

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
 Data File : BF101274.D
 Acq On : 9 Dec 2017 10:12
 Operator : SJ/JU
 Sample : I6744-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

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:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.034	496	501	504	rBV	35626	46788	1.14%	0.079%
2	5.439	566	570	578	rBV	710676	697389	16.93%	1.172%
3	5.581	591	594	601	rBV3	107550	159432	3.87%	0.268%
4	5.692	605	613	618	rVB4	34834	60613	1.47%	0.102%
5	5.739	618	621	625	rBV	68176	64161	1.56%	0.108%
6	5.828	632	636	642	rVB3	157577	251974	6.12%	0.423%
7	5.975	657	661	665	rVB3	131949	161881	3.93%	0.272%
8	6.022	665	669	671	rBV3	75314	92138	2.24%	0.155%
9	6.063	671	676	679	rVV4	101274	158730	3.85%	0.267%
10	6.092	679	681	684	rVB3	109294	106747	2.59%	0.179%
11	6.163	689	693	695	rBV3	86192	116320	2.82%	0.195%
12	6.181	695	696	699	rVB	60023	46278	1.12%	0.078%
13	6.210	699	701	704	rVB2	82042	71489	1.74%	0.120%
14	6.257	704	709	712	rBV2	153477	197070	4.78%	0.331%
15	6.298	712	716	722	rVB5	122616	209409	5.08%	0.352%
16	6.357	722	726	731	rBV2	611998	716890	17.40%	1.204%
17	6.439	737	740	742	rBV	113195	126671	3.08%	0.213%
18	6.469	742	745	748	rVV	721280	790632	19.19%	1.328%
19	6.492	748	749	752	rVB2	333163	245559	5.96%	0.413%
20	6.522	752	754	760	rBV3	121650	122879	2.98%	0.206%
21	6.575	760	763	765	rBV2	221578	229781	5.58%	0.386%
22	6.604	765	768	774	rVB	1022653	991564	24.07%	1.666%
23	6.657	774	777	779	rBV3	82383	99619	2.42%	0.167%
24	6.681	779	781	784	rVB2	167581	155571	3.78%	0.261%
25	6.733	784	790	793	rBV5	180179	331849	8.06%	0.558%
26	6.786	793	799	802	rBV5	386494	625632	15.19%	1.051%
27	6.833	804	807	812	rVB3	697364	757788	18.40%	1.273%
28	6.886	812	816	818	rBV4	175104	174783	4.24%	0.294%
29	6.916	818	821	823	rBV2	219715	247693	6.01%	0.416%
30	6.939	823	825	828	rBV2	92292	89307	2.17%	0.150%
31	6.969	828	830	831	rBV2	212111	160571	3.90%	0.270%
32	6.986	831	833	835	rVB	504594	349941	8.50%	0.588%
33	7.057	842	845	847	rBV3	123014	165406	4.02%	0.278%
34	7.075	847	848	849	rVV	179558	119642	2.90%	0.201%

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35	7.098	849	852	856	rVB2	779364	753626	18.30%	1.266%
36	7.139	856	859	862	rBV4	132514	203479	4.94%	0.342%
37	7.169	862	864	867	rBV4	139266	171291	4.16%	0.288%
38	7.198	867	869	870	rVV2	153570	120763	2.93%	0.203%
39	7.228	870	874	876	rVV	481079	544871	13.23%	0.915%
40	7.251	876	878	884	rVB4	403424	464636	11.28%	0.781%
41	7.304	884	887	890	rBV2	221837	209600	5.09%	0.352%
42	7.351	890	895	900	rBV3	594275	1084829	26.34%	1.823%
43	7.398	900	903	906	rVV2	536417	602061	14.62%	1.012%
44	7.428	906	908	911	rVB4	302926	303116	7.36%	0.509%
45	7.475	911	916	919	rBV4	837373	1091128	26.49%	1.833%
46	7.522	919	924	928	rBV5	519575	1089829	26.46%	1.831%
47	7.580	931	934	936	rVV3	371086	380637	9.24%	0.640%
48	7.610	936	939	941	rVV2	630078	526269	12.78%	0.884%
49	7.639	941	944	947	rVV2	838331	801233	19.45%	1.346%
50	7.710	950	956	961	rBV6	464813	838805	20.36%	1.409%
51	7.757	961	964	968	rBV3	1421388	1523077	36.98%	2.559%
52	7.798	968	971	973	rVV3	372235	333637	8.10%	0.561%
53	7.827	973	976	978	rVB3	215419	192016	4.66%	0.323%
54	7.851	978	980	982	rBV2	186788	185028	4.49%	0.311%
55	7.875	982	984	986	rVB2	288757	231000	5.61%	0.388%
56	7.933	991	994	1000	rBV5	347355	566478	13.75%	0.952%
57	7.986	1000	1003	1006	rBV4	522837	684449	16.62%	1.150%
58	8.022	1006	1009	1013	rBV4	472006	505941	12.28%	0.850%
59	8.057	1013	1015	1017	rBV3	249776	272247	6.61%	0.457%
60	8.104	1020	1023	1024	rBV3	788205	750983	18.23%	1.262%
61	8.122	1024	1026	1028	rVB3	728135	601832	14.61%	1.011%
62	8.145	1028	1030	1031	rBV2	266742	200574	4.87%	0.337%
63	8.180	1032	1036	1038	rVB2	995064	1163718	28.25%	1.955%
64	8.210	1038	1041	1043	rBV3	314194	322265	7.82%	0.541%
65	8.275	1049	1052	1054	rBV3	375519	457326	11.10%	0.768%
66	8.298	1054	1056	1058	rVV2	455260	460574	11.18%	0.774%
67	8.327	1058	1061	1063	rVB2	1073807	1159266	28.14%	1.948%
68	8.410	1071	1075	1080	rBV6	727406	1201313	29.16%	2.018%
69	8.469	1082	1085	1088	rBV3	539599	539600	13.10%	0.907%
70	8.504	1089	1091	1094	rVB3	788056	885212	21.49%	1.487%
71	8.545	1094	1098	1100	rBV	804858	926905	22.50%	1.557%

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72	8.569	1100	1102	1104	rBV	700679	594402	14.43%	0.999%
73	8.633	1110	1113	1115	rVB2	799393	672232	16.32%	1.129%
74	8.669	1115	1119	1121	rBV3	1271464	1497204	36.35%	2.516%
75	8.692	1121	1123	1125	rVB	453024	374747	9.10%	0.630%
76	8.780	1136	1138	1140	rVB3	360502	257021	6.24%	0.432%
77	8.816	1140	1144	1147	rVB5	1041617	1406152	34.14%	2.363%
78	8.874	1151	1154	1156	rVB3	952463	804067	19.52%	1.351%
79	8.904	1156	1159	1162	rBV3	735485	1108461	26.91%	1.862%
80	8.957	1166	1168	1169	rBV	639486	499744	12.13%	0.840%
81	9.016	1175	1178	1179	rBV3	470853	508330	12.34%	0.854%
82	9.127	1195	1197	1199	rVB3	727944	548389	13.31%	0.921%
83	9.157	1199	1202	1206	rVB3	1093705	1121566	27.23%	1.884%
84	9.204	1207	1210	1212	rVB2	992777	809391	19.65%	1.360%
85	9.292	1220	1225	1230	rBV3	2555146	4119147	100.00%	6.921%
86	9.333	1230	1232	1235	rBV4	473246	695626	16.89%	1.169%
87	9.486	1256	1258	1260	rBV3	563708	527419	12.80%	0.886%
88	9.616	1275	1280	1283	rBV3	1864607	2805840	68.12%	4.714%
89	9.769	1302	1306	1309	rBV3	1423050	2079901	50.49%	3.495%
90	9.886	1324	1326	1332	rVB5	954839	1102265	26.76%	1.852%
91	9.933	1332	1334	1339	rBV4	645418	1046335	25.40%	1.758%
92	10.227	1380	1384	1388	rBV2	1407575	2290269	55.60%	3.848%
93	10.316	1396	1399	1401	rBV2	731259	905835	21.99%	1.522%
94	10.827	1482	1486	1492	rVB2	1699997	2452659	59.54%	4.121%

