

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF122004.D
 Acq On : 15 Oct 2020 21:53
 Operator : JU/CG
 Sample : L4223-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-101420

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122004.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	554	557	571	rBV	370445	501895	47.72%	1.976%
2	6.269	708	711	713	rBV	96489	92547	8.80%	0.364%
3	6.328	718	721	728	rVB2	61715	74665	7.10%	0.294%
4	6.387	728	731	742	rBV	436103	585599	55.68%	2.306%
5	6.575	758	763	769	rBV2	435568	440223	41.86%	1.733%
6	6.740	786	791	798	rVB2	819651	833888	79.29%	3.283%
7	6.798	798	801	804	rVB	88624	74217	7.06%	0.292%
8	6.887	813	816	820	rBV2	122348	121835	11.58%	0.480%
9	7.016	835	838	841	rVB	177218	165295	15.72%	0.651%
10	7.045	841	843	845	rBV	116148	111401	10.59%	0.439%
11	7.081	847	849	854	rVB	184313	154858	14.72%	0.610%
12	7.128	854	857	861	rBV2	251030	248764	23.65%	0.979%
13	7.275	877	882	885	rBV2	143825	179862	17.10%	0.708%
14	7.310	885	888	890	rBV	356391	369641	35.15%	1.455%
15	7.340	890	893	896	rVB	851595	665973	63.32%	2.622%
16	7.387	896	901	904	rVB5	123299	192853	18.34%	0.759%
17	7.428	904	908	909	rBV2	72431	82476	7.84%	0.325%
18	7.451	909	912	916	rVB3	88614	105016	9.99%	0.413%
19	7.522	921	924	925	rBV3	90314	83399	7.93%	0.328%
20	7.545	925	928	931	rVB2	203830	205297	19.52%	0.808%
21	7.645	938	945	946	rBV3	138189	218098	20.74%	0.859%
22	7.710	952	956	958	rVB3	167632	189665	18.03%	0.747%
23	7.740	958	961	963	rBV3	153608	138004	13.12%	0.543%
24	7.775	963	967	972	rVV5	248600	334438	31.80%	1.317%
25	7.822	972	975	977	rVV	145932	122956	11.69%	0.484%
26	7.845	977	979	980	rVV2	70328	59375	5.65%	0.234%
27	7.863	980	982	985	rVB	108497	80305	7.64%	0.316%
28	7.892	985	987	991	rBV2	61388	78891	7.50%	0.311%
29	7.963	996	999	1000	rBV2	62970	66062	6.28%	0.260%
30	7.975	1000	1001	1003	rVV2	67328	65640	6.24%	0.258%
31	8.010	1003	1007	1008	rVV	886768	827390	78.67%	3.258%
32	8.028	1008	1010	1013	rVV	1067314	912640	86.78%	3.593%
33	8.087	1015	1020	1023	rVB	417854	420331	39.97%	1.655%
34	8.116	1023	1025	1028	rBV3	103205	95204	9.05%	0.375%
35	8.181	1032	1036	1037	rBV2	77550	81332	7.73%	0.320%
36	8.222	1041	1043	1046	rVB2	145084	137638	13.09%	0.542%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.316	1054	1059	1066	rBV4	246732	403533	38.37%	1.589%
38	8.369	1066	1068	1071	rBV2	176306	153375	14.58%	0.604%
39	8.404	1071	1074	1077	rVB2	268470	256268	24.37%	1.009%
40	8.445	1077	1081	1083	rBV	526077	465124	44.23%	1.831%
41	8.487	1086	1088	1091	rVB3	89525	88924	8.46%	0.350%
42	8.528	1092	1095	1098	rBV2	230328	188083	17.88%	0.741%
43	8.563	1098	1101	1103	rBV3	70510	77193	7.34%	0.304%
44	8.616	1107	1110	1114	rBV	913083	748214	71.14%	2.946%
45	8.681	1118	1121	1123	rVV4	82304	85124	8.09%	0.335%
46	8.710	1123	1126	1129	rVB3	192248	238716	22.70%	0.940%
47	8.810	1139	1143	1144	rBV4	48507	67477	6.42%	0.266%
48	8.845	1146	1149	1152	rVB2	159385	116099	11.04%	0.457%
49	8.898	1155	1158	1160	rBV2	148287	130112	12.37%	0.512%
50	8.981	1168	1172	1175	rVB2	227385	253775	24.13%	0.999%
51	9.022	1175	1179	1180	rVV	156846	141138	13.42%	0.556%
52	9.045	1180	1183	1189	rVV2	400638	391885	37.26%	1.543%
53	9.098	1189	1192	1197	rVV	844217	675090	64.19%	2.658%
54	9.181	1202	1206	1211	rVV	842115	795304	75.62%	3.131%
55	9.222	1211	1213	1215	rVV2	104236	118638	11.28%	0.467%
56	9.251	1215	1218	1221	rVV2	147453	176540	16.79%	0.695%
57	9.369	1235	1238	1240	rVB	75929	66634	6.34%	0.262%
58	9.410	1243	1245	1247	rVV3	57471	65696	6.25%	0.259%
59	9.434	1247	1249	1251	rVV2	147377	155006	14.74%	0.610%
60	9.457	1251	1253	1255	rVV2	132150	117329	11.16%	0.462%
61	9.498	1255	1260	1262	rVV3	468869	524342	49.86%	2.065%
62	9.522	1262	1264	1267	rVV2	177438	164691	15.66%	0.648%
63	9.557	1267	1270	1273	rVB	149546	113927	10.83%	0.449%
64	9.639	1281	1284	1288	rVB4	49466	62876	5.98%	0.248%
65	9.710	1293	1296	1300	rVB	417626	382251	36.35%	1.505%
66	9.775	1304	1307	1311	rVV	1101168	1051694	100.00%	4.141%
67	9.810	1311	1313	1316	rVB	87585	67008	6.37%	0.264%
68	9.939	1331	1335	1337	rVV3	58309	89350	8.50%	0.352%
69	9.963	1337	1339	1341	rVV2	63116	71331	6.78%	0.281%
70	9.981	1341	1342	1347	rVV3	58295	76919	7.31%	0.303%
71	10.028	1347	1350	1354	rVV3	99782	125752	11.96%	0.495%
72	10.204	1377	1380	1383	rVV	246575	194446	18.49%	0.766%
73	10.328	1396	1401	1406	rBV	67289	94705	9.00%	0.373%
74	10.428	1413	1418	1423	rVB	74543	110400	10.50%	0.435%
75	10.569	1439	1442	1453	rVB	297316	332636	31.63%	1.310%
76	10.680	1458	1461	1470	rVB	150218	206811	19.66%	0.814%

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 ClientSampleId :
 PL-01-101420

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.122	1533	1536	1539	rBV	85851	82985	7.89%	0.327%
78	11.157	1539	1542	1547	rVB2	71023	85316	8.11%	0.336%
79	11.263	1556	1560	1562	rBV	1090184	926280	88.08%	3.647%
80	11.286	1562	1564	1568	rVV	323165	269756	25.65%	1.062%
81	11.339	1571	1573	1576	rVB	99920	78821	7.49%	0.310%
82	11.551	1606	1609	1612	rVV2	79727	63592	6.05%	0.250%
83	11.651	1623	1626	1630	rBV	168663	132846	12.63%	0.523%
84	11.792	1648	1650	1655	rVB	65400	60238	5.73%	0.237%
85	11.875	1661	1664	1666	rVV	111472	105456	10.03%	0.415%
86	12.339	1740	1743	1744	rVV	330328	328512	31.24%	1.293%
87	12.357	1744	1746	1752	rVV	693129	596754	56.74%	2.350%
88	12.445	1757	1761	1763	rVV	82108	75209	7.15%	0.296%
89	12.474	1763	1766	1771	rVB	455558	377492	35.89%	1.486%
90	12.704	1799	1805	1811	rBV	416239	470057	44.70%	1.851%
91	12.845	1823	1829	1832	rBV	548630	540688	51.41%	2.129%
92	12.922	1838	1842	1850	rBV5	33107	74550	7.09%	0.294%
93	13.033	1854	1861	1864	rBV	70032	118888	11.30%	0.468%
94	13.904	2004	2009	2012	rBV2	781806	912535	86.77%	3.593%
95	13.927	2012	2013	2020	rVB	168452	125379	11.92%	0.494%
96	14.927	2180	2183	2186	rBV	145020	186204	17.71%	0.733%
97	14.980	2190	2192	2198	rVB2	54646	60855	5.79%	0.240%
98	15.221	2230	2233	2238	rVB	80250	92640	8.81%	0.365%
99	15.280	2239	2243	2248	rVB	132023	155345	14.77%	0.612%
100	15.339	2249	2253	2257	rBV	573029	714946	67.98%	2.815%

