

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107419.D
 Acq On : 16 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3545-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

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	5.225	486	491	498	rVB	497414	642965	13.38%	0.928%
2	5.613	551	557	560	rBV	4425164	4602387	95.74%	6.641%
3	6.613	720	727	730	rBV	4087506	4806728	100.00%	6.935%
4	6.754	746	751	754	rBV	4904534	4806943	100.00%	6.936%
5	6.978	786	789	793	rVB	1147899	1050951	21.86%	1.516%
6	7.136	812	816	820	rVB	3698029	3658823	76.12%	5.279%
7	7.542	880	885	888	rBV	2865410	3105102	64.60%	4.480%
8	7.625	893	899	902	rBV6	92711	146583	3.05%	0.211%
9	7.860	934	939	943	rVB2	156719	175347	3.65%	0.253%
10	7.901	943	946	954	rBV7	171998	301798	6.28%	0.435%
11	8.160	987	990	996	rBV5	107999	173656	3.61%	0.251%
12	8.213	996	999	1000	rBV2	169549	162629	3.38%	0.235%
13	8.236	1000	1003	1004	rVV2	177042	198144	4.12%	0.286%
14	8.266	1004	1008	1013	rVV	1417705	1405779	29.24%	2.028%
15	8.313	1013	1016	1019	rVB2	302329	300219	6.25%	0.433%
16	8.342	1019	1021	1024	rBV4	210727	236101	4.91%	0.341%
17	8.436	1034	1037	1040	rBV4	128365	132073	2.75%	0.191%
18	8.501	1045	1048	1050	rBV3	216358	192500	4.00%	0.278%
19	8.554	1050	1057	1061	rBV7	330915	670843	13.96%	0.968%
20	8.607	1061	1066	1068	rBV6	168377	259500	5.40%	0.374%
21	8.672	1075	1077	1080	rBV3	238139	253094	5.27%	0.365%
22	8.701	1080	1082	1084	rVV3	185030	189921	3.95%	0.274%
23	8.725	1084	1086	1090	rVB	371550	389893	8.11%	0.563%
24	8.766	1091	1093	1095	rBV3	215232	178980	3.72%	0.258%
25	8.801	1096	1099	1100	rBV2	193143	207661	4.32%	0.300%
26	8.848	1104	1107	1110	rVB3	262509	241641	5.03%	0.349%
27	8.883	1110	1113	1115	rBV4	309543	349954	7.28%	0.505%
28	9.007	1132	1134	1137	rVB3	454234	382457	7.96%	0.552%
29	9.042	1137	1140	1143	rBV5	293988	468881	9.75%	0.677%
30	9.107	1149	1151	1153	rVB3	208791	142837	2.97%	0.206%
31	9.142	1153	1157	1159	rBV5	448532	629695	13.10%	0.909%
32	9.260	1174	1177	1179	rBV	637502	617782	12.85%	0.891%
33	9.342	1186	1191	1195	rBV	4485739	4791012	99.67%	6.913%
34	9.419	1200	1204	1207	rBV3	1540216	1773316	36.89%	2.559%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	9.736	1255	1258	1261	rBV3	3639160	3620370	75.32%	5.224%
36	9.766	1261	1263	1265	rVV2	812496	821194	17.08%	1.185%
37	9.795	1265	1268	1271	rVB3	899114	1030018	21.43%	1.486%
38	9.895	1282	1285	1287	rBV2	2219457	2091621	43.51%	3.018%
39	9.942	1290	1293	1296	rVB2	3280631	3334829	69.38%	4.812%
40	10.025	1303	1307	1311	rVB3	2661692	4068850	84.65%	5.871%
