

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102181.D
 Acq On : 18 Jan 2018 6:22
 Operator : SJ/JU
 Sample : J1144-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

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-BF010918.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	3.316	190	209	216	rBV	382783	1011252	13.07%	0.534%
2	3.828	287	296	303	rVB	582182	1106909	14.31%	0.584%
3	3.987	312	323	328	rBV	538480	905256	11.70%	0.478%
4	4.840	464	468	477	rVB2	838399	1330978	17.20%	0.702%
5	5.116	510	515	518	rBV2	703785	887266	11.47%	0.468%
6	5.204	525	530	532	rBV	1060567	1095624	14.16%	0.578%
7	5.228	532	534	537	rVB	943044	809125	10.46%	0.427%
8	5.304	544	547	549	rBV	1390941	1479535	19.12%	0.781%
9	5.334	549	552	554	rVB	3385558	3258618	42.12%	1.719%
10	5.487	573	578	582	rBV3	529891	852527	11.02%	0.450%
11	5.581	588	594	600	rBV3	556093	1109191	14.34%	0.585%
12	5.734	615	620	624	rVB2	580498	912808	11.80%	0.482%
13	5.775	624	627	631	rBV2	576490	889568	11.50%	0.469%
14	5.869	635	643	648	rBV3	918348	1562575	20.20%	0.825%
15	5.963	656	659	662	rBV2	1695812	1826653	23.61%	0.964%
16	6.157	687	692	694	rBV	1220266	1575139	20.36%	0.831%
17	6.216	697	702	705	rVB3	1719833	2542666	32.86%	1.342%
18	6.251	705	708	710	rBV	1600482	1459714	18.87%	0.770%
19	6.310	715	718	721	rBV	1645407	1381017	17.85%	0.729%
20	6.363	721	727	730	rVB	3149629	3979920	51.44%	2.100%
21	6.463	739	744	745	rBV2	702157	948266	12.26%	0.500%
22	6.493	745	749	752	rVB	3438177	3601191	46.54%	1.900%
23	6.657	773	777	779	rBV4	703309	885518	11.44%	0.467%
24	6.722	783	788	789	rBV2	900859	1053434	13.62%	0.556%
25	6.740	789	791	794	rVB	2367639	1871711	24.19%	0.988%
26	6.781	794	798	801	rBV	840222	930068	12.02%	0.491%
27	6.875	810	814	817	rBV2	2831185	3317045	42.87%	1.750%
28	6.904	817	819	821	rVB	1217653	925214	11.96%	0.488%
29	6.975	824	831	833	rBV	1921495	2514249	32.50%	1.327%
30	6.998	833	835	838	rVB2	1577759	1576890	20.38%	0.832%
31	7.034	838	841	842	rBV	1342282	1369454	17.70%	0.723%
32	7.063	845	846	850	rVB3	996607	843610	10.90%	0.445%
33	7.116	850	855	858	rBV2	1892540	2073305	26.80%	1.094%
34	7.263	873	880	882	rBV2	3534781	4676265	60.44%	2.468%

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35	7.293	882	885	889	rVB3	2822031	3339286	43.16%	1.762%
36	7.369	893	898	901	rVB5	1578183	2340741	30.25%	1.235%
37	7.416	901	906	907	rBV4	833750	1201002	15.52%	0.634%
38	7.440	907	910	913	rVB3	819137	879391	11.37%	0.464%
39	7.498	913	920	923	rBV2	3001028	4058843	52.46%	2.142%
40	7.528	923	925	929	rVB2	1426438	1450536	18.75%	0.765%
41	7.616	936	940	941	rBV2	1486579	1787722	23.11%	0.943%
42	7.645	944	945	949	rVB4	1072761	1065413	13.77%	0.562%
43	7.692	949	953	956	rVB3	1666012	2367060	30.59%	1.249%
44	7.728	956	959	960	rBV	1218611	1060591	13.71%	0.560%
45	7.745	960	962	964	rVB2	1625894	1191814	15.40%	0.629%
46	7.769	964	966	970	rVB2	801810	883872	11.42%	0.466%
47	7.828	974	976	981	rVB4	1158960	1448067	18.72%	0.764%
48	7.881	981	985	988	rBV	1713165	1897530	24.52%	1.001%
49	8.004	1001	1006	1008	rBV3	1726485	2279958	29.47%	1.203%
50	8.028	1008	1010	1013	rVB3	1469449	1152848	14.90%	0.608%
51	8.057	1013	1015	1016	rBV	1507311	1126489	14.56%	0.594%
52	8.075	1016	1018	1020	rVB	2702697	2330086	30.12%	1.230%
53	8.098	1020	1022	1025	rVB	1362383	1087353	14.05%	0.574%
54	8.187	1030	1037	1038	rBV5	1075234	2225656	28.77%	1.174%
55	8.210	1038	1041	1044	rVB2	1919783	2101369	27.16%	1.109%
56	8.251	1044	1048	1050	rBV2	703860	1011675	13.08%	0.534%
57	8.287	1052	1054	1055	rBV	1439706	1118222	14.45%	0.590%
58	8.304	1055	1057	1060	rVB3	2044666	1782614	23.04%	0.941%
59	8.357	1064	1066	1069	rBV3	961453	920665	11.90%	0.486%
60	8.398	1069	1073	1075	rVB	1824581	1799907	23.26%	0.950%
61	8.440	1075	1080	1084	rBV2	3921244	5572062	72.02%	2.940%
62	8.475	1084	1086	1089	rVB3	1270175	1247776	16.13%	0.658%
63	8.516	1089	1093	1096	rBV3	1837233	2360495	30.51%	1.246%
64	8.557	1096	1100	1101	rBV3	653441	845467	10.93%	0.446%
65	8.604	1105	1108	1112	rBV5	1050512	1727348	22.33%	0.911%
66	8.669	1117	1119	1122	rVV2	1092107	1122412	14.51%	0.592%
67	8.704	1122	1125	1128	rVB4	2268529	2376613	30.72%	1.254%
68	8.763	1132	1135	1137	rBV2	728800	813512	10.51%	0.429%
69	8.922	1159	1162	1166	rVB4	1490413	1462665	18.90%	0.772%
70	9.045	1178	1183	1186	rBV2	3978094	4901133	63.34%	2.586%
71	9.092	1187	1191	1195	rVB2	2652343	2877313	37.19%	1.518%

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72	9.169	1201	1204	1206	rBV2	1454786	1854087	23.96%	0.978%
73	9.239	1214	1216	1219	rVB2	1009994	894964	11.57%	0.472%
74	9.363	1235	1237	1240	rVB4	1470709	1156019	14.94%	0.610%
75	9.410	1242	1245	1246	rVV2	710647	837056	10.82%	0.442%
76	9.428	1246	1248	1250	rVV	1702540	1644988	21.26%	0.868%
77	9.457	1250	1253	1255	rVV2	1859290	1920815	24.83%	1.014%
78	9.504	1255	1261	1263	rVV2	4364956	6533835	84.45%	3.448%
79	9.522	1263	1264	1266	rVV2	1248132	843125	10.90%	0.445%
80	9.551	1266	1269	1273	rVB4	1166858	1572363	20.32%	0.830%
81	9.634	1280	1283	1288	rBV2	1209587	1605694	20.75%	0.847%
82	9.681	1288	1291	1294	rVB2	1544163	1414287	18.28%	0.746%
83	9.745	1299	1302	1304	rBV3	1374343	1738888	22.47%	0.918%
84	9.881	1321	1325	1328	rVB2	1476854	1889339	24.42%	0.997%
85	9.969	1337	1340	1345	rVB3	2101653	2265209	29.28%	1.195%
86	10.016	1346	1348	1349	rBV	1343269	1067979	13.80%	0.564%
87	10.092	1357	1361	1363	rBV2	2079189	2788103	36.03%	1.471%
88	10.181	1373	1376	1377	rBV2	1156388	1066108	13.78%	0.563%
89	10.310	1395	1398	1400	rBV3	1516850	1722840	22.27%	0.909%
90	10.433	1412	1419	1421	rVV	3915657	5773551	74.62%	3.047%
91	10.475	1423	1426	1430	rVB4	1541960	2220636	28.70%	1.172%
92	10.539	1435	1437	1439	rVV2	1087850	809032	10.46%	0.427%
93	10.704	1459	1465	1470	rBV2	4685317	7737218	100.00%	4.083%
94	10.898	1495	1498	1503	rVB4	1639100	1807813	23.37%	0.954%
95	11.163	1538	1543	1548	rVB	4188433	5930670	76.65%	3.129%
96	11.257	1556	1559	1561	rBV2	1109317	1191189	15.40%	0.629%
97	11.504	1598	1601	1604	rVB2	1577985	1582309	20.45%	0.835%
98	12.233	1722	1725	1727	rBV	899959	849112	10.97%	0.448%
99	12.304	1734	1737	1740	rVB2	641681	811187	10.48%	0.428%
100	12.827	1821	1826	1829	rVB	2132740	2205558	28.51%	1.164%