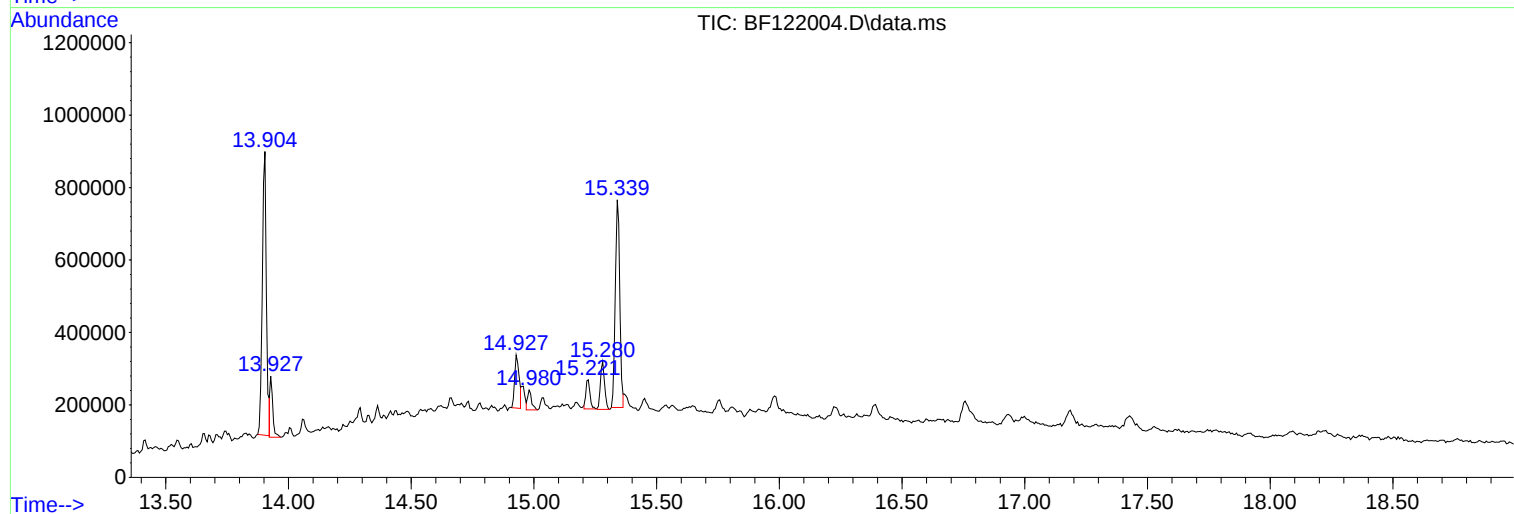
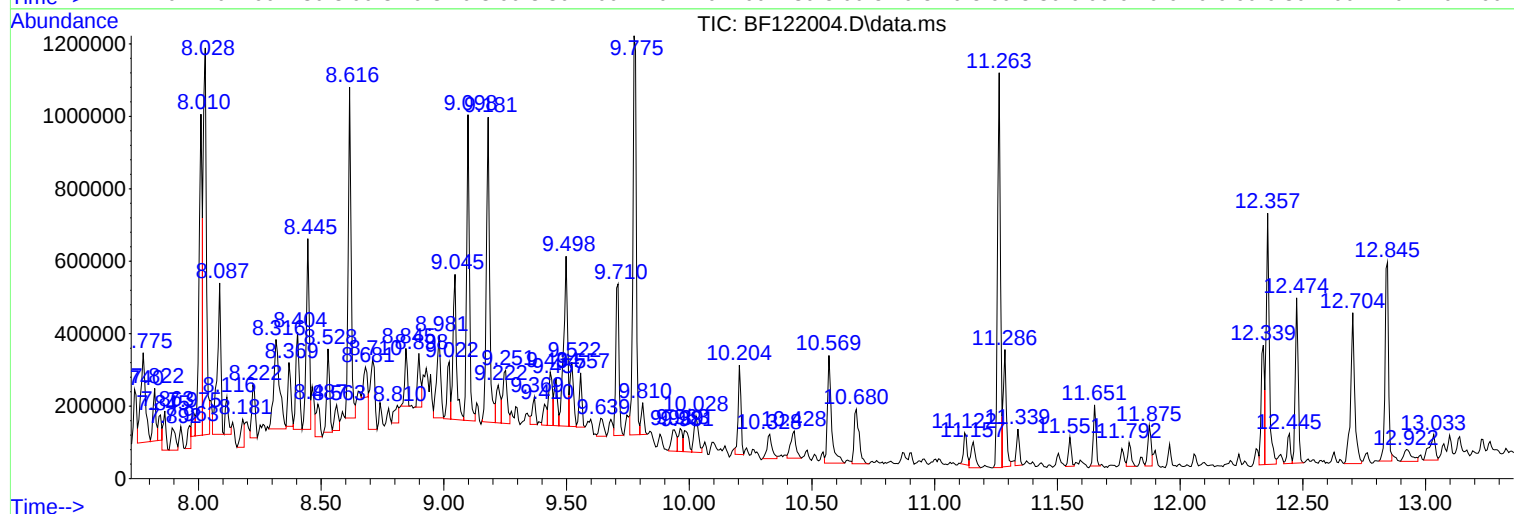
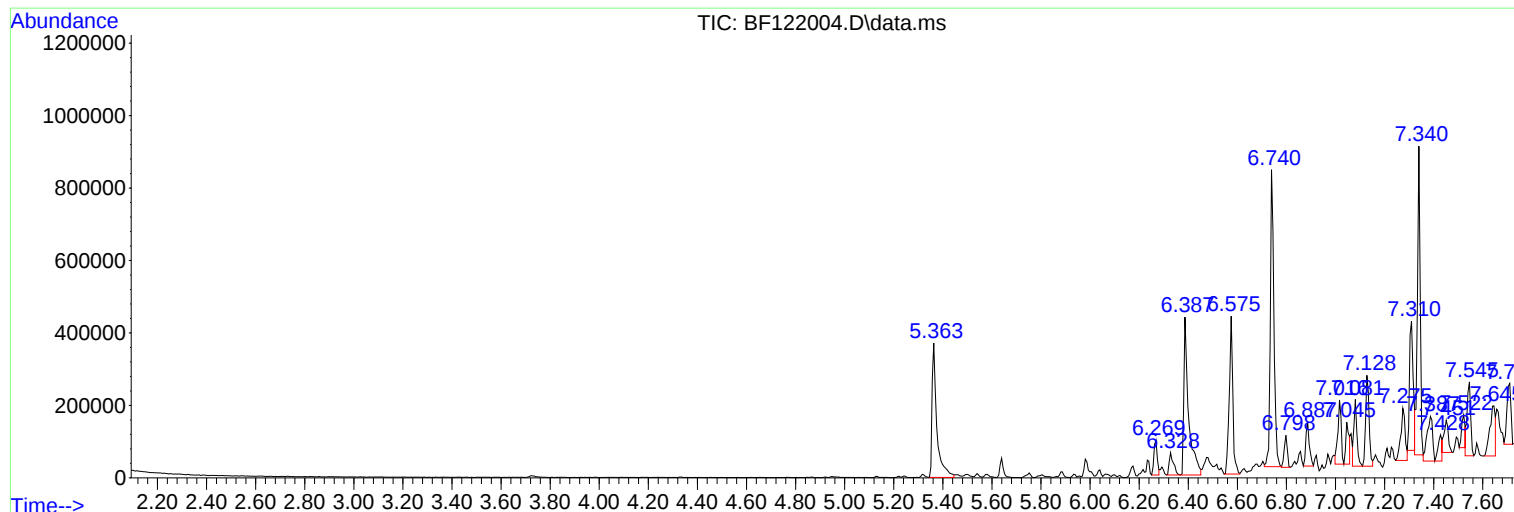
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Instrument :
BNA_F
ClientSampleId :
PL-01-101420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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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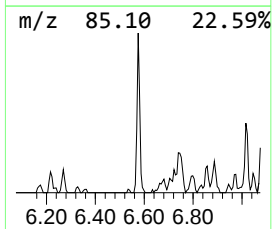
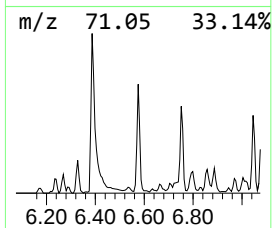
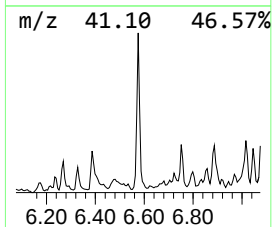
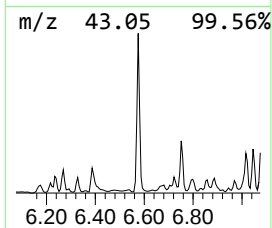
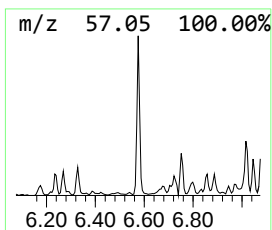
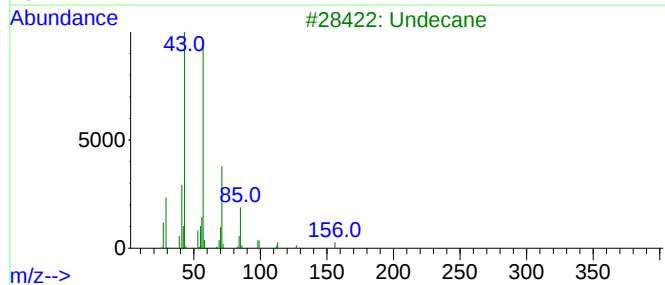
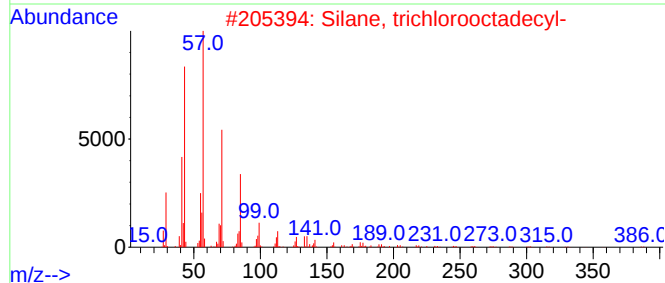
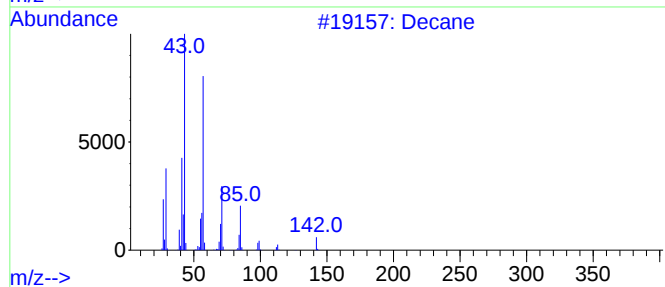
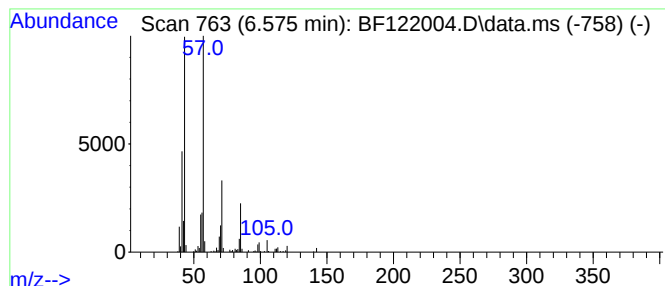
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	10.56 ng	440223	1,4-Dichlorobenzene-d4	6.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3			Undecane	156	C11H24	001120-21-4	83
4			Nonane	128	C9H20	000111-84-2	78
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	72



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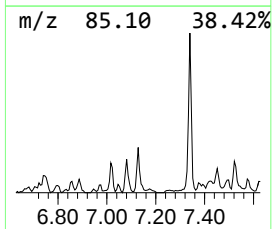
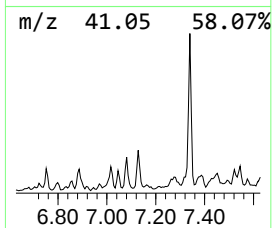
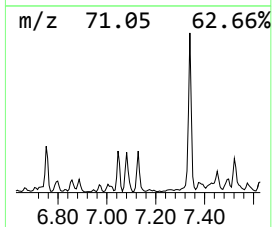
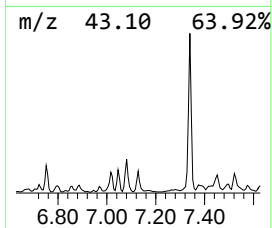
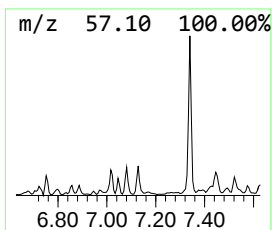
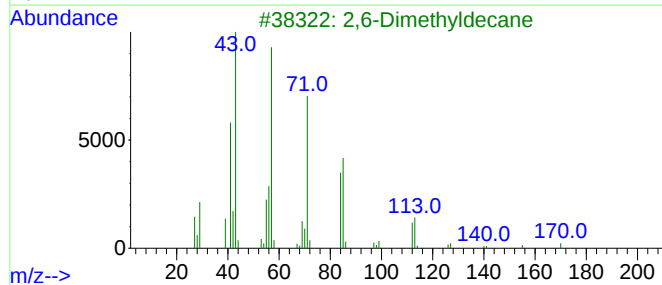
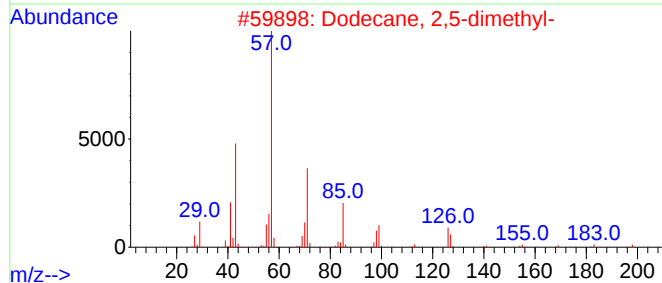
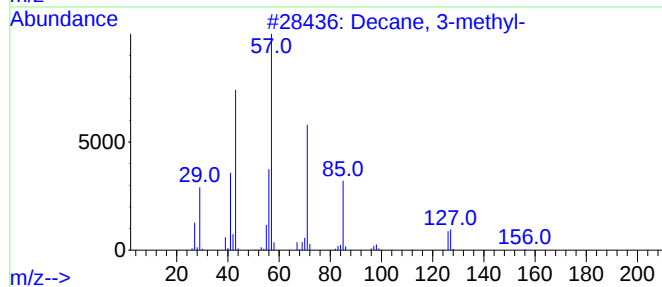
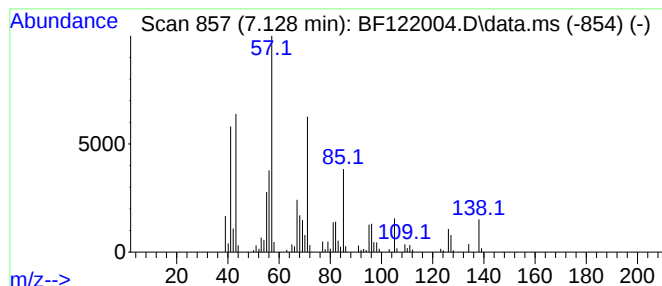
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	5.97 ng	248764	1,4-Dichlorobenzene-d4	6.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	58
2			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
3			2,6-Dimethyldecane	170	C12H26	013150-81-7	50
4			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	002216-52-6	43



