

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
 Data File : BF102698.D
 Acq On : 1 Feb 2018 20:42
 Operator : SJ/JU
 Sample : J1405-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-05(CB#1-LINE@5)

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	5.328	547	551	566	rBV	963193	2217459	31.30%	1.770%
2	5.581	591	594	604	rVB2	71687	99959	1.41%	0.080%
3	5.687	607	612	616	rVB3	47015	81251	1.15%	0.065%
4	5.822	632	635	640	rVB2	69481	82728	1.17%	0.066%
5	5.922	649	652	654	rBV2	165638	161624	2.28%	0.129%
6	5.946	654	656	659	rVV	144406	132155	1.87%	0.105%
7	5.975	659	661	664	rVB	124303	106397	1.50%	0.085%
8	6.116	679	685	688	rBV2	121429	163689	2.31%	0.131%
9	6.175	693	695	698	rVV	104792	98882	1.40%	0.079%
10	6.210	698	701	709	rVV3	256807	346247	4.89%	0.276%
11	6.269	709	711	713	rVV	105314	84163	1.19%	0.067%
12	6.293	713	715	719	rVB2	79162	87091	1.23%	0.070%
13	6.369	725	728	741	rBV	1367095	2581037	36.44%	2.060%
14	6.481	743	747	751	rVV	1820145	2517855	35.55%	2.010%
15	6.522	751	754	760	rVB3	763971	909508	12.84%	0.726%
16	6.698	781	784	789	rVV	1030879	1020380	14.41%	0.814%
17	6.745	789	792	794	rVV3	153039	148612	2.10%	0.119%
18	6.775	794	797	799	rVV3	73264	78245	1.10%	0.062%
19	6.804	799	802	804	rVB2	98145	96391	1.36%	0.077%
20	6.828	804	806	808	rBV	299187	328309	4.63%	0.262%
21	6.851	808	810	818	rVB	1849000	1946448	27.48%	1.554%
22	6.916	818	821	823	rVB2	130142	107255	1.51%	0.086%
23	6.963	823	829	832	rBV4	340057	516557	7.29%	0.412%
24	6.992	832	834	836	rBV	219373	164074	2.32%	0.131%
25	7.028	836	840	845	rVB3	327763	449498	6.35%	0.359%
26	7.075	845	848	852	rBV3	522473	573562	8.10%	0.458%
27	7.110	852	854	860	rVB3	158031	191694	2.71%	0.153%
28	7.157	860	862	864	rBV2	175183	167498	2.36%	0.134%
29	7.210	868	871	872	rVV2	317840	303853	4.29%	0.243%
30	7.228	872	874	877	rVB	436082	376247	5.31%	0.300%
31	7.287	882	884	887	rVV	2406702	2059657	29.08%	1.644%
32	7.334	887	892	895	rVB6	356525	621300	8.77%	0.496%
33	7.398	897	903	907	rBV4	310443	532683	7.52%	0.425%
34	7.440	907	910	912	rBV2	167667	143944	2.03%	0.115%

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35	7.469	912	915	917	rBV2	575487	543165	7.67%	0.434%
36	7.492	917	919	922	rVB	856889	696726	9.84%	0.556%
37	7.604	936	938	941	rVB3	691267	676369	9.55%	0.540%
38	7.634	941	943	944	rBV	105989	91829	1.30%	0.073%
39	7.651	944	946	949	rVB2	441645	464486	6.56%	0.371%
40	7.687	949	952	955	rBV3	393573	338960	4.79%	0.271%
41	7.722	955	958	961	rBV2	980986	986768	13.93%	0.788%
42	7.769	964	966	967	rBV	390695	245407	3.46%	0.196%
43	7.792	967	970	975	rVB5	463208	528499	7.46%	0.422%
44	7.851	975	980	982	rBV2	531922	610475	8.62%	0.487%
45	7.875	982	984	987	rBV2	264663	208584	2.94%	0.166%
46	7.928	987	993	994	rBV3	441670	701764	9.91%	0.560%
47	7.963	994	999	1001	rVV	3324515	3830805	54.08%	3.058%
48	7.981	1001	1002	1004	rVV	1136873	913244	12.89%	0.729%
49	8.004	1004	1006	1008	rVV2	931091	978282	13.81%	0.781%
50	8.034	1008	1011	1014	rVB	2101131	2012397	28.41%	1.606%
51	8.063	1014	1016	1019	rBV2	450099	457020	6.45%	0.365%
52	8.134	1025	1028	1029	rBV2	281970	306859	4.33%	0.245%
53	8.175	1032	1035	1038	rVB2	888723	750483	10.59%	0.599%
54	8.263	1042	1050	1057	rBV6	1395742	3476531	49.08%	2.775%
55	8.322	1057	1060	1063	rBV2	741052	727937	10.28%	0.581%
56	8.357	1063	1066	1069	rVB4	1192574	1339584	18.91%	1.069%
57	8.398	1069	1073	1078	rBV2	2901055	3599534	50.82%	2.873%
58	8.481	1084	1087	1090	rBV3	565886	567628	8.01%	0.453%
59	8.510	1090	1092	1095	rBV3	758208	722540	10.20%	0.577%
60	8.575	1099	1103	1106	rBV	4329443	4503486	63.58%	3.595%
61	8.663	1115	1118	1121	rVB3	1287413	1593209	22.49%	1.272%
62	8.698	1121	1124	1127	rBV	1621708	1693285	23.90%	1.352%
63	8.751	1131	1133	1136	rVV4	525755	755365	10.66%	0.603%
64	8.798	1139	1141	1144	rVV	1164086	1086420	15.34%	0.867%
65	8.851	1147	1150	1152	rBV3	1176383	1166646	16.47%	0.931%
66	8.881	1153	1155	1160	rVB4	1072114	1574170	22.22%	1.257%
67	8.934	1160	1164	1167	rBV2	1200851	1293710	18.26%	1.033%
68	8.975	1167	1171	1173	rVV2	838411	1031731	14.57%	0.824%
69	8.998	1173	1175	1179	rVV	2651023	2505708	35.37%	2.000%
70	9.063	1182	1186	1189	rVB	1908987	2082809	29.40%	1.663%
71	9.145	1194	1200	1203	rBV	4312882	5926046	83.66%	4.730%

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72	9.175	1203	1205	1208	rVB2	834773	777320	10.97%	0.620%
73	9.257	1216	1219	1224	rBV2	792679	849813	12.00%	0.678%
74	9.328	1228	1231	1234	rBV2	1763910	2251696	31.79%	1.797%
75	9.404	1239	1244	1247	rVV4	1711449	2931728	41.39%	2.340%
76	9.439	1247	1250	1251	rVV2	1936921	2228365	31.46%	1.779%
77	9.457	1251	1253	1255	rVV	3016954	2631023	37.14%	2.100%
78	9.481	1255	1257	1260	rVB2	901544	855611	12.08%	0.683%
79	9.516	1261	1263	1265	rBV	1214735	946079	13.36%	0.755%
80	9.598	1274	1277	1281	rBV3	1192248	1488227	21.01%	1.188%
81	9.639	1281	1284	1286	rBV2	1425977	1246206	17.59%	0.995%
82	9.675	1286	1290	1293	rBV	4158345	4336391	61.22%	3.461%
83	9.710	1293	1296	1298	rBV3	904027	1147643	16.20%	0.916%
84	9.775	1304	1307	1310	rVB4	735594	677093	9.56%	0.540%
85	9.845	1316	1319	1323	rBV2	1139147	1487538	21.00%	1.187%
86	9.892	1324	1327	1330	rBV4	913757	1285906	18.15%	1.026%
87	9.928	1330	1333	1334	rVV2	999323	990615	13.98%	0.791%
88	9.945	1334	1336	1340	rVB3	1428641	1634061	23.07%	1.304%
89	9.986	1340	1343	1347	rBV2	2355313	2604184	36.76%	2.079%
90	10.057	1352	1355	1358	rBV	1249080	1550007	21.88%	1.237%
91	10.092	1358	1361	1366	rVB3	1055513	1599325	22.58%	1.277%
92	10.139	1366	1369	1370	rBV2	937946	839791	11.86%	0.670%
93	10.175	1371	1375	1377	rVB	3138357	3252151	45.91%	2.596%
94	10.386	1407	1411	1417	rVB2	2327392	3466835	48.94%	2.767%
95	10.504	1429	1431	1434	rVB2	928088	784316	11.07%	0.626%
96	10.663	1451	1458	1464	rVB2	3481784	7083479	100.00%	5.654%
97	11.098	1529	1532	1534	rBV	1834135	1864413	26.32%	1.488%
98	11.128	1534	1537	1543	rVB2	2264657	2679117	37.82%	2.139%
99	11.263	1558	1560	1566	rVB	1236275	1303287	18.40%	1.040%

