

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051420\
 Data File : BF120312.D
 Acq On : 15 May 2020 1:08
 Operator : MA/SJ
 Sample : L2501-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	532	535	549	rBV	772835	1056203	23.21%	1.955%
2	5.510	579	582	588	rBV	167745	180180	3.96%	0.333%
3	5.757	622	624	629	rVB2	110767	112732	2.48%	0.209%
4	5.863	638	642	648	rVB	240574	294986	6.48%	0.546%
5	6.051	668	674	677	rBV3	129056	171121	3.76%	0.317%
6	6.122	683	686	687	rBV	153331	113404	2.49%	0.210%
7	6.151	687	691	693	rVV2	227226	255067	5.60%	0.472%
8	6.210	698	701	706	rBV2	286859	326621	7.18%	0.604%
9	6.275	706	712	722	rBV2	681979	1142546	25.11%	2.114%
10	6.357	722	726	730	rVV4	178914	278621	6.12%	0.516%
11	6.463	738	744	749	rBV	1408287	1284009	28.21%	2.376%
12	6.569	756	762	764	rBV5	71710	144273	3.17%	0.267%
13	6.622	767	771	773	rBV	1488850	1439121	31.62%	2.663%
14	6.681	778	781	785	rVV2	303467	344610	7.57%	0.638%
15	6.745	790	792	794	rVV	126142	104649	2.30%	0.194%
16	6.775	794	797	801	rVV2	1066965	1116237	24.53%	2.066%
17	6.804	801	802	805	rVB2	181421	120352	2.64%	0.223%
18	6.863	809	812	813	rBV2	103460	109489	2.41%	0.203%
19	6.904	815	819	822	rVB3	383379	472688	10.39%	0.875%
20	6.939	822	825	828	rBV2	352446	385575	8.47%	0.714%
21	6.969	828	830	835	rVB	481253	417511	9.17%	0.773%