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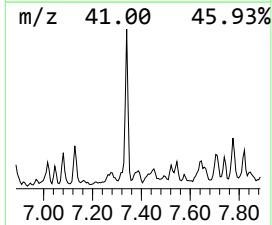
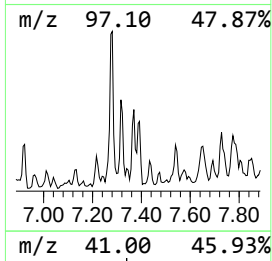
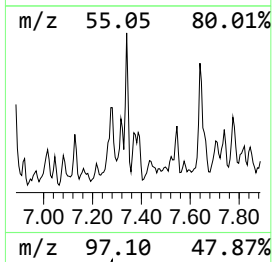
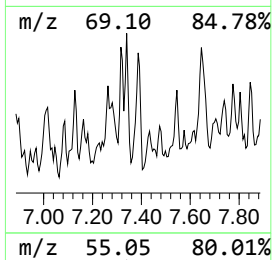
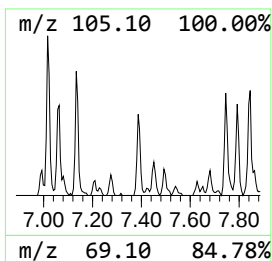
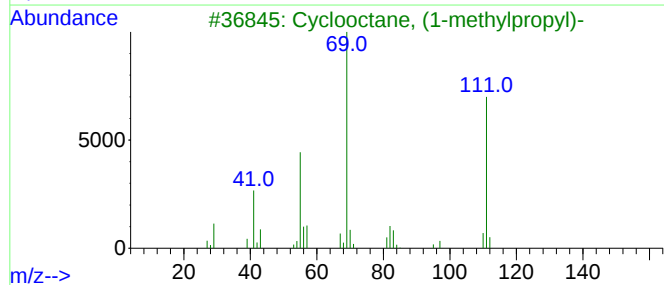
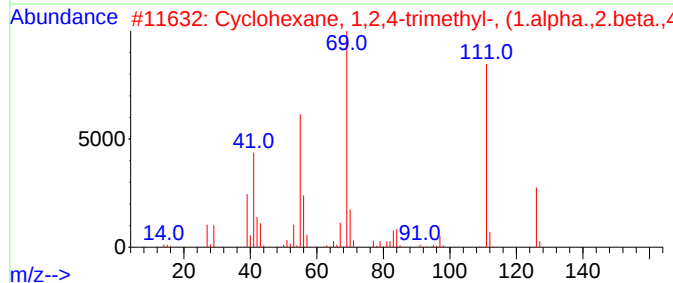
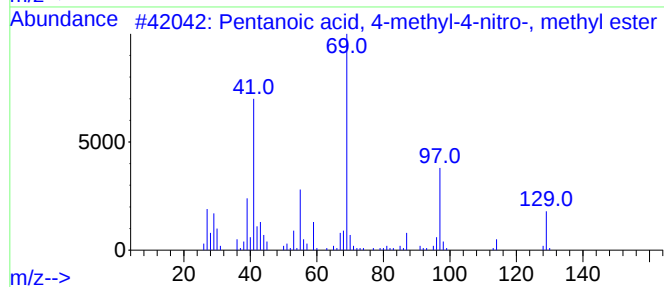
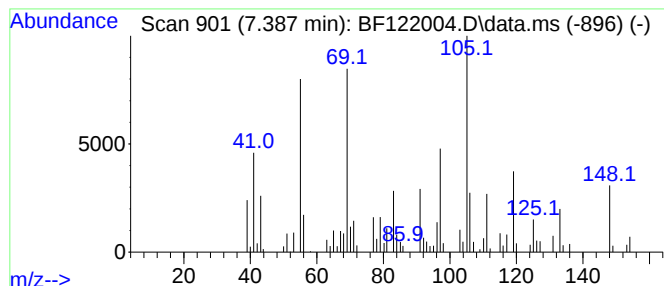
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.387 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.387	4.23 ng	192853	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 4-methyl-4-nitro...	175	C7H13NO4	016507-02-1	35
2			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	27
3			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	22
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	22
5			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