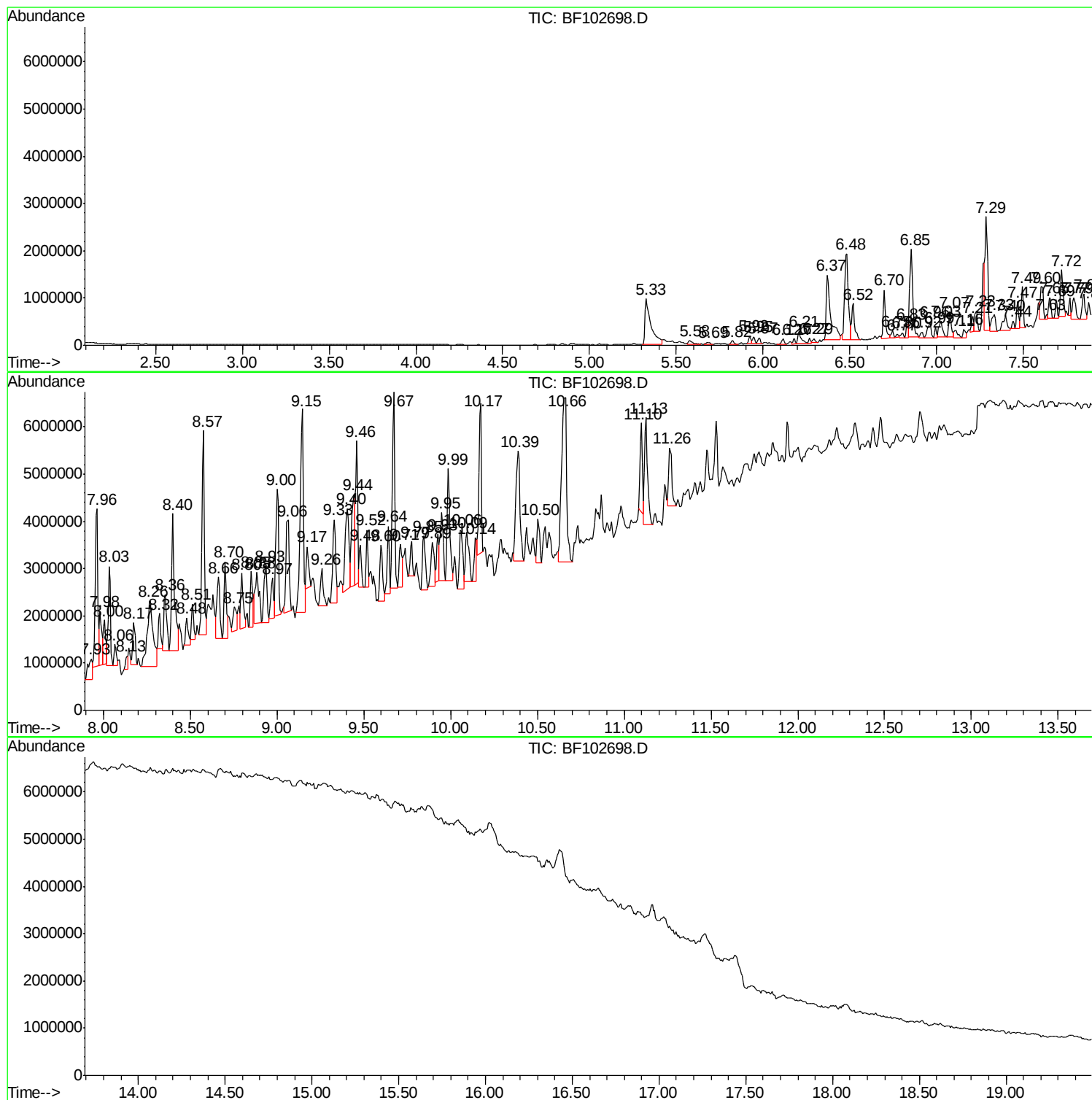
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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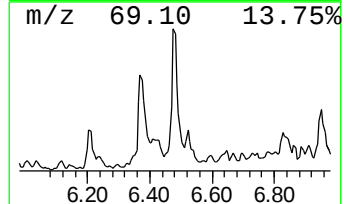
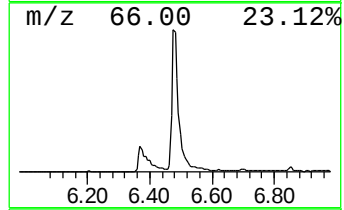
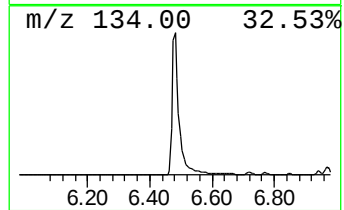
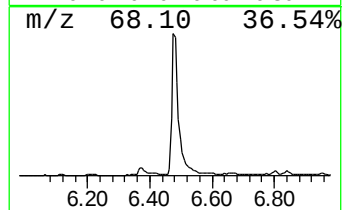
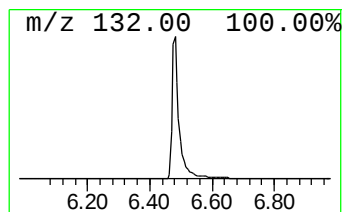
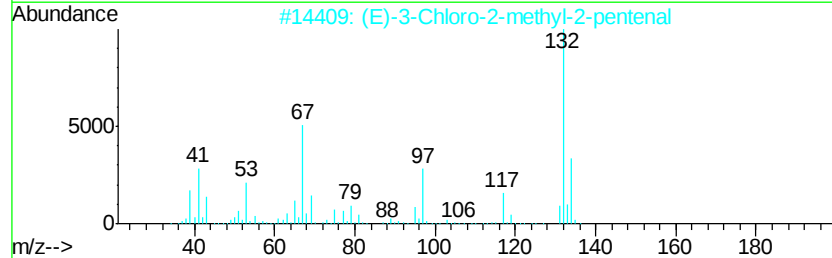
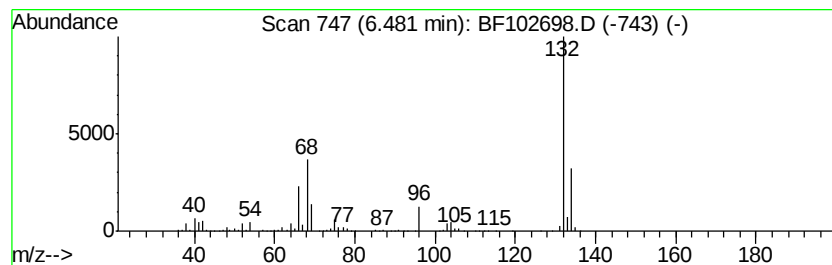
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	49.35 ng	2517860	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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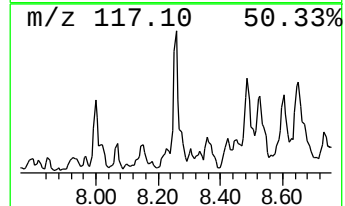
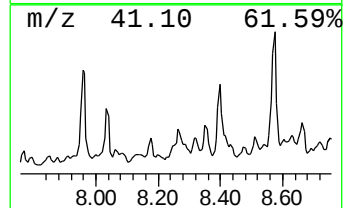
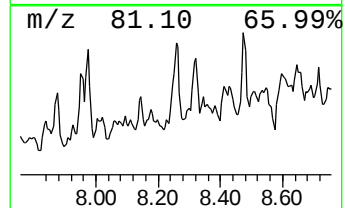
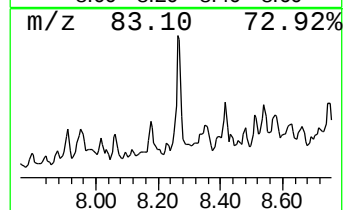
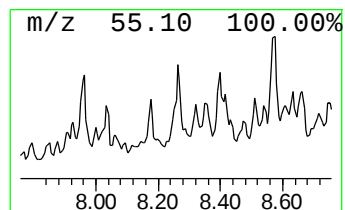
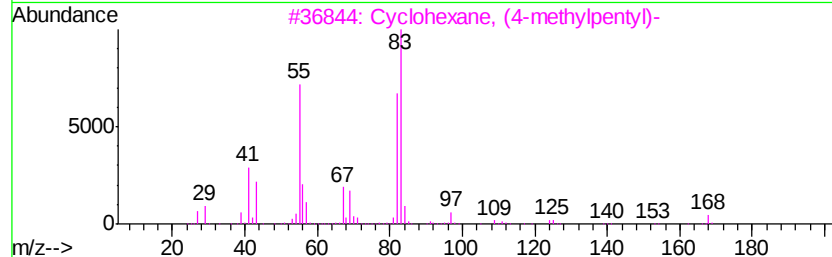
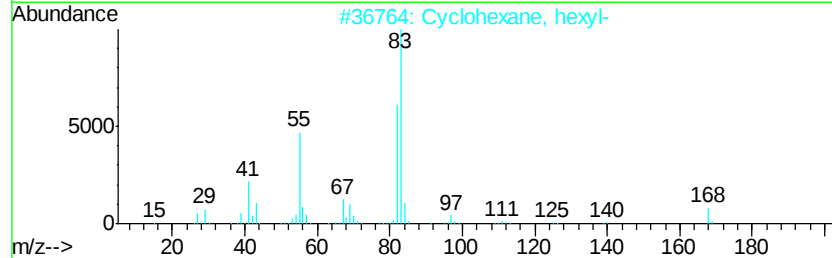
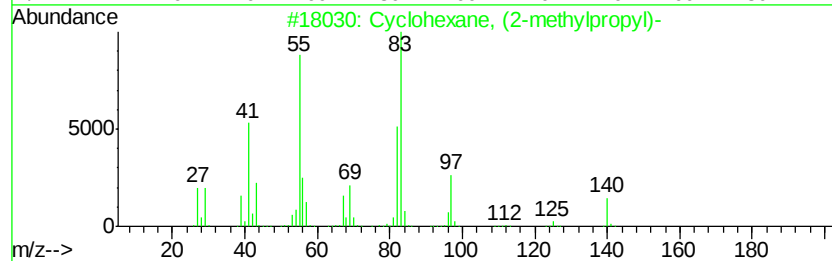
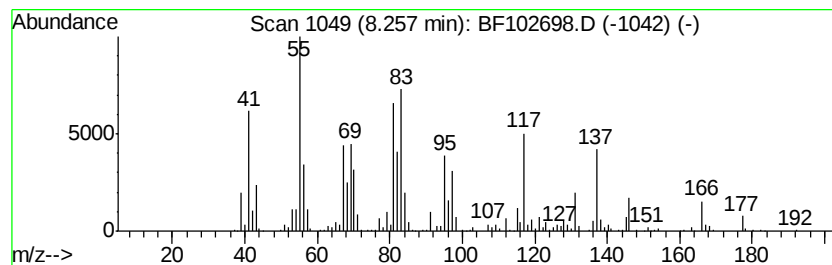
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Peak Number 3 unknown8.26 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	76.14 ng	3476530	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
5		Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43