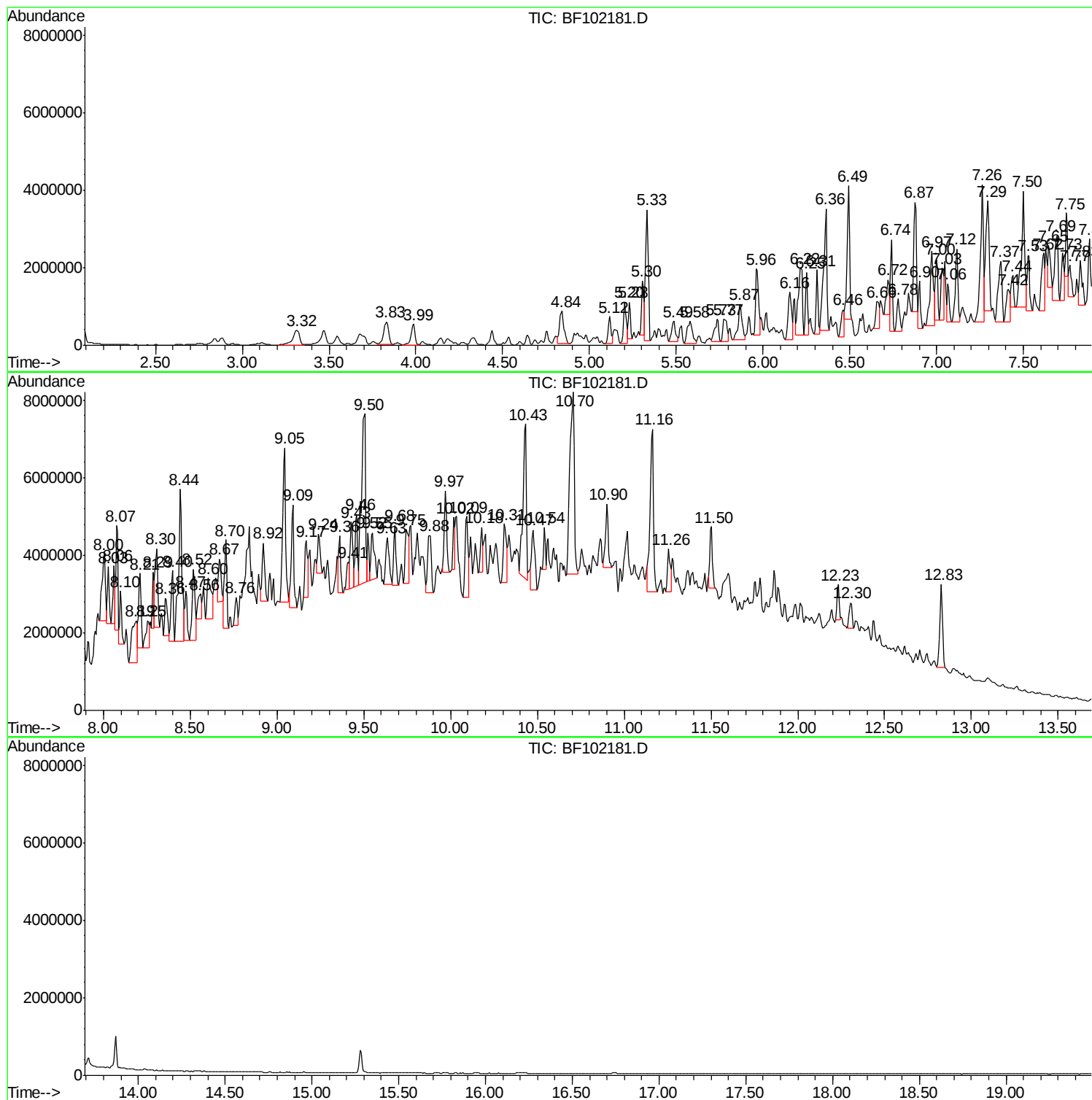
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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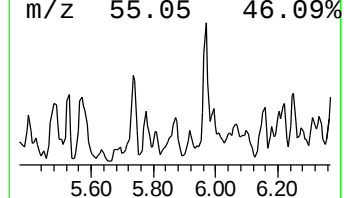
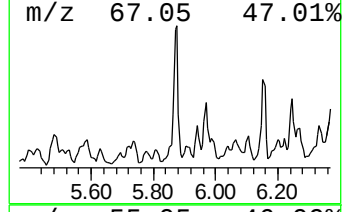
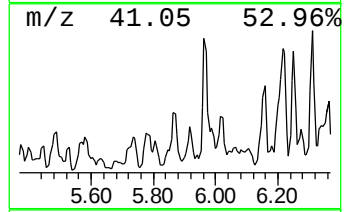
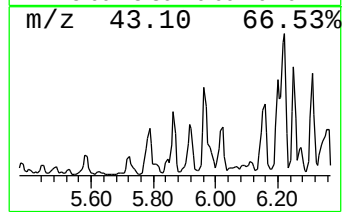
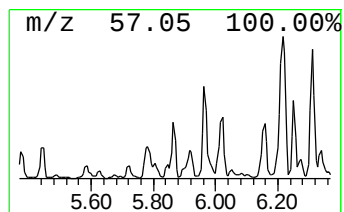
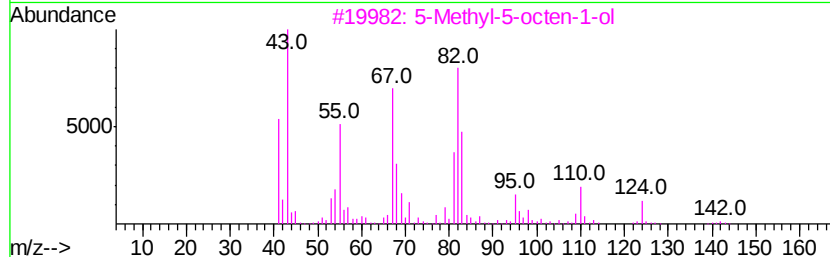
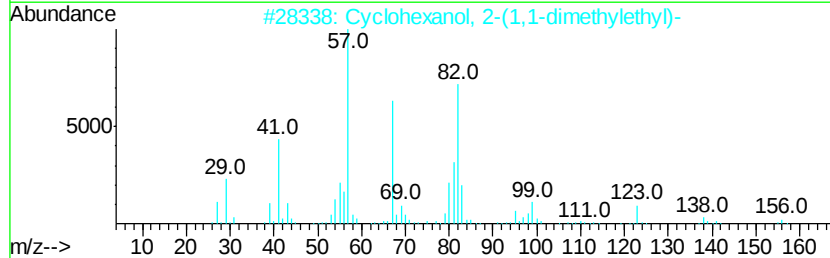
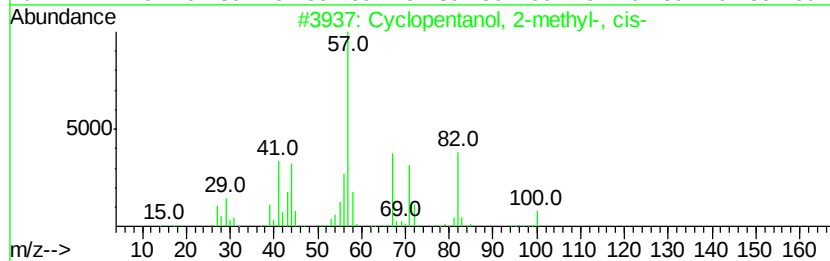
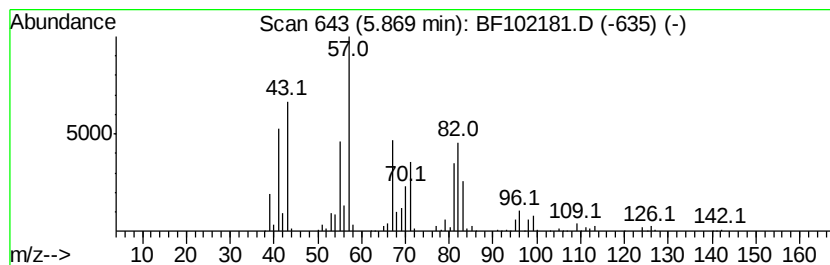
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentanol, 2-methyl-, cis- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	29.67 ng	1562580	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	50
2		Cyclohexanol, 2-(1,1-dimethylethyl)-	156	C10H20O	013491-79-7	47
3		5-Methyl-5-octen-1-ol	142	C9H18O	1000132-13-6	47
4		2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	43
5		cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	43



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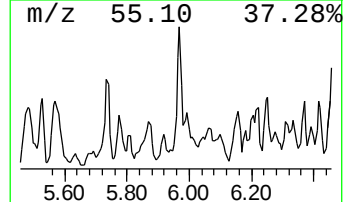
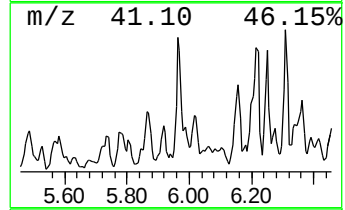
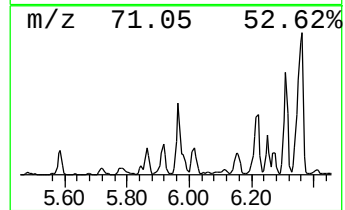
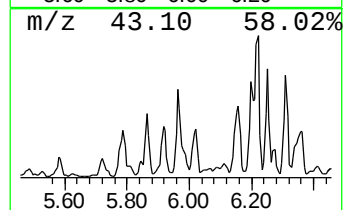
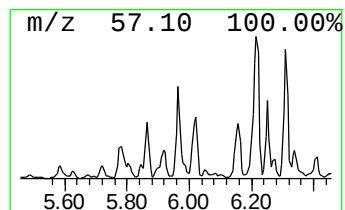
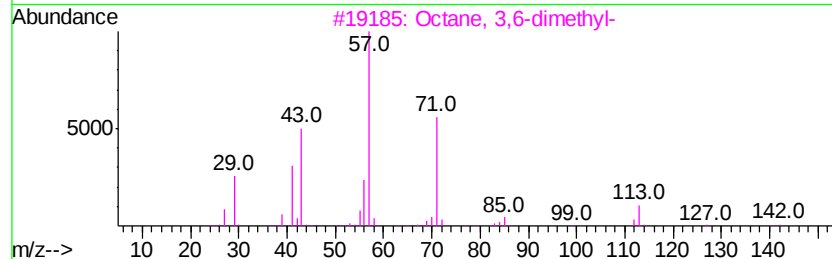
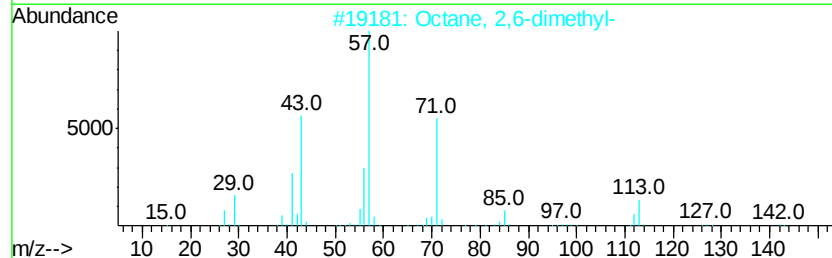
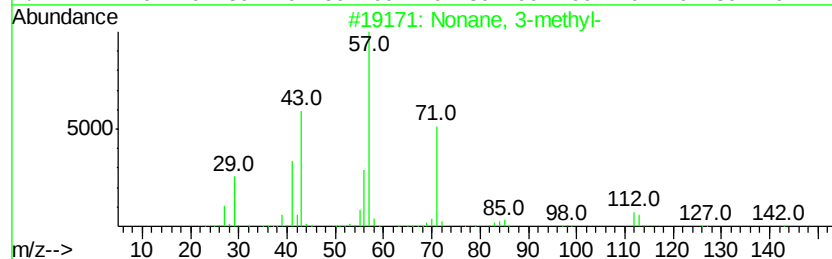
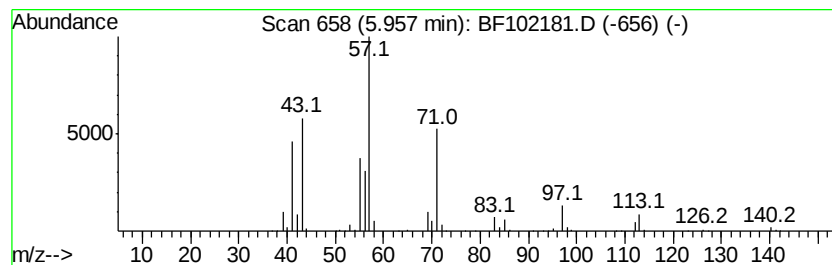
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	34.68 ng	1826650	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	70
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	50
5			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	47