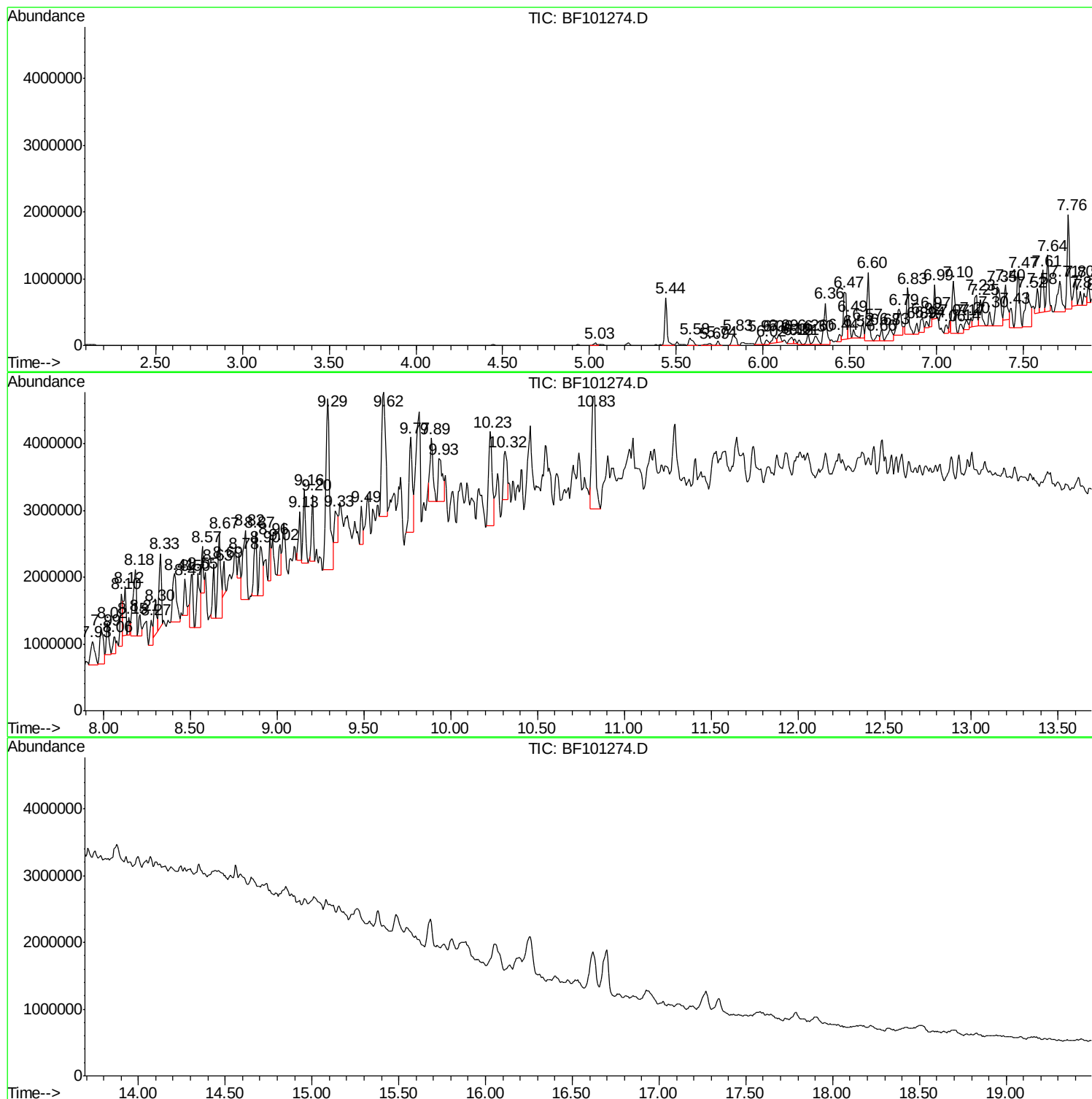
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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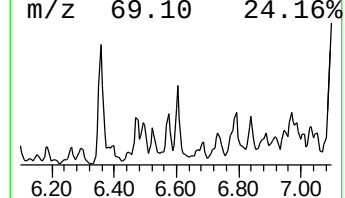
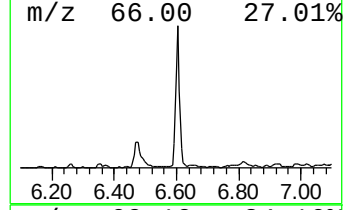
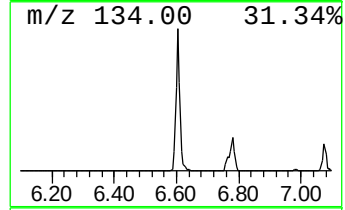
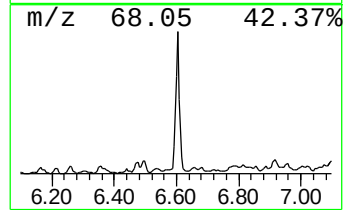
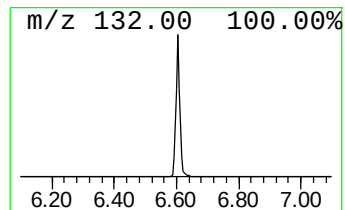
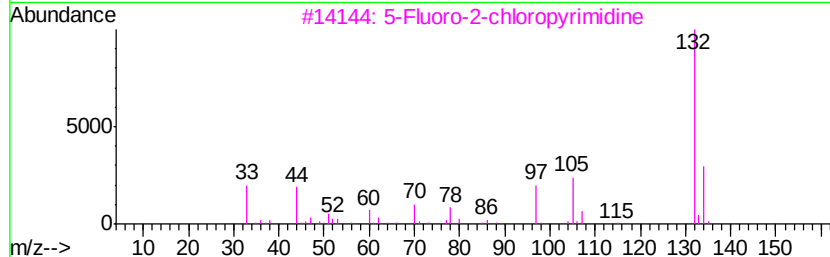
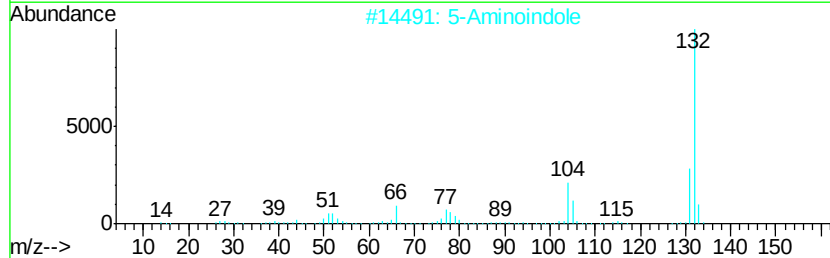
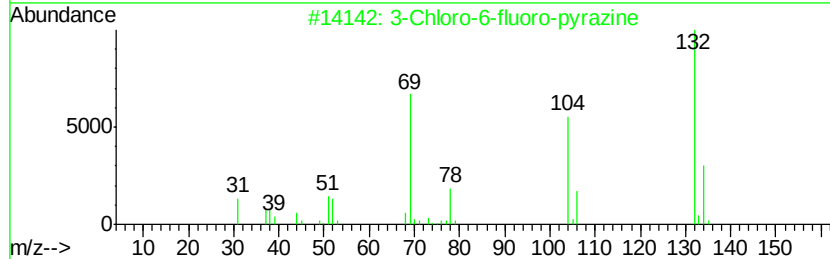
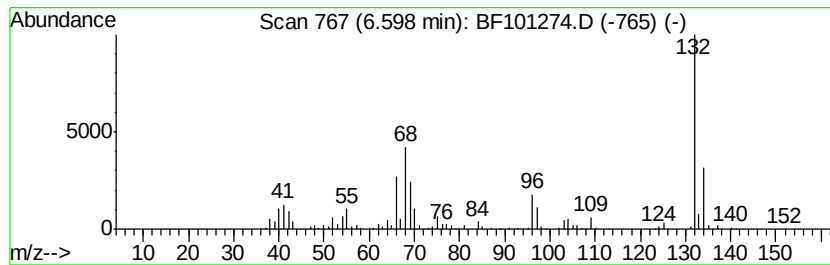
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	26.17 ng	991564	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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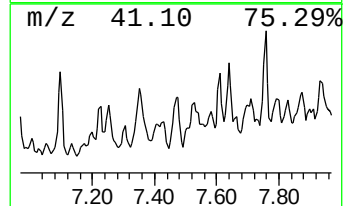
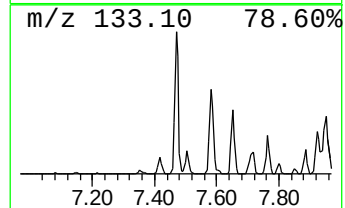
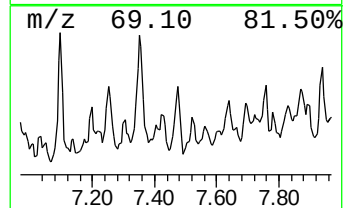
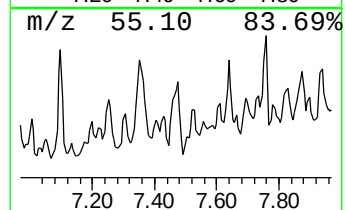
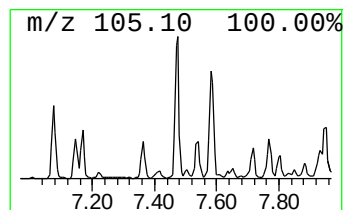
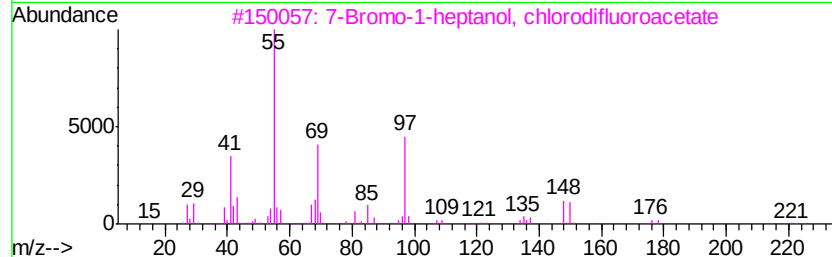
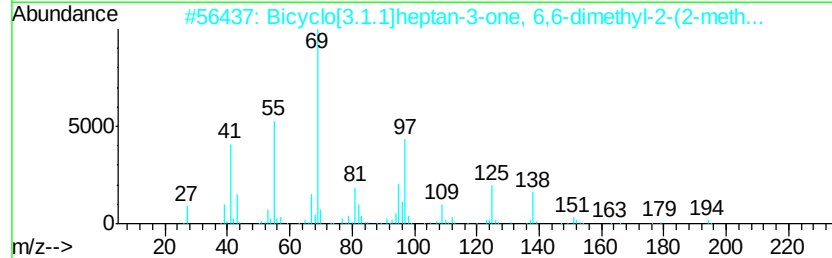
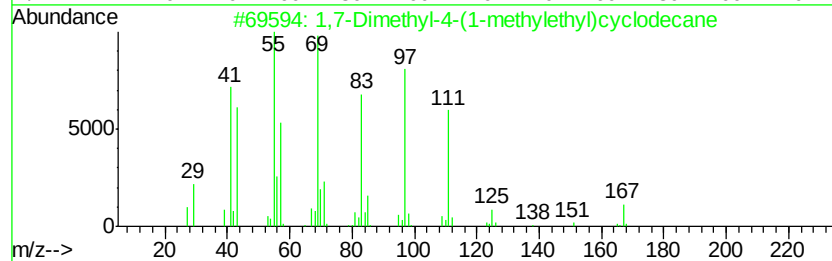
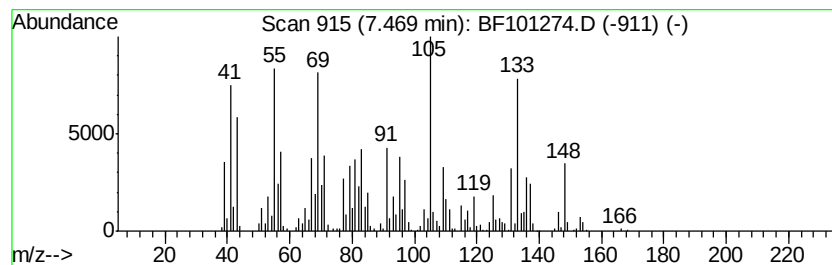
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	28.80 ng	1091130	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
2		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	35
3		7-Bromo-1-heptanol, chlorodifluo...	306	C9H14BrClF2O2	1000376-26-3	27
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	25
5		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	25



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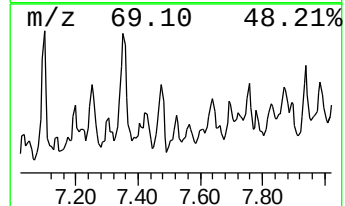
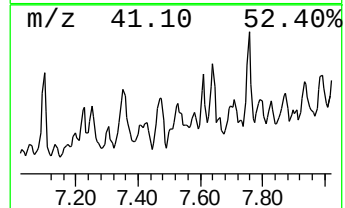
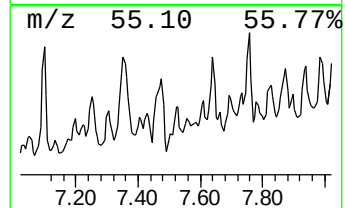
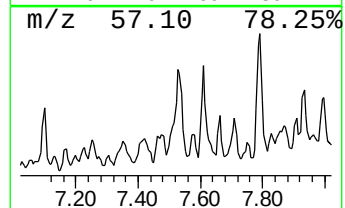
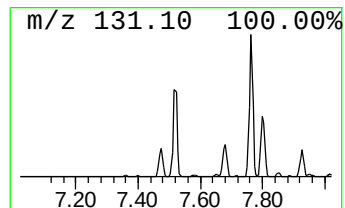
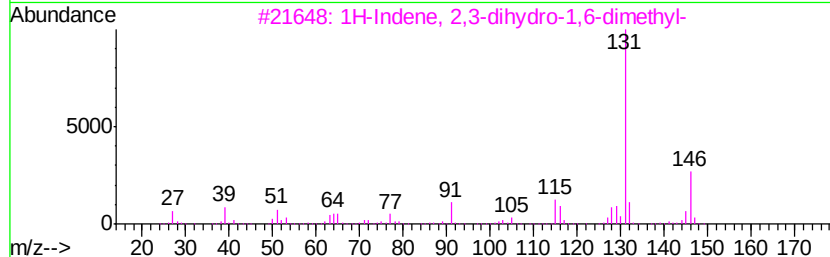
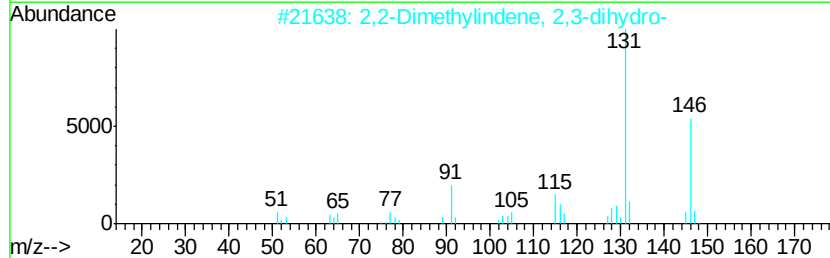
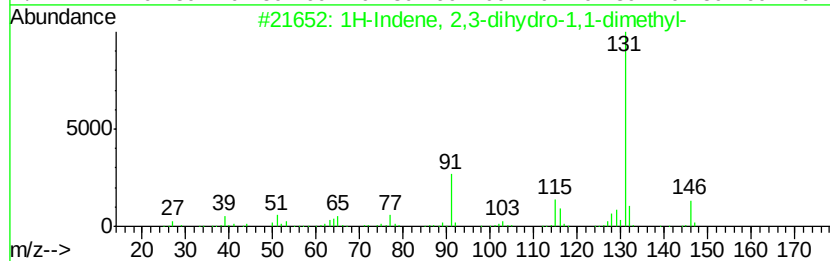
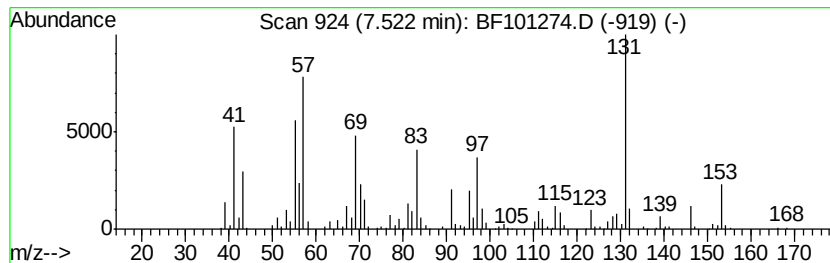
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Peak Number 3 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	36.22 ng	1089830	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	80
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	42
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	38
4		Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	30
5		Naphthalene, 1-ethyl-1,2,3,4-tet...	160	C12H16	013556-58-6	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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Operator : SJ/JU
Sample : I6744-04
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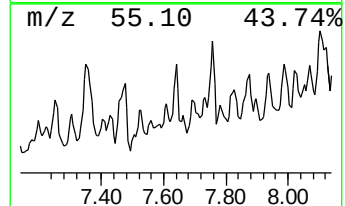
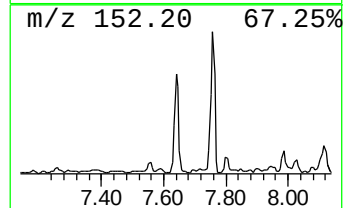
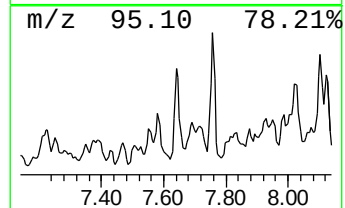
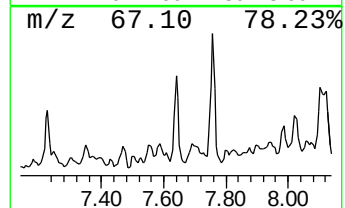
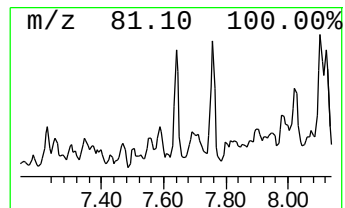
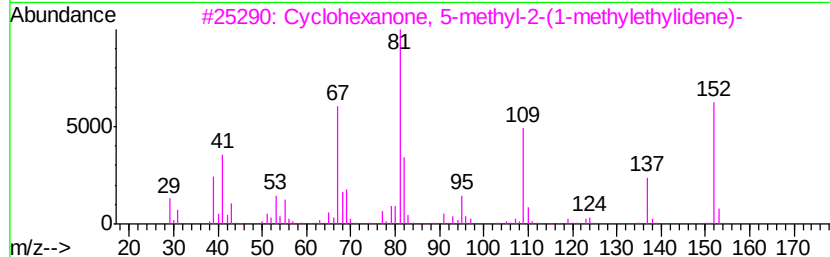
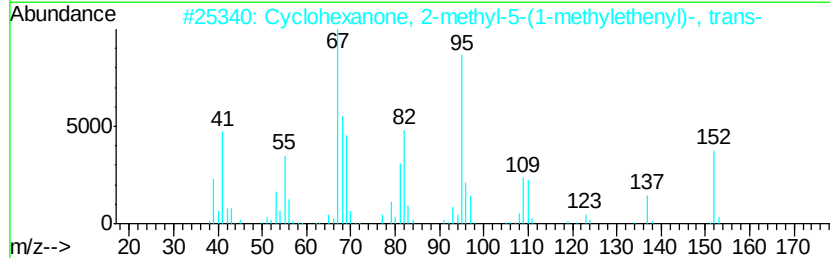
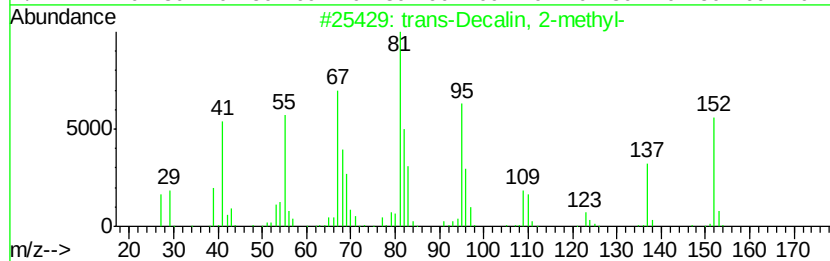
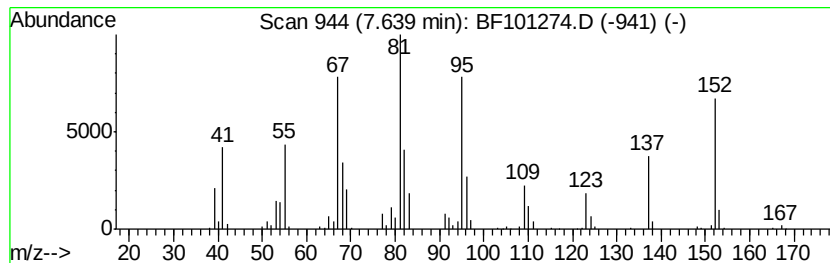
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ClientSampleId :
PROS-3-E(11-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	26.63 ng	801233	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	76
2	Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9	70
3	Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6	58
4	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	58
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
Acq On : 9 Dec 2017 10:12
Operator : SJ/JU
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Instrument :
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ClientSampleId :
PROS-3-E(11-12)