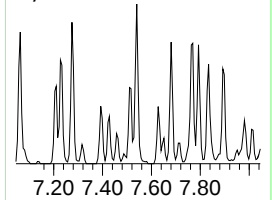
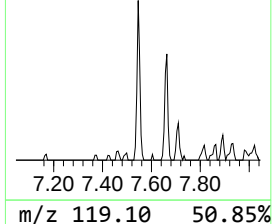
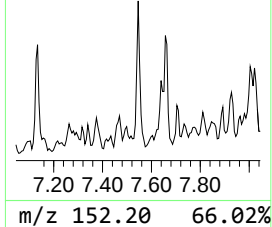
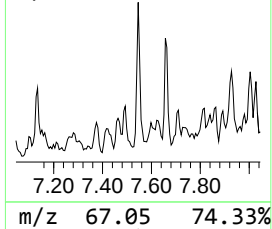
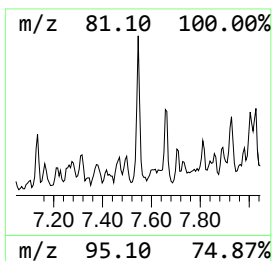
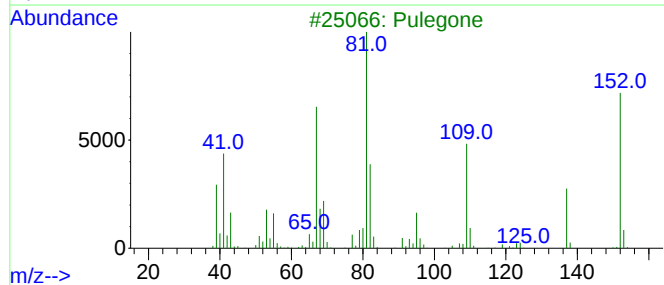
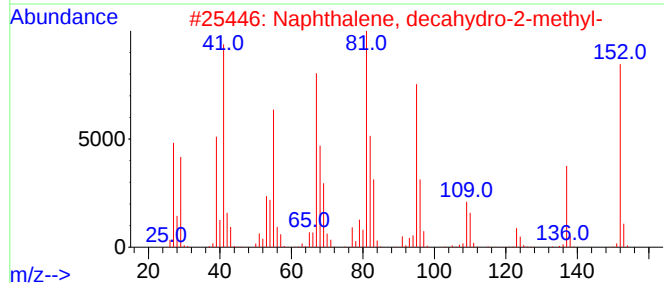
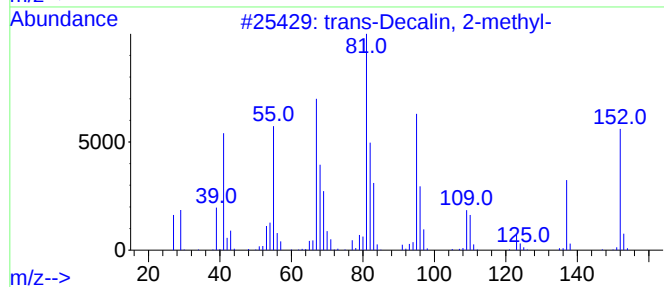
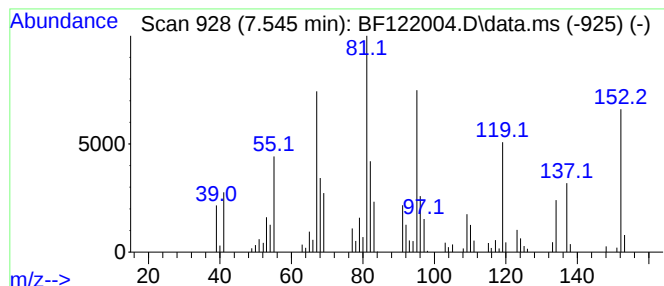
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	4.50 ng	205297	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			Pulegone	152	C10H16O	000089-82-7	60
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	53
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
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Misc :
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ClientSampleId :
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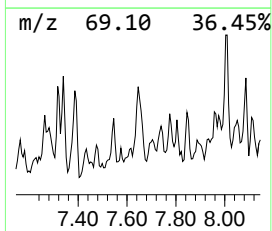
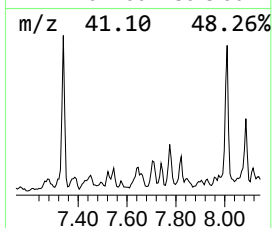
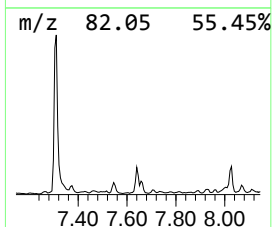
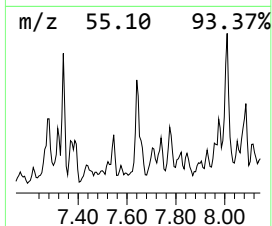
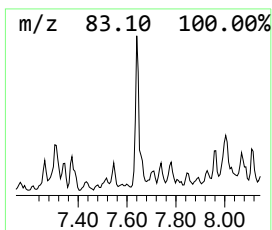
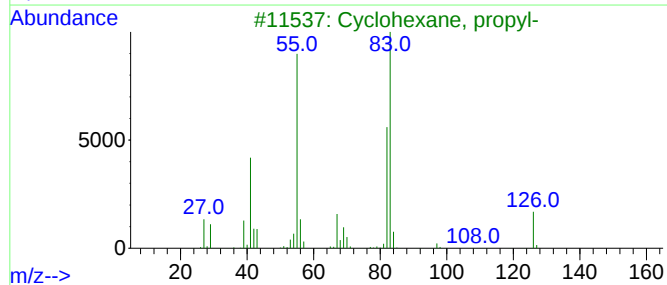
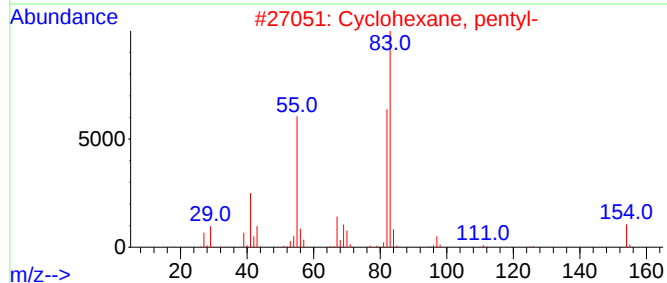
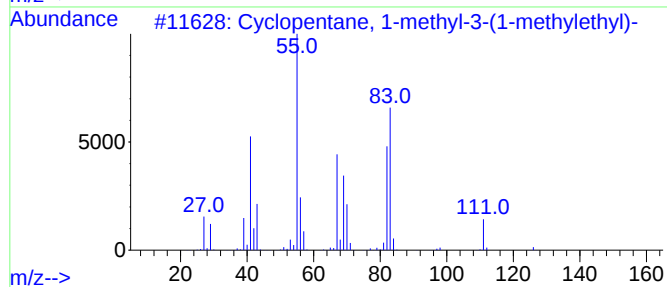
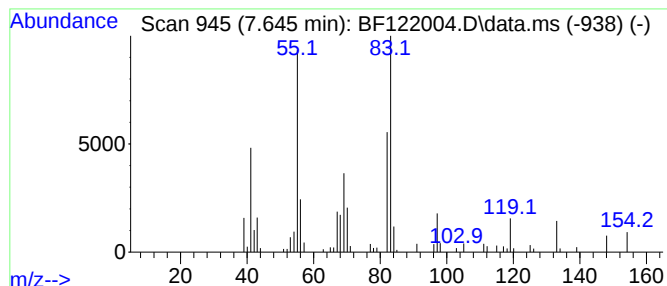
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopentane, 1-methyl-3-(1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.645	4.78 ng	218098	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	74
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
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Misc :
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ClientSampleId :
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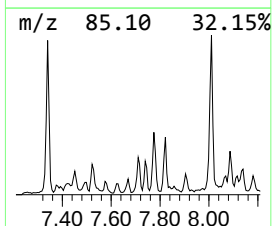
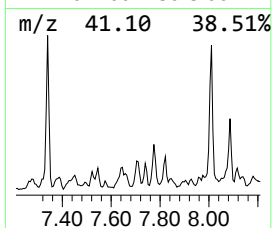
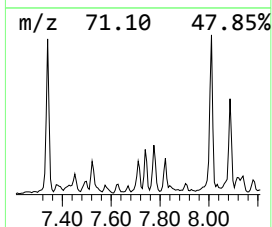
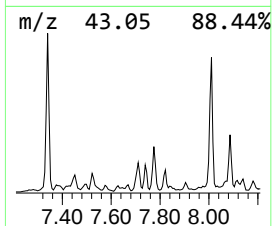
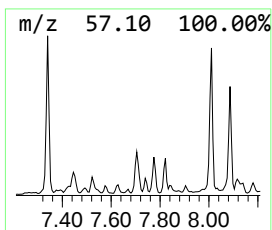
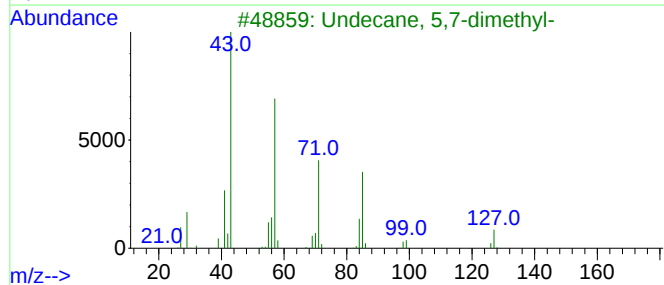
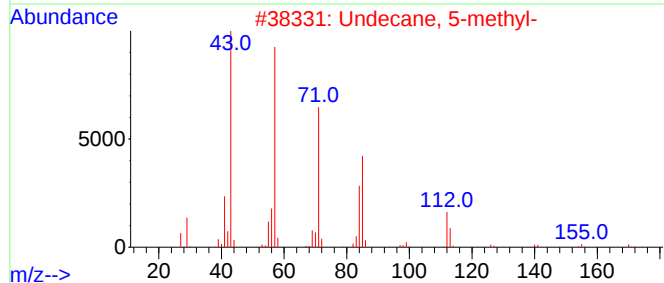
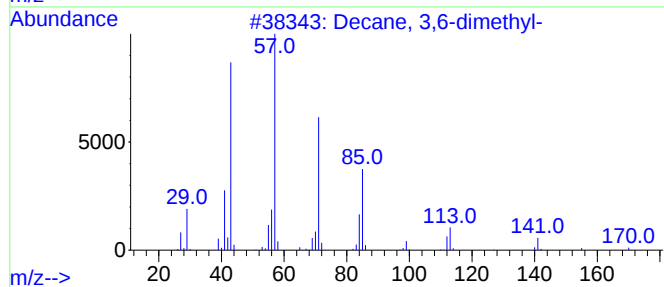
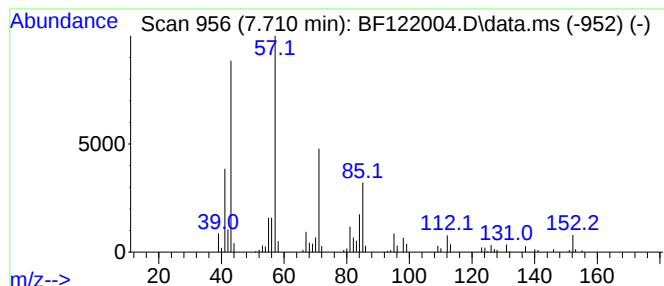
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	4.16 ng	189665	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	59
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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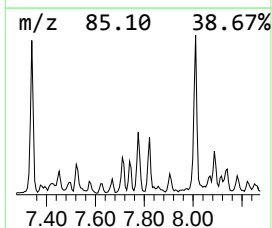
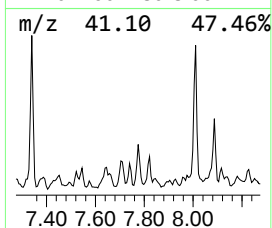
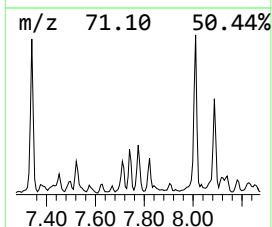
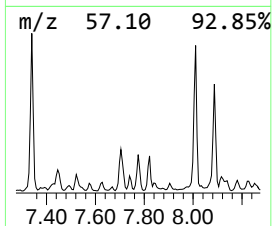
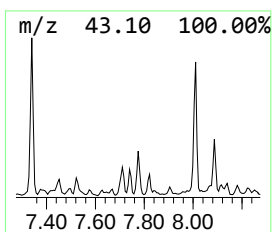
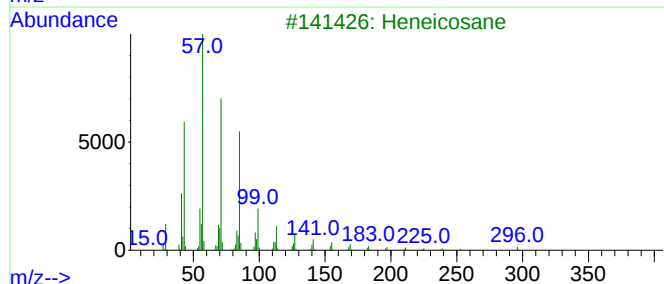
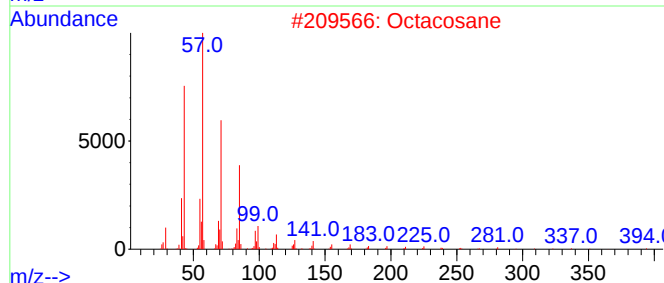
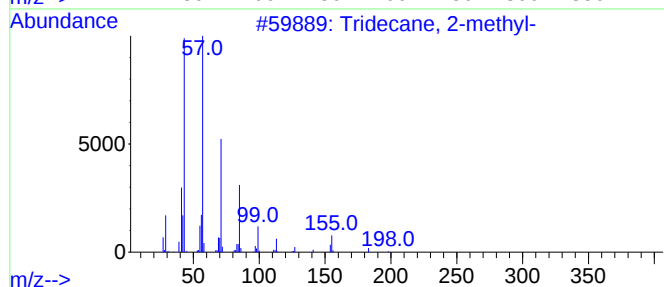
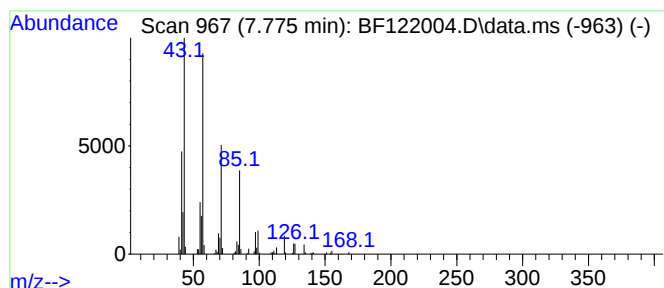
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.775	7.33 ng	334438	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
2			Octacosane	394	C28H58	000630-02-4	64
3			Heneicosane	296	C21H44	000629-94-7	59
4			Tetracosane	338	C24H50	000646-31-1	59
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
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Misc :
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Instrument :
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ClientSampleId :
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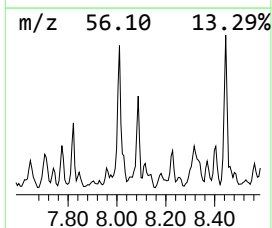
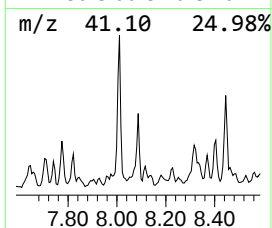
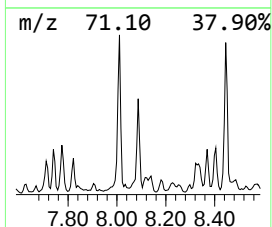
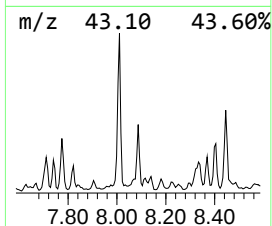
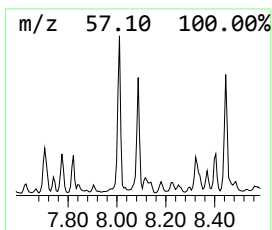
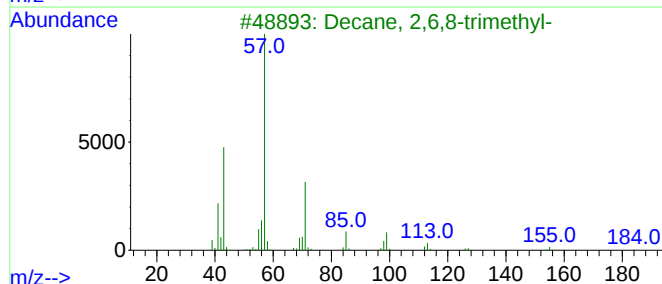
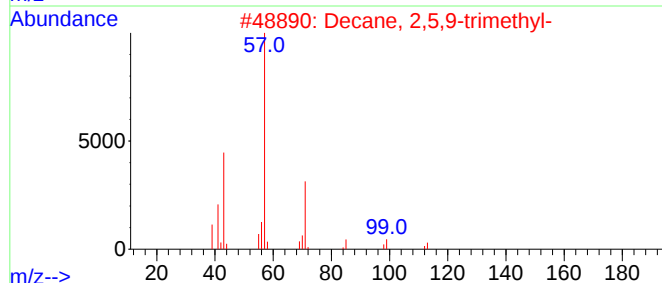
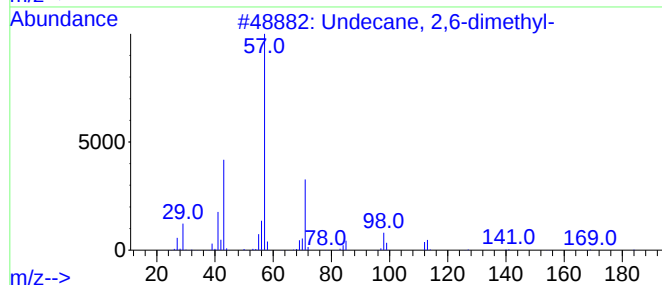
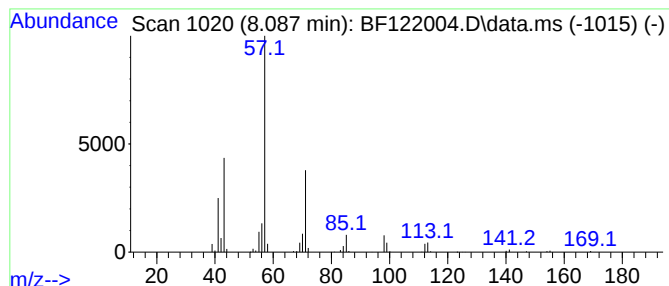
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.087	9.21 ng	420331	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	86		
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72		
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72		
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64		
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
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Misc :
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ClientSampleId :
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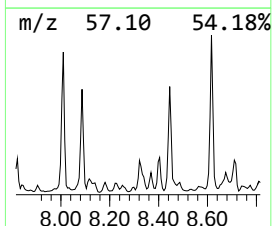
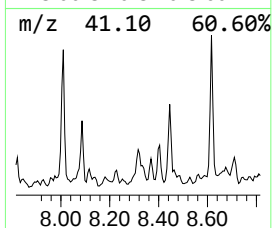
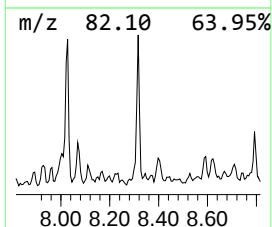
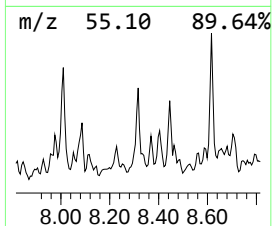
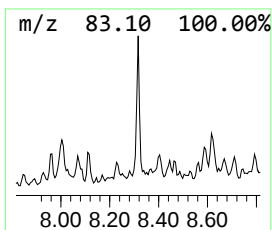
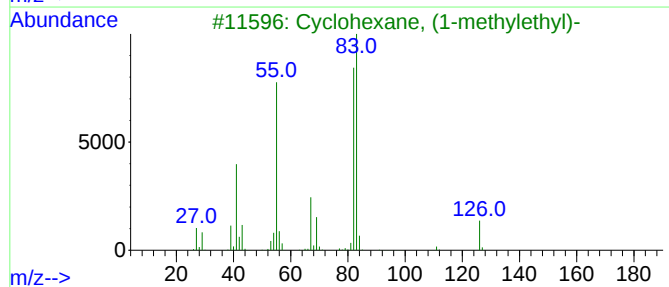
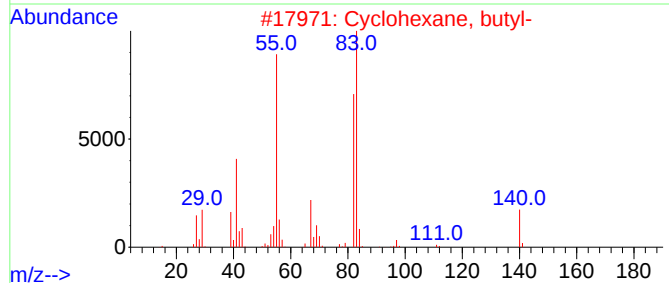
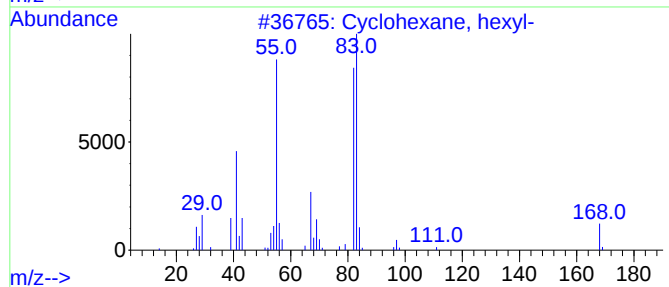
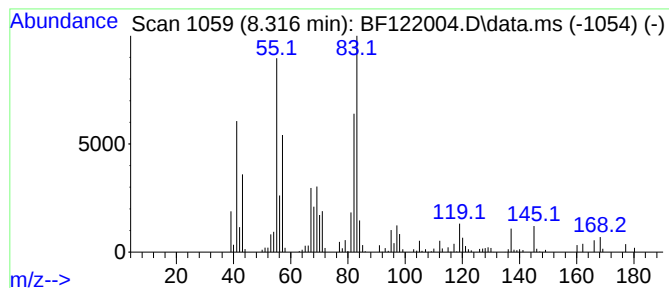
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexane, hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.316	8.84 ng	403533	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	58
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
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Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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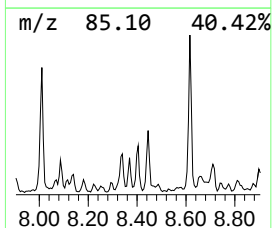
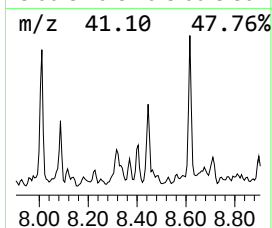
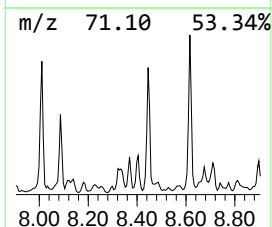
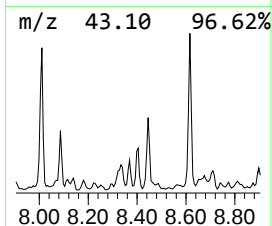
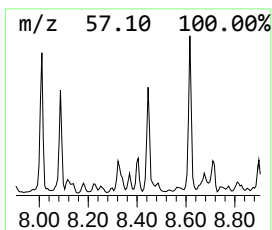
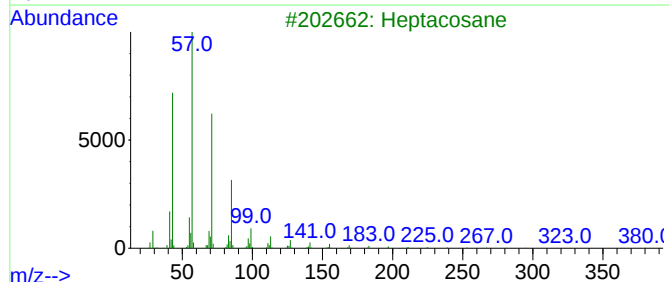
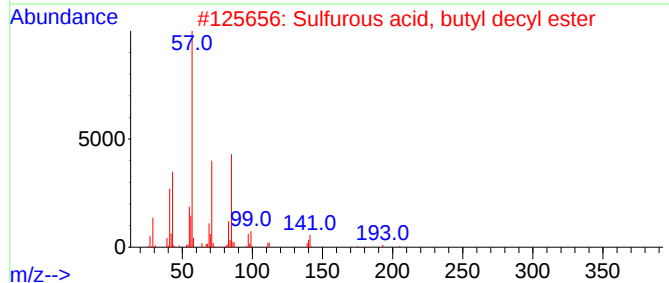
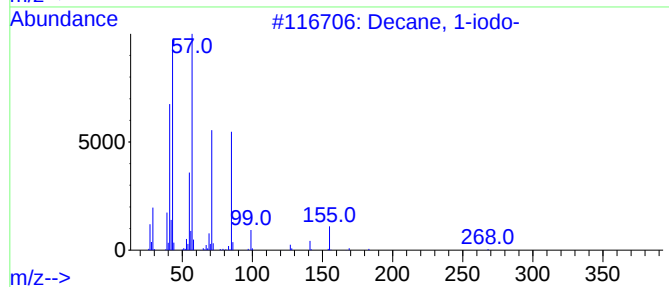
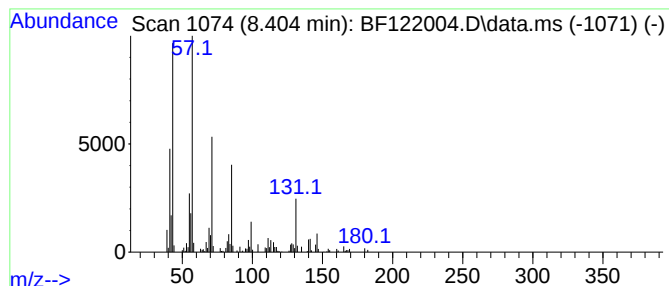
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.404	5.62 ng	256268	Naphthalene-d8	8.028