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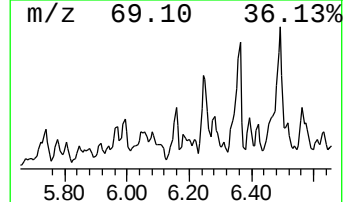
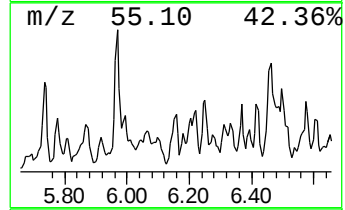
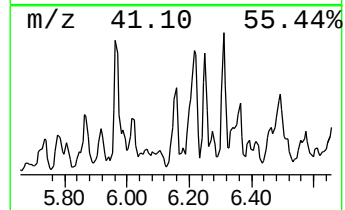
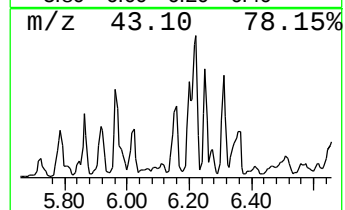
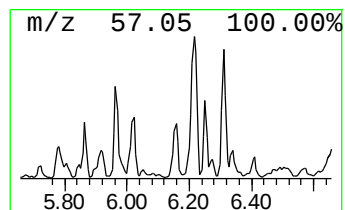
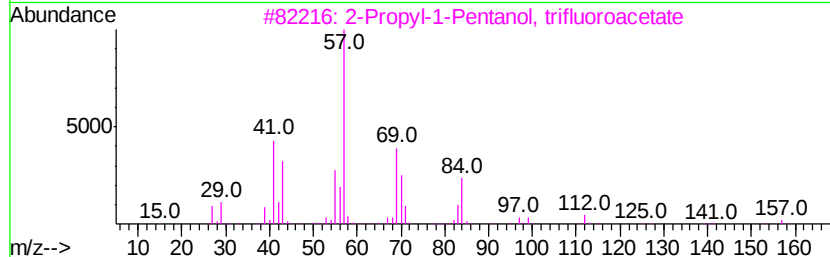
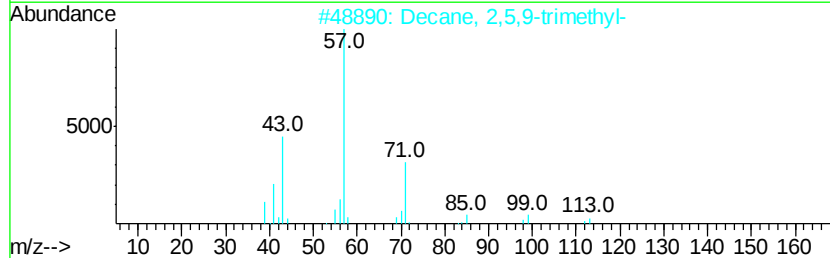
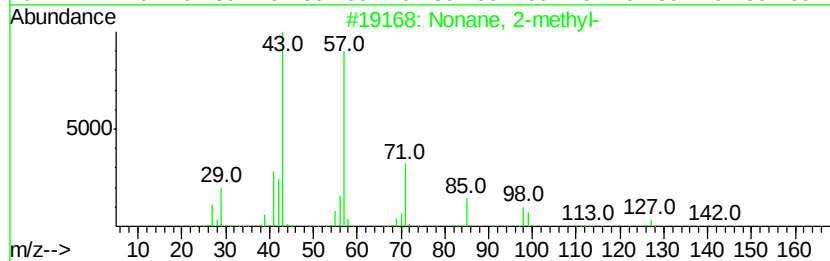
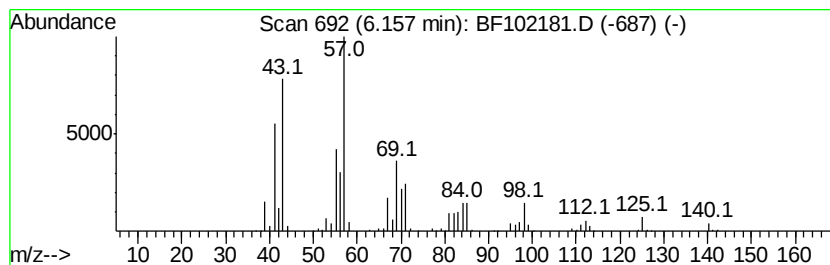
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Peak Number 3 unknown6.16 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	29.90 ng	1575140	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	49
2		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43
3		2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	43
4		Carbonic acid, butyl heptyl ester	216	C12H24O3	1000314-63-4	43
5		trans-3-Decene	140	C10H20	019150-21-1	38



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2

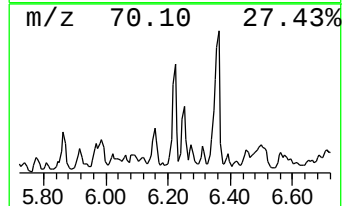
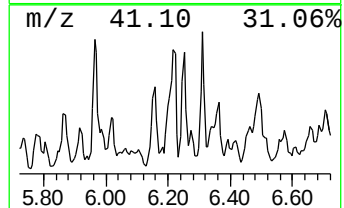
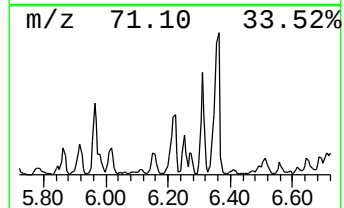
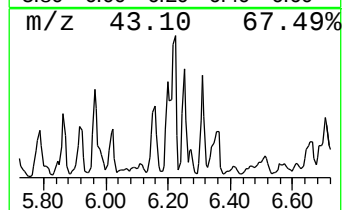
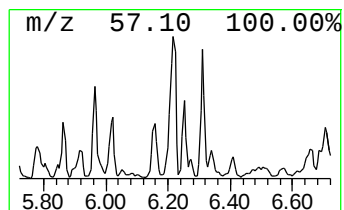
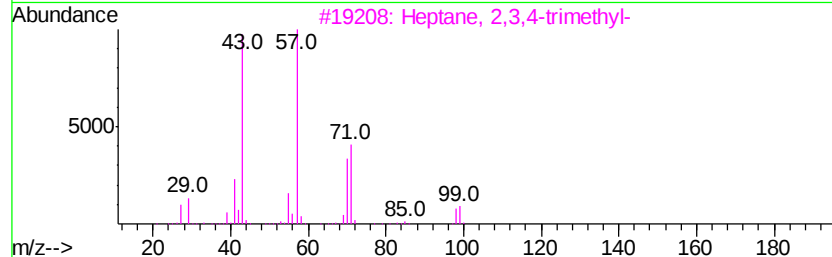
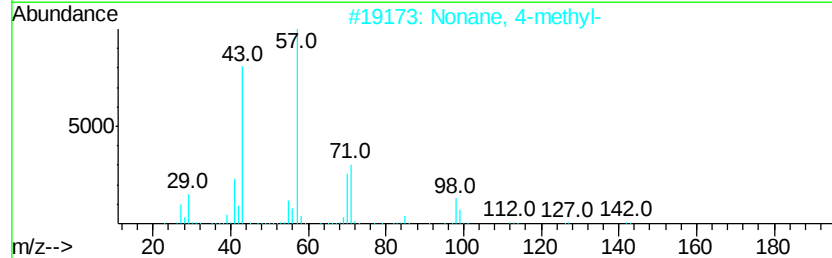
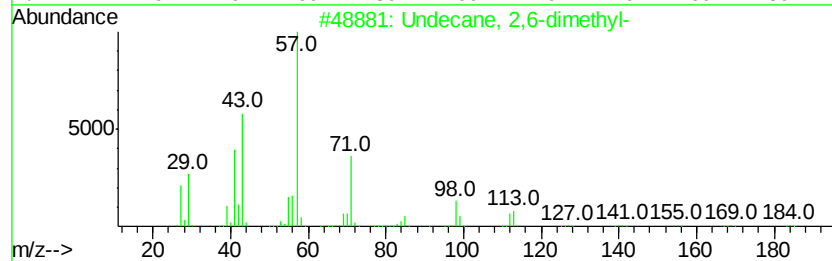
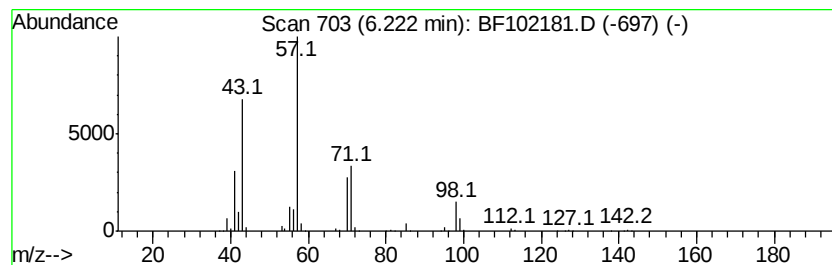
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	48.27 ng	2542670	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
5		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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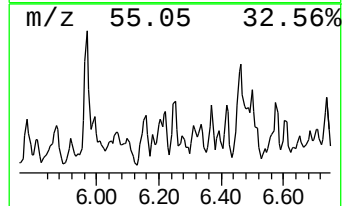
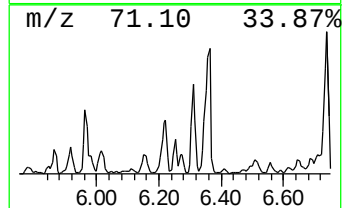
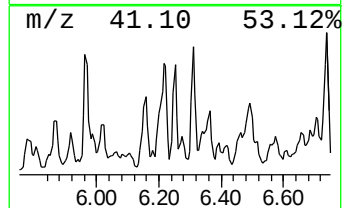
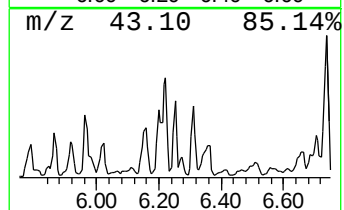
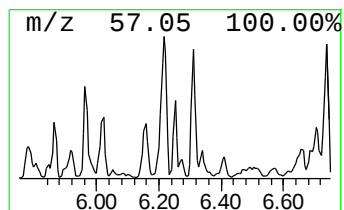
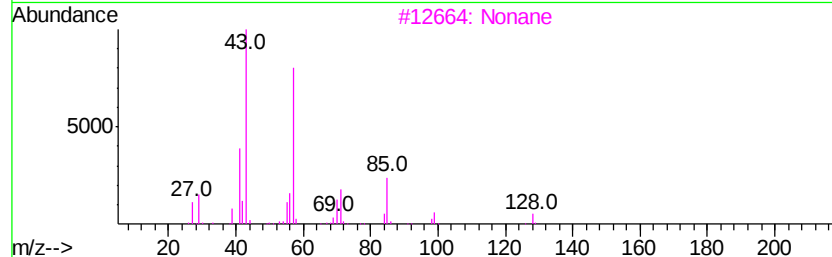
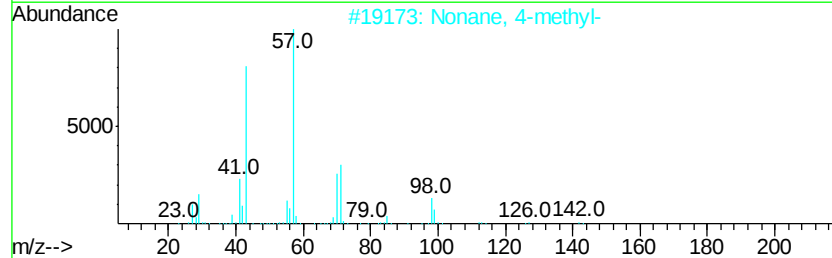
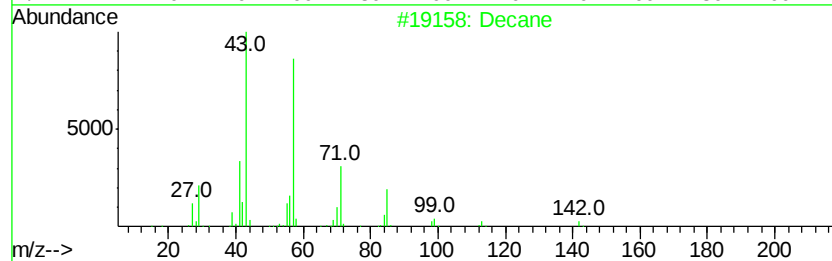
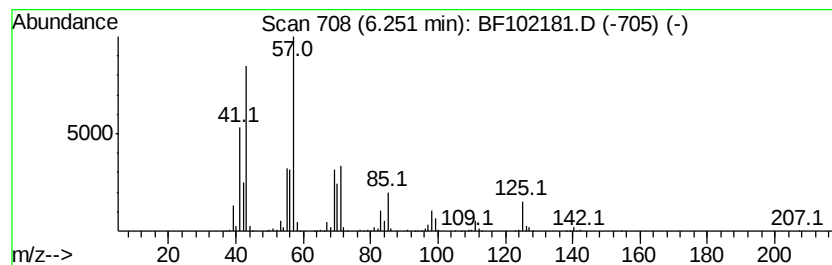
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.25 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	27.71 ng	1459710	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	47
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	46
3		Nonane	128	C9H20	000111-84-2	43
4		Octane	114	C8H18	000111-65-9	43
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

