

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107454.D
 Acq On : 17 Jul 2018 17:25
 Operator : JU/SJ
 Sample : J3997-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H-S

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-BF071618.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	5.219	486	490	495	rVB	276060	298979	11.31%	0.776%
2	5.613	552	557	560	rBV	2621033	2388572	90.34%	6.196%
3	6.613	721	727	730	rBV	2629730	2539379	96.05%	6.587%
4	6.754	747	751	755	rVB	2677462	2557327	96.72%	6.633%
5	6.801	757	759	763	rBV	39945	40303	1.52%	0.105%
6	6.983	787	790	794	rVB	1264822	1087876	41.15%	2.822%
7	7.142	813	817	820	rVB	2320809	1901647	71.93%	4.933%
8	7.248	830	835	838	rBV5	39338	54865	2.08%	0.142%
9	7.378	855	857	859	rBV3	45049	36299	1.37%	0.094%
10	7.401	859	861	866	rVB6	31168	33123	1.25%	0.086%
11	7.513	873	880	882	rBV5	92922	144539	5.47%	0.375%
12	7.548	882	886	889	rVV	1808587	1601063	60.56%	4.153%
13	7.607	894	896	897	rBV	63017	51592	1.95%	0.134%
14	7.625	897	899	902	rVB3	75528	70149	2.65%	0.182%
15	7.672	902	907	911	rVB4	69416	98899	3.74%	0.257%
16	7.719	911	915	918	rBV5	40061	75023	2.84%	0.195%
17	7.748	918	920	922	rBV3	84777	67928	2.57%	0.176%
18	7.789	925	927	932	rVB4	113806	122318	4.63%	0.317%
19	7.866	934	940	941	rBV5	86995	140678	5.32%	0.365%
20	7.907	944	947	949	rBV4	156263	126444	4.78%	0.328%
21	7.925	949	950	955	rVB3	69512	68911	2.61%	0.179%
22	7.966	955	957	960	rVB4	60827	44280	1.67%	0.115%
23	8.001	960	963	965	rBV4	37961	47436	1.79%	0.123%
24	8.042	969	970	973	rBV3	43538	35018	1.32%	0.091%
25	8.078	973	976	980	rBV6	46195	63336	2.40%	0.164%
26	8.130	982	985	988	rBV4	111815	92838	3.51%	0.241%
27	8.166	988	991	993	rBV4	52975	63821	2.41%	0.166%
28	8.213	997	999	1001	rBV2	102559	78015	2.95%	0.202%
29	8.272	1003	1009	1014	rBV	1491656	1343669	50.82%	3.485%
30	8.313	1014	1016	1019	rVB2	492988	413283	15.63%	1.072%
31	8.348	1019	1022	1024	rBV3	182918	180334	6.82%	0.468%
32	8.407	1028	1032	1036	rBV7	56901	89352	3.38%	0.232%
33	8.442	1036	1038	1040	rBV3	56919	56379	2.13%	0.146%
34	8.472	1040	1043	1045	rVB3	84398	83931	3.17%	0.218%

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35	8.507	1047	1049	1051	rBV3	50871	48040	1.82%	0.125%
36	8.554	1053	1057	1061	rVB5	315300	423155	16.00%	1.098%
37	8.607	1061	1066	1069	rBV6	123305	211513	8.00%	0.549%
38	8.648	1069	1073	1075	rBV5	94822	116815	4.42%	0.303%
39	8.678	1075	1078	1080	rBV	444637	390338	14.76%	1.012%
40	8.701	1080	1082	1085	rBV3	60512	63563	2.40%	0.165%
41	8.730	1085	1087	1091	rVB4	152535	156535	5.92%	0.406%
42	8.772	1091	1094	1096	rBV3	138573	124240	4.70%	0.322%
43	8.801	1097	1099	1102	rBV4	102666	93408	3.53%	0.242%
44	8.860	1105	1109	1111	rBV4	113233	159549	6.03%	0.414%
45	8.883	1111	1113	1115	rBV3	69263	84800	3.21%	0.220%
46	8.942	1120	1123	1131	rVB4	214909	327621	12.39%	0.850%
47	9.013	1132	1135	1137	rVB3	156186	122941	4.65%	0.319%
48	9.042	1137	1140	1142	rBV4	115611	144939	5.48%	0.376%
49	9.083	1145	1147	1150	rVV2	183001	153492	5.81%	0.398%
50	9.107	1150	1151	1153	rVB2	91730	47401	1.79%	0.123%
51	9.125	1153	1154	1156	rBV2	96332	89431	3.38%	0.232%
52	9.148	1156	1158	1159	rVV2	88921	72672	2.75%	0.189%
53	9.172	1159	1162	1165	rVB3	213237	269998	10.21%	0.700%
54	9.207	1165	1168	1171	rBV4	106223	133068	5.03%	0.345%
55	9.277	1177	1180	1182	rVB	548599	399823	15.12%	1.037%
56	9.342	1187	1191	1195	rVB	2893365	2643925	100.00%	6.858%
57	9.419	1201	1204	1208	rBV3	391671	349301	13.21%	0.906%
58	9.454	1208	1210	1211	rVV2	121040	89307	3.38%	0.232%
59	9.489	1214	1216	1218	rVB2	149170	123053	4.65%	0.319%
60	9.601	1233	1235	1241	rBV5	246829	388101	14.68%	1.007%
61	9.683	1245	1249	1253	rVV	662911	733730	27.75%	1.903%
62	9.730	1254	1257	1261	rVB	1568937	1426126	53.94%	3.699%
63	9.760	1261	1262	1265	rVB3	110655	86399	3.27%	0.224%
64	9.801	1265	1269	1271	rBV2	212793	309504	11.71%	0.803%
65	9.889	1281	1284	1287	rBV2	395536	329319	12.46%	0.854%
66	9.913	1287	1288	1289	rVV	57257	37945	1.44%	0.098%
67	9.936	1289	1292	1295	rVB2	475723	415027	15.70%	1.077%
68	9.977	1297	1299	1302	rBV4	103832	93364	3.53%	0.242%
69	10.030	1305	1308	1311	rVV	1542130	1332990	50.42%	3.458%
70	10.060	1311	1313	1316	rVB3	57884	68368	2.59%	0.177%
71	10.130	1322	1325	1329	rBV2	185058	242906	9.19%	0.630%

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72	10.172	1329	1332	1335	rVV4	111554	144327	5.46%	0.374%
73	10.224	1338	1341	1344	rVB	321884	316628	11.98%	0.821%
74	10.266	1344	1348	1358	rVB2	360740	499933	18.91%	1.297%
75	10.342	1358	1361	1364	rBV	284823	294455	11.14%	0.764%
76	10.371	1364	1366	1369	rVV	198619	174911	6.62%	0.454%
77	10.436	1372	1377	1381	rBV6	225315	296270	11.21%	0.768%
78	10.524	1390	1392	1395	rVB4	63007	50783	1.92%	0.132%
79	10.660	1411	1415	1418	rBV3	110228	172556	6.53%	0.448%
80	10.683	1418	1419	1423	rVB4	82572	61050	2.31%	0.158%
81	10.724	1423	1426	1427	rBV3	56282	60339	2.28%	0.157%
82	10.789	1433	1437	1439	rBV5	44175	62231	2.35%	0.161%
83	10.819	1439	1442	1446	rVV	1724692	1681455	63.60%	4.361%
84	10.854	1446	1448	1453	rVB5	61093	64192	2.43%	0.167%
85	10.930	1458	1461	1469	rVB6	113296	183724	6.95%	0.477%
86	11.019	1473	1476	1477	rBV3	53024	43113	1.63%	0.112%
87	11.260	1515	1517	1520	rBV4	39364	48462	1.83%	0.126%
88	11.324	1524	1528	1531	rBV6	29497	41592	1.57%	0.108%
89	11.419	1542	1544	1548	rVB5	32759	32800	1.24%	0.085%
90	11.524	1558	1562	1565	rBV	1673770	1369053	51.78%	3.551%
91	11.571	1569	1570	1575	rVB5	26700	31142	1.18%	0.081%
92	11.624	1577	1579	1582	rBV4	26911	31206	1.18%	0.081%
93	12.054	1649	1652	1655	rVB5	28535	36268	1.37%	0.094%
94	13.107	1827	1831	1835	rVB	2383786	2153668	81.46%	5.586%
95	13.989	1978	1981	1986	rBV6	150638	190305	7.20%	0.494%
96	14.171	2008	2012	2016	rBV	1292297	1291973	48.87%	3.351%
97	15.712	2270	2274	2278	rVB	676917	819911	31.01%	2.127%

