

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102419.D
 Acq On : 25 Jan 2018 12:04
 Operator : SJ/JU
 Sample : J1256-07 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

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-BF012218.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	4.893	473	477	482	rBV2	46465	61940	2.15%	0.175%
2	5.275	537	542	545	rBV2	53009	66942	2.32%	0.189%
3	5.316	545	549	558	rVB	1307945	1248974	43.26%	3.528%
4	5.857	637	641	645	rVB3	59201	70605	2.45%	0.199%
5	5.951	654	657	659	rBV2	151564	139731	4.84%	0.395%
6	6.004	663	666	669	rVV	201147	168602	5.84%	0.476%
7	6.145	684	690	692	rBV	100387	123260	4.27%	0.348%
8	6.234	702	705	709	rBV2	248576	283504	9.82%	0.801%
9	6.310	714	718	722	rBV3	56388	111684	3.87%	0.316%
10	6.351	722	725	732	rVV	1248238	1315669	45.57%	3.717%
11	6.404	732	734	737	rVB	69383	60755	2.10%	0.172%
12	6.451	737	742	744	rBV3	107045	195517	6.77%	0.552%
13	6.481	744	747	751	rVV	1498919	1307150	45.28%	3.693%
14	6.545	754	758	760	rBV2	186060	201592	6.98%	0.570%
15	6.675	777	780	782	rBV2	64986	50680	1.76%	0.143%
16	6.716	782	787	793	rVB2	813279	1054143	36.51%	2.978%
17	6.769	793	796	798	rBV	133250	111112	3.85%	0.314%
18	6.804	798	802	803	rBV3	72900	94039	3.26%	0.266%
19	6.828	804	806	808	rVV	82610	68898	2.39%	0.195%
20	6.869	808	813	815	rVV	1193764	1139523	39.47%	3.219%
21	6.893	815	817	819	rVB	132569	103589	3.59%	0.293%
22	6.940	822	825	827	rVB	71686	56247	1.95%	0.159%
23	6.981	827	832	836	rVB3	195410	298862	10.35%	0.844%
24	7.034	836	841	842	rBV2	110990	136506	4.73%	0.386%
25	7.051	842	844	847	rVB2	74526	67497	2.34%	0.191%
26	7.104	850	853	856	rVV3	210869	205010	7.10%	0.579%
27	7.134	856	858	864	rVB5	74381	97114	3.36%	0.274%
28	7.234	871	875	876	rBV2	137144	125105	4.33%	0.353%
29	7.245	876	877	879	rVV	144865	112048	3.88%	0.317%
30	7.275	879	882	886	rVV2	802449	865048	29.96%	2.444%
31	7.310	886	888	891	rVB	246857	186557	6.46%	0.527%
32	7.357	891	896	899	rBV5	149222	204769	7.09%	0.578%
33	7.398	899	903	905	rBV2	67494	76844	2.66%	0.217%
34	7.422	905	907	911	rVB3	72778	68257	2.36%	0.193%

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35	7.492	916	919	920	rVV3	92557	96014	3.33%	0.271%
36	7.510	920	922	926	rVB2	195103	181541	6.29%	0.513%
37	7.628	934	942	945	rBV5	103702	213248	7.39%	0.602%
38	7.675	947	950	953	rVB3	52101	66622	2.31%	0.188%
39	7.734	958	960	964	rBV2	215838	191156	6.62%	0.540%
40	7.810	970	973	979	rVB5	68558	100915	3.50%	0.285%
41	7.869	979	983	986	rBV2	62011	83759	2.90%	0.237%
42	7.928	991	993	998	rBV5	33594	58680	2.03%	0.166%
43	7.998	998	1005	1006	rVV	889371	958605	33.20%	2.708%
44	8.016	1006	1008	1011	rVV	605773	496226	17.19%	1.402%
45	8.057	1012	1015	1017	rVB	158925	134736	4.67%	0.381%
46	8.198	1036	1039	1041	rVB2	83434	78101	2.71%	0.221%
47	8.287	1049	1054	1060	rBV4	70920	110367	3.82%	0.312%
48	8.339	1060	1063	1066	rBV3	48592	55052	1.91%	0.156%
49	8.375	1066	1069	1072	rVB3	64887	72345	2.51%	0.204%
50	8.416	1073	1076	1078	rBV	236635	185170	6.41%	0.523%
51	8.528	1093	1095	1098	rBV2	68670	67981	2.35%	0.192%
52	8.586	1102	1105	1108	rBV	147035	123921	4.29%	0.350%
53	8.645	1113	1115	1118	rBV2	46094	50716	1.76%	0.143%
54	8.710	1123	1126	1128	rBV	286950	240597	8.33%	0.680%
55	8.775	1133	1137	1140	rVV	206275	283666	9.83%	0.801%
56	8.804	1140	1142	1147	rVV	286847	276635	9.58%	0.781%
57	8.869	1150	1153	1155	rVV3	64981	59016	2.04%	0.167%
58	8.898	1156	1158	1163	rVB3	57581	83149	2.88%	0.235%
59	8.986	1170	1173	1175	rBV2	53131	51432	1.78%	0.145%
60	9.016	1175	1178	1181	rVB	292094	235839	8.17%	0.666%
61	9.069	1184	1187	1192	rVB	1343682	1094016	37.89%	3.091%
62	9.151	1197	1201	1203	rBV	196339	203705	7.06%	0.575%
63	9.263	1218	1220	1224	rBV	71674	79001	2.74%	0.223%
64	9.339	1229	1233	1235	rVV2	117278	143985	4.99%	0.407%
65	9.404	1241	1244	1247	rBV	192261	203422	7.05%	0.575%
66	9.434	1247	1249	1251	rVV	136829	129805	4.50%	0.367%
67	9.469	1251	1255	1258	rVV2	562158	498146	17.25%	1.407%
68	9.528	1262	1265	1267	rBV2	91826	92597	3.21%	0.262%
69	9.563	1269	1271	1274	rVB4	71584	76547	2.65%	0.216%
70	9.604	1275	1278	1283	rBV3	218811	257593	8.92%	0.728%
71	9.651	1283	1286	1289	rBV	171252	148462	5.14%	0.419%

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72	9.681	1289	1291	1295	rBV3	146545	149085	5.16%	0.421%
73	9.728	1295	1299	1300	rBV3	142455	171240	5.93%	0.484%
74	9.751	1300	1303	1305	rVV	849502	787196	27.27%	2.224%
75	9.781	1305	1308	1312	rVV	836468	667521	23.12%	1.886%
76	9.857	1318	1321	1324	rVB2	94615	102169	3.54%	0.289%
77	9.904	1327	1329	1333	rVV3	116000	117775	4.08%	0.333%
78	9.951	1333	1337	1342	rVV2	389979	463535	16.06%	1.309%
79	10.004	1342	1346	1348	rBV3	151372	190925	6.61%	0.539%
80	10.063	1354	1356	1358	rBV	126101	138314	4.79%	0.391%
81	10.151	1368	1371	1373	rBV3	213918	218175	7.56%	0.616%
82	10.175	1373	1375	1378	rVV2	123851	131507	4.56%	0.372%
83	10.204	1378	1380	1382	rVV2	85565	75261	2.61%	0.213%
84	10.298	1392	1396	1401	rBV	730406	736661	25.52%	2.081%
85	10.398	1408	1413	1416	rBV2	445328	530997	18.39%	1.500%
86	10.451	1420	1422	1425	rVB2	171250	150145	5.20%	0.424%
87	10.539	1434	1437	1441	rBV	543978	510906	17.70%	1.443%
88	10.663	1454	1458	1465	rVB	905538	1045524	36.21%	2.954%
89	11.133	1535	1538	1543	rVB	982332	948036	32.84%	2.678%
90	11.239	1553	1556	1557	rBV	668237	621078	21.51%	1.755%
91	11.269	1557	1561	1564	rVV	2945389	2887085	100.00%	8.156%
92	11.316	1566	1569	1571	rVB	926912	785618	27.21%	2.219%
93	11.475	1593	1596	1600	rVB2	490800	567097	19.64%	1.602%
94	11.739	1639	1641	1643	rBV	320440	280623	9.72%	0.793%
95	11.769	1644	1646	1651	rVB	467084	508268	17.60%	1.436%
96	11.851	1658	1660	1663	rBV	520668	499192	17.29%	1.410%
97	12.469	1761	1765	1767	rVB	1929193	2025345	70.15%	5.722%
98	12.698	1799	1804	1809	rBV	1553754	2128221	73.72%	6.012%

