%
26	8.034	1006	1011	1016	rBV3	1142554	1730883	21.87%	0.917%
27	8.087	1016	1020	1023	rBV2	1736449	1721258	21.75%	0.912%
28	8.122	1023	1026	1028	rBV3	484435	635889	8.04%	0.337%
29	8.169	1029	1034	1036	rBV4	934273	1562278	19.74%	0.828%
30	8.216	1038	1042	1043	rVV	1908906	2618034	33.08%	1.387%
31	8.239	1043	1046	1048	rVV3	1572006	2248682	28.41%	1.191%
32	8.275	1048	1052	1055	rVB2	3711866	5081602	64.21%	2.692%
33	8.304	1055	1057	1063	rVB4	1646840	2263288	28.60%	1.199%
34	8.375	1065	1069	1071	rBV4	770961	968502	12.24%	0.513%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.398	1071	1073	1074	rBV	685536	587159	7.42%	0.311%
36	8.422	1075	1077	1080	rVB3	1247897	1162670	14.69%	0.616%
37	8.475	1083	1086	1087	rBV2	740159	683889	8.64%	0.362%
38	8.510	1088	1092	1097	rVB4	2292418	3426484	43.30%	1.815%
39	8.610	1105	1109	1111	rBV	1507280	2053433	25.95%	1.088%
40	8.645	1111	1115	1117	rVV	2712273	3055427	38.61%	1.619%
41	8.734	1126	1130	1133	rBV	2453419	2774987	35.06%	1.470%
42	8.757	1133	1134	1138	rVB3	694211	827255	10.45%	0.438%
43	8.792	1138	1140	1142	rVB2	653805	437031	5.52%	0.232%
44	8.822	1142	1145	1148	rBV2	1253104	1659221	20.97%	0.879%
45	8.910	1158	1160	1162	rVB	1651688	1330642	16.81%	0.705%
46	8.963	1162	1169	1172	rBV	3505707	5550143	70.13%	2.940%
47	9.004	1174	1176	1178	rBV3	714803	746848	9.44%	0.396%
48	9.034	1179	1181	1182	rBV2	695039	524004	6.62%	0.278%
49	9.063	1182	1186	1190	rVB2	3622947	4650520	58.76%	2.464%
50	9.134	1195	1198	1201	rVB3	1899954	1974327	24.95%	1.046%
51	9.245	1213	1217	1220	rBV2	2996134	3727204	47.10%	1.974%
52	9.304	1224	1227	1232	rVB2	1538126	2097941	26.51%	1.111%
53	9.392	1237	1242	1244	rBV3	1330937	1786978	22.58%	0.947%
54	9.428	1246	1248	1250	rBV2	841913	765423	9.67%	0.405%
55	9.463	1252	1254	1257	rVB3	1462304	1311935	16.58%	0.695%
56	9.516	1259	1263	1269	rVB	1896891	3148259	39.78%	1.668%