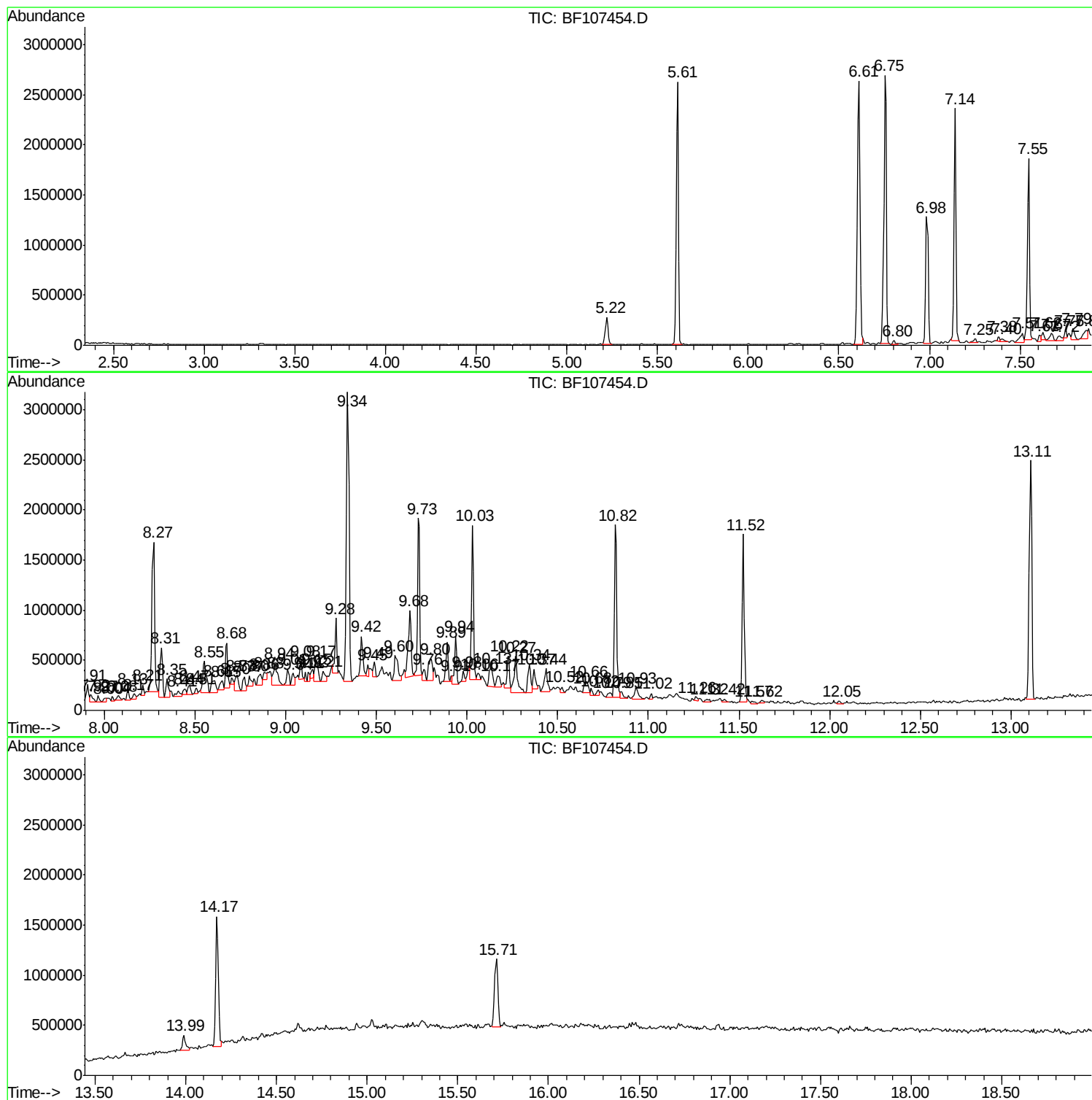
Sum of corrected areas: 38552660

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.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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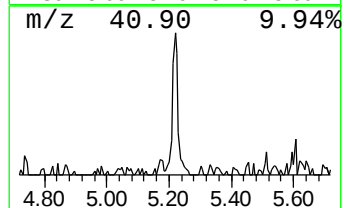
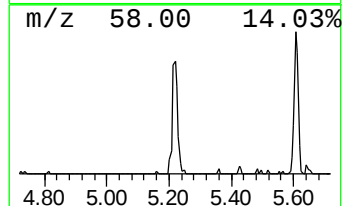
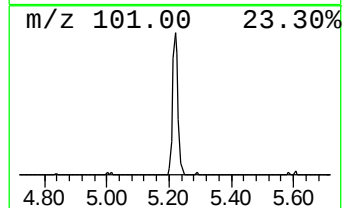
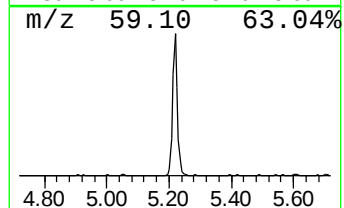
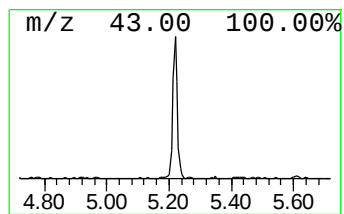
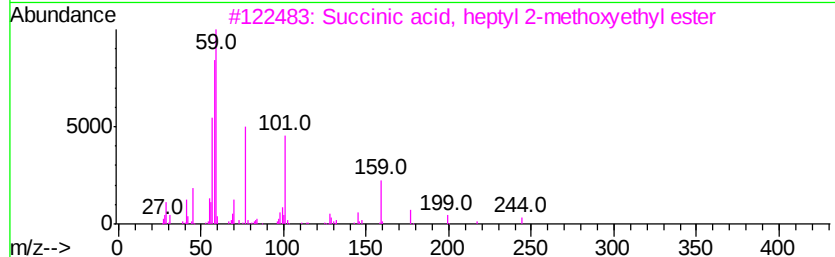
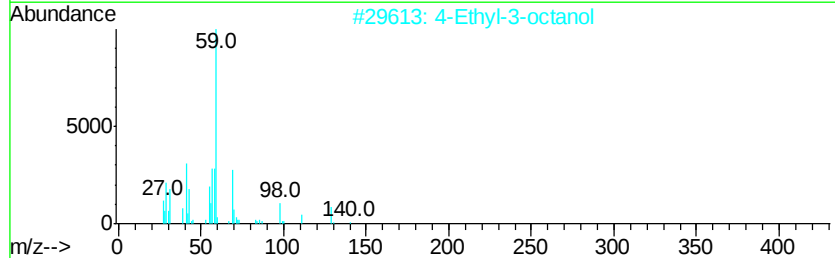
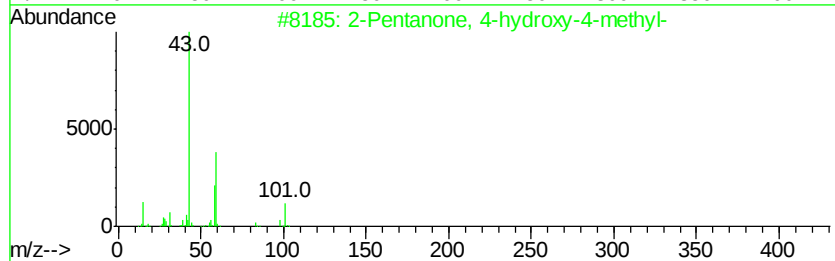
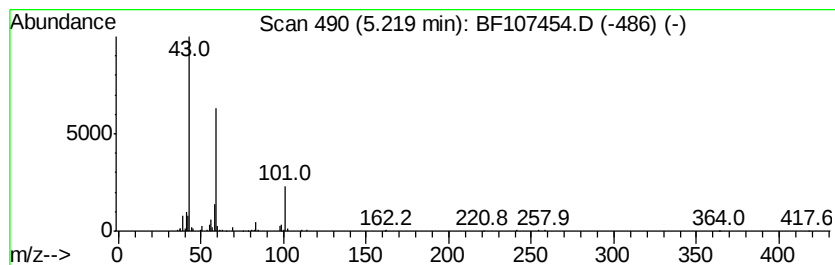
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.50 ng	298979	1,4-Dichlorobenzene-d4	6.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	50
2	4-Ethyl-3-octanol	158	C10H22O		019781-26-1	32
3	Succinic acid, heptyl 2-methoxyve...	274	C14H26O5		1000325-80-7	28
4	2-Acetamido-2-deoxy-.alpha.-D-gl...	221	C8H15NO6		010036-64-3	25
5	2-Hexanol, 2-methyl-	116	C7H16O		000625-23-0	17



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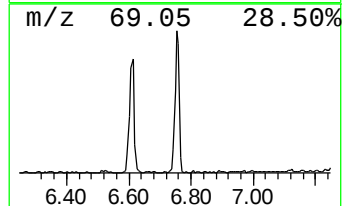
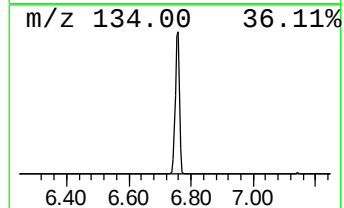
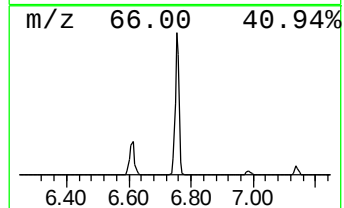
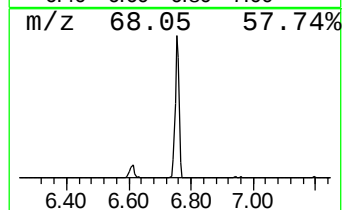
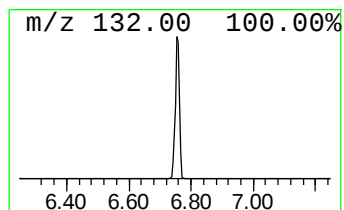
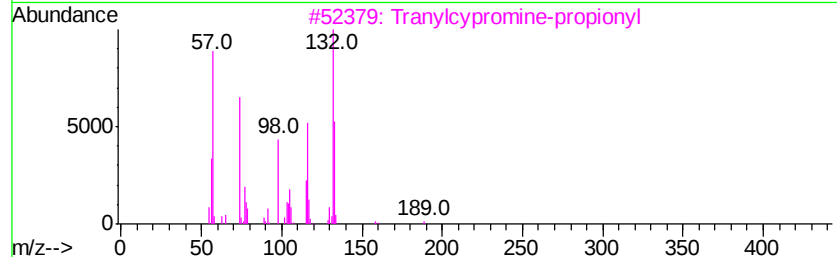
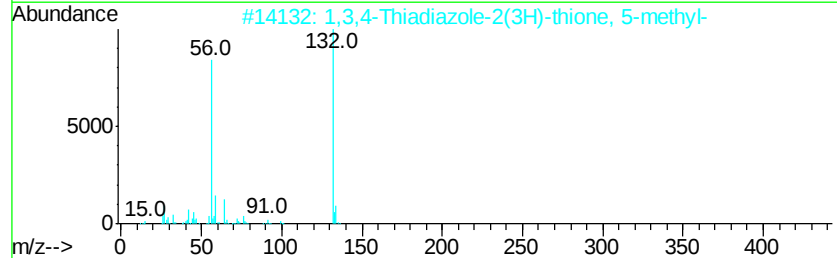
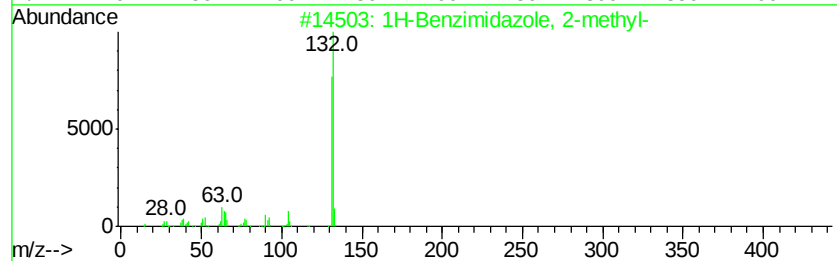
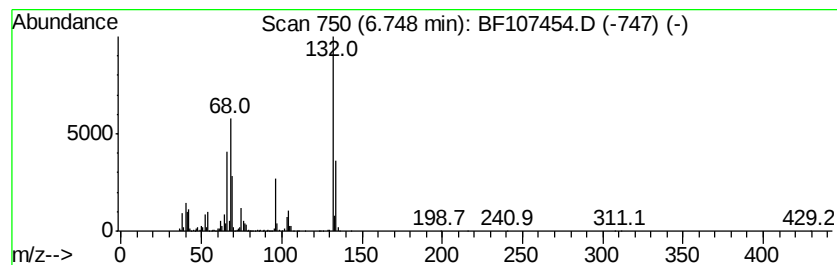
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	47.02 ng	2557330	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
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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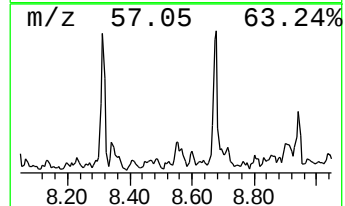
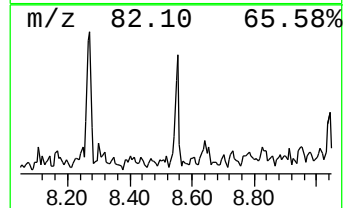
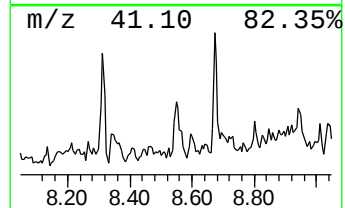
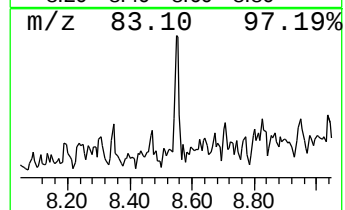
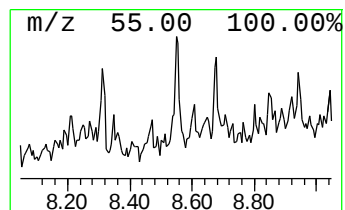
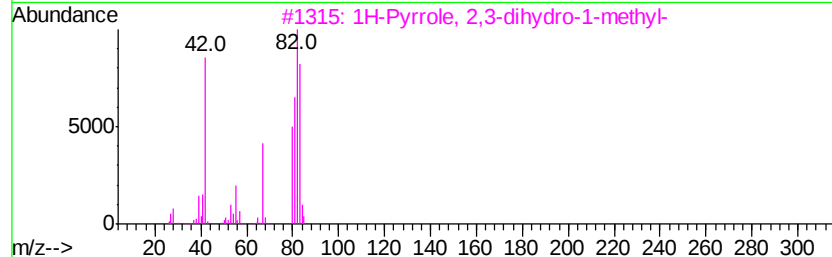
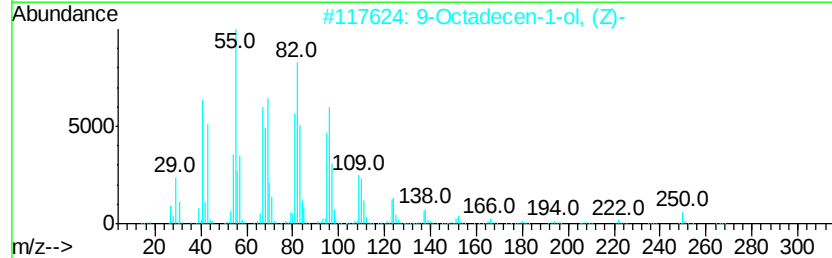
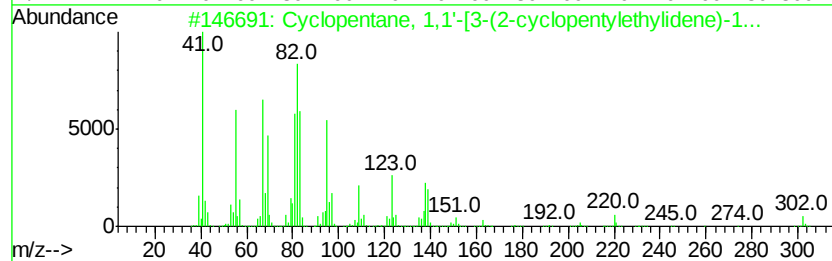
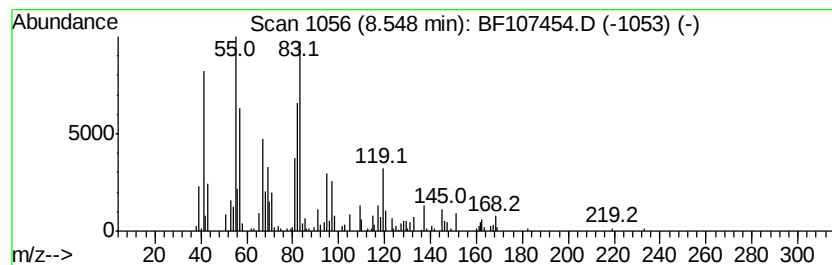
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, 1,1'-[3-(2-cy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	6.30 ng	423155	Napthalene-d8	8.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,1'-[3-(2-cyclope...	302 C22H38	054934-71-3 50
2		9-Octadecen-1-ol, (Z)-	268 C18H36O	000143-28-2 50
3		1H-Pyrrole, 2,3-dihydro-1-methyl-	83 C5H9N	033838-11-8 47
4		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 43
5		Bicyclo[4.1.0]heptane, 7-pentyl-	166 C12H22	041977-45-1 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