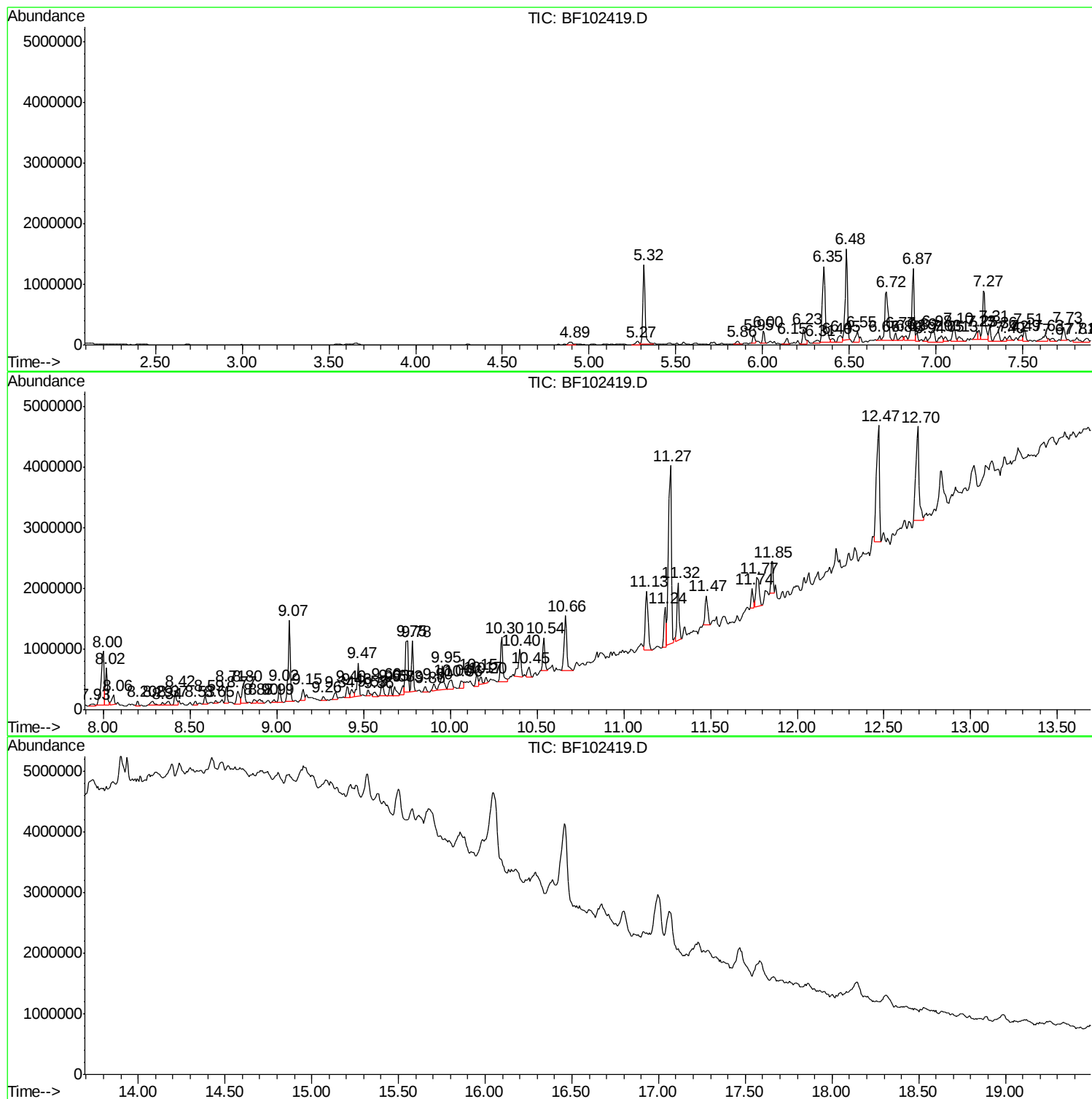
Sum of corrected areas: 35398040

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



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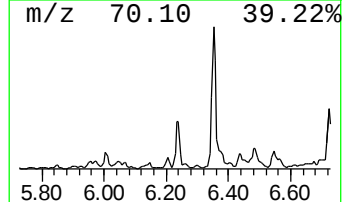
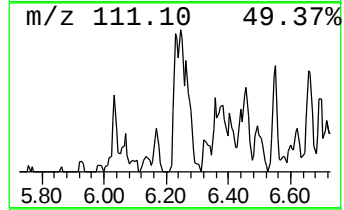
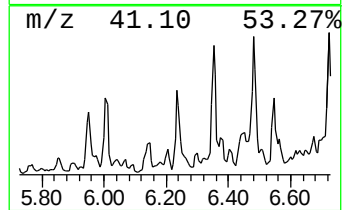
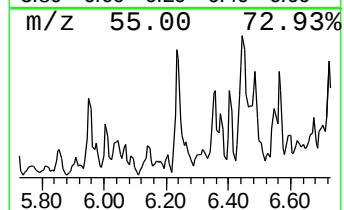
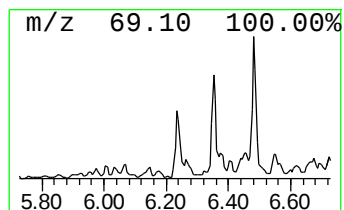
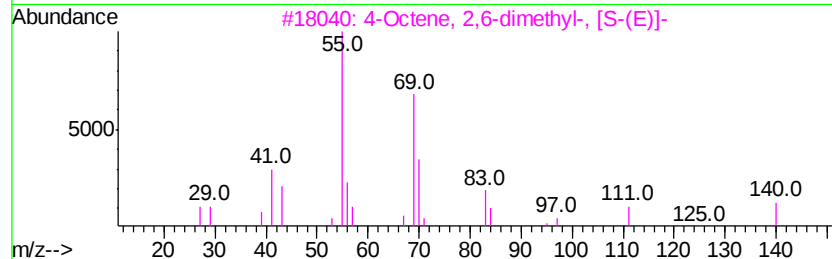
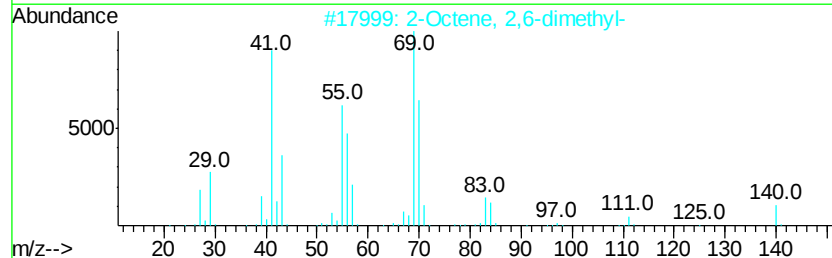
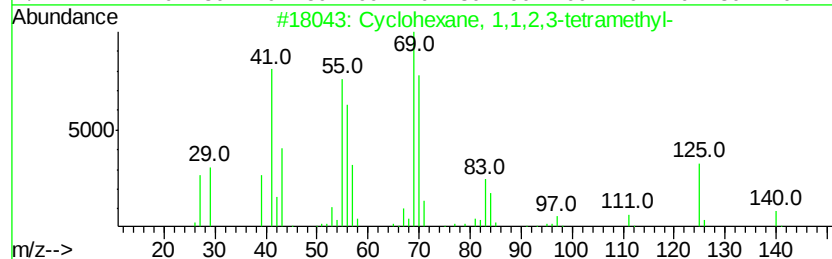
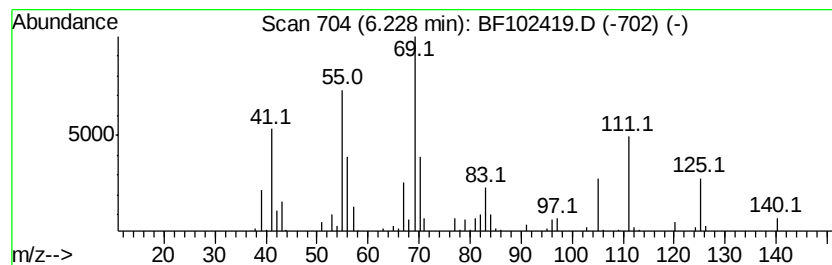
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	5.38 ng	283504	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
3		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	62
4		2-Methyl-2-octene	126	C9H18	016993-86-5	46
5		3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46



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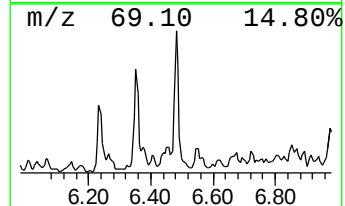
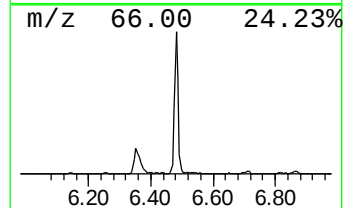
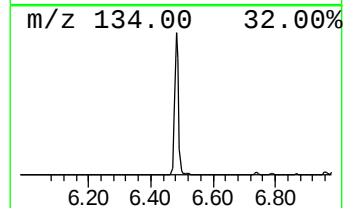
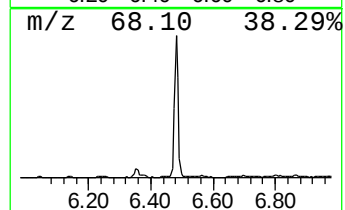
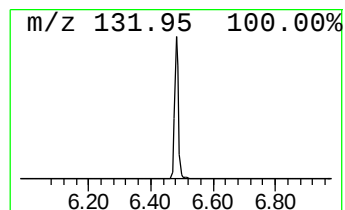
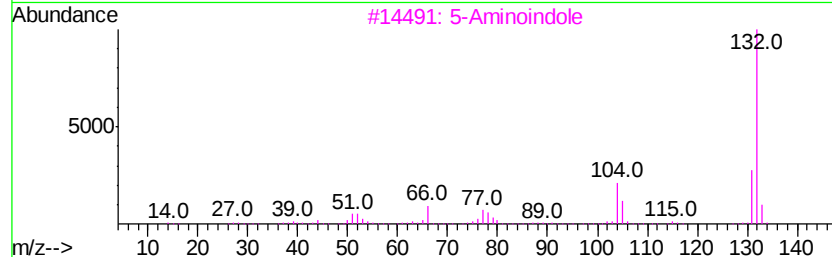
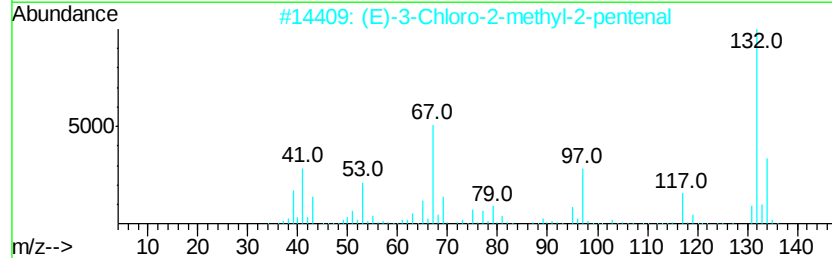
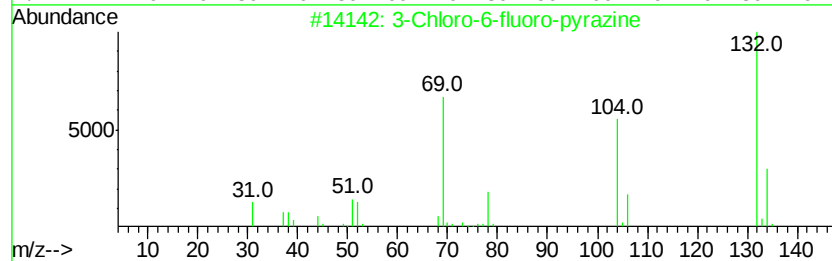
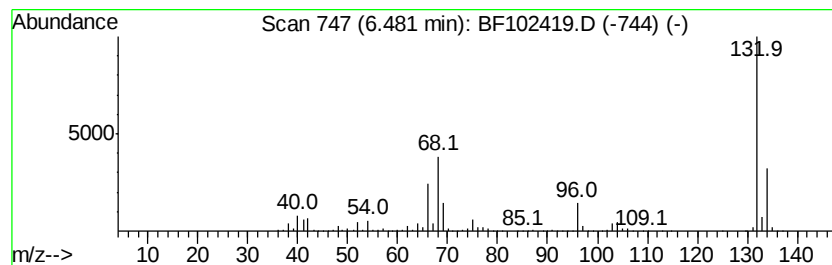
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	24.80 ng	1307150	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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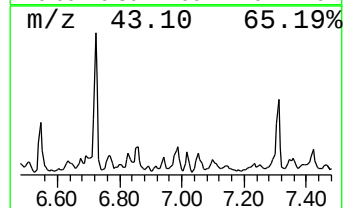
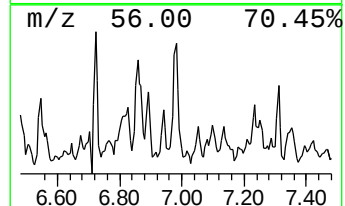
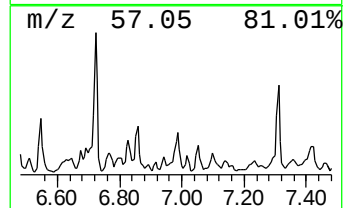
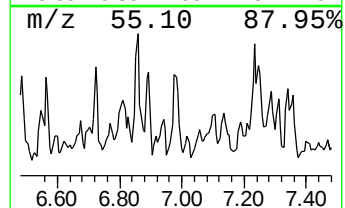
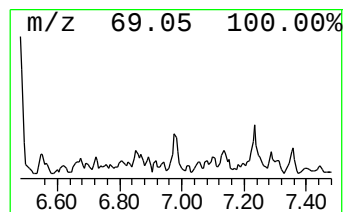
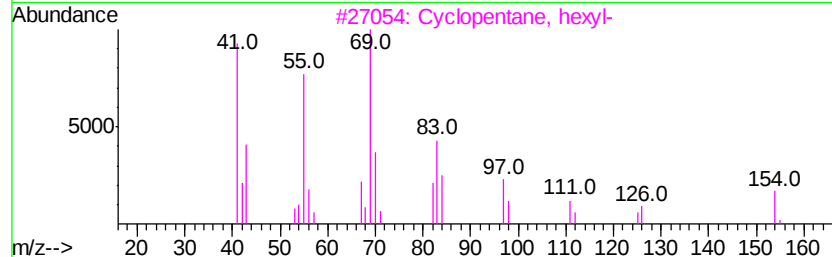
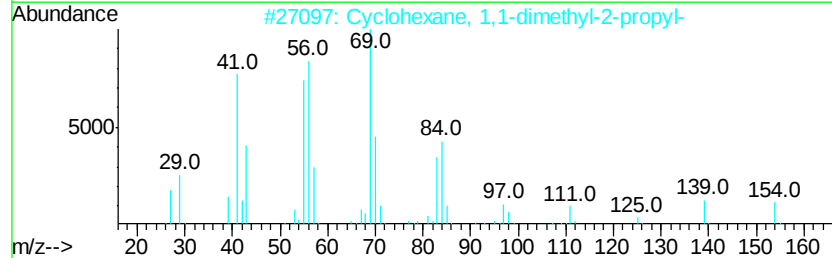
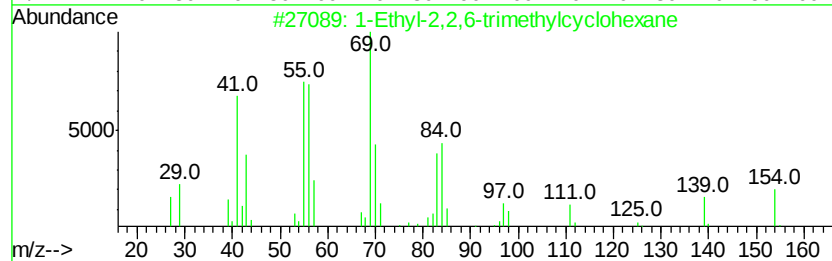
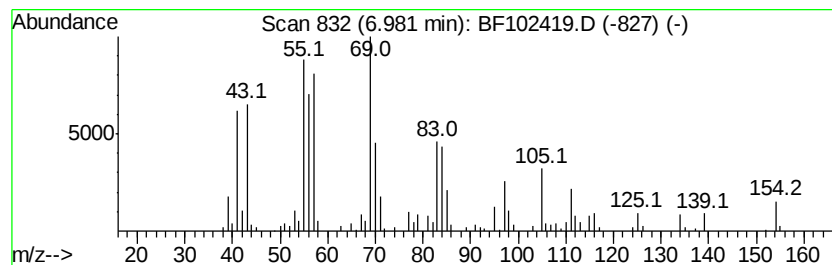
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Peak Number 4 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	5.67 ng	298862	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	87
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
3		Cyclopentane, hexyl-	154	C11H22	004457-00-5	64
4		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	43
5		Cyclooctane, methyl-	126	C9H18	001502-38-1	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
Operator : SJ/JU
Sample : J1256-07 2X
Misc :
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Instrument :
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ClientSampleId :
DB-OF-N-S-(EW0-4)