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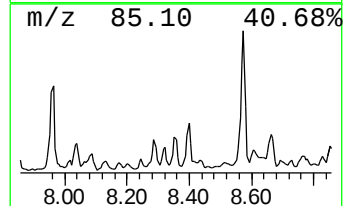
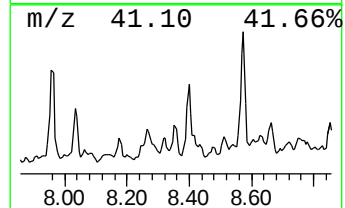
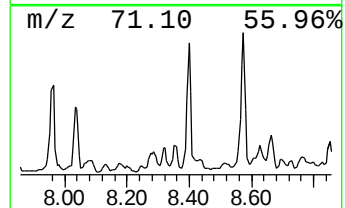
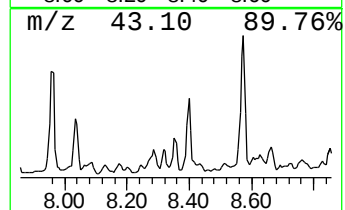
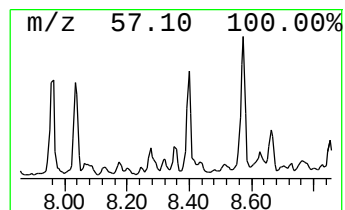
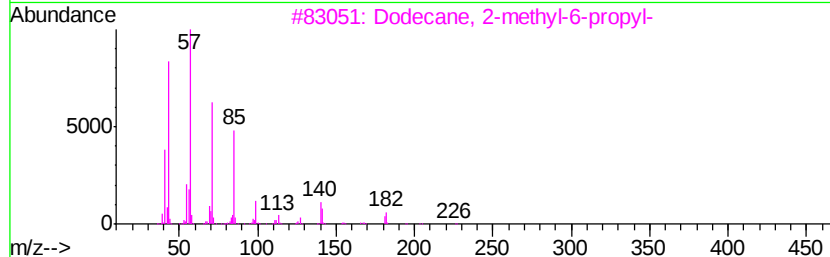
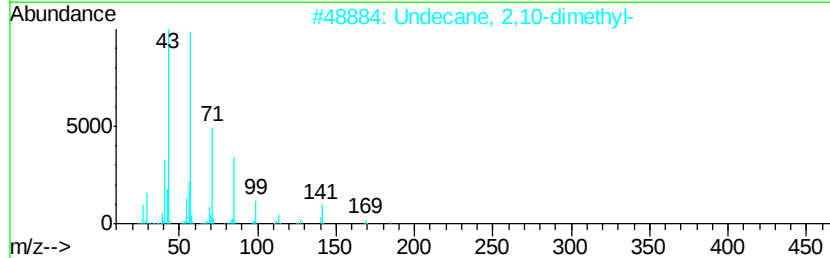
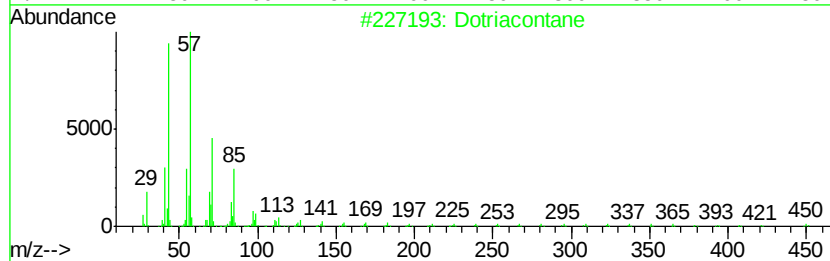
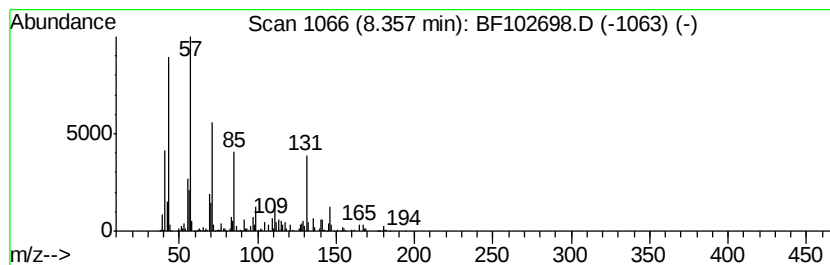
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Peak Number 4 Dotriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	29.34 ng	1339580	Naphthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	52
2		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	52
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52
4		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	52
5		Octadecane	254	C18H38	000593-45-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-05(CB#1-LINE@5)

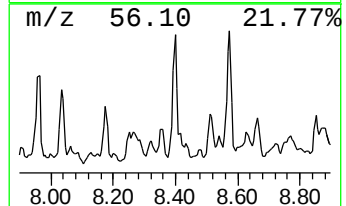
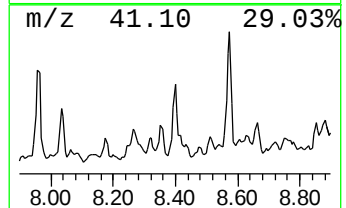
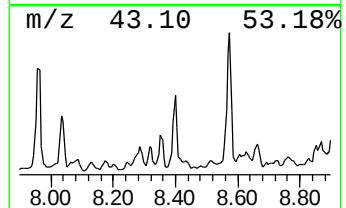
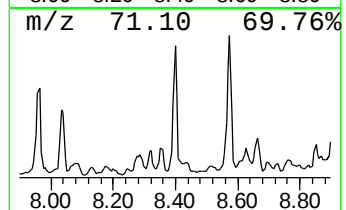
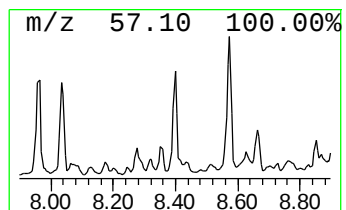
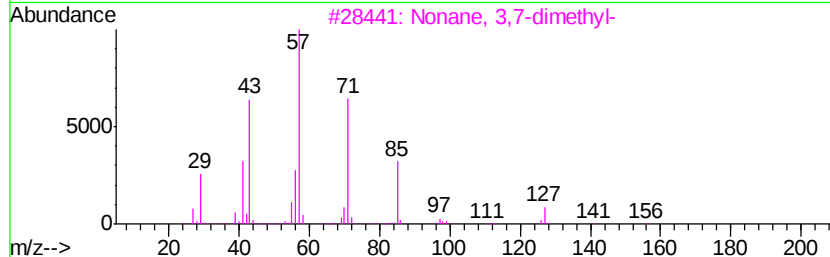
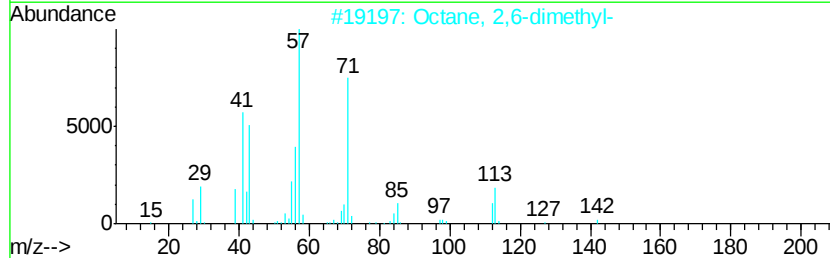
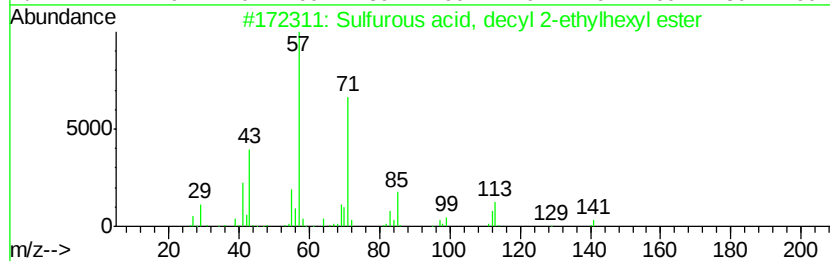
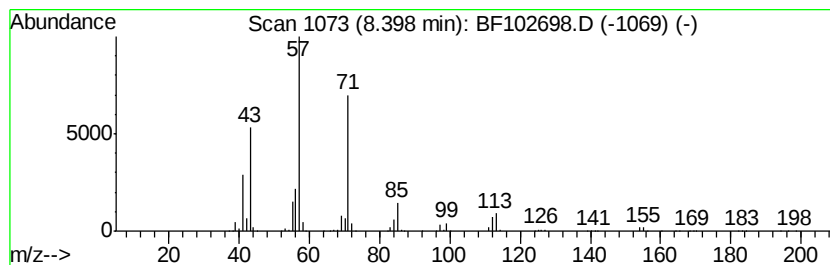
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Sulfurous acid, decyl 2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	78.83 ng	3599530	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-05(CB#1-LINE@5)

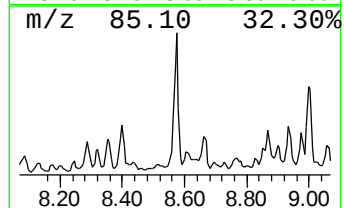
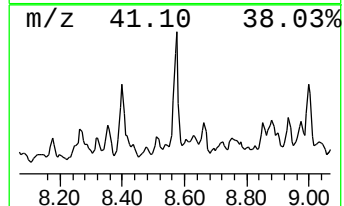
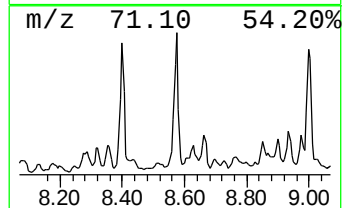
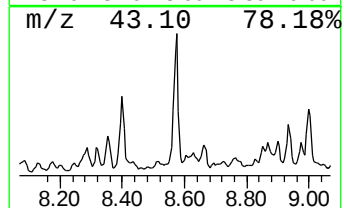
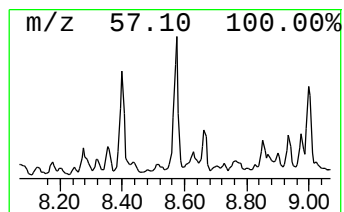
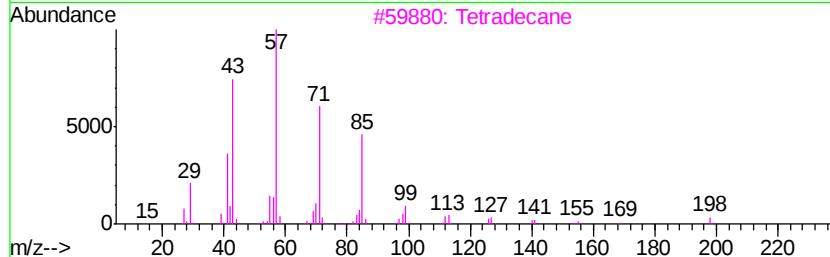
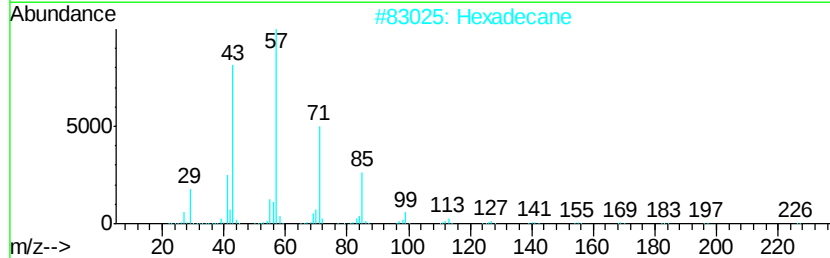
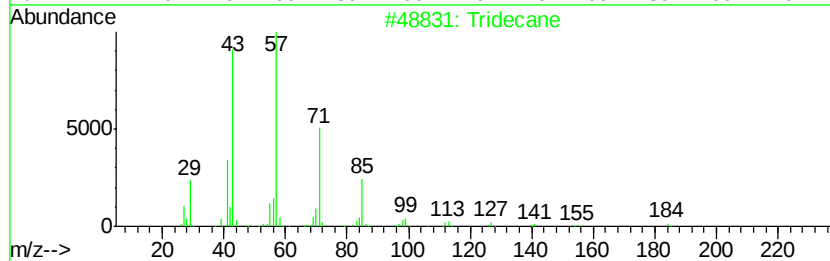
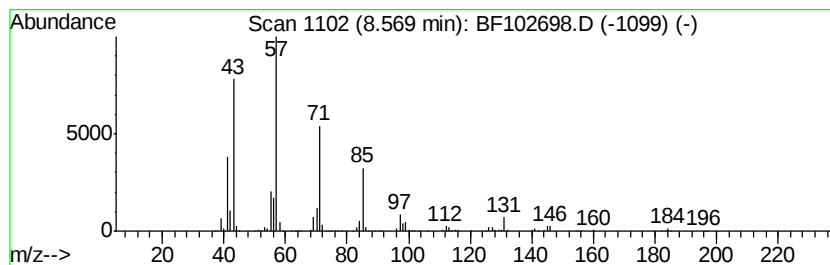
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	98.63 ng	4503490	Napthalene-d8	7.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-05(CB#1-LINE@5)

