

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106325.D
 Acq On : 12 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3311-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

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-BF061118.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	3.231	137	152	159	rVB2	92778	224188	4.28%	0.202%
2	5.195	482	486	493	rBV2	199925	313395	5.98%	0.283%
3	5.272	493	499	503	rVB3	109690	190952	3.64%	0.172%
4	5.325	503	508	516	rVB	171344	190829	3.64%	0.172%
5	5.584	546	552	558	rVB	2397977	2308914	44.06%	2.084%
6	5.766	577	583	586	rBV	288326	277343	5.29%	0.250%
7	5.866	596	600	602	rVV2	174673	216443	4.13%	0.195%
8	6.001	617	623	625	rBV3	147099	195594	3.73%	0.177%
9	6.213	654	659	664	rVV3	149961	264929	5.06%	0.239%
10	6.507	707	709	714	rVB3	219231	226935	4.33%	0.205%
11	6.584	717	722	724	rBV	1682331	1585706	30.26%	1.431%
12	6.736	743	748	752	rBV	3566313	3776472	72.07%	3.408%
13	6.889	770	774	777	rBV3	205916	217582	4.15%	0.196%
14	6.931	777	781	783	rBV4	199575	234632	4.48%	0.212%
15	6.972	783	788	791	rVB	1549843	1378782	26.31%	1.244%
16	7.131	809	815	817	rBV	3759214	4014008	76.60%	3.622%
17	7.154	817	819	821	rVB	834158	643859	12.29%	0.581%
18	7.213	827	829	832	rBV	939006	848212	16.19%	0.765%
19	7.236	832	833	836	rVB	268195	213231	4.07%	0.192%
20	7.307	842	845	848	rVB	979057	742053	14.16%	0.670%
21	7.366	851	855	858	rBV2	653416	700209	13.36%	0.632%
22	7.472	870	873	875	rBV	438032	513137	9.79%	0.463%
23	7.501	875	878	880	rVV	2088310	1999686	38.16%	1.804%
24	7.536	880	884	888	rVB2	3818440	4482741	85.55%	4.045%
25	7.607	892	896	900	rVB6	751427	1078649	20.58%	0.973%
26	7.660	900	905	910	rBV	665263	741244	14.15%	0.669%
27	7.736	910	918	921	rBV	2362069	2276852	43.45%	2.055%
28	7.778	922	925	929	rVB3	474157	470520	8.98%	0.425%
29	7.848	933	937	938	rBV3	373723	425525	8.12%	0.384%
30	7.866	938	940	942	rVB	371689	260803	4.98%	0.235%
31	7.895	942	945	948	rBV3	979345	1236226	23.59%	1.116%
32	7.995	955	962	965	rBV2	4463128	5240039	100.00%	4.729%
33	8.066	970	974	980	rBV6	741794	1633577	31.17%	1.474%
34	8.119	980	983	985	rBV2	736452	836779	15.97%	0.755%

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35	8.183	991	994	999	rVB6	551157	624968	11.93%	0.564%
36	8.254	999	1006	1011	rBV3	2278982	4217742	80.49%	3.806%
37	8.301	1011	1014	1017	rVB2	1696056	1783290	34.03%	1.609%
38	8.336	1017	1020	1023	rBV3	980594	1114857	21.28%	1.006%
39	8.401	1029	1031	1034	rBV2	683668	649579	12.40%	0.586%
40	8.430	1034	1036	1037	rBV2	316073	270886	5.17%	0.244%
41	8.454	1037	1040	1042	rBV2	974283	917575	17.51%	0.828%
42	8.513	1046	1050	1052	rBV2	1205755	1615477	30.83%	1.458%
43	8.536	1052	1054	1059	rVB4	1101346	1262261	24.09%	1.139%
44	8.595	1062	1064	1068	rBV5	395830	436851	8.34%	0.394%
45	8.636	1068	1071	1073	rBV	798913	748387	14.28%	0.675%
46	8.666	1073	1076	1079	rBV	2390392	2016517	38.48%	1.820%