41	10.060	1311	1313	1315	rBV3	869972	873438	18.17%	1.260%
42	10.130	1323	1325	1327	rBV2	734460	727581	15.14%	1.050%
43	10.277	1348	1350	1354	rBV3	1017763	1246758	25.94%	1.799%
44	10.348	1360	1362	1364	rBV2	963111	1019746	21.21%	1.471%
45	10.448	1376	1379	1383	rVB2	2089432	2310955	48.08%	3.334%
46	10.960	1463	1466	1472	rVB	2915928	3797149	78.99%	5.479%
47	13.124	1831	1834	1841	rVB	2368052	2838369	59.05%	4.095%
48	14.171	2010	2012	2017	rVB	1034337	1019881	21.22%	1.472%
49	14.789	2114	2117	2121	rVB	676326	690577	14.37%	0.996%
50	14.936	2140	2142	2145	rVB3	362779	337695	7.03%	0.487%
51	15.301	2201	2204	2208	rVB4	345237	396837	8.26%	0.573%
52	15.701	2268	2272	2277	rVB2	1060274	1435153	29.86%	2.071%

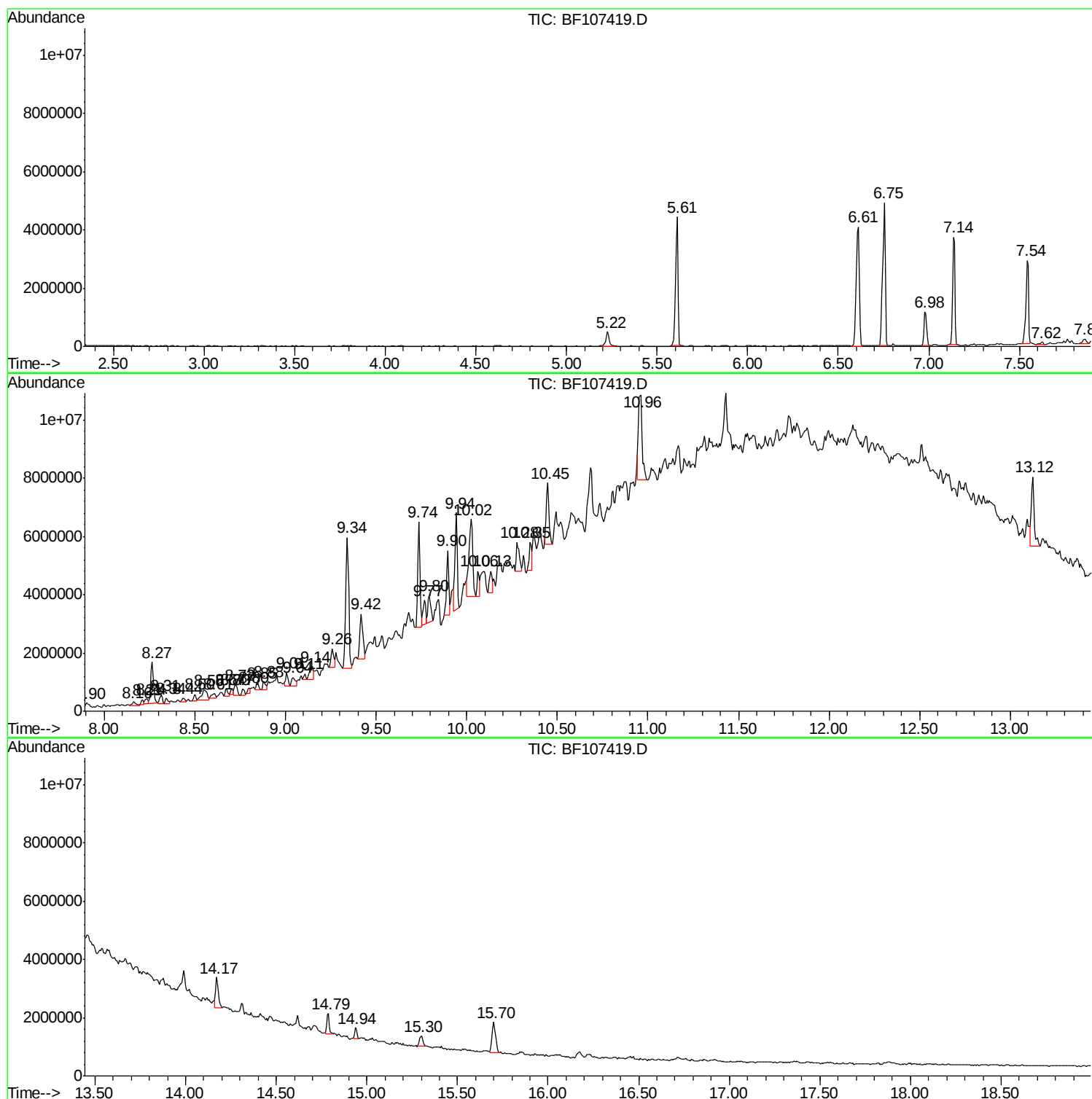
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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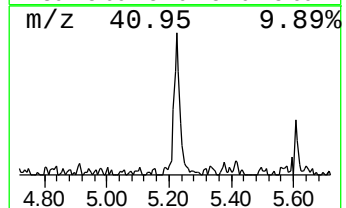
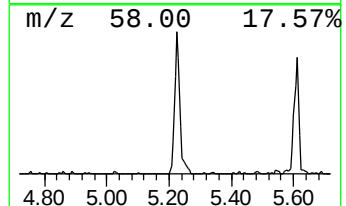
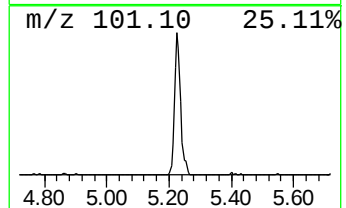
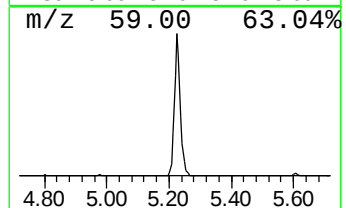
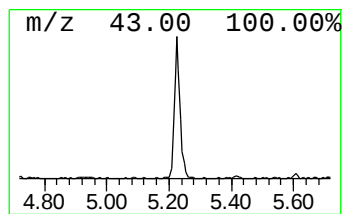
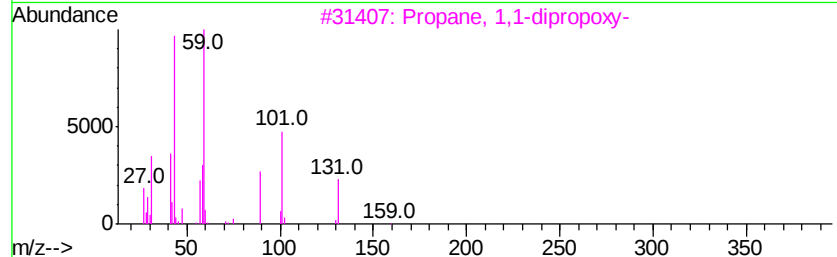
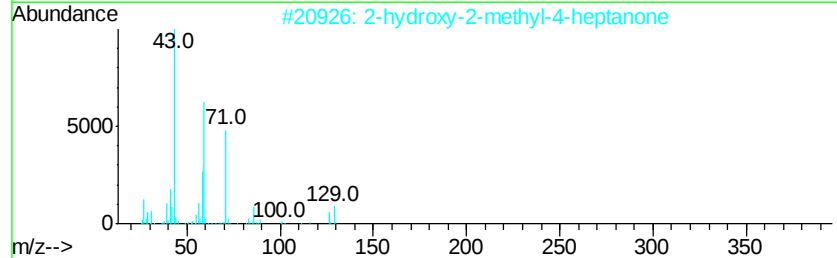
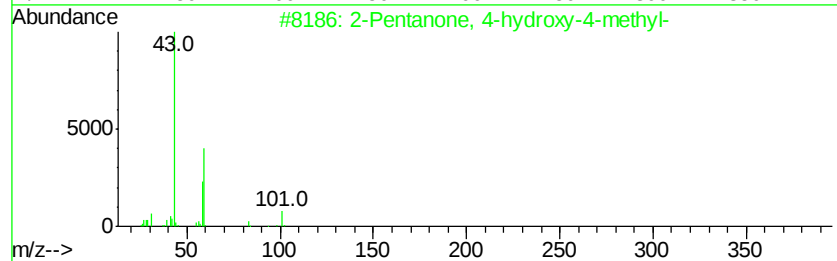
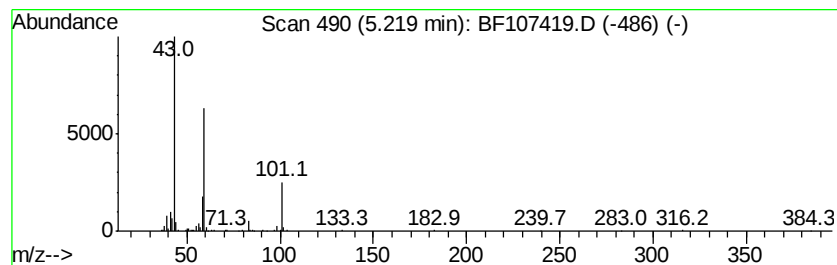
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	12.24 ng	642965	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2		2-hydroxy-2-methyl-4-heptanone	144	C8H16O2	054862-91-8	40
3		Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4		Dimethadione	129	C5H7NO3	000695-53-4	33
5		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28



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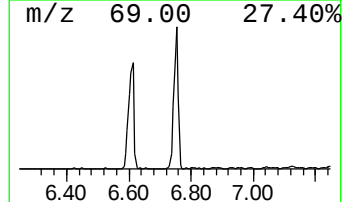
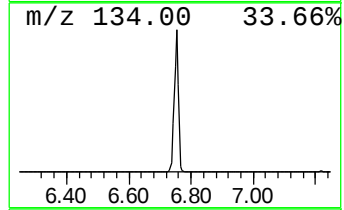
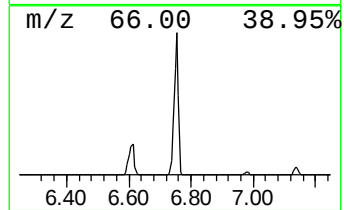
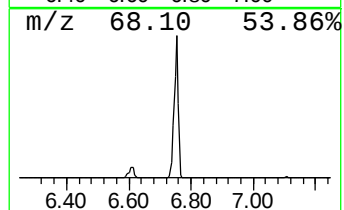
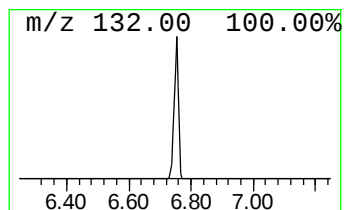
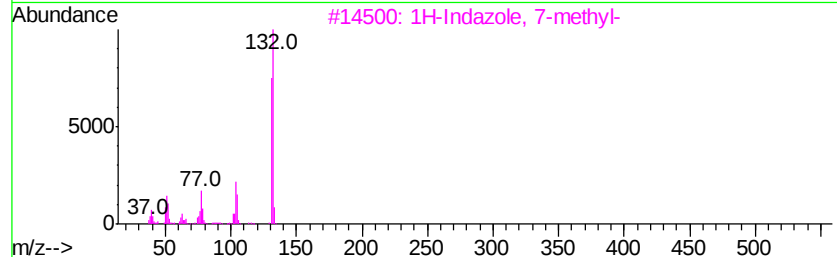
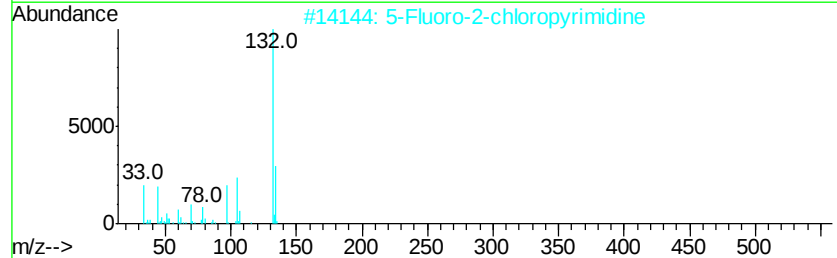
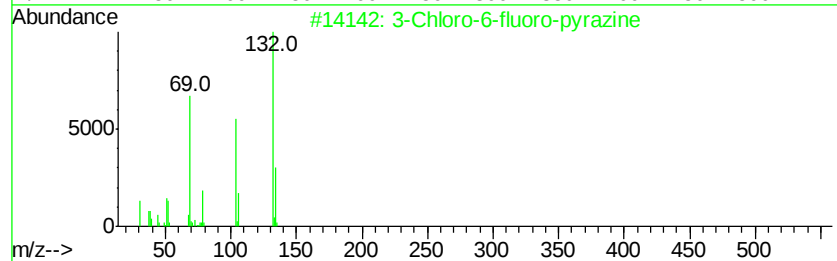
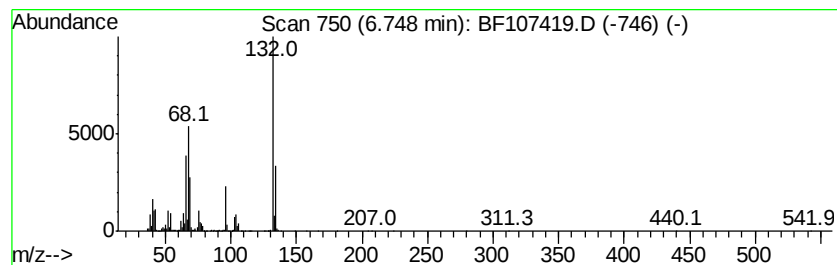
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	91.48 ng	4806940	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10



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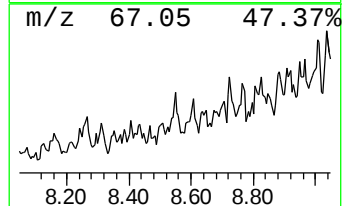
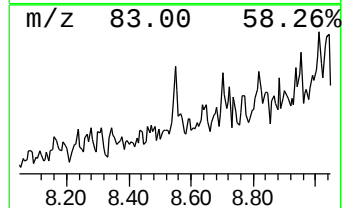
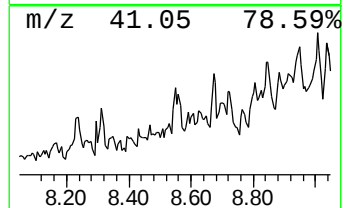
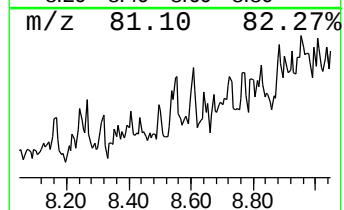
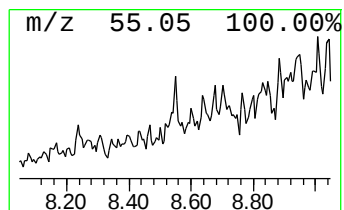
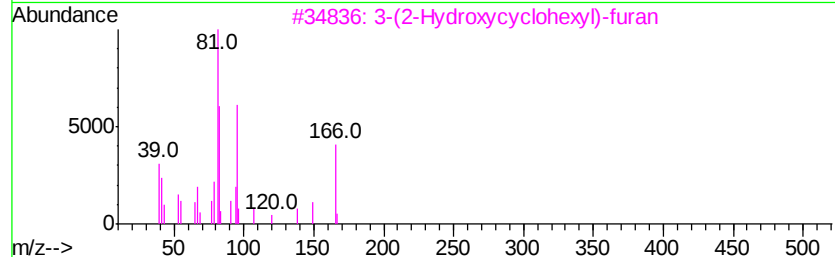
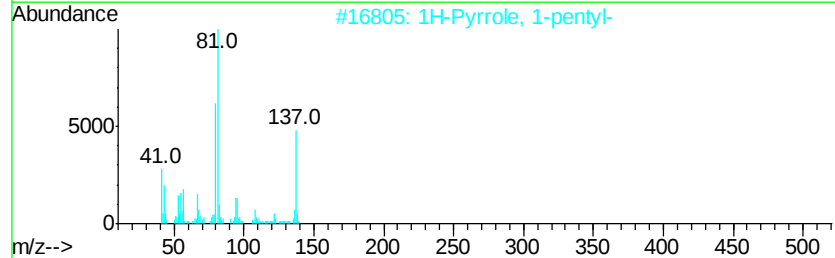
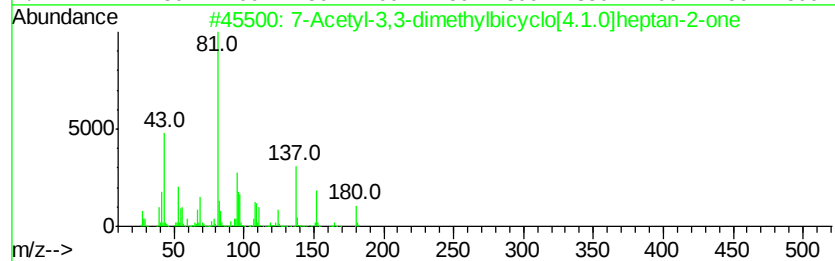
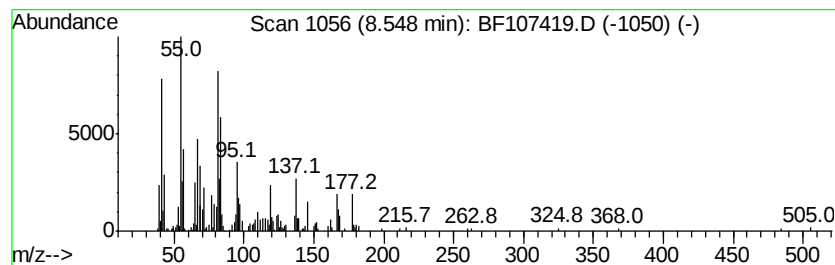