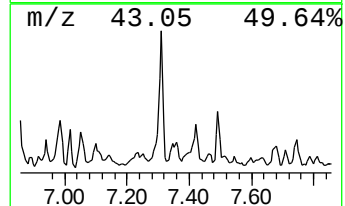
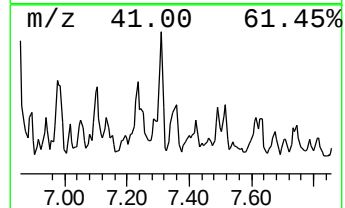
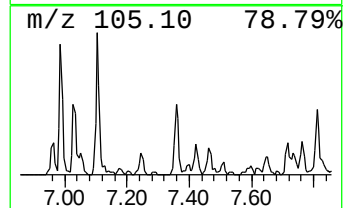
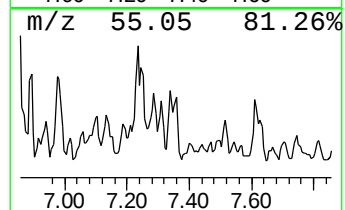
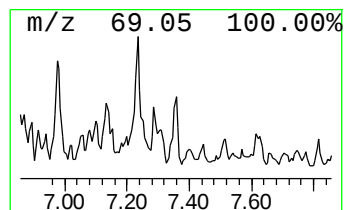
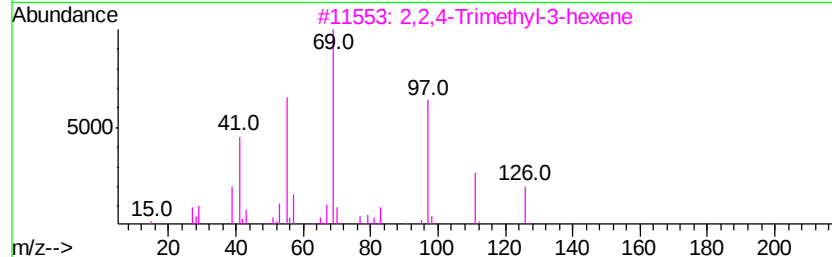
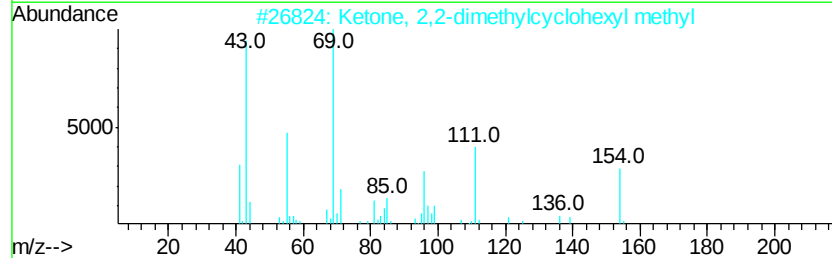
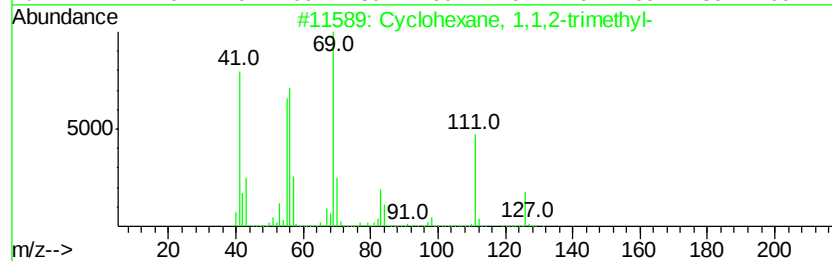
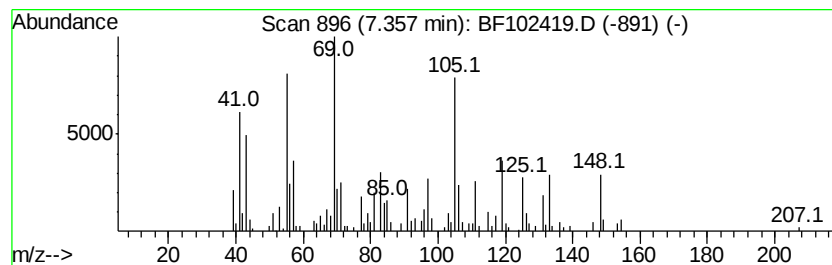
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.36 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	4.27 ng	204769	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
2		Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
3		2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	35
4		2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	35
5		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	30



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
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Acq On : 25 Jan 2018 12:04
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Sample : J1256-07 2X
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-OF-N-S-(EW0-4)

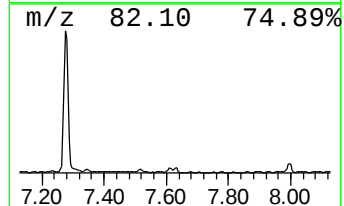
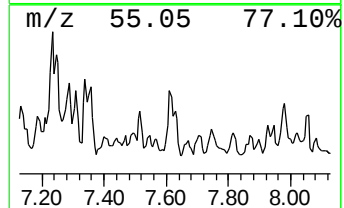
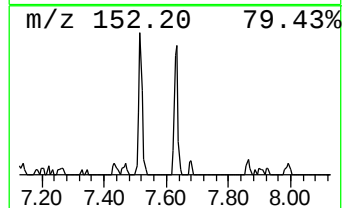
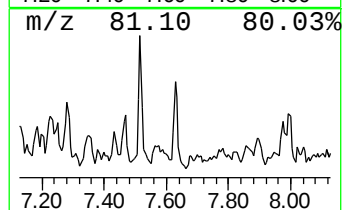
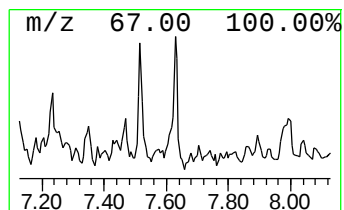
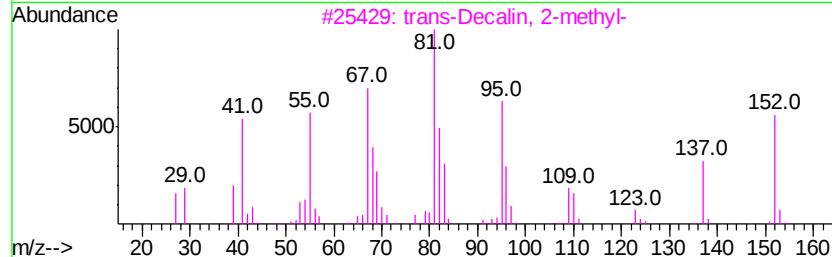
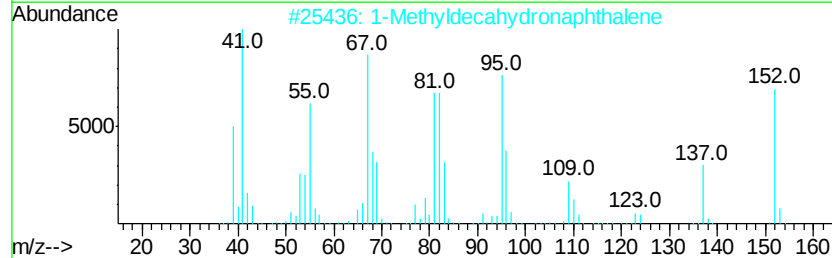
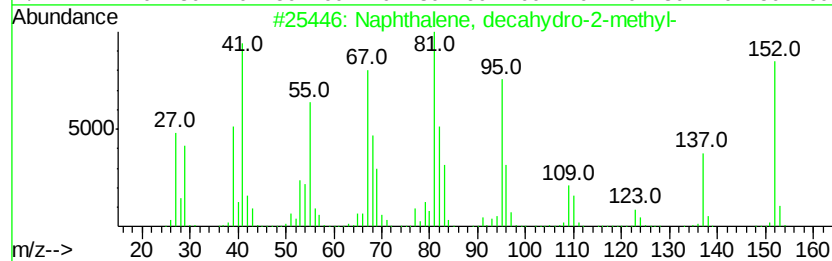
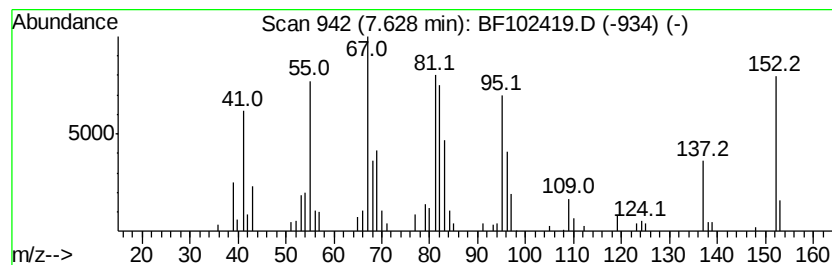
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	4.45 ng	213248	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	72
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	60



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
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Sample : J1256-07 2X
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-OF-N-S-(EW0-4)