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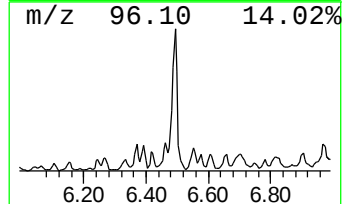
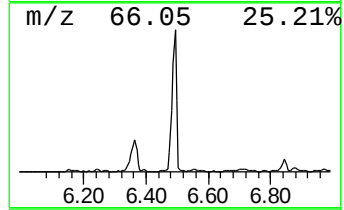
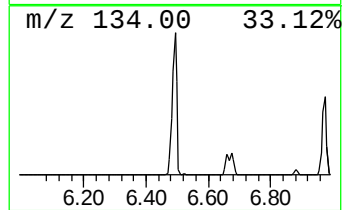
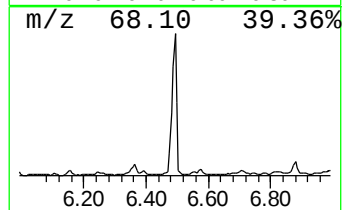
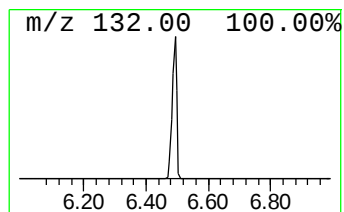
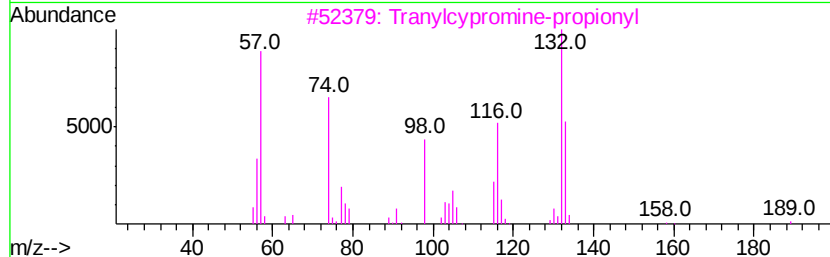
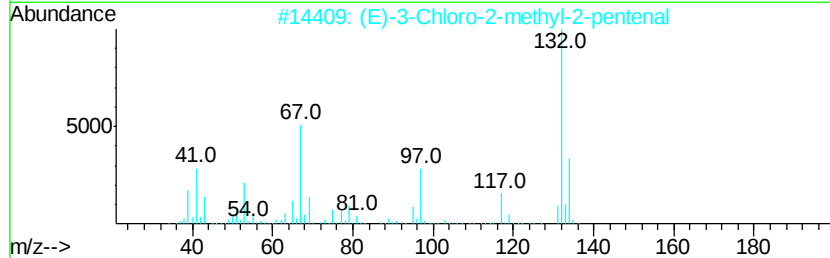
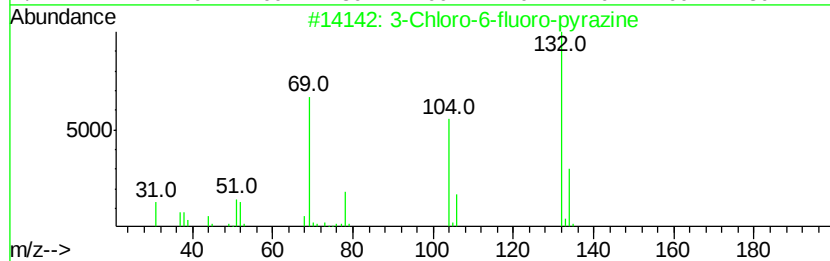
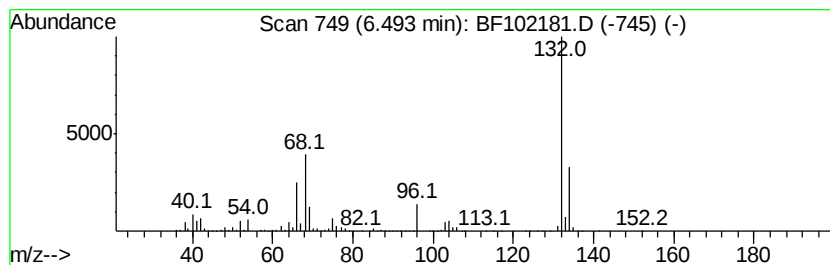
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.49 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	68.37 ng	3601190	1,4-Dichlorobenzene-d4	6.72

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	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

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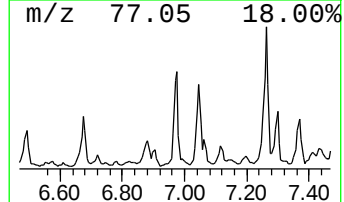
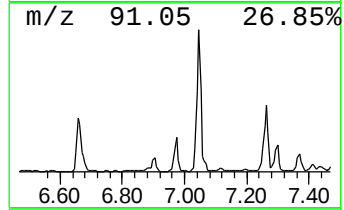
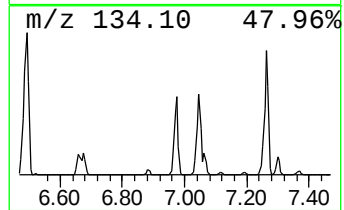
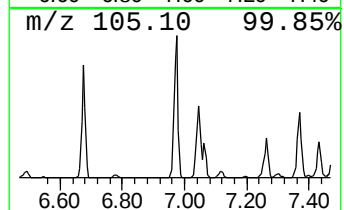
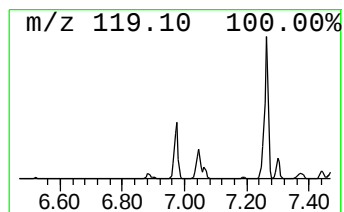
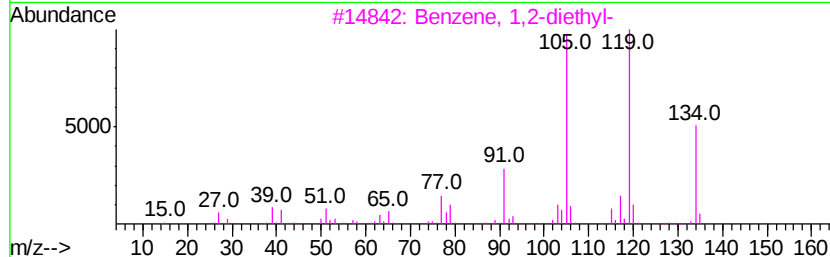
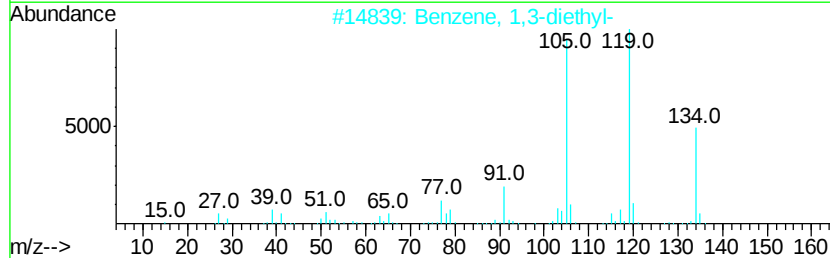
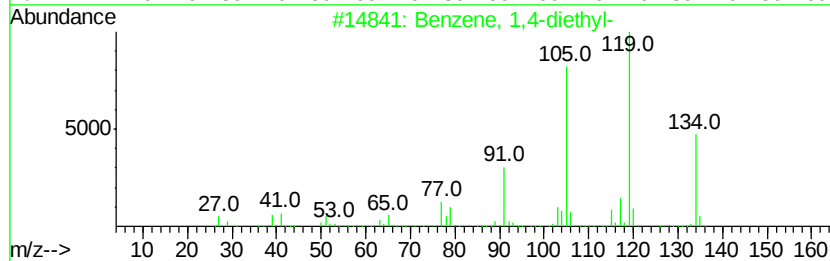
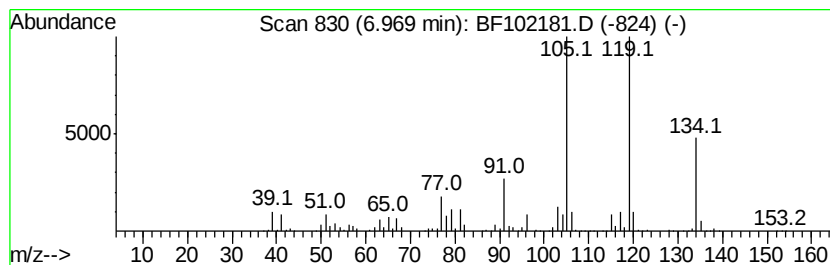
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	47.73 ng	2514250	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		o-Cymene	134	C10H14	000527-84-4	81