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 7-Acetyl-3,3-dimethylbicyclo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	9.54 ng	670843	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Acetyl-3,3-dimethylbicyclo[4.1.0]heptan-2-one	180	C11H16O2	1000185-00-8	53
2		1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	49
3		3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	35
4		1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	30
5		1-Decyne	138	C10H18	000764-93-2	27



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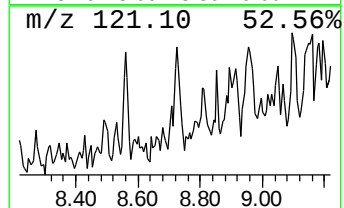
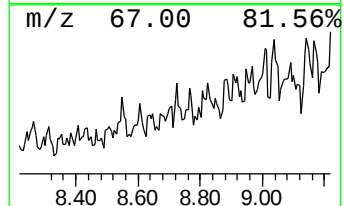
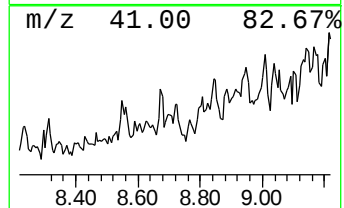
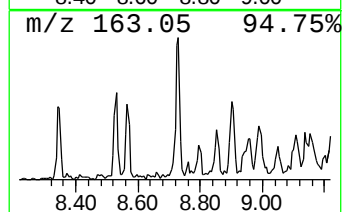
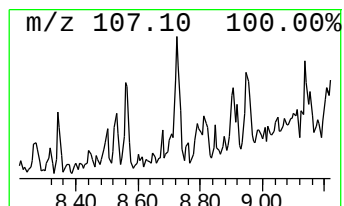
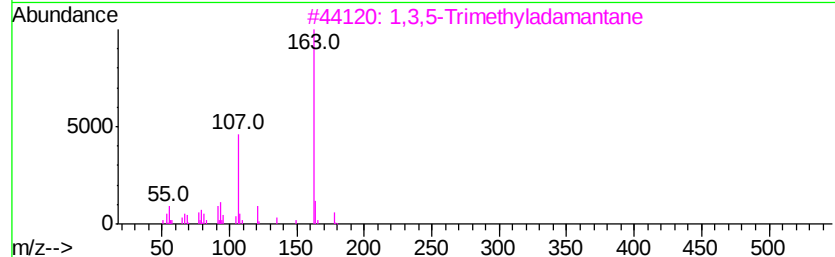
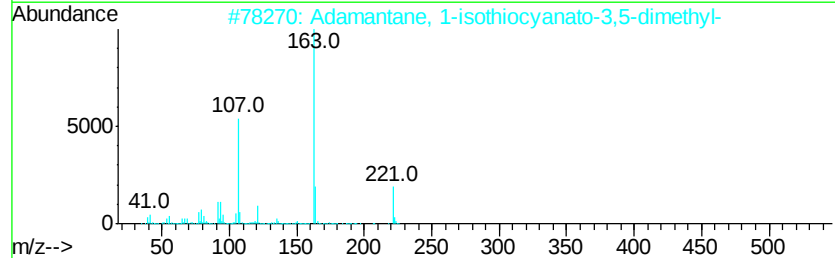
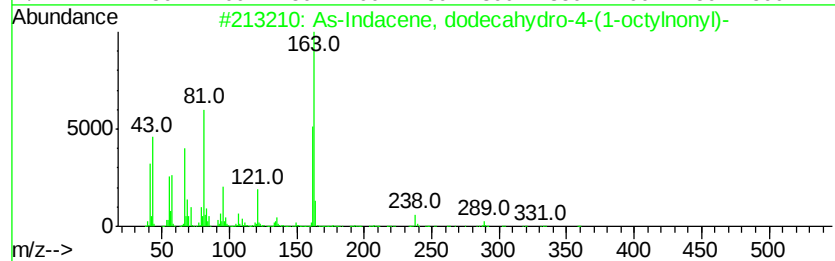
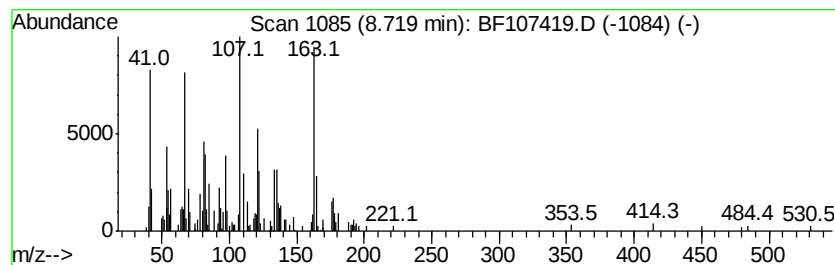
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Peak Number 5 As-Indacene, dodecahydro-4-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	5.55 ng	389893	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	As-Indacene, dodecahydro-4-(1-oc...	402	C29H54	055530-51-3	50
2		Adamantane, 1-isothiocyanato-3,5...	221	C13H19NS	136860-49-6	47
3		1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	46
4		Thiocyanic acid, 4,8-dioxotricyc...	221	C11H11N02S	056781-87-4	43
5		s-Triazolo[4,3-a]pyrazine, 3-am...	163	C7H9N5	019855-02-8	38



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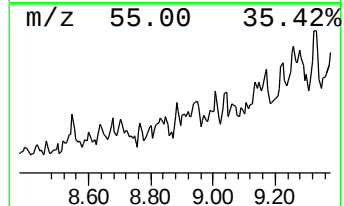
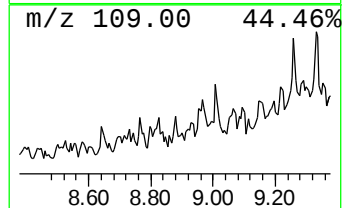
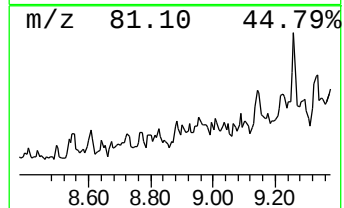
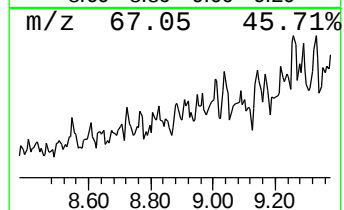
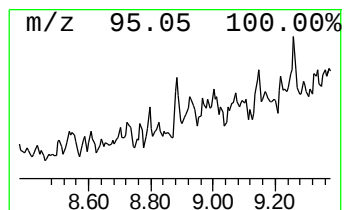
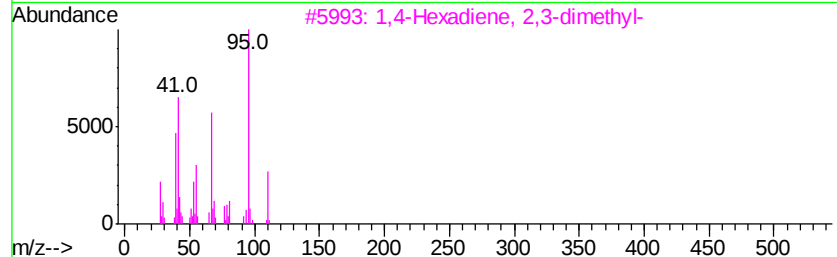
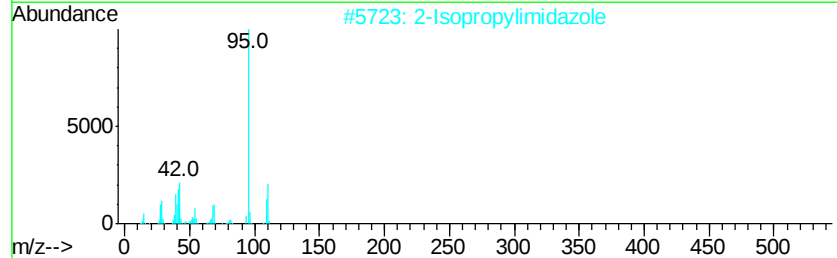
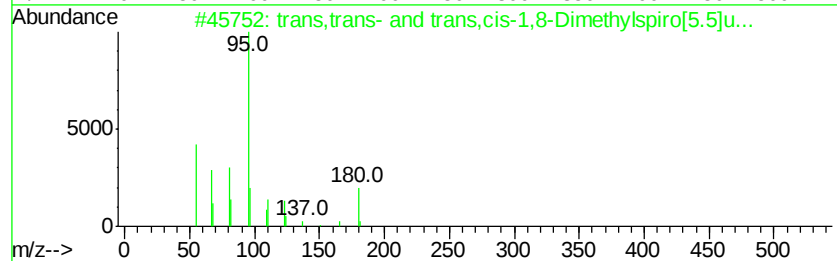
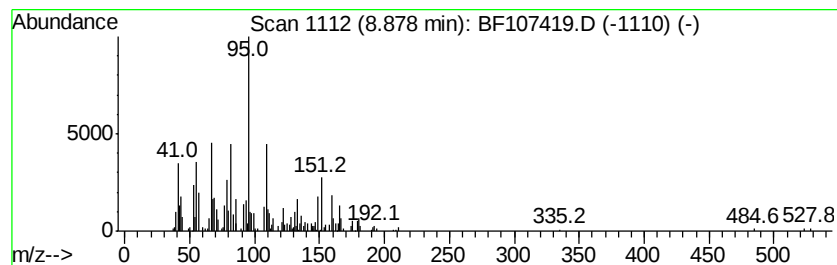
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans,trans- and trans,cis-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	4.98 ng	349954	Napthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans,trans- and trans,cis-1,8-D...	180	C13H24	1000111-73-2	52
2			2-Isopropylimidazole	110	C6H10N2	036947-68-9	43
3			1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	38
4			4,7-Methanobenzofuran, 2,2'-oxyb...	374	C24H38O3	087248-50-8	38
5			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-3

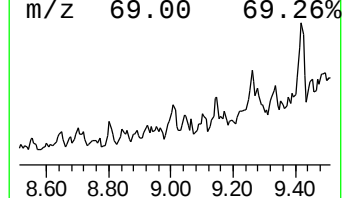
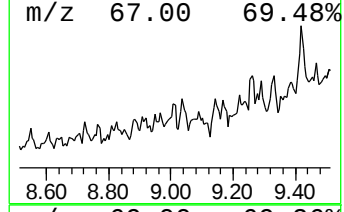
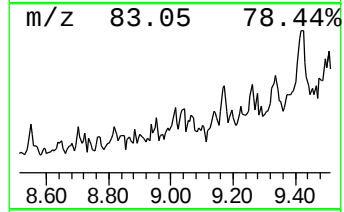