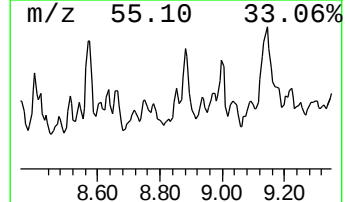
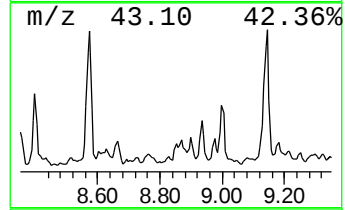
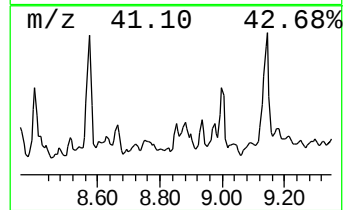
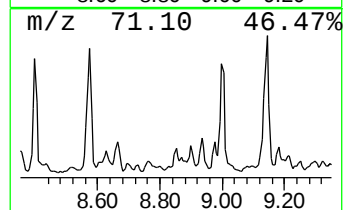
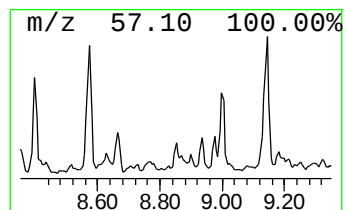
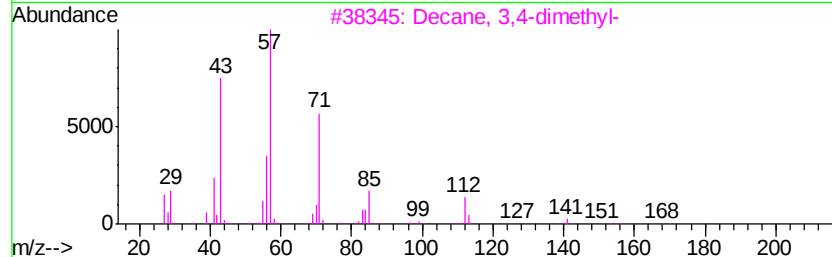
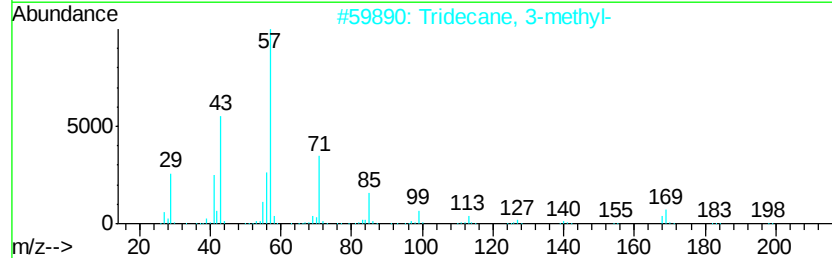
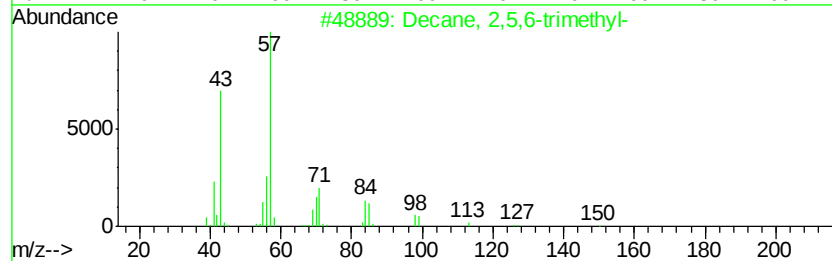
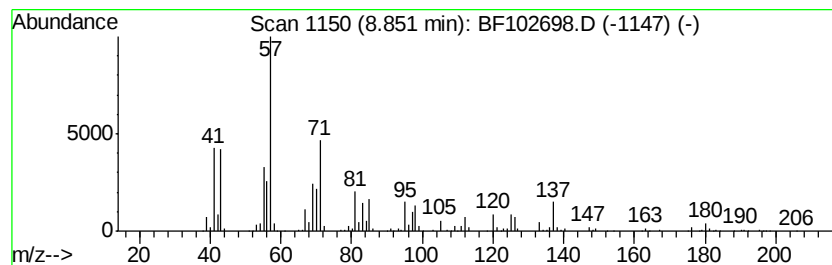
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2,5,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	25.55 ng	1166650	Napthalene-d8	7.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	49
3		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	47
4		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	47
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

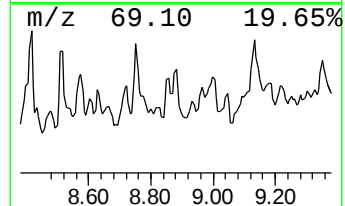
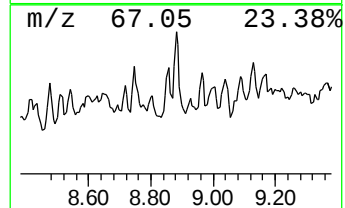
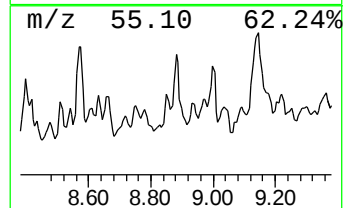
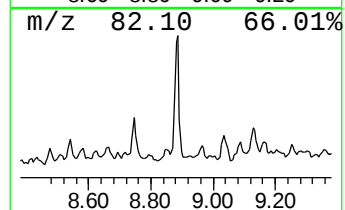
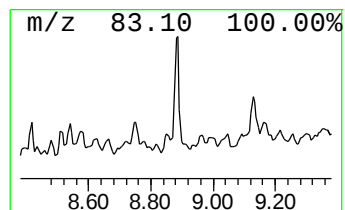
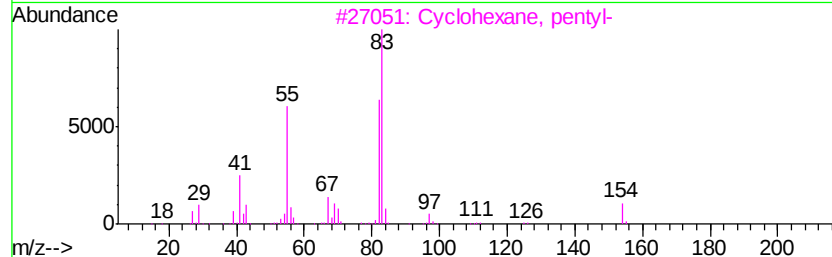
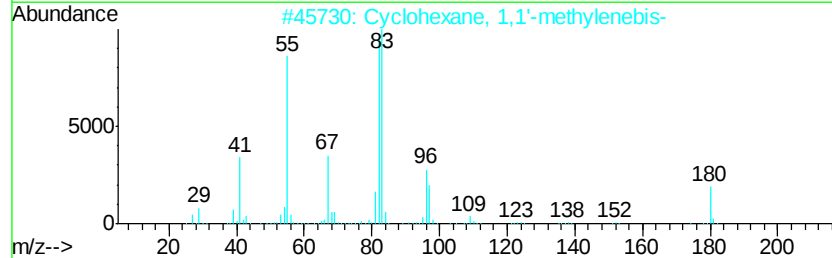
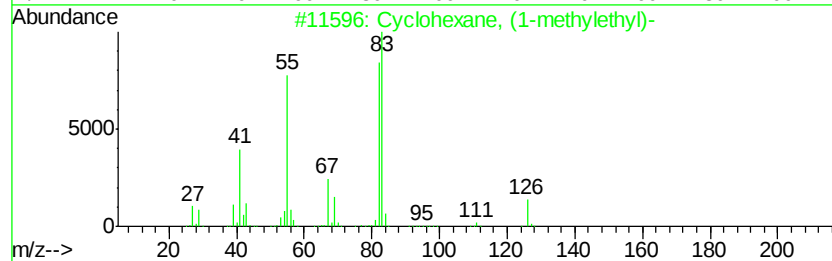
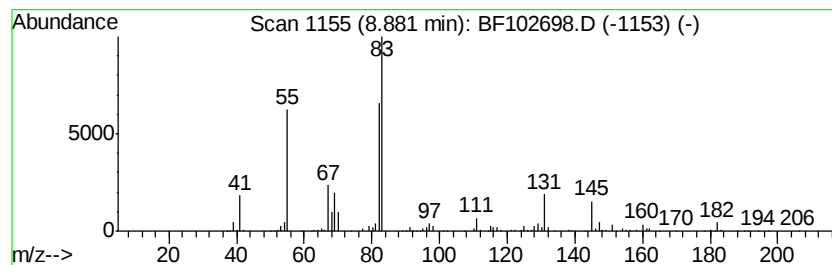
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	27.43 ng	1574170	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
2		Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	59
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4		Heptylcyclohexane	182	C13H26	005617-41-4	50
5		1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
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ClientSampleId :
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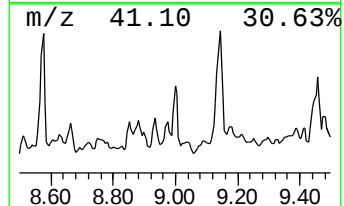
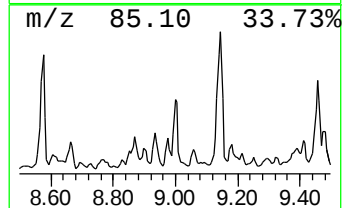
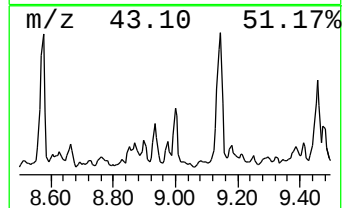
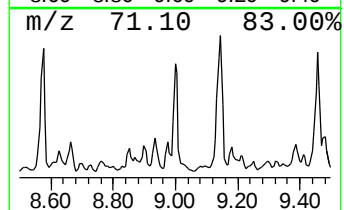
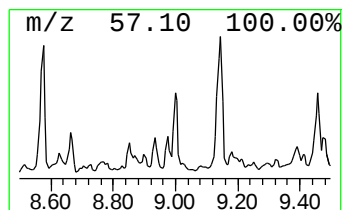
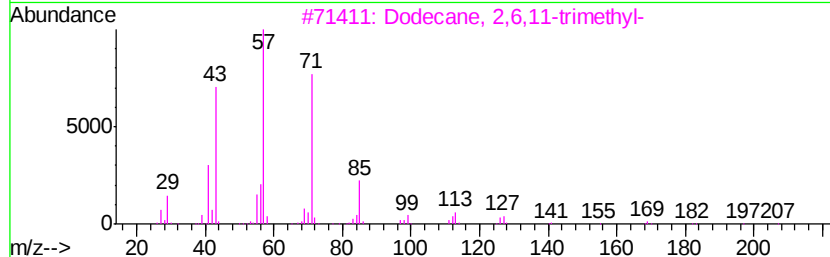
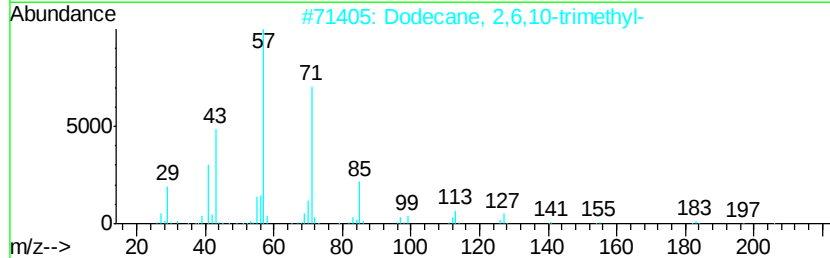
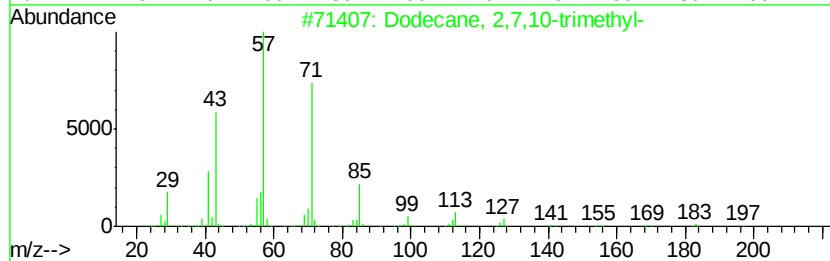
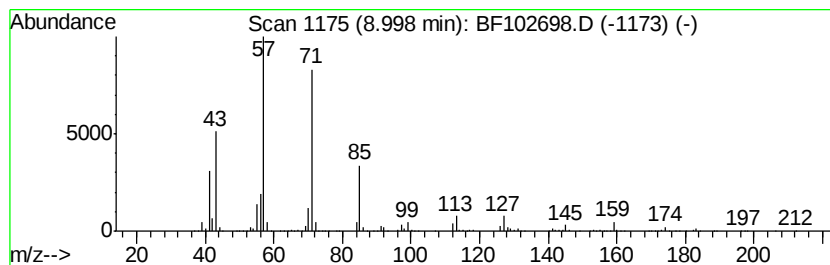
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	43.67 ng	2505710	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
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Acq On : 1 Feb 2018 20:42
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