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Acq On : 18 Jan 2018 6:22
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Instrument :
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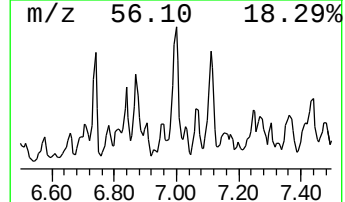
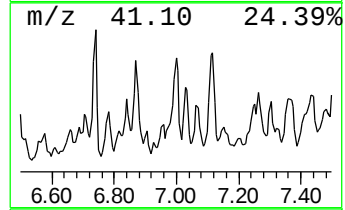
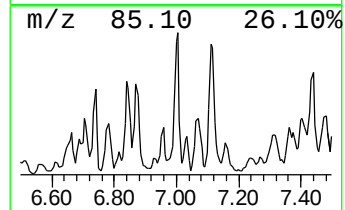
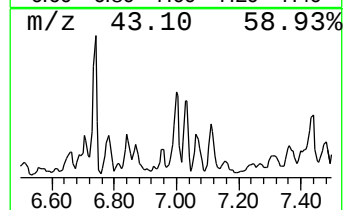
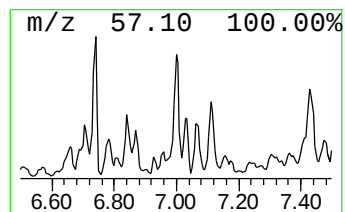
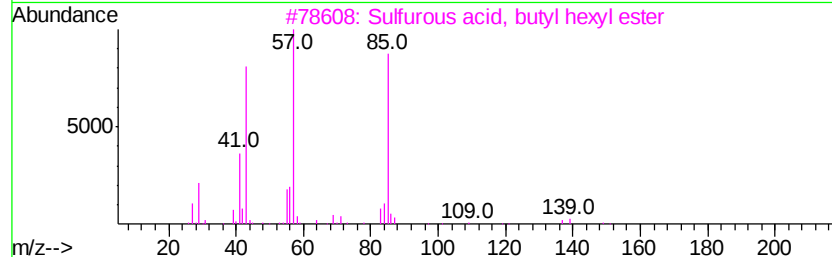
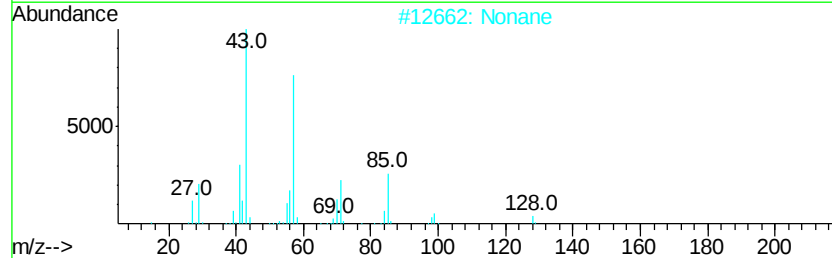
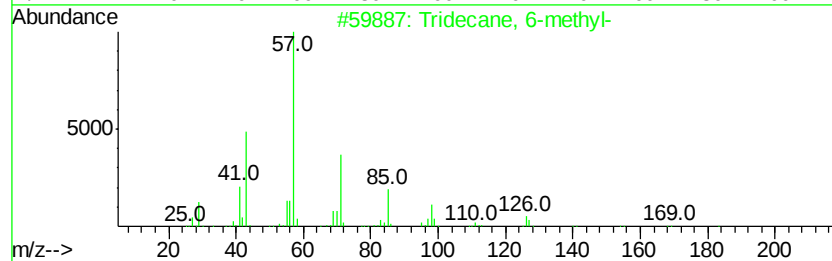
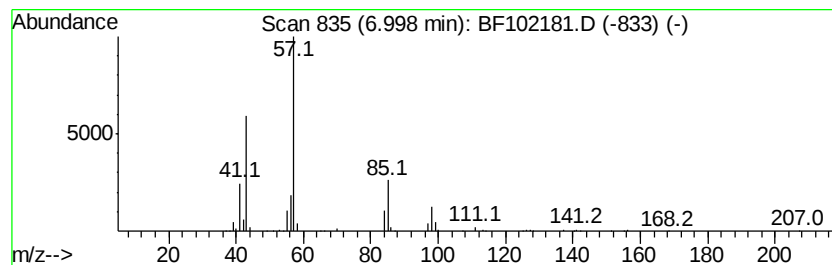
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	29.94 ng	1576890	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
2		Nonane	128	C9H20	000111-84-2	59
3		Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	50
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
5		Decane, 5-methyl-	156	C11H24	013151-35-4	47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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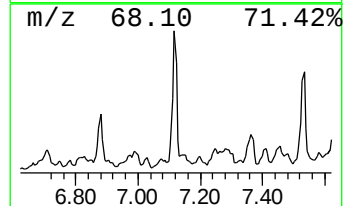
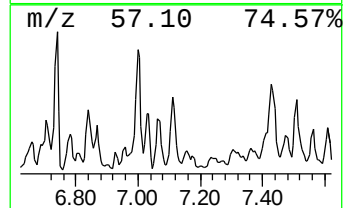
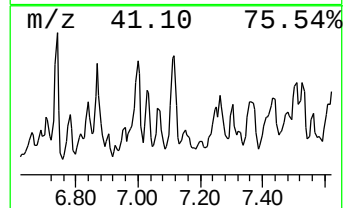
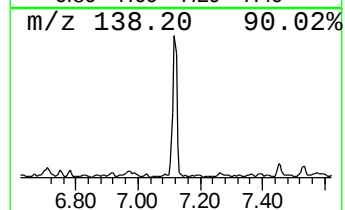
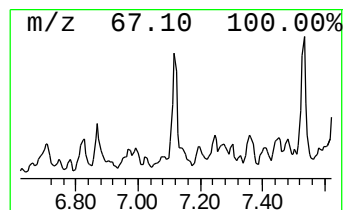
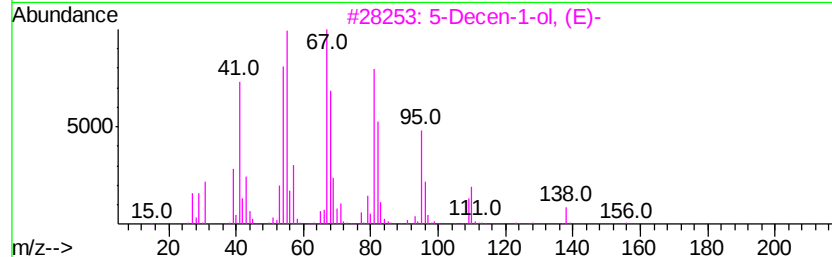
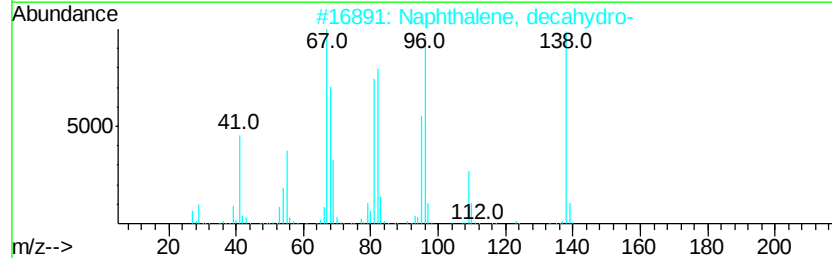
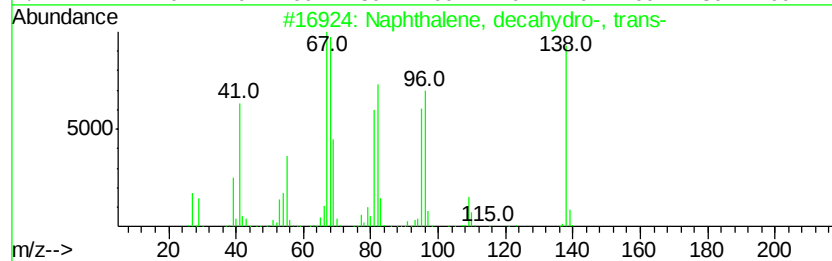
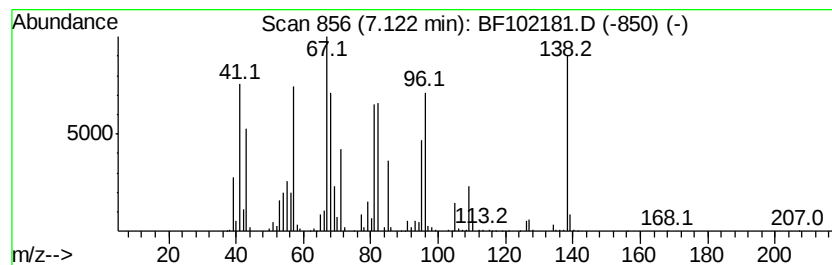
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-, tr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	39.36 ng	2073310	1,4-Dichlorobenzene-d4	6.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	83
3		5-Decen-1-ol, (E)-	156	C10H20O	056578-18-8	43
4		5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	43
5		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	43



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
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ALS Vial : 34 Sample Multiplier: 1

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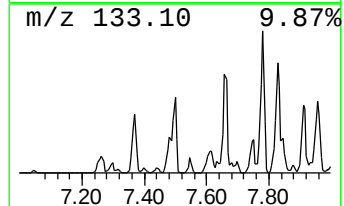
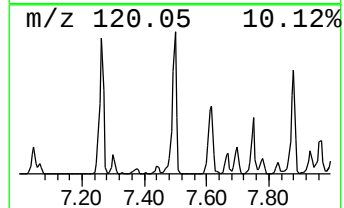
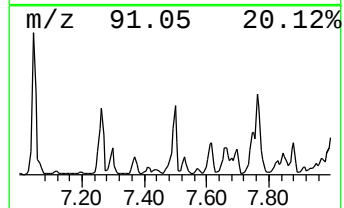
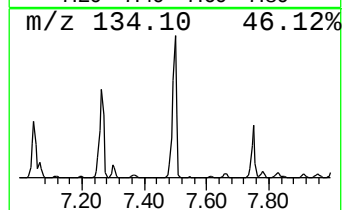
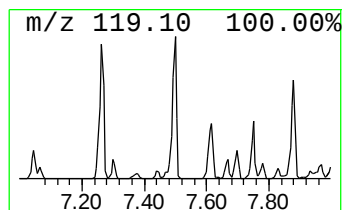
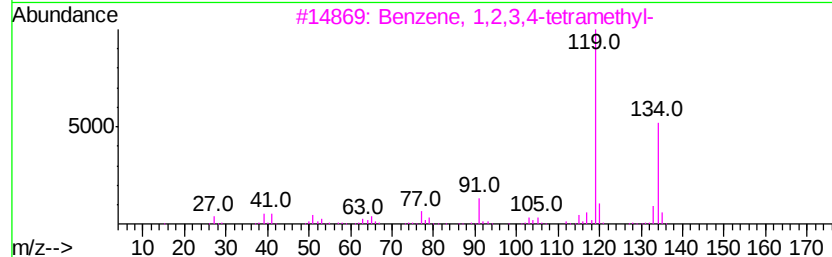
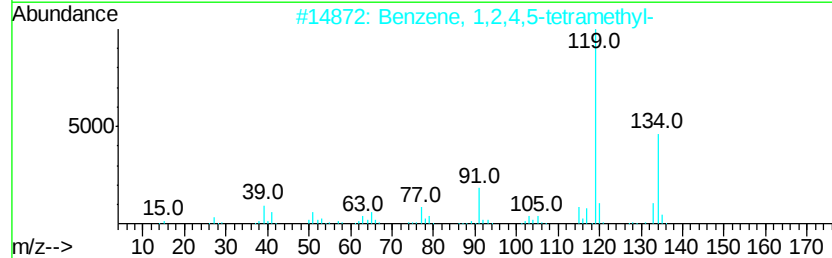
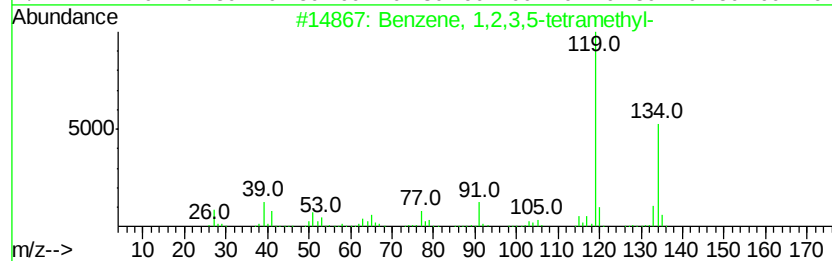
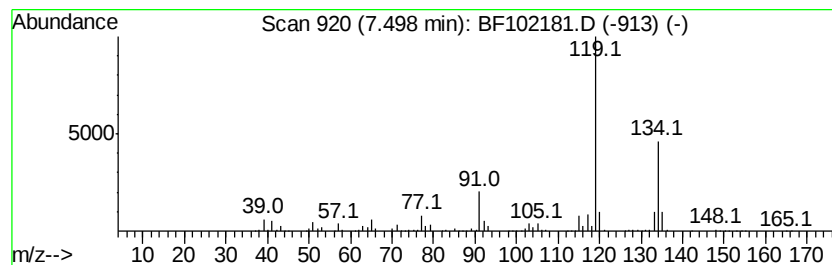
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	35.60 ng	4058840	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