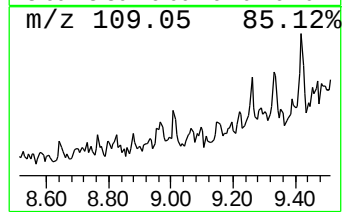
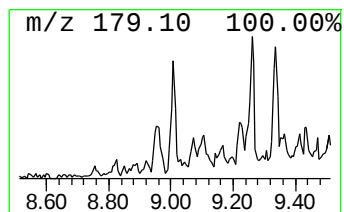
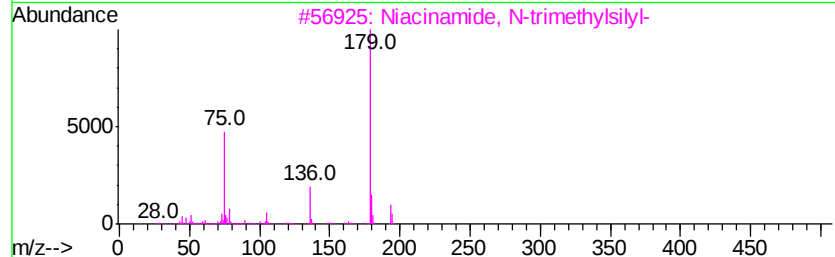
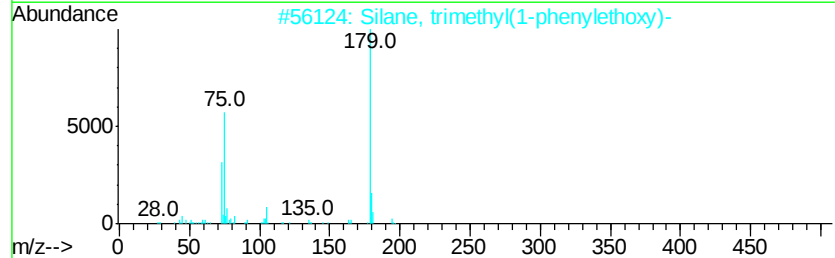
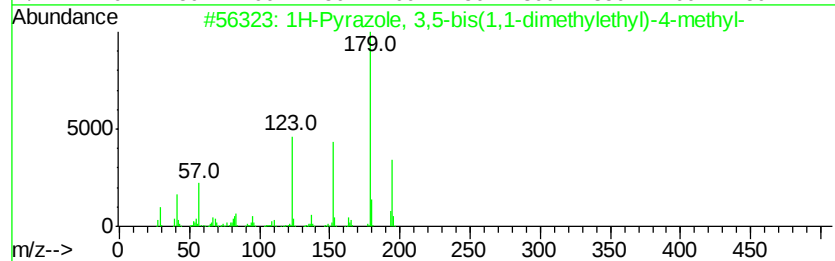
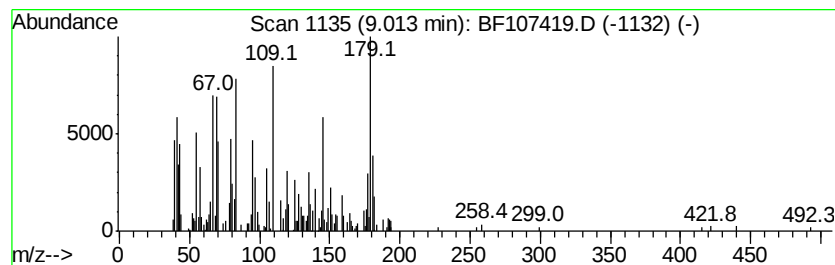
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	5.44 ng	382457	Naphthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrazole, 3,5-bis(1,1-dimethyl...	194	C12H22N2	018712-47-5	43
2		Silane, trimethyl(1-phenylethoxy)-	194	C11H18OSi	014856-75-8	38
3		Niacinamide, N-trimethylsilyl-	194	C9H14N2OSi	1000374-74-5	38
4		1,4-Bis(trimethylsilyl)-1,3-buta...	194	C10H18Si2	004526-07-2	38
5		Acridine	179	C13H9N	000260-94-6	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-3

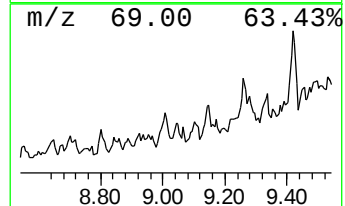
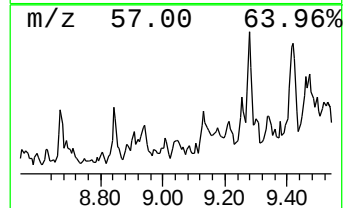
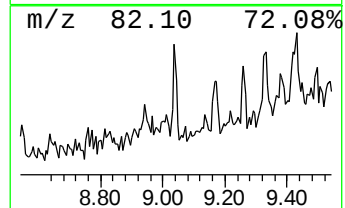
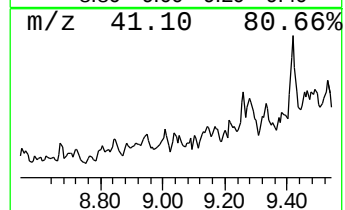
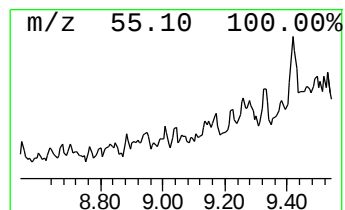
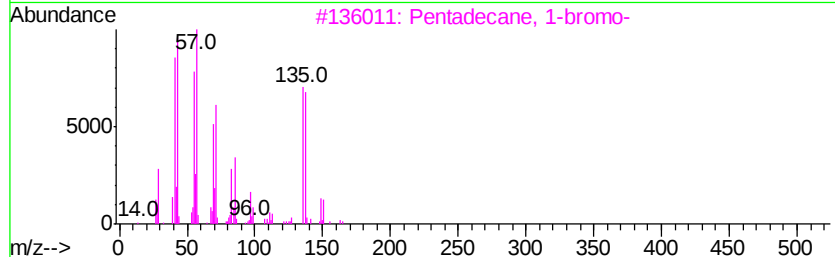
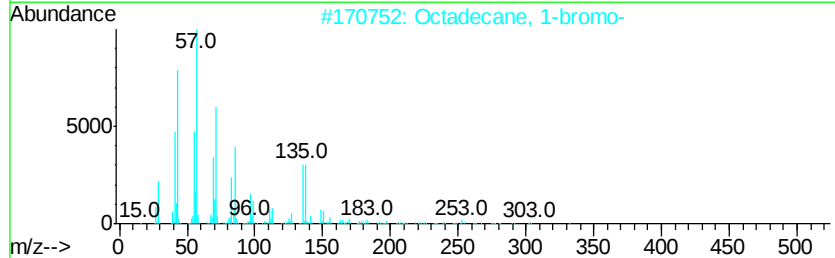
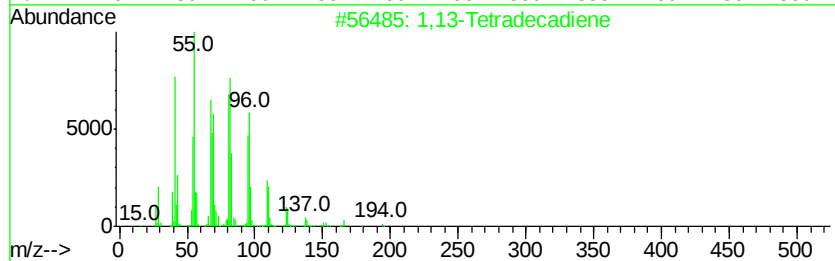
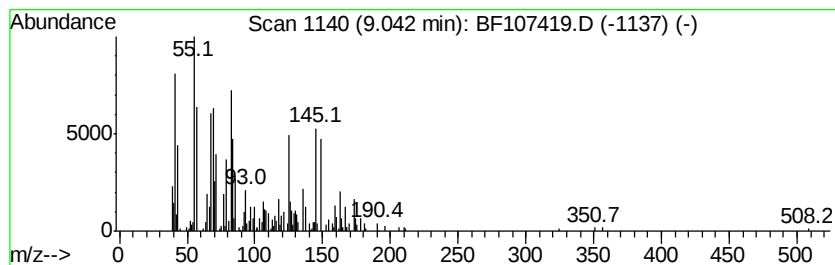
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	6.67 ng	468881	Naphthalene-d8	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,13-Tetradecadiene	194	C14H26	021964-49-8	15
2			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	14
3			Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	14
4			Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	14
5			Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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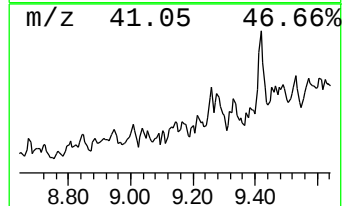
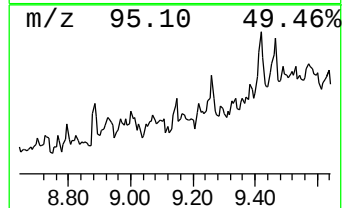
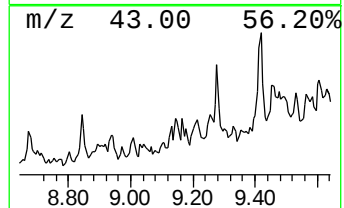
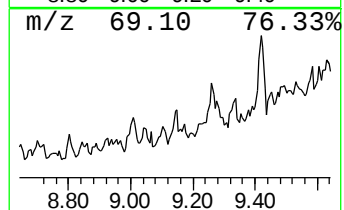
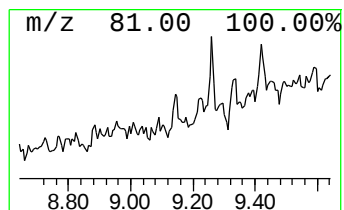
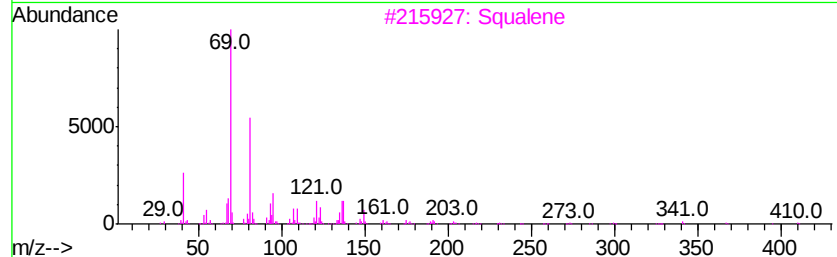
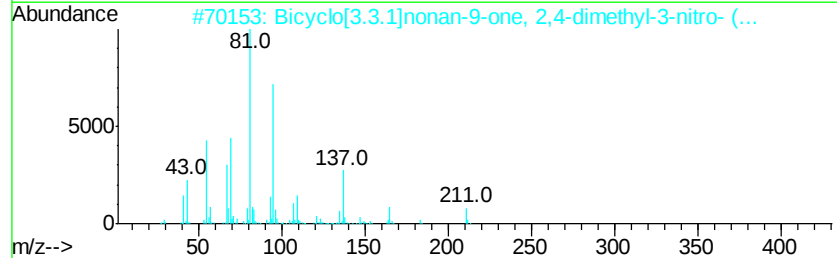
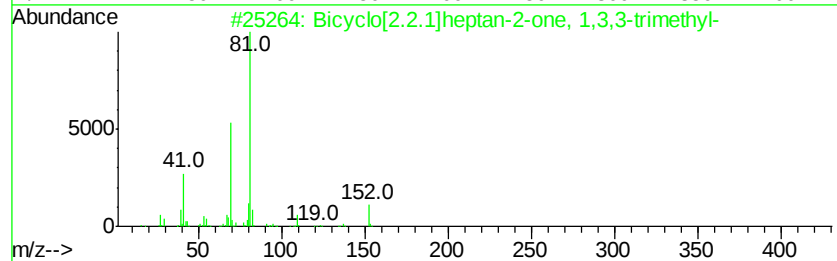
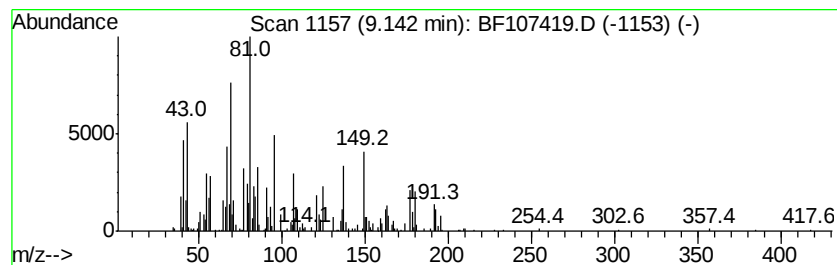
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	8.96 ng	629695	Napthalene-d8	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	35
2		Bicyclo[3.3.1]nonan-9-one, 2,4-d...	211	C11H17NO3	129967-64-2	27
3		Squalene	410	C30H50	000111-02-4	14
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	14
5		2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	041436-42-4	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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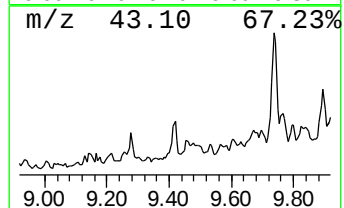
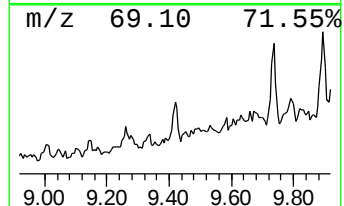