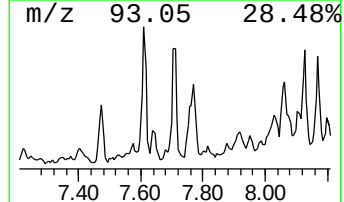
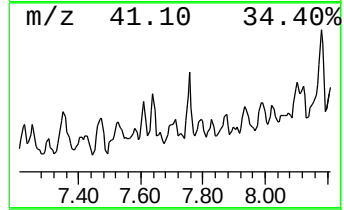
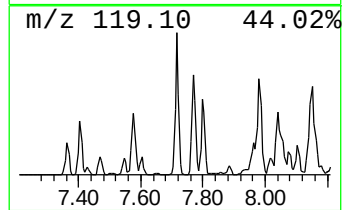
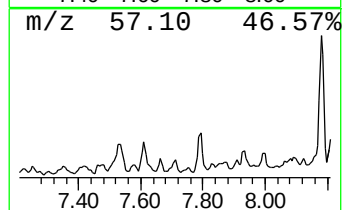
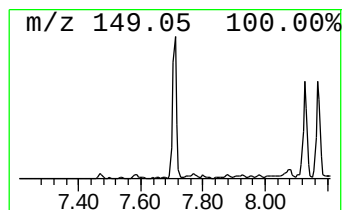
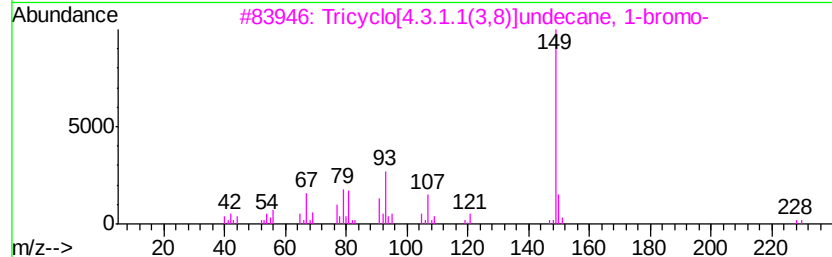
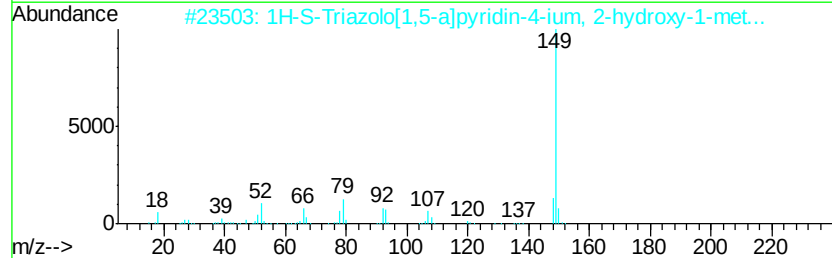
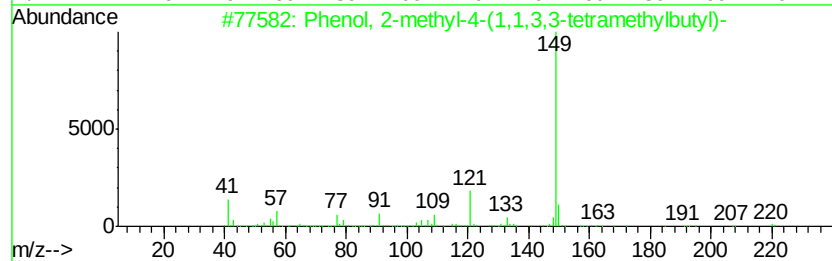
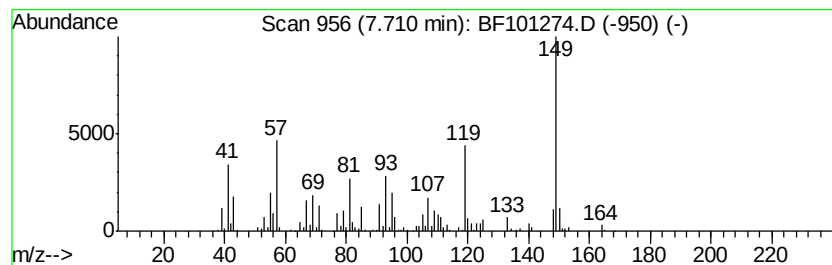
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	27.88 ng	838805	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
2		1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	38
3		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	37
4		1,4-Dimethyladamantane	164	C12H20	024145-88-8	37
5		Pyridinium, 1-(acetyl-amino)-2,6-...	164	C9H12N2O	031020-35-6	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
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Operator : SJ/JU
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Instrument :
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ClientSampleId :
PROS-3-E(11-12)

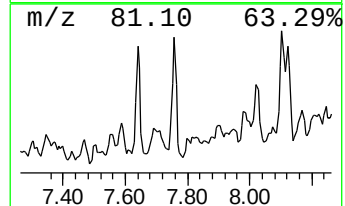
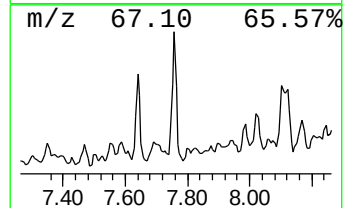
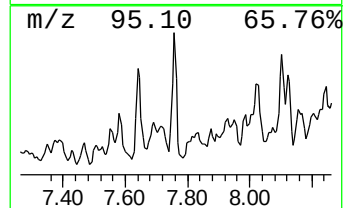
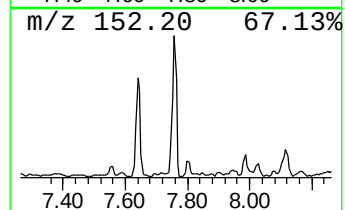
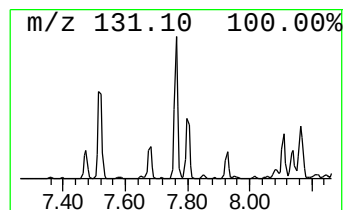
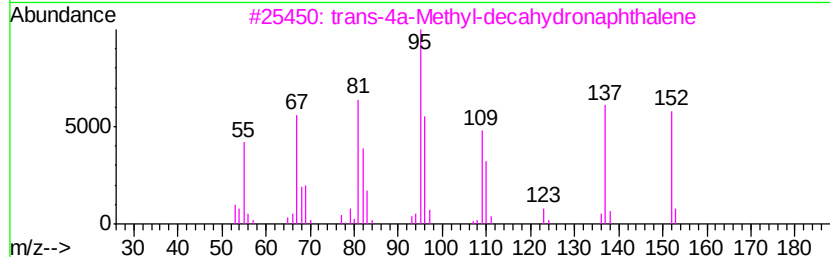
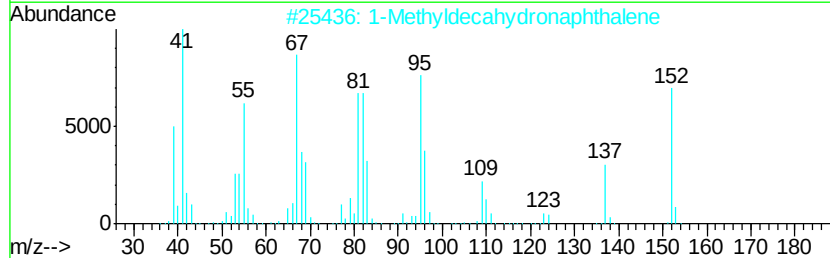
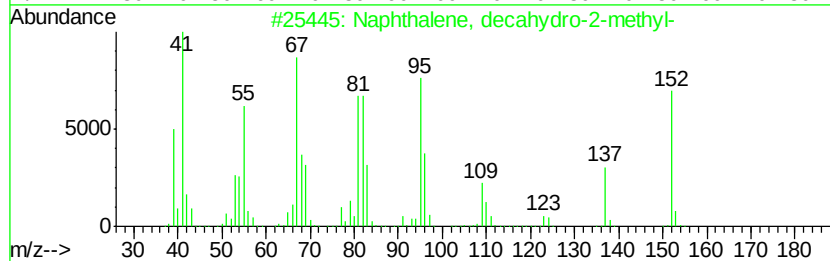
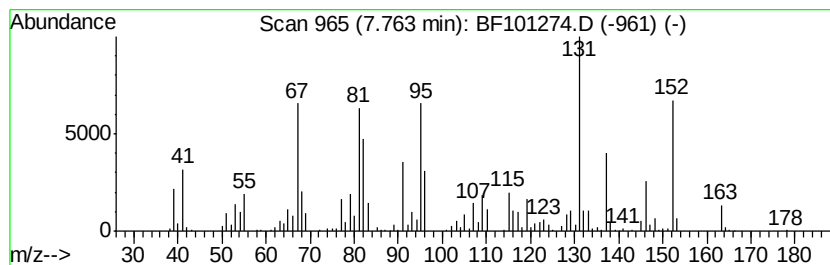
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	50.61 ng	1523080	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	93
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	76
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
Acq On : 9 Dec 2017 10:12
Operator : SJ/JU
Sample : I6744-04
Misc :
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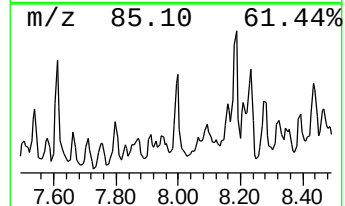
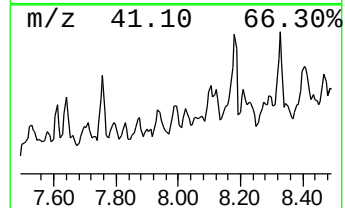
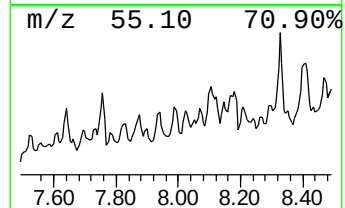
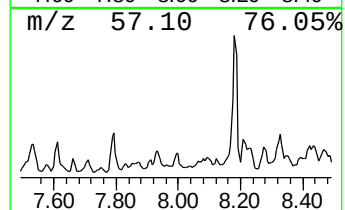
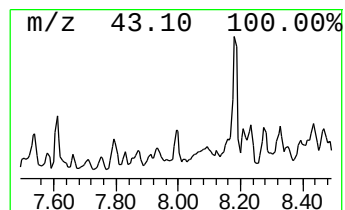
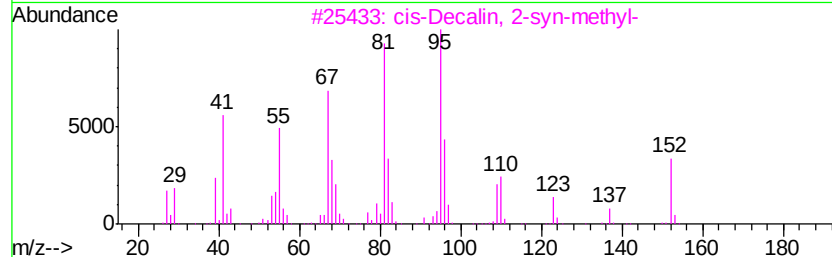
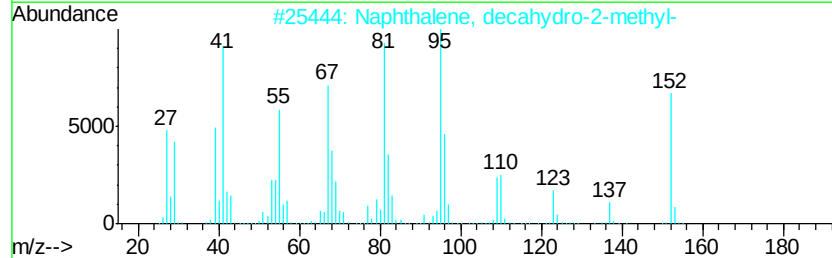
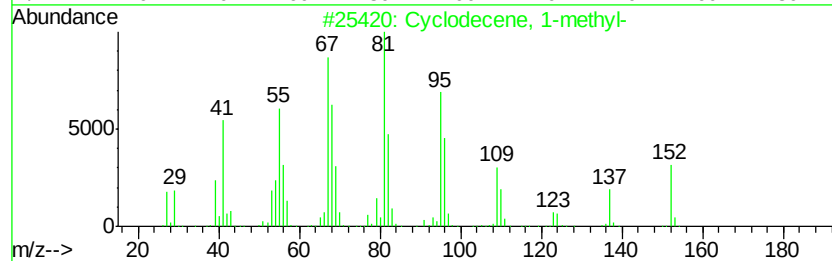
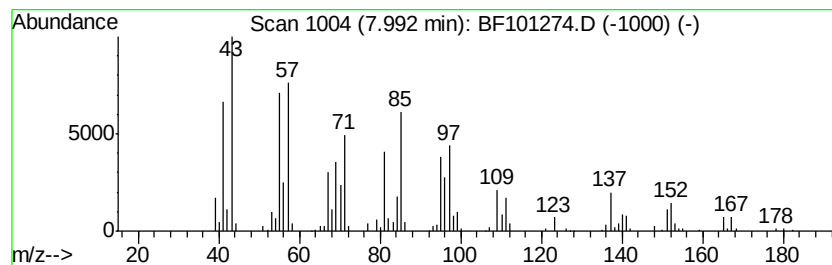
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclodecene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	22.75 ng	684449	Naphthalene-d8	8.12
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclodecene, 1-methyl-	152 C11H20	066633-38-3 70
2		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 50
3		cis-Decalin, 2-syn-methyl-	152 C11H20	1000155-85-6 50
4		Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	005948-04-9 45
5		Cyclohexanone, 2-methyl-5-(1-met...	152 C10H16O	007764-50-3 43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
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ClientSampleId :
PROS-3-E(11-12)