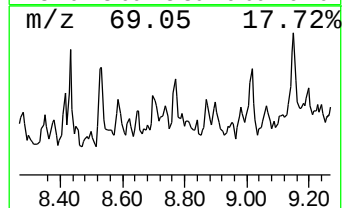
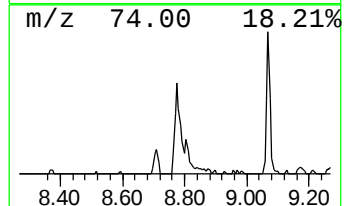
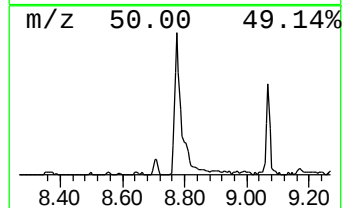
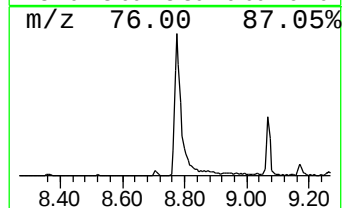
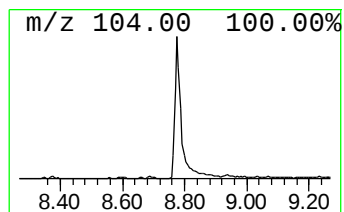
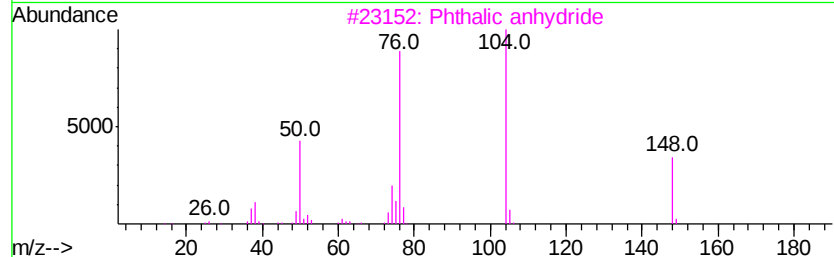
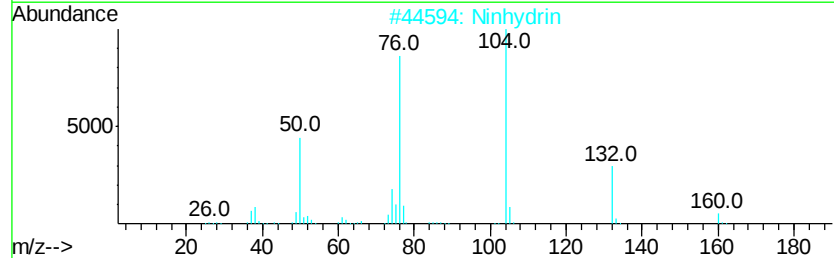
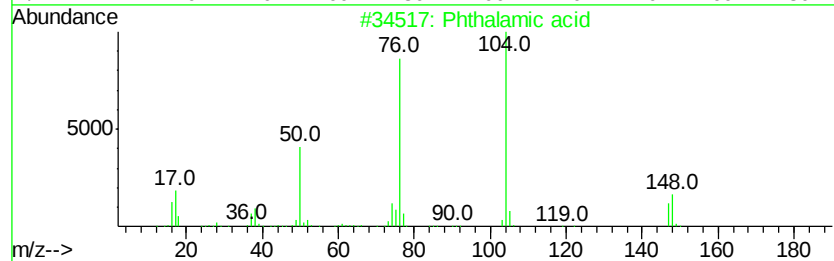
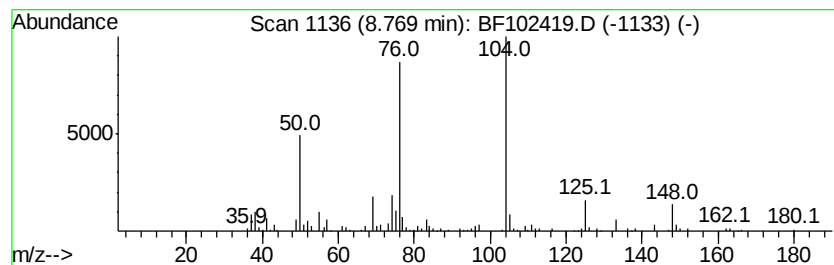
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phthalamic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	5.92 ng	283666	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalamic acid	165	C8H7NO3	000088-97-1	90
2		Ninhydrin	178	C9H6O4	000485-47-2	90
3		Phthalic anhydride	148	C8H4O3	000085-44-9	89
4		Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	86
5		Indan-1,2,3-trione	160	C9H4O3	000938-24-9	83



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
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Sample : J1256-07 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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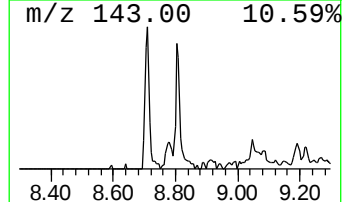
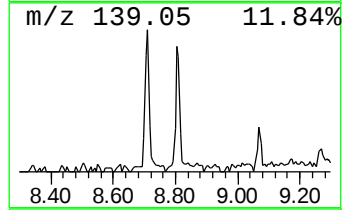
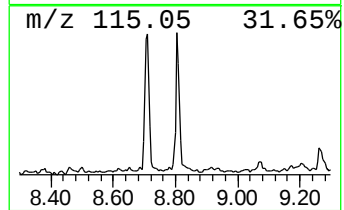
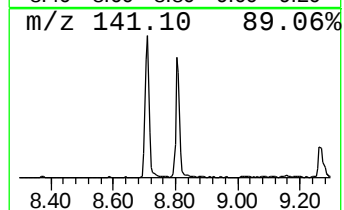
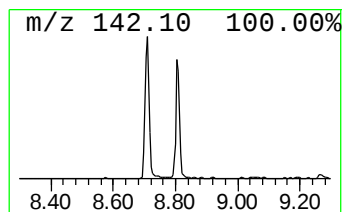
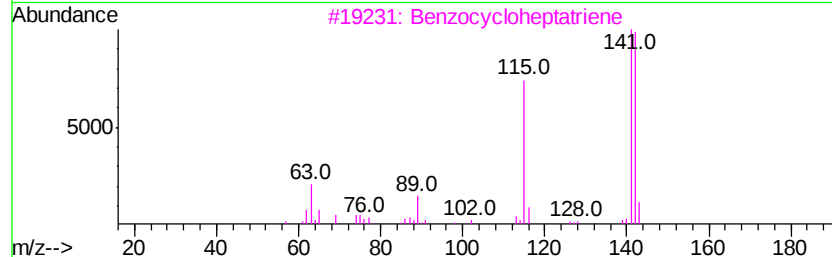
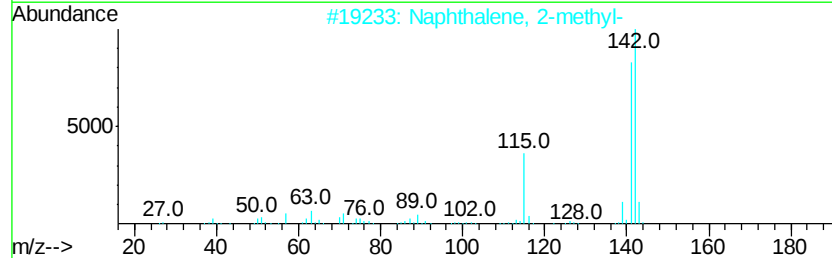
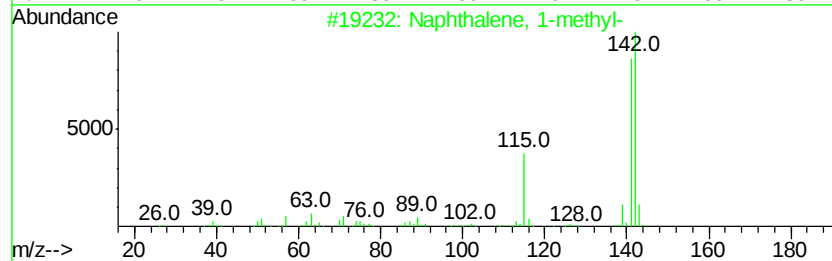
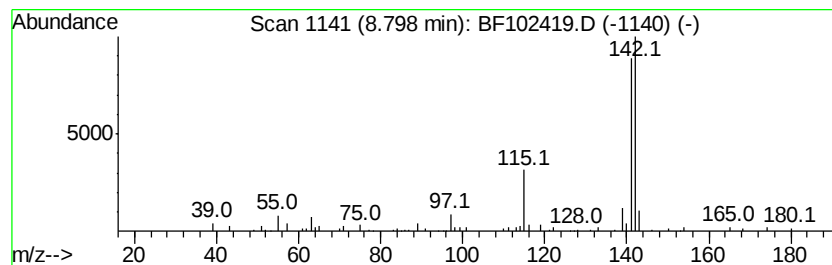
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	5.77 ng	276635	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Sample : J1256-07 2X
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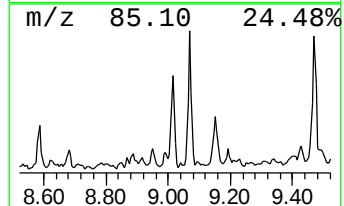
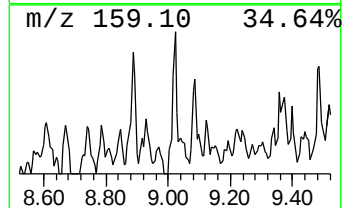
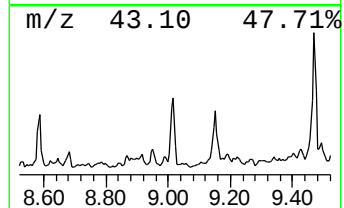
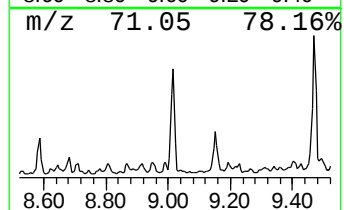
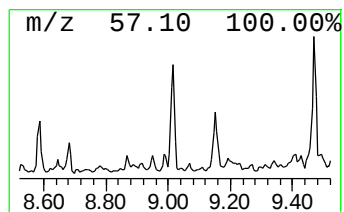
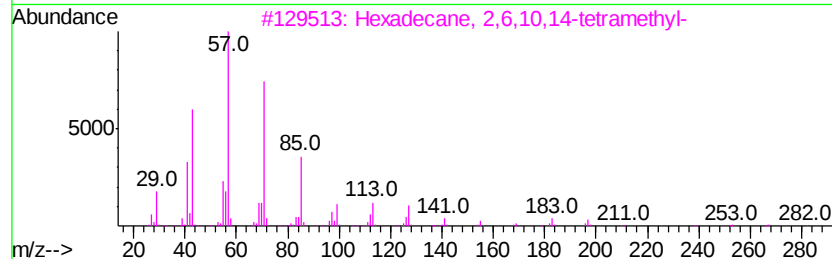
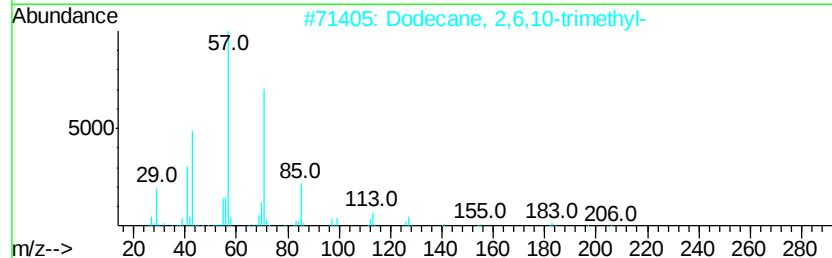
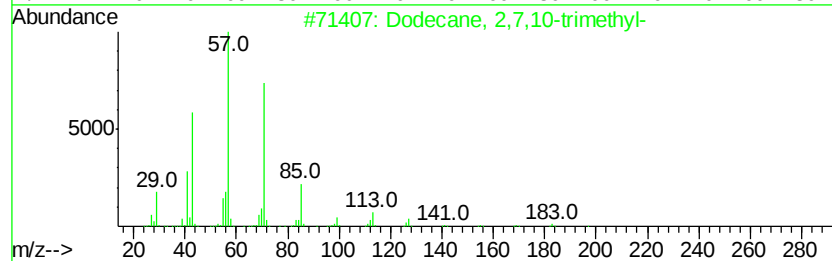
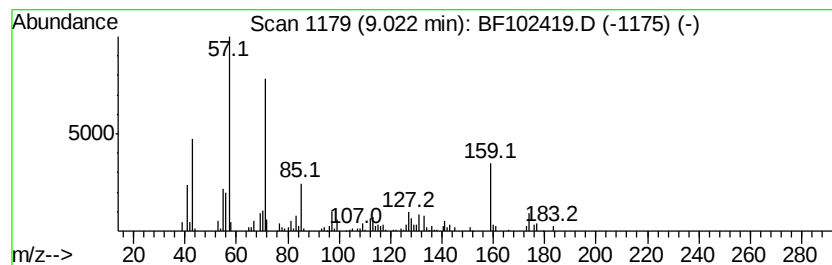
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.02	5.99 ng	235839	Acenaphthene-d10		9.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane,	2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane,	2,6,10-trimethyl-	212	C15H32	003891-98-3	86
3	Hexadecane,	2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Dodecane,	2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Decane,	5-ethyl-5-methyl-	184	C13H28	017312-74-2	72