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 1-iodo-	268	C10H21I	002050-77-3	64
2		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3		Heptacosane	380	C27H56	000593-49-7	58
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
5		1-Iodoundecane	282	C11H23I	004282-44-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

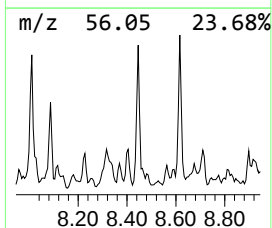
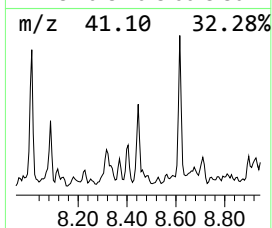
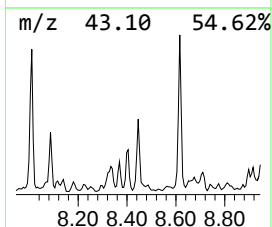
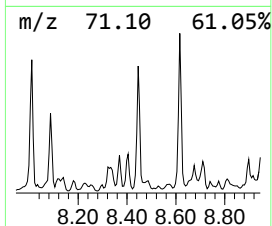
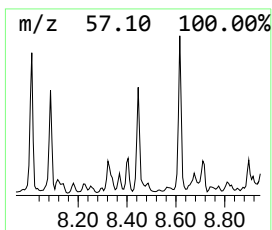
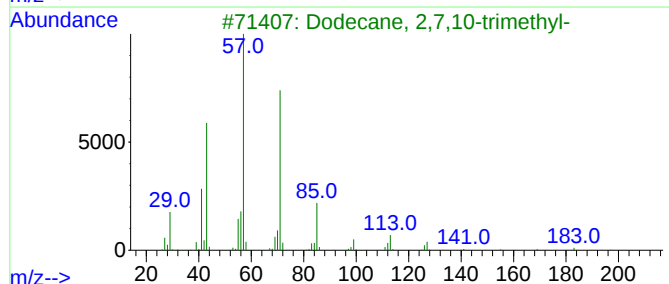
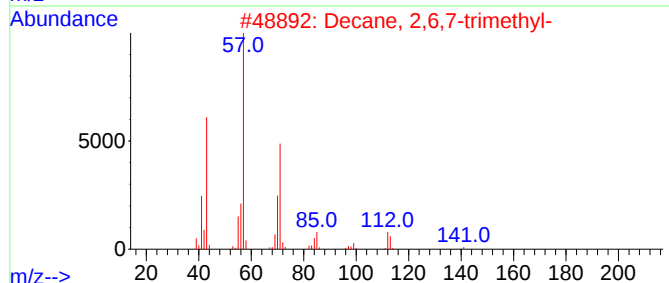
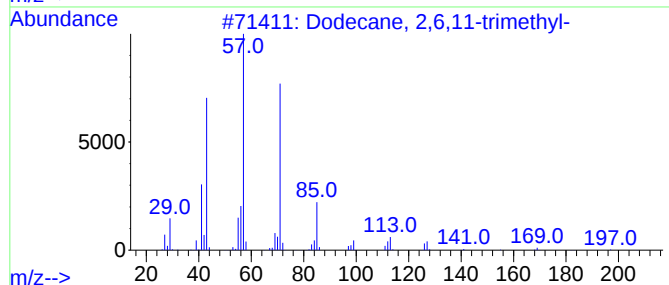
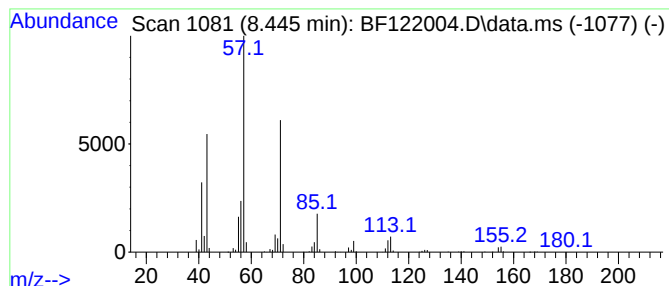
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	10.19 ng	465124	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	80
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