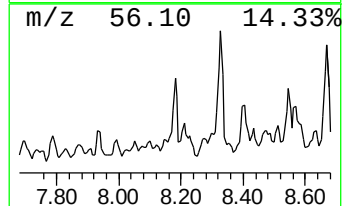
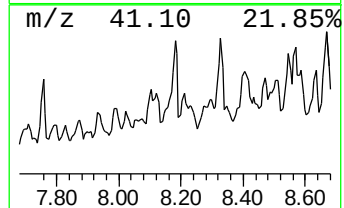
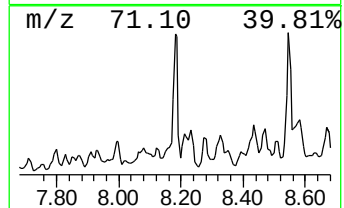
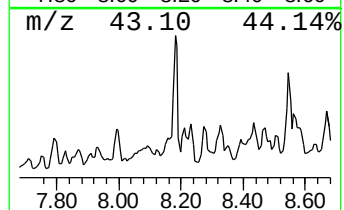
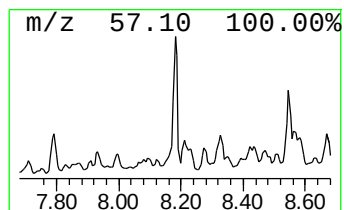
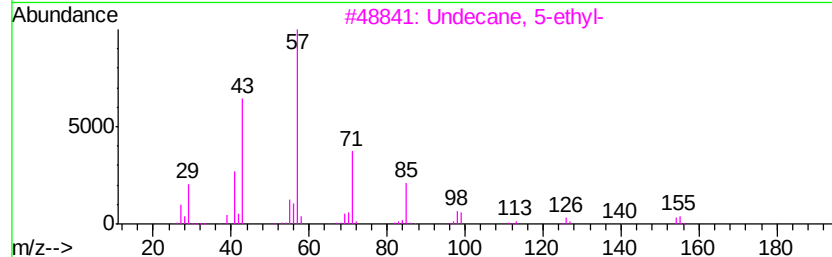
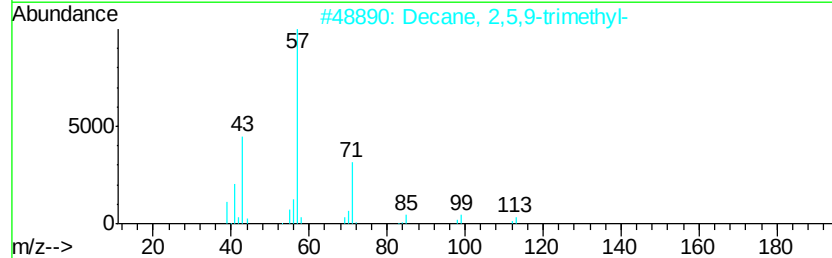
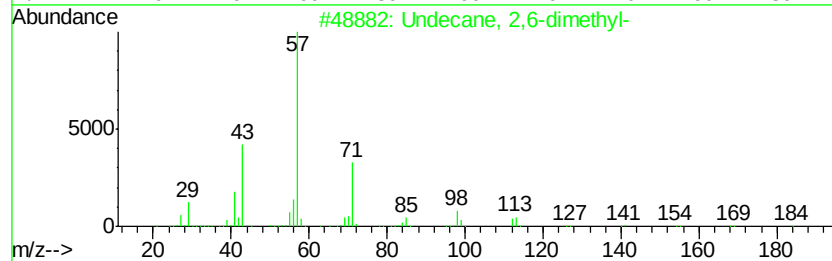
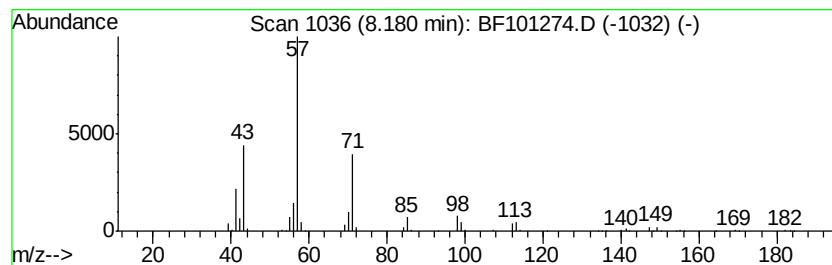
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	38.67 ng	1163720	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
4		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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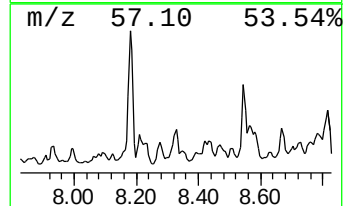
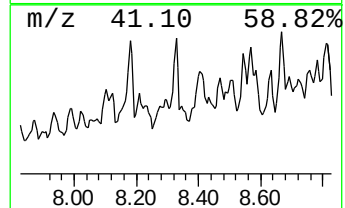
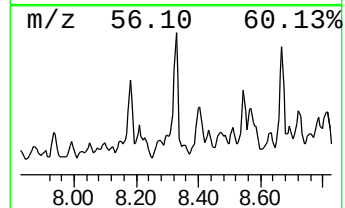
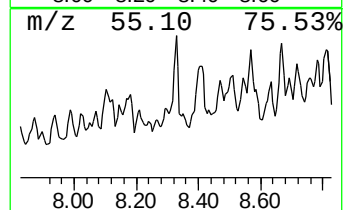
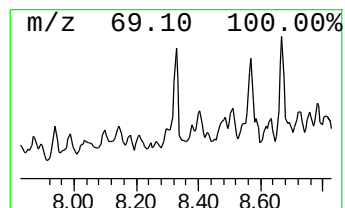
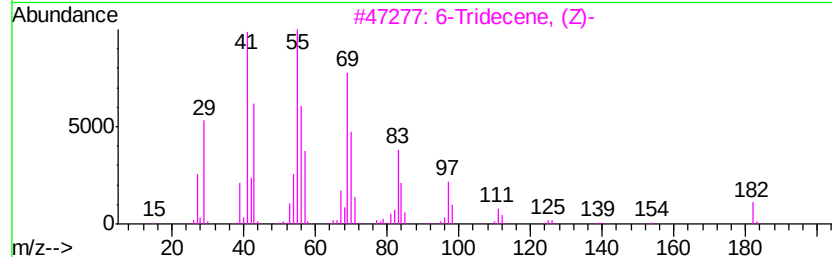
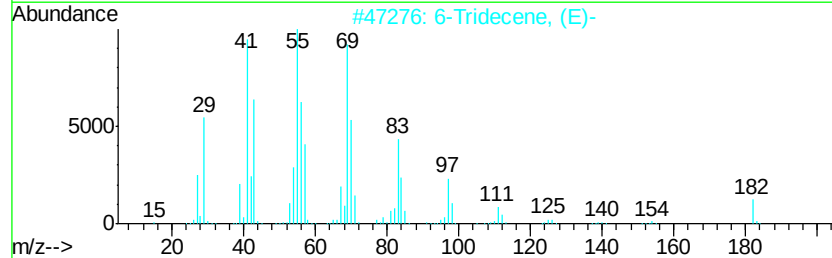
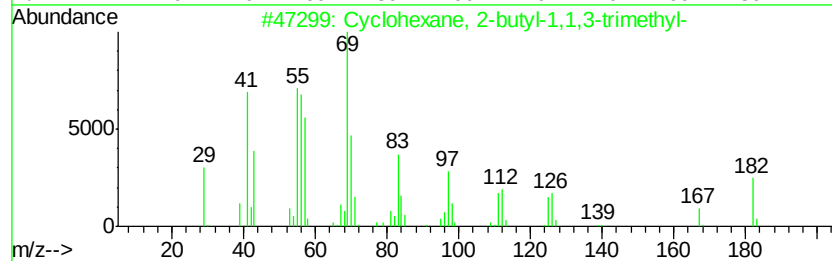
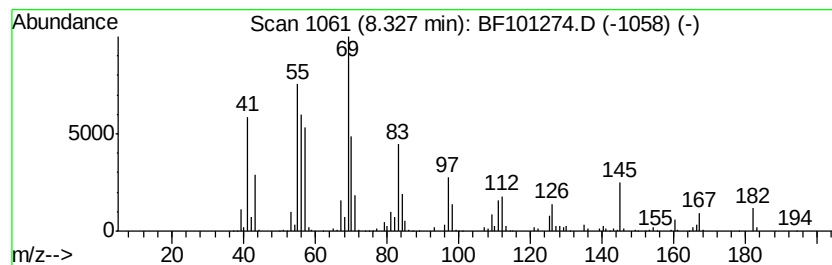
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.33	38.52 ng	1159270	Napthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	90
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	87
4	3-Dodecene, (E)-	168	C12H24	007206-14-6	76
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
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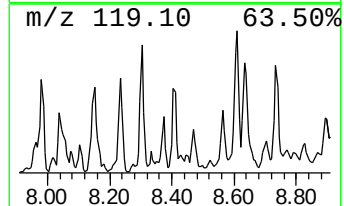
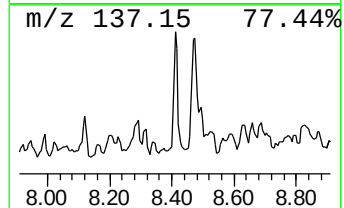
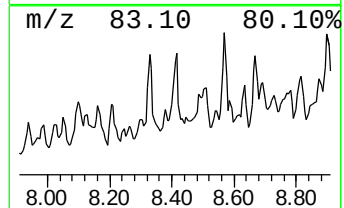
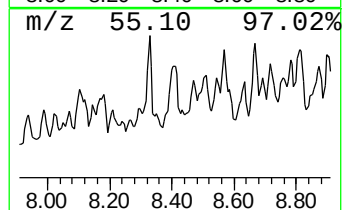
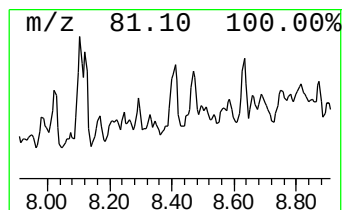
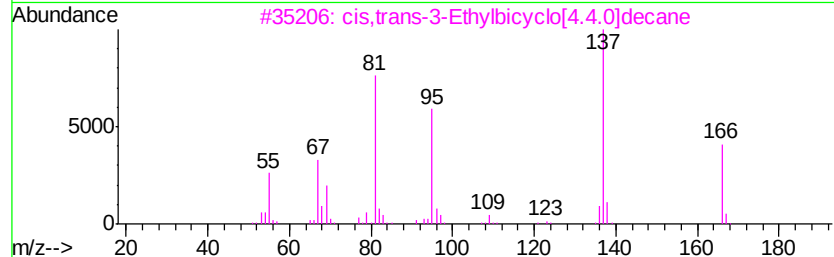
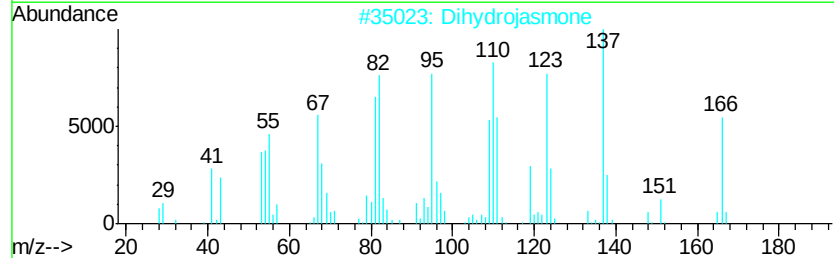
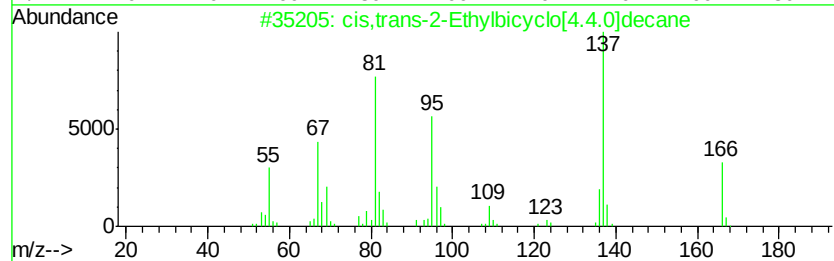
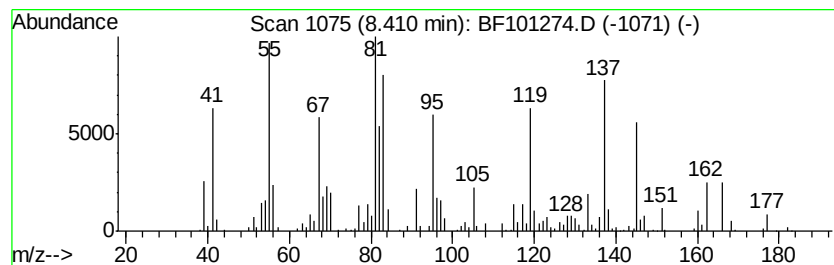
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 cis,trans-2-Ethylbicyclo[4.4.0]deca- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	39.92 ng	1201310	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2-Ethylbicyclo[4.4.0]deca...	166	C12H22	066660-38-6	55
2		Dihydrojasmane	166	C11H18O	001128-08-1	50
3		cis,trans-3-Ethylbicyclo[4.4.0]deca...	166	C12H22	066660-41-1	49
4		cis, cis-3-Ethylbicyclo[4.4.0]deca...	166	C12H22	066660-42-2	49
5		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
Acq On : 9 Dec 2017 10:12
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Sample : I6744-04
Misc :
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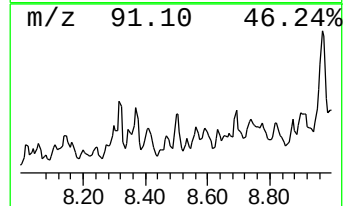
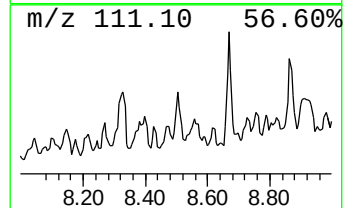
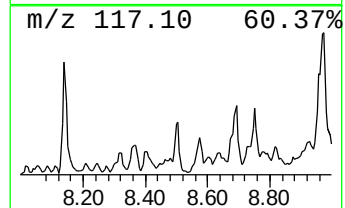
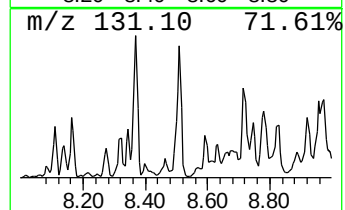
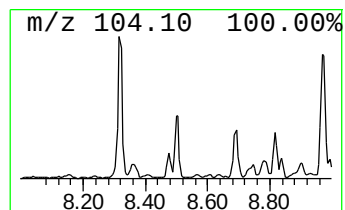
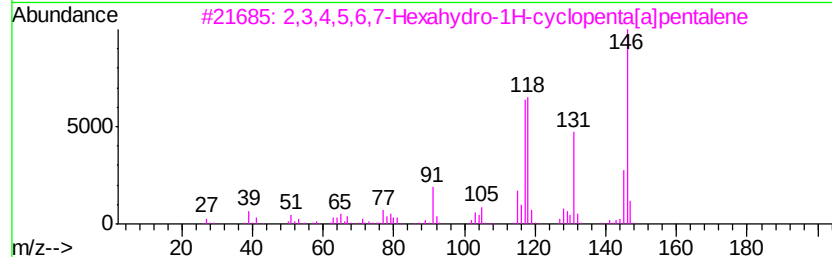
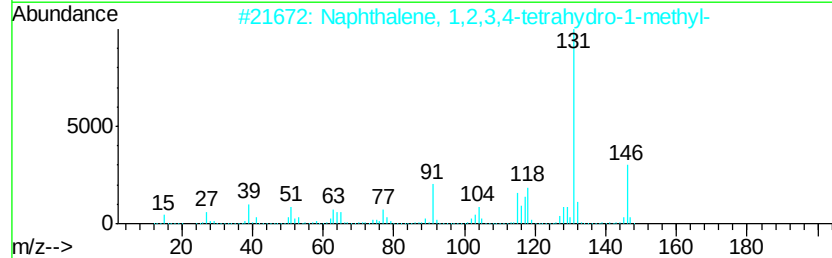
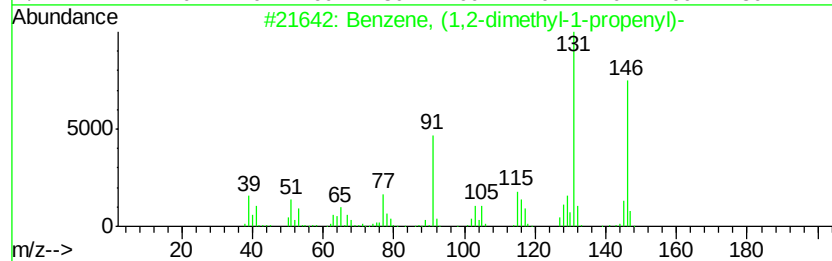
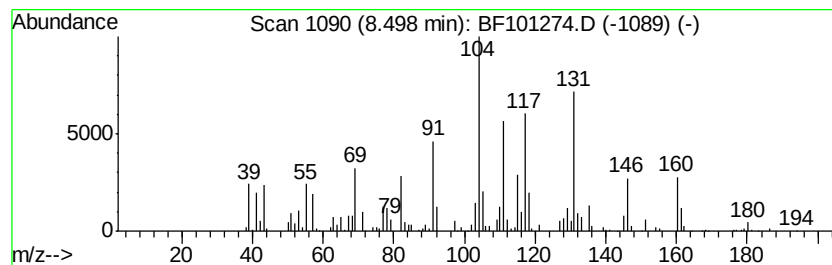
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	29.42 ng	885212	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	46
4		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	42
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	42