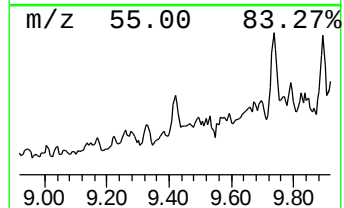
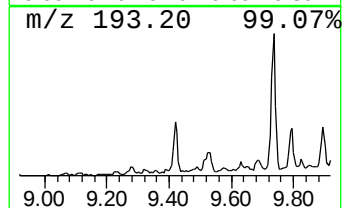
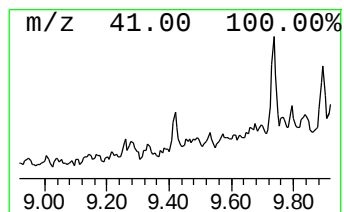
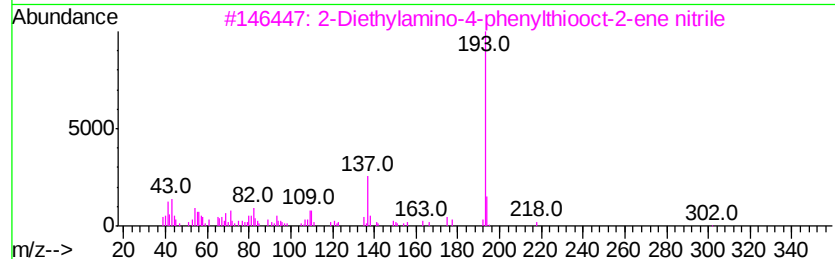
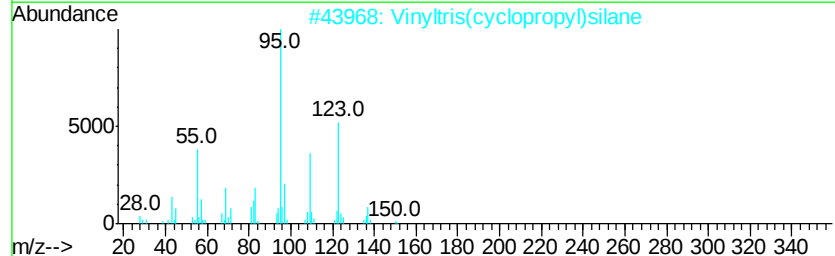
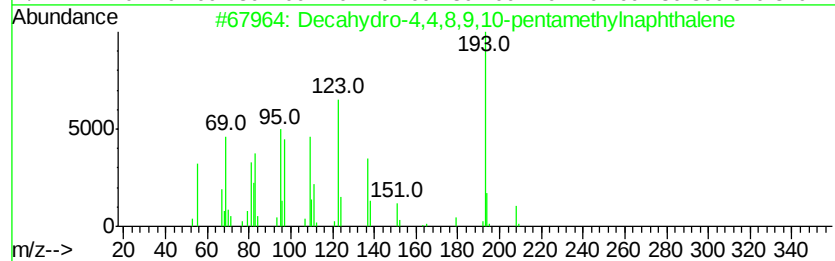
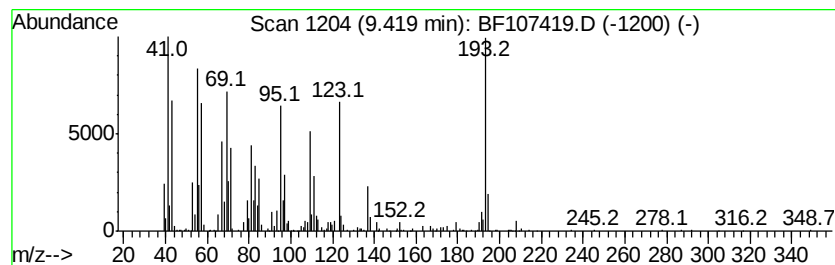
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.42 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	8.72 ng	1773320	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2			Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	25
3			2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	25
4			2-Anthracenamine	193	C14H11N	000613-13-8	22
5			Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
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Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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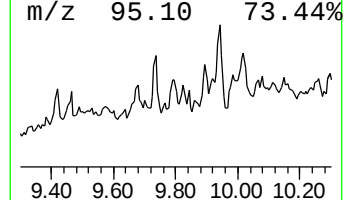
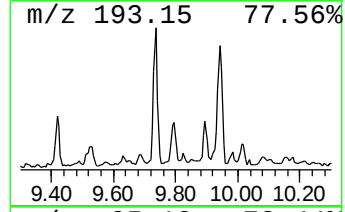
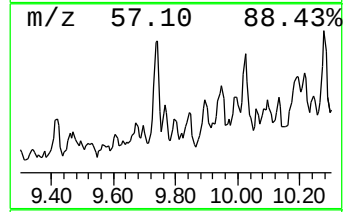
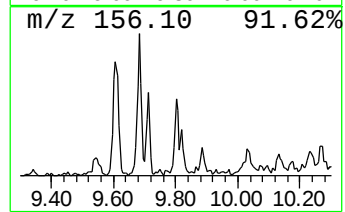
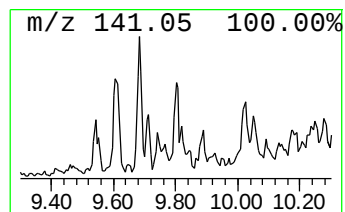
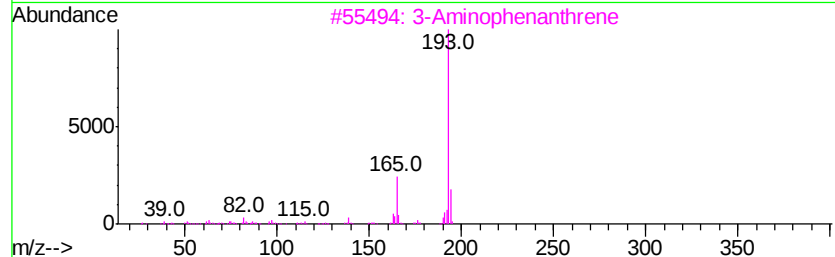
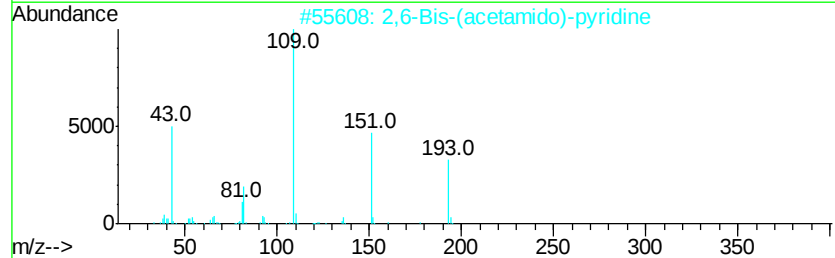
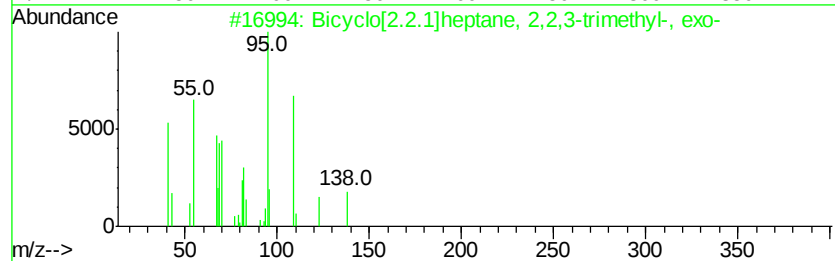
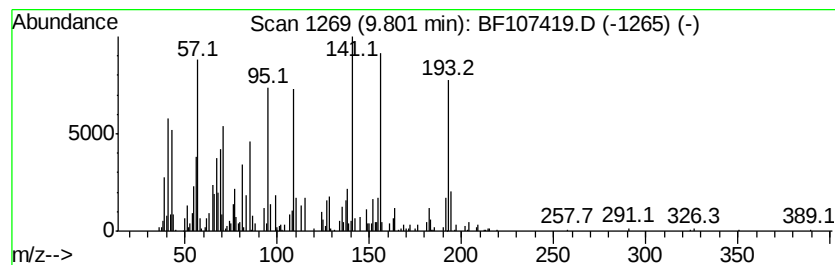
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	5.06 ng	1030020	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	42
2			2,6-Bis-(acetamido)-pyridine	193	C9H11N3O2	005441-02-1	38
3			3-Aminophenanthrene	193	C14H11N	001892-54-2	30
4			2-Anthracenamine	193	C14H11N	000613-13-8	30
5			1-Anthracenamine	193	C14H11N	000610-49-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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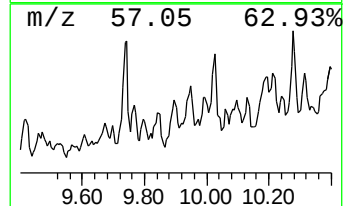
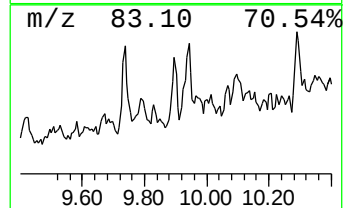
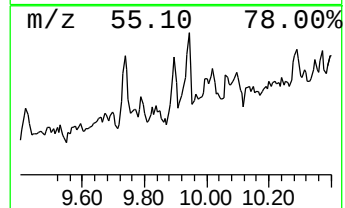
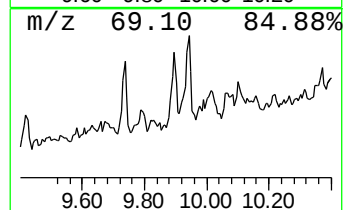
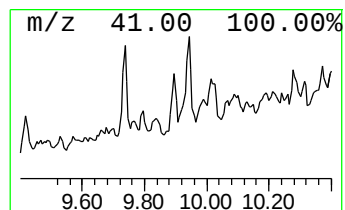
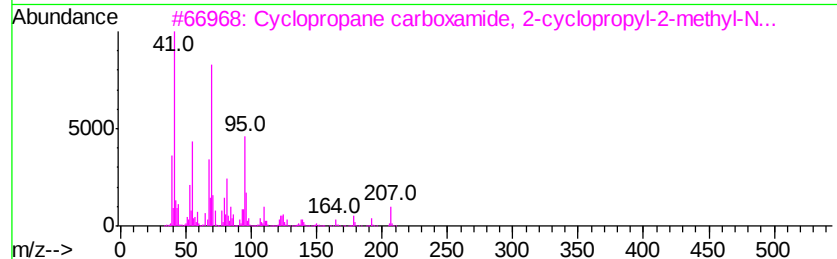
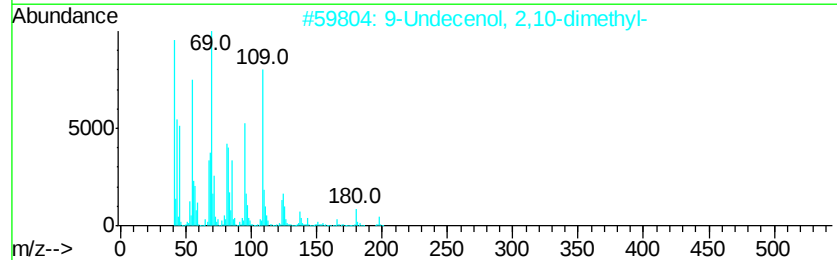
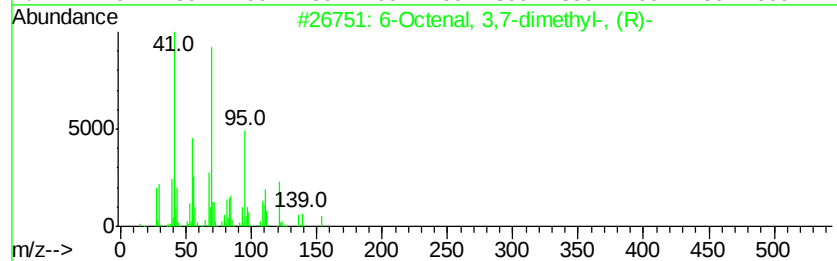
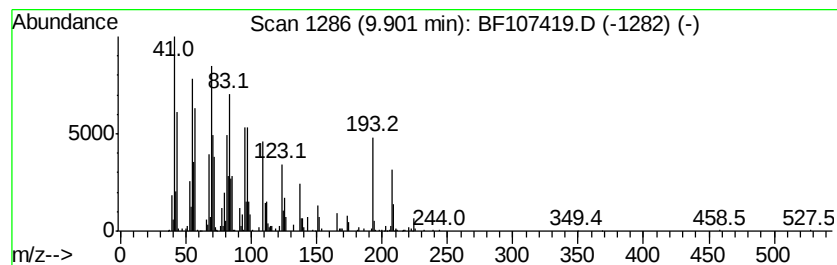
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown9.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	10.28 ng	2091620	Acenaphthene-d10	10.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-, (R)-			154	C10H18O	002385-77-5	46
2	9-Undecenol, 2,10-dimethyl-			198	C13H26O	1000131-86-0	43
3	Cvclopropane carboxamide, 2-cvccl...			207	C13H21NO	331416-19-4	38
4	2-Heptafluorobutyroxypentadecane			424	C19H31F7O2	1000245-50-0	35
5	4-n-Hexylthiane, S,S-dioxide			218	C11H22O2S	070928-52-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-3