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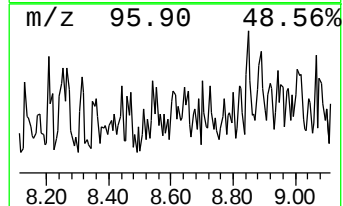
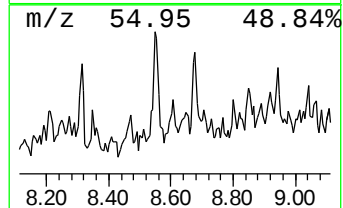
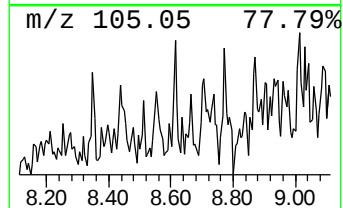
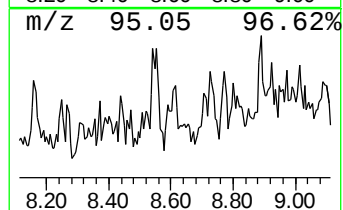
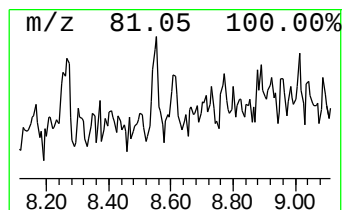
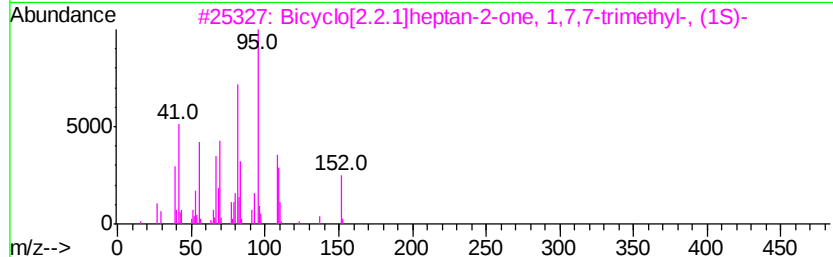
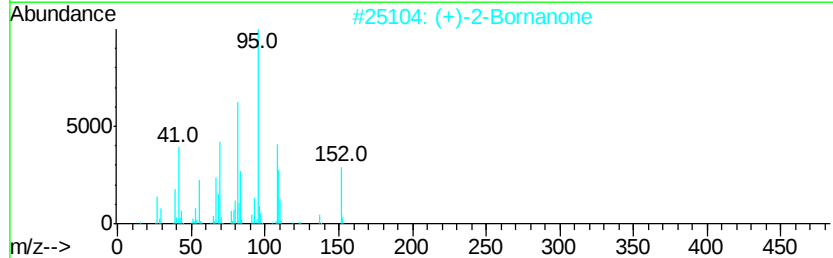
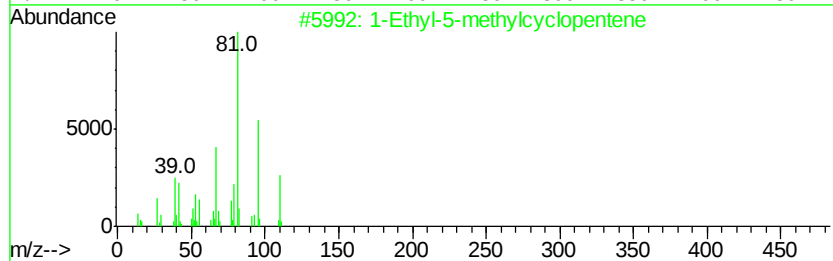
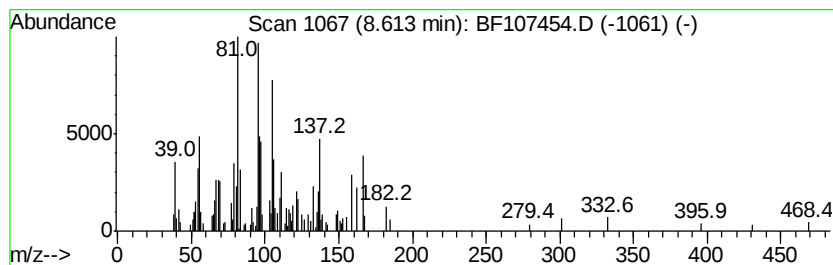
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.61 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	3.15 ng	211513	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	43
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	41
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	38
4		Bicyclo[2.2.1]heptan-2-one, 4,7,...	152	C10H16O	010292-98-5	35
5		3,8,11-Trioxatetracyclo[4.4.1.0(...	154	C8H10O3	050267-11-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
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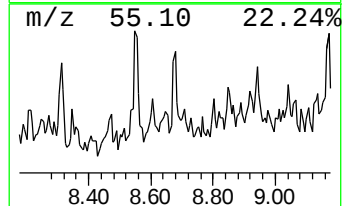
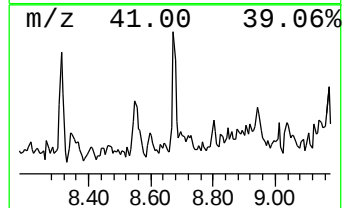
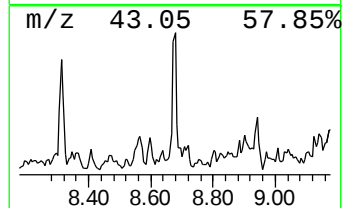
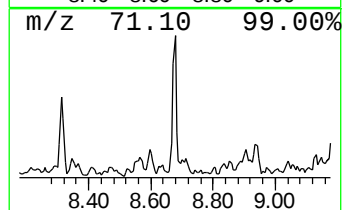
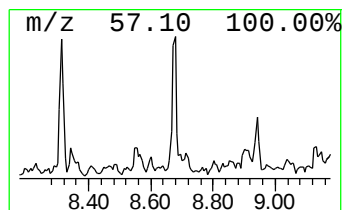
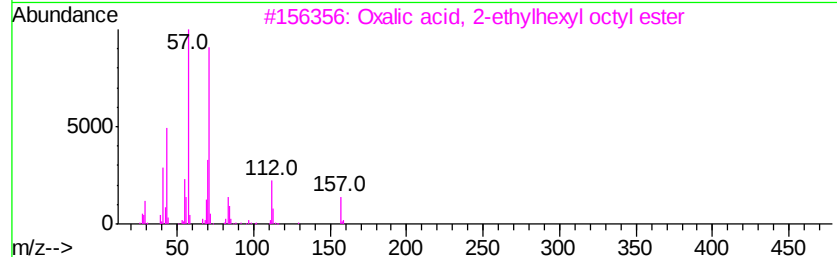
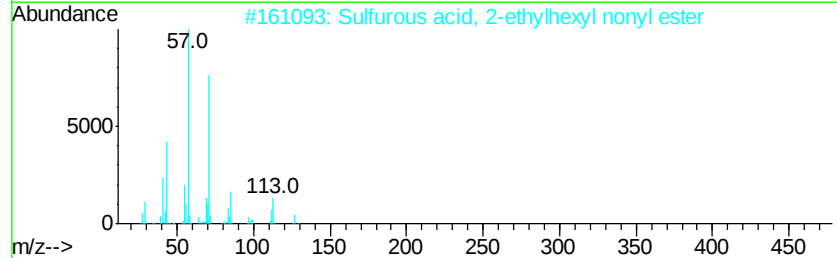
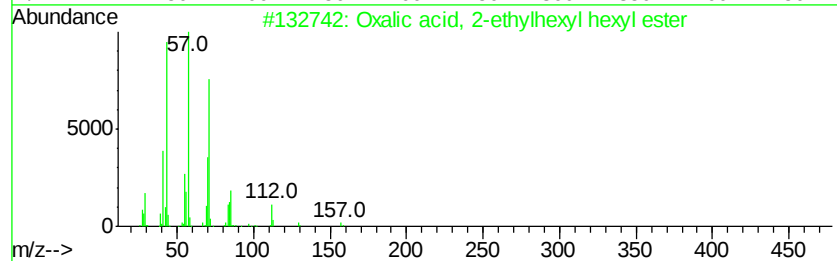
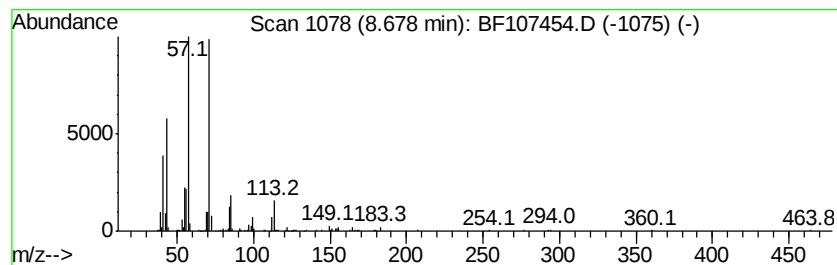
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Oxalic acid, 2-ethylhexyl h... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	5.81 ng	390338	Napthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	80
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3			Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53



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Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
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TP-H-S