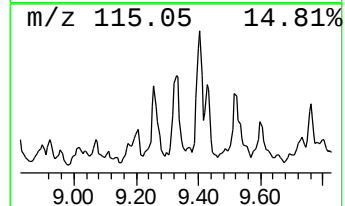
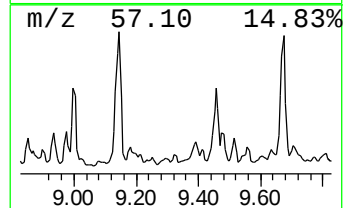
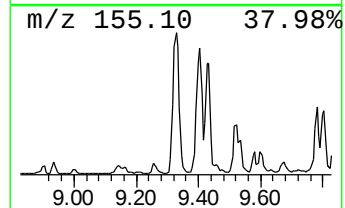
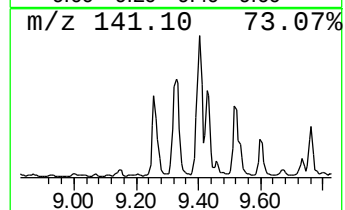
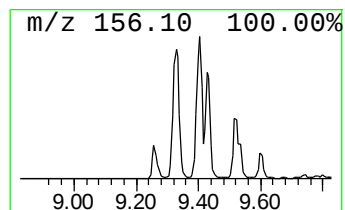
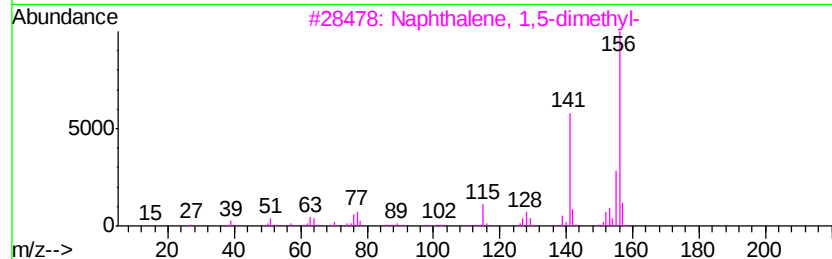
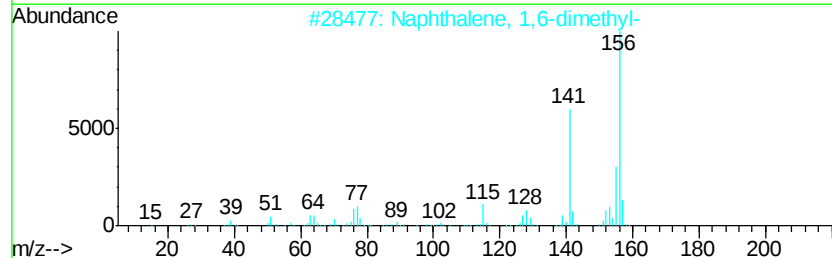
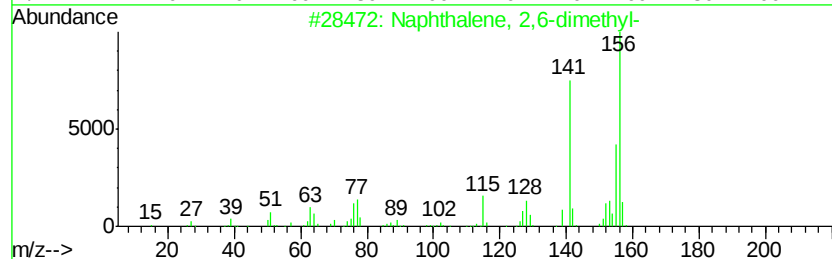
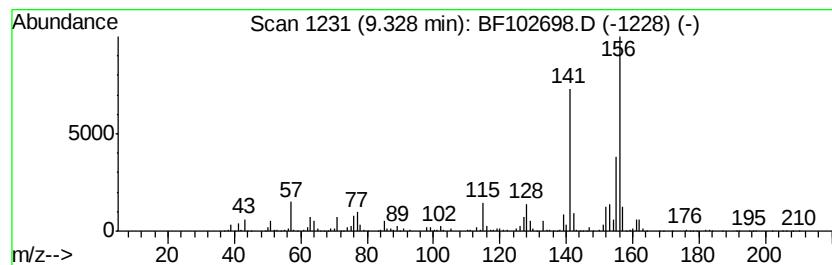
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	39.24 ng	2251700	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
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Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

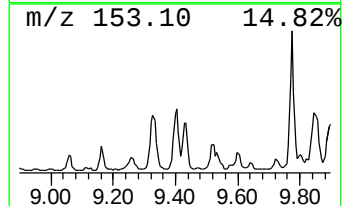
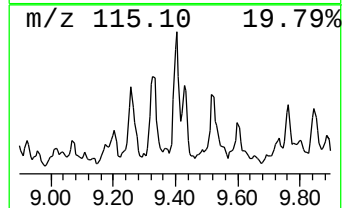
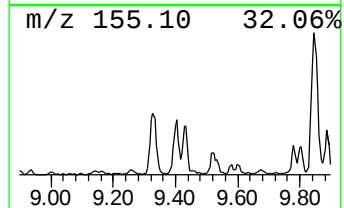
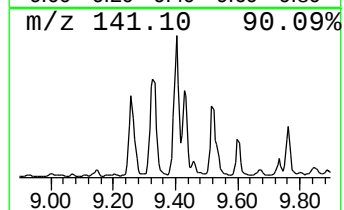
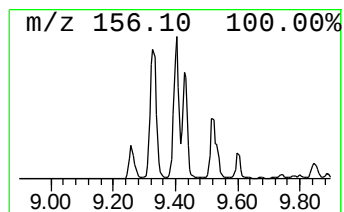
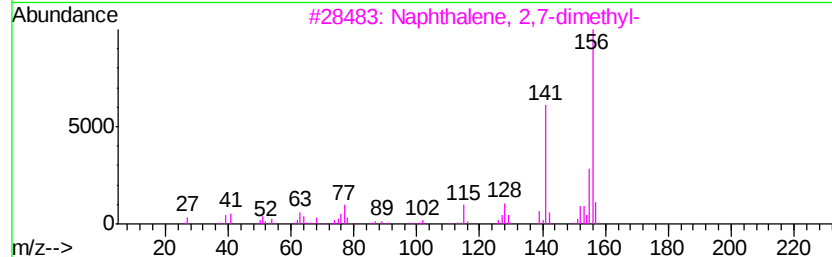
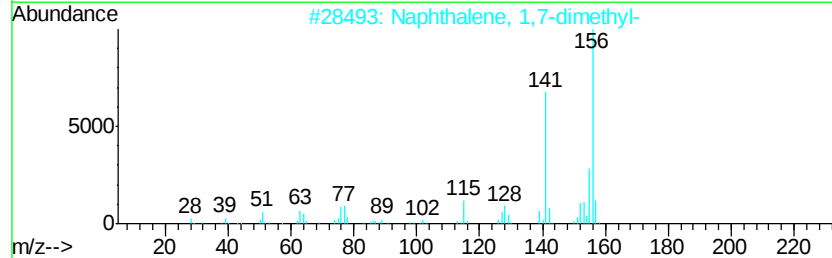
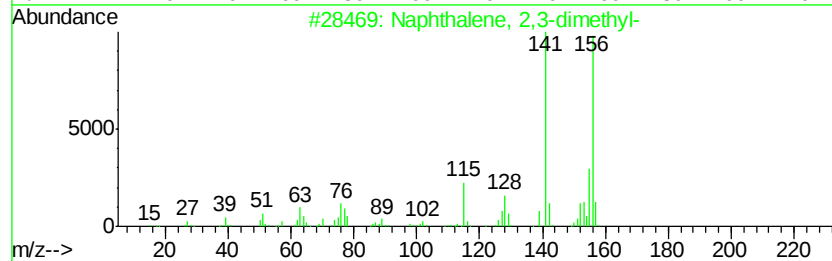
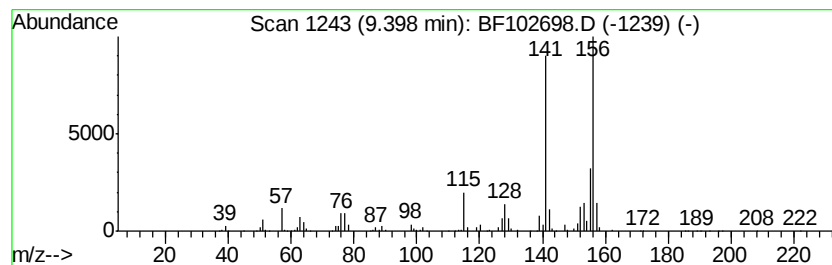
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	51.09 ng	2931730	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	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 : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-05(CB#1-LINE@5)