22	7.016	835	838	842	rBV2	736944	718612	15.79%	1.330%
23	7.092	848	851	853	rBV	129820	137981	3.03%	0.255%
24	7.116	853	855	858	rVV	148296	164267	3.61%	0.304%
25	7.163	858	863	865	rVV3	421374	629216	13.83%	1.164%
26	7.186	865	867	872	rVV2	690298	966061	21.23%	1.788%
27	7.234	872	875	877	rVV	1892777	1788960	39.31%	3.311%
28	7.275	877	882	885	rVV4	341233	602214	13.23%	1.114%
29	7.310	885	888	891	rVV3	202550	297868	6.55%	0.551%
30	7.345	891	894	897	rVV3	346972	406139	8.92%	0.752%
31	7.392	897	902	904	rVV4	168637	315615	6.94%	0.584%
32	7.428	904	908	912	rVV2	608724	792589	17.42%	1.467%
33	7.469	912	915	917	rVV2	101975	108102	2.38%	0.200%
34	7.539	920	927	929	rVV4	417352	786883	17.29%	1.456%

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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.563	929	931	933	rVV2	197868	212211	4.66%	0.393%
36	7.598	933	937	940	rVV3	407449	607668	13.35%	1.125%
37	7.633	940	943	944	rVV2	480680	468152	10.29%	0.866%
38	7.669	947	949	954	rVV3	570853	757431	16.64%	1.402%
39	7.710	954	956	958	rVV2	470037	457169	10.05%	0.846%
40	7.734	958	960	961	rVV2	360945	351522	7.72%	0.651%
41	7.781	965	968	969	rVV2	116925	122154	2.68%	0.226%
42	7.816	972	974	976	rVB2	133241	109555	2.41%	0.203%
43	7.863	977	982	984	rVV4	243996	377119	8.29%	0.698%