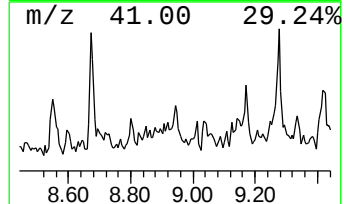
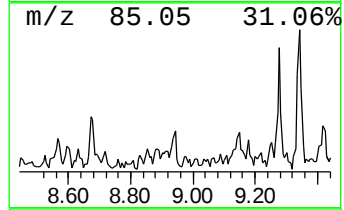
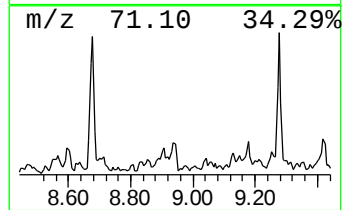
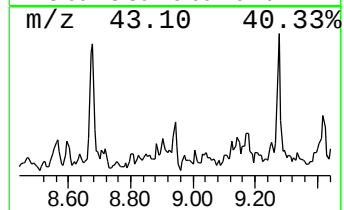
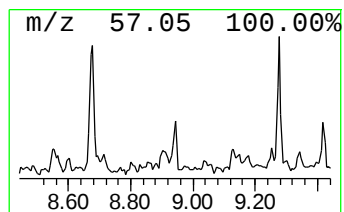
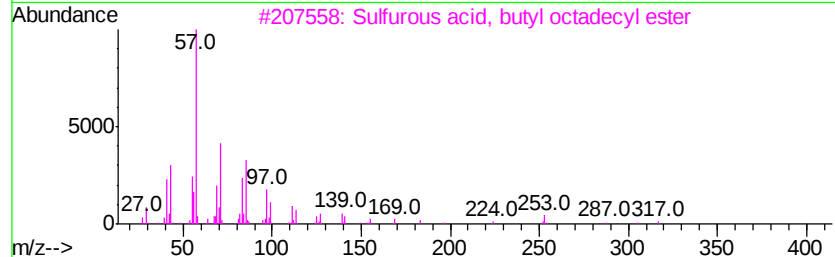
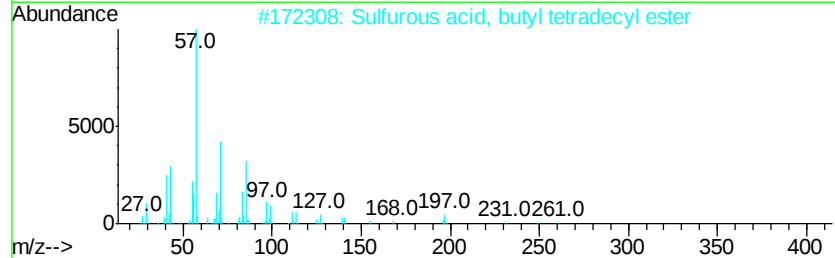
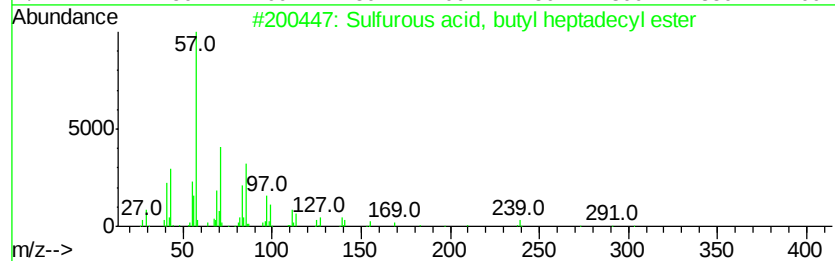
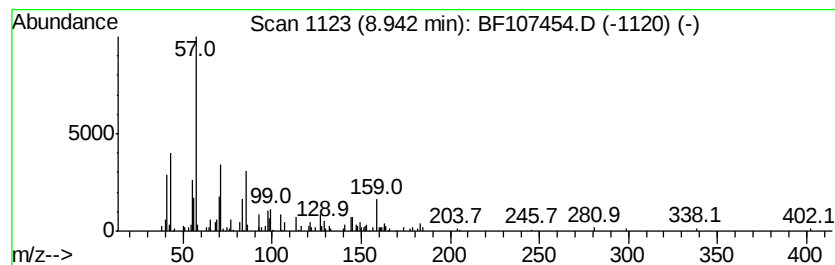
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, butyl hepta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	4.88 ng	327621	Naphthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
2			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
3			Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	64
4			5-Ethylnonadecane	296	C21H44	1000360-43-1	59
5			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
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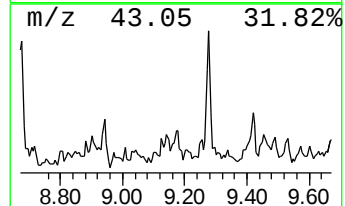
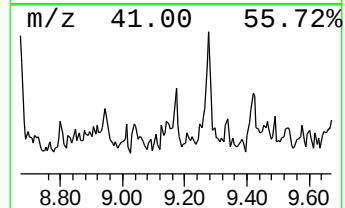
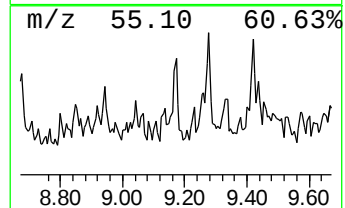
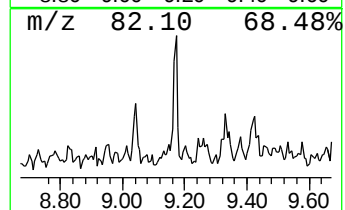
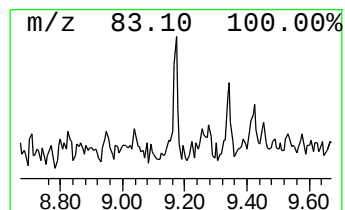
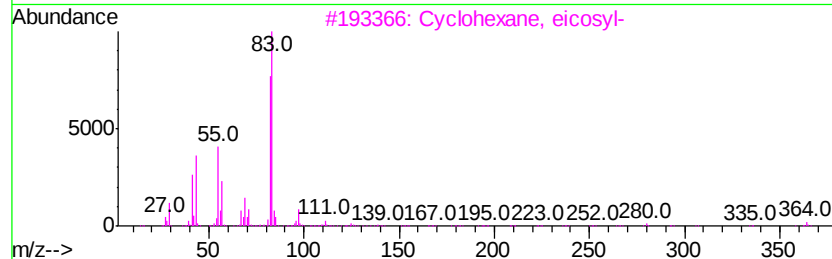
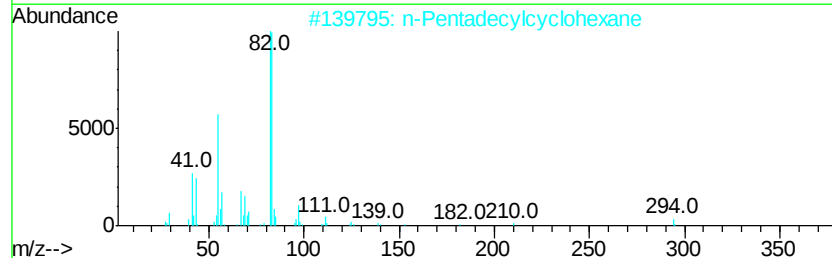
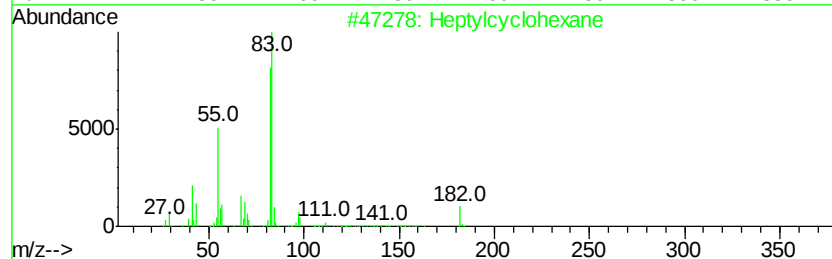
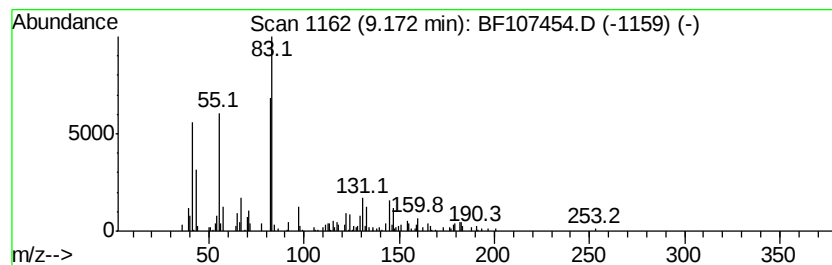
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptylcyclohexane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	4.05 ng	269998	Acenaphthene-d10	10.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	53
2		n-Pentadecylcyclohexane	294	C21H42	006006-95-7	53
3		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	53
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	52
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	50