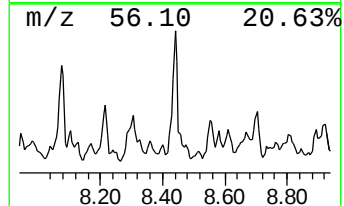
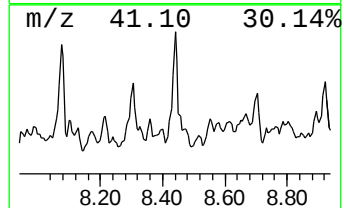
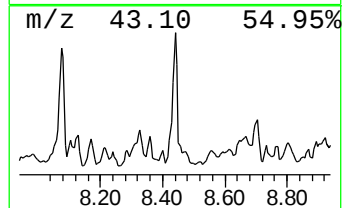
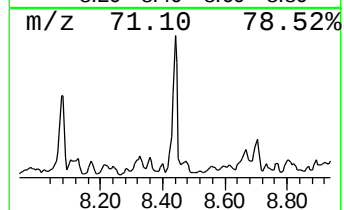
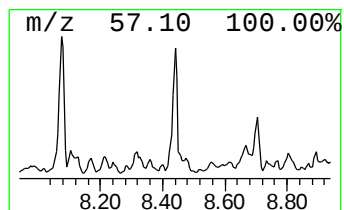
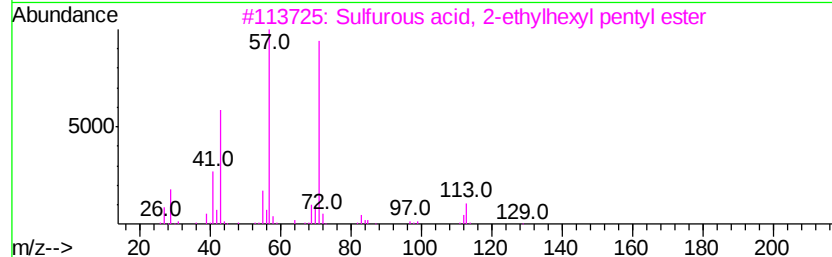
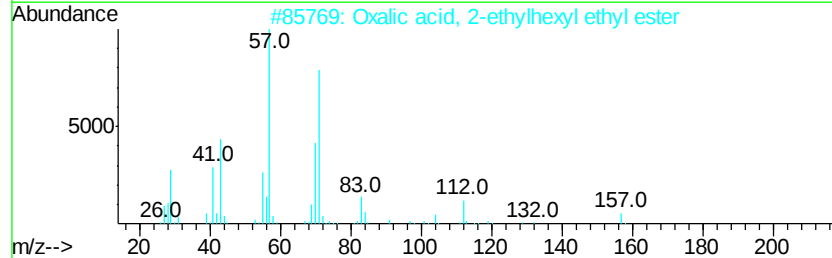
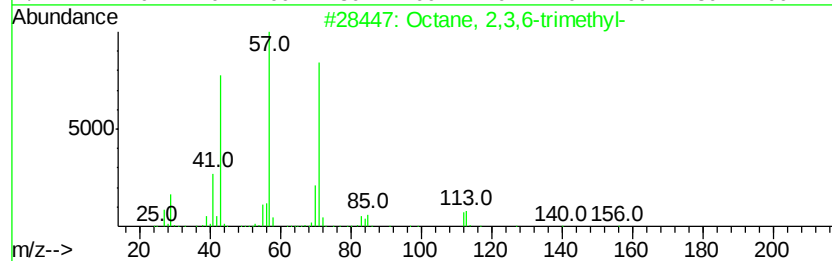
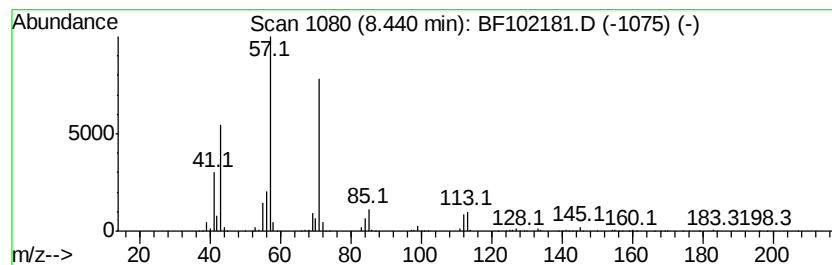
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.44	48.88 ng	5572060	Napthalene-d8	8.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72	
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72	
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64	
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64	
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64	



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Acq On : 18 Jan 2018 6:22
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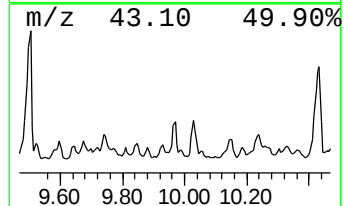
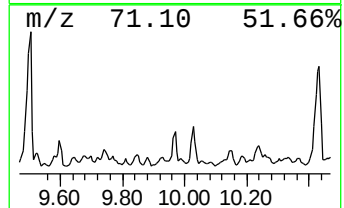
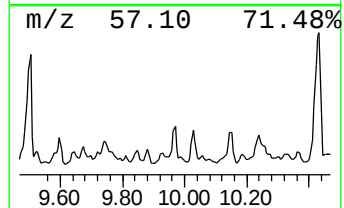
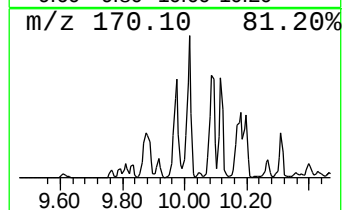
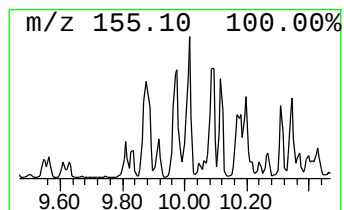
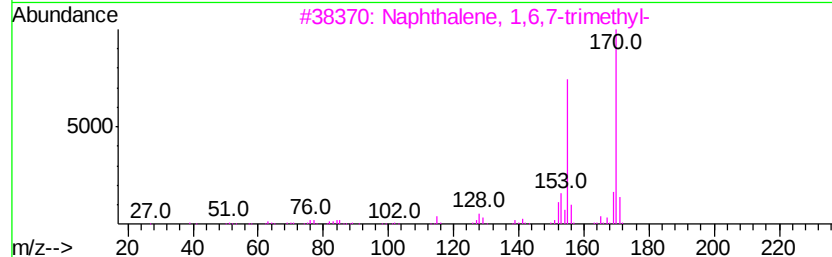
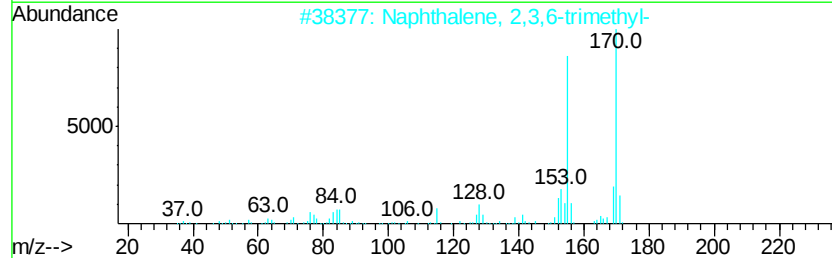
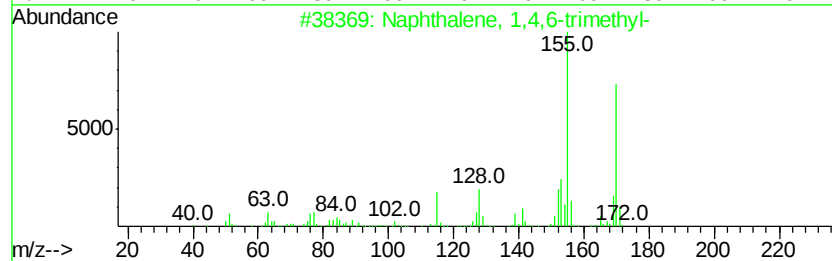
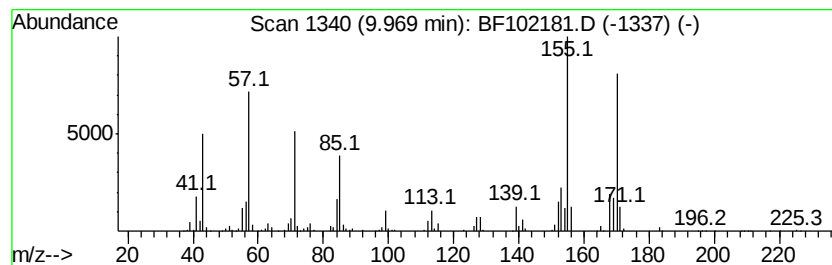
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	26.05 ng	2265210	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	64
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Acq On : 18 Jan 2018 6:22
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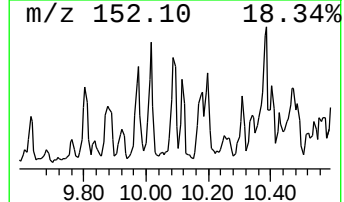
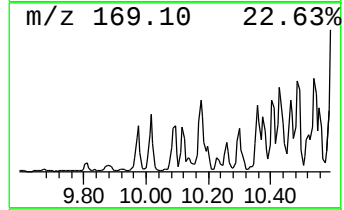
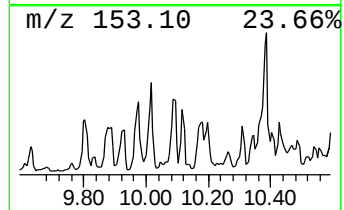
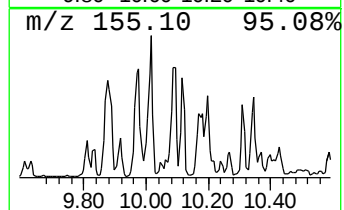
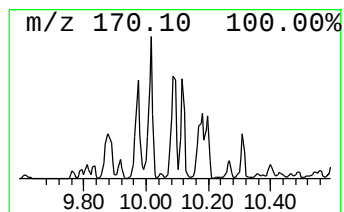
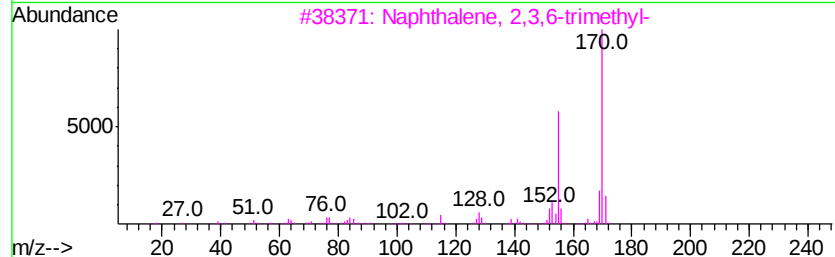
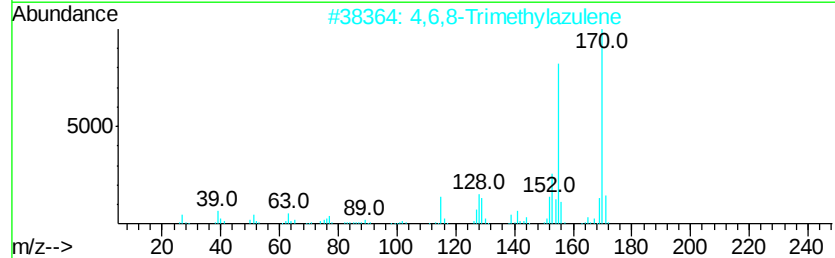
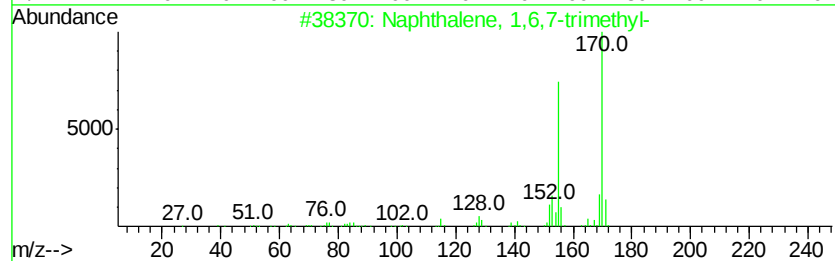
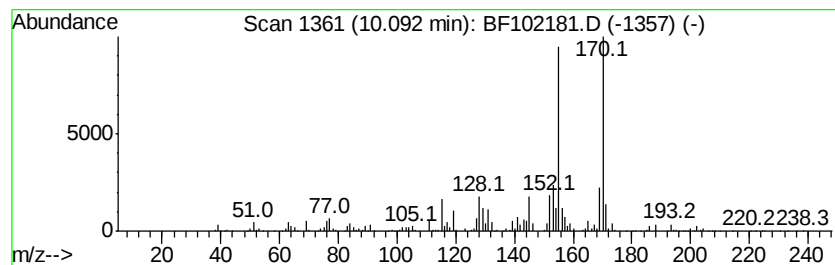
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	32.07 ng	2788100	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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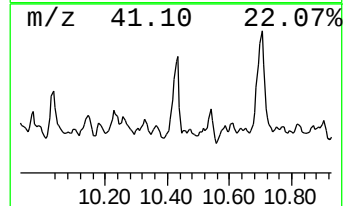
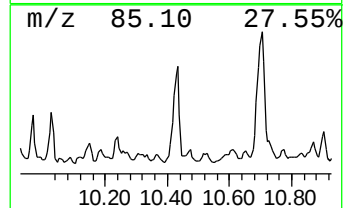
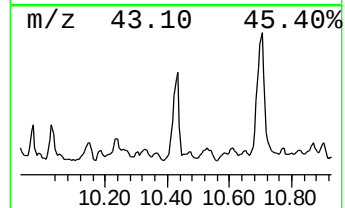
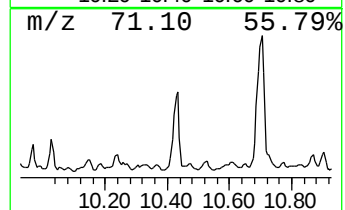
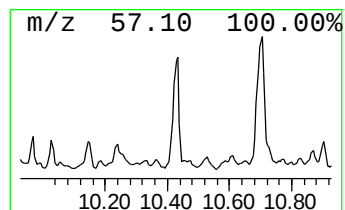
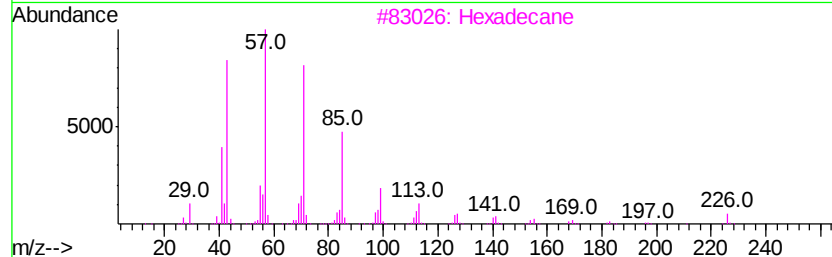
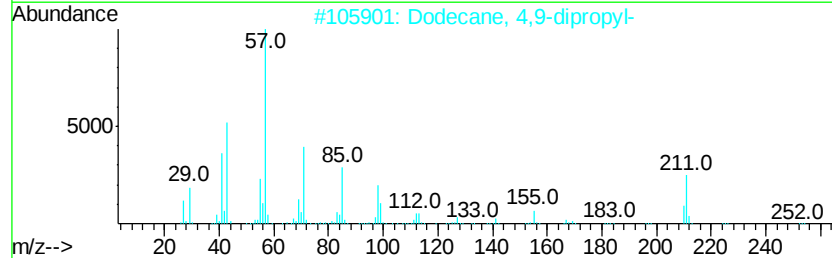
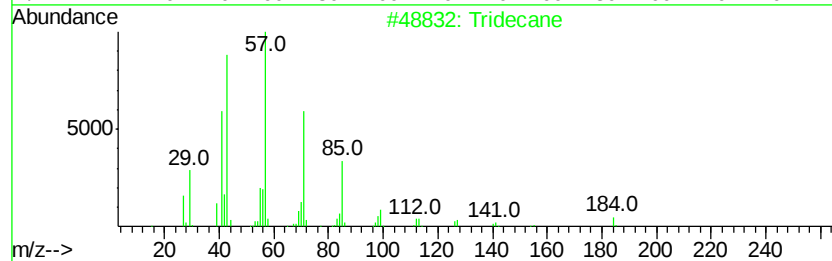
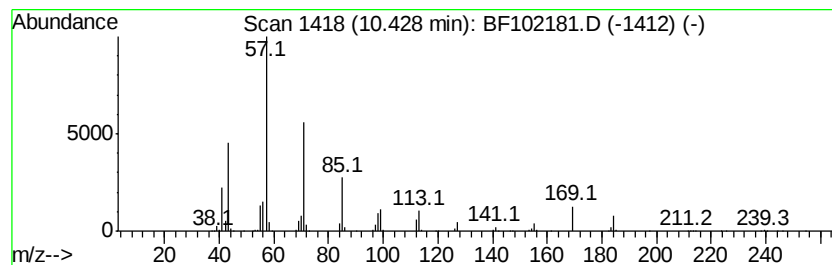
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.43	66.41 ng	5773550	Acenaphthene-d10		9.77	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	83
2		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	83
3		Hexadecane	226	C16H34	000544-76-3	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	58