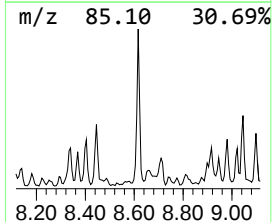
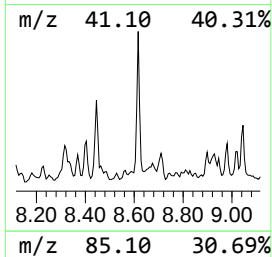
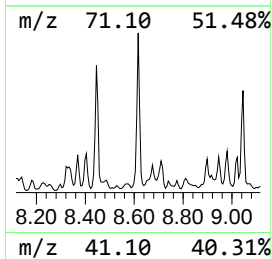
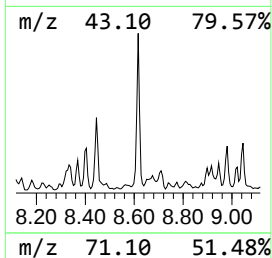
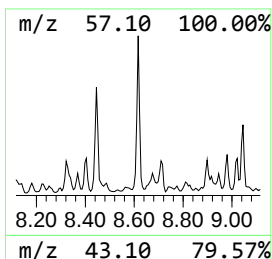
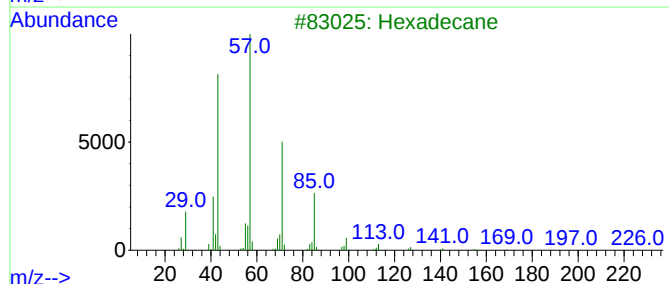
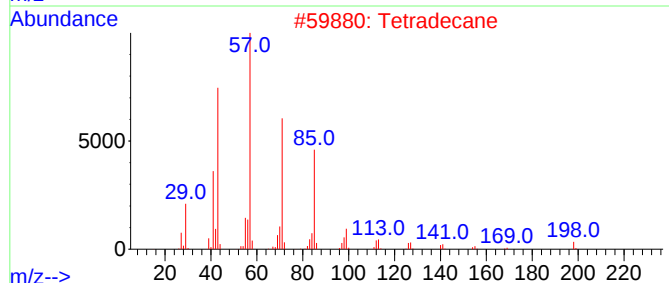
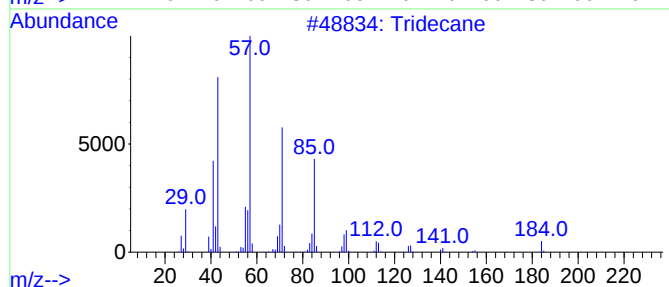
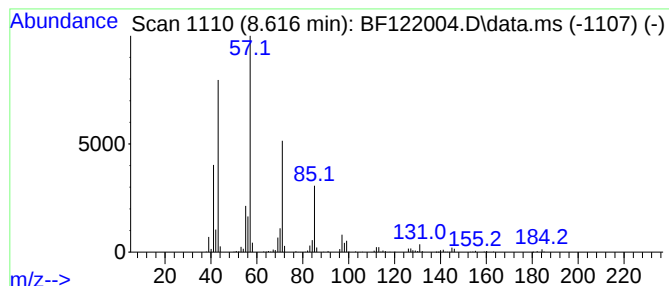
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	16.40 ng	748214	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			Tetradecane	198	C14H30	000629-59-4	86
3			Hexadecane	226	C16H34	000544-76-3	80
4			Dodecane	170	C12H26	000112-40-3	78
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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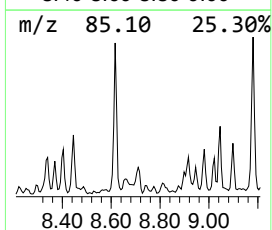
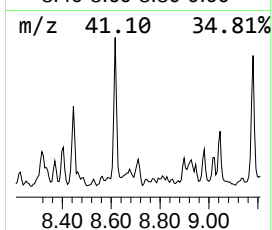
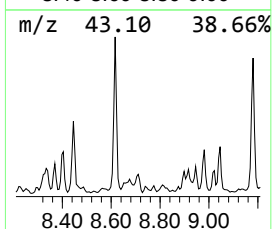
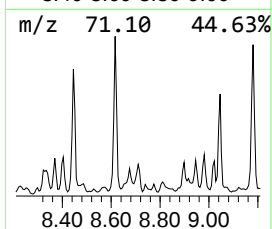
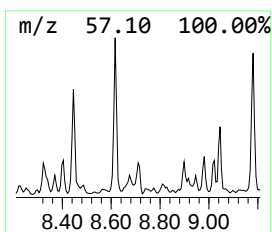
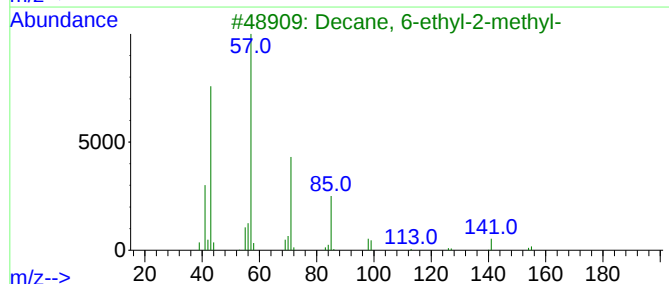
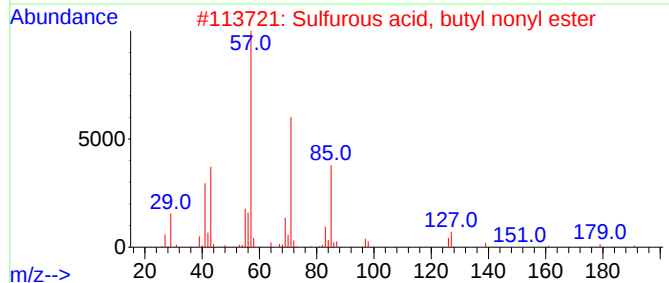
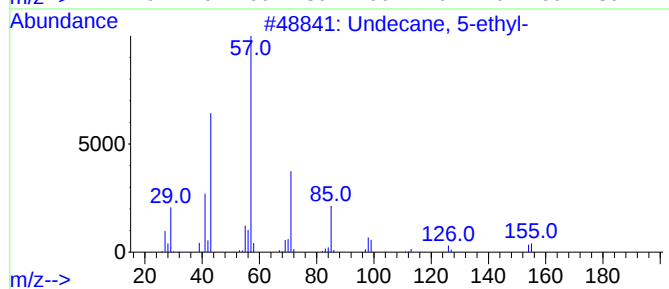
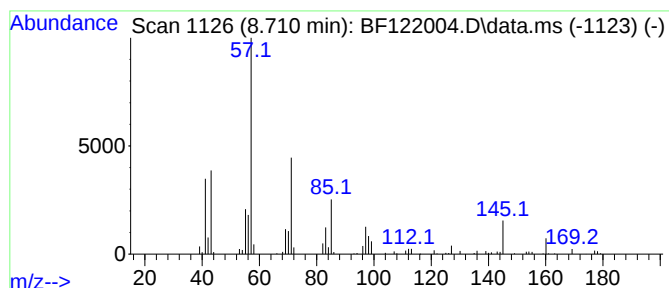
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 5-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.710	5.23 ng	238716	Naphthalene-d8	8.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
4			Octacosane	394	C28H58	000630-02-4	53
5			Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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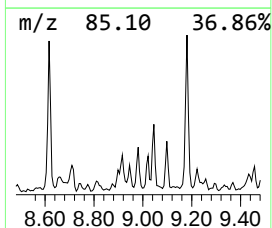
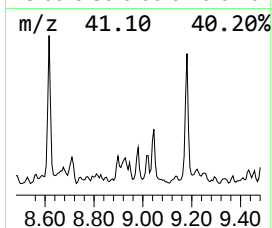
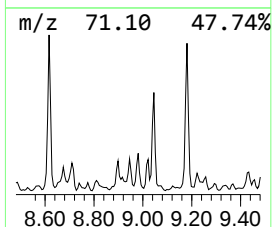
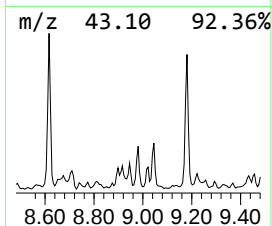
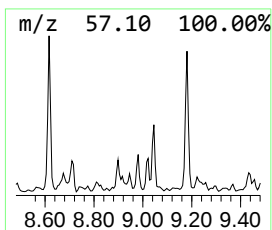
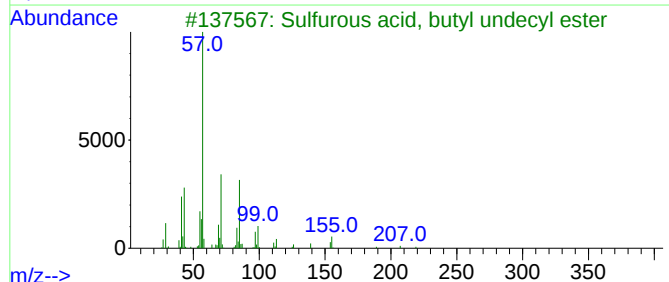
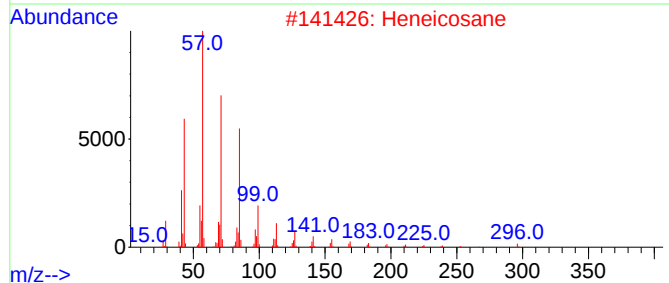
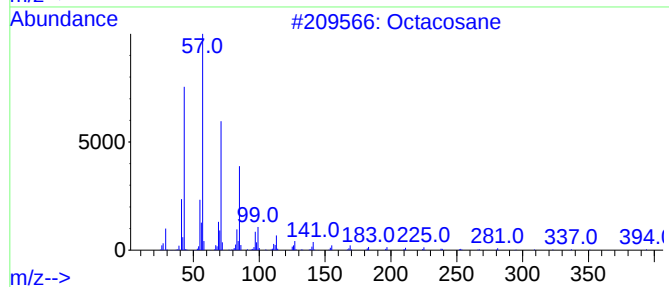
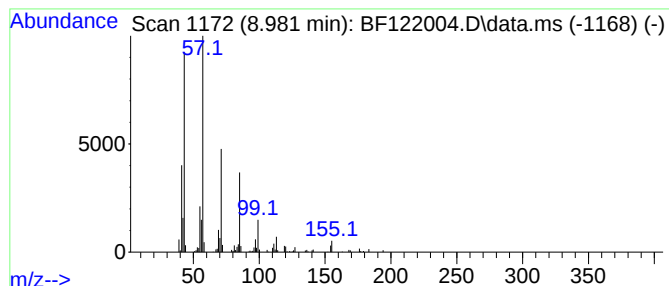
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	4.83 ng	253775	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	78
2		Heneicosane	296	C21H44	000629-94-7	78
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