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Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
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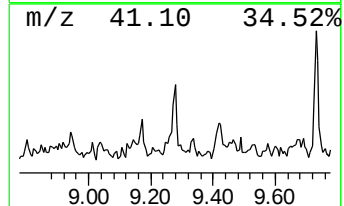
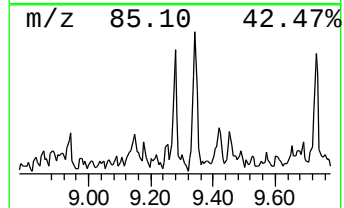
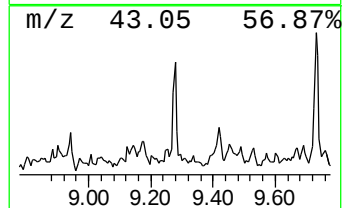
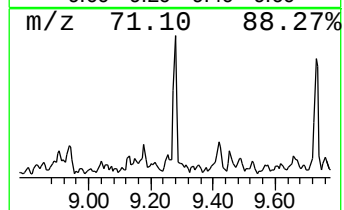
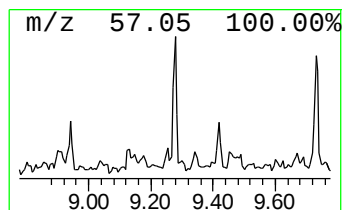
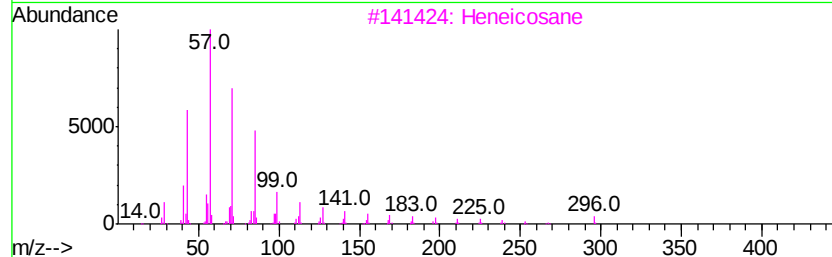
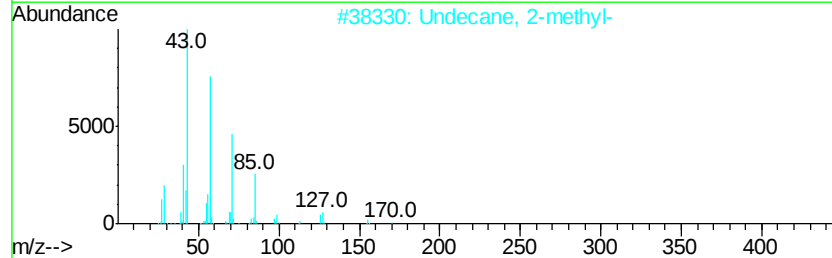
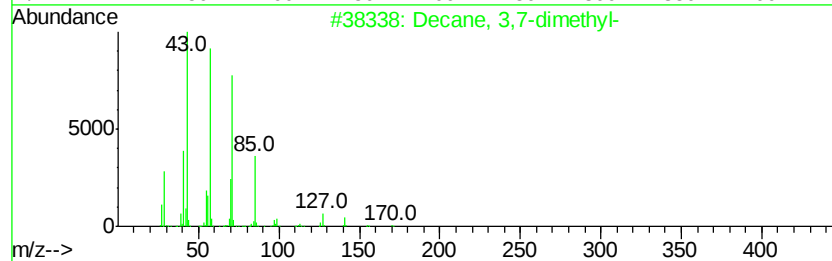
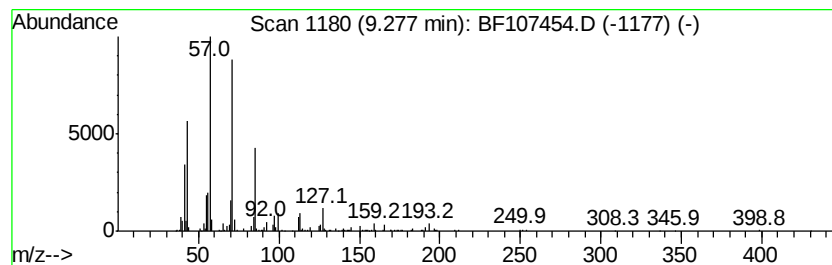
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	6.00 ng	399823	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	86
3		Heneicosane	296	C21H44	000629-94-7	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
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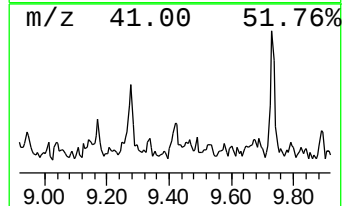
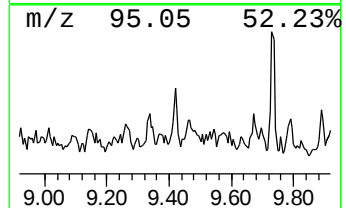
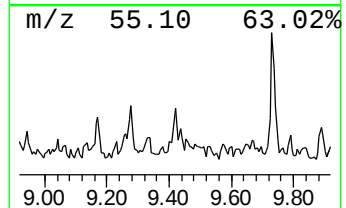
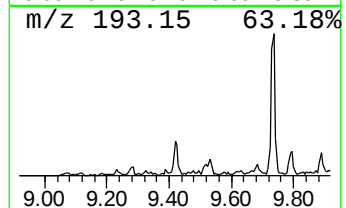
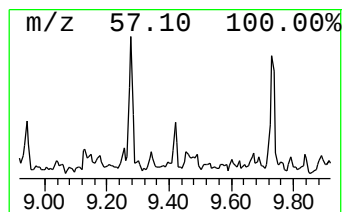
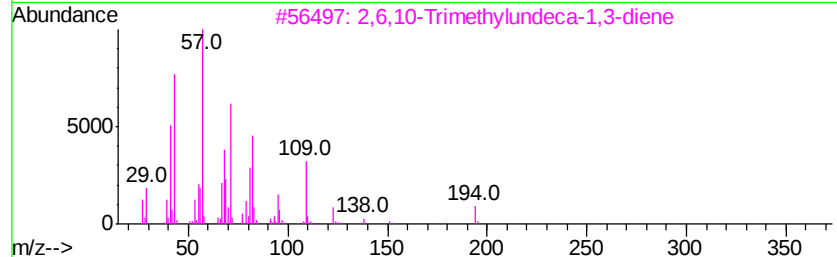
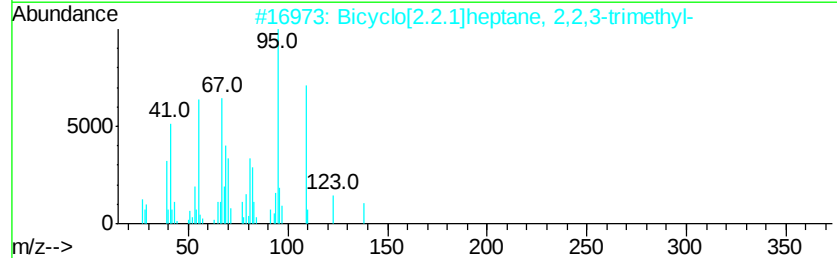
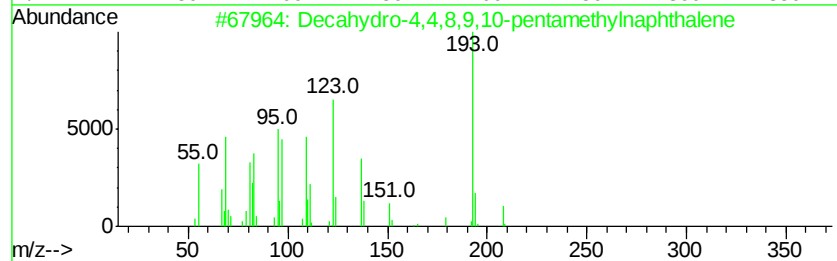
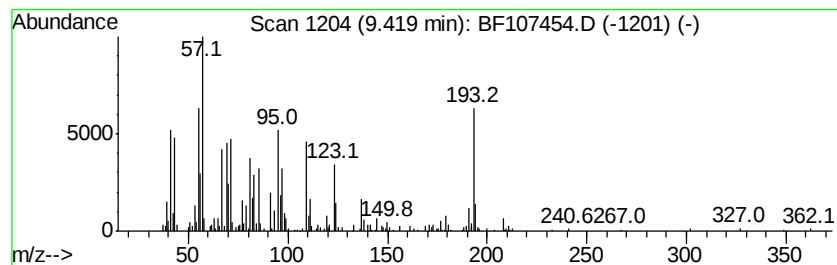
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	5.24 ng	349301	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	46
3		2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	18
4		Methyl santolinate	182	C11H18O2	053163-37-4	18
5		Bicyclo[2.2.1]heptane, 2-hexyl-	180	C13H24	061141-60-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
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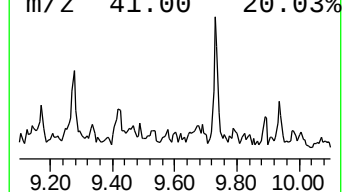
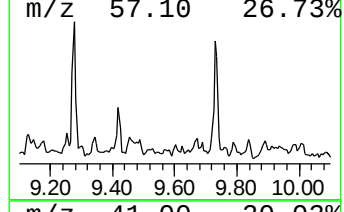
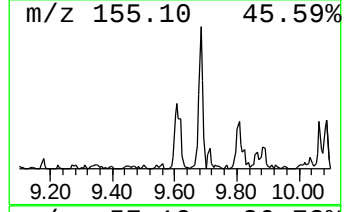
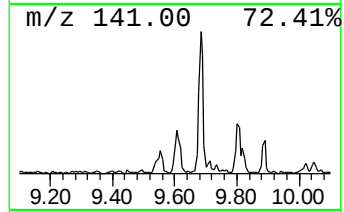
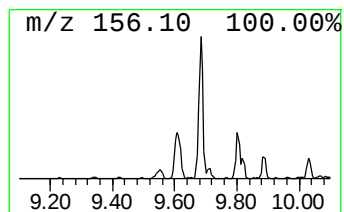
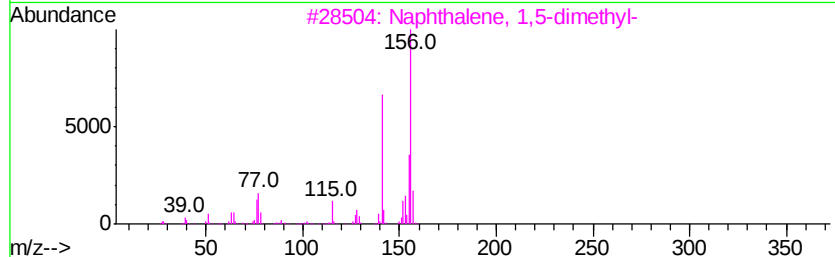
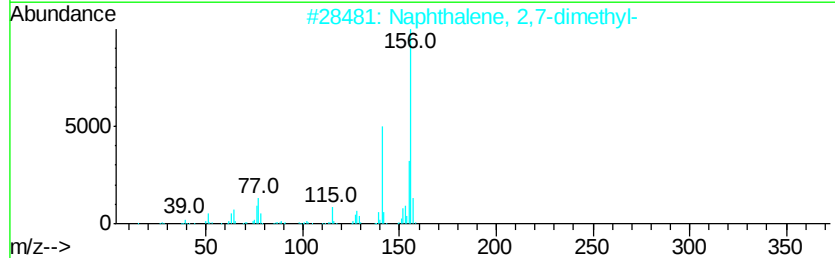
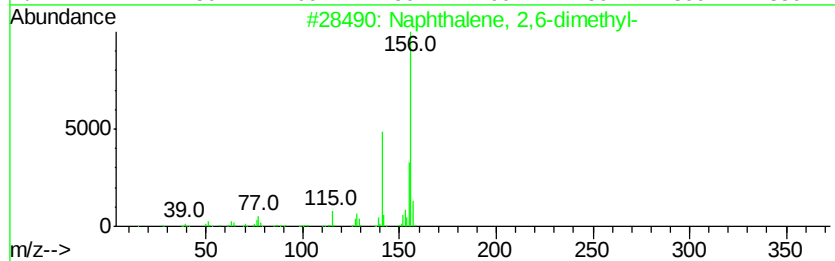
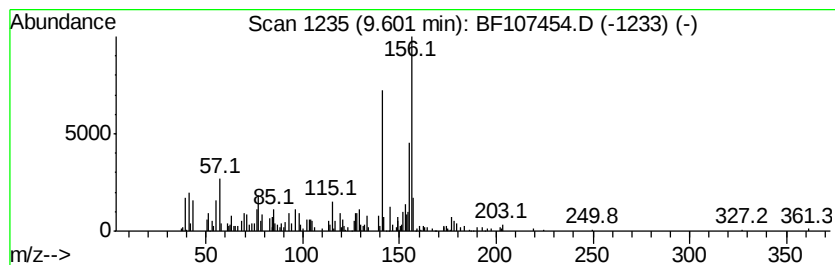
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	5.82 ng	388101	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H-S