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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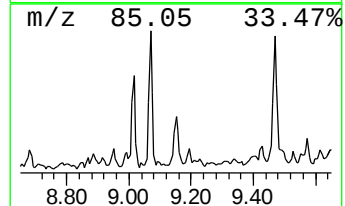
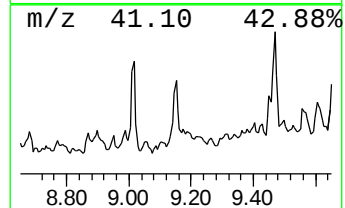
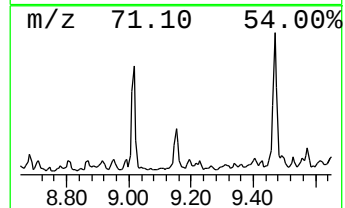
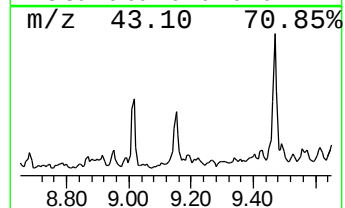
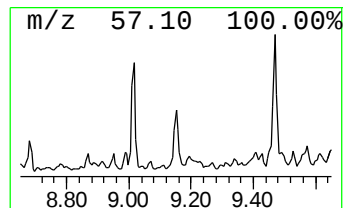
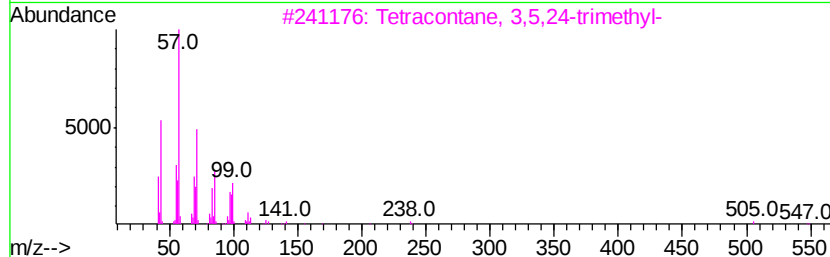
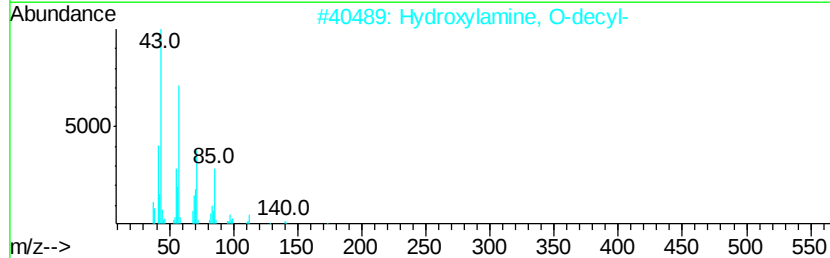
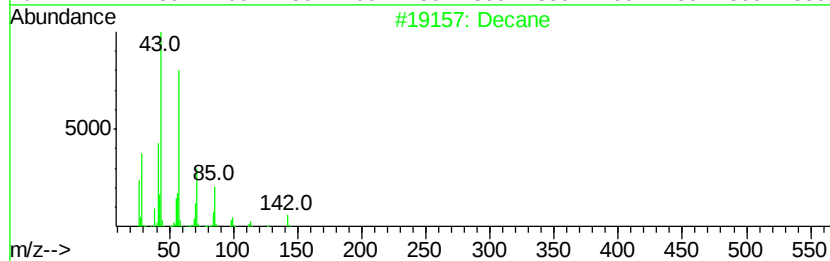
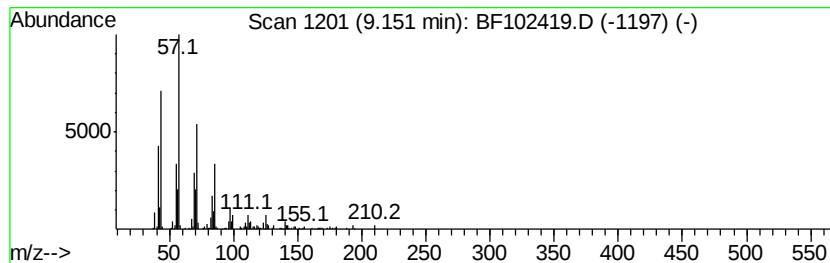
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.18 ng	203705	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	87
2		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	86
3		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	80
4		Hexadecane	226	C16H34	000544-76-3	72
5		Nonadecane	268	C19H40	000629-92-5	72



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ALS Vial : 6 Sample Multiplier: 1

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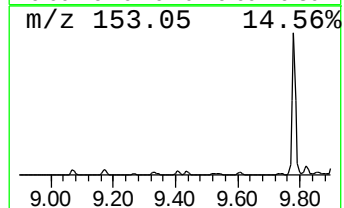
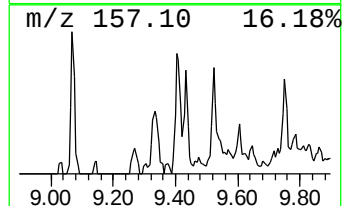
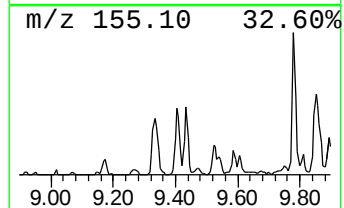
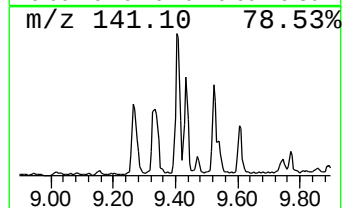
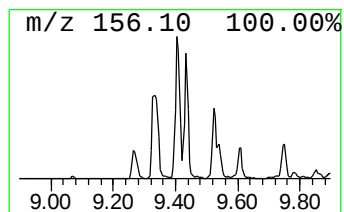
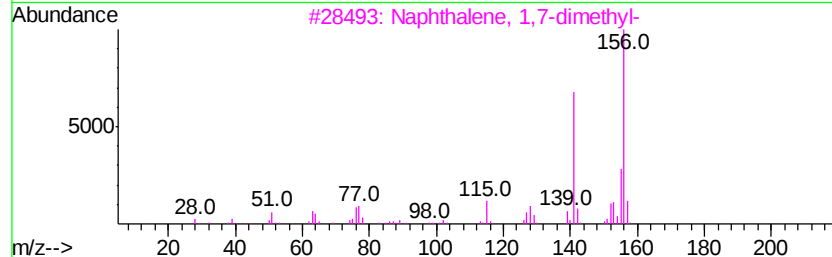
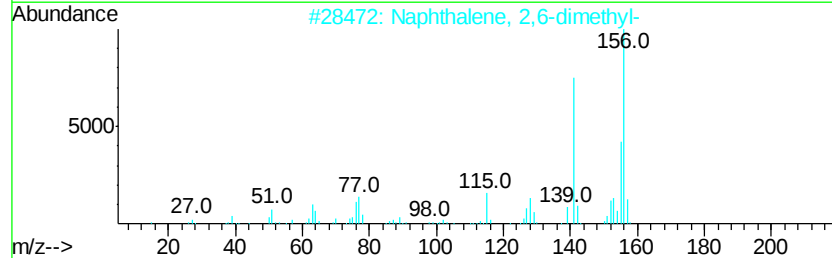
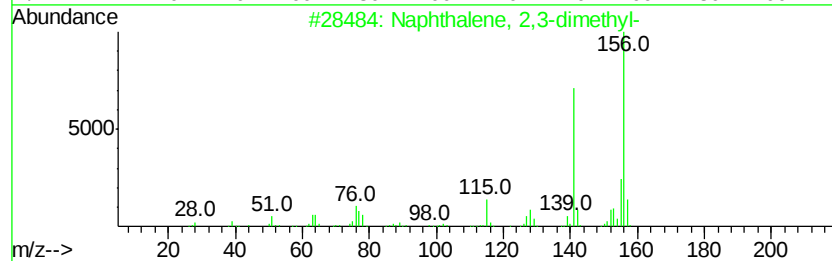
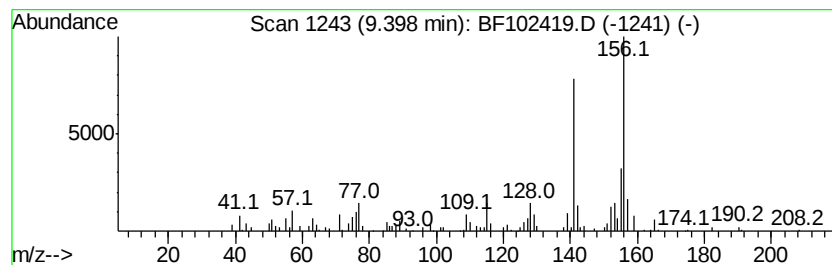
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	5.17 ng	203422	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
Operator : SJ/JU
Sample : J1256-07 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

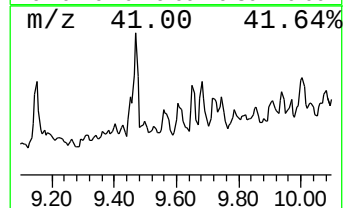
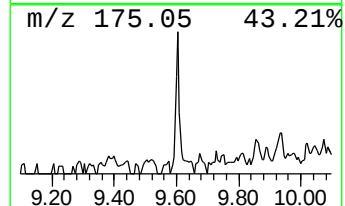
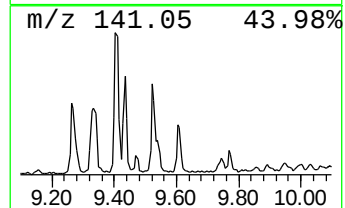
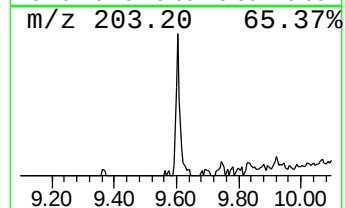
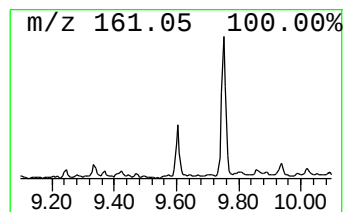
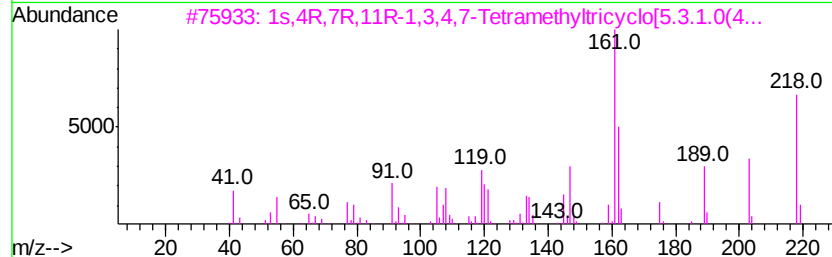
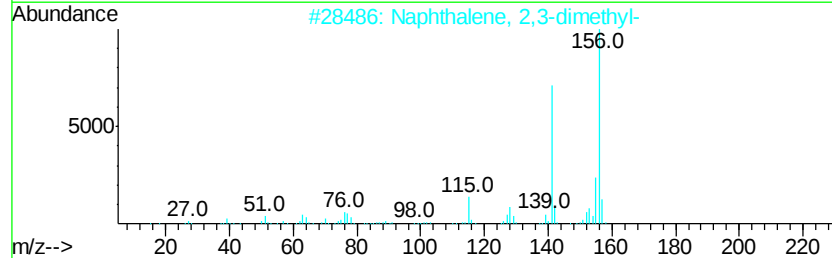
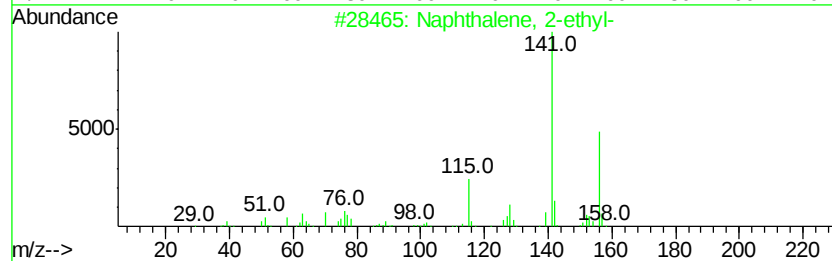
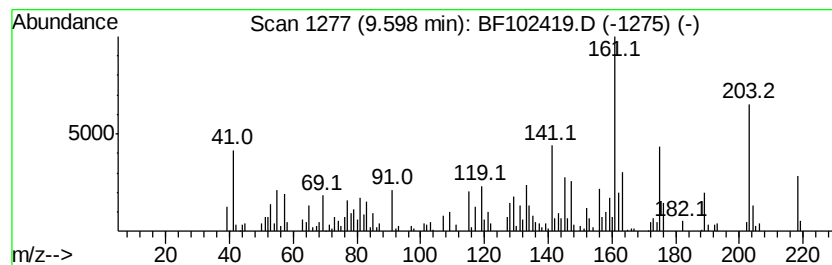
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ClientSampleId :
DB-OF-N-S-(EW0-4)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.60	6.54 ng	257593	Acenaphthene-d10	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	53
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	25
3	1s,4R,7R,11R-1,3,4,7-Tetramethyl...	218	C15H22O	137235-42-8	15
4	1H-Cyclopropa[alnaphthalene, 1a,...	204	C15H24	017334-55-3	15
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	15