47	8.760	1089	1092	1096	rBV3	1644014	1663750	31.75%	1.501%
48	8.795	1096	1098	1104	rVB4	810901	992432	18.94%	0.896%
49	8.842	1104	1106	1110	rBV4	717000	732492	13.98%	0.661%
50	8.883	1110	1113	1114	rVV2	477796	448073	8.55%	0.404%
51	8.919	1114	1119	1121	rVV3	1439710	1950081	37.22%	1.760%
52	8.942	1121	1123	1127	rVB4	914670	874779	16.69%	0.789%
53	9.036	1135	1139	1142	rBV6	971695	1714209	32.71%	1.547%
54	9.072	1142	1145	1151	rVB4	1758420	2649649	50.57%	2.391%
55	9.136	1153	1156	1157	rBV2	459143	389104	7.43%	0.351%
56	9.201	1164	1167	1168	rBV2	395013	334024	6.37%	0.301%
57	9.225	1168	1171	1174	rVV4	653353	787746	15.03%	0.711%
58	9.266	1175	1178	1181	rVV	2809737	2800148	53.44%	2.527%
59	9.330	1185	1189	1193	rVB	4097375	4260621	81.31%	3.845%
60	9.366	1193	1195	1196	rBV	391884	323763	6.18%	0.292%
61	9.407	1199	1202	1206	rVB4	597178	728964	13.91%	0.658%
62	9.477	1212	1214	1216	rBV	391776	281213	5.37%	0.254%
63	9.595	1231	1234	1239	rBV3	857354	1219969	23.28%	1.101%
64	9.672	1243	1247	1250	rVV3	1715717	2444937	46.66%	2.206%
65	9.719	1253	1255	1259	rVB2	2198860	2047156	39.07%	1.847%
66	9.777	1263	1265	1268	rVB2	418556	409355	7.81%	0.369%
67	9.860	1276	1279	1284	rVB6	698333	1196726	22.84%	1.080%
68	9.924	1284	1290	1292	rBV5	915397	1301572	24.84%	1.175%
69	9.948	1292	1294	1296	rVB	434830	361027	6.89%	0.326%
70	10.013	1303	1305	1307	rBV2	1072688	873976	16.68%	0.789%
71	10.036	1307	1309	1312	rVB3	628687	477738	9.12%	0.431%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	10.107	1317	1321	1323	rBV3	469997	665452	12.70%	0.600%
73	10.148	1326	1328	1333	rVB5	384178	453432	8.65%	0.409%
74	10.248	1343	1345	1347	rBV	398366	309426	5.91%	0.279%
75	10.330	1356	1359	1362	rBV2	1163621	1275767	24.35%	1.151%
76	10.371	1362	1366	1369	rVB4	804954	1065345	20.33%	0.961%
77	10.442	1375	1378	1383	rVB5	760426	1104670	21.08%	0.997%
78	10.495	1384	1387	1391	rBV2	1431735	1483606	28.31%	1.339%
79	10.560	1395	1398	1399	rBV2	300170	332962	6.35%	0.300%
80	10.583	1400	1402	1405	rVB2	288905	275808	5.26%	0.249%
81	10.648	1410	1413	1415	rVB2	590244	541594	10.34%	0.489%
82	10.695	1419	1421	1423	rBV2	246722	222725	4.25%	0.201%
83	10.771	1429	1434	1436	rBV	1840942	2421453	46.21%	2.185%
84	10.807	1436	1440	1442	rVV	1810159	1816455	34.66%	1.639%
85	10.919	1456	1459	1463	rVB	765511	756528	14.44%	0.683%
86	11.124	1491	1494	1499	rBV5	300859	460186	8.78%	0.415%
87	11.189	1503	1505	1508	rVV3	209959	202919	3.87%	0.183%
88	11.219	1508	1510	1517	rVB6	267283	283698	5.41%	0.256%
89	11.377	1535	1537	1541	rBV3	364945	354108	6.76%	0.320%
90	11.442	1546	1548	1554	rVB4	236588	310408	5.92%	0.280%
91	11.501	1555	1558	1564	rBV	1411491	1650476	31.50%	1.489%
92	11.877	1619	1622	1626	rVB	198896	201439	3.84%	0.182%
93	12.018	1643	1646	1650	rBV	604484	542458	10.35%	0.490%
94	12.236	1680	1683	1686	rBV	287204	272425	5.20%	0.246%