57	9.598	1270	1277	1279	rBV	3432219	6369666	80.49%	3.374%
58	9.622	1279	1281	1283	rBV2	688939	633356	8.00%	0.336%
59	9.669	1283	1289	1292	rBV	2907891	6142183	77.61%	3.254%
60	9.710	1292	1296	1302	rVB3	4655611	7601683	96.05%	4.027%
61	9.786	1305	1309	1315	rVB5	2835861	5056780	63.90%	2.679%
62	9.863	1319	1322	1324	rBV2	1643036	1606306	20.30%	0.851%
63	9.904	1327	1329	1331	rVB2	1008359	812121	10.26%	0.430%
64	9.951	1334	1337	1339	rBV3	877464	1056633	13.35%	0.560%
65	9.975	1339	1341	1344	rVB	1477422	1381145	17.45%	0.732%
66	10.022	1347	1349	1350	rBV2	1132525	910038	11.50%	0.482%
67	10.110	1359	1364	1367	rBV2	2024444	3446800	43.55%	1.826%
68	10.175	1373	1375	1376	rBV	649048	454788	5.75%	0.241%
69	10.210	1376	1381	1383	rVV	2451620	3005687	37.98%	1.592%
70	10.251	1383	1388	1391	rVB2	3006601	3808968	48.13%	2.018%
71	10.322	1396	1400	1402	rBV2	2585909	3308920	41.81%	1.753%

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72	10.351	1402	1405	1410	rVB2	2680069	2899087	36.63%	1.536%
73	10.410	1411	1415	1417	rBV2	1735933	2429274	30.70%	1.287%
74	10.433	1417	1419	1422	rVB2	1633236	1447762	18.29%	0.767%
75	10.498	1428	1430	1432	rVB2	829745	605824	7.66%	0.321%
76	10.545	1435	1438	1439	rBV2	817387	731720	9.25%	0.388%
77	10.633	1448	1453	1455	rBV2	3166080	4142994	52.35%	2.195%
78	10.657	1455	1457	1460	rVB2	969660	878984	11.11%	0.466%
79	10.692	1460	1463	1465	rBV4	832499	865777	10.94%	0.459%
80	10.751	1471	1473	1477	rBV4	535562	478049	6.04%	0.253%
81	10.792	1477	1480	1481	rBV3	860725	898037	11.35%	0.476%
82	10.845	1487	1489	1493	rVB4	647324	694883	8.78%	0.368%
83	10.910	1494	1500	1506	rVB2	4651302	7913923	100.00%	4.192%
84	10.986	1510	1513	1516	rVB	649543	703255	8.89%	0.373%
85	11.139	1535	1539	1541	rBV2	1660575	1683615	21.27%	0.892%
86	11.216	1549	1552	1553	rBV2	788469	879906	11.12%	0.466%
87	11.363	1572	1577	1585	rVB2	2884344	4327498	54.68%	2.292%