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
Operator : SJ/JU
Sample : J1256-07 2X
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ALS Vial : 6 Sample Multiplier: 1

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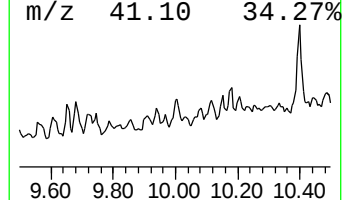
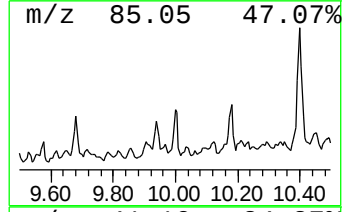
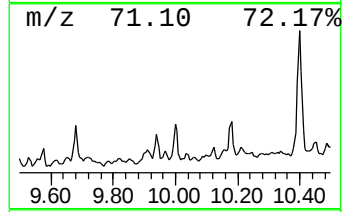
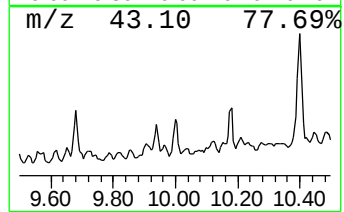
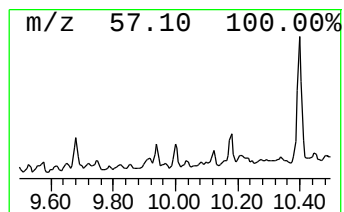
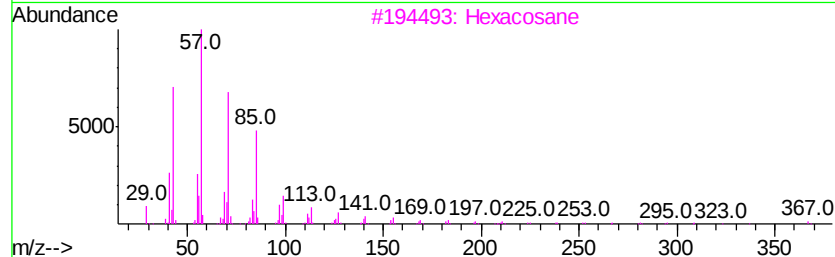
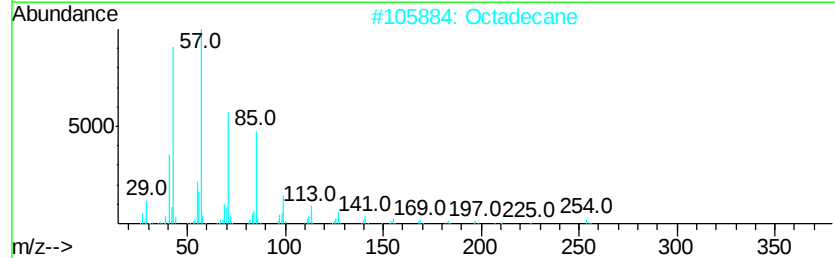
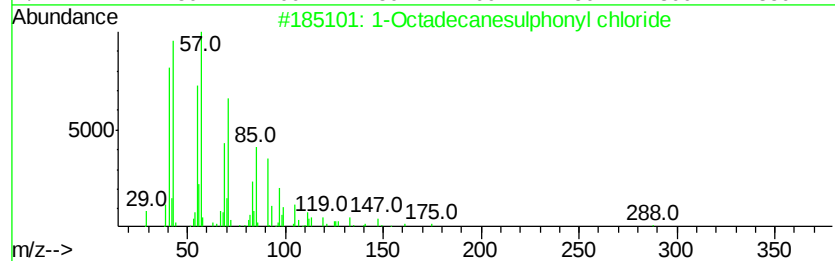
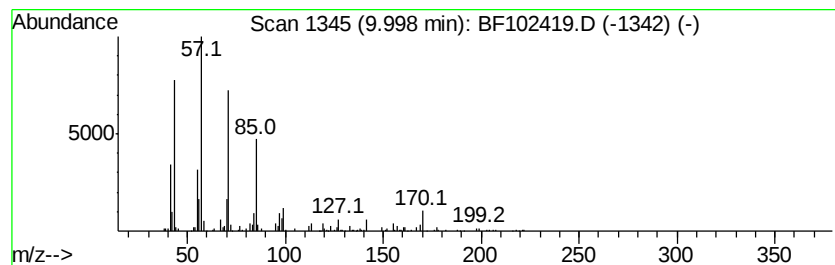
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Octadecanesulphonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.85 ng	190925	Acenaphthene-d10	9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
2			Octadecane	254	C18H38	000593-45-3	49
3			Hexacosane	366	C26H54	000630-01-3	49
4			Heneicosane	296	C21H44	000629-94-7	49
5			Heptacosane	380	C27H56	000593-49-7	49



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102419.D
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Sample : J1256-07 2X
Misc :
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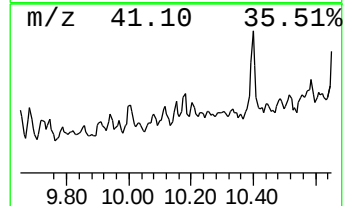
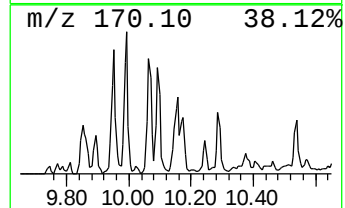
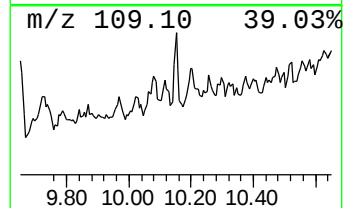
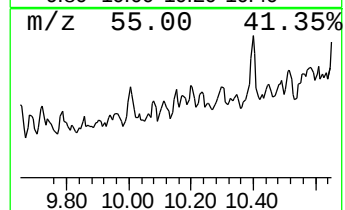
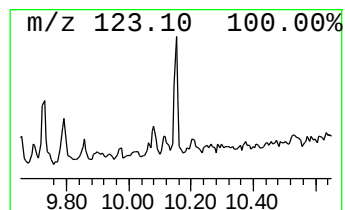
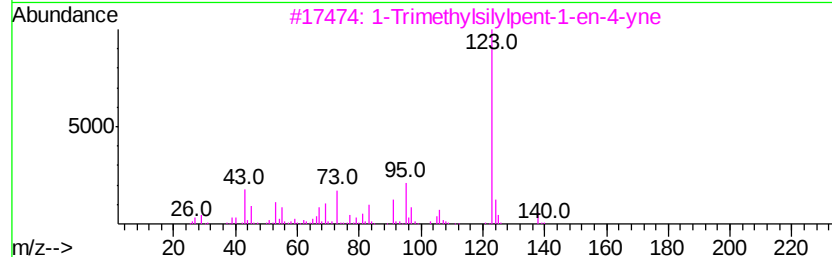
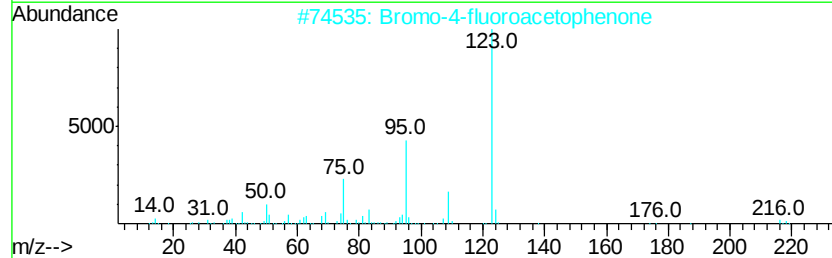
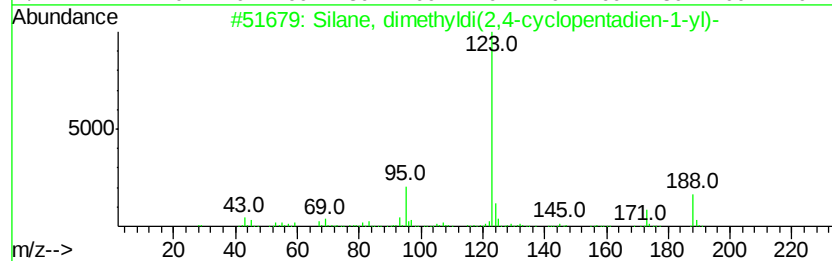
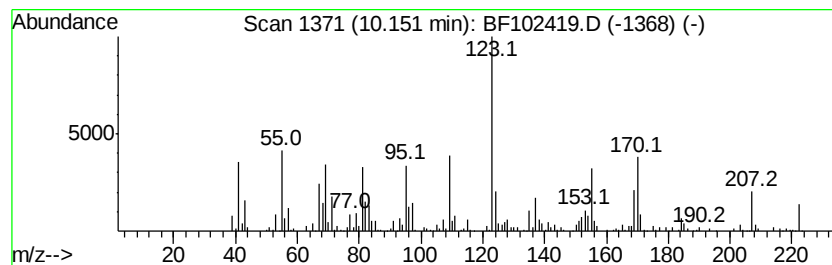
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DB-OF-N-S-(EW0-4)

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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 unknown10.15 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	5.54 ng	218175	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Silane, dimethyldi(2,4-cyclopent...	188 C12H16Si	018053-74-2 27
2		Bromo-4-fluoroacetophenone	216 C8H6BrFO	000403-29-2 27
3		1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9 27
4		3-Fluorobenzoic acid, 3-methylbu...	208 C12H13FO2	154559-38-3 25
5		.beta.-Chloro-para-fluoropropiop...	186 C9H8ClFO	000347-93-3 25