44	7.904	984	989	996	rVV2	3433621	4551024	100.00%	8.422%
45	7.957	996	998	999	rVV	468251	392353	8.62%	0.726%
46	7.981	999	1002	1004	rVV	837100	825915	18.15%	1.528%
47	8.004	1004	1006	1009	rVV2	288084	314003	6.90%	0.581%
48	8.028	1009	1010	1013	rVB3	178126	146001	3.21%	0.270%
49	8.075	1013	1018	1021	rBV5	222657	359065	7.89%	0.664%
50	8.110	1021	1024	1028	rVV2	298337	406480	8.93%	0.752%
51	8.151	1028	1031	1033	rVV2	170254	155891	3.43%	0.288%
52	8.204	1035	1040	1043	rVV5	403494	761544	16.73%	1.409%
53	8.263	1047	1050	1052	rVV3	356775	347063	7.63%	0.642%
54	8.292	1052	1055	1058	rVV	515957	492957	10.83%	0.912%
55	8.339	1058	1063	1067	rVV	882537	1023487	22.49%	1.894%
56	8.375	1067	1069	1072	rVB2	195603	154715	3.40%	0.286%
57	8.410	1072	1075	1079	rBV2	419820	403832	8.87%	0.747%
58	8.451	1079	1082	1084	rVV3	158536	160913	3.54%	0.298%
59	8.510	1088	1092	1097	rVV	1850604	1922386	42.24%	3.557%
60	8.569	1099	1102	1104	rVV	388652	426430	9.37%	0.789%
61	8.604	1104	1108	1111	rVB2	326271	401030	8.81%	0.742%
62	8.710	1123	1126	1127	rBV	131877	139893	3.07%	0.259%
63	8.728	1127	1129	1134	rVV2	330257	402510	8.84%	0.745%
64	8.792	1137	1140	1142	rBV2	253999	302526	6.65%	0.560%
65	8.816	1142	1144	1146	rVV3	218143	245996	5.41%	0.455%
66	8.839	1146	1148	1151	rVV3	167735	195405	4.29%	0.362%