88	11.522	1601	1604	1611	rVB	1596122	2136063	26.99%	1.132%
89	11.604	1615	1618	1620	rVB2	876651	866752	10.95%	0.459%
90	11.704	1632	1635	1647	rVB6	1182161	2403759	30.37%	1.273%
91	11.992	1681	1684	1687	rBV	942856	1127277	14.24%	0.597%
92	12.027	1687	1690	1692	rVB	1079875	986487	12.47%	0.523%
93	12.104	1700	1703	1705	rBV2	648143	723124	9.14%	0.383%
94	12.127	1705	1707	1711	rVB2	843283	789036	9.97%	0.418%
95	12.427	1756	1758	1762	rVB	701850	629313	7.95%	0.333%
96	12.539	1774	1777	1779	rBV	1030952	931543	11.77%	0.493%
97	12.939	1842	1845	1849	rVV2	393562	452594	5.72%	0.240%
98	13.063	1862	1866	1868	rVB	1823934	1538167	19.44%	0.815%
99	14.127	2043	2047	2051	rBV	479670	496443	6.27%	0.263%
100	15.657	2303	2307	2319	rVB	286067	431761	5.46%	0.229%

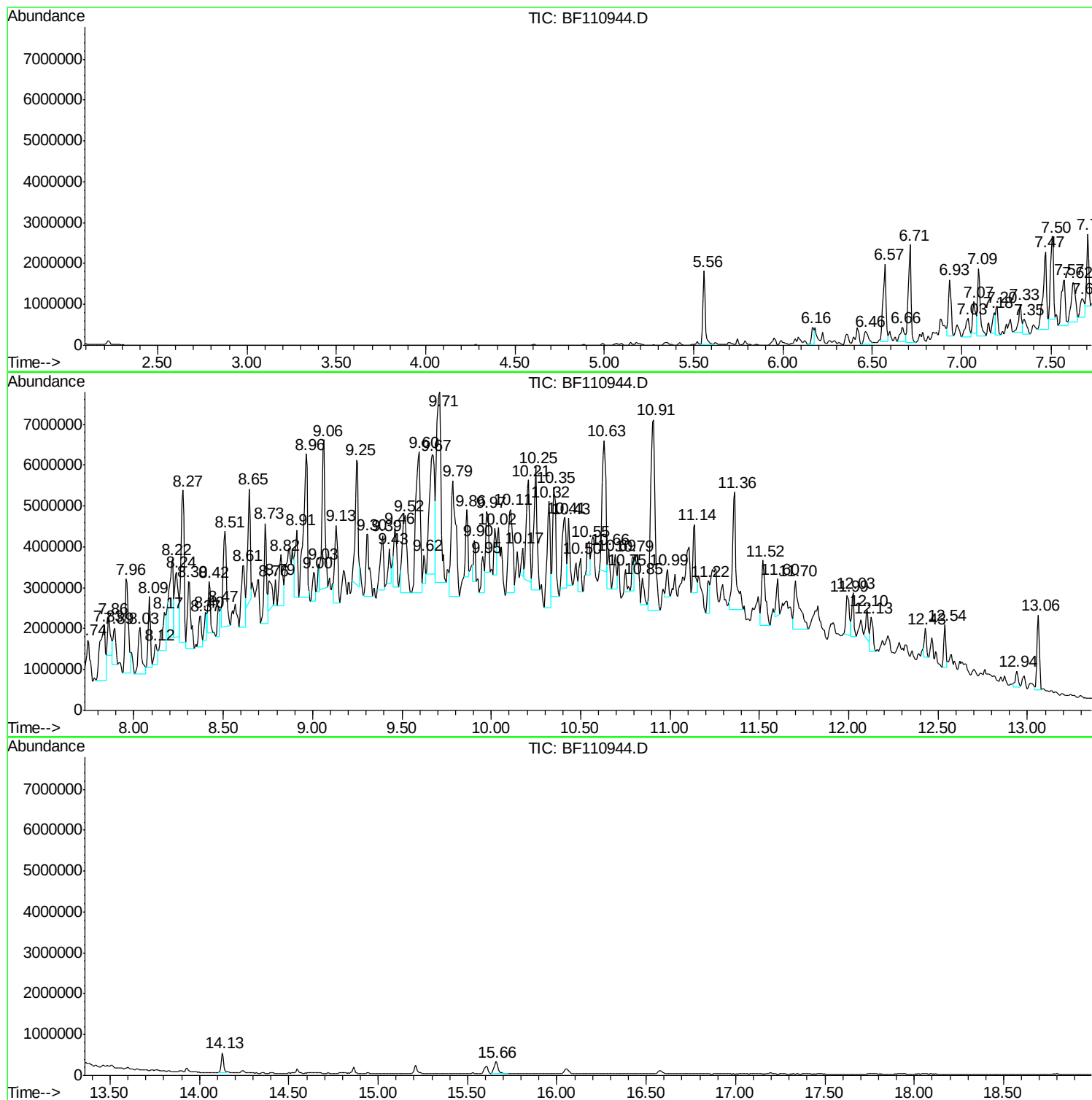
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Instrument :
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ClientSampleId :
NON-UST-03R-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.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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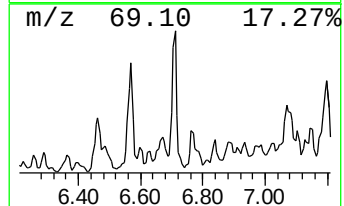
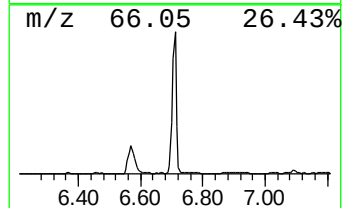
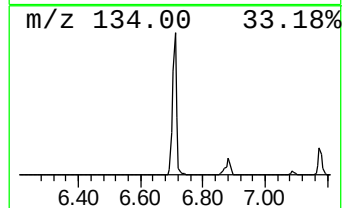
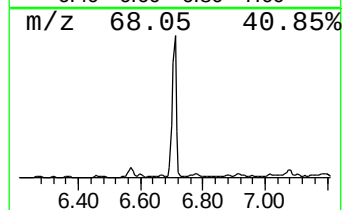
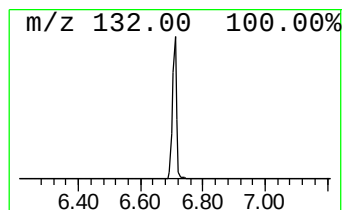
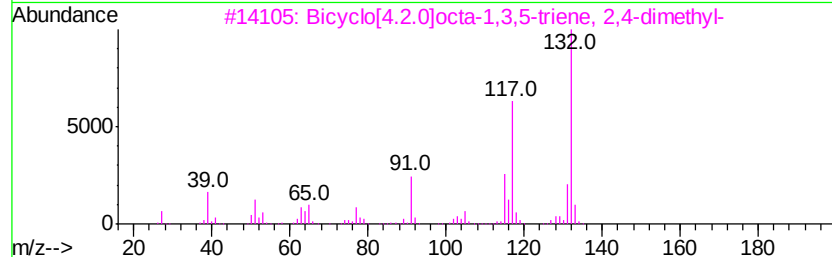
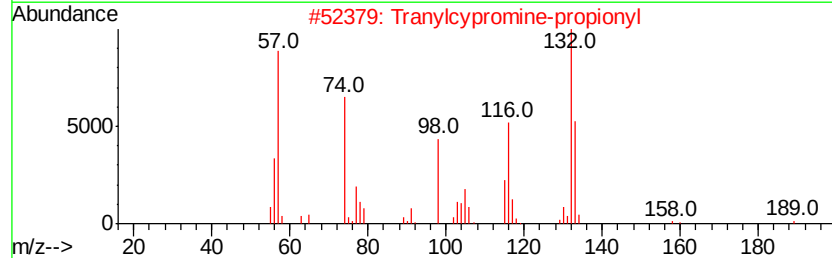
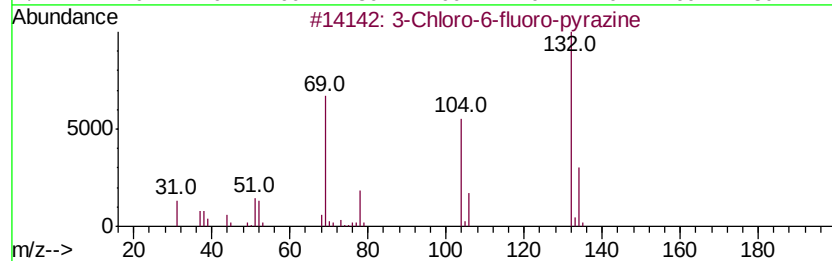
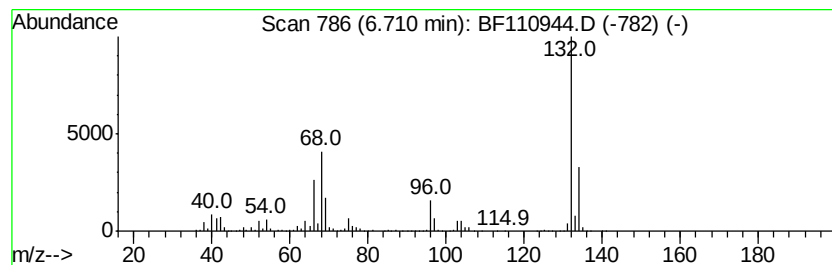
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	38.27 ng	2383950	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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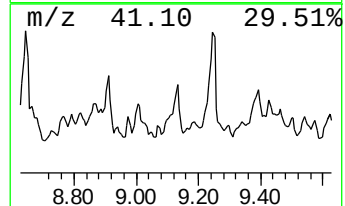
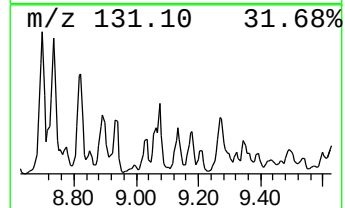
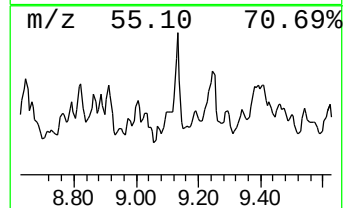
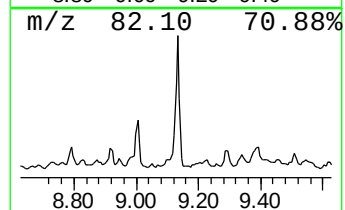
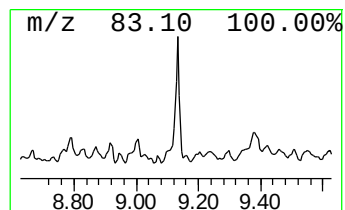
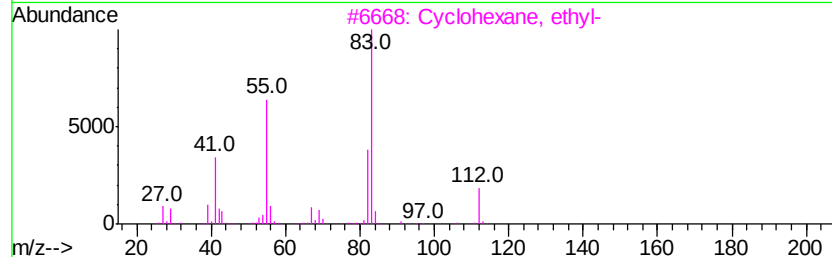