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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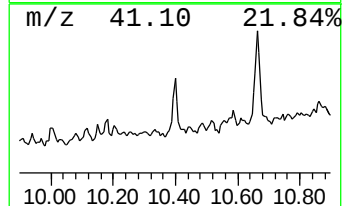
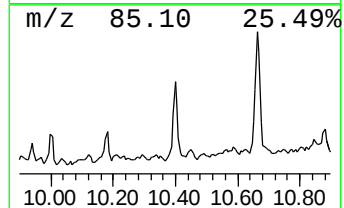
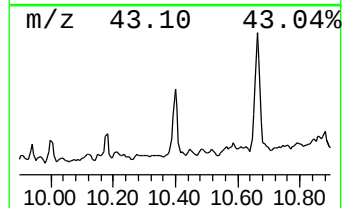
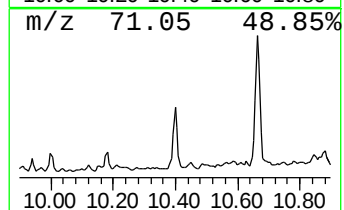
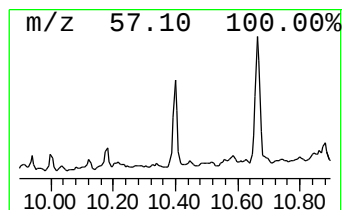
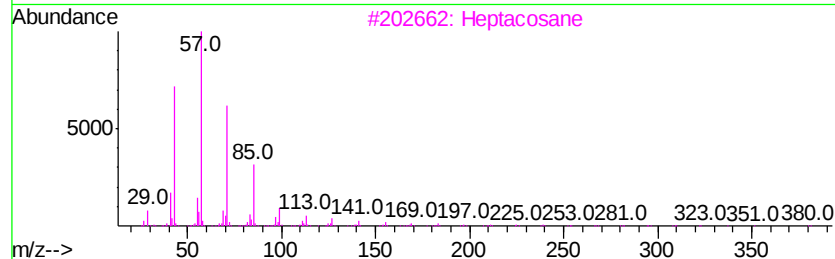
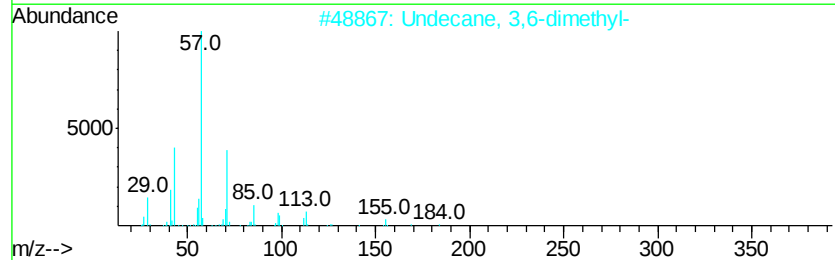
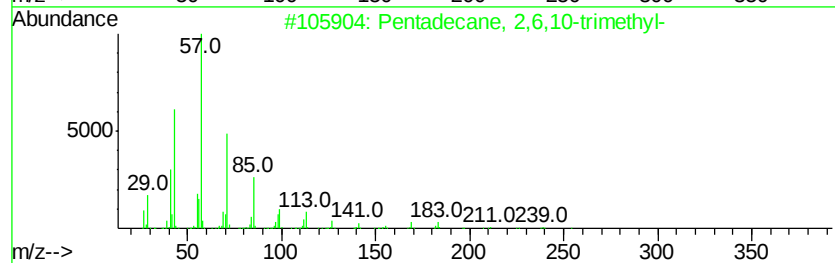
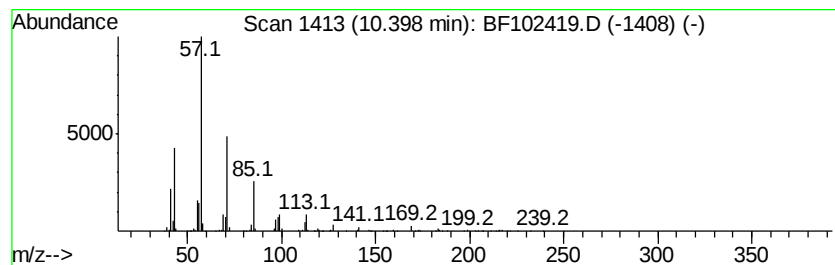
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.40	13.49 ng	530997	Acenaphthene-d10		9.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Heptacosane	380	C27H56	000593-49-7	80
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
Operator : SJ/JU
Sample : J1256-07 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-OF-N-S-(EW0-4)

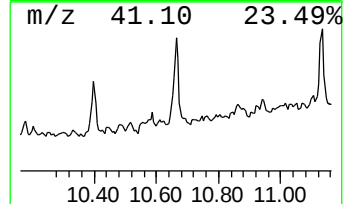
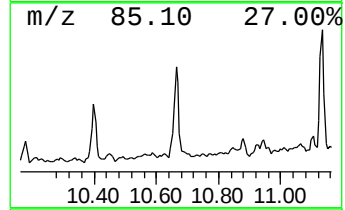
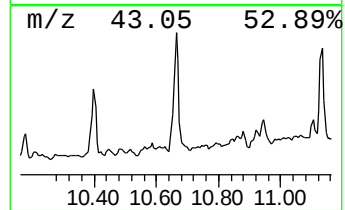
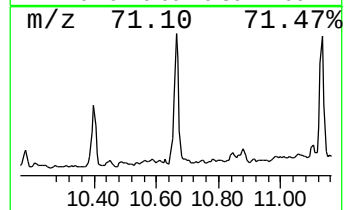
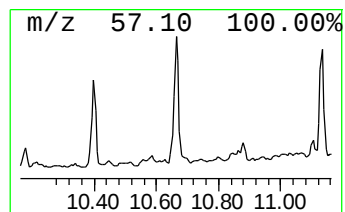
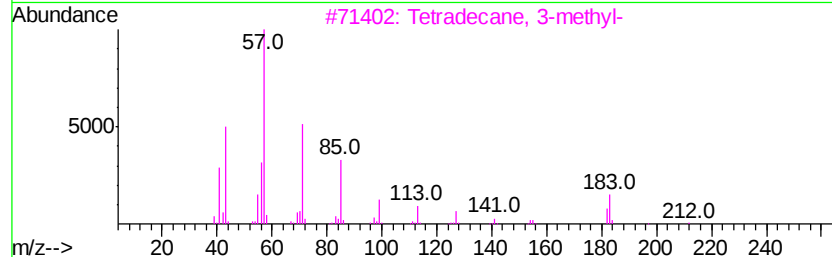
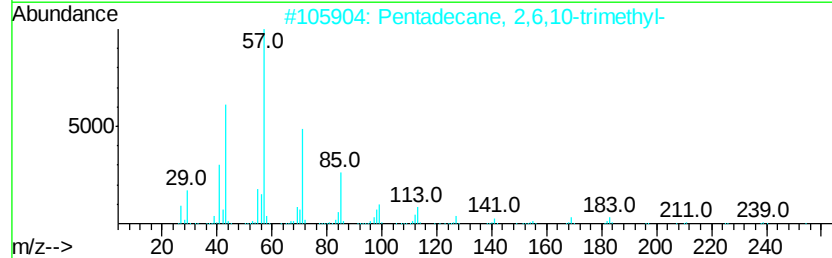
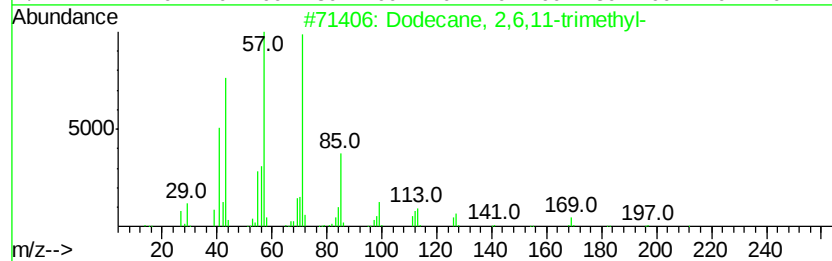
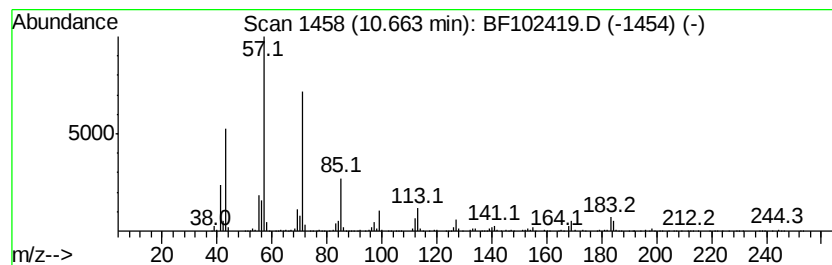
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	33.67 ng	1045520	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	86
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
5		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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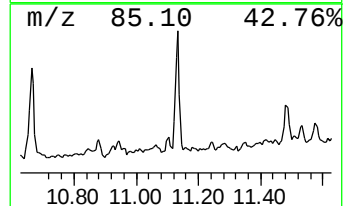
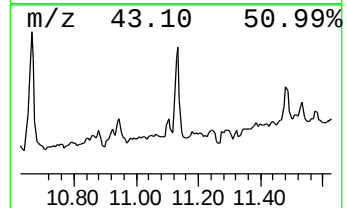
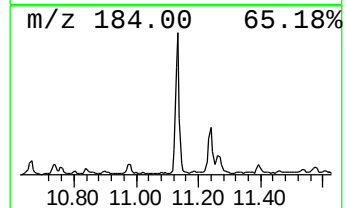
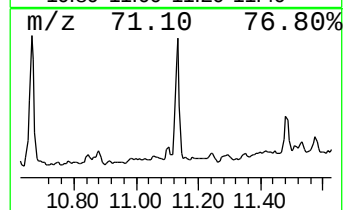
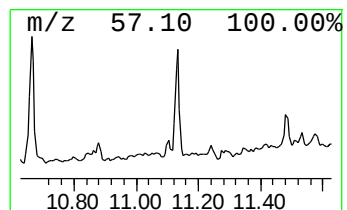
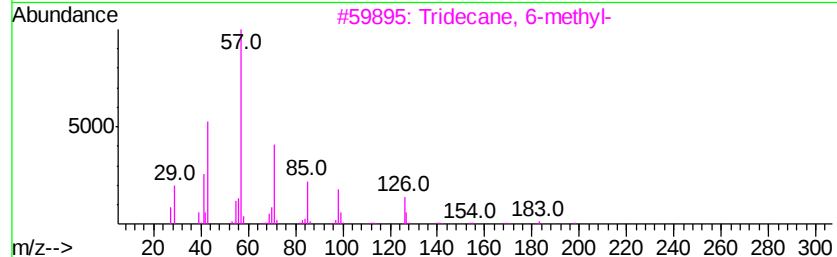
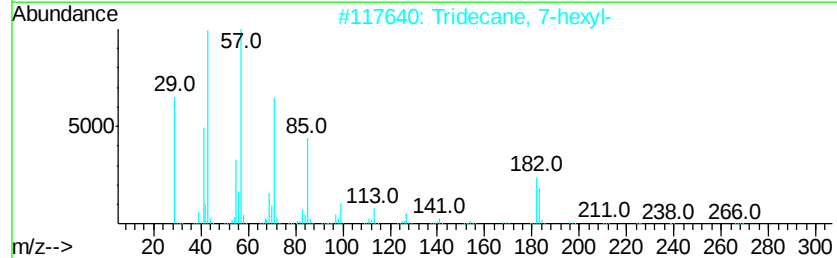
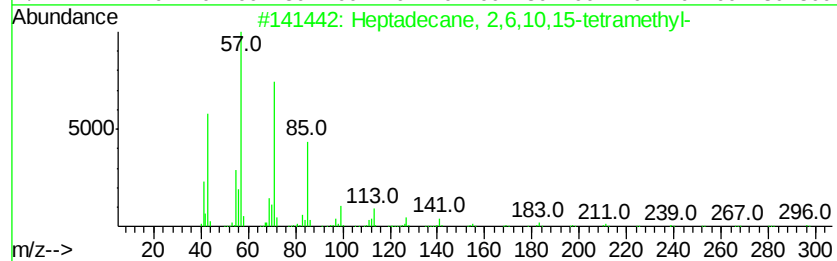
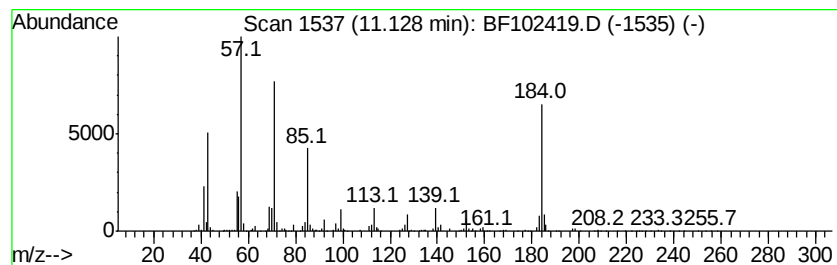
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	30.53 ng	948036	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	53
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	52
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
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Sample : J1256-07 2X
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ALS Vial : 6 Sample Multiplier: 1