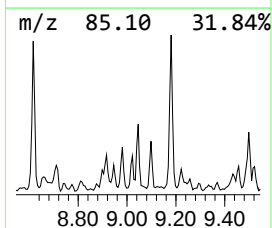
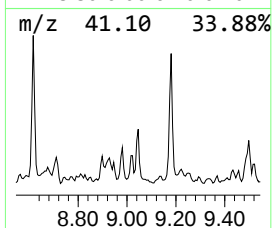
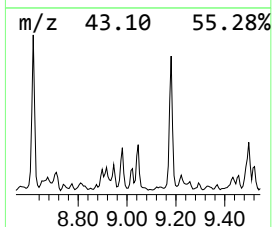
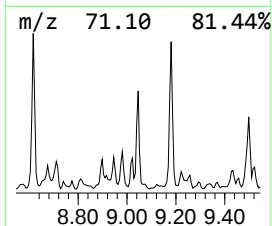
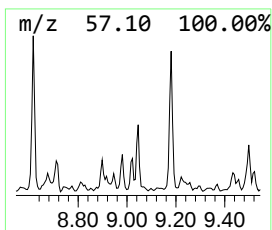
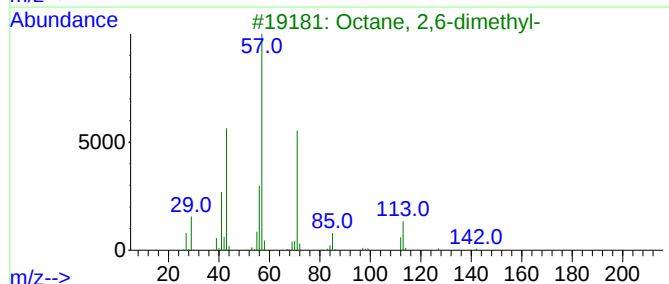
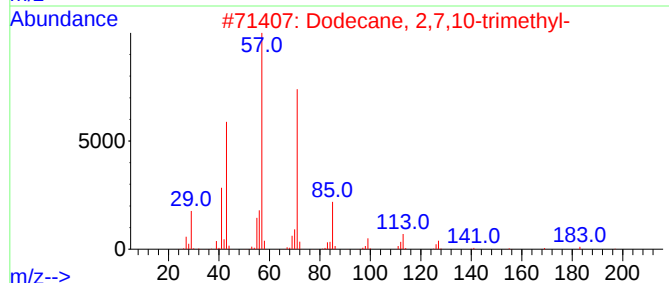
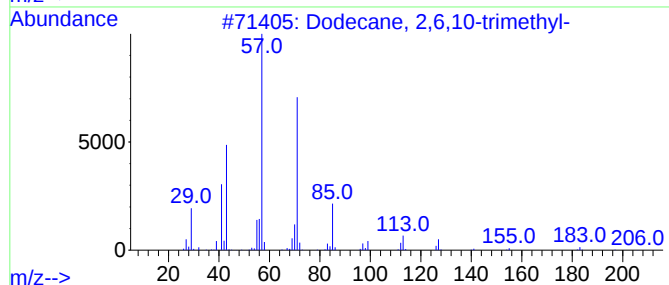
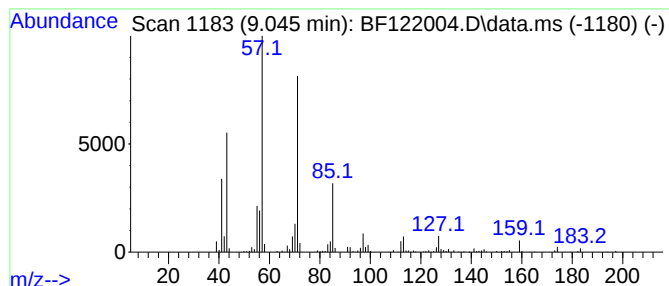
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.045	7.45 ng	391885	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
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Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

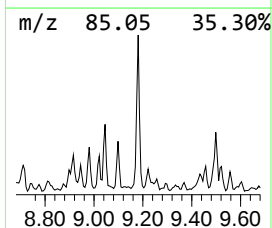
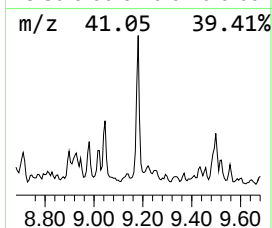
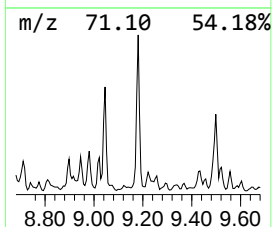
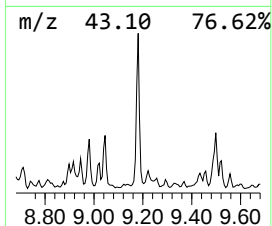
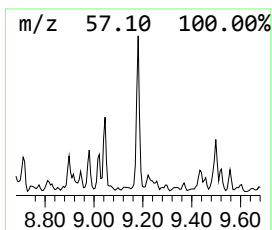
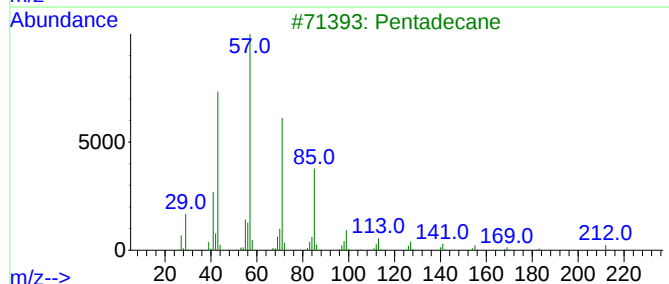
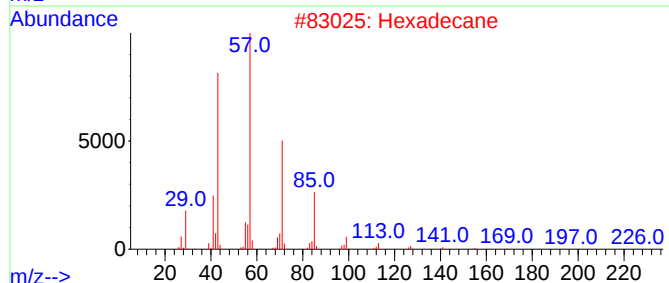
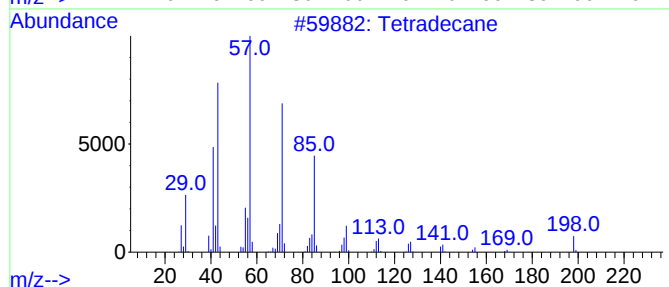
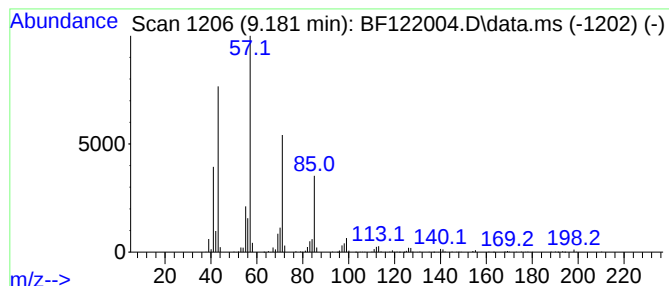
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	15.12 ng	795304	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	86
5		Undecane	156	C11H24	001120-21-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-101420

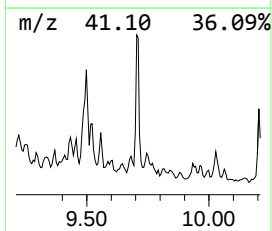
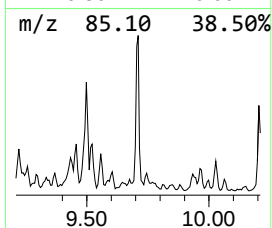
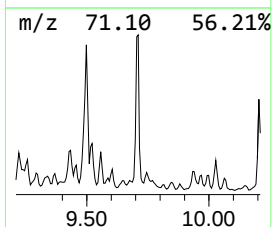
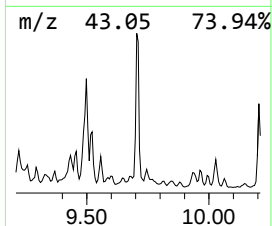
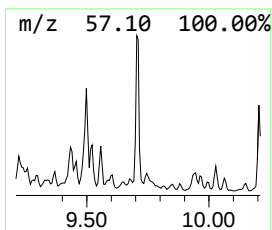
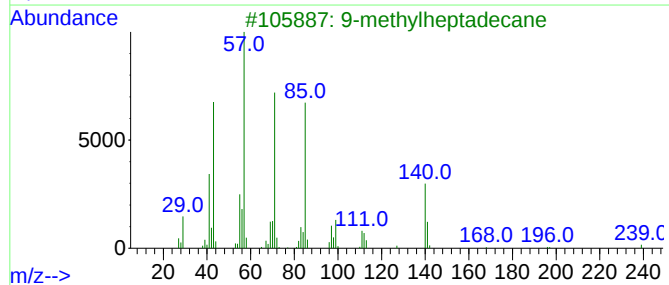
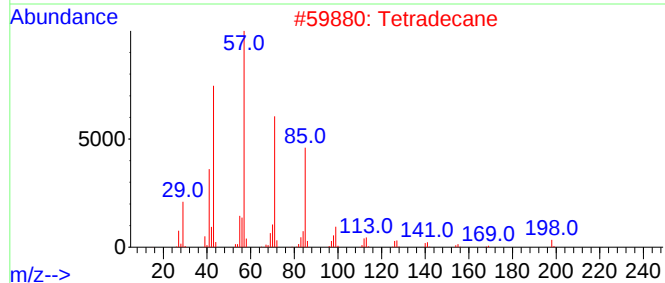
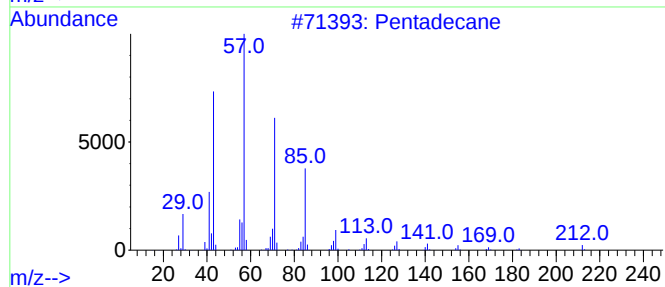
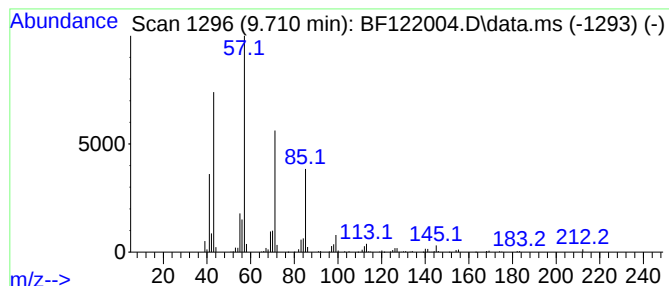
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	7.27 ng	382251	Acenaphthene-d10	9.775

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	93
2		Tetradecane	198	C14H30	000629-59-4	86
3		9-methylheptadecane	254	C18H38	026741-18-4	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
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Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