95	12.760	1769	1772	1776	rVB	397444	317263	6.05%	0.286%
96	12.801	1776	1779	1787	rVB	287877	293238	5.60%	0.265%
97	13.083	1823	1827	1831	rBV	3824455	3753663	71.63%	3.387%
98	13.965	1974	1977	1987	rVB	255693	242695	4.63%	0.219%
99	14.142	2003	2007	2011	rVB	1446817	1285625	24.53%	1.160%
100	15.671	2262	2267	2277	rVB	810536	1039397	19.84%	0.938%

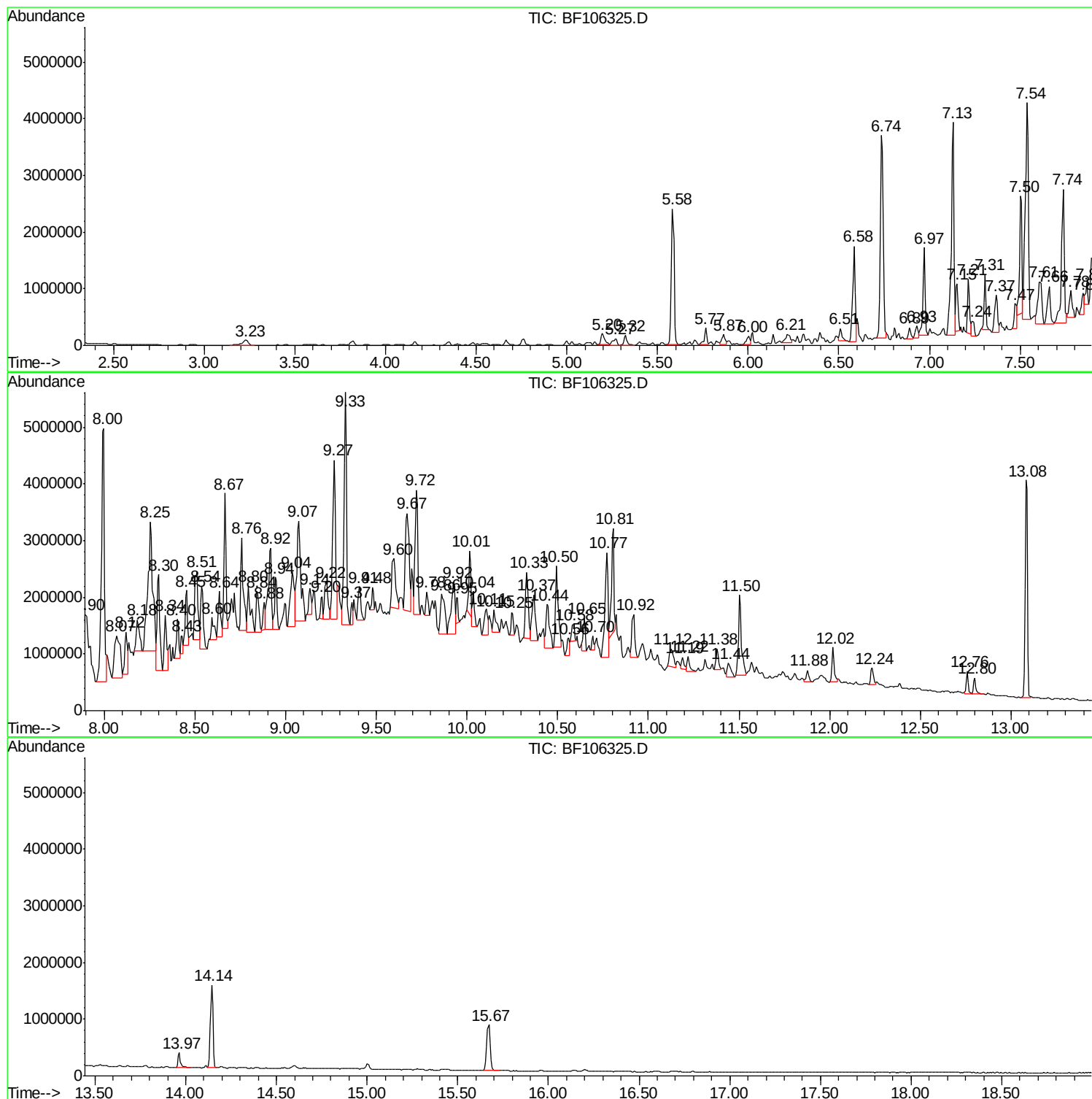
Sum of corrected areas: 110817161

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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.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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Instrument :
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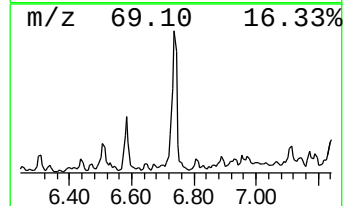
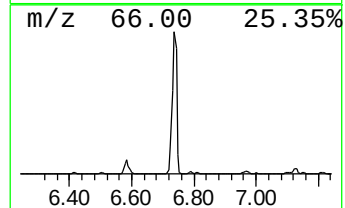
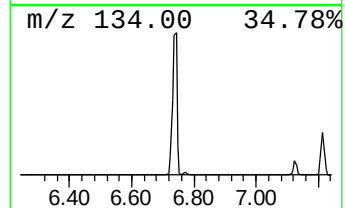
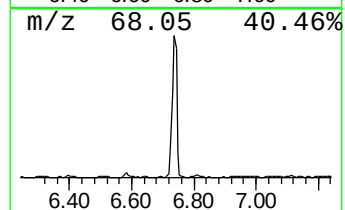
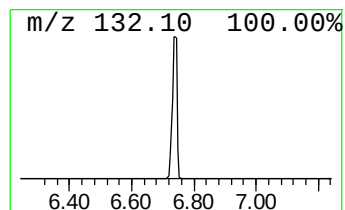
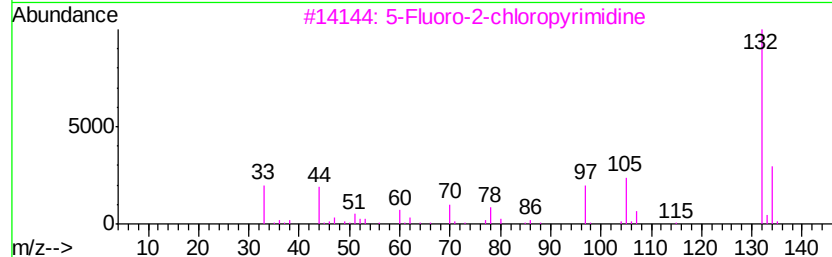
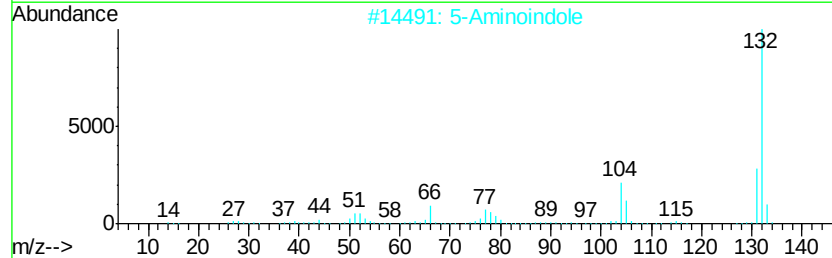
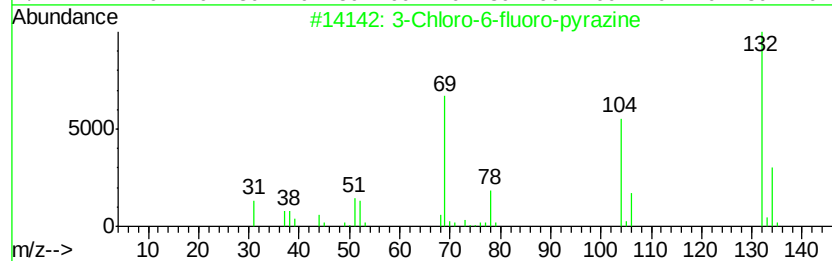
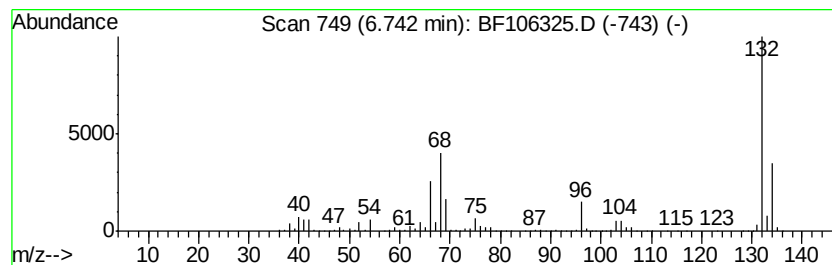
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	54.78 ng	3776470	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4			Xenon	132	Xe	007440-63-3	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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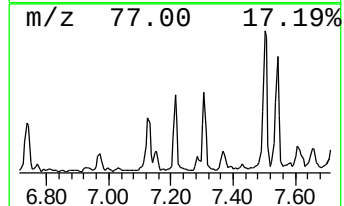
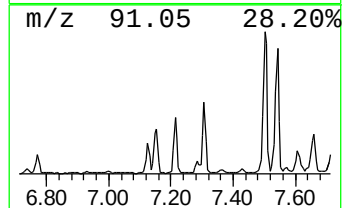
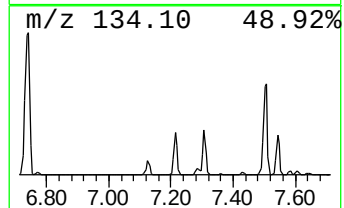
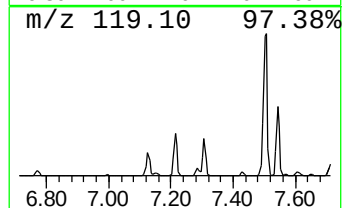
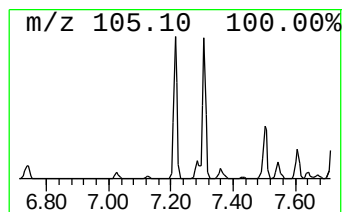
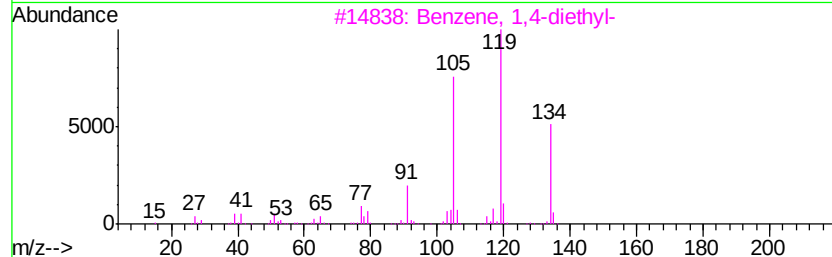
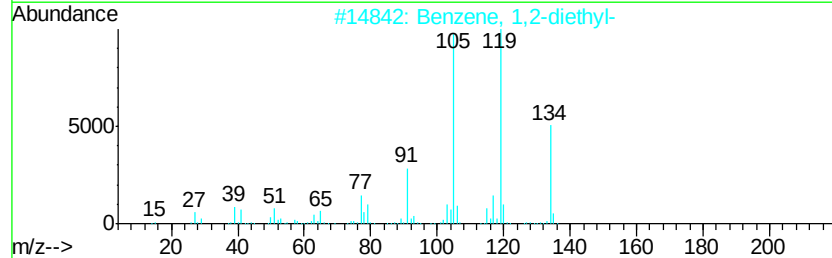
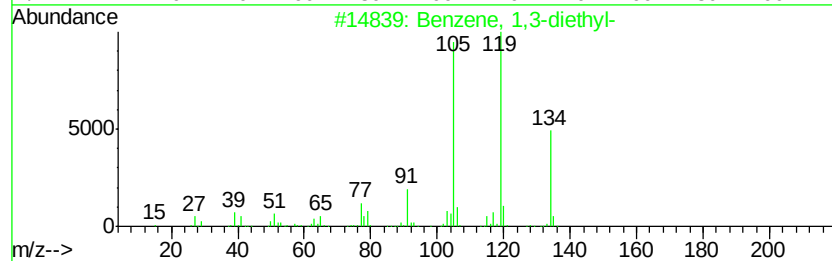
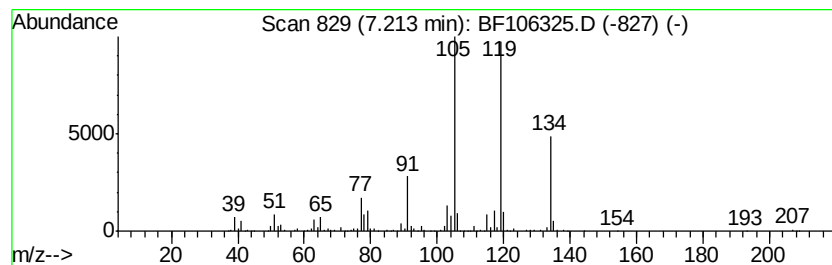
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	12.30 ng	848212	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	83



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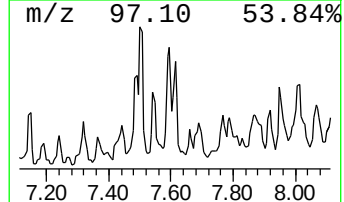
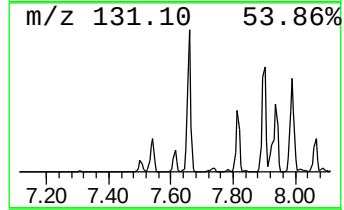
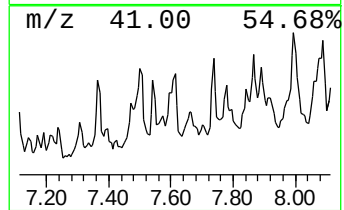
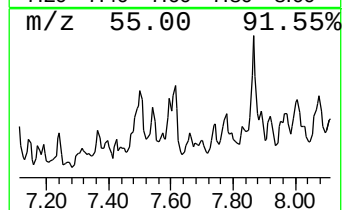
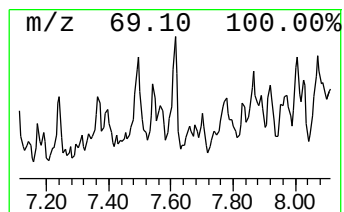
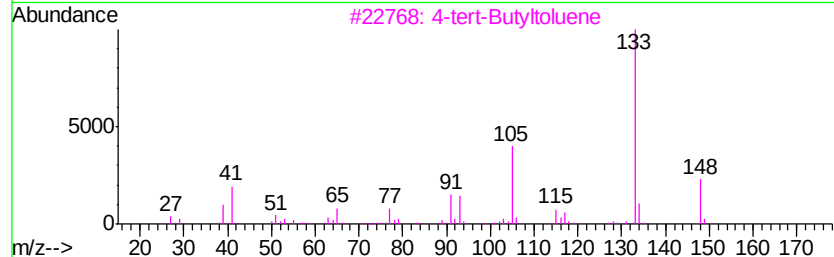
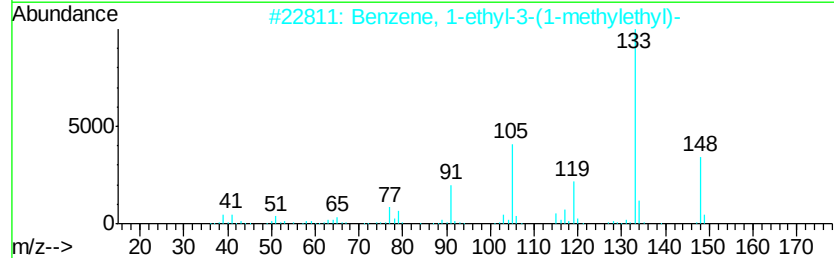
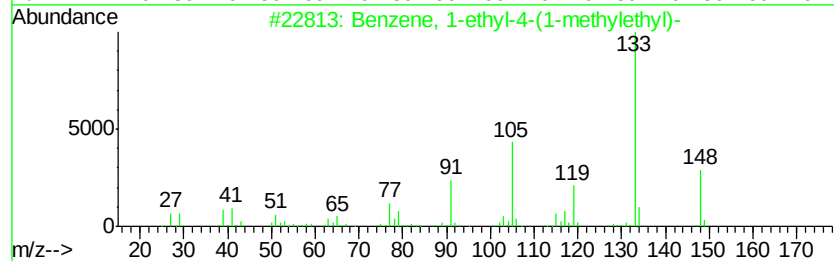
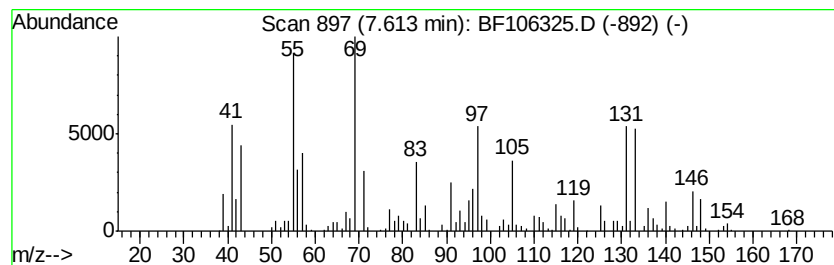
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-4-(1-methylethyl) Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	15.65 ng	1078650	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	60
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	50
4		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	50
5		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	49



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Sample : J3311-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
MW-03

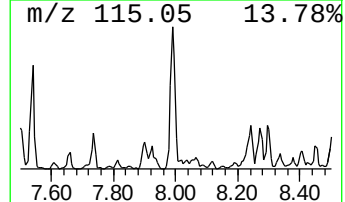
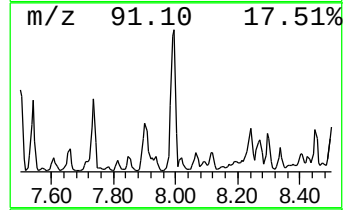