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Misc :
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Instrument :
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ClientSampleId :
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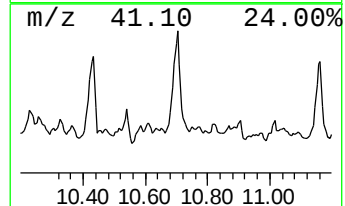
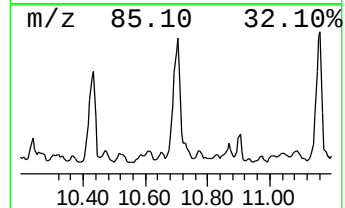
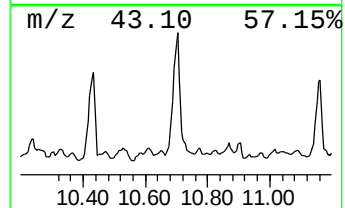
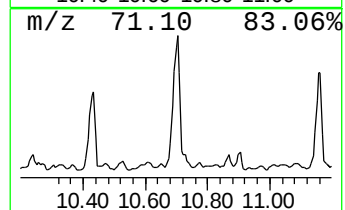
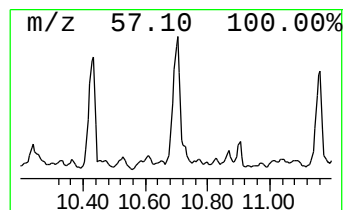
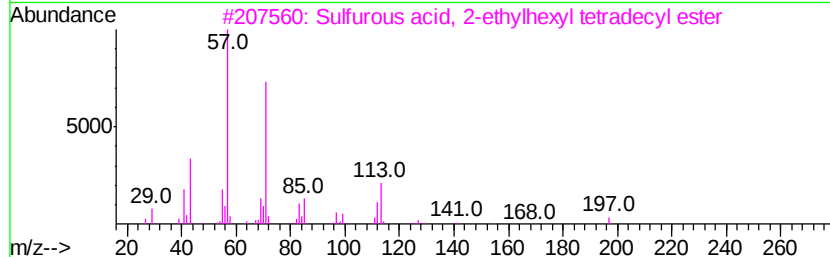
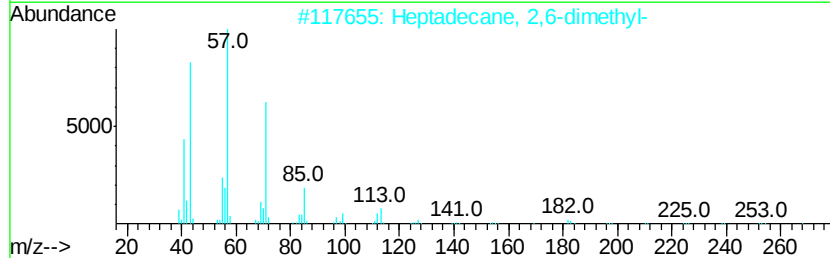
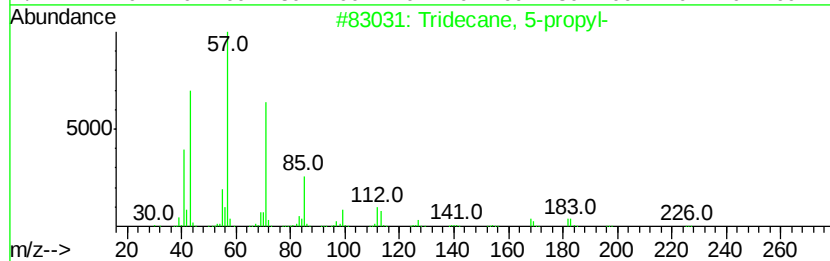
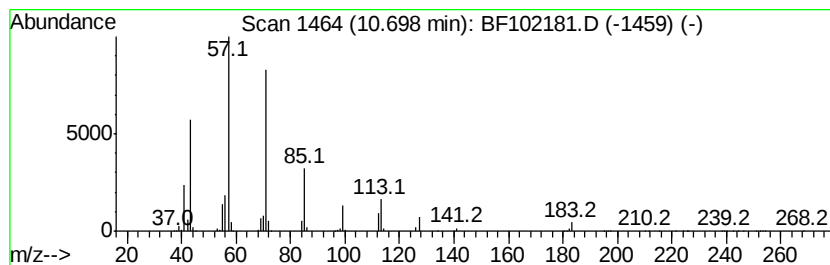
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	129.91 ng	7737220	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	91
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	91
3		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	72
4		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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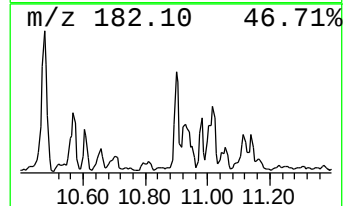
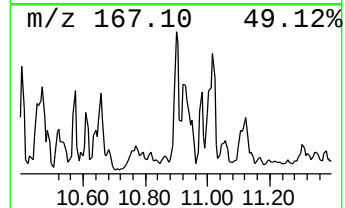
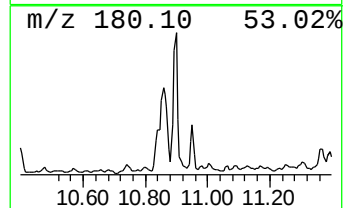
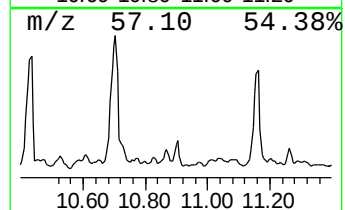
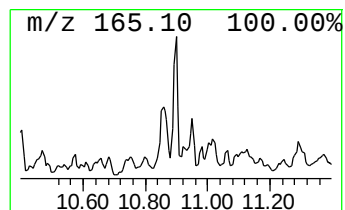
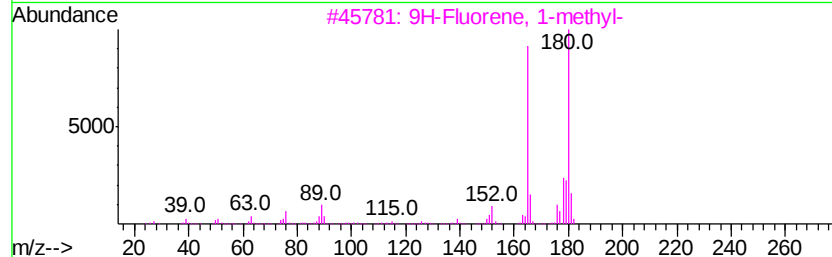
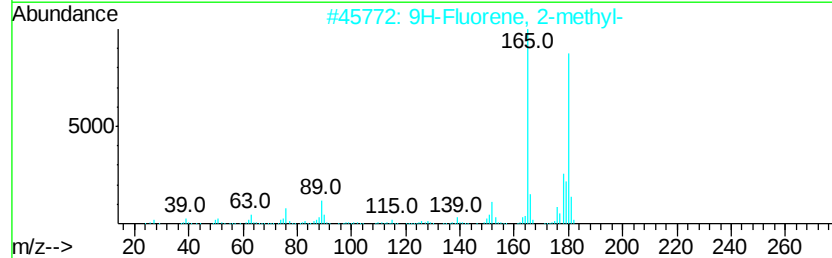
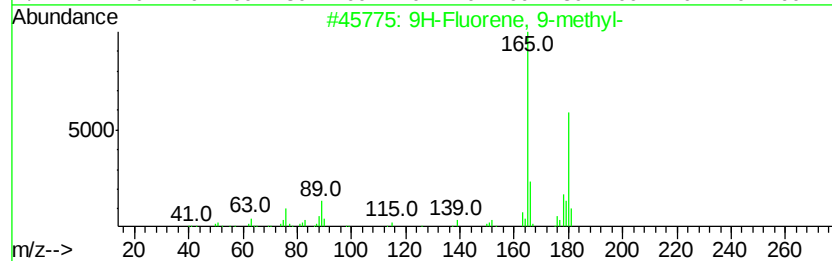
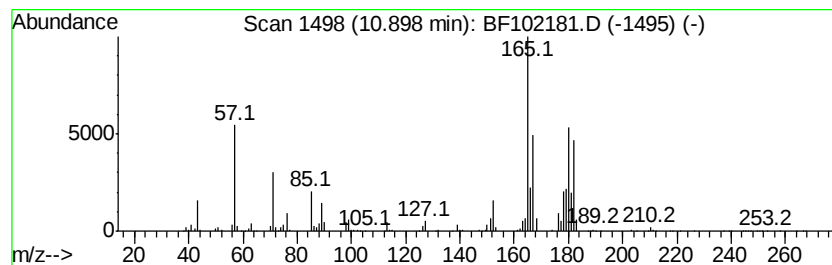
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9H-Fluorene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	30.35 ng	1807810	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	46
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38
5		Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	38