67	8.875	1151	1154	1158	rVB	311374	291921	6.41%	0.540%
68	8.916	1158	1161	1162	rBV	191110	177413	3.90%	0.328%
69	8.939	1162	1165	1169	rVV2	595228	557029	12.24%	1.031%
70	8.980	1169	1172	1177	rVV	1133667	1073298	23.58%	1.986%
71	9.075	1184	1188	1191	rBV	1458551	1393569	30.62%	2.579%

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 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
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 Max Peaks: 100
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72	9.116	1191	1195	1196	rVV4	144267	199241	4.38%	0.369%
73	9.133	1196	1198	1200	rVB	171972	141906	3.12%	0.263%
74	9.298	1223	1226	1228	rBV4	76399	109681	2.41%	0.203%
75	9.328	1228	1231	1233	rVV2	192645	265881	5.84%	0.492%
76	9.392	1237	1242	1244	rVV2	565071	796896	17.51%	1.475%
77	9.416	1244	1246	1249	rVV2	304611	300166	6.60%	0.555%
78	9.451	1249	1252	1254	rVV3	177376	186718	4.10%	0.346%
79	9.480	1254	1257	1262	rVB5	101405	137183	3.01%	0.254%
80	9.604	1275	1278	1281	rVV	859341	757433	16.64%	1.402%
81	9.657	1281	1287	1296	rVB	2505515	2481503	54.53%	4.592%
82	9.833	1314	1317	1320	rBV2	76261	111562	2.45%	0.206%
83	9.863	1320	1322	1325	rVV2	106272	98195	2.16%	0.182%
84	9.922	1329	1332	1336	rVB2	173587	176846	3.89%	0.327%
85	10.098	1359	1362	1369	rVV	462780	427736	9.40%	0.792%