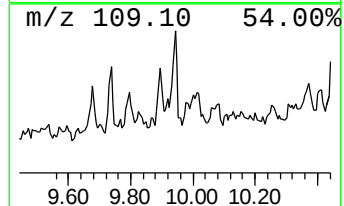
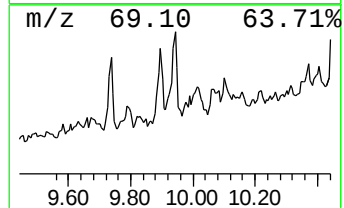
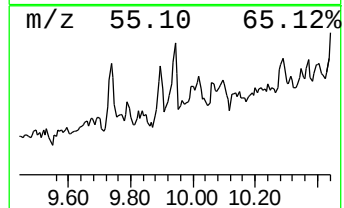
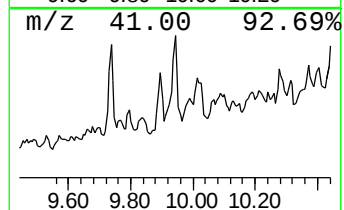
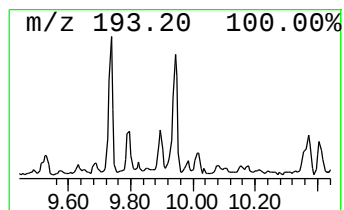
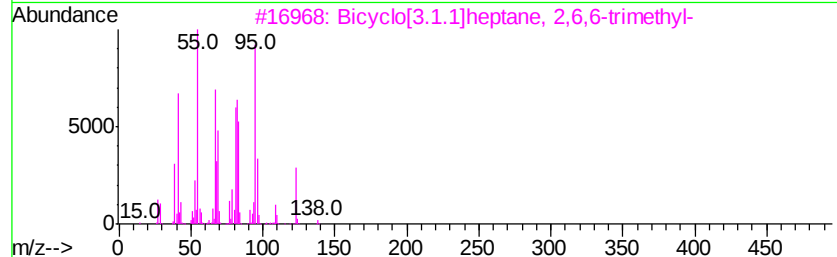
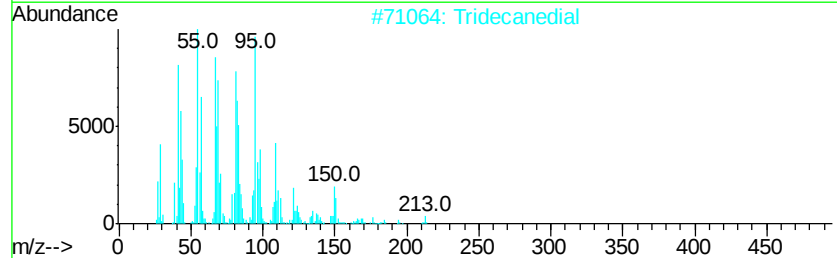
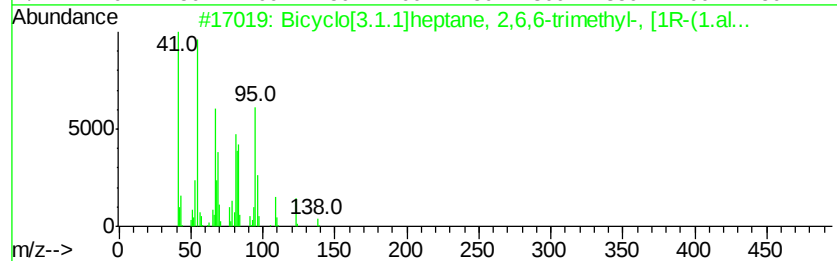
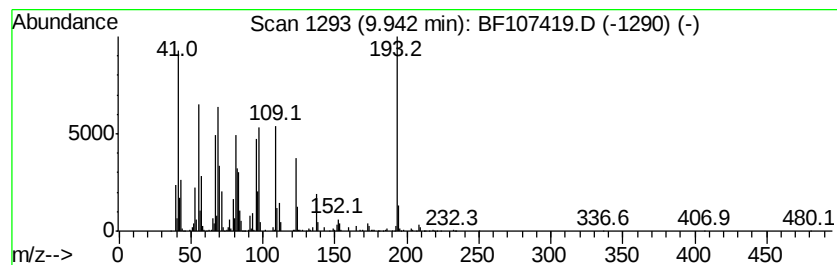
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.94 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	16.39 ng	3334830	Acenaphthene-d10	10.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	42
2		Tridecanedial	212	C13H24O2	063521-76-6	42
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	38
4		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
5		Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
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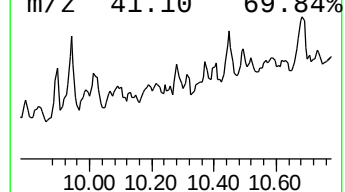
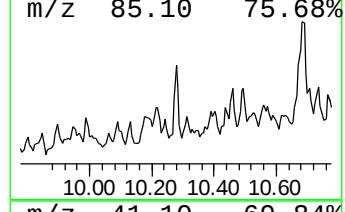
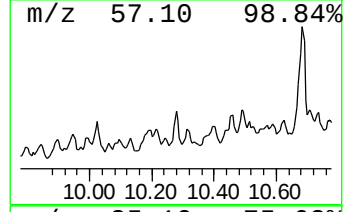
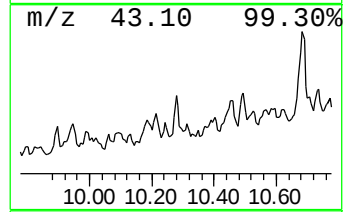
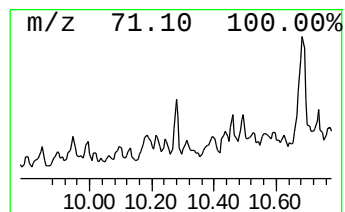
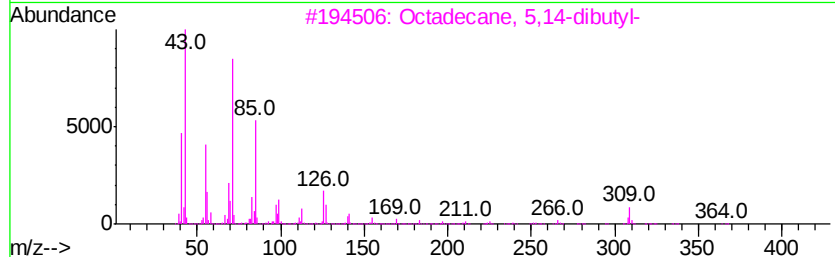
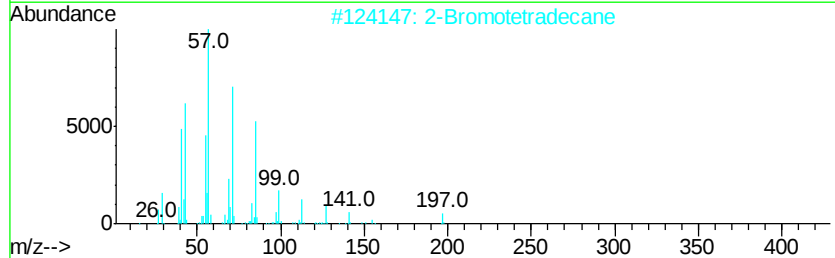
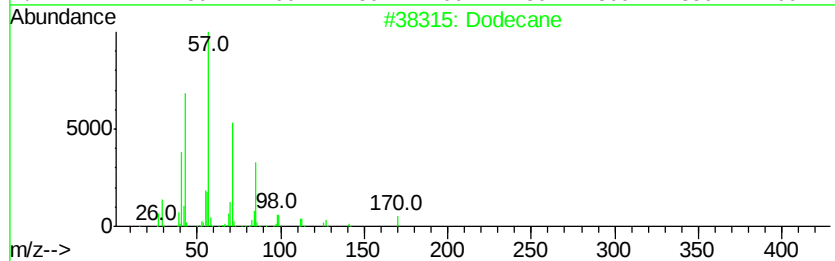
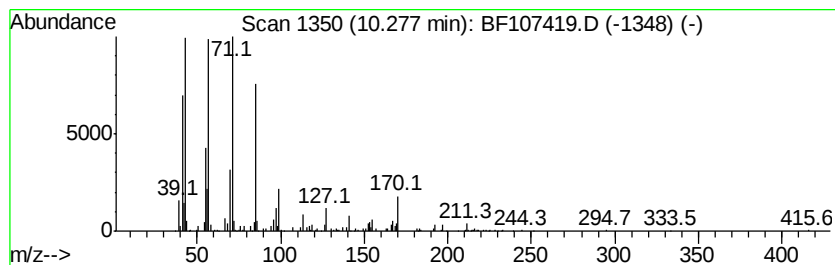
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.13 ng	1246760	Acenaphthene-d10	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	90
2	2-Bromotetradecane	276 C14H29Br	074036-95-6	80
3	Octadecane, 5,14-dibutyl-	366 C26H54	055282-13-8	64
4	Octadecane	254 C18H38	000593-45-3	59
5	Sulfurous acid, isohexyl 2-penty...	236 C11H24O3S	1000309-15-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
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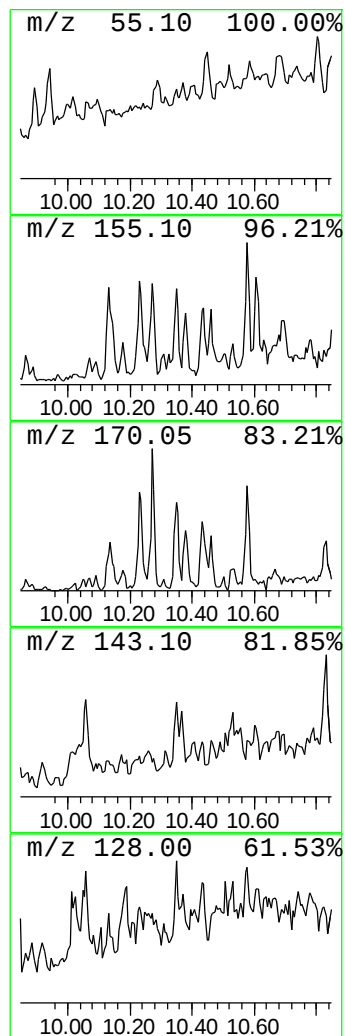
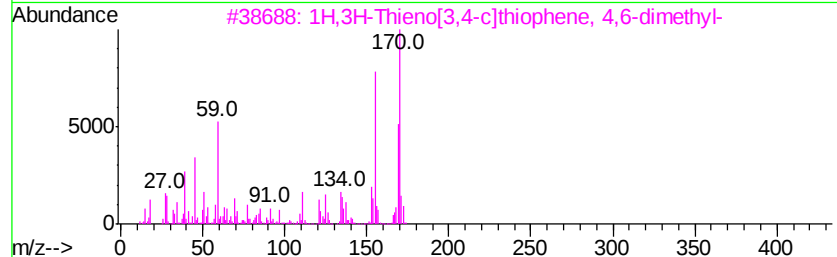
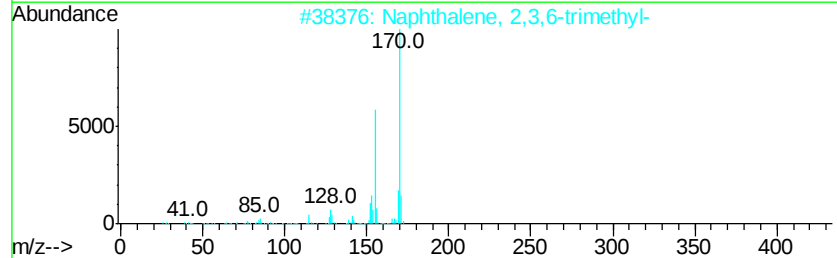
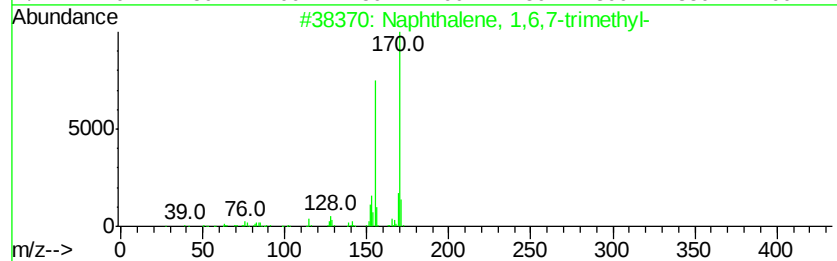
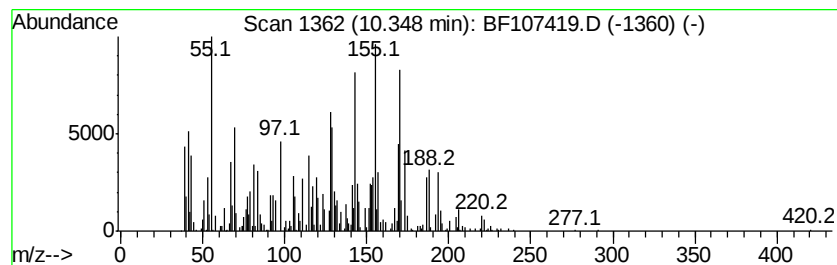
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.35	5.01 ng	1019750	Acenaphthene-d10	10.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	46
3	1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	42
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
5	Pyridine, 2-amino-6-phenyl-	170	C11H10N2	039774-25-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

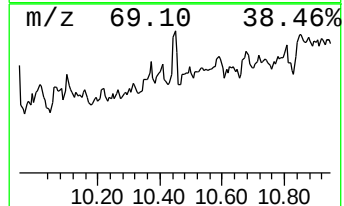
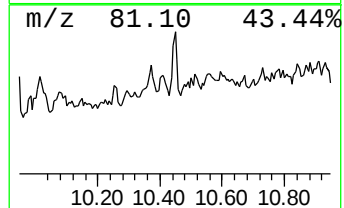
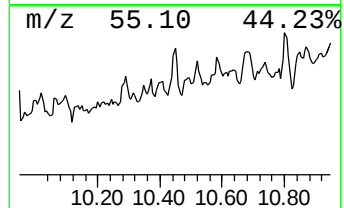
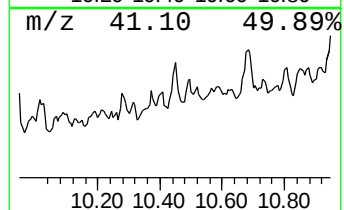
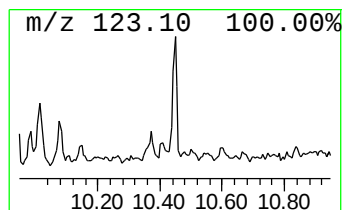
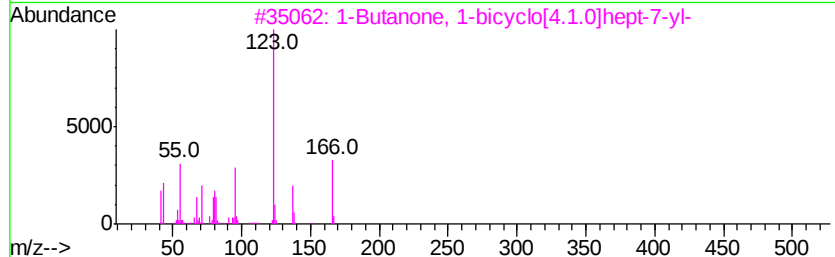