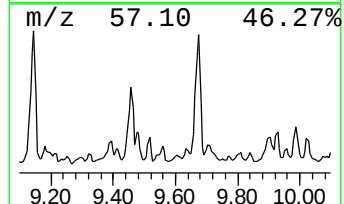
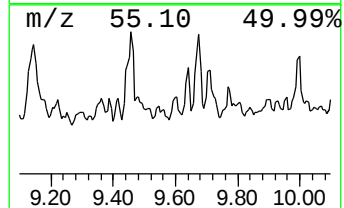
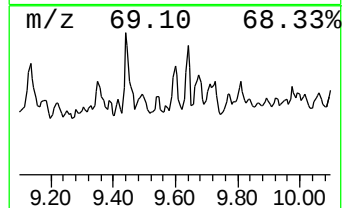
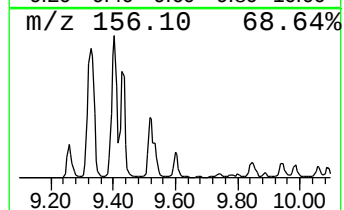
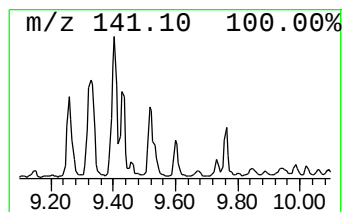
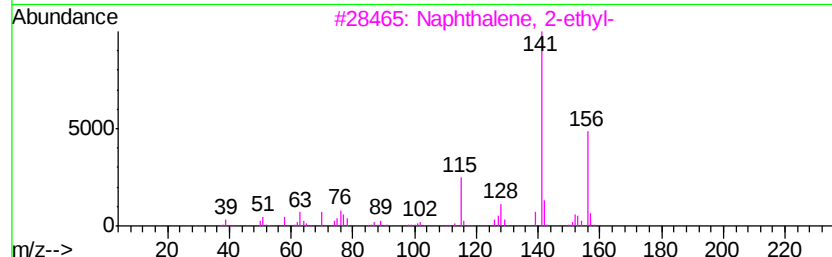
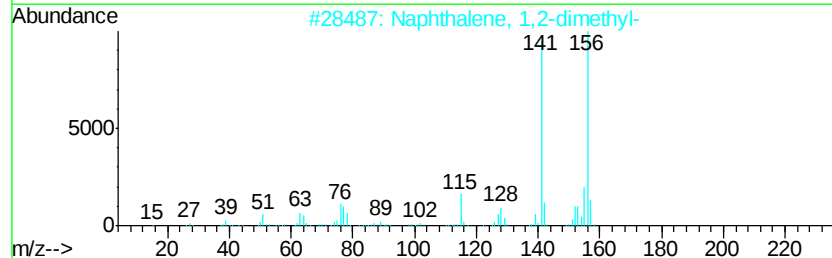
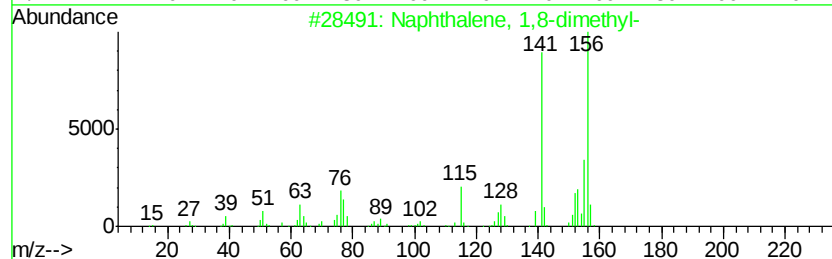
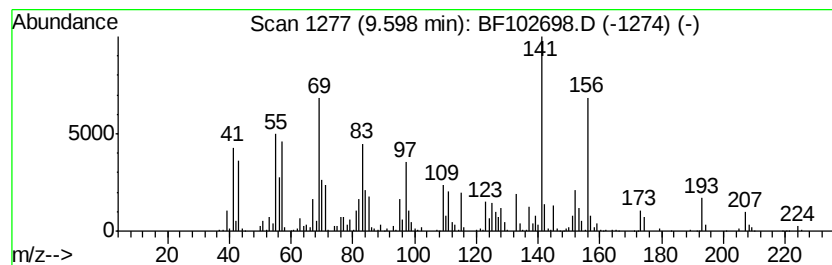
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,8-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	25.94 ng	1488230	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	81
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	81
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	80
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	59
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

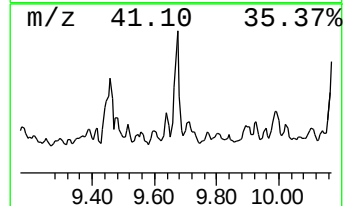
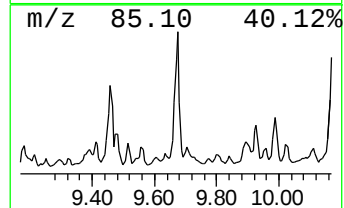
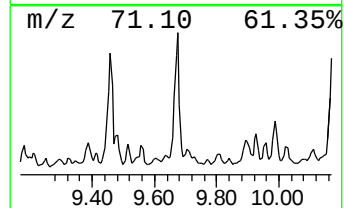
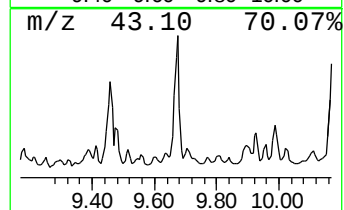
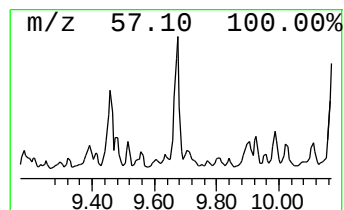
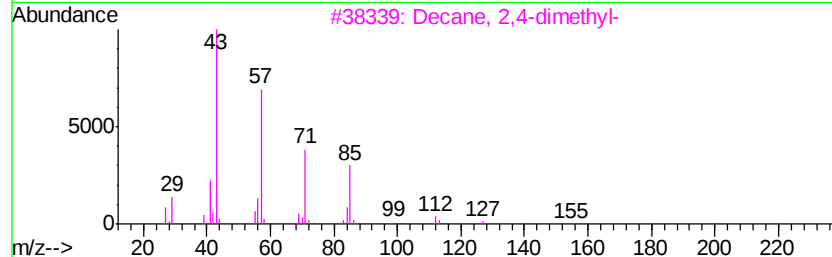
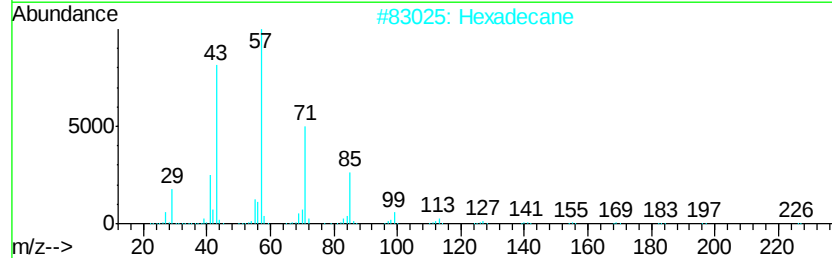
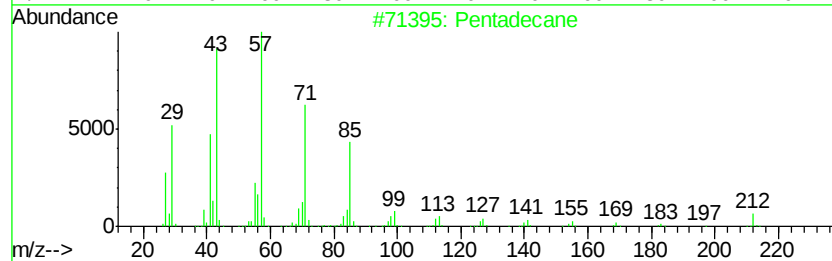
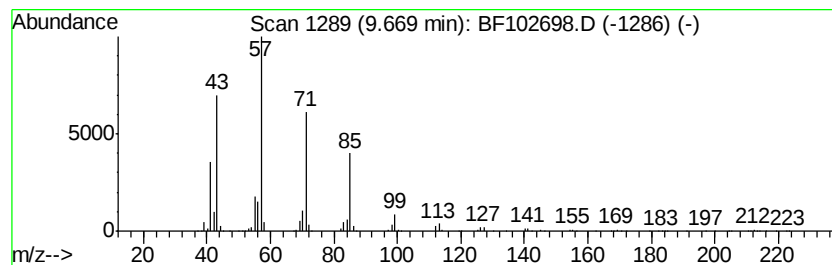
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	75.57 ng	4336390	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	64
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	62
5		Tetradecane	198	C14H30	000629-59-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