86	10.322	1396	1400	1402	rBV	164236	180368	3.96%	0.334%
87	10.445	1417	1421	1426	rBV	502888	558790	12.28%	1.034%
88	10.574	1440	1443	1450	rVB	321705	420152	9.23%	0.778%
89	11.022	1516	1519	1521	rBV	166054	145679	3.20%	0.270%
90	11.051	1521	1524	1530	rVB	81644	96693	2.12%	0.179%
91	11.139	1536	1539	1548	rBV	1918519	2031944	44.65%	3.760%
92	12.727	1805	1809	1819	rBV	853429	862137	18.94%	1.595%
93	13.639	1960	1964	1970	rVV	105374	152144	3.34%	0.282%
94	13.780	1984	1988	2001	rVB	1517950	1600878	35.18%	2.962%
95	14.262	2067	2070	2073	rVB	106155	98200	2.16%	0.182%
96	14.551	2116	2119	2126	rBV	162377	236796	5.20%	0.438%
97	14.857	2168	2171	2175	rBV	154354	195380	4.29%	0.362%
98	15.174	2220	2225	2229	rBV	1301543	1704858	37.46%	3.155%
99	15.592	2292	2296	2299	rBV2	113099	154280	3.39%	0.285%
100	15.792	2326	2330	2339	rBV7	121680	337258	7.41%	0.624%

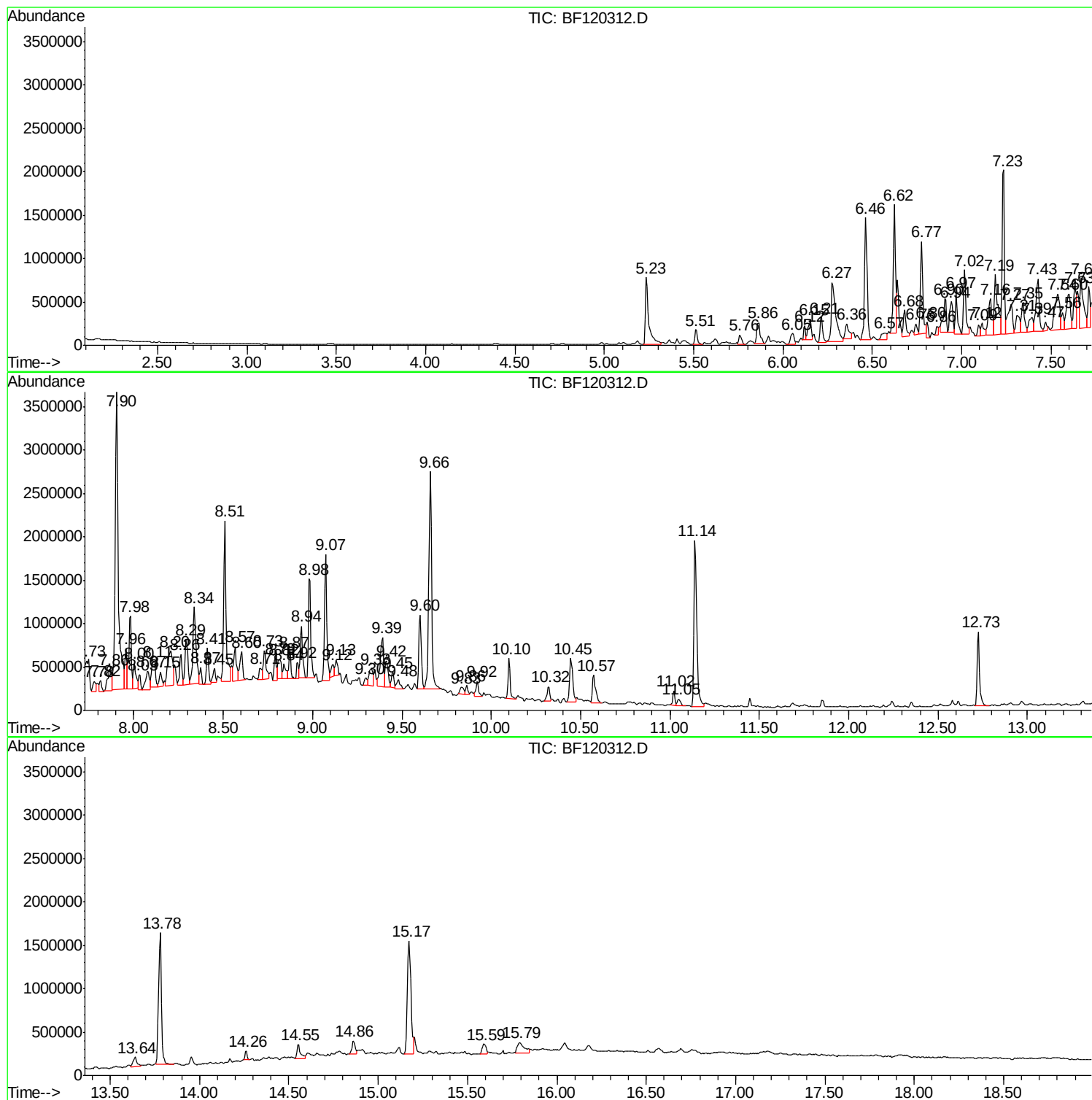
Sum of corrected areas: 54038636

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Sample : L2501-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-051320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.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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Instrument :