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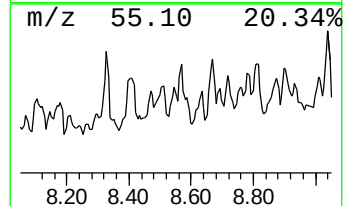
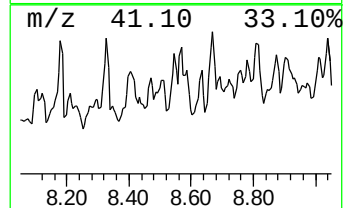
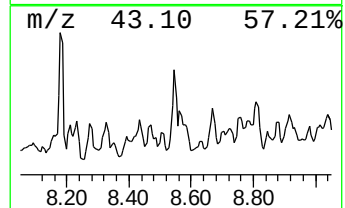
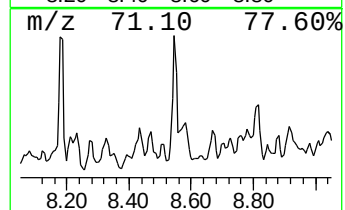
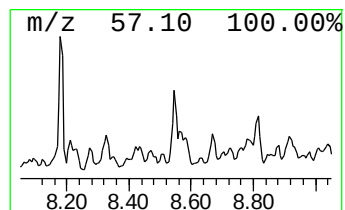
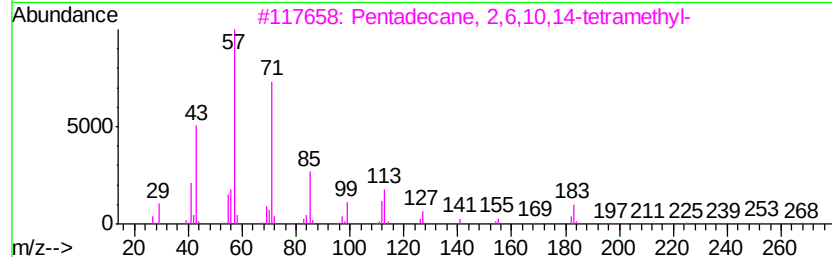
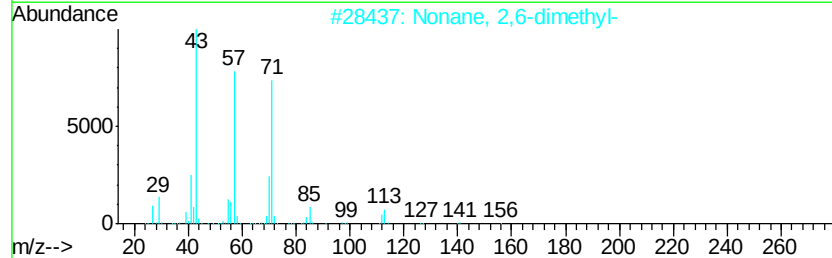
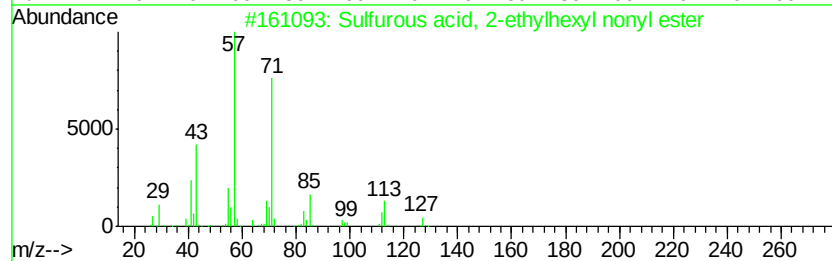
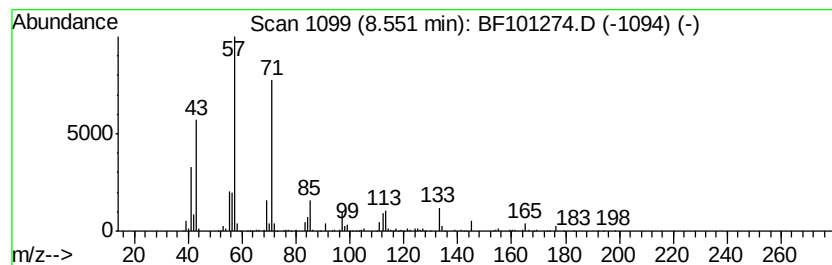
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Sulfurous acid, 2-ethylhexy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	30.80 ng	926905	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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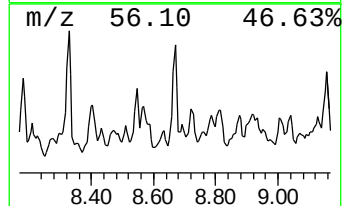
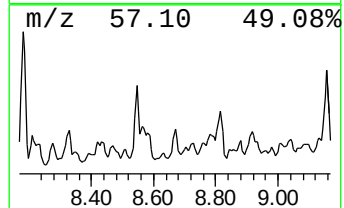
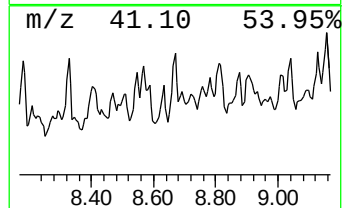
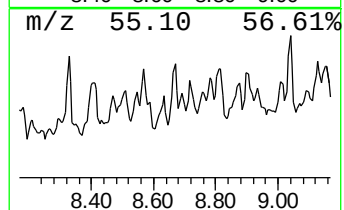
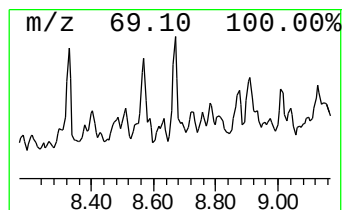
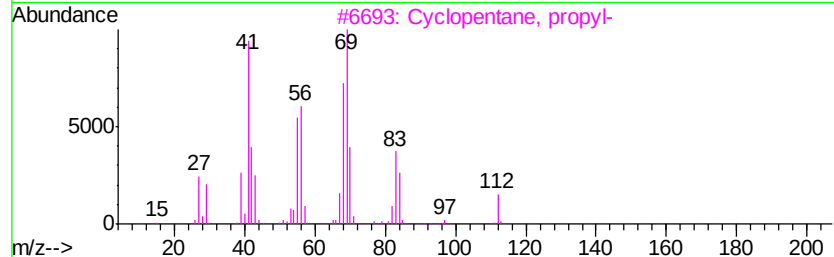
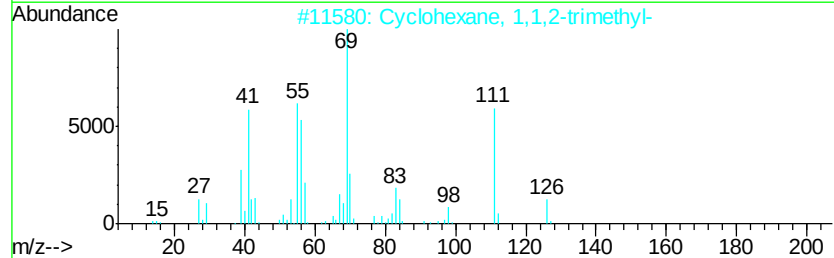
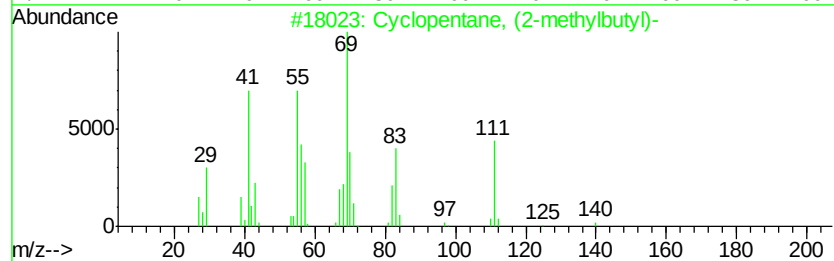
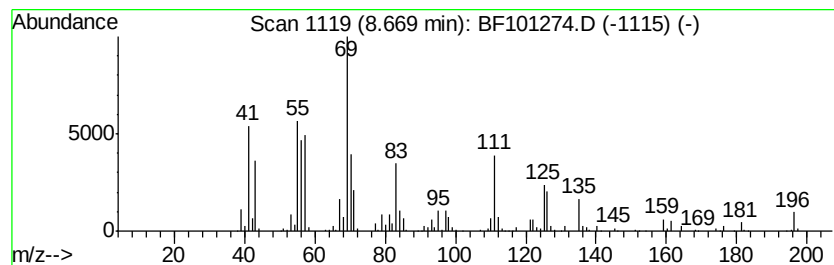
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopentane, (2-methylbutyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	49.75 ng	1497200	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	70
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
3		Cyclopentane, propyl-	112	C8H16	002040-96-2	46
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5		2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	43