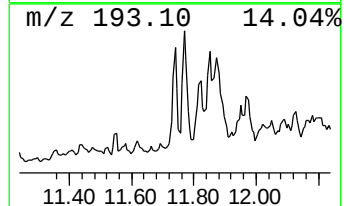
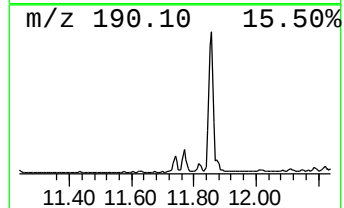
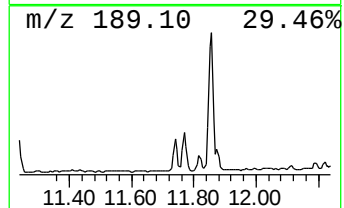
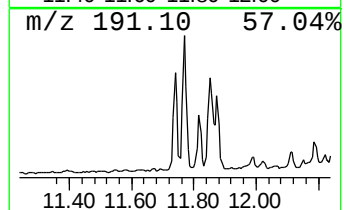
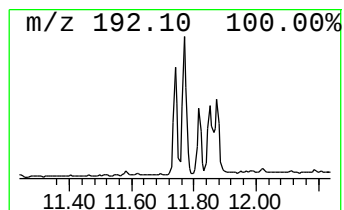
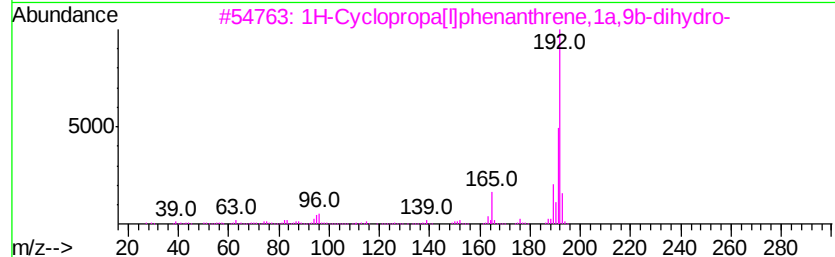
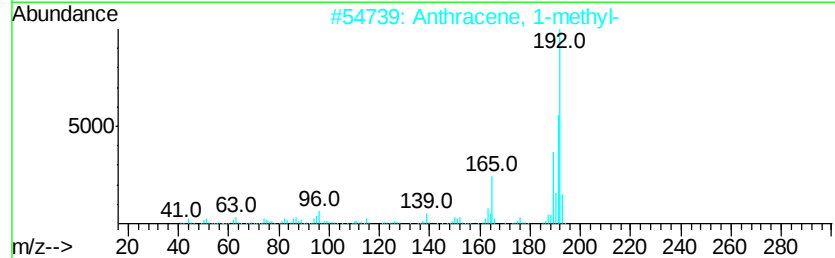
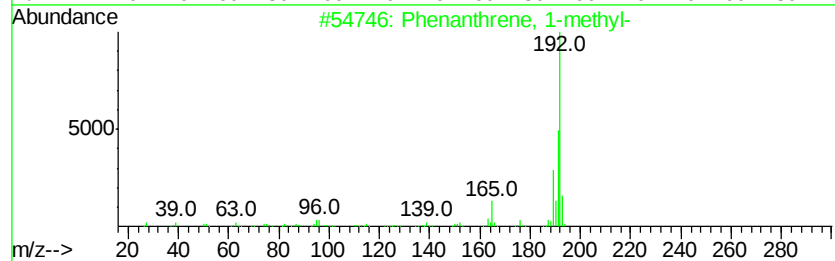
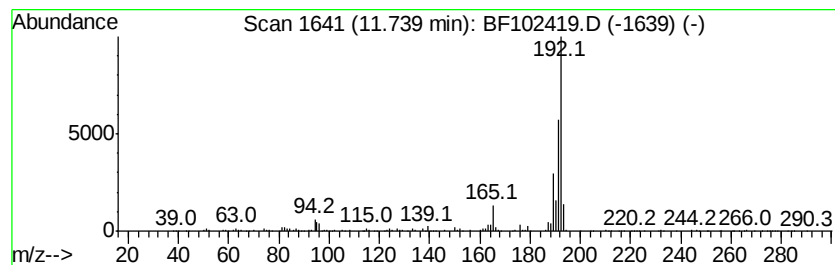
Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.74	9.04 ng	280623	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102419.D
Acq On : 25 Jan 2018 12:04
Operator : SJ/JU
Sample : J1256-07 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-N-S-(EW0-4)

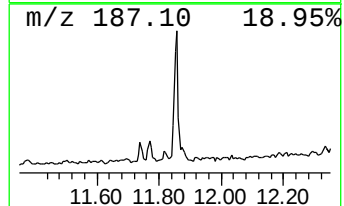
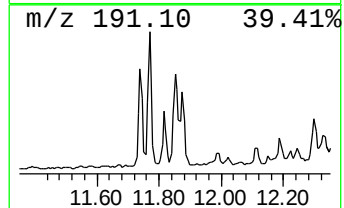
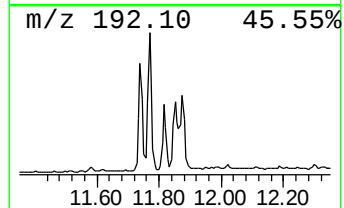
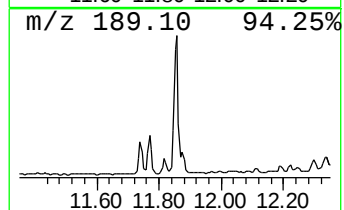
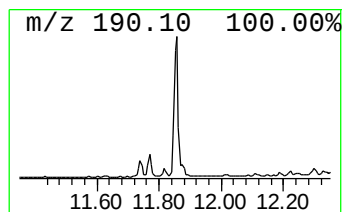
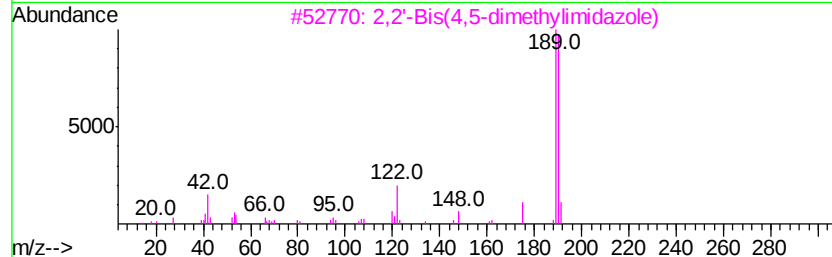
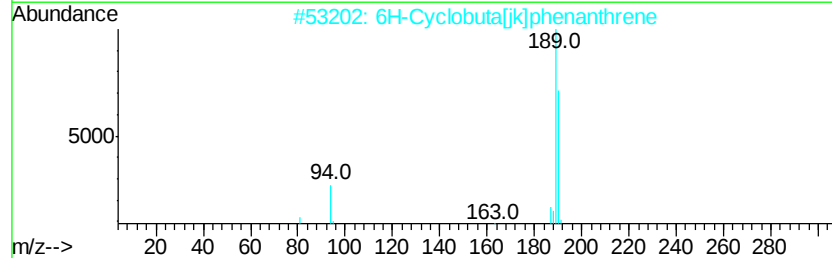
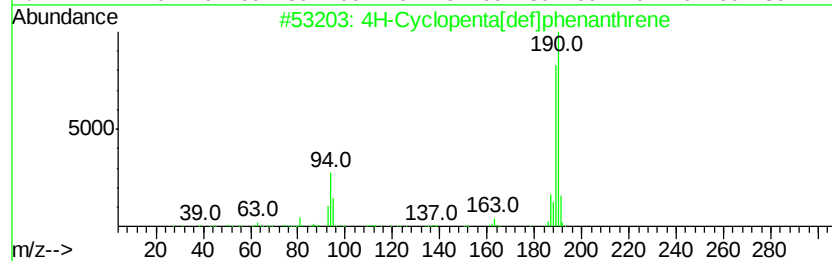
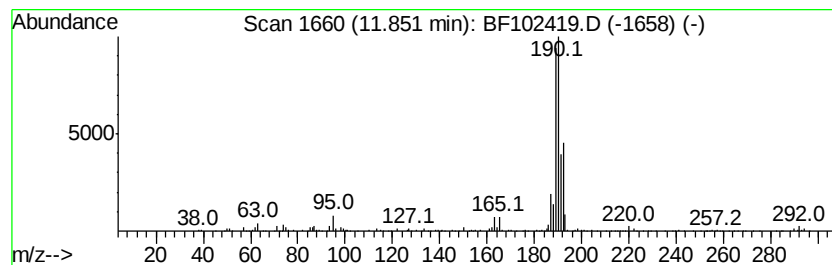
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.08 ng	499192	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5		Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	28



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102419.D
 Acq On : 25 Jan 2018 12:04
 Operator : SJ/JU
 Sample : J1256-07 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
Cyclohexane, 1,1,...	6.23	5.4	ng	283504	1	6.71	1054140	20.0
unknown6.48	6.48	24.8	ng	1307150	1	6.71	1054140	20.0
1-Ethyl-2,2,6-tri...	6.98	5.7	ng	298862	1	6.71	1054140	20.0
unknown7.36	7.36	4.3	ng	204769	2	8.00	958605	20.0
Naphthalene, deca...	7.63	4.5	ng	213248	2	8.00	958605	20.0
Phthalamic acid	8.77	5.9	ng	283666	2	8.00	958605	20.0
Naphthalene, 1-me...	8.80	5.8	ng	276635	2	8.00	958605	20.0
Dodecane, 2,7,10-...	9.02	6.0	ng	235839	3	9.75	787196	20.0
Decane	9.15	5.2	ng	203705	3	9.75	787196	20.0
Naphthalene, 2,3-...	9.40	5.2	ng	203422	3	9.75	787196	20.0
Naphthalene, 2-et...	9.60	6.5	ng	257593	3	9.75	787196	20.0
1-Octadecanesulph...	10.00	4.8	ng	190925	3	9.75	787196	20.0
unknown10.15	10.15	5.5	ng	218175	3	9.75	787196	20.0
Pentadecane, 2,6,...	10.40	13.5	ng	530997	3	9.75	787196	20.0
Dodecane, 2,6,11-...	10.66	33.7	ng	1045520	4	11.24	621078	20.0
Heptadecane, 2,6,...	11.13	30.5	ng	948036	4	11.24	621078	20.0
Phenanthrene, 1-m...	11.74	9.0	ng	280623	4	11.24	621078	20.0
4H-Cyclopenta[def...	11.85	16.1	ng	499192	4	11.24	621078	20.0