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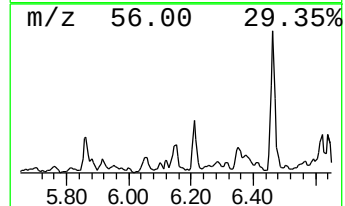
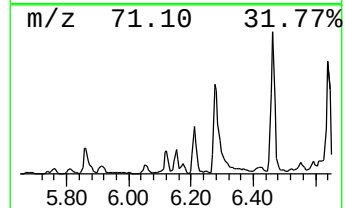
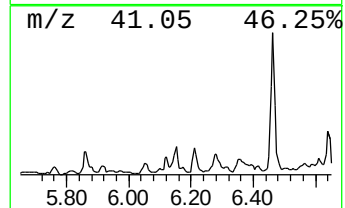
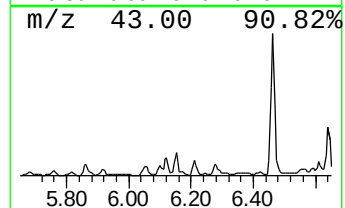
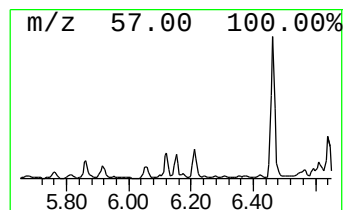
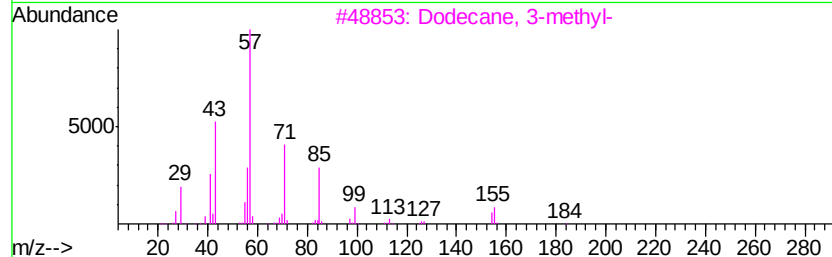
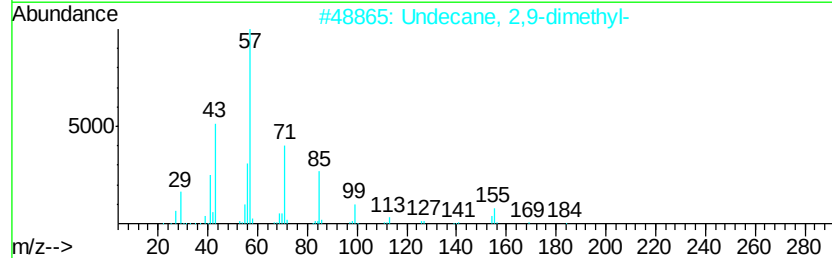
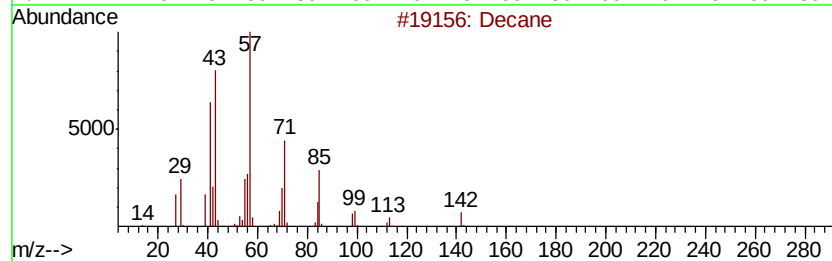
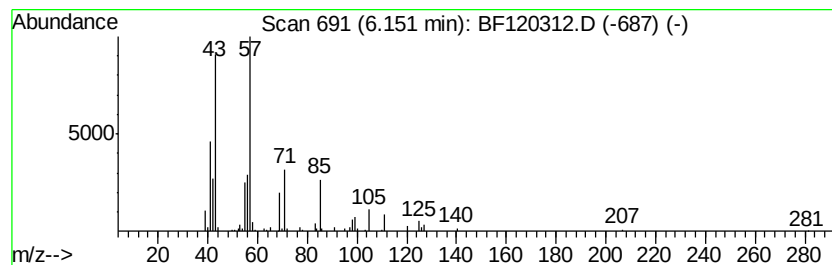
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Decane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	3.54 ng	255067	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	53
2	Undecane, 2,9-dimethyl-			184	C13H28	017301-26-7	50
3	Dodecane, 3-methyl-			184	C13H28	017312-57-1	50
4	Undecane, 3-methyl-			170	C12H26	001002-43-3	50
5	Octane, 1,1'-oxybis-			242	C16H34O	000629-82-3	47



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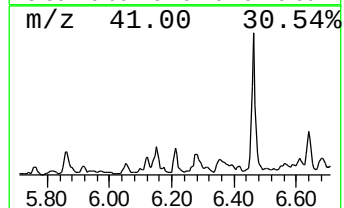
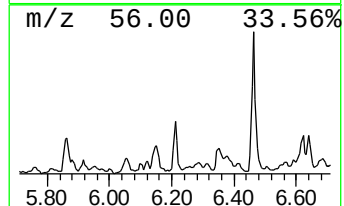
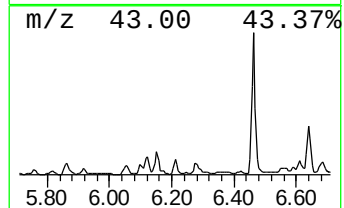
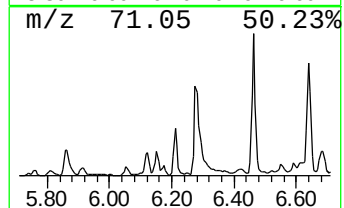
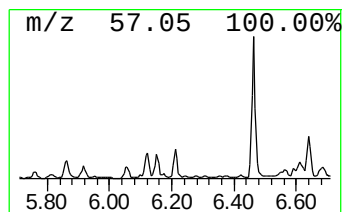
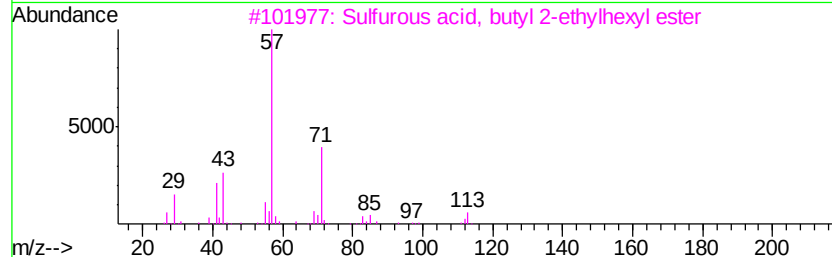
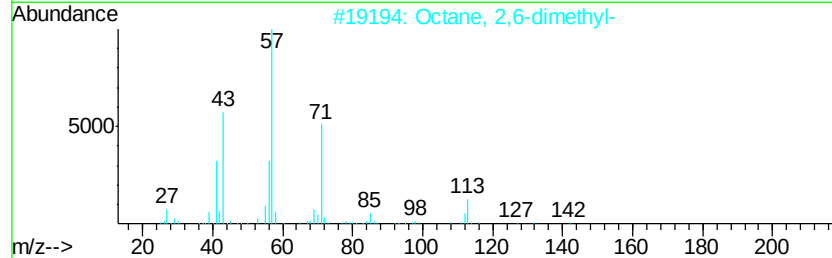
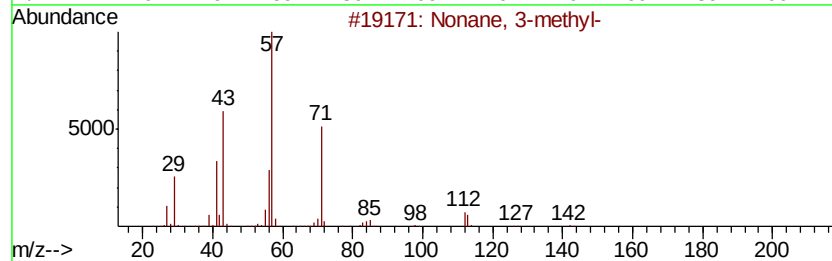
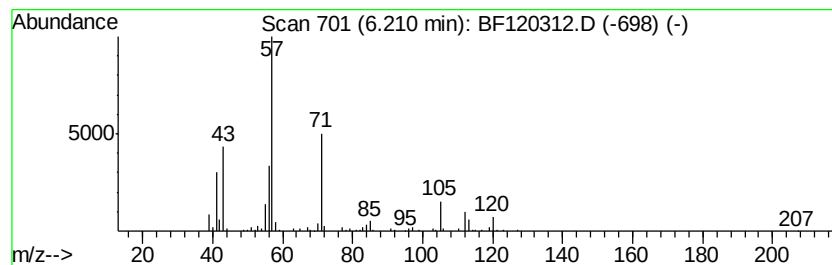
Instrument :
BNA_F
ClientSampleId :
EO-01-051320