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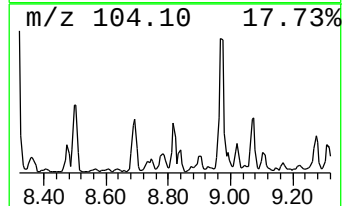
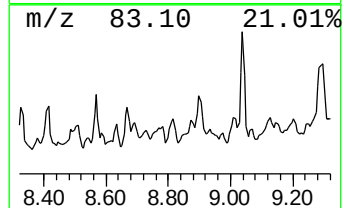
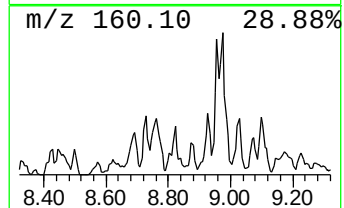
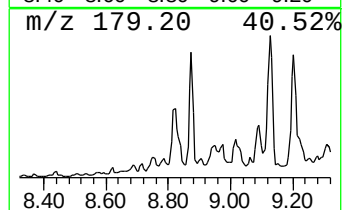
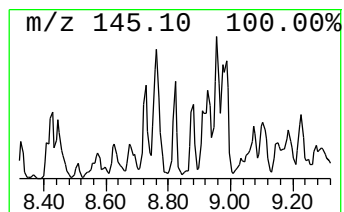
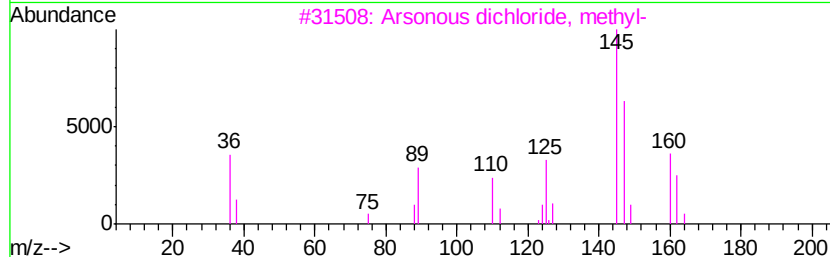
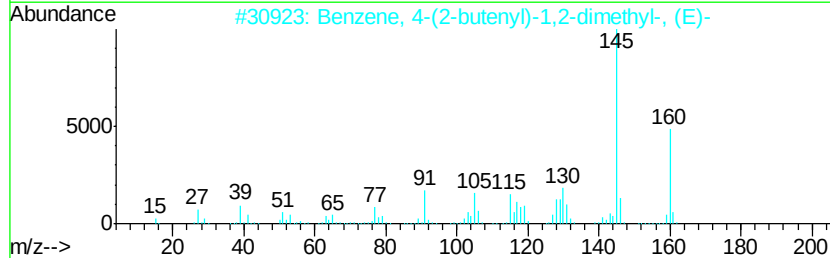
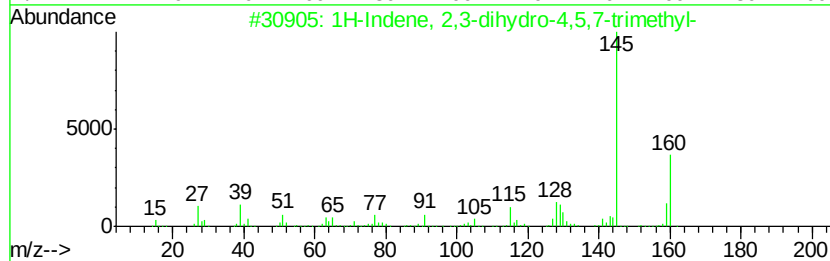
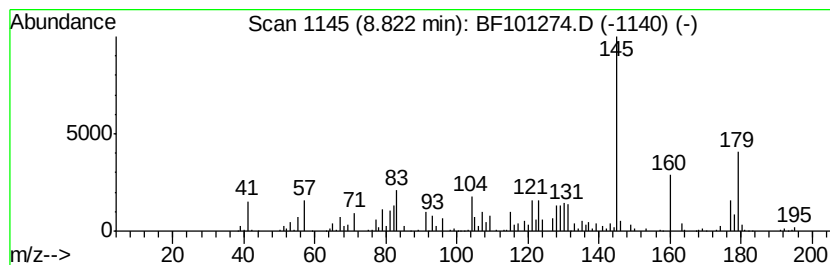
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.82 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	46.73 ng	1406150	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	15
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	11
3		Arsonous dichloride, methyl-	160	CH3AsCl2	000593-89-5	10
4		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	10
5		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	10



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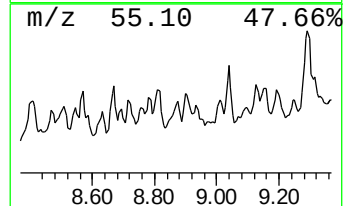
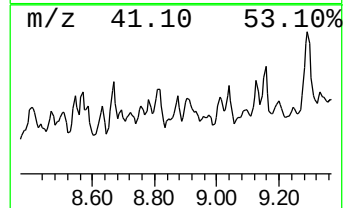
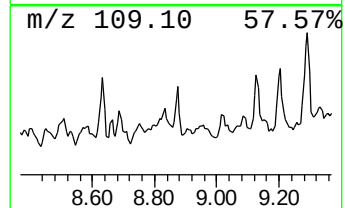
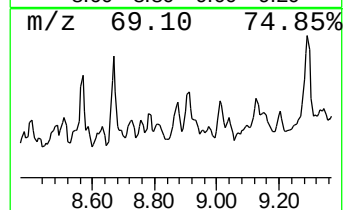
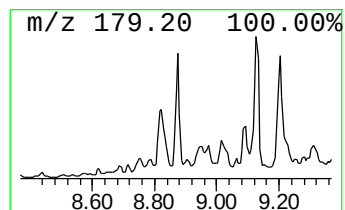
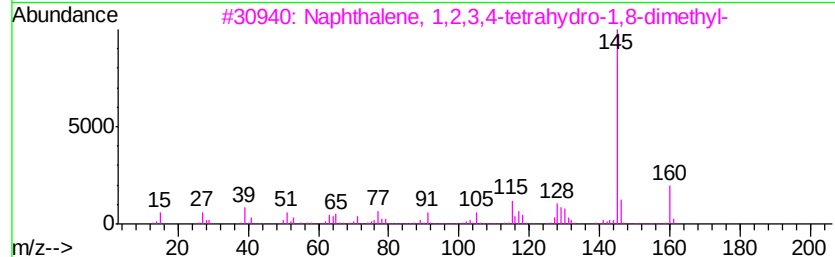
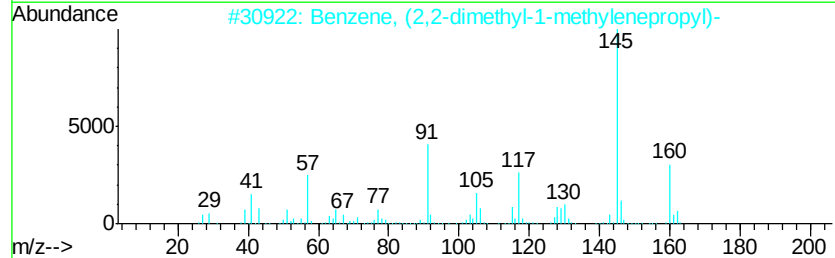
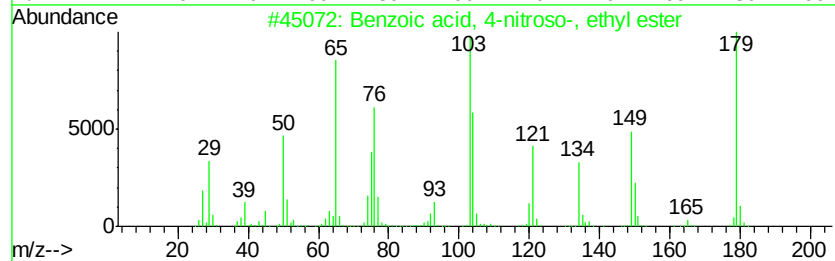
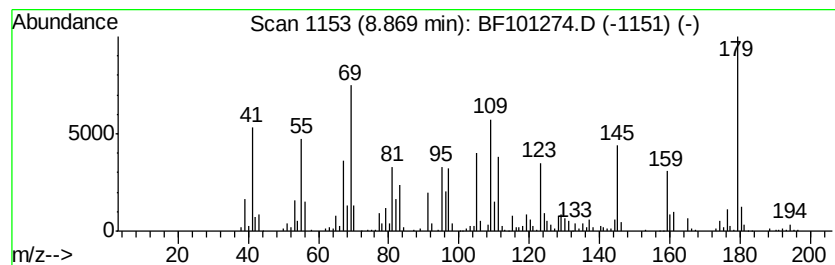
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzoic acid, 4-nitroso-, e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	26.72 ng	804067	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 4-nitroso-, ethyl ...	179	C9H9NO3	007476-79-1	56
2		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	25
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	25
4		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	25
5		1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	25