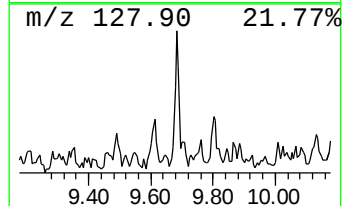
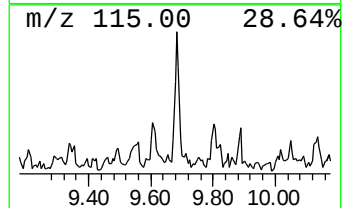
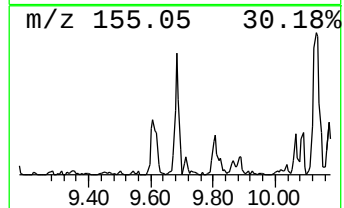
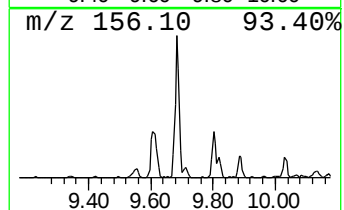
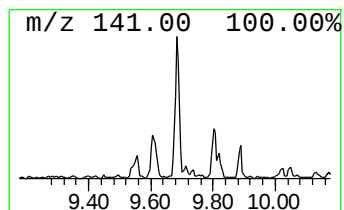
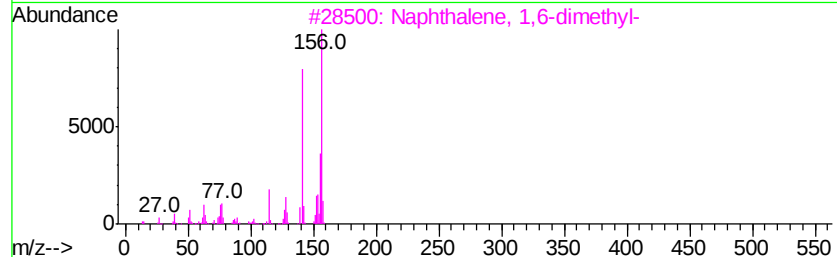
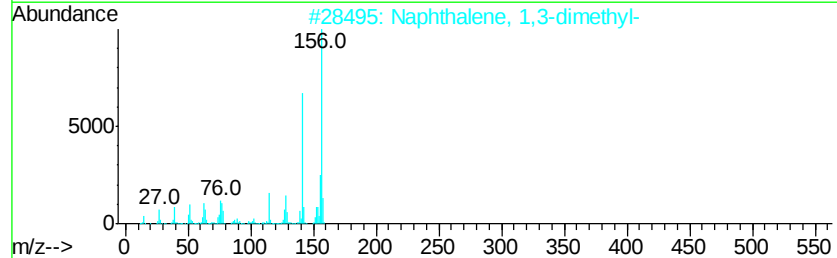
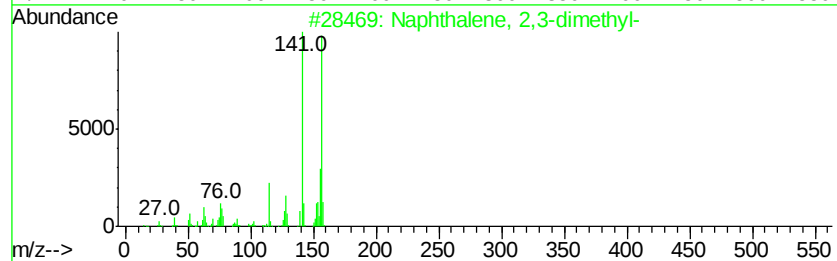
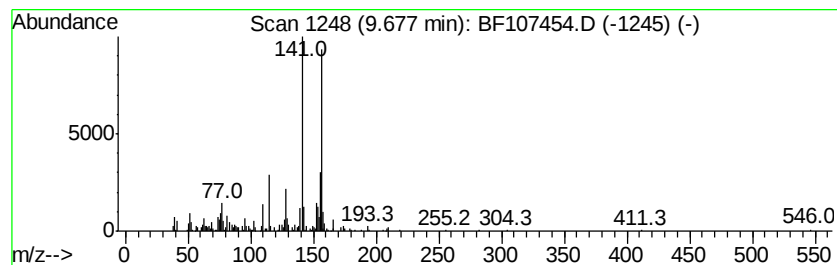
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	11.01 ng	733730	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-H-S

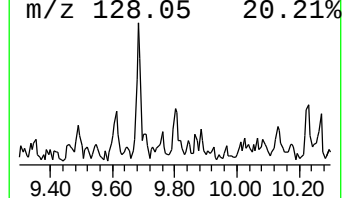
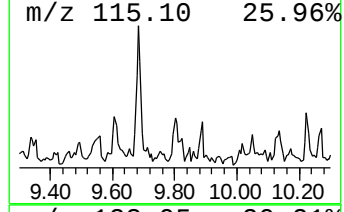
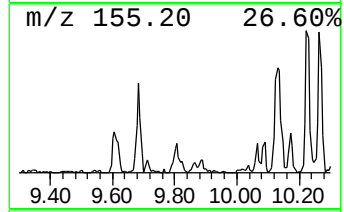
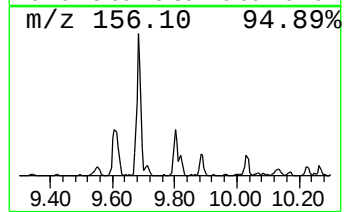
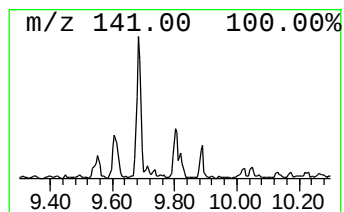
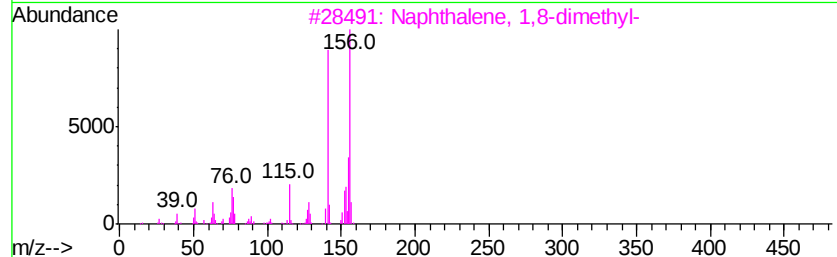
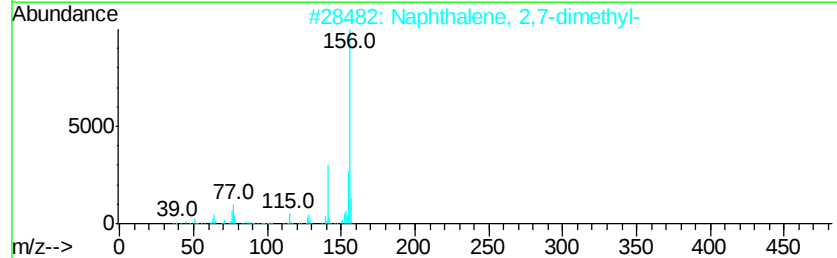
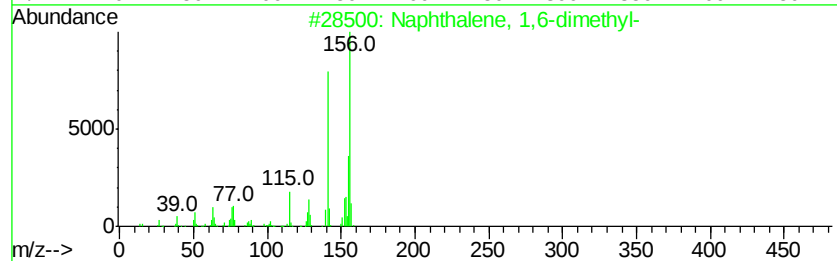
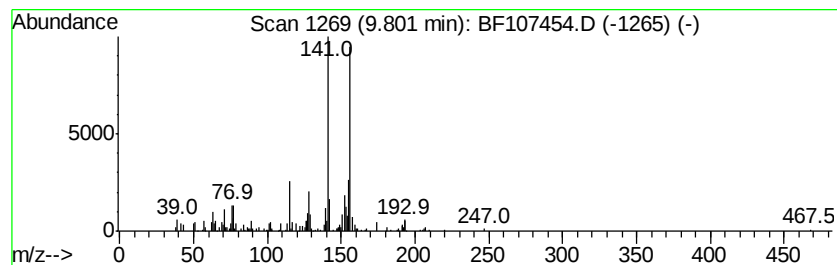
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.64 ng	309504	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

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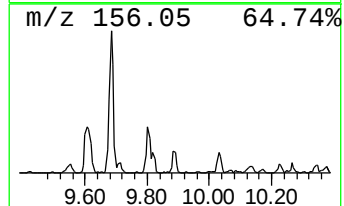
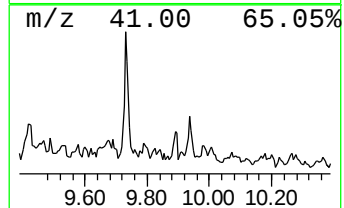
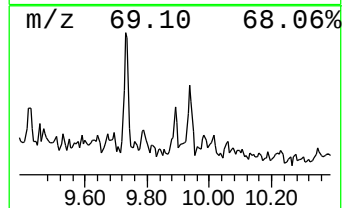
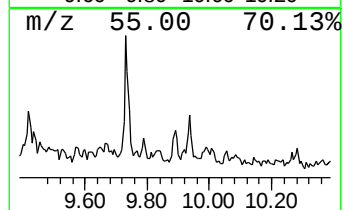
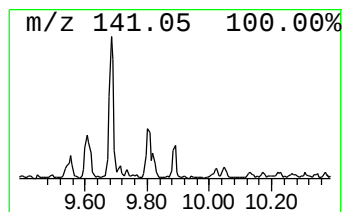
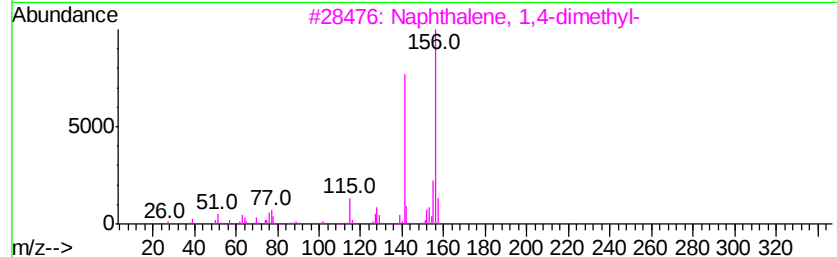
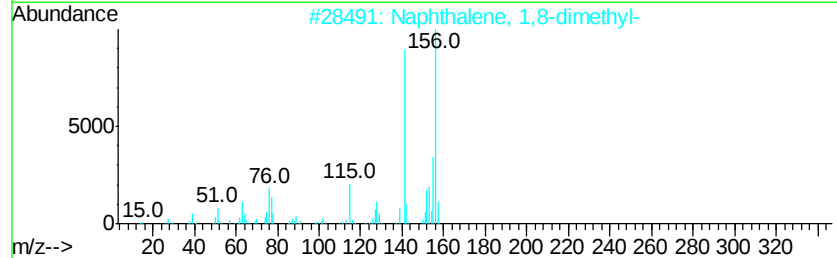
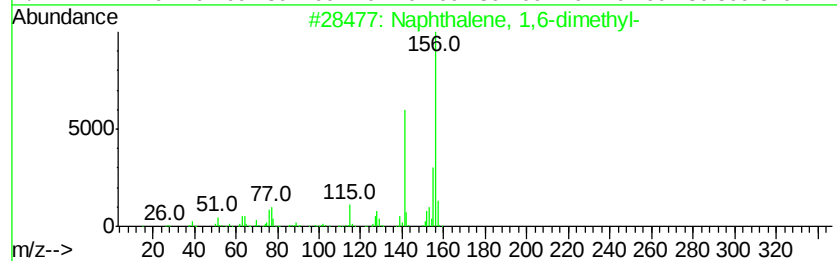
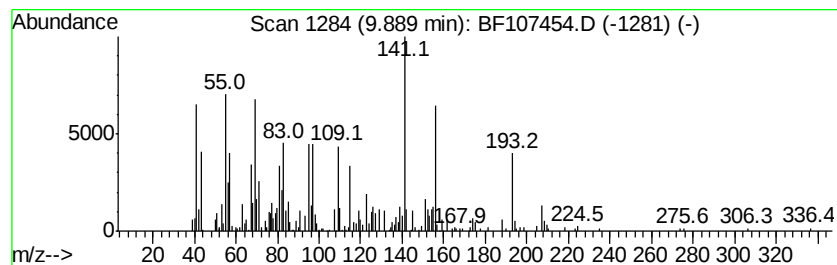
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.89 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	4.94 ng	329319	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	38
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	38
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	38
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	38
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
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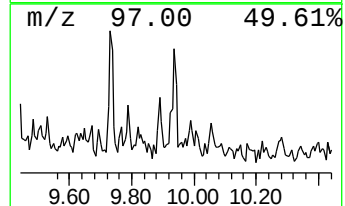
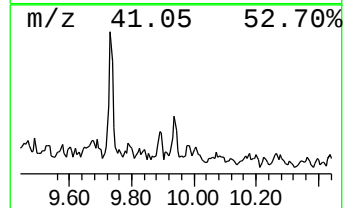
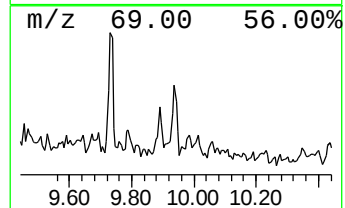
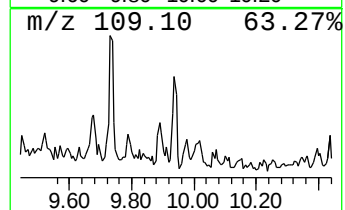
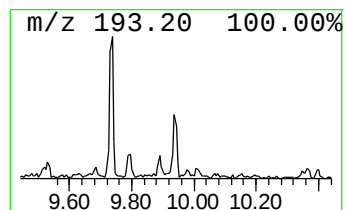
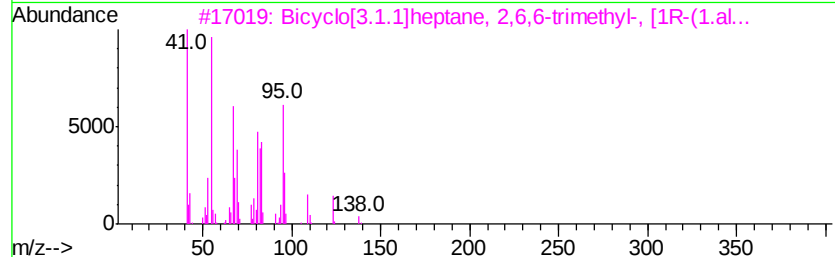
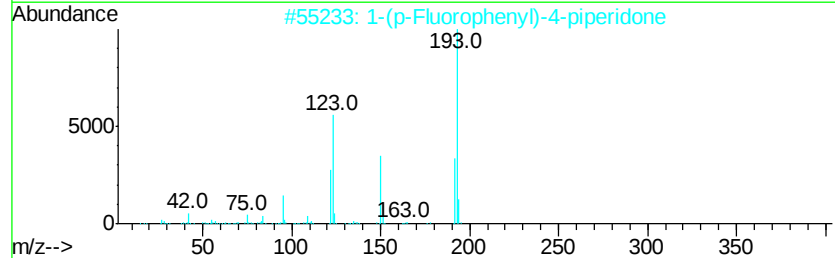
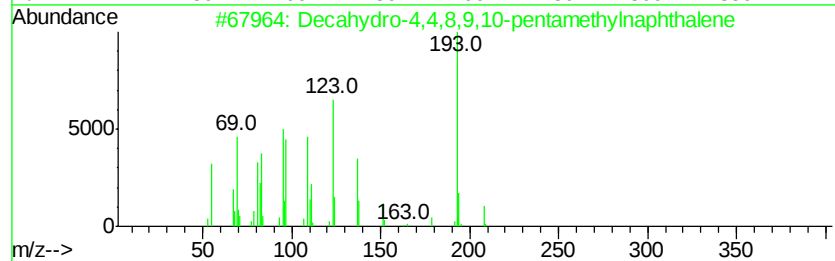
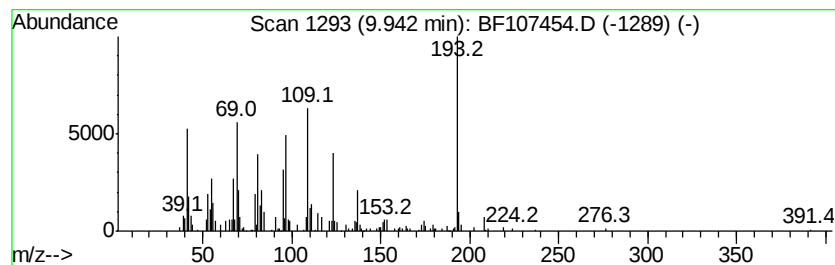
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.94 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	6.23 ng	415027	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	20
4		Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	18
5		Acridine, 9-methyl-	193	C14H11N	000611-64-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
TP-H-S