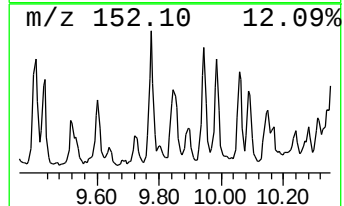
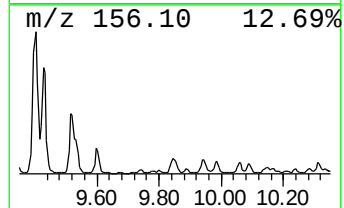
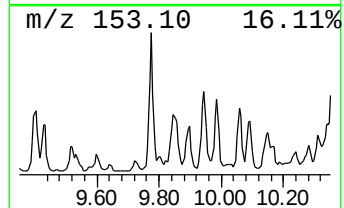
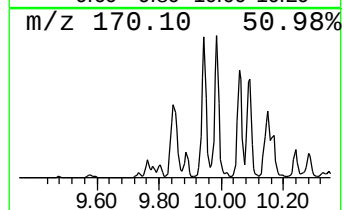
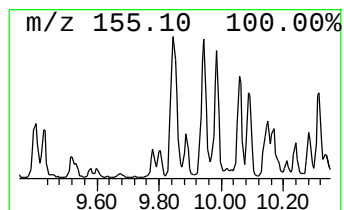
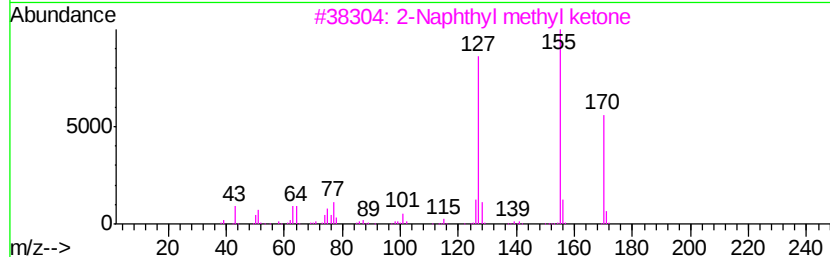
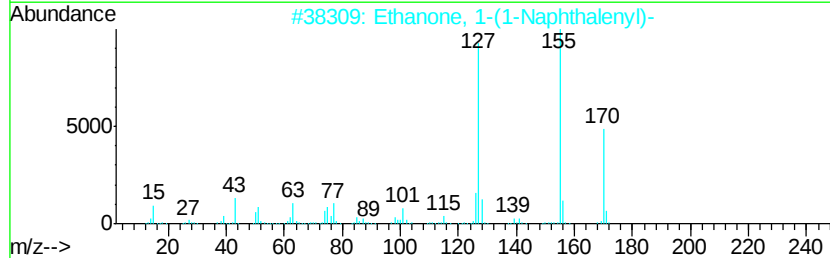
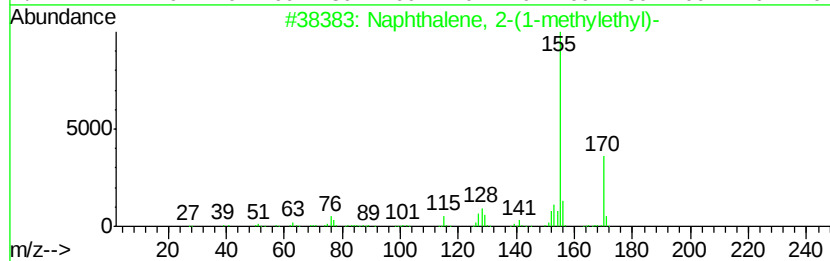
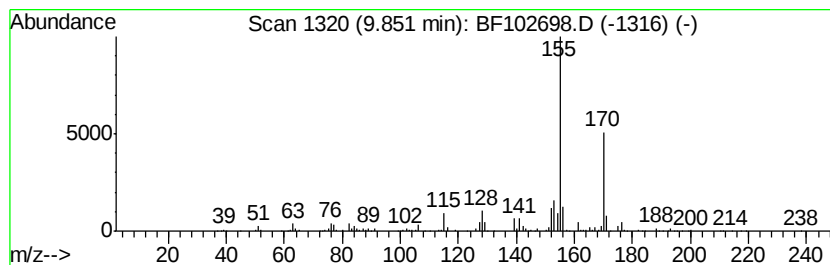
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	25.92 ng	1487540	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	58
5		Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

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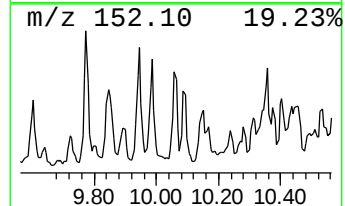
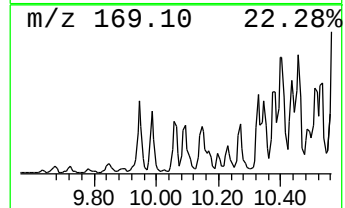
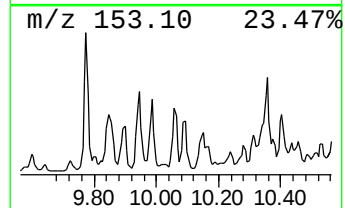
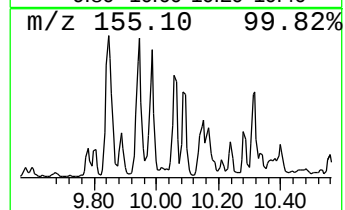
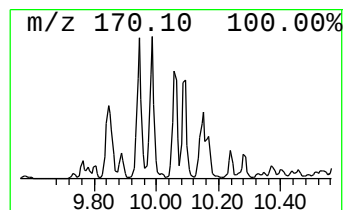
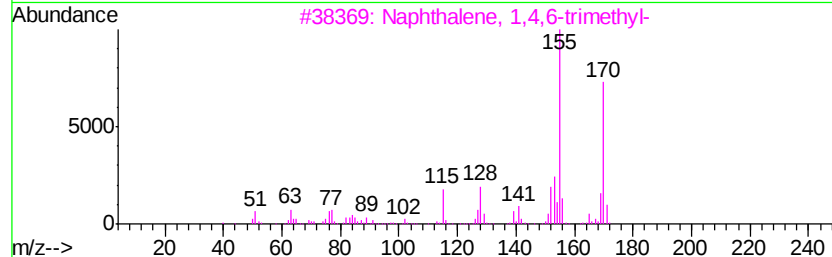
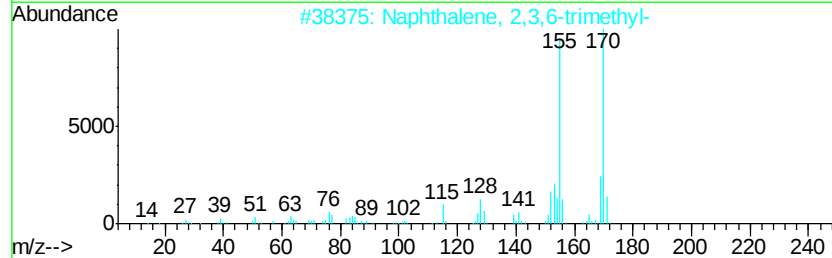
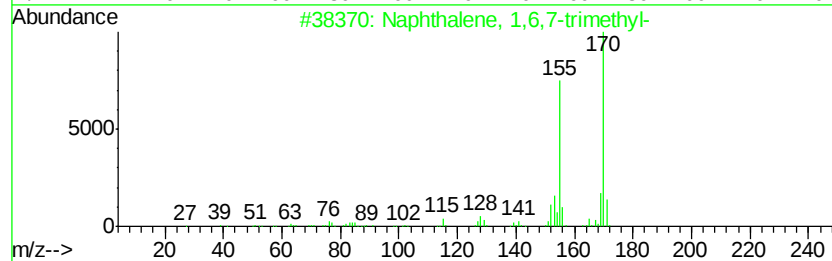
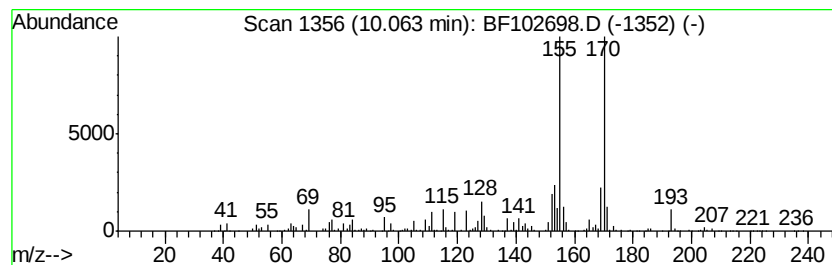
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	27.01 ng	1550010	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

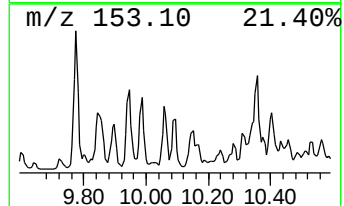
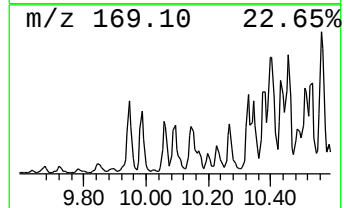
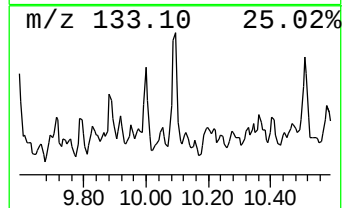
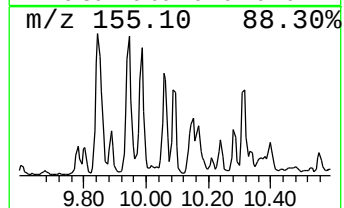
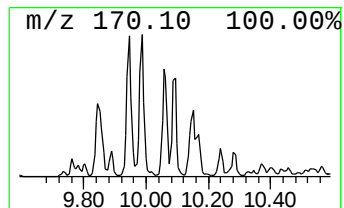
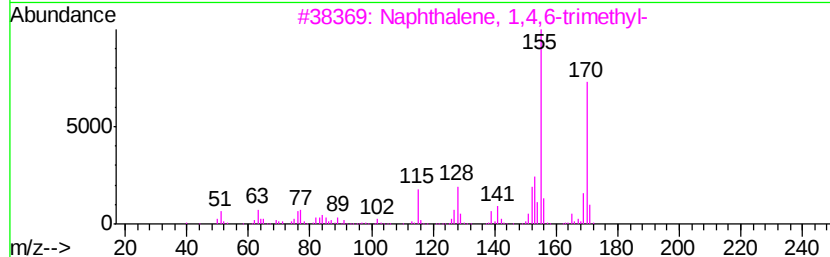
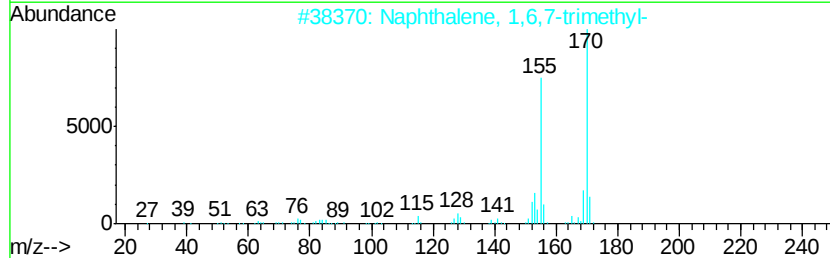
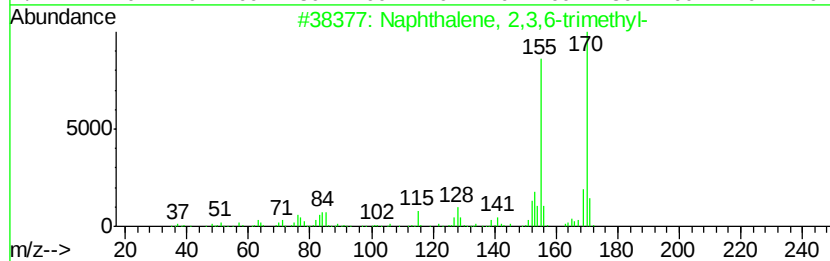
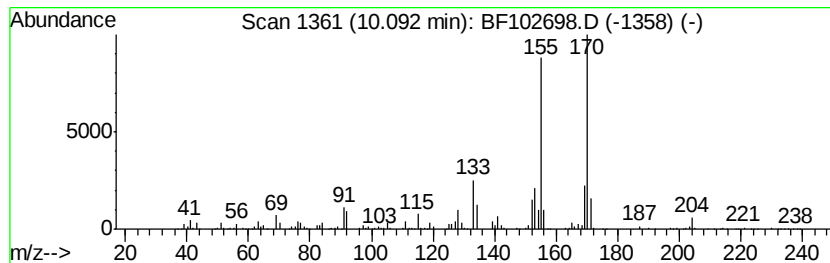
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	27.87 ng	1599330	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
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ALS Vial : 15 Sample Multiplier: 1