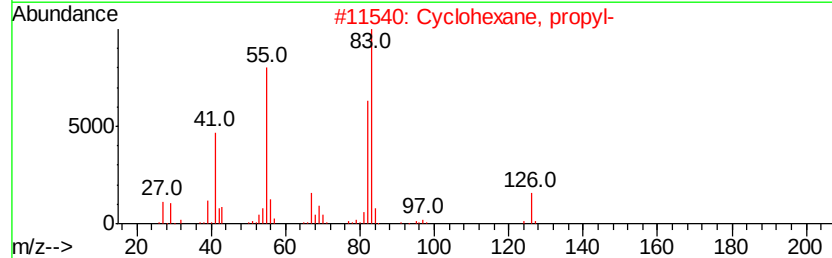
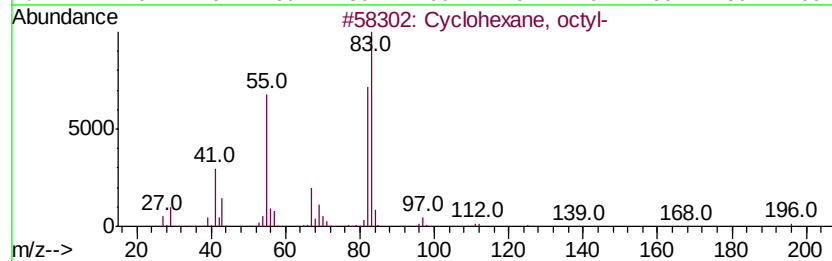
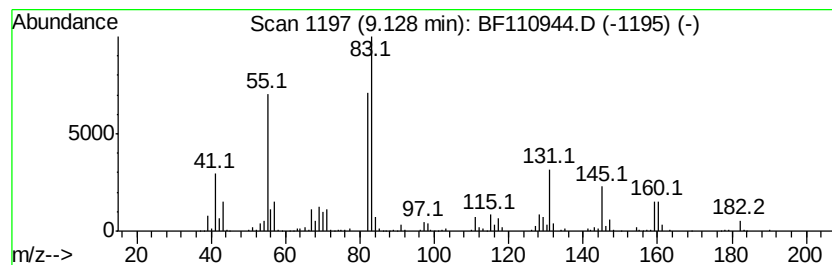
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown9.13 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	43.39 ng	1974330	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	47
3		Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
4		Oxalic acid, cyclohexyl undecyl ...	326	C19H34O4	1000309-31-3	35
5		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	35



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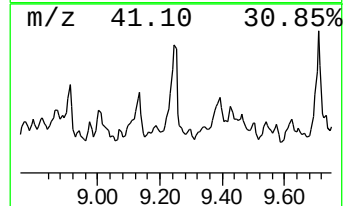
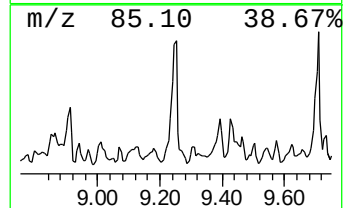
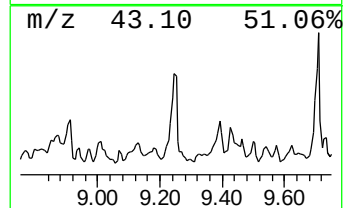
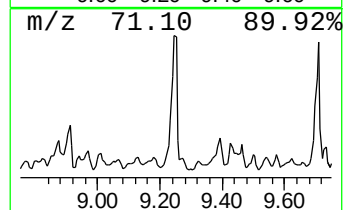
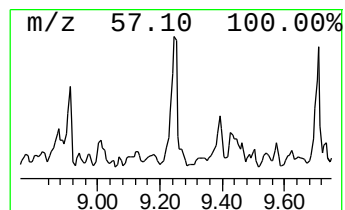
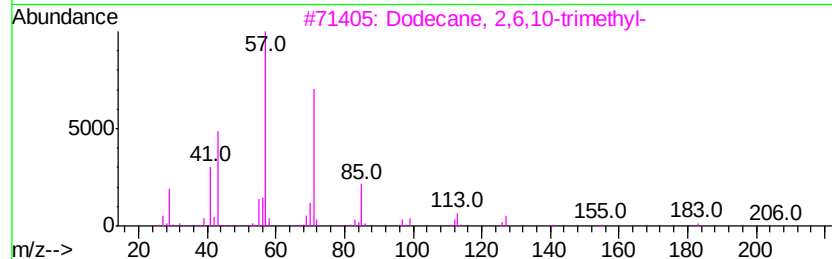
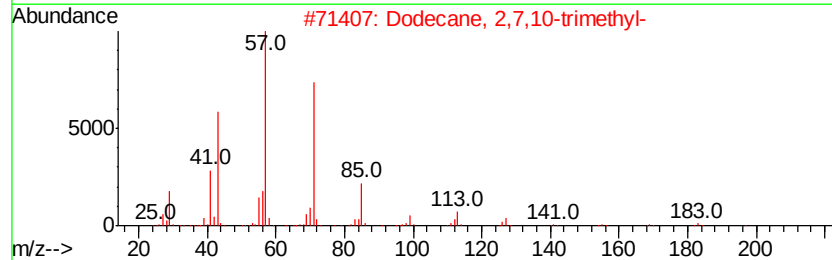
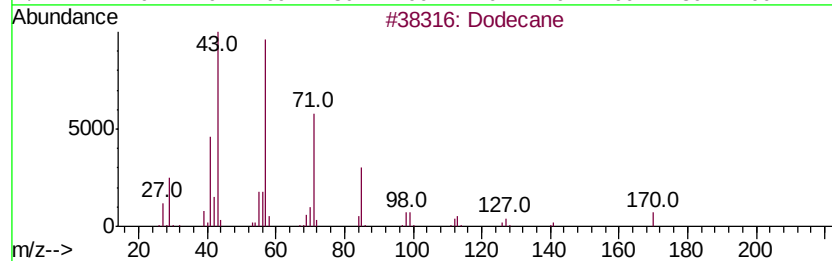
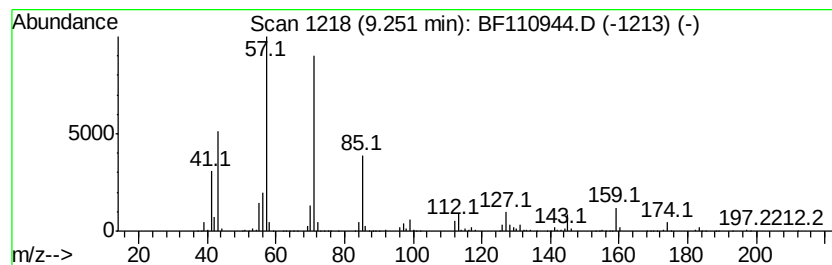
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	81.91 ng	3727200	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	83
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	80
3	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	80
4	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	70
5	Undecane, 5-methyl-		170	C12H26	001632-70-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

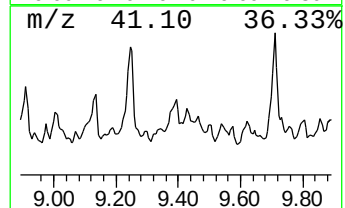
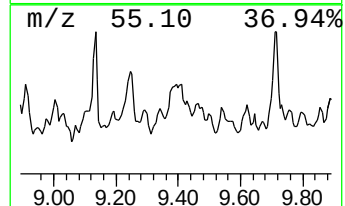
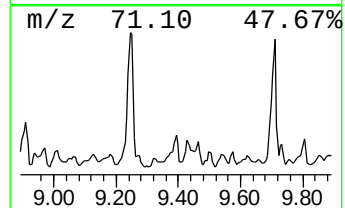
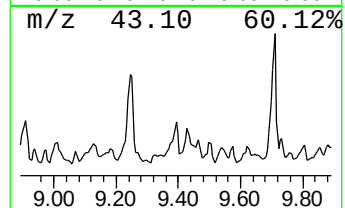
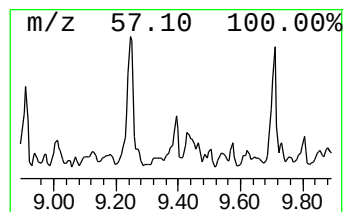
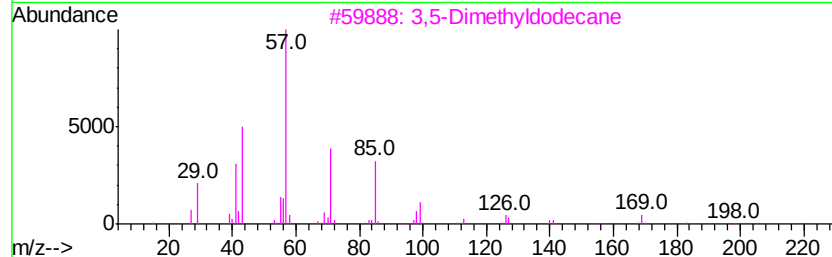
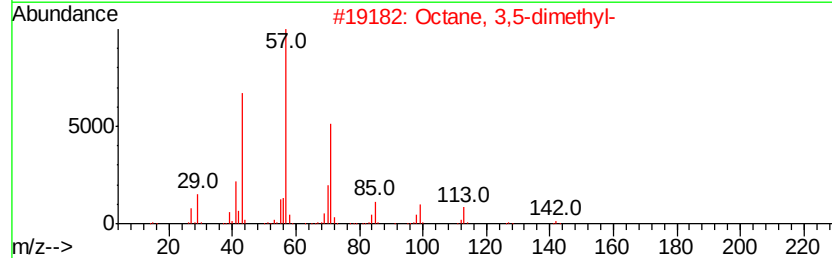
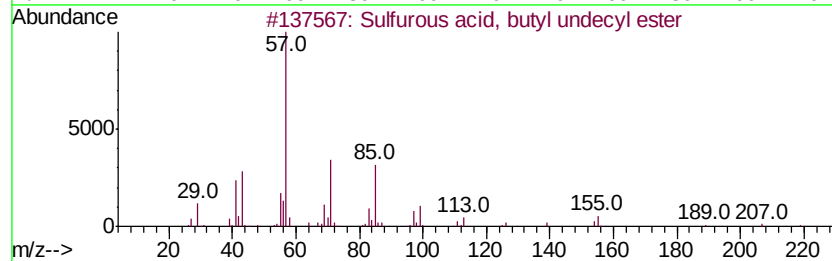
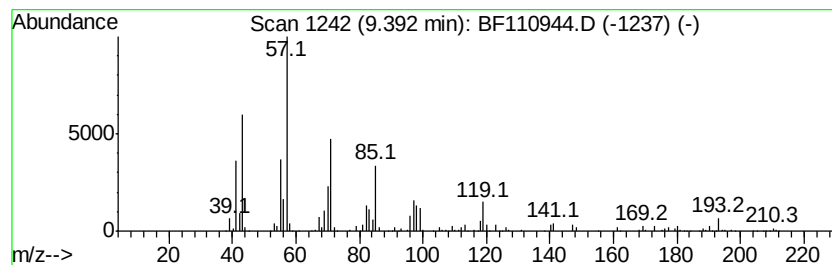
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, butyl undec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	39.27 ng	1786980	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	53