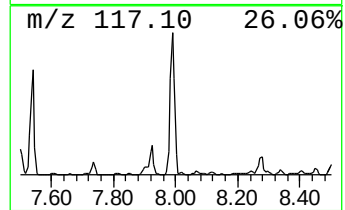
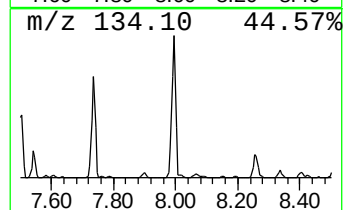
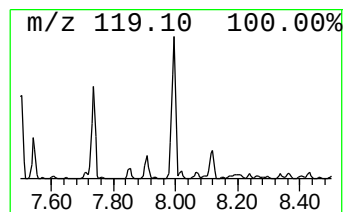
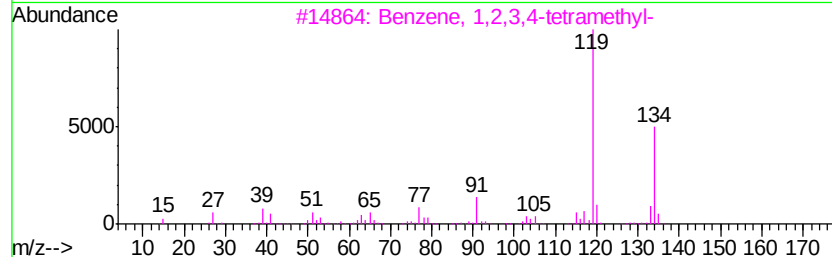
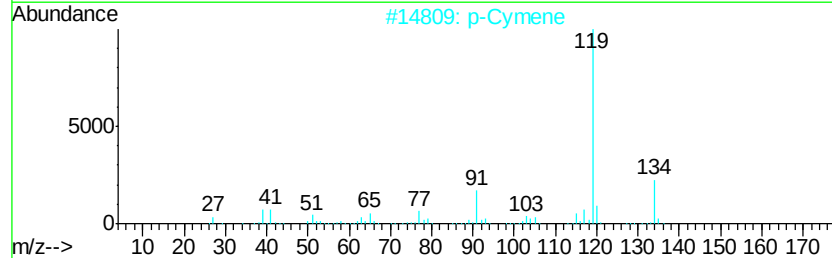
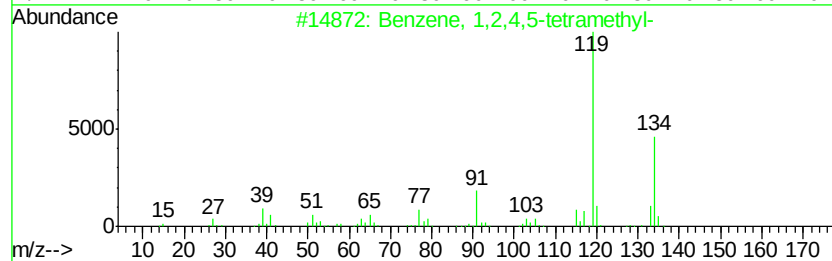
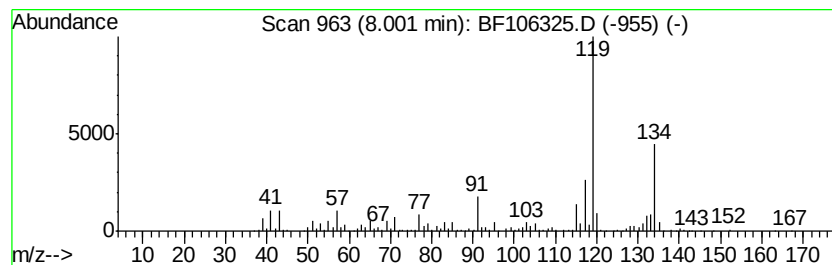
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	24.85 ng	5240040	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
2		p-Cymene	134	C10H14	000099-87-6	70
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
5		o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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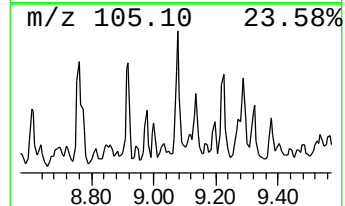
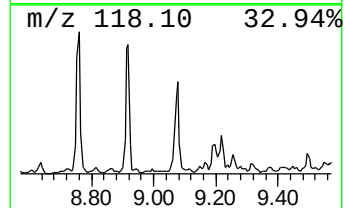
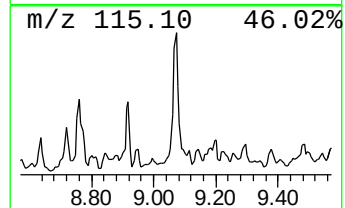
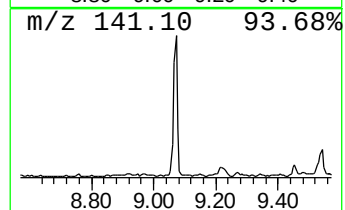
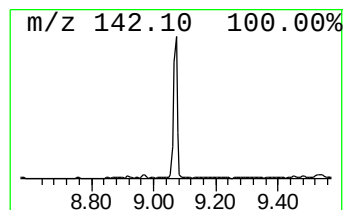
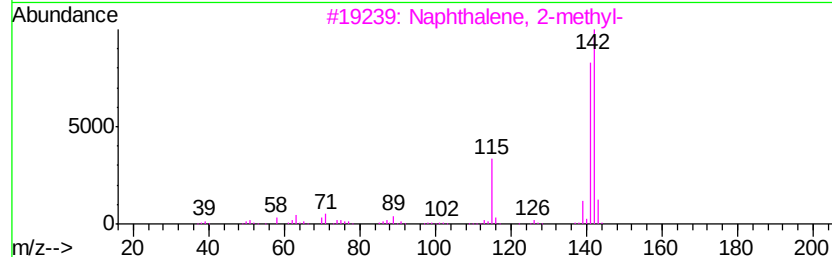
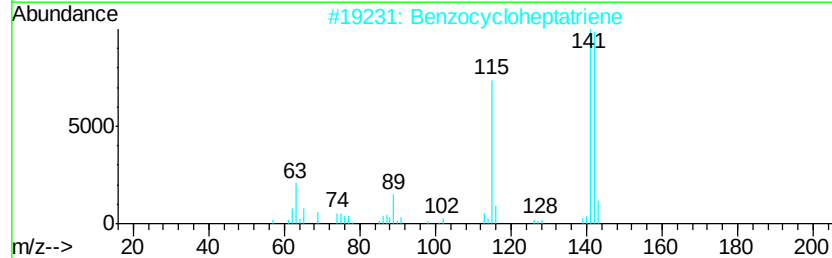
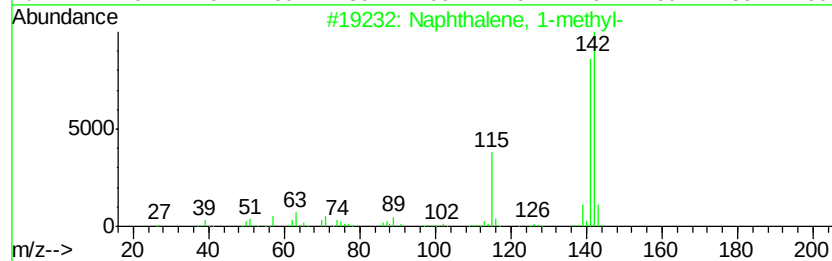
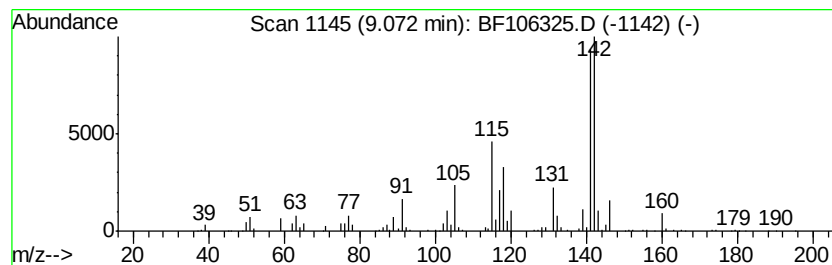
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	12.56 ng	2649650	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	70
2		Benzocycloheptatriene	142	C11H10	000264-09-5	70
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	64
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	62
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
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Sample : J3311-03
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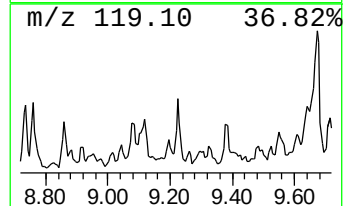
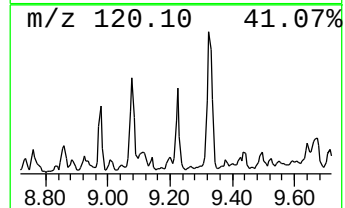
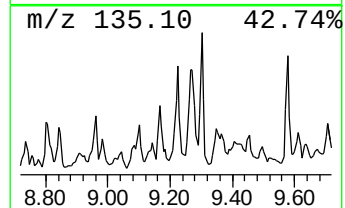
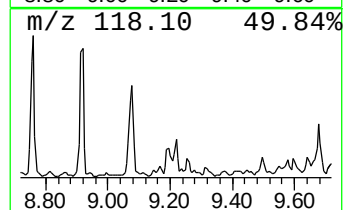
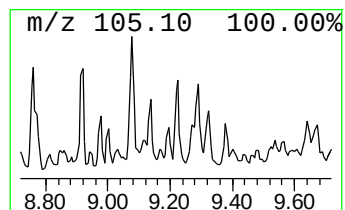
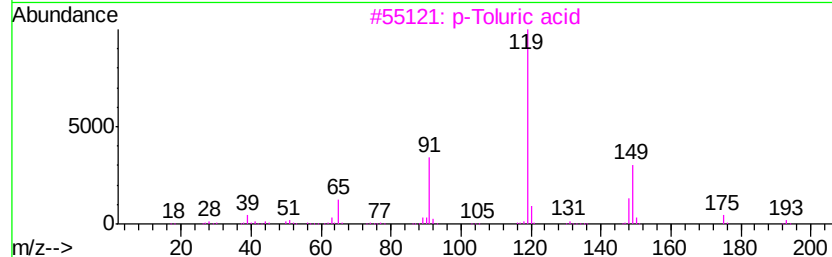
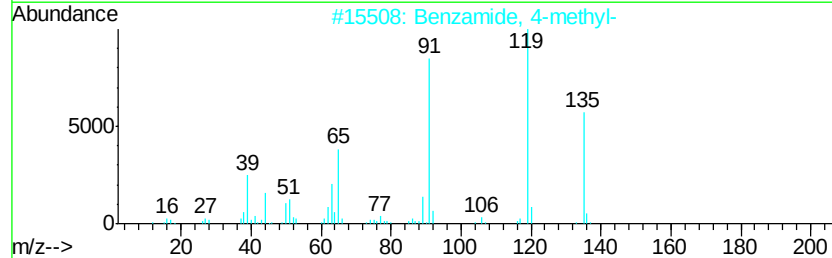
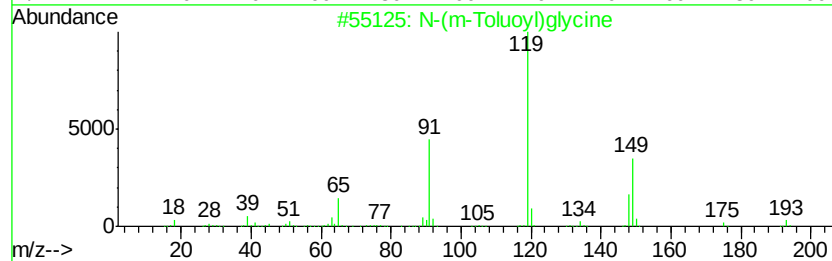
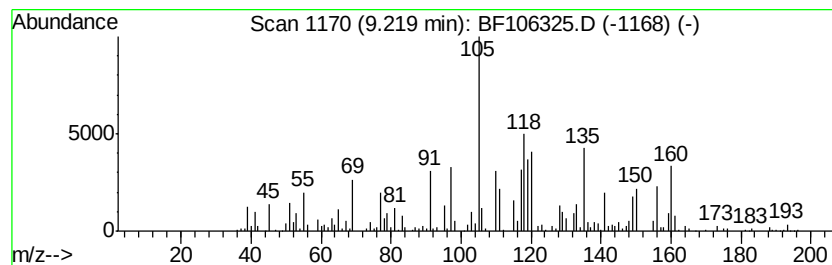
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.22 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	18.03 ng	787746	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(m-Toluovl)glycine	193	C10H11NO3	027115-49-7	38
2		Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	30
3		p-Toluric acid	193	C10H11NO3	027115-50-0	25
4		Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	25
5		Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
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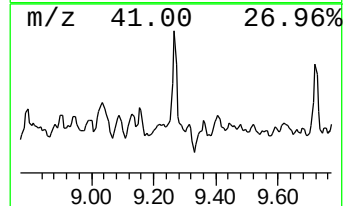
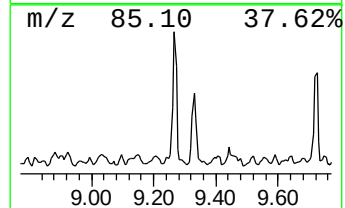
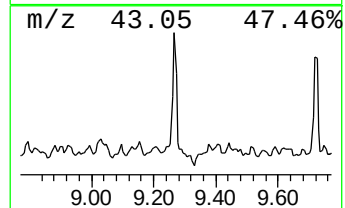
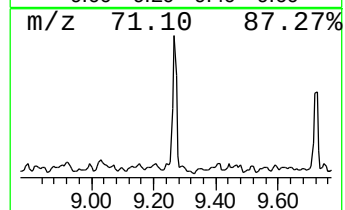
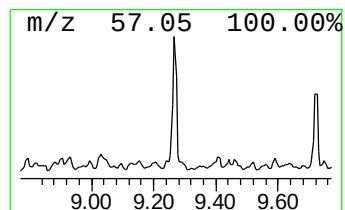
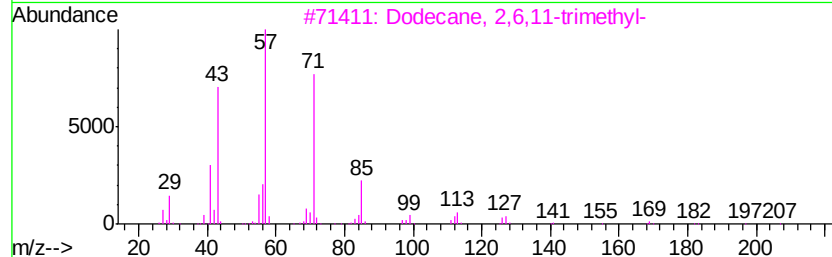
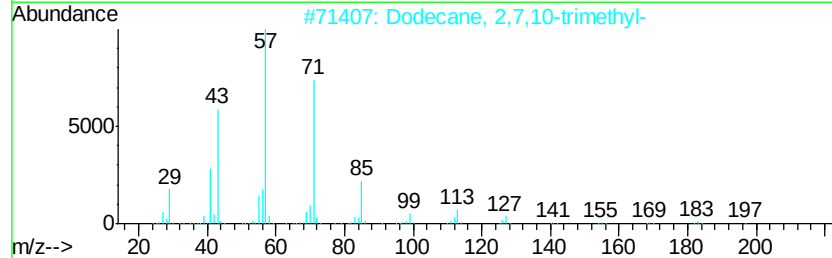
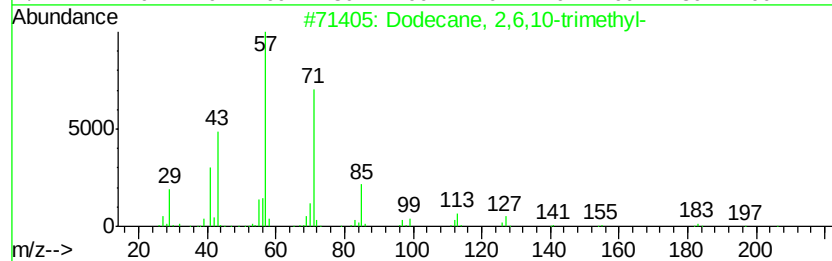
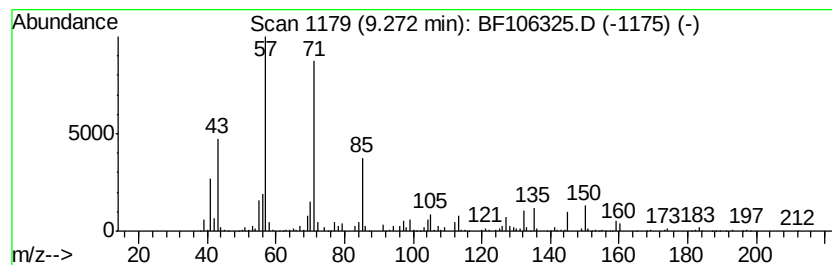
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	64.08 ng	2800150	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5		Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	59