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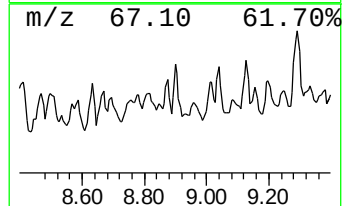
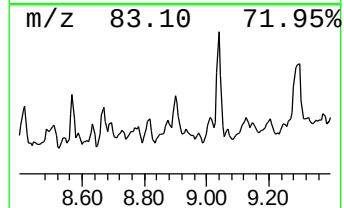
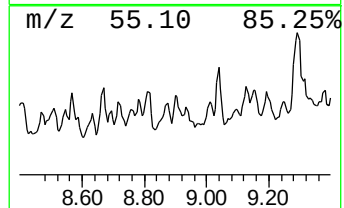
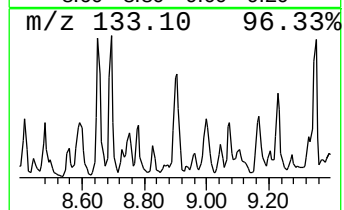
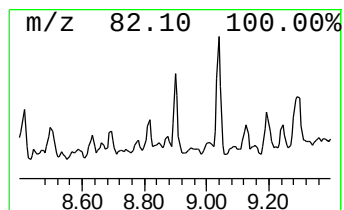
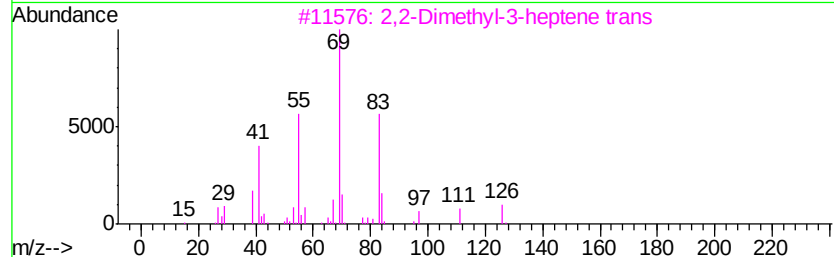
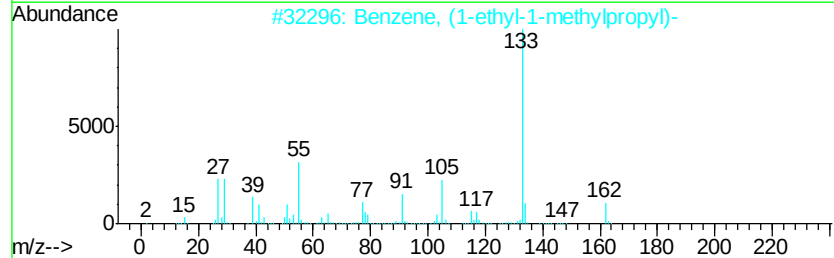
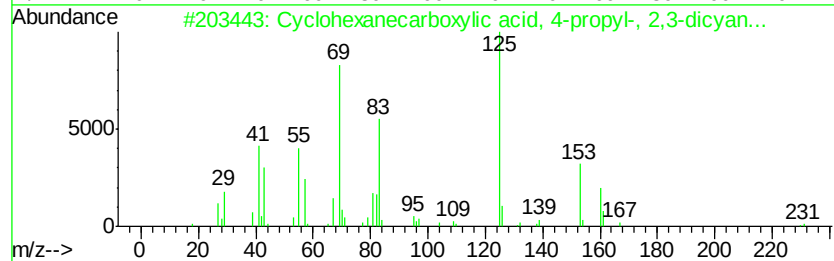
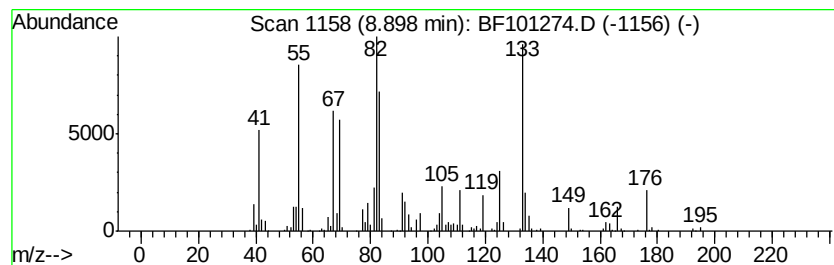
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown8.90 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	36.84 ng	1108460	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 4-propyl-, 2,3-dicyano-	382	C23H30N2O3	075941-50-3	38
2		Benzene, (1-ethyl-1-methylpropyl)-	162	C12H18	001985-97-3	25
3		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	18
4		Vinylcyclohexyl ether	126	C8H14O	002182-55-0	18
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	15



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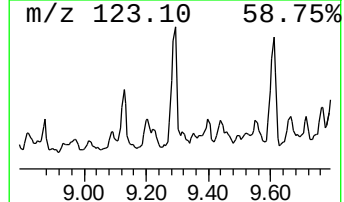
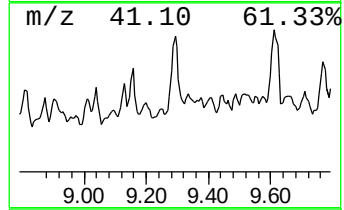
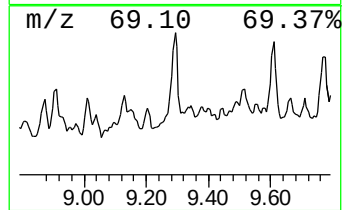
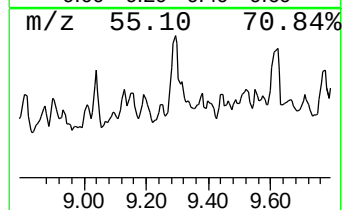
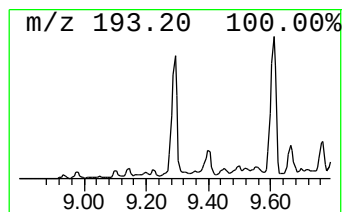
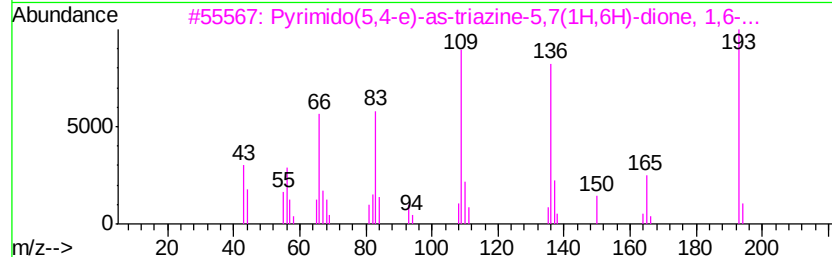
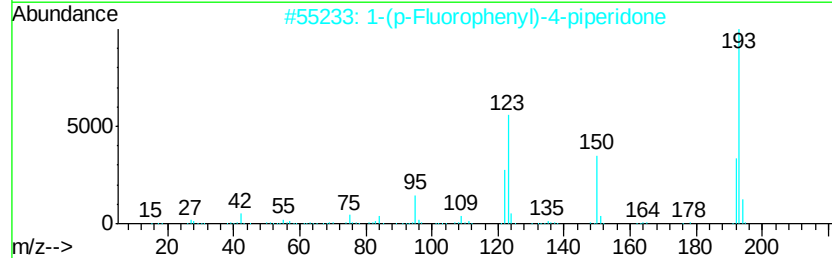
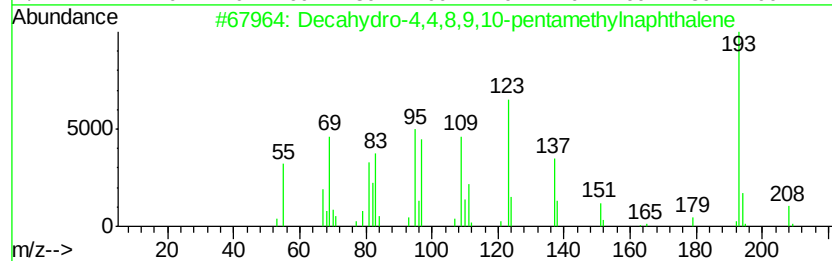
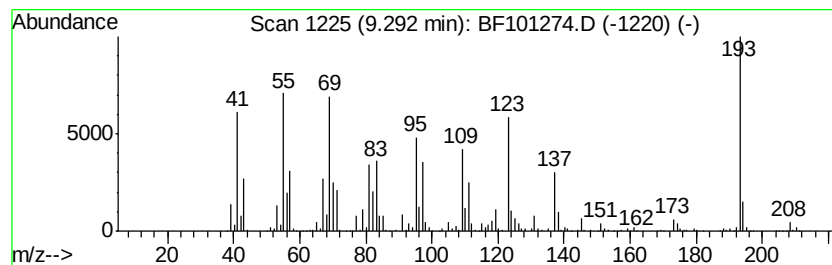
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decahydro-4,4,8,9,10-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	74.74 ng	4119150	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	91
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3		Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	27
4		2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	27
5		2-Amino-4-benzylthiomethyl-6-pip...	315	C16H21N5S	022362-19-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101274.D
Acq On : 9 Dec 2017 10:12
Operator : SJ/JU
Sample : I6744-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(11-12)

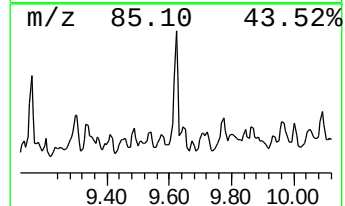
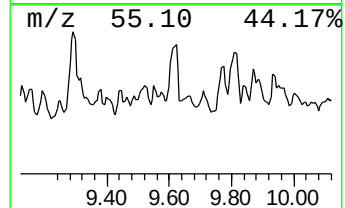
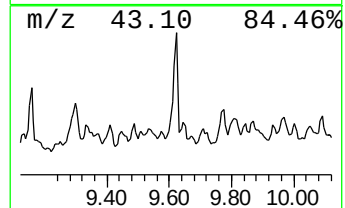
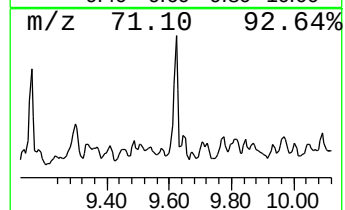
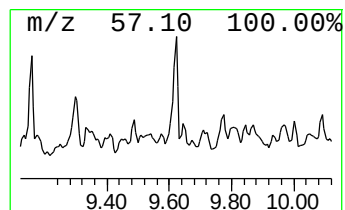
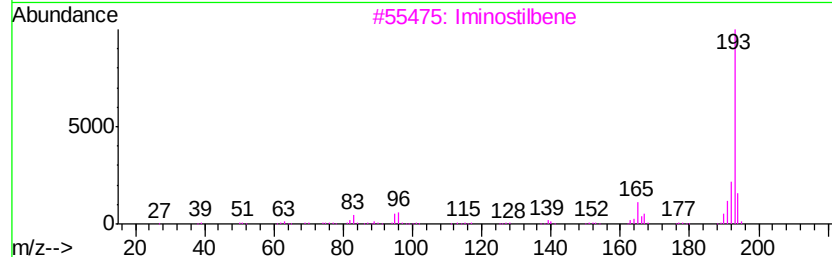
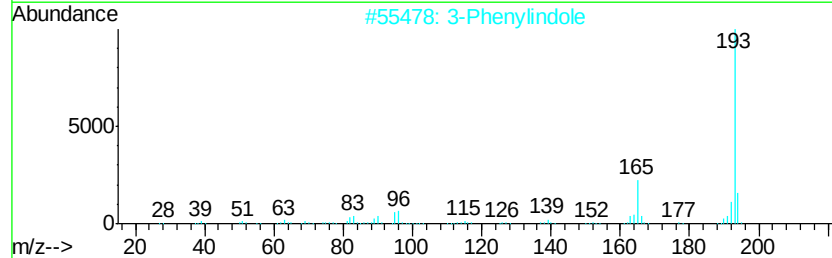
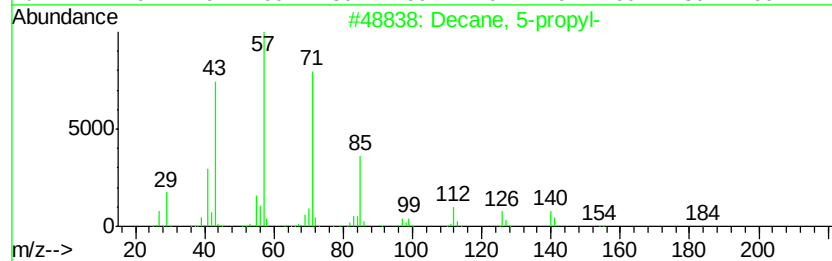
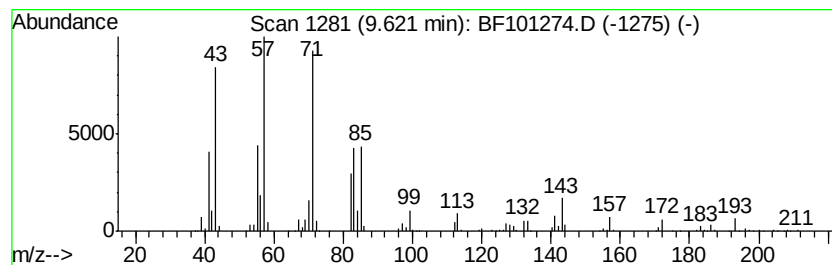
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	50.91 ng	2805840	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	25
2		3-Phenylindole	193	C14H11N	001504-16-1	22
3		Iminostilbene	193	C14H11N	000256-96-2	22
4		9-Phenanthrenamine	193	C14H11N	000947-73-9	22
5		2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101274.D
Acq On : 9 Dec 2017 10:12
Operator : SJ/JU
Sample : I6744-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(11-12)