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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 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.21	4.54 ng	326621	1,4-Dichlorobenzene-d4	6.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
3	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	45
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



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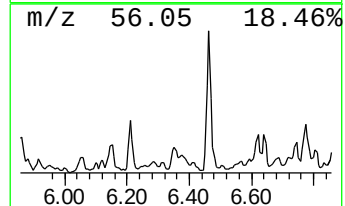
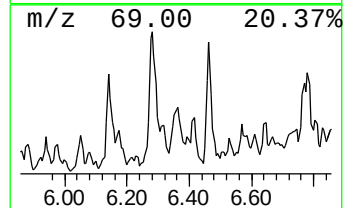
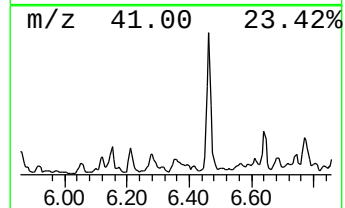
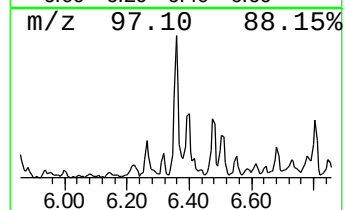
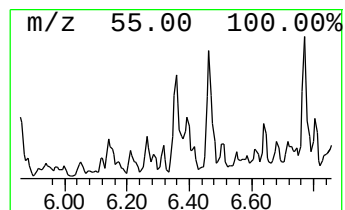
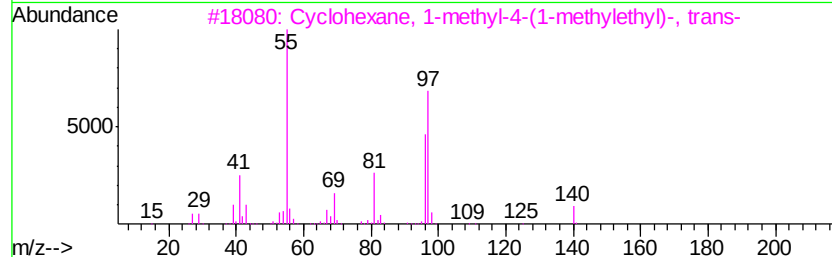
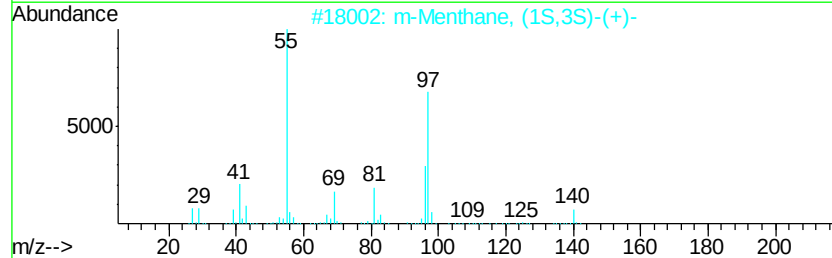
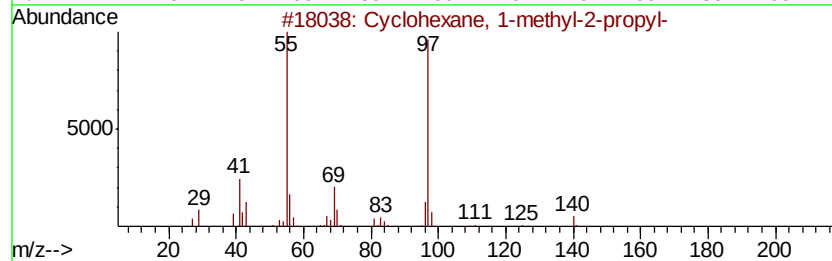
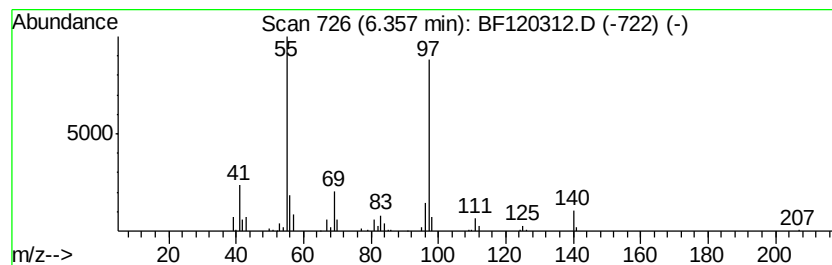
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1-methyl-2-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	3.87 ng	278621	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	72
3			Cyclohexane, 1-methyl-4-(1-methyl-...	140	C10H20	001678-82-6	72
4			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	72
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	68



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Data File : BF120312.D
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Operator : MA/SJ