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
4		Tetradecane	198	C14H30	000629-59-4	50
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
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ClientSampleId :
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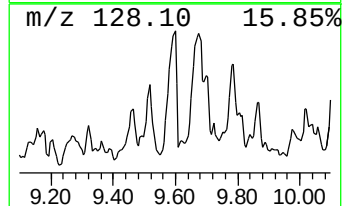
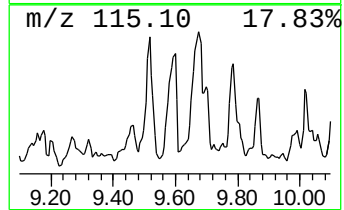
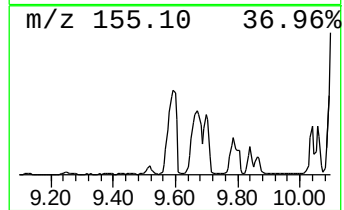
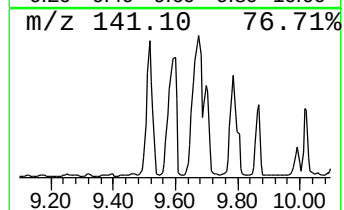
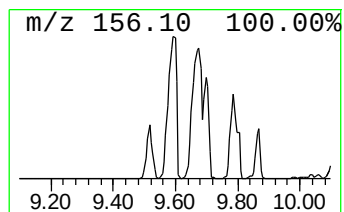
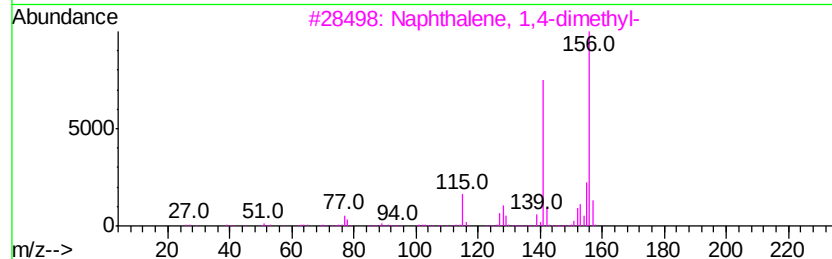
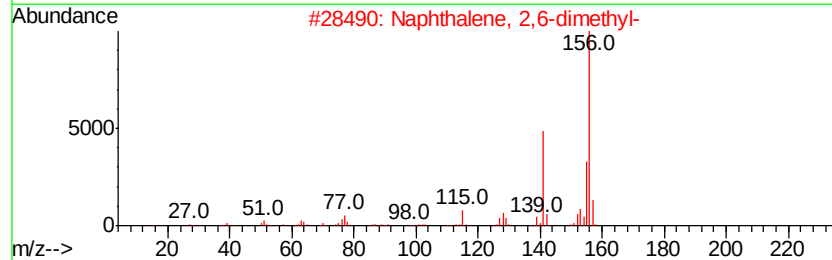
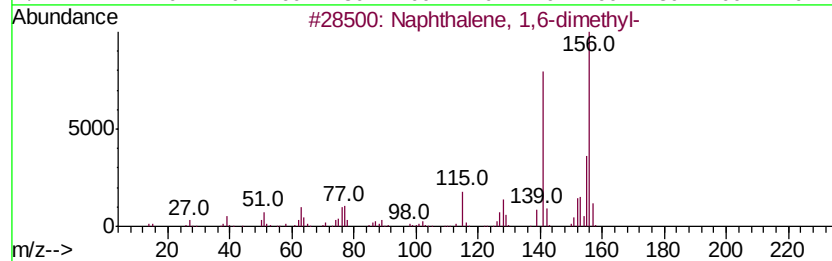
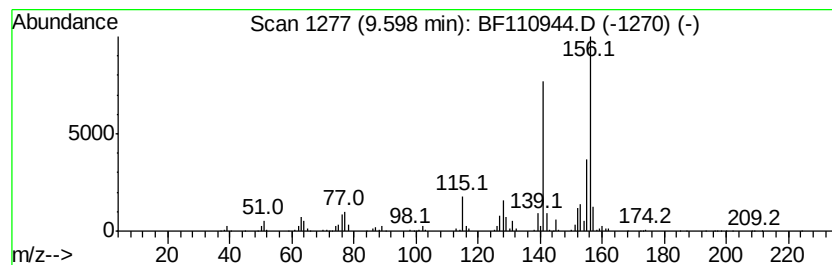
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	139.99 ng	6369670	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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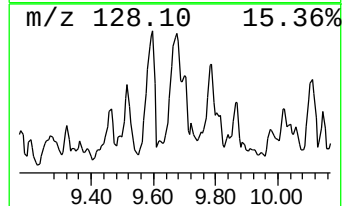
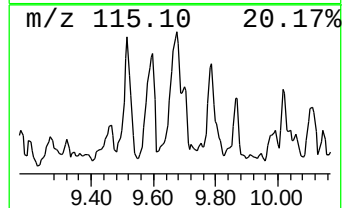
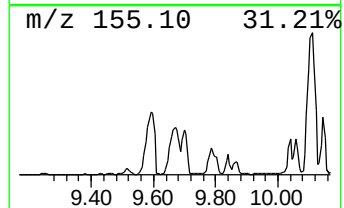
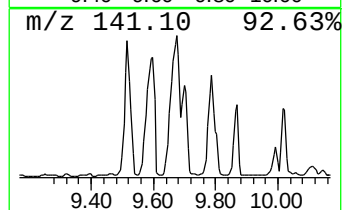
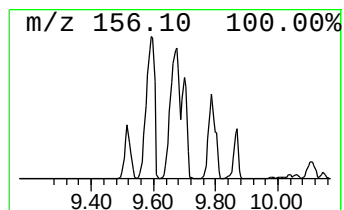
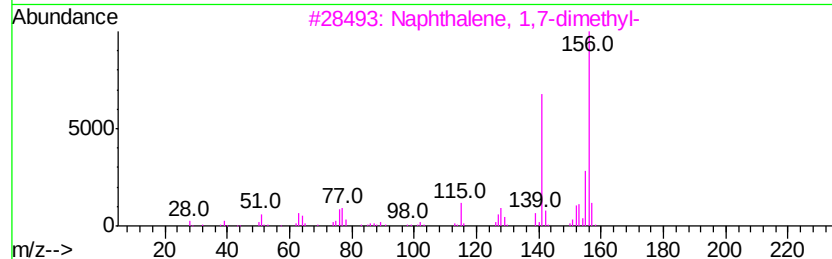
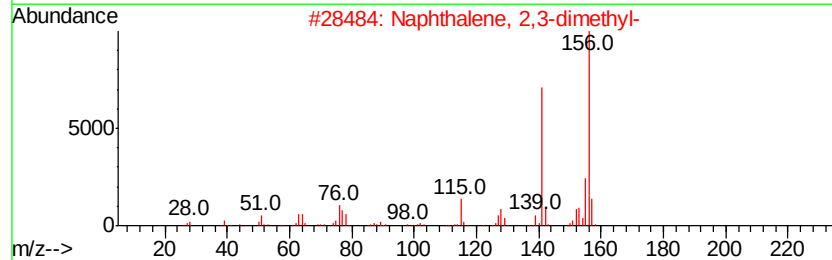
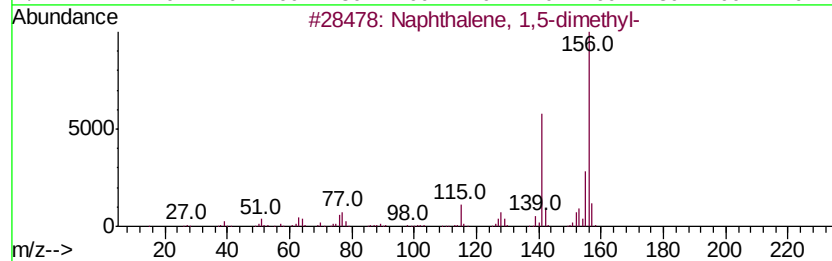
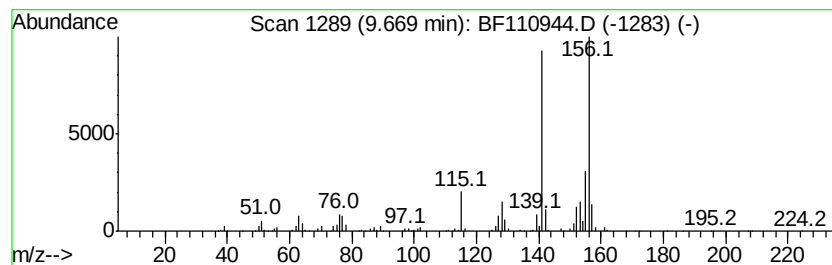
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	134.99 ng	6142180	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
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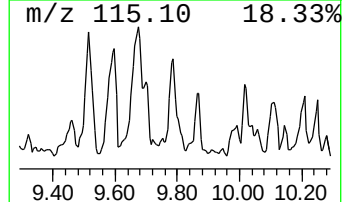
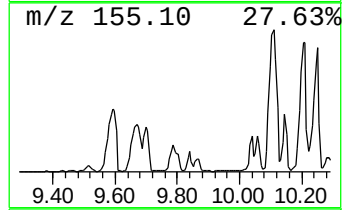
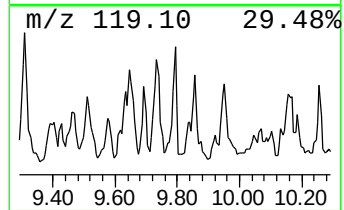
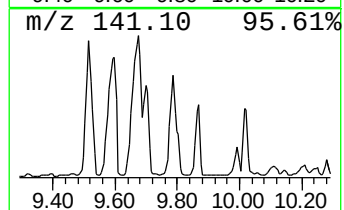
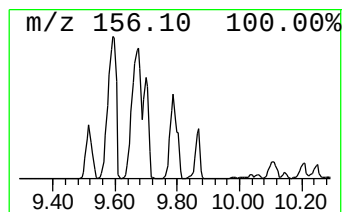
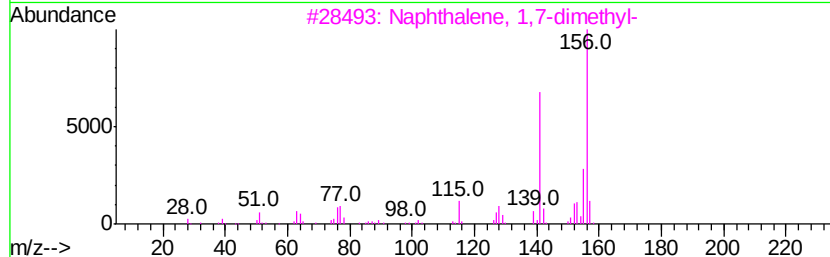
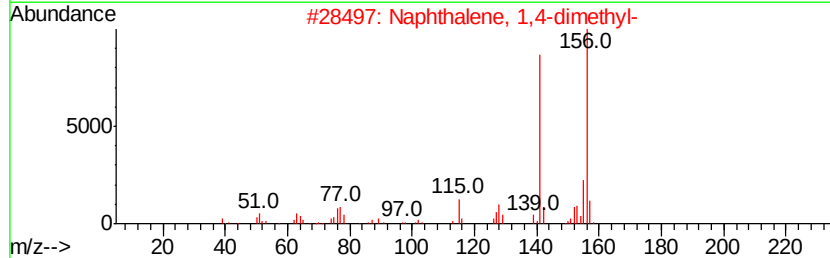
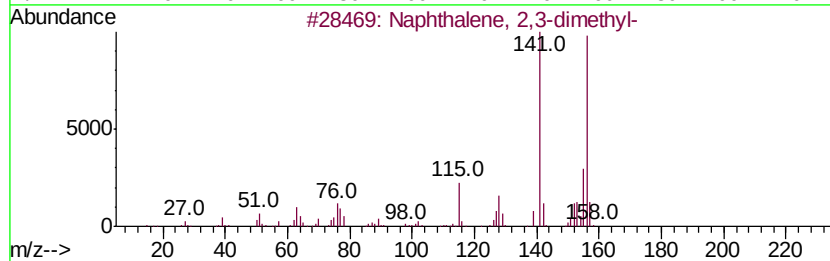
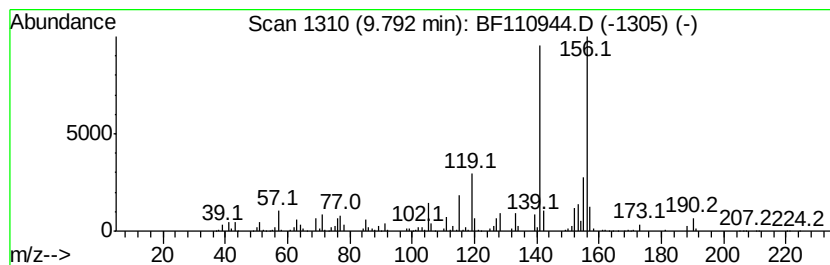
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	111.13 ng	5056780	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