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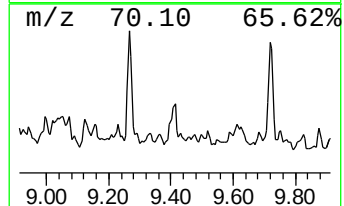
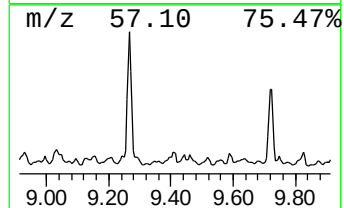
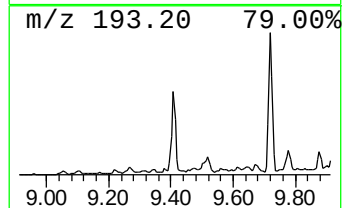
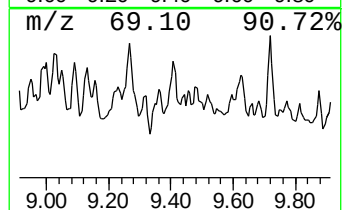
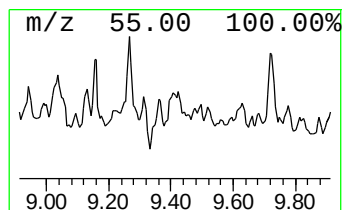
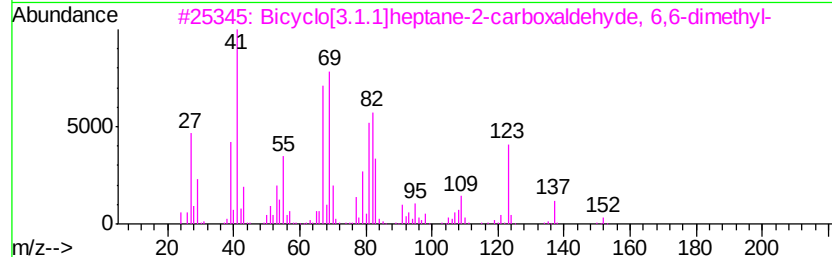
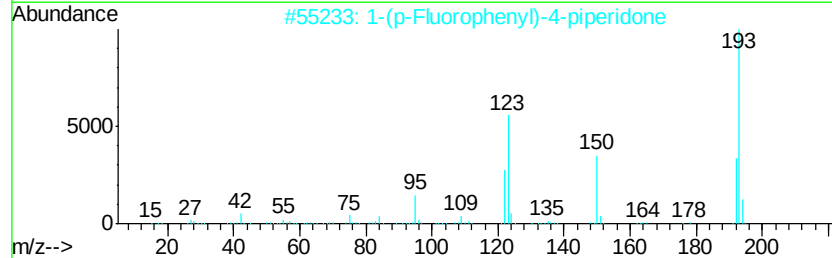
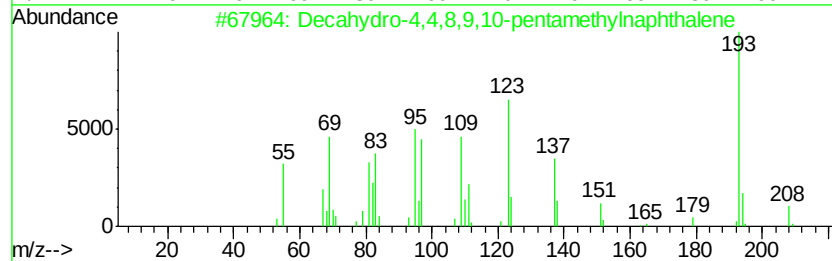
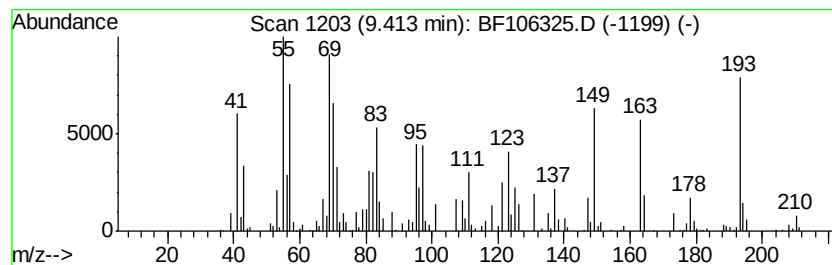
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.41 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	16.68 ng	728964	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
3		Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	22
4		3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	22
5		Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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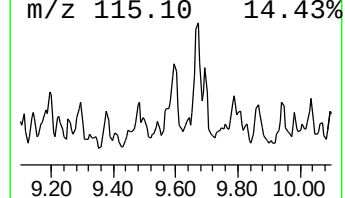
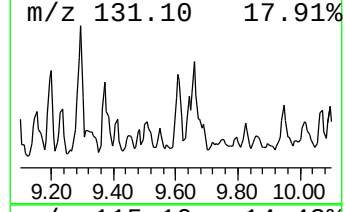
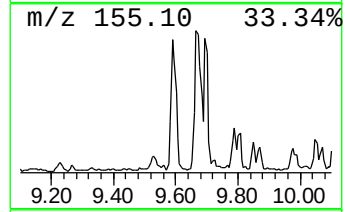
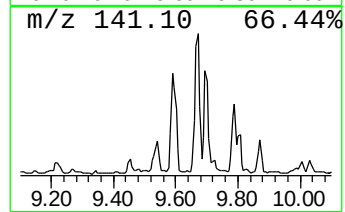
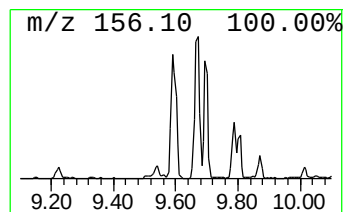
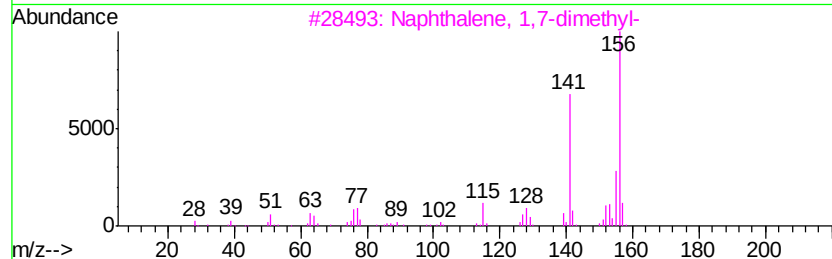
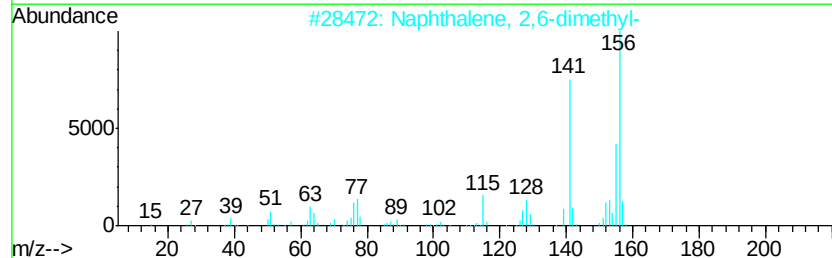
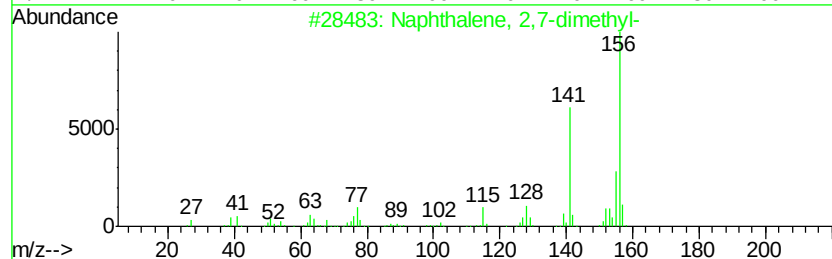
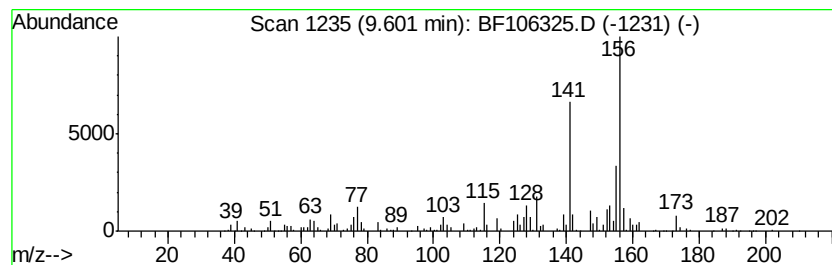
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	27.92 ng	1219970	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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ClientSampleId :
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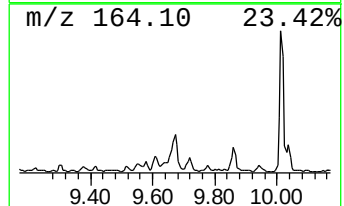
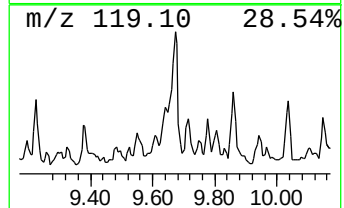
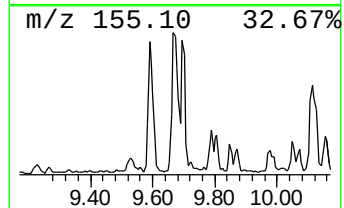
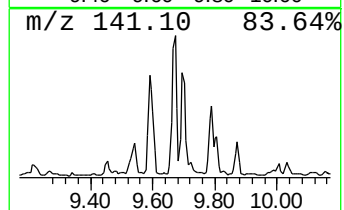
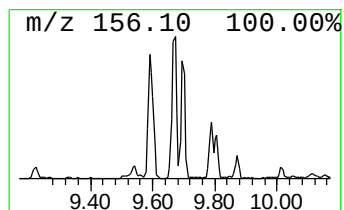
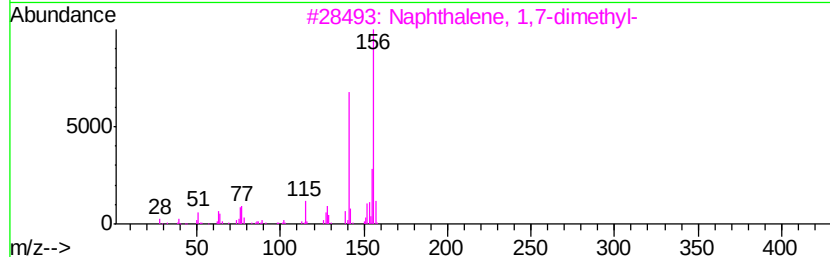
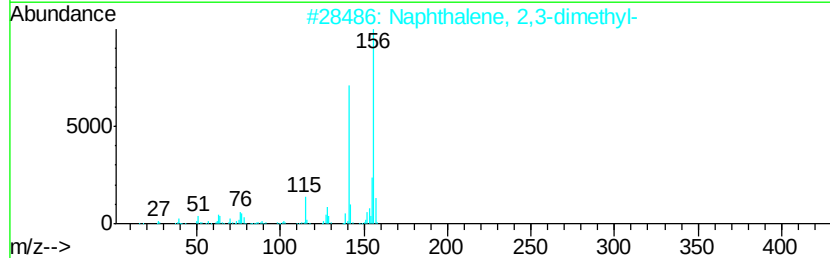
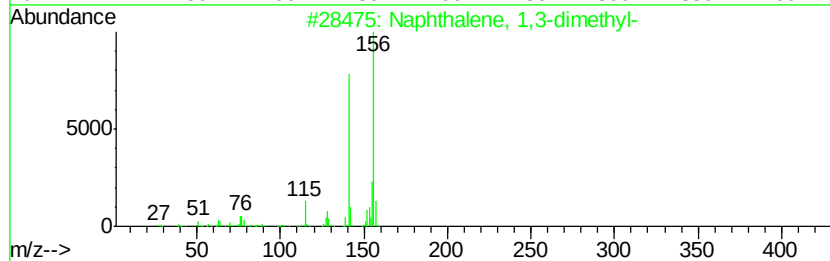
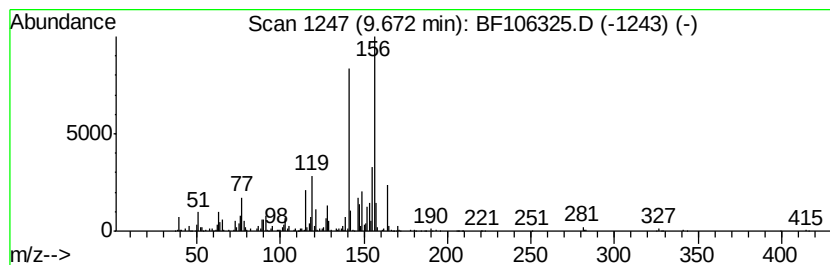
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	55.95 ng	2444940	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
Acq On : 12 Jun 2018 5:57
Operator : JU/SJ
Sample : J3311-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-03

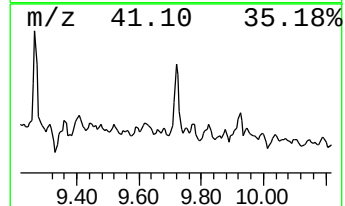
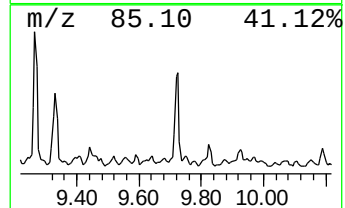
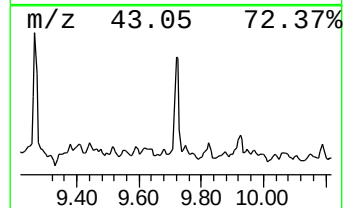
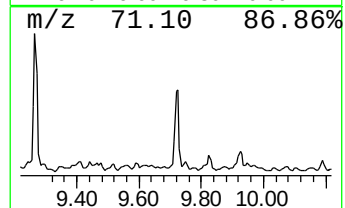
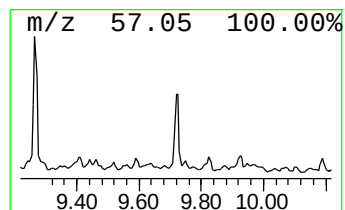
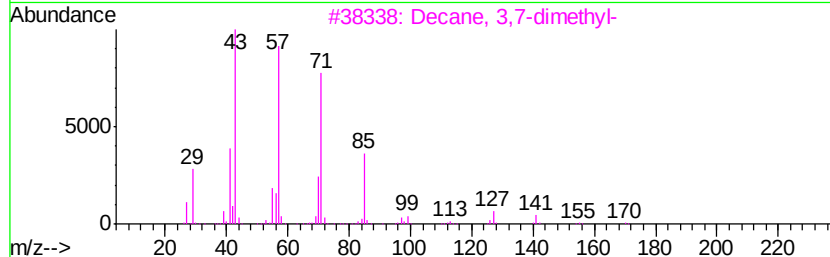
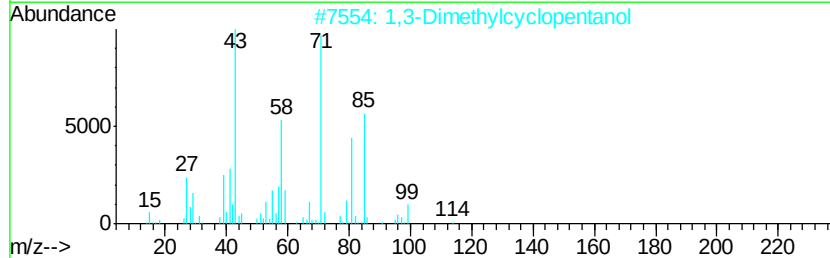
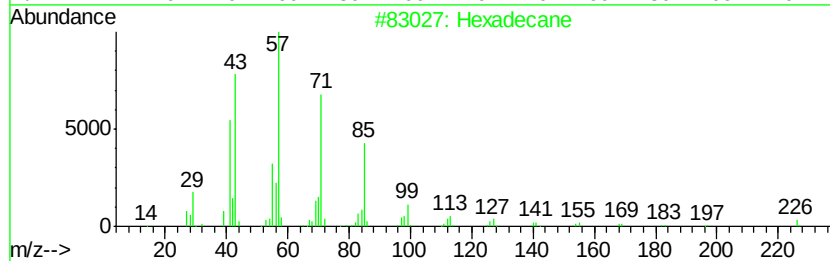
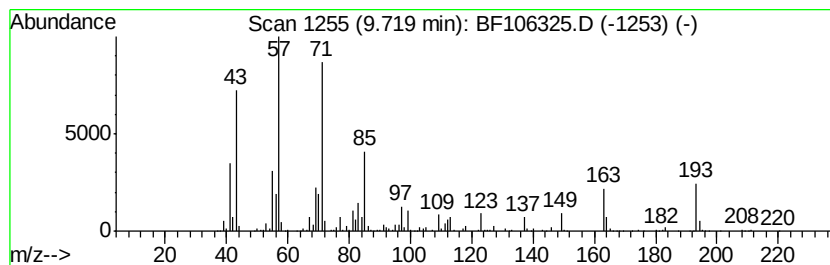
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	46.85 ng	2047160	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	50
2		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
3		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	47
4		Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	47