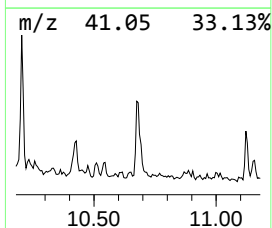
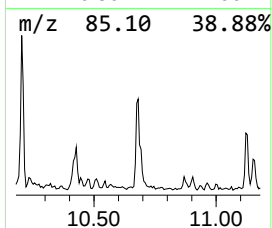
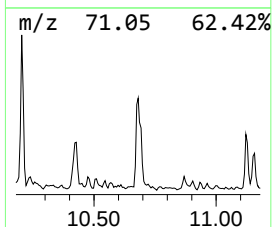
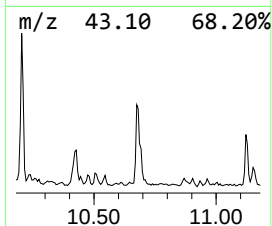
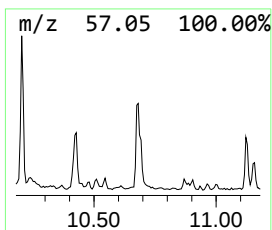
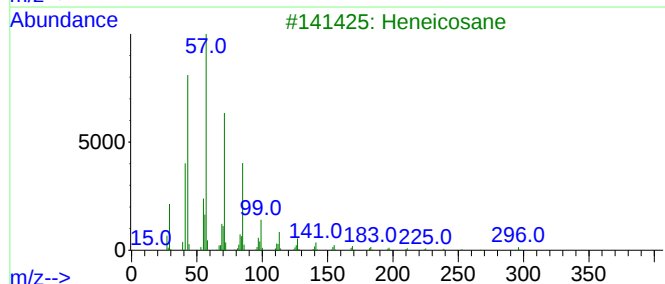
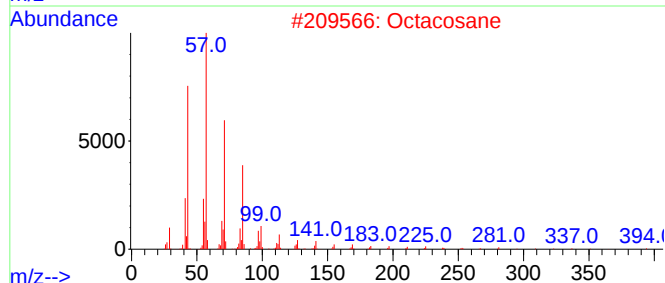
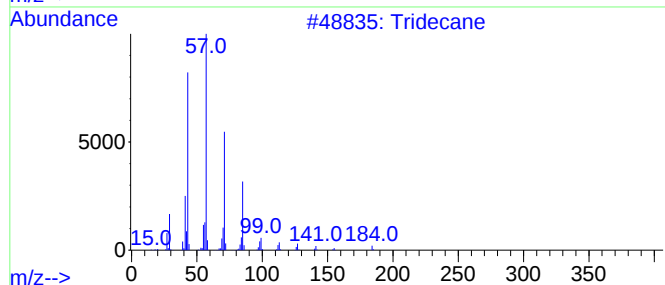
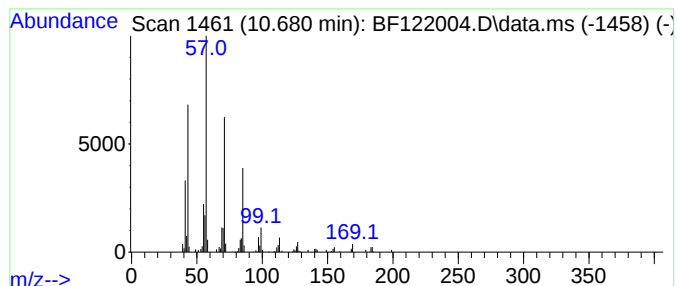
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.681	4.47 ng	206811	Phenanthrene-d10		11.263	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

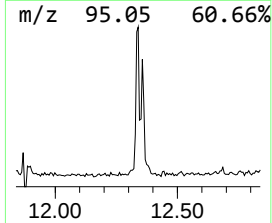
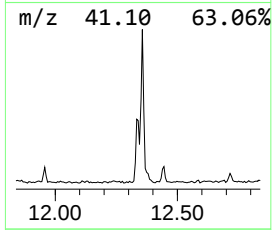
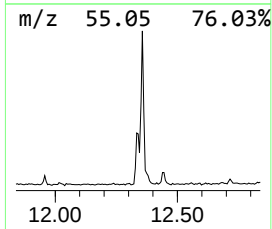
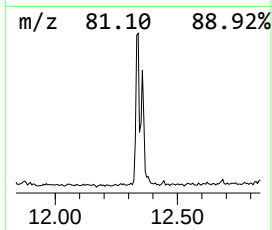
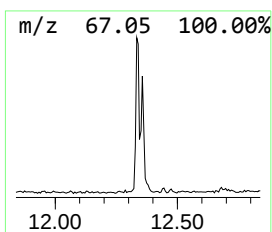
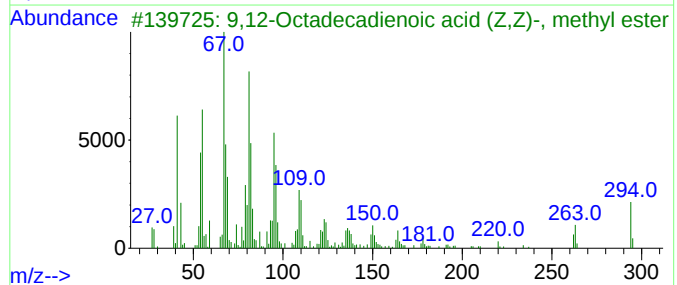
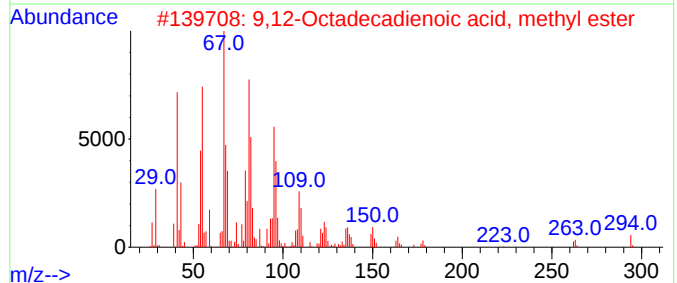
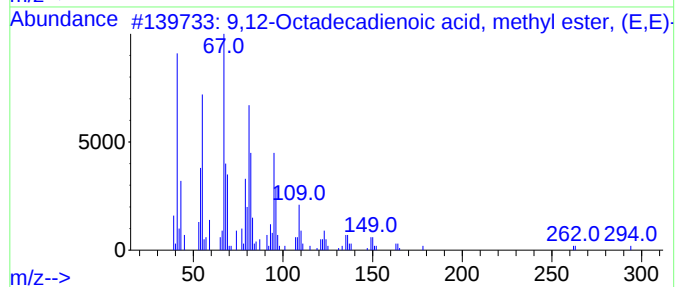
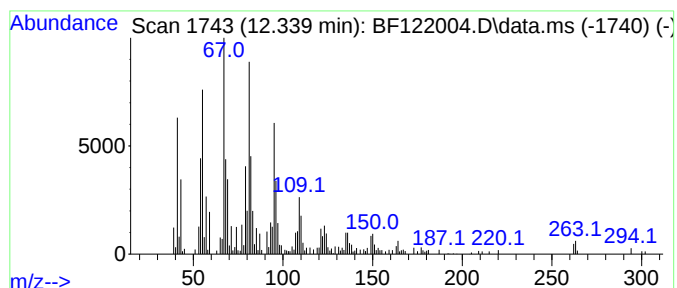
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.339	7.09 ng	328512	Phenanthrene-d10	11.263	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
Data File : BF122004.D
Acq On : 15 Oct 2020 21:53
Operator : JU/CG
Sample : L4223-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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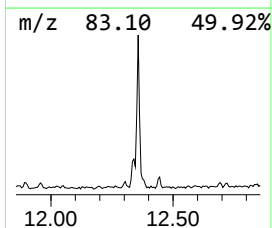
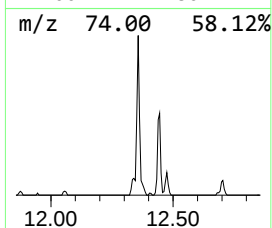
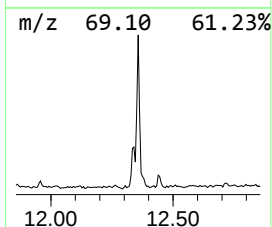
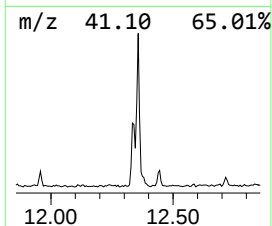
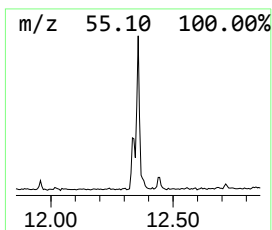
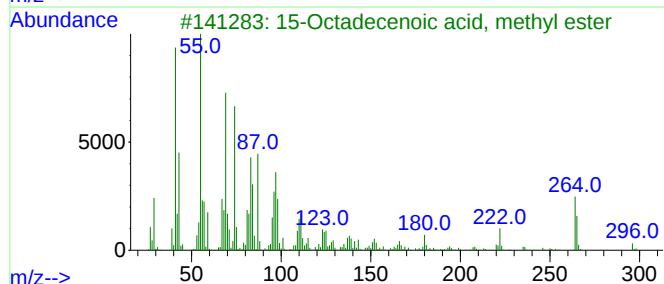
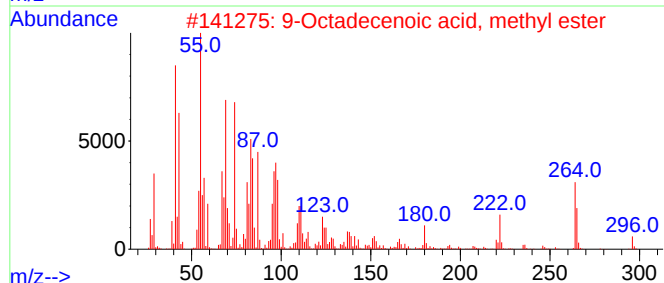
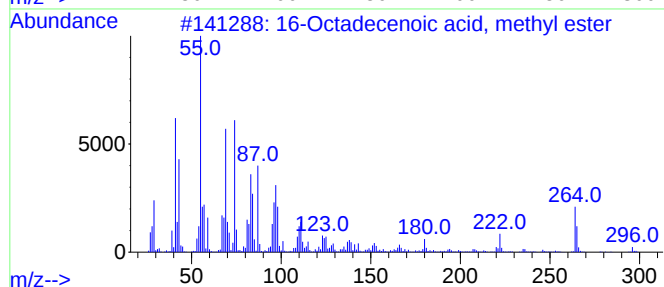
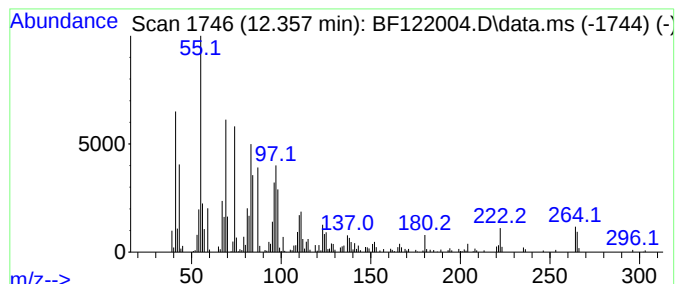
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	12.89 ng	596754	Phenanthrene-d10	11.263

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101520\
 Data File : BF122004.D
 Acq On : 15 Oct 2020 21:53
 Operator : JU/CG
 Sample : L4223-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-101420

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Decane	6.575	10.6	ng	440223	1	6.740	833888	20.0
Decane, 3-methyl-	7.128	6.0	ng	248764	1	6.740	833888	20.0
unknown7.387	7.387	4.2	ng	192853	2	8.028	912640	20.0
trans-Decalin, ...	7.545	4.5	ng	205297	2	8.028	912640	20.0
Cyclopentane, 1...	7.645	4.8	ng	218098	2	8.028	912640	20.0
Decane, 3,6-dim...	7.710	4.2	ng	189665	2	8.028	912640	20.0
Tridecane, 2-me...	7.775	7.3	ng	334438	2	8.028	912640	20.0
Undecane, 2,6-d...	8.087	9.2	ng	420331	2	8.028	912640	20.0
Cyclohexane, he...	8.316	8.8	ng	403533	2	8.028	912640	20.0
Decane, 1-iodo-	8.404	5.6	ng	256268	2	8.028	912640	20.0
Dodecane, 2,6,1...	8.445	10.2	ng	465124	2	8.028	912640	20.0
Tridecane	8.616	16.4	ng	748214	2	8.028	912640	20.0
Undecane, 5-ethyl-	8.710	5.2	ng	238716	2	8.028	912640	20.0
Octacosane	8.981	4.8	ng	253775	3	9.775	1051690	20.0
Dodecane, 2,6,1...	9.045	7.5	ng	391885	3	9.775	1051690	20.0
Tetradecane	9.181	15.1	ng	795304	3	9.775	1051690	20.0
Pentadecane	9.710	7.3	ng	382251	3	9.775	1051690	20.0
Heneicosane	10.681	4.5	ng	206811	4	11.263	926280	20.0
9,12-Octadecadi...	12.339	7.1	ng	328512	4	11.263	926280	20.0
16-Octadecenoic...	12.357	12.9	ng	596754	4	11.263	926280	20.0