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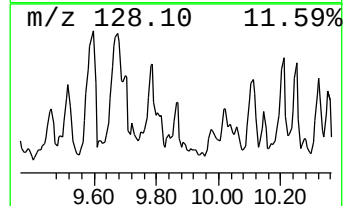
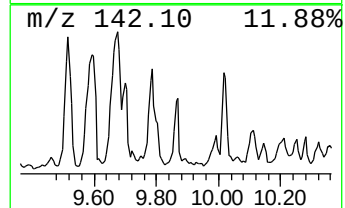
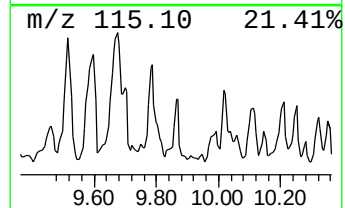
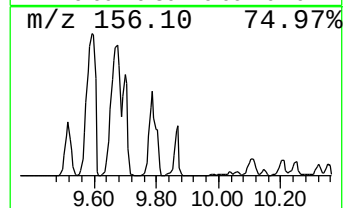
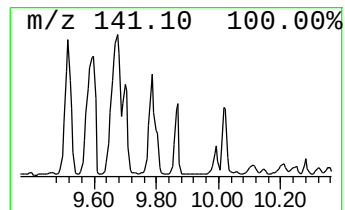
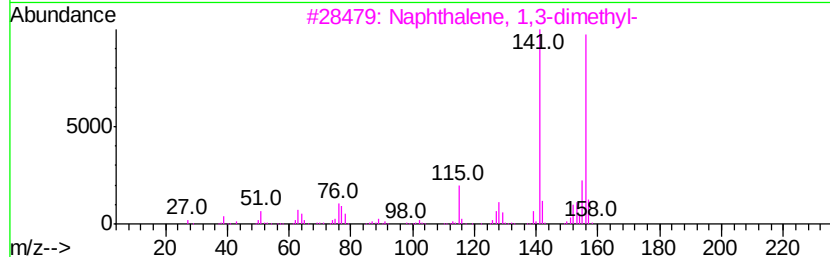
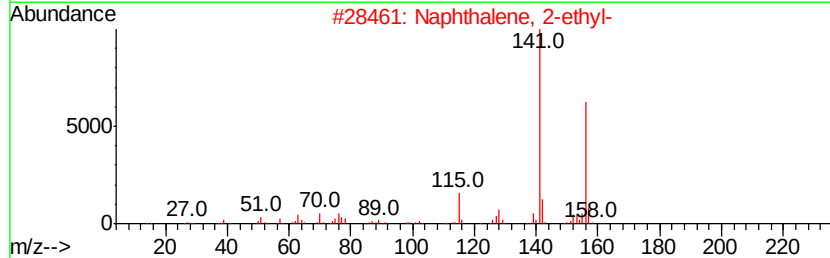
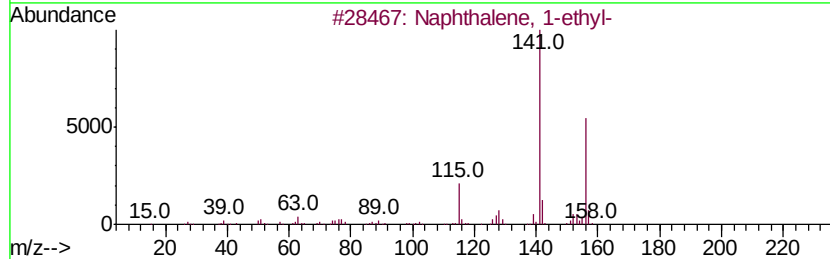
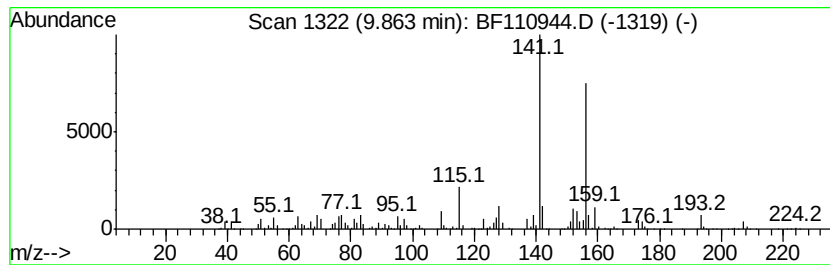
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	35.30 ng	1606310	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
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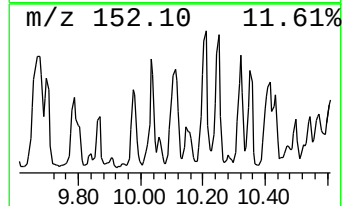
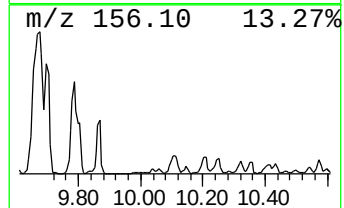
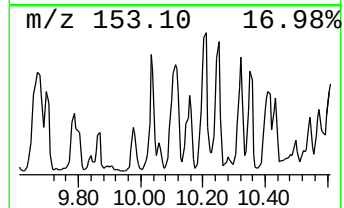
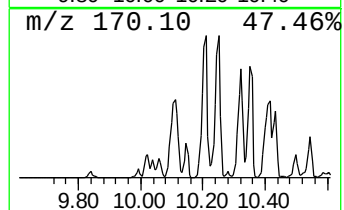
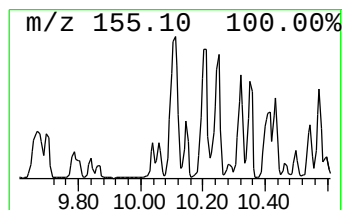
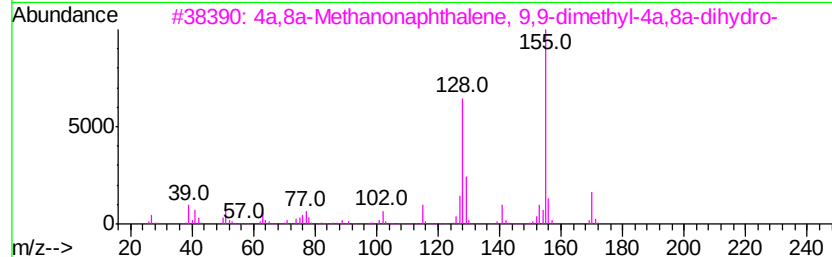
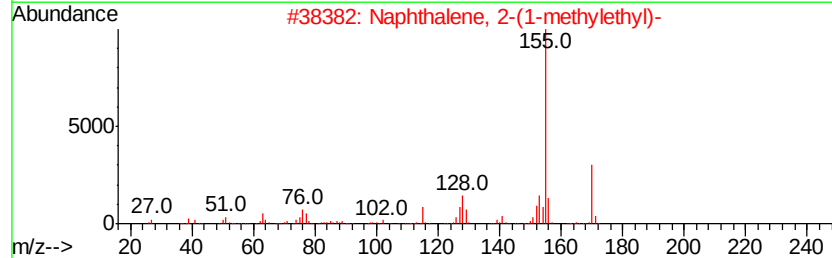
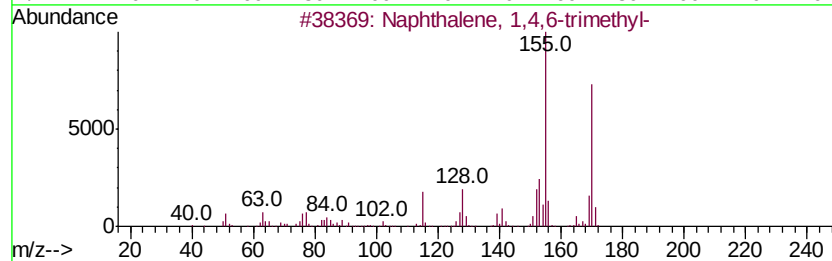
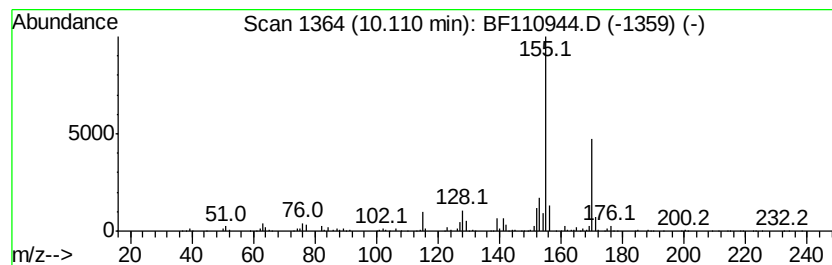
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	75.75 ng	3446800	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
4		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
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Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
NON-UST-03R-A

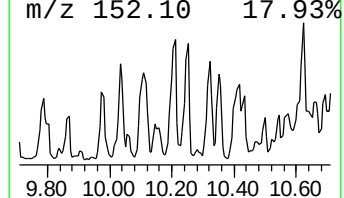
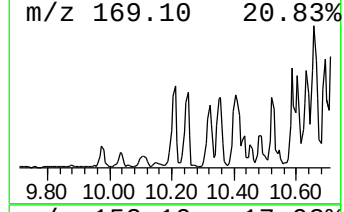
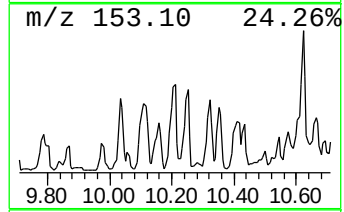
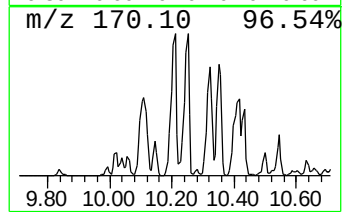
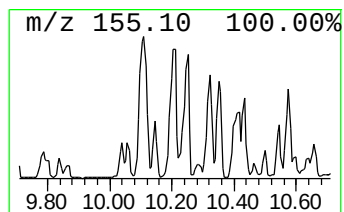
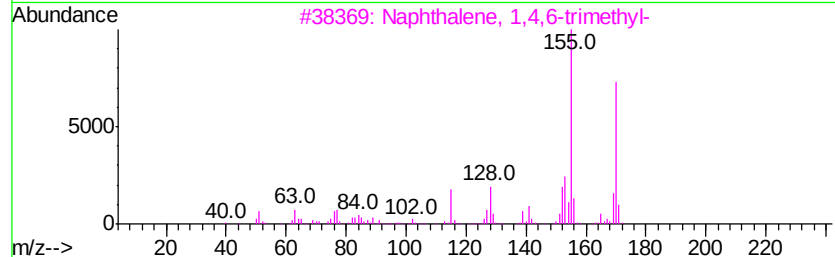
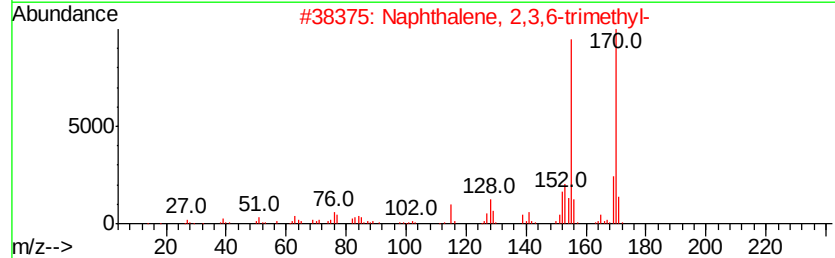
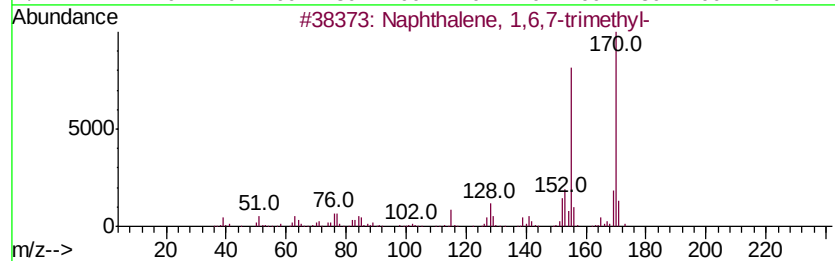
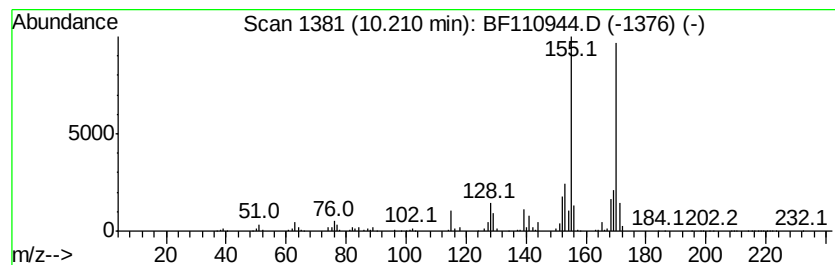
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	66.06 ng	3005690	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

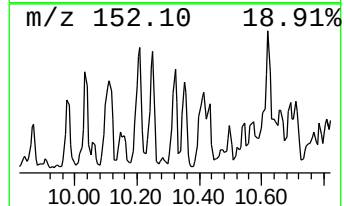