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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ClientSampleId :
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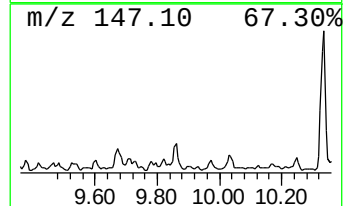
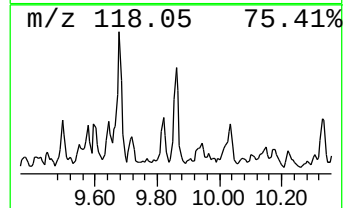
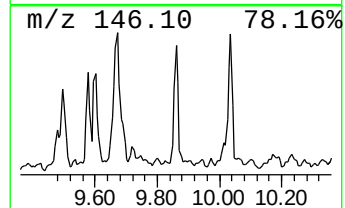
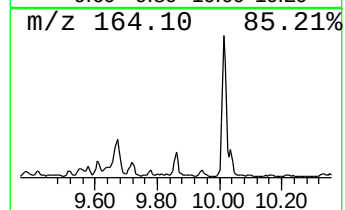
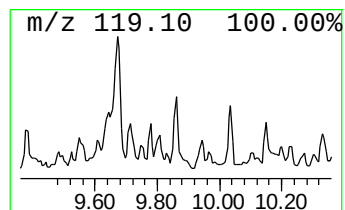
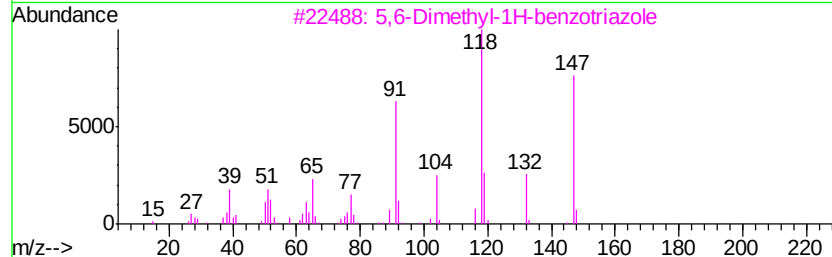
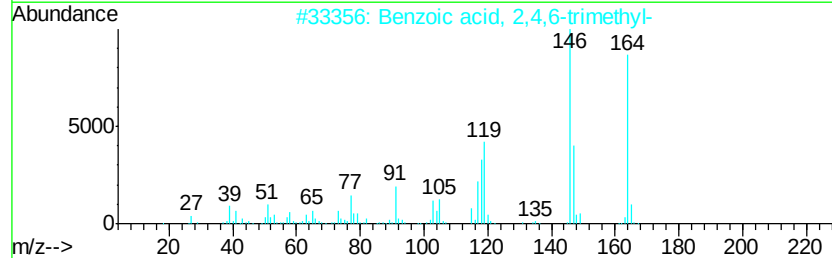
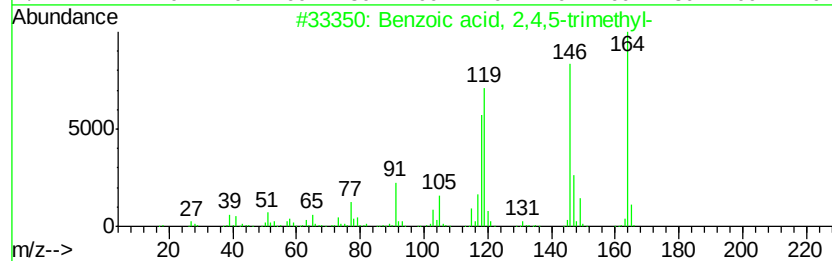
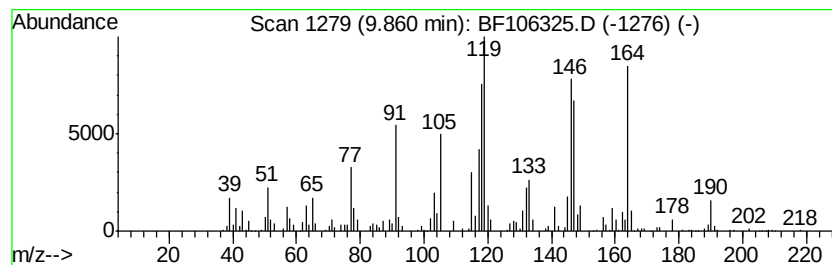
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	27.39 ng	1196730	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	90
2		Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	53
3		5,6-Dimethyl-1H-benzotriazole	147	C8H9N3	004184-79-6	48
4		2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	46
5		Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
Acq On : 12 Jun 2018 5:57
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ClientSampleId :
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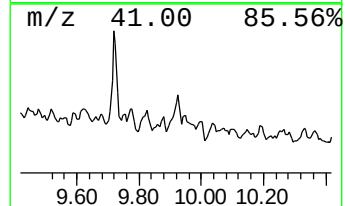
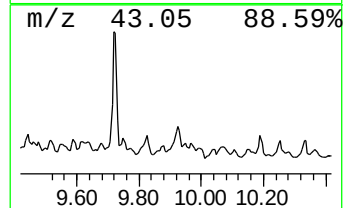
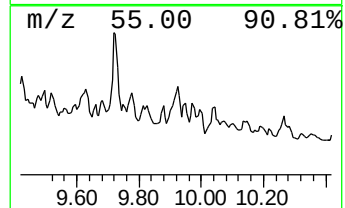
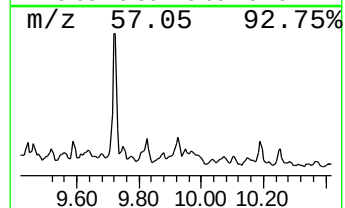
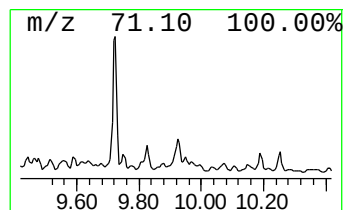
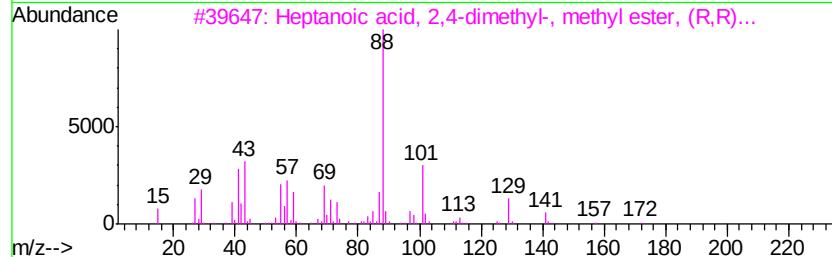
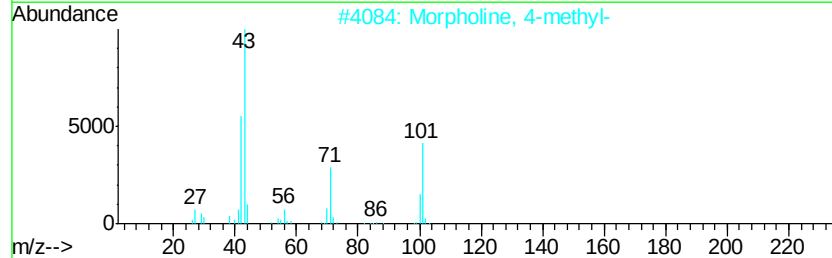
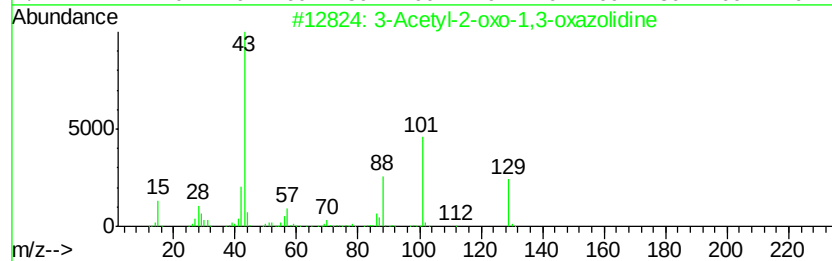
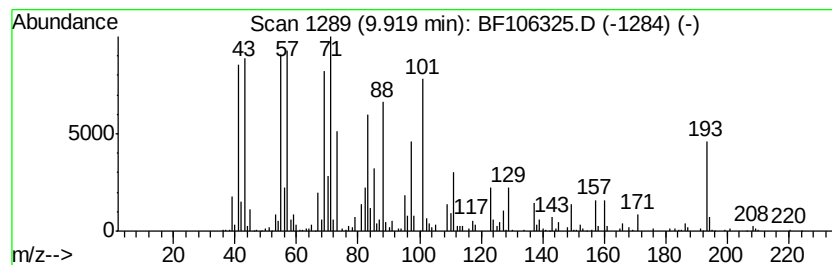
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	29.79 ng	1301570	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Acetyl-2-oxo-1,3-oxazolidine	129	C5H7NO3	001432-43-5	27
2		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	22
3		Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018524-86-2	14
4		1,1-Dimethoxycyclopentane	130	C7H14O2	000931-94-2	14
5		Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
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Misc :
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ClientSampleId :
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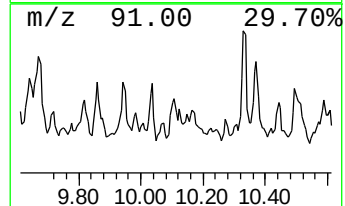
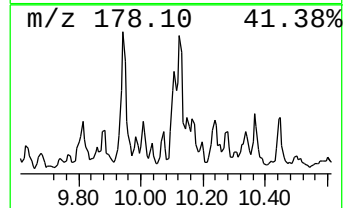
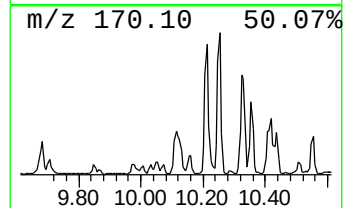
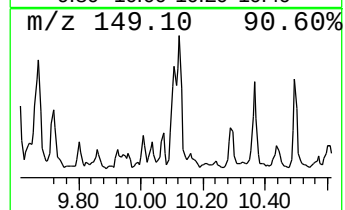
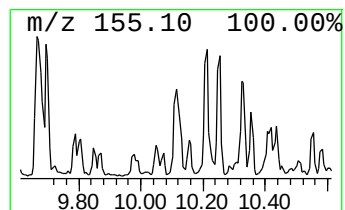
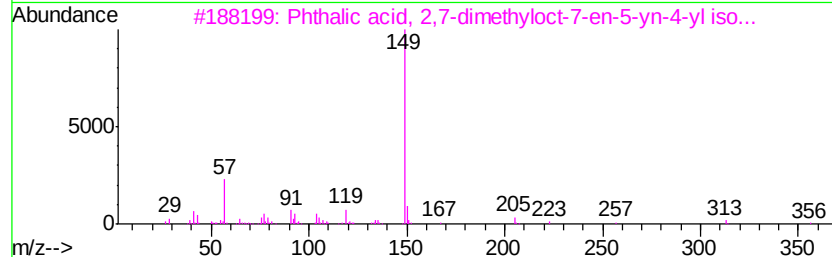
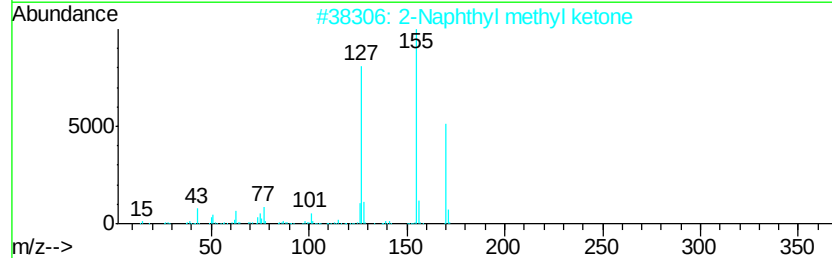
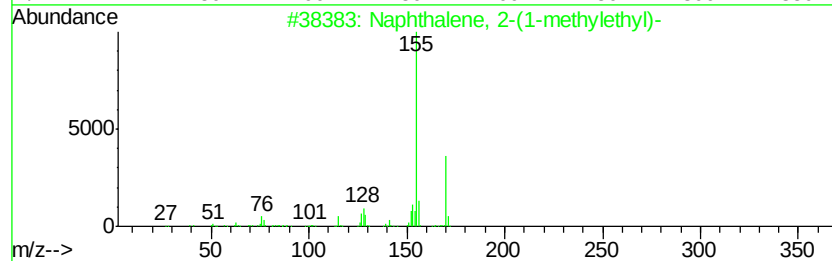
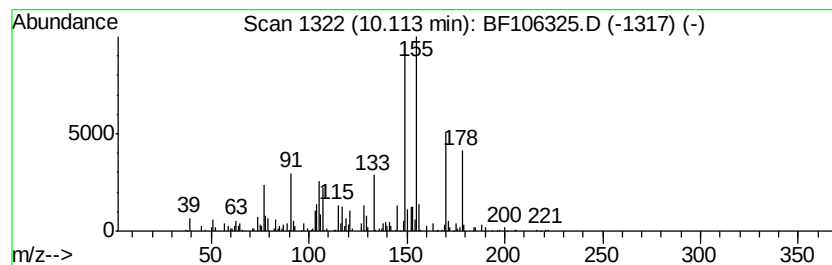
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	15.23 ng	665452	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38
2		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	25
3		Phthalic acid, 2,7-dimethyloct-7...	356	C22H28O4	1000315-49-7	22
4		2-t-Butyl-6-[2-hydroxy-2-(2,4,6-...	318	C19H26O4	1000192-88-0	22
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
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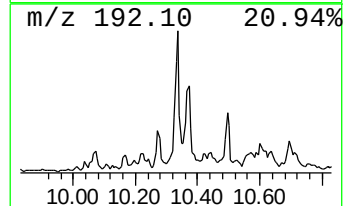
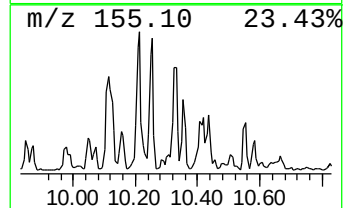