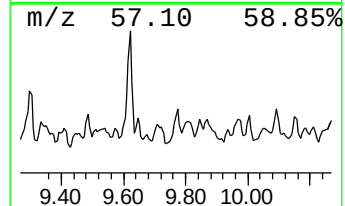
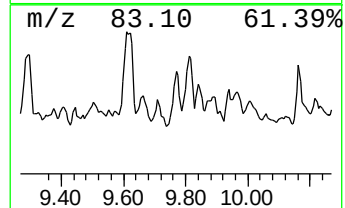
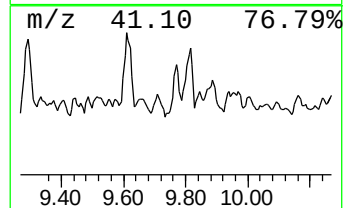
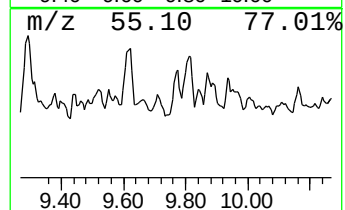
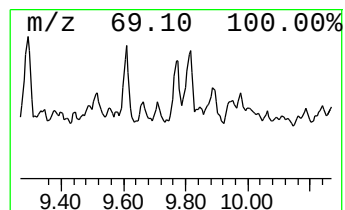
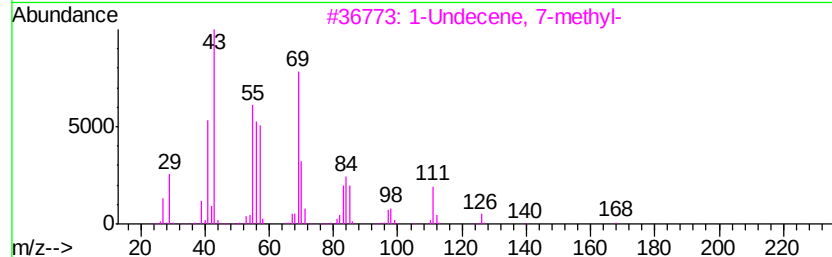
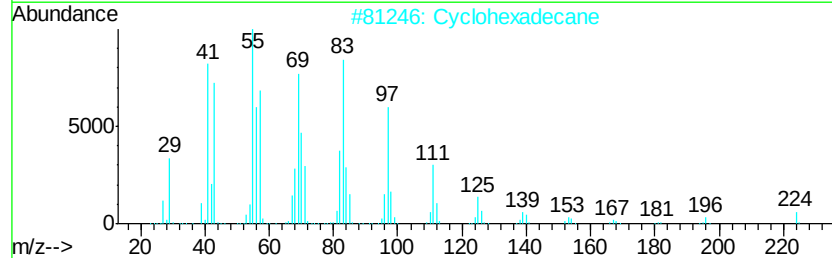
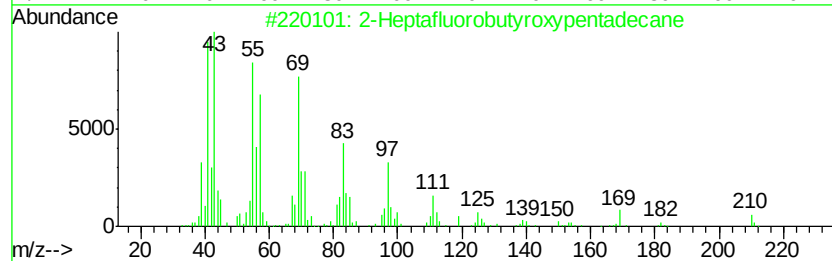
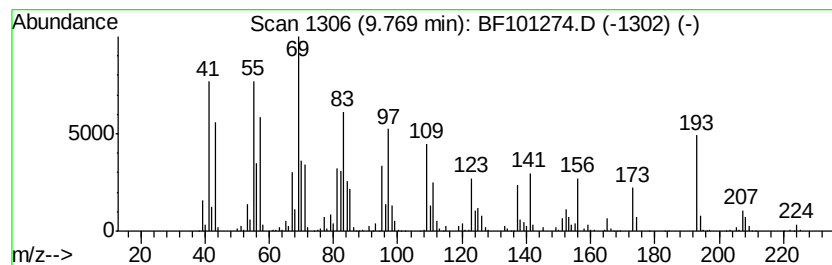
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	37.74 ng	2079900	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptafluorobutyl	oxypentadecane	424	C19H31F7O2	1000245-50-0	42	
2	Cyclohexadecane		224	C16H32	000295-65-8	40	
3	1-Undecene, 7-methyl-		168	C12H24	074630-42-5	35	
4	4-n-Hexylthiane, S,S-dioxide		218	C11H22O2S	070928-52-8	30	
5	1,7-Nonadiene, 4,8-dimethyl-		152	C11H20	062108-28-5	30	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
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Acq On : 9 Dec 2017 10:12
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Sample : I6744-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROS-3-E(11-12)

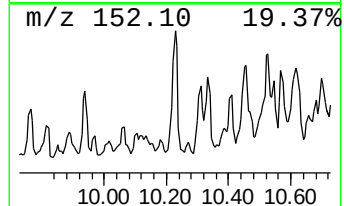
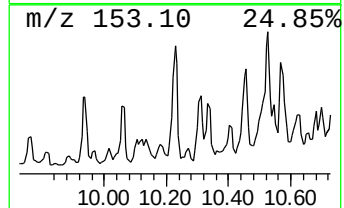
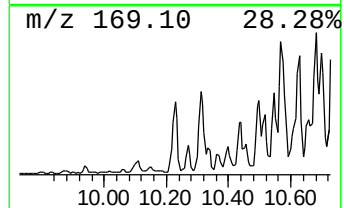
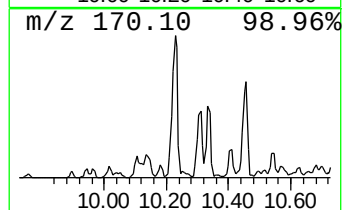
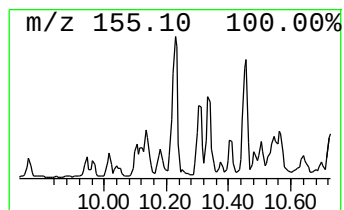
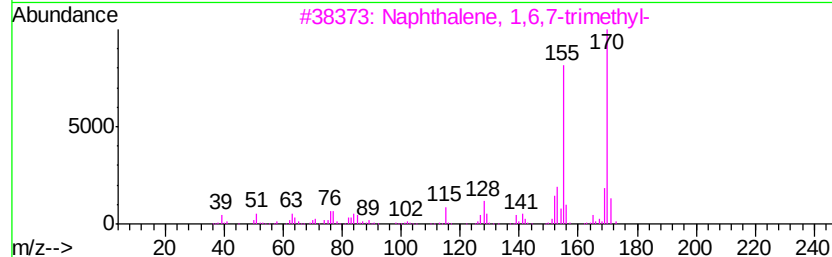
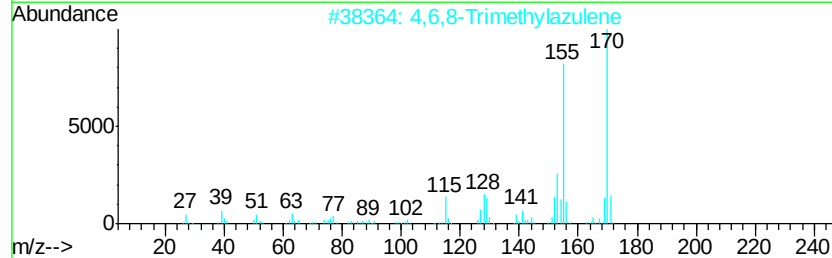
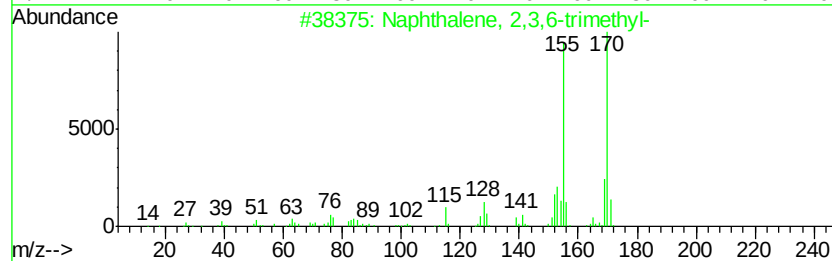
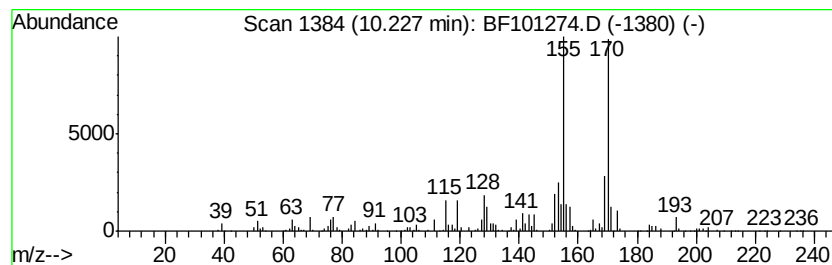
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	41.56 ng	2290270	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
 Data File : BF101274.D
 Acq On : 9 Dec 2017 10:12
 Operator : SJ/JU
 Sample : I6744-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROS-3-E(11-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.60	6.60	26.2	ng	991564	1	6.83	757788	20.0
unknown7.47	7.47	28.8	ng	1091130	1	6.83	757788	20.0
1H-Indene, 2,3-di...	7.52	36.2	ng	1089830	2	8.12	601832	20.0
trans-Decalin, 2-...	7.64	26.6	ng	801233	2	8.12	601832	20.0
unknown7.71	7.71	27.9	ng	838805	2	8.12	601832	20.0
Naphthalene, deca...	7.76	50.6	ng	1523080	2	8.12	601832	20.0
Cyclodecene, 1-me...	7.99	22.8	ng	684449	2	8.12	601832	20.0
Undecane, 2,6-dim...	8.18	38.7	ng	1163720	2	8.12	601832	20.0
Cyclohexane, 2-bu...	8.33	38.5	ng	1159270	2	8.12	601832	20.0
cis,trans-2-Ethyl...	8.41	39.9	ng	1201310	2	8.12	601832	20.0
Benzene, (1,2-dim...	8.50	29.4	ng	885212	2	8.12	601832	20.0
Sulfurous acid, 2...	8.55	30.8	ng	926905	2	8.12	601832	20.0
Cyclopentane, (2-...	8.67	49.8	ng	1497200	2	8.12	601832	20.0
unknown8.82	8.82	46.7	ng	1406150	2	8.12	601832	20.0
Benzoic acid, 4-n...	8.87	26.7	ng	804067	2	8.12	601832	20.0
unknown8.90	8.90	36.8	ng	1108460	2	8.12	601832	20.0
Decahydro-4,4,8,9...	9.29	74.7	ng	4119150	3	9.90	1102270	20.0
unknown9.62	9.62	50.9	ng	2805840	3	9.90	1102270	20.0
unknown9.77	9.77	37.7	ng	2079900	3	9.90	1102270	20.0
Naphthalene, 2,3,...	10.23	41.6	ng	2290270	3	9.90	1102270	20.0