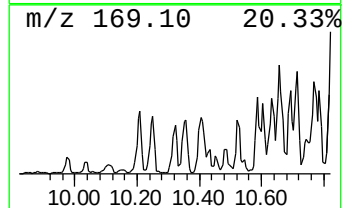
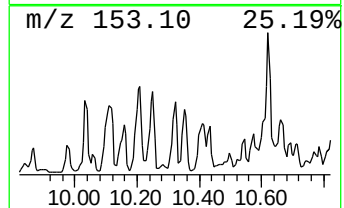
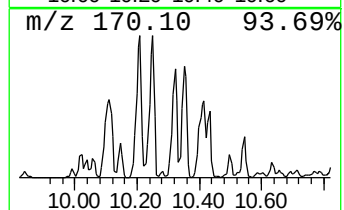
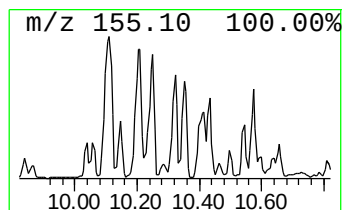
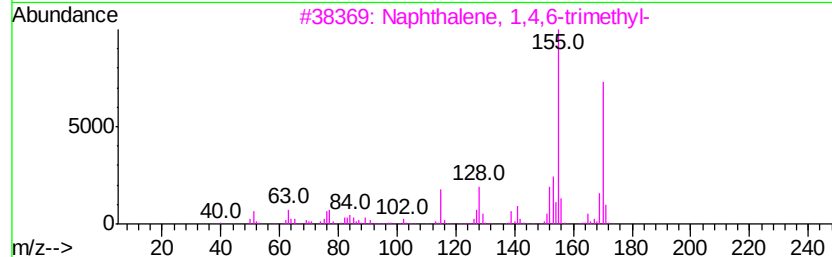
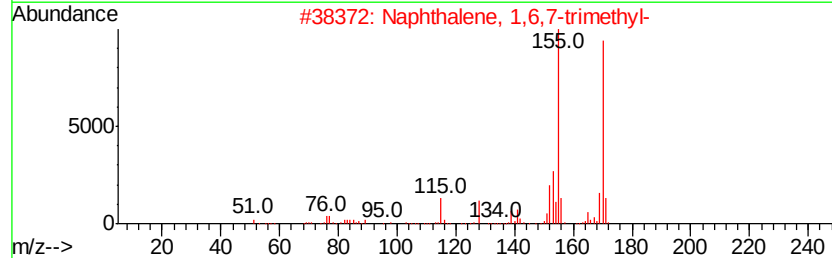
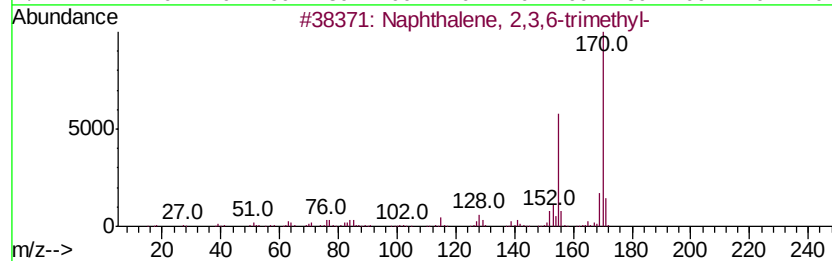
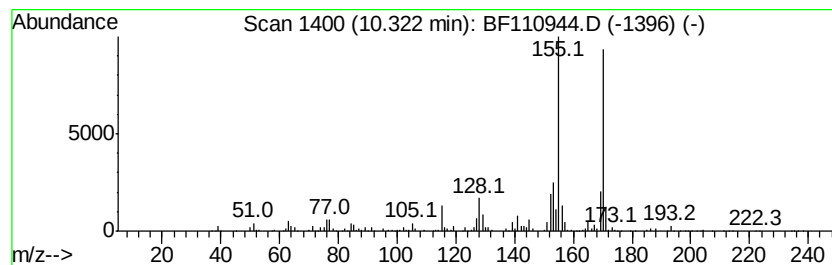
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ClientSampleId :
NON-UST-03R-A

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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, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.32	72.72 ng	3308920	Acenaphthene-d10		10.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

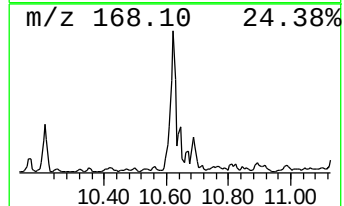
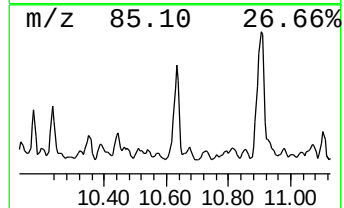
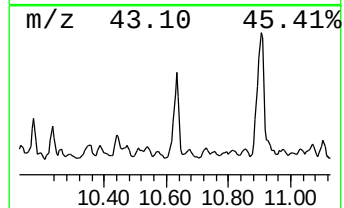
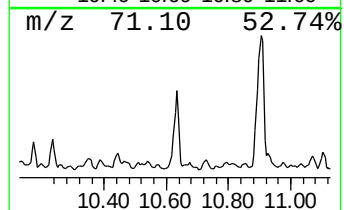
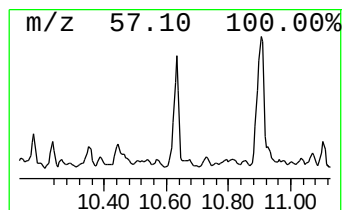
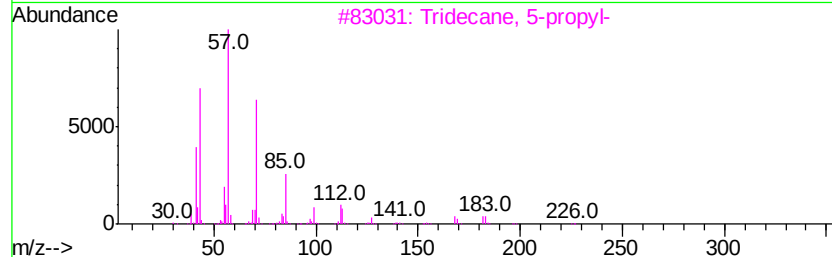
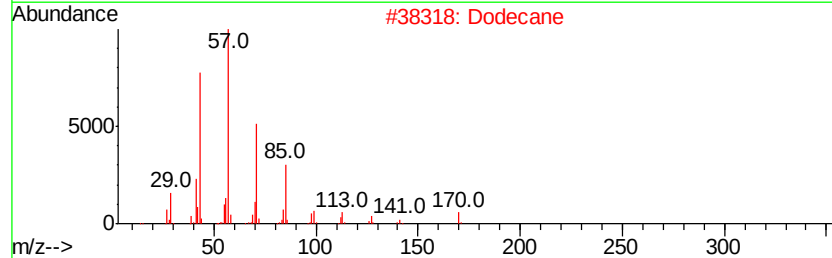
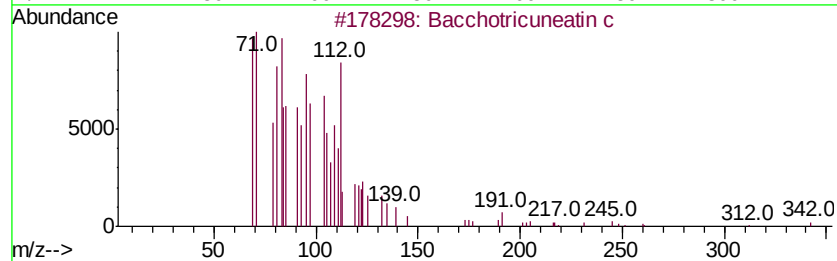
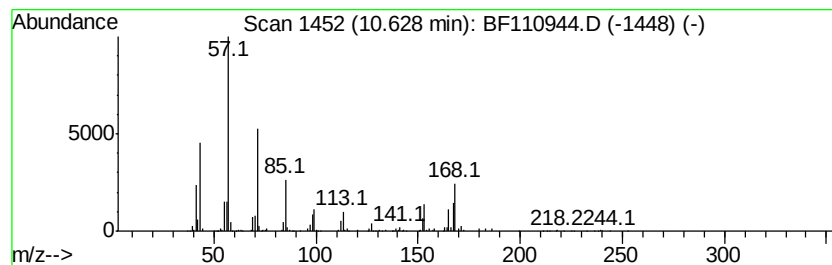
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	91.05 ng	4142990	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Dodecane	170	C12H26	000112-40-3	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
4		Heptacosane	380	C27H56	000593-49-7	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NON-UST-03R-A

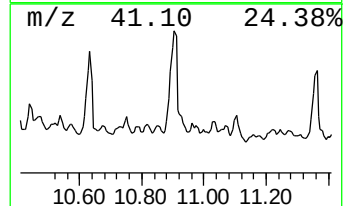
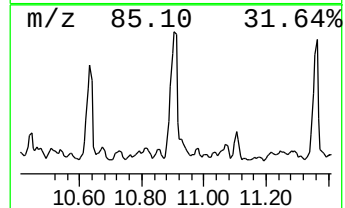
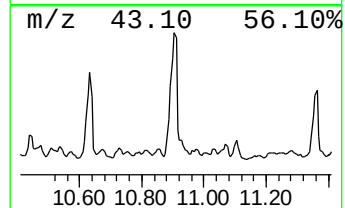
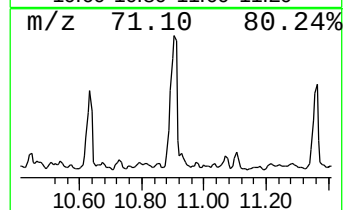
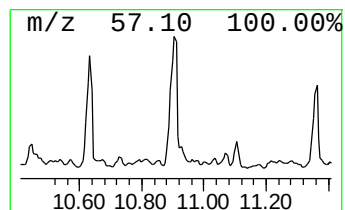
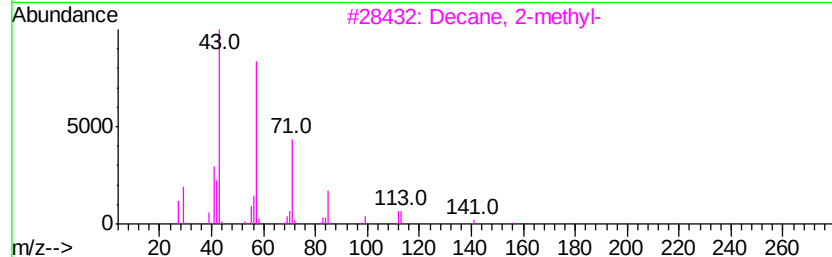
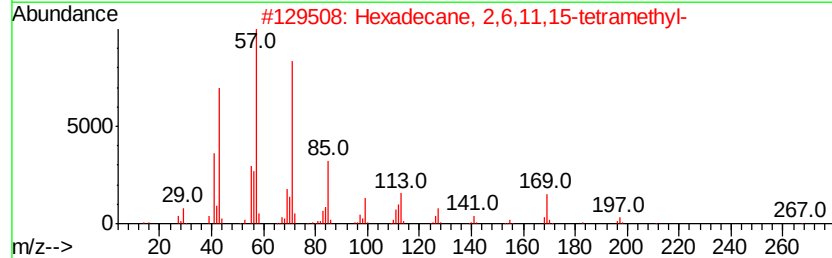
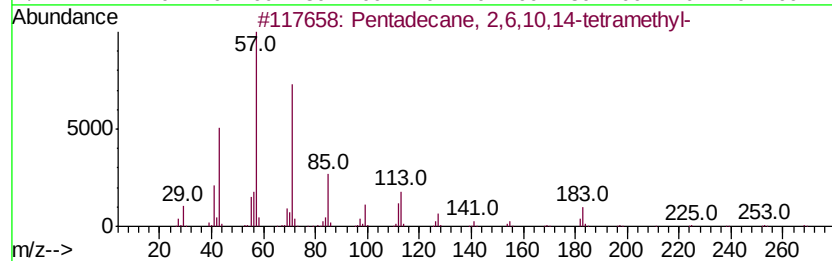
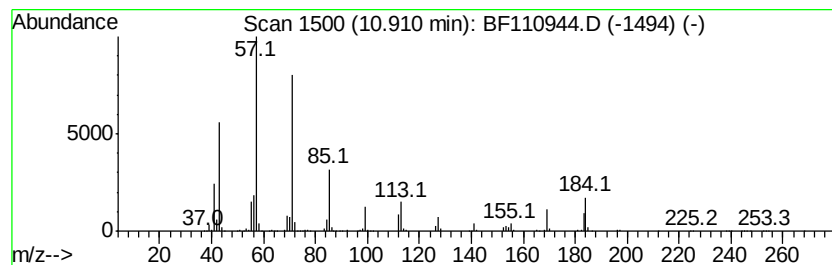
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	74.10 ng	7913920	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	81