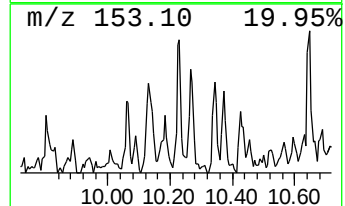
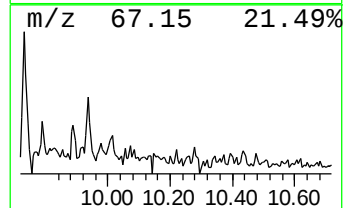
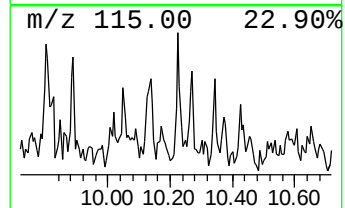
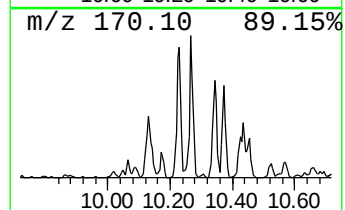
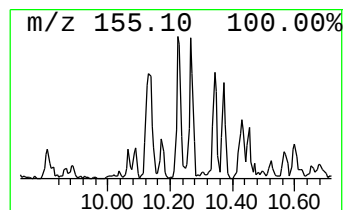
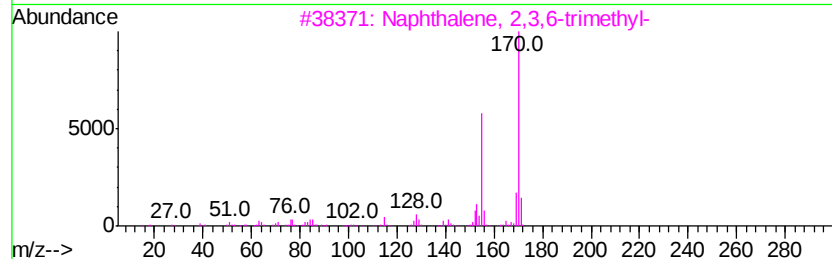
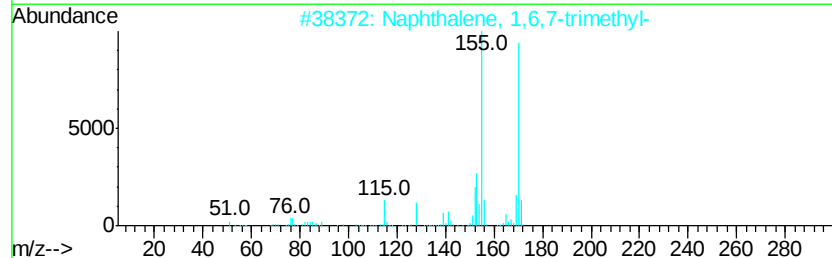
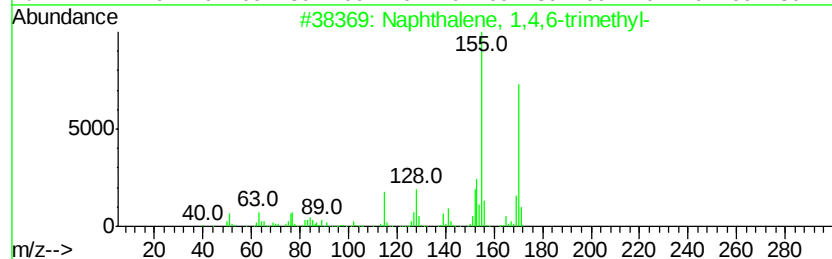
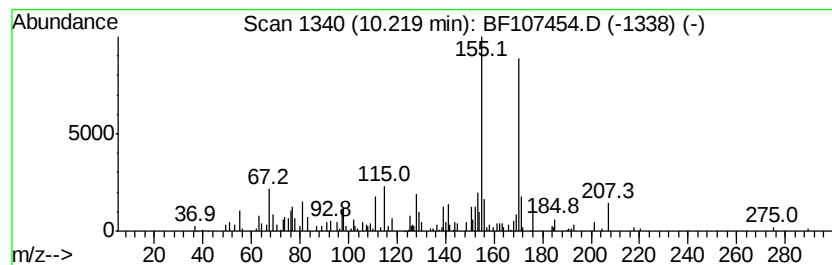
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	4.75 ng	316628	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
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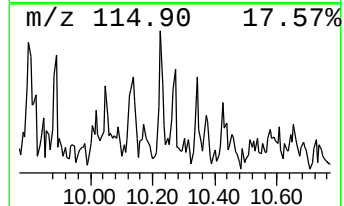
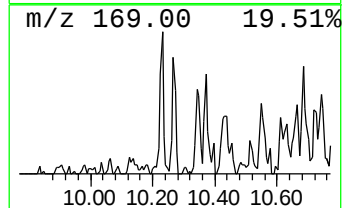
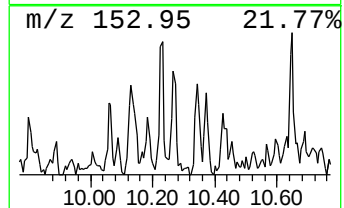
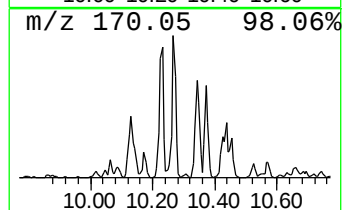
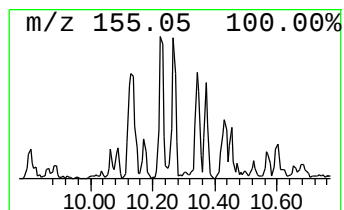
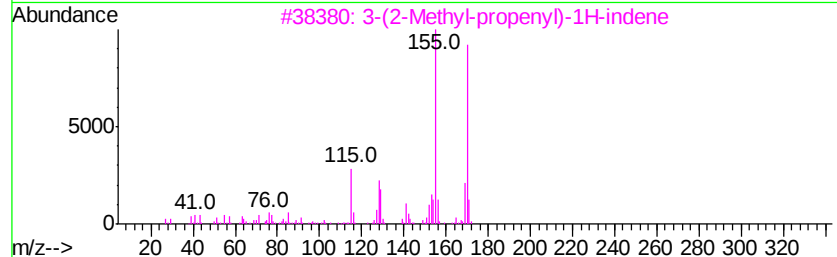
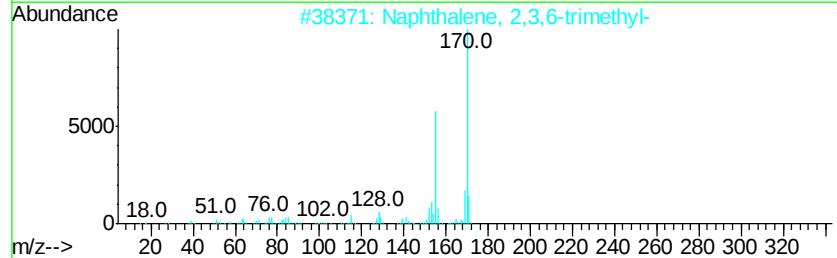
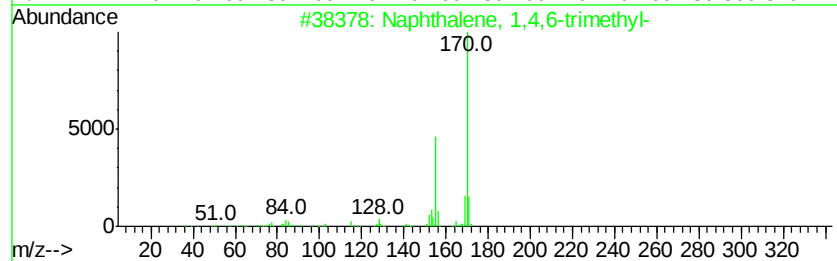
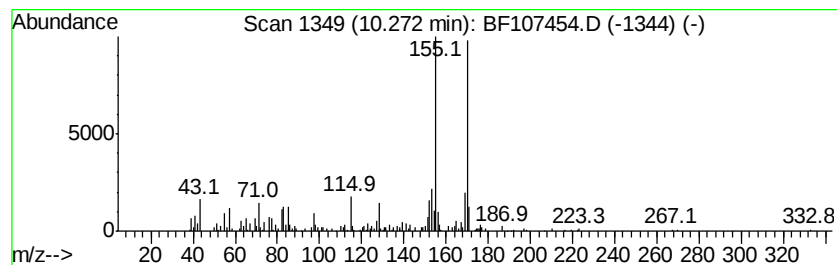
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.27	7.50 ng	499933	Acenaphthene-d10	10.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
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Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-H-S