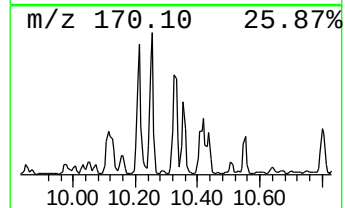
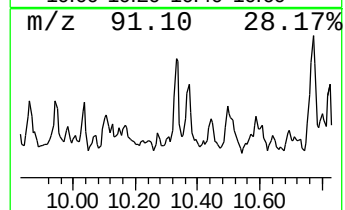
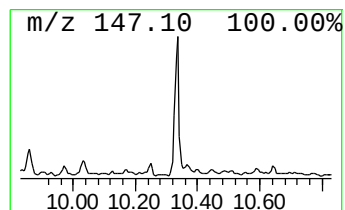
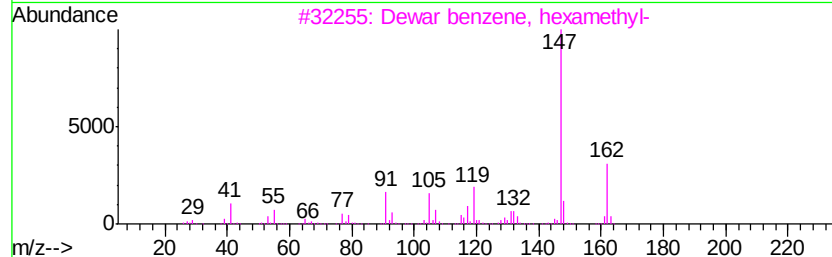
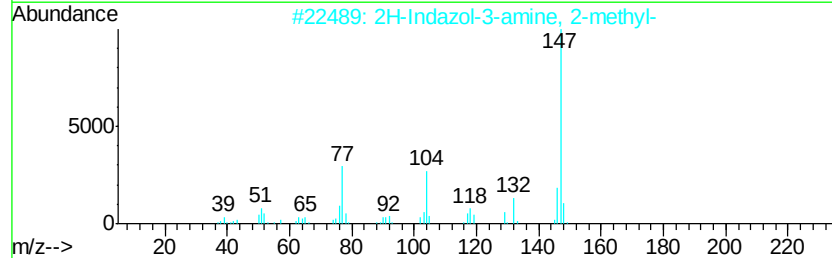
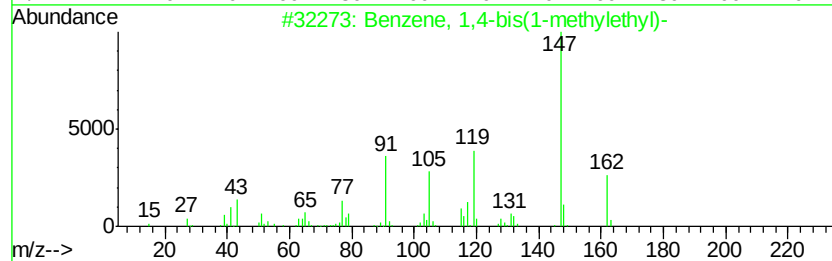
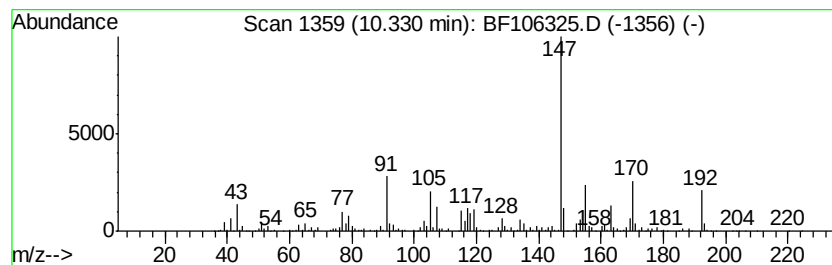
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.33 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	29.19 ng	1275770	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,4-bis(1-methylethyl)-	162 C12H18	000100-18-5 43
2		2H-Indazol-3-amine, 2-methyl-	147 C8H9N3	097990-19-7 38
3		Dewar benzene, hexamethyl-	162 C12H18	007641-77-2 38
4		Benzene, 1-(1,1-dimethylethyl)-4...	162 C12H18	007364-19-4 38
5		2,6-Dimethylphenyl isocyanate	147 C9H9NO	028556-81-2 38



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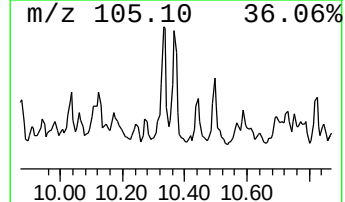
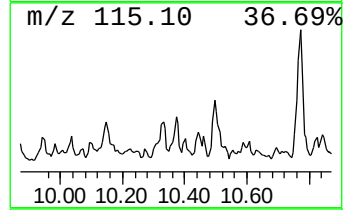
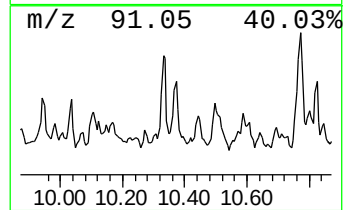
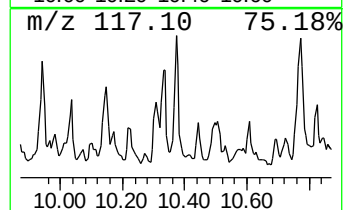
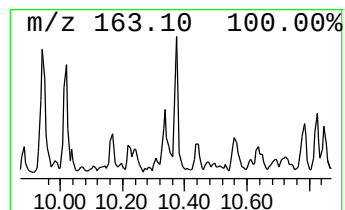
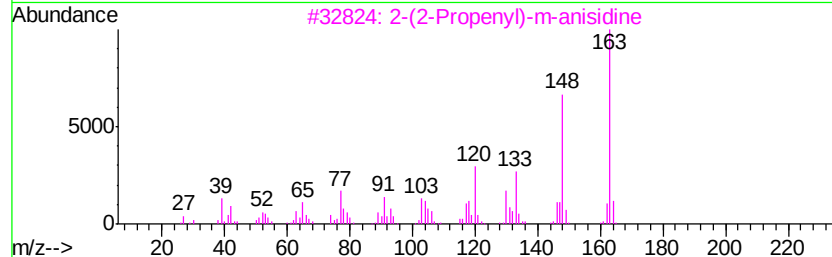
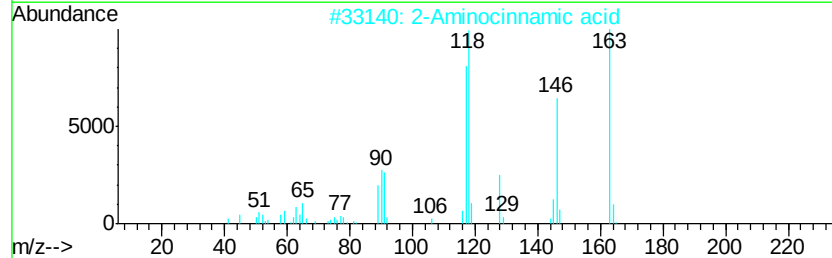
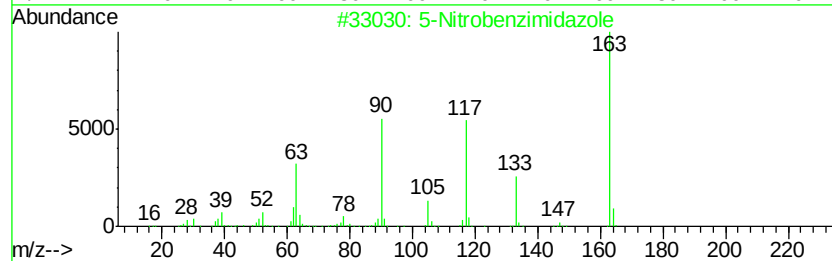
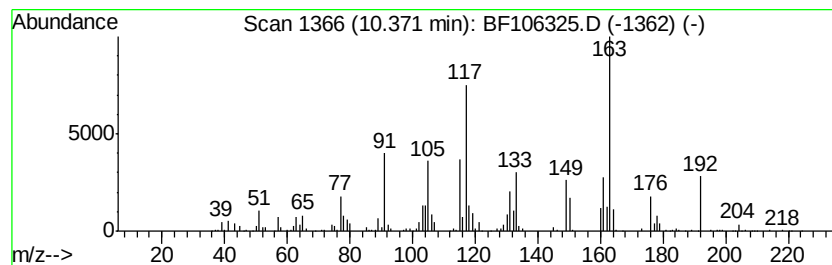
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Nitrobenzimidazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	24.38 ng	1065350	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Nitrobenzimidazole	163	C7H5N3O2	1000229-89-5	50
2		2-Aminocinnamic acid	163	C9H9NO2	1000128-93-5	46
3		2-(2-Propenyl)-m-anisidine	163	C10H13NO	194782-58-6	38
4		4-Aminocinnamic acid	163	C9H9NO2	002393-18-2	30
5		Benzonitrile, 3,5-dimethoxy-	163	C9H9NO2	019179-31-8	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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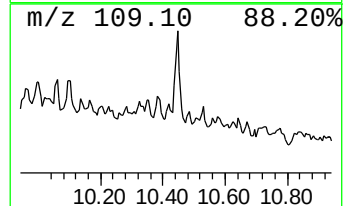
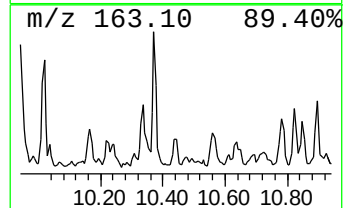
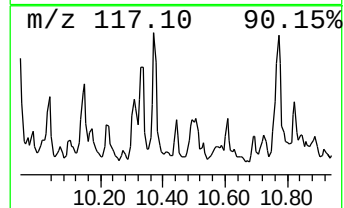
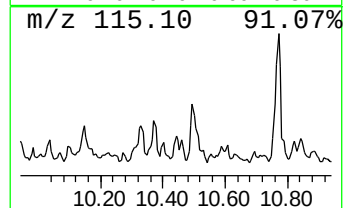
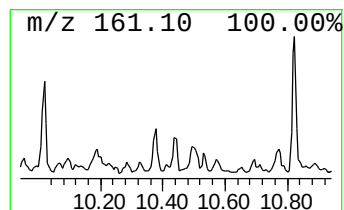
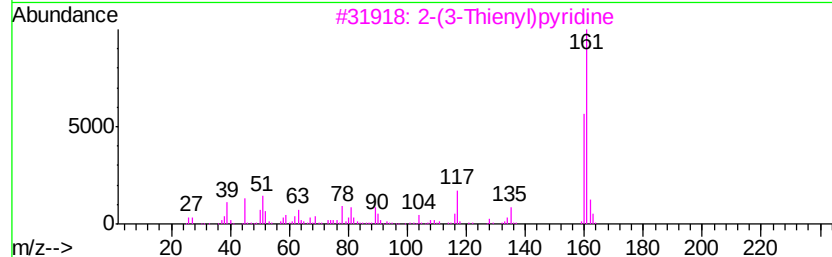
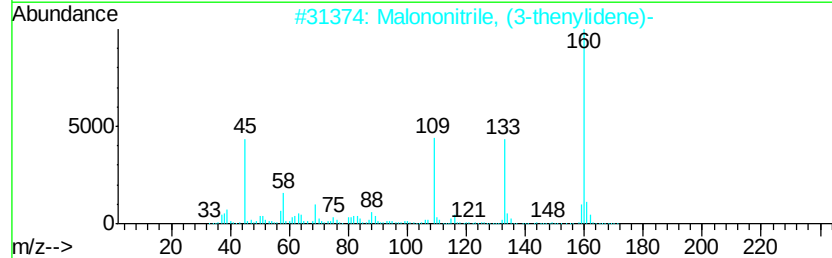
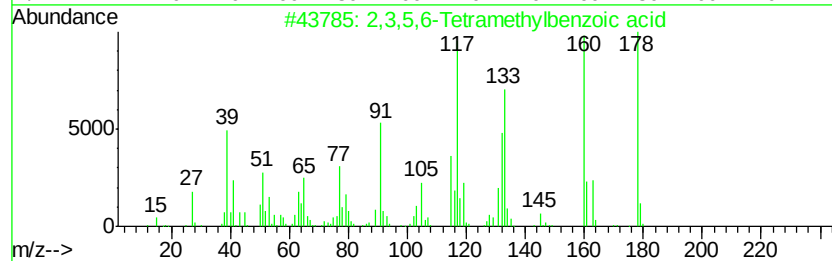
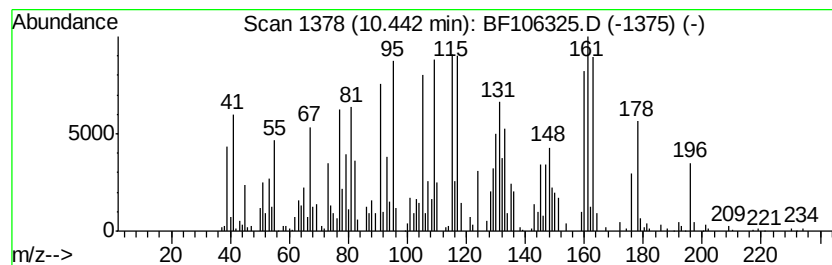
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.44 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	25.28 ng	1104670	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	38
2		Malononitrile, (3-thenylidene)-	160	C8H4N2S	101756-40-5	35
3		2-(3-Thienyl)pyridine	161	C9H7NS	021298-55-5	30
4		1H-Indole-5-carboxaldehyde, 2,3-...	161	C10H11NO	060082-02-2	30
5		2,4,6-Trimethylbenzonitrile, N-o...	161	C10H11NO	002904-57-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
Acq On : 12 Jun 2018 5:57
Operator : JU/SJ
Sample : J3311-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

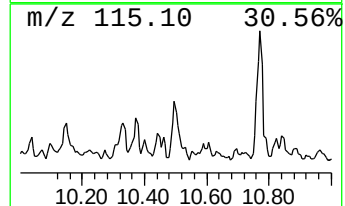
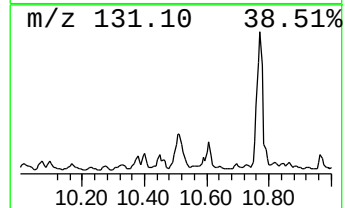
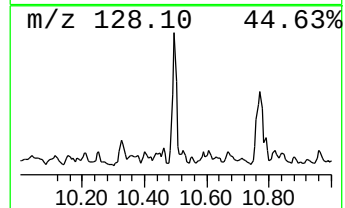