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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ClientSampleId :
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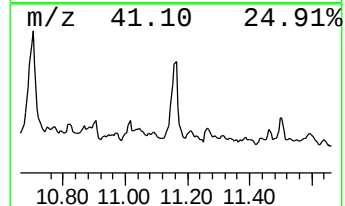
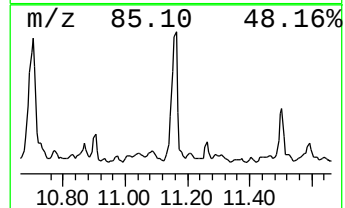
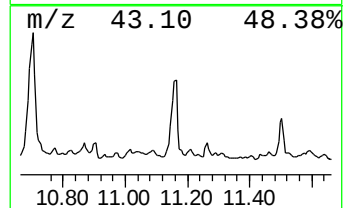
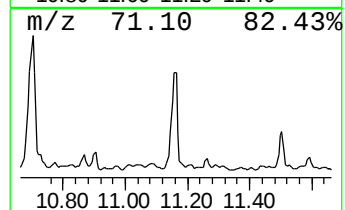
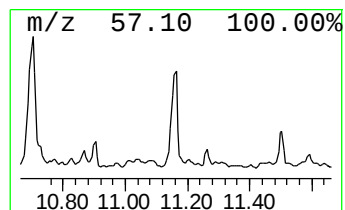
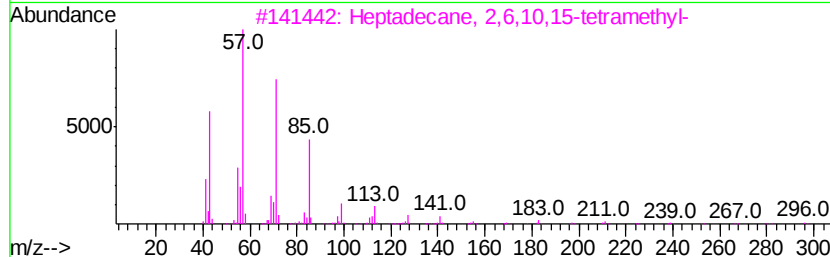
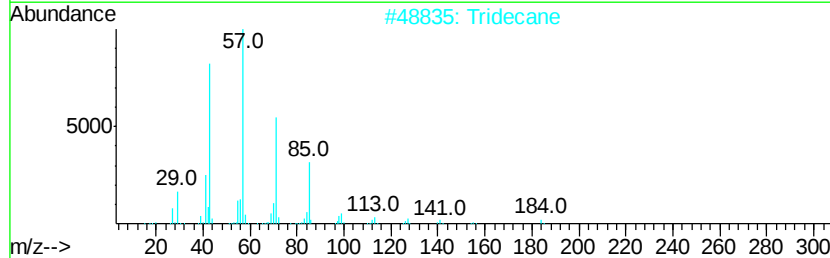
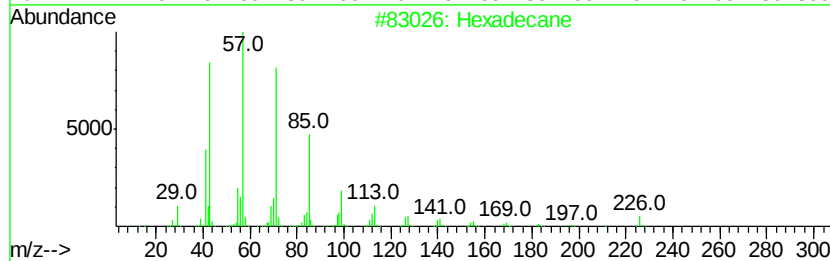
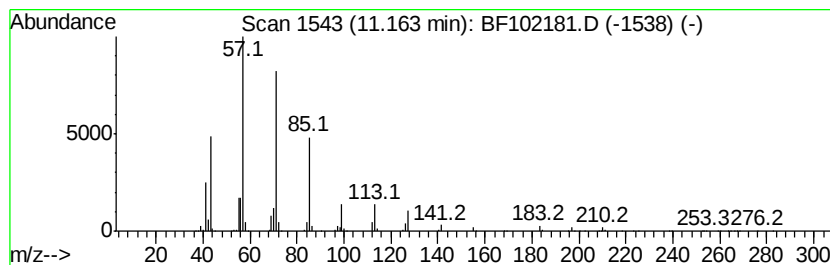
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	99.58 ng	5930670	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexacosane	366	C26H54	000630-01-3	83
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-2

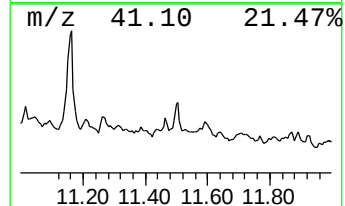
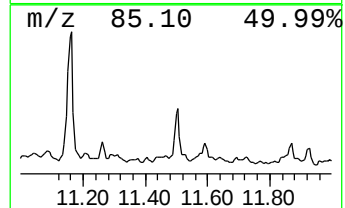
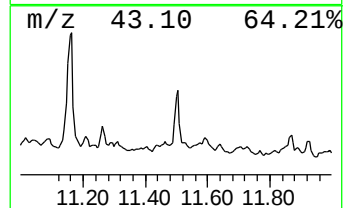
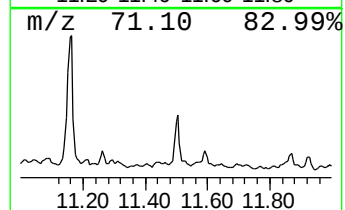
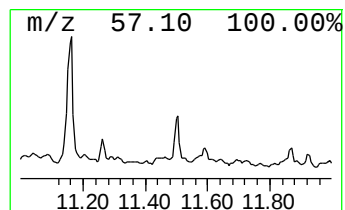
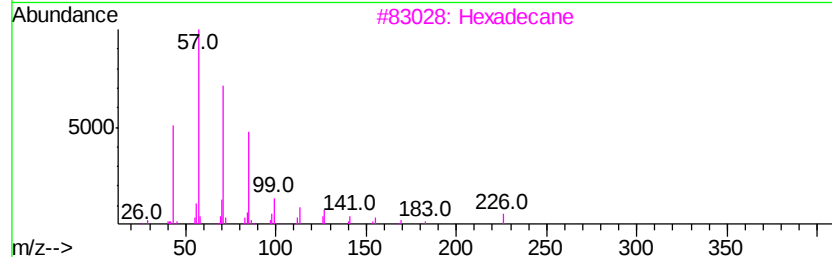
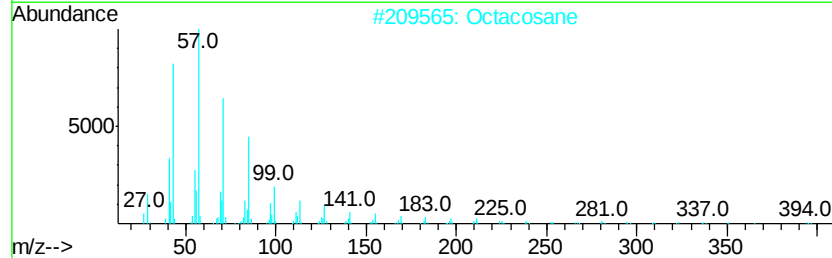
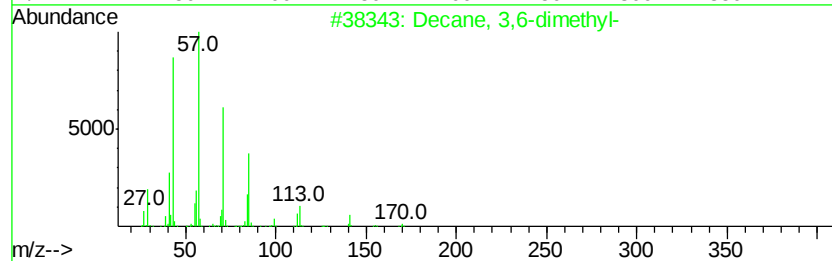
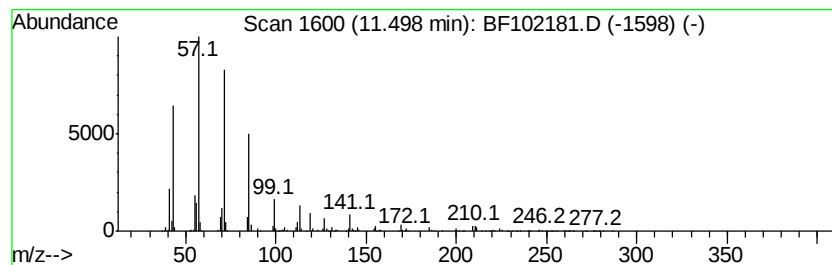
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Decane, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	26.57 ng	1582310	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2		Octacosane	394	C28H58	000630-02-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102181.D
 Acq On : 18 Jan 2018 6:22
 Operator : SJ/JU
 Sample : J1144-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Cyclopentanol, 2-...	5.87	29.7	ng	1562580	1	6.72	1053430	20.0
Nonane, 3-methyl-	5.96	34.7	ng	1826650	1	6.72	1053430	20.0
unknown6.16	6.16	29.9	ng	1575140	1	6.72	1053430	20.0
Undecane, 2,6-dim...	6.22	48.3	ng	2542670	1	6.72	1053430	20.0
unknown6.25	6.25	27.7	ng	1459710	1	6.72	1053430	20.0
unknown6.49	6.49	68.4	ng	3601190	1	6.72	1053430	20.0
Benzene, 1,4-diet...	6.97	47.7	ng	2514250	1	6.72	1053430	20.0
Tridecane, 6-methyl-	7.00	29.9	ng	1576890	1	6.72	1053430	20.0
Naphthalene, deca...	7.12	39.4	ng	2073310	1	6.72	1053430	20.0
Benzene, 1,2,3,5-...	7.50	35.6	ng	4058840	2	8.01	2279960	20.0
Octane, 2,3,6-tri...	8.44	48.9	ng	5572060	2	8.01	2279960	20.0
Naphthalene, 1,4,...	9.97	26.1	ng	2265210	3	9.77	1738890	20.0
Naphthalene, 1,6,...	10.09	32.1	ng	2788100	3	9.77	1738890	20.0
Tridecane	10.43	66.4	ng	5773550	3	9.77	1738890	20.0
Tridecane, 5-propyl-	10.70	129.9	ng	7737220	4	11.25	1191190	20.0
9H-Fluorene, 9-me...	10.90	30.4	ng	1807810	4	11.25	1191190	20.0
Hexadecane	11.16	99.6	ng	5930670	4	11.25	1191190	20.0
Decane, 3,6-dimet...	11.50	26.6	ng	1582310	4	11.25	1191190	20.0