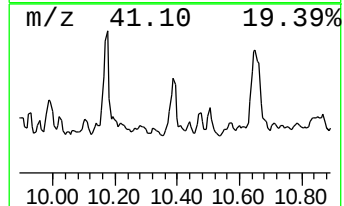
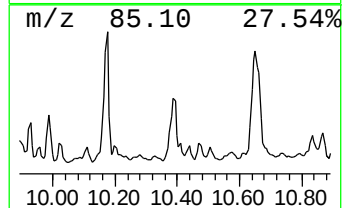
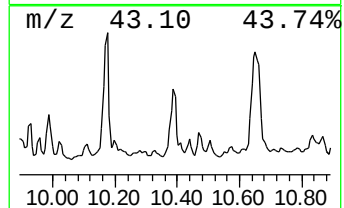
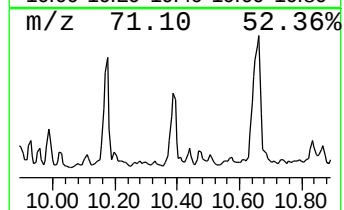
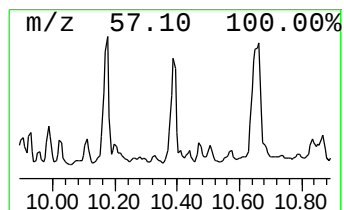
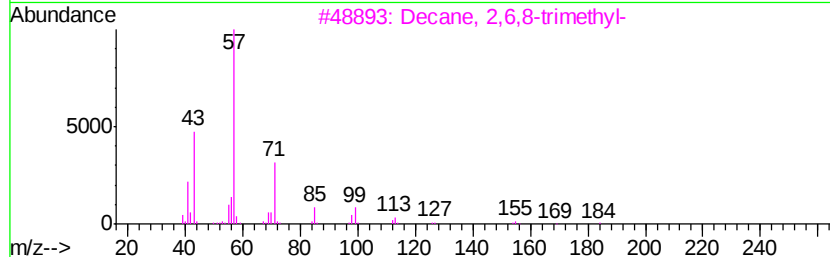
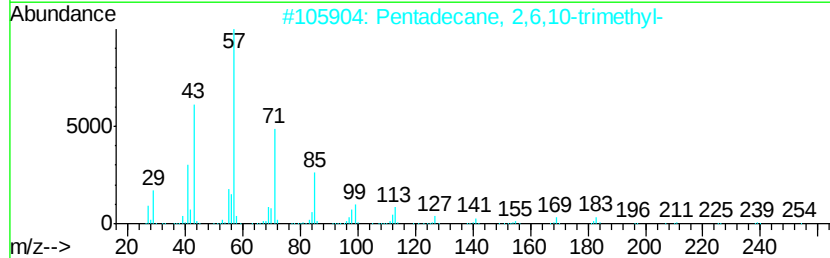
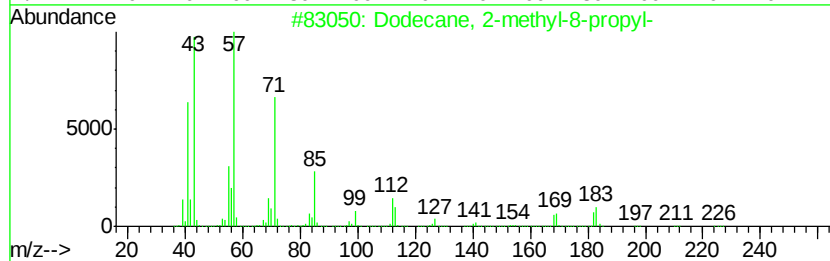
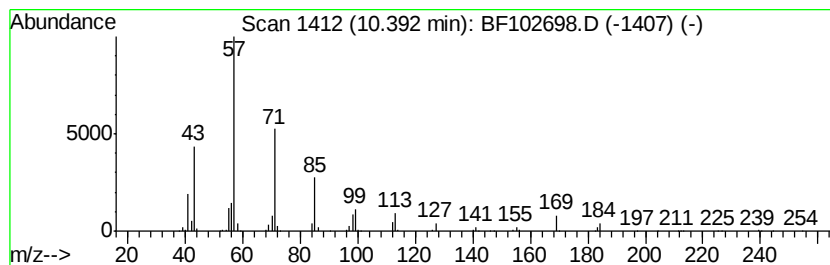
Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

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 Dodecane, 2-methyl-8-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.39	60.42 ng	3466840	Acenaphthene-d10	9.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
Data File : BF102698.D
Acq On : 1 Feb 2018 20:42
Operator : SJ/JU
Sample : J1405-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-05(CB#1-LINE@5)

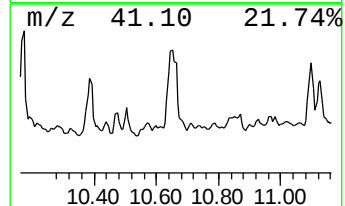
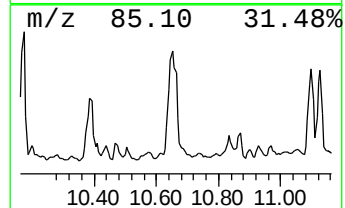
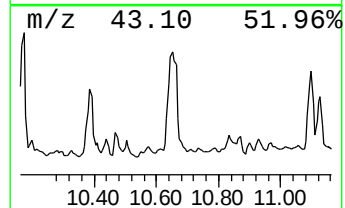
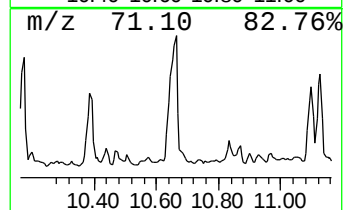
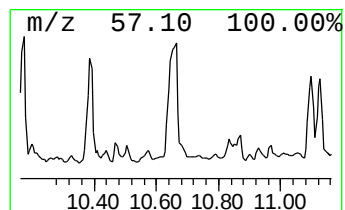
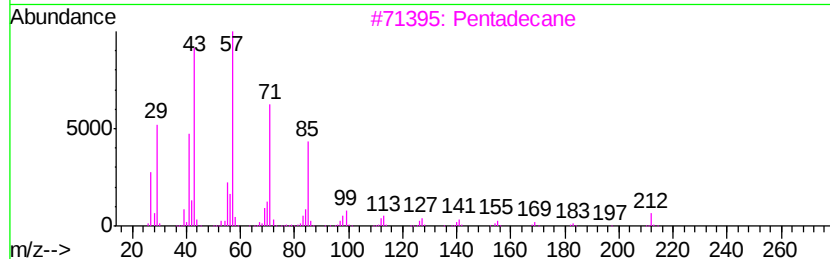
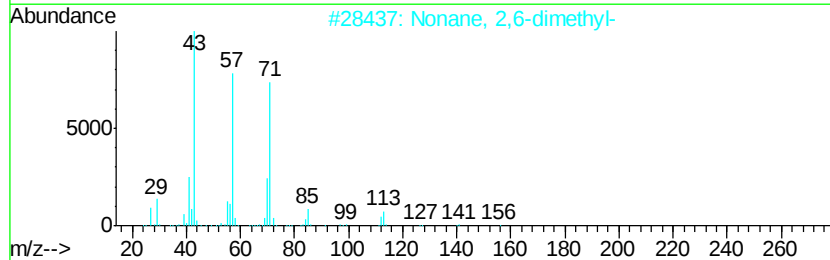
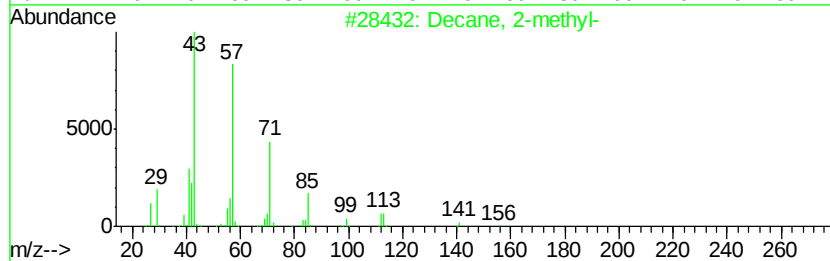
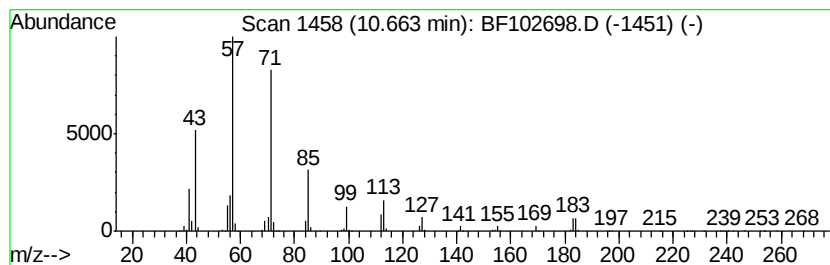
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Decane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	108.70 ng	7083480	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	80
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	68
3		Pentadecane	212	C15H32	000629-62-9	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020118\
 Data File : BF102698.D
 Acq On : 1 Feb 2018 20:42
 Operator : SJ/JU
 Sample : J1405-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-05(CB#1-LINE@5)

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
unknown6.49	6.48	49.4	ng	2517860	1	6.70	1020380	20.0
unknown8.26	8.26	76.1	ng	3476530	2	7.98	913244	20.0
Dotriacontane	8.36	29.3	ng	1339580	2	7.98	913244	20.0
Sulfurous acid, d...	8.40	78.8	ng	3599530	2	7.98	913244	20.0
Tridecane	8.57	98.6	ng	4503490	2	7.98	913244	20.0
Decane, 2,5,6-tri...	8.85	25.6	ng	1166650	2	7.98	913244	20.0
Cyclohexane, (1-m...	8.88	27.4	ng	1574170	3	9.74	1147640	20.0
Dodecane, 2,7,10-...	9.00	43.7	ng	2505710	3	9.74	1147640	20.0
Naphthalene, 2,6-...	9.33	39.2	ng	2251700	3	9.74	1147640	20.0
Naphthalene, 2,3-...	9.40	51.1	ng	2931730	3	9.74	1147640	20.0
Naphthalene, 1,8-...	9.60	25.9	ng	1488230	3	9.74	1147640	20.0
Pentadecane	9.67	75.6	ng	4336390	3	9.74	1147640	20.0
Naphthalene, 2-(1...	9.85	25.9	ng	1487540	3	9.74	1147640	20.0
Naphthalene, 1,6,...	10.06	27.0	ng	1550010	3	9.74	1147640	20.0
Naphthalene, 2,3,...	10.09	27.9	ng	1599330	3	9.74	1147640	20.0
Dodecane, 2-methy...	10.39	60.4	ng	3466840	3	9.74	1147640	20.0
Decane, 2-methyl-	10.66	108.7	ng	7083480	4	11.24	1303290	20.0