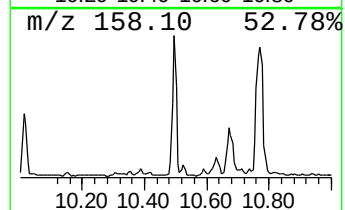
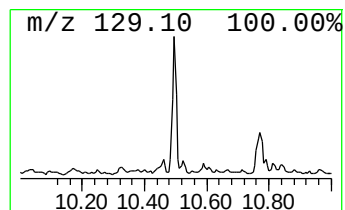
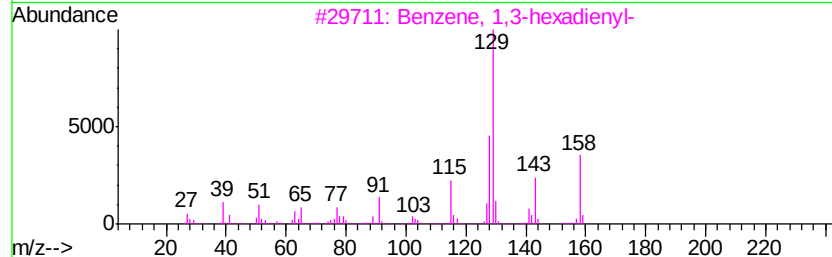
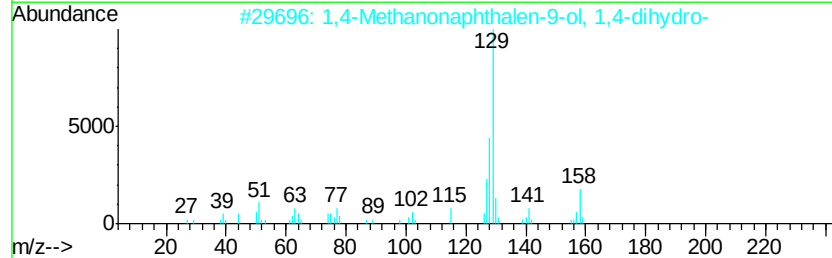
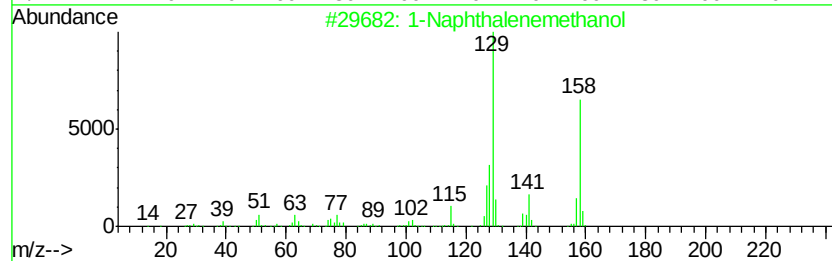
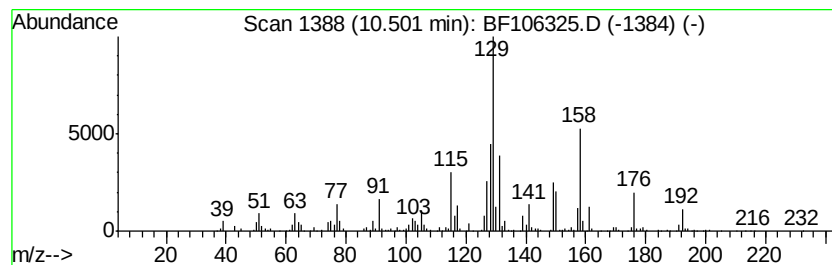
Instrument :
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ClientSampleId :
MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Naphthalenemethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.50	33.95 ng	1483610	Acenaphthene-d10	10.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanol	158	C11H10O	004780-79-4	90
2	1,4-Methanonaphthalen-9-ol, 1,4-...	158	C11H10O	004796-33-2	76
3	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	70
4	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	70
5	2-Naphthalenemethanol	158	C11H10O	001592-38-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106325.D
Acq On : 12 Jun 2018 5:57
Operator : JU/SJ
Sample : J3311-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

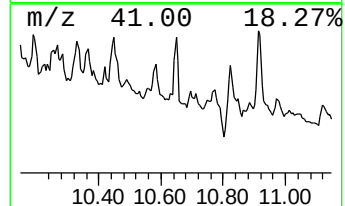
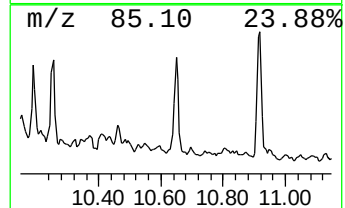
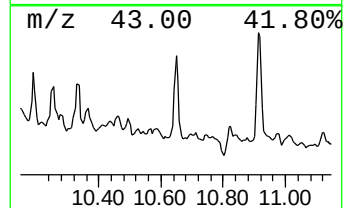
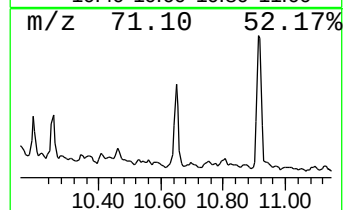
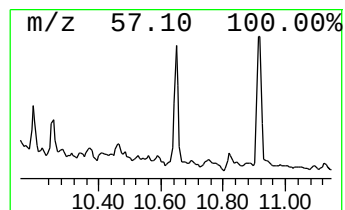
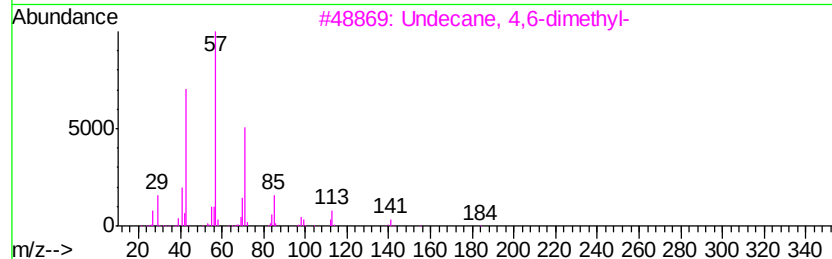
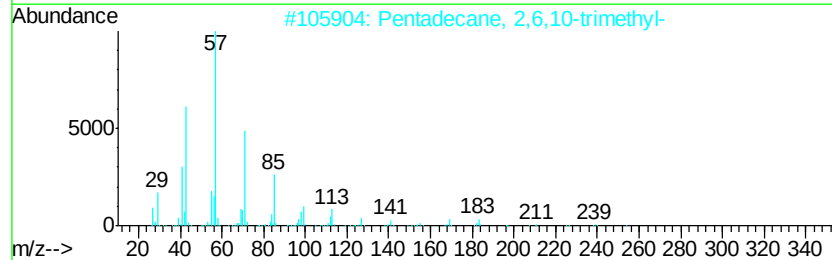
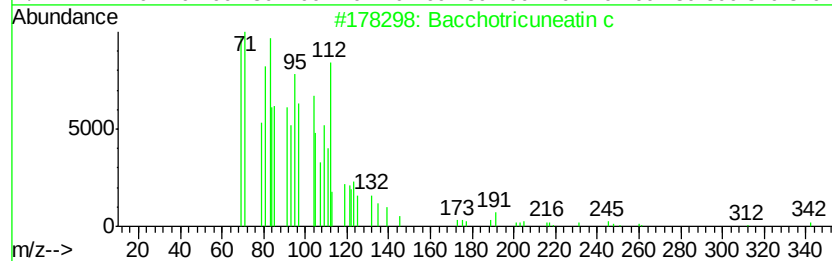
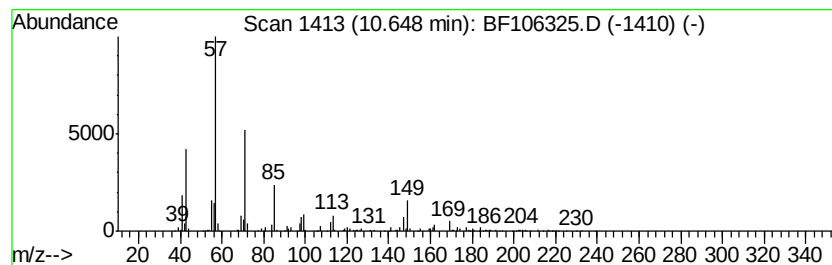
Instrument :
BNA_F
ClientSampleId :
MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.65	12.39 ng	541594	Acenaphthene-d10		10.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106325.D
 Acq On : 12 Jun 2018 5:57
 Operator : JU/SJ
 Sample : J3311-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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
unknown6.74	6.74	54.8	ng	3776470	1	6.97	1378780	20.0
Benzene, 1,3-diet...	7.21	12.3	ng	848212	1	6.97	1378780	20.0
Benzene, 1-ethyl-...	7.61	15.7	ng	1078650	1	6.97	1378780	20.0
Benzene, 1,2,4,5-...	8.00	24.9	ng	5240040	2	8.25	4217740	20.0
Naphthalene, 1-me...	9.07	12.6	ng	2649650	2	8.25	4217740	20.0
unknown9.22	9.22	18.0	ng	787746	3	10.01	873976	20.0
Dodecane, 2,6,10-...	9.27	64.1	ng	2800150	3	10.01	873976	20.0
unknown9.41	9.41	16.7	ng	728964	3	10.01	873976	20.0
Naphthalene, 2,7-...	9.60	27.9	ng	1219970	3	10.01	873976	20.0
Naphthalene, 1,3-...	9.67	56.0	ng	2444940	3	10.01	873976	20.0
Hexadecane	9.72	46.9	ng	2047160	3	10.01	873976	20.0
Benzoic acid, 2,4...	9.86	27.4	ng	1196730	3	10.01	873976	20.0
unknown9.92	9.92	29.8	ng	1301570	3	10.01	873976	20.0
Naphthalene, 2-(1...	10.11	15.2	ng	665452	3	10.01	873976	20.0
unknown10.33	10.33	29.2	ng	1275770	3	10.01	873976	20.0
5-Nitrobenzimidazole	10.37	24.4	ng	1065350	3	10.01	873976	20.0
unknown10.44	10.44	25.3	ng	1104670	3	10.01	873976	20.0
1-Naphthalenemeth...	10.50	34.0	ng	1483610	3	10.01	873976	20.0
Bacchotricuneatin c	10.65	12.4	ng	541594	3	10.01	873976	20.0