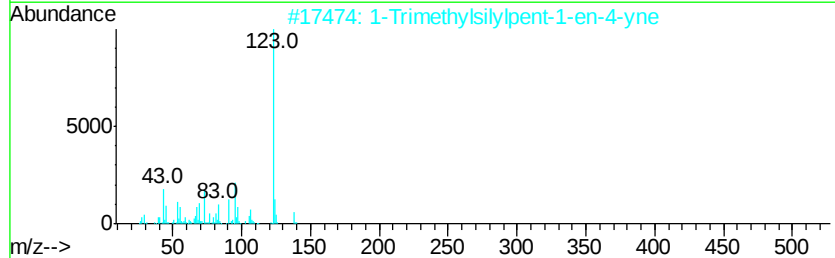
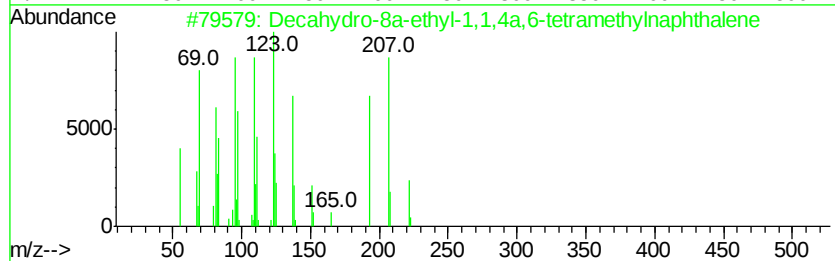
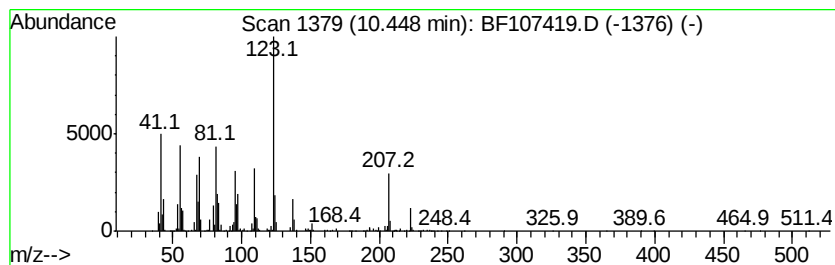
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	11.36 ng	2310960	Acenaphthene-d10	10.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-8a-ethyl-1,1,4a,6-tetr...	222 C16H30	1000100-23-6 52
2		1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9 49
3		1-Butanone, 1-bicyclo[4.1.0]hept...	166 C11H18O	054764-62-4 47
4		Benzene-1,2,3-triamine	123 C6H9N3	1000316-45-3 46
5		(Phenylthio)acetic acid, cyclobu...	222 C12H14O2S	1000299-95-5 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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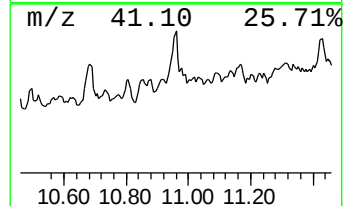
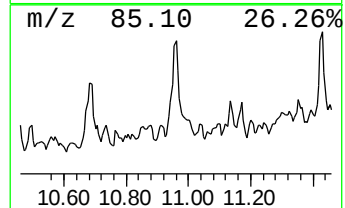
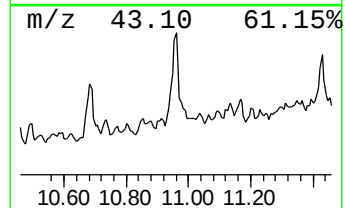
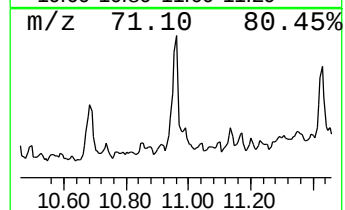
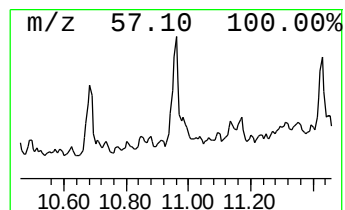
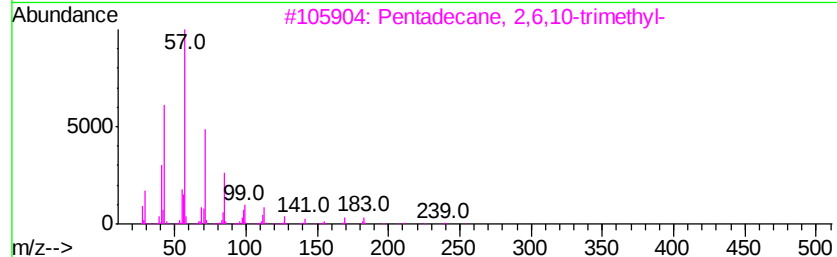
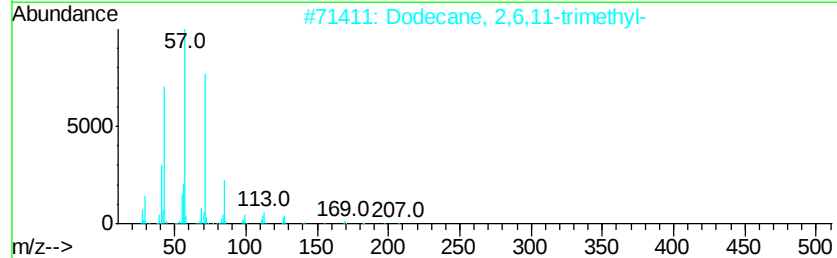
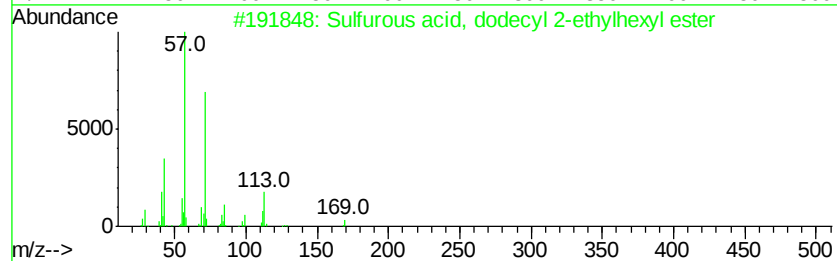
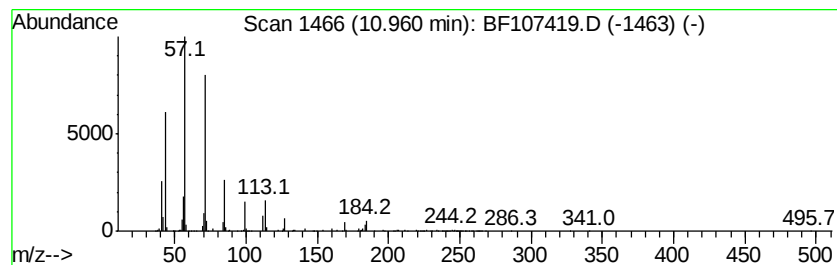
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Sulfurous acid, dodecyl 2-e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	20.00 ng	3797150	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4		Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64
5		Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
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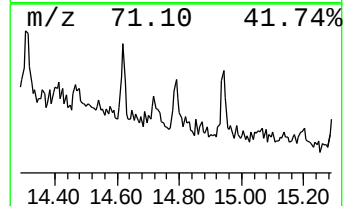
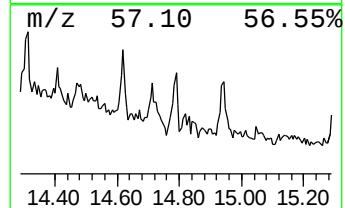
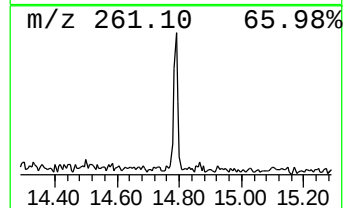
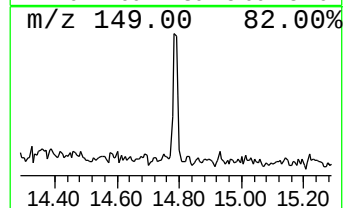
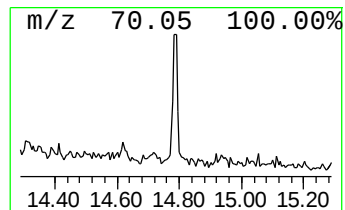
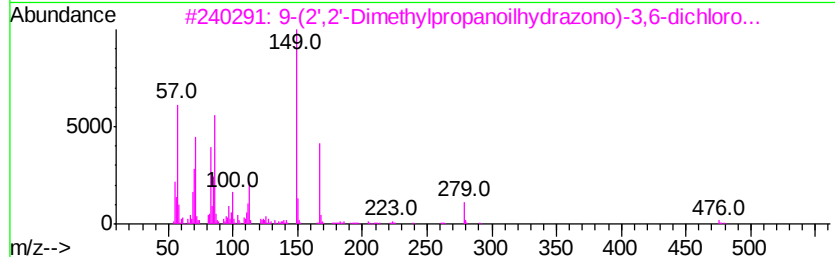
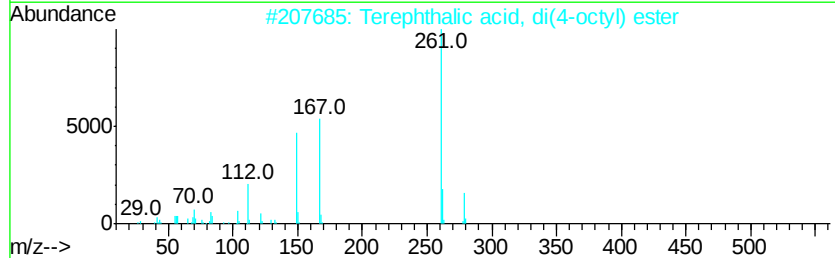
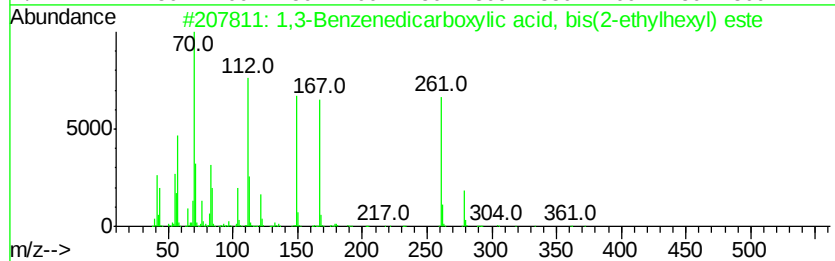
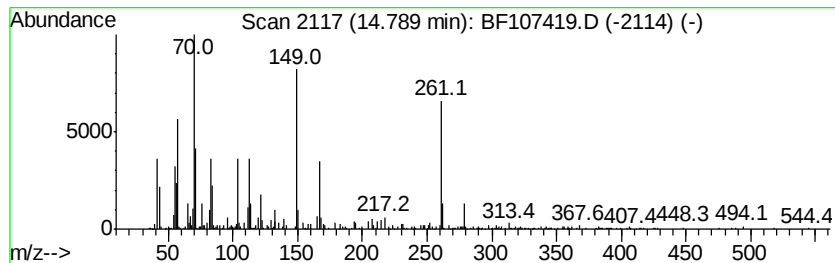
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,3-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	13.54 ng	690577	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	83
2		Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	52
3		9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	38
4		Carbonic acid, propanoyl 2-ethyl...	212	C12H20O3	1000357-90-9	30
5		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
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Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

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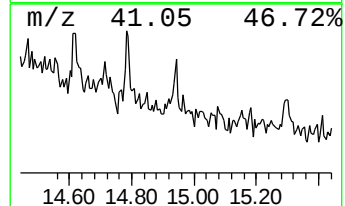
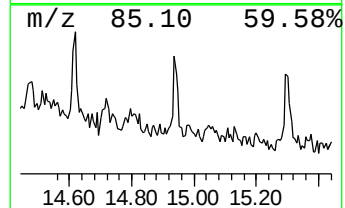
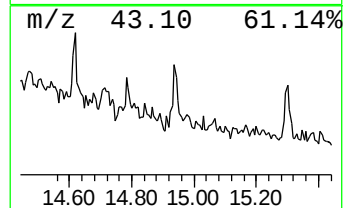