2		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	64
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110944.D
Acq On : 23 Nov 2018 15:18
Operator : JU/SJ
Sample : J6003-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NON-UST-03R-A

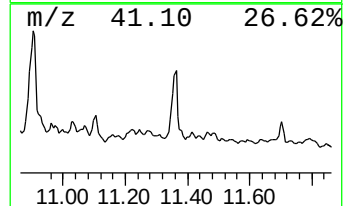
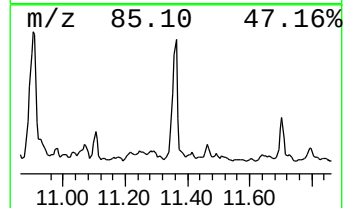
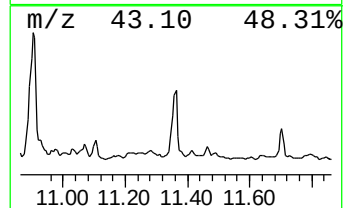
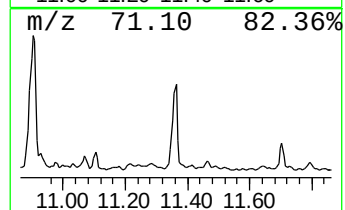
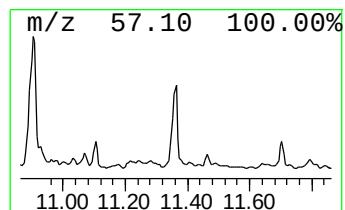
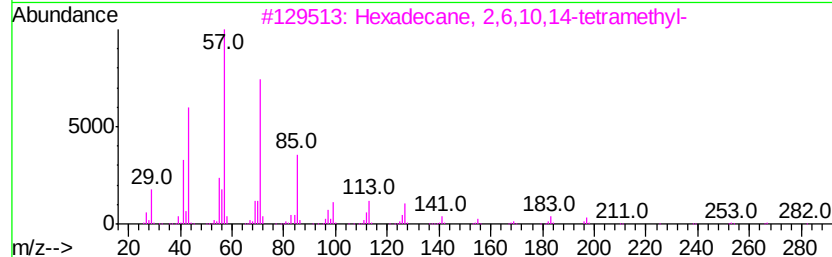
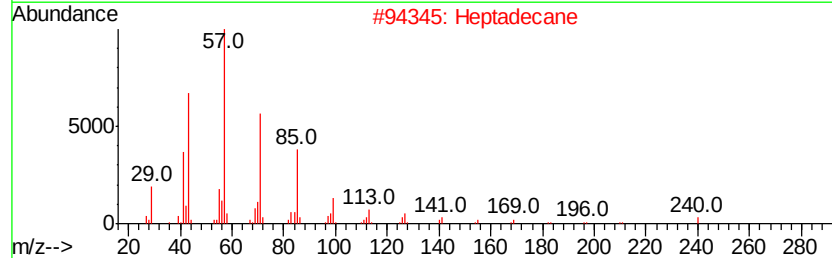
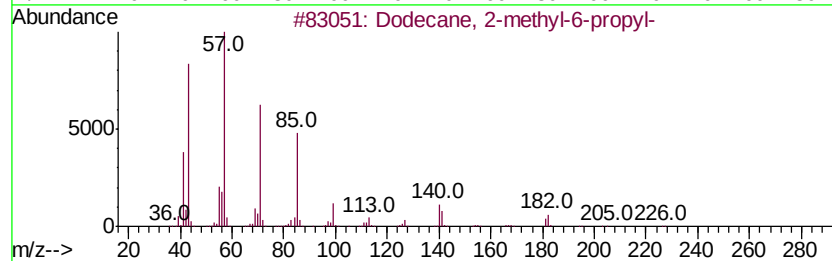
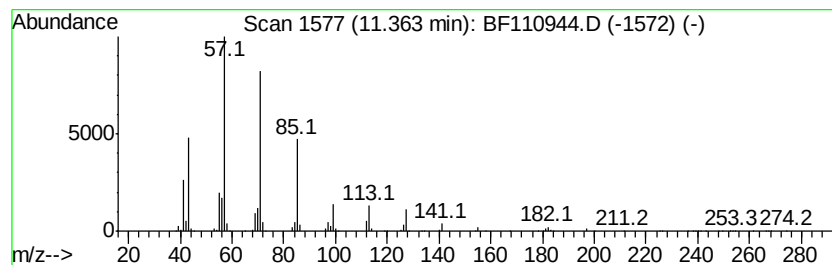
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	40.52 ng	4327500	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
2		Heptadecane	240	C17H36	000629-78-7	83
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	78
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112318\
 Data File : BF110944.D
 Acq On : 23 Nov 2018 15:18
 Operator : JU/SJ
 Sample : J6003-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
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unknown9.13	9.13	43.4	ng	1974330	3	10.00	910038	20.0
Dodecane	9.25	81.9	ng	3727200	3	10.00	910038	20.0
Sulfurous acid, b...	9.39	39.3	ng	1786980	3	10.00	910038	20.0
Naphthalene, 1,6-...	9.60	140.0	ng	6369670	3	10.00	910038	20.0
Naphthalene, 1,5-...	9.67	135.0	ng	6142180	3	10.00	910038	20.0
Naphthalene, 2,3-...	9.79	111.1	ng	5056780	3	10.00	910038	20.0
Naphthalene, 1-et...	9.86	35.3	ng	1606310	3	10.00	910038	20.0
Naphthalene, 1,4,...	10.11	75.8	ng	3446800	3	10.00	910038	20.0
Naphthalene, 1,6,...	10.21	66.1	ng	3005690	3	10.00	910038	20.0
Naphthalene, 2,3,...	10.32	72.7	ng	3308920	3	10.00	910038	20.0
Bacchotricuneatin c	10.63	91.0	ng	4142990	3	10.00	910038	20.0
Pentadecane, 2,6,...	10.91	74.1	ng	7913920	4	11.49	2136060	20.0
Dodecane, 2-methy...	11.36	40.5	ng	4327500	4	11.49	2136060	20.0