Sample : L2501-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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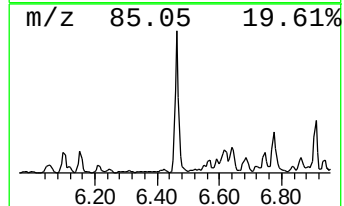
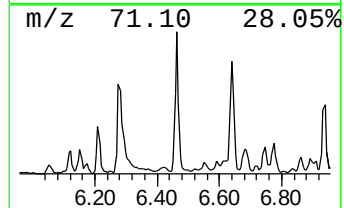
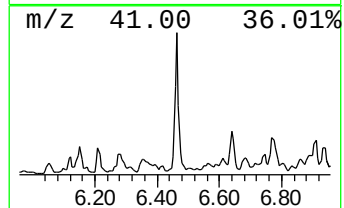
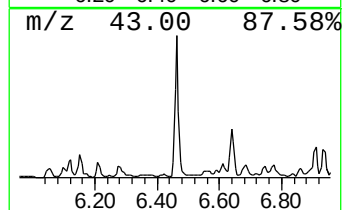
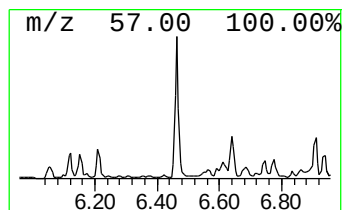
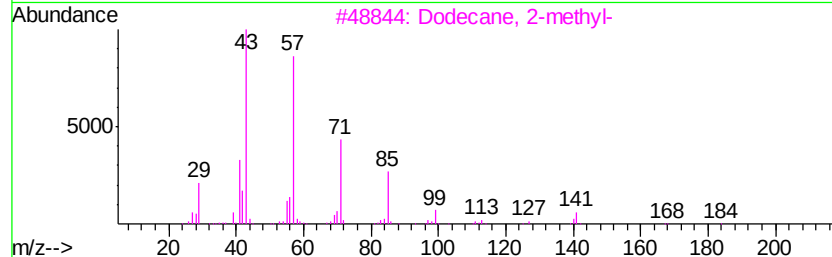
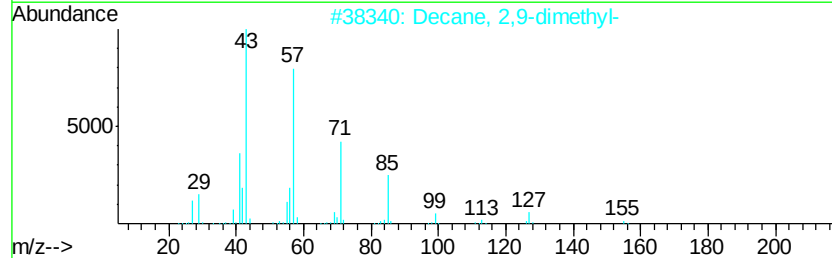
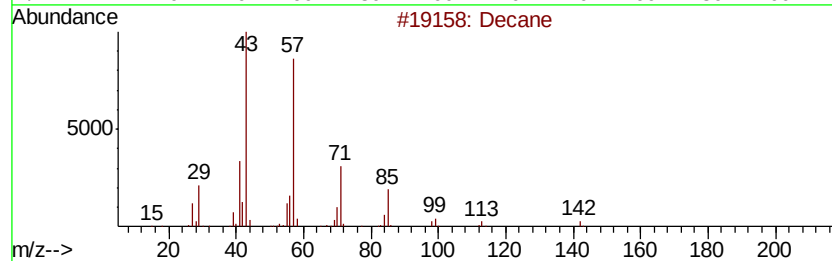
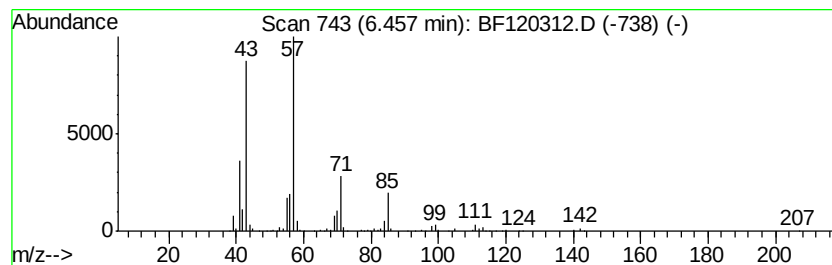
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2,9-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	17.84 ng	1284010	1,4-Dichlorobenzene-d4	6.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	72
2	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	59
3	Dodecane, 2-methyl-		184	C13H28	001560-97-0	59
4	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	59
5	Octane, 2,3,3-trimethyl-		156	C11H24	062016-30-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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ClientSampleId :
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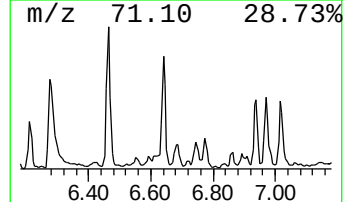
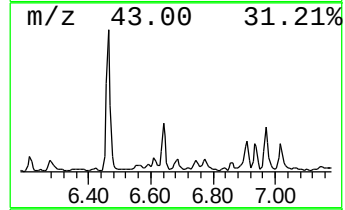
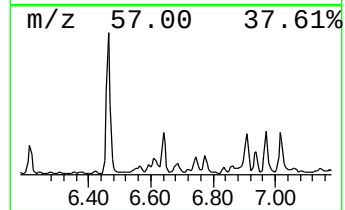
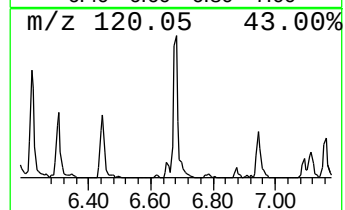
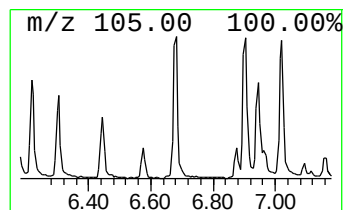