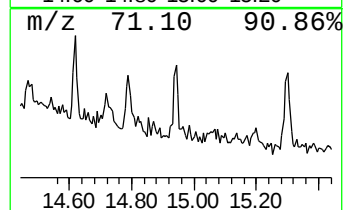
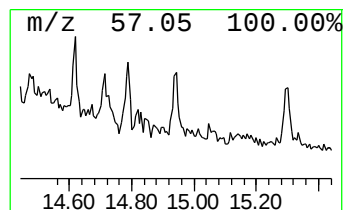
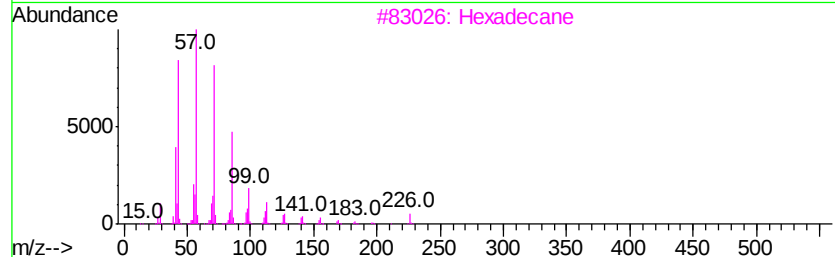
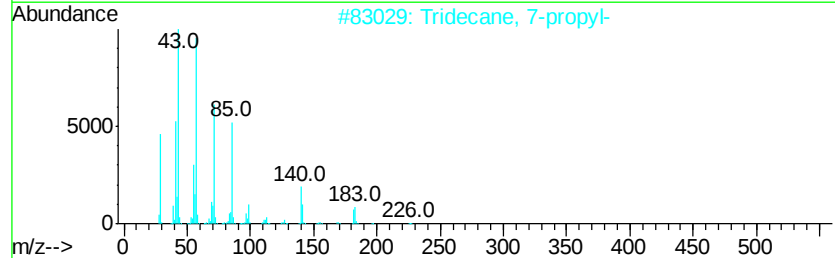
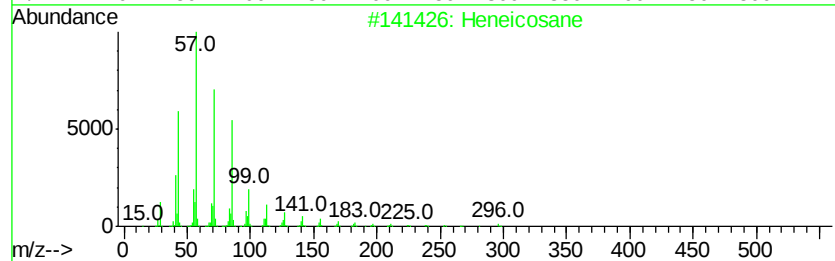
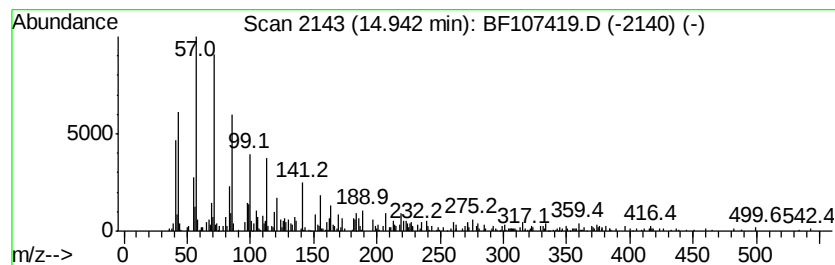
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	4.71 ng	337695	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	74
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
3		Hexadecane	226	C16H34	000544-76-3	55
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	52
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
Data File : BF107419.D
Acq On : 16 Jul 2018 22:55
Operator : JU/SJ
Sample : J3545-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-3

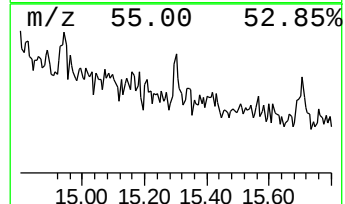
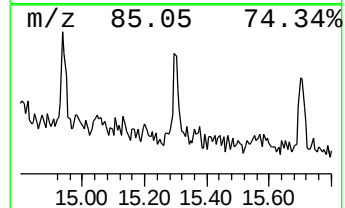
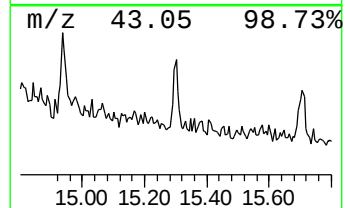
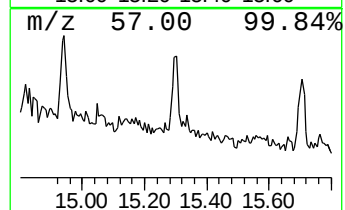
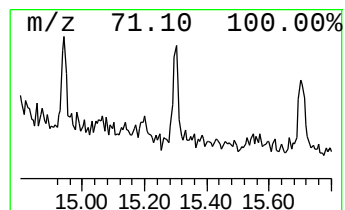
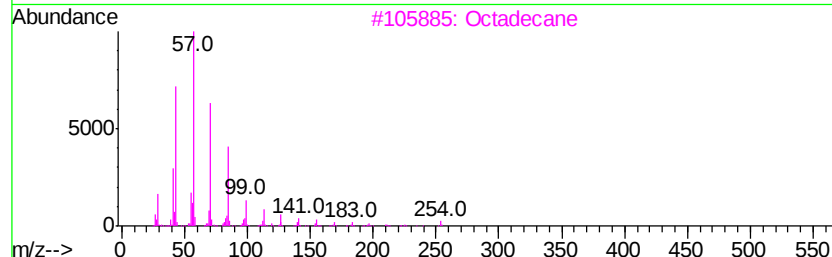
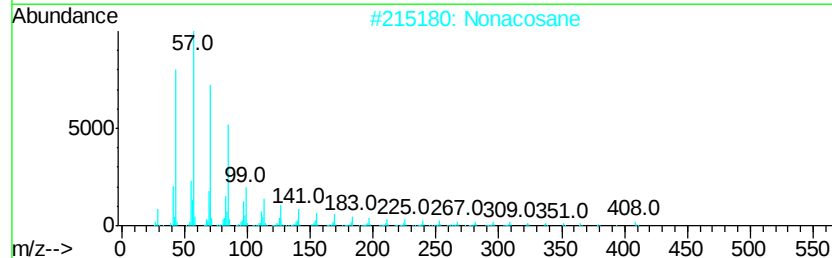
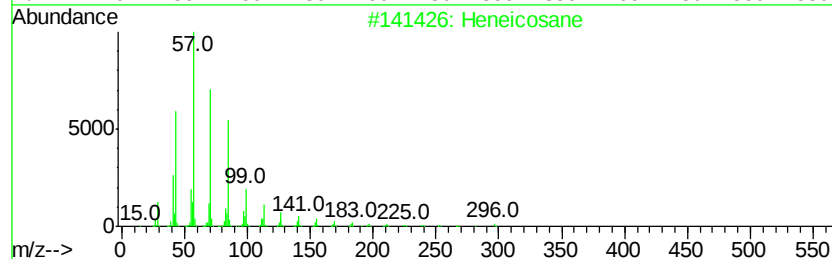
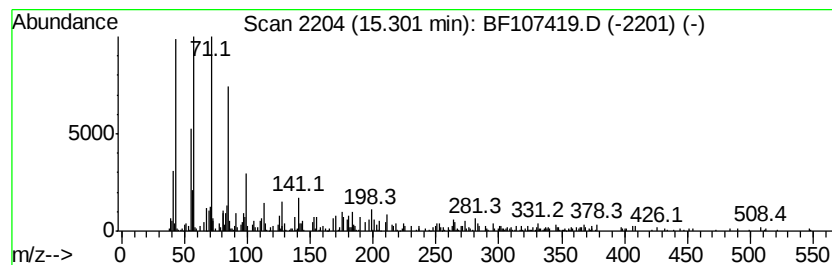
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	5.53 ng	396837	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Octadecane	254	C18H38	000593-45-3	83
4			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107419.D
 Acq On : 16 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3545-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3

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	12.2	ng	642965	1	6.98	1050950	20.0
unknown6.75	6.75	91.5	ng	4806940	1	6.98	1050950	20.0
7-Acetyl-3,3-dime...	8.55	9.5	ng	670843	2	8.27	1405780	20.0
As-Indacene, dode...	8.72	5.5	ng	389893	2	8.27	1405780	20.0
trans,trans- and ...	8.88	5.0	ng	349954	2	8.27	1405780	20.0
unknown9.01	9.01	5.4	ng	382457	2	8.27	1405780	20.0
unknown9.04	9.04	6.7	ng	468881	2	8.27	1405780	20.0
unknown9.14	9.14	9.0	ng	629695	2	8.27	1405780	20.0
unknown9.42	9.42	8.7	ng	1773320	3	10.03	4068850	20.0
unknown9.80	9.80	5.1	ng	1030020	3	10.03	4068850	20.0
unknown9.90	9.90	10.3	ng	2091620	3	10.03	4068850	20.0
unknown9.94	9.94	16.4	ng	3334830	3	10.03	4068850	20.0
Dodecane	10.28	6.1	ng	1246760	3	10.03	4068850	20.0
Naphthalene, 1,6,...	10.35	5.0	ng	1019750	3	10.03	4068850	20.0
Decahydro-8a-ethy...	10.45	11.4	ng	2310960	3	10.03	4068850	20.0
Sulfurous acid, d...	10.96	20.0	ng	3797150	4	11.54	3797150	20.0
1,3-Benzenedicarb...	14.79	13.5	ng	690577	5	14.17	1019880	20.0
Heneicosane	14.94	4.7	ng	337695	6	15.70	1435150	20.0
Nonacosane	15.30	5.5	ng	396837	6	15.70	1435150	20.0