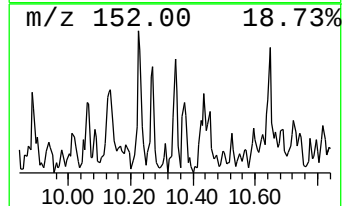
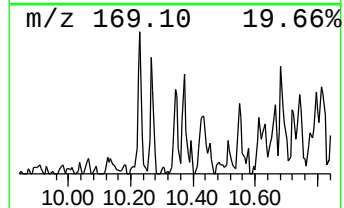
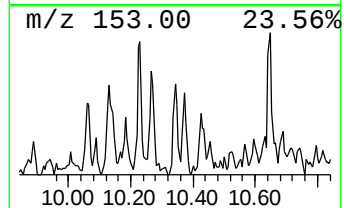
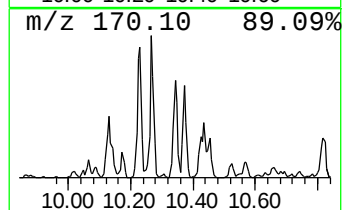
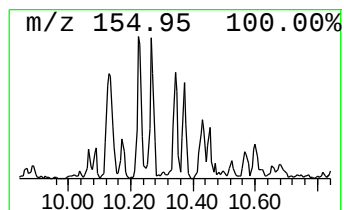
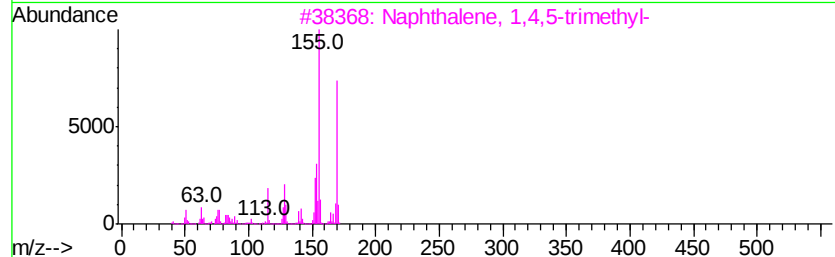
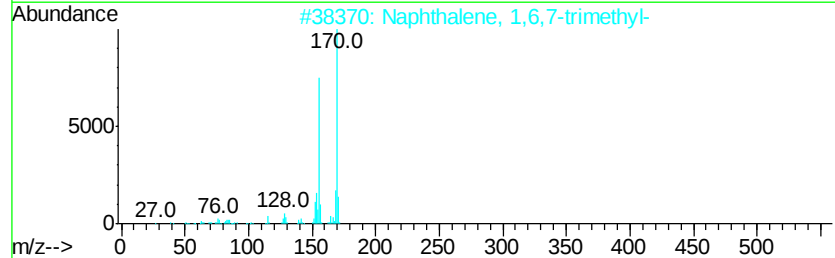
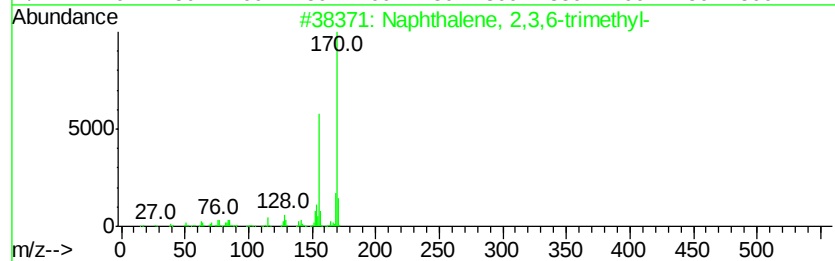
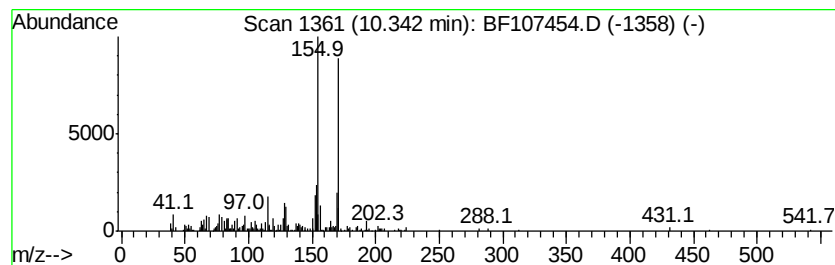
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.42 ng	294455	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	94
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107454.D
Acq On : 17 Jul 2018 17:25
Operator : JU/SJ
Sample : J3997-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

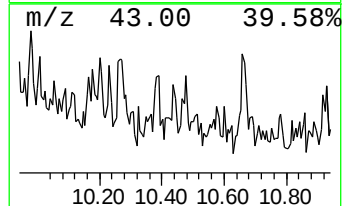
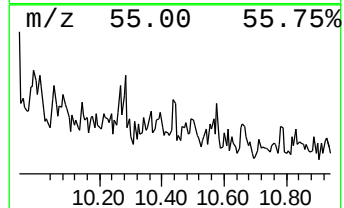
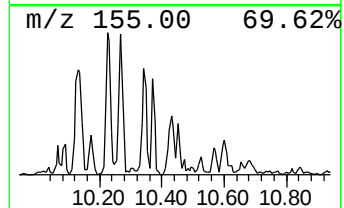
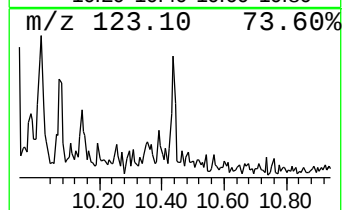
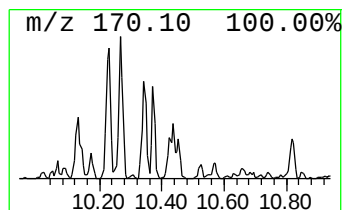
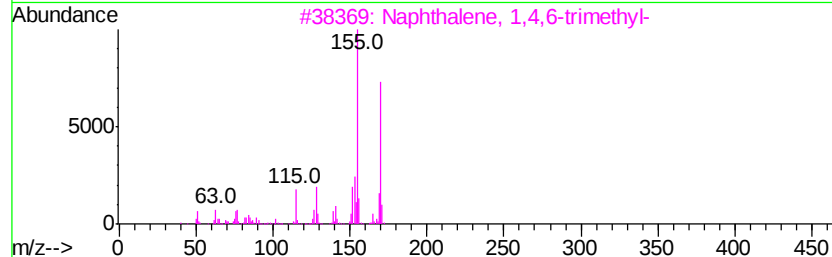
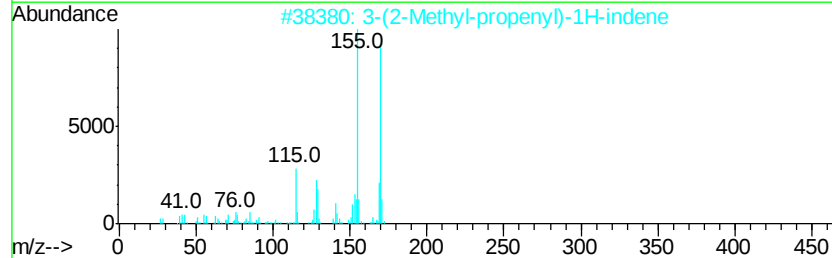
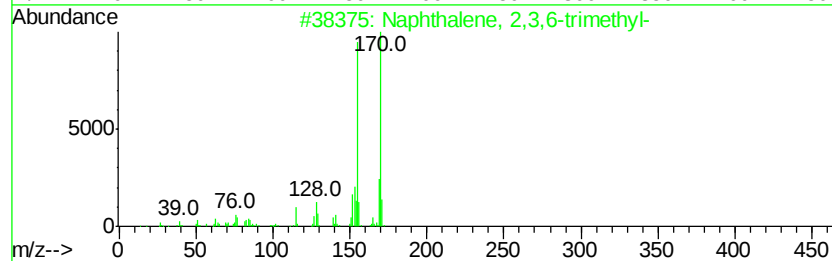
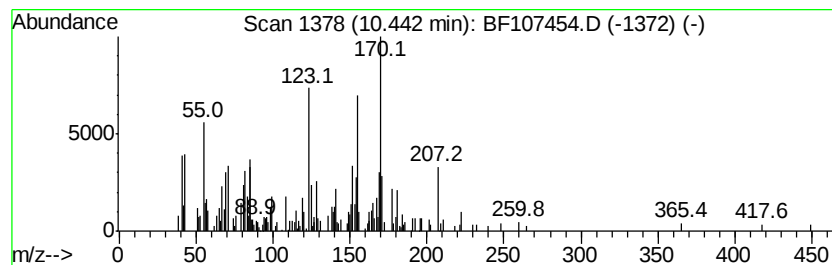
Instrument :
BNA_F
ClientSampleId :
TP-H-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.44	4.45 ng	296270	Acenaphthene-d10		10.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107454.D
 Acq On : 17 Jul 2018 17:25
 Operator : JU/SJ
 Sample : J3997-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-H-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.22	5.5 ng		298979	1	6.98	1087880	20.0
unknown6.75	6.75	47.0 ng		2557330	1	6.98	1087880	20.0
Cyclopentane, 1,1...	8.55	6.3 ng		423155	2	8.27	1343670	20.0
unknown8.61	8.61	3.1 ng		211513	2	8.27	1343670	20.0
Oxalic acid, 2-et...	8.68	5.8 ng		390338	2	8.27	1343670	20.0
Sulfurous acid, b...	8.94	4.9 ng		327621	2	8.27	1343670	20.0
Heptylcyclohexane	9.17	4.0 ng		269998	3	10.03	1332990	20.0
Decane, 3,7-dimet...	9.28	6.0 ng		399823	3	10.03	1332990	20.0
Decahydro-4,4,8,9...	9.42	5.2 ng		349301	3	10.03	1332990	20.0
Naphthalene, 2,6-...	9.60	5.8 ng		388101	3	10.03	1332990	20.0
Naphthalene, 2,3-...	9.68	11.0 ng		733730	3	10.03	1332990	20.0
Naphthalene, 1,6-...	9.80	4.6 ng		309504	3	10.03	1332990	20.0
unknown9.89	9.89	4.9 ng		329319	3	10.03	1332990	20.0
unknown9.94	9.94	6.2 ng		415027	3	10.03	1332990	20.0
Naphthalene, 1,4,...	10.22	4.8 ng		316628	3	10.03	1332990	20.0
Naphthalene, 1,6,...	10.27	7.5 ng		499933	3	10.03	1332990	20.0
Naphthalene, 2,3,...	10.34	4.4 ng		294455	3	10.03	1332990	20.0
3-(2-Methyl-prope...	10.44	4.5 ng		296270	3	10.03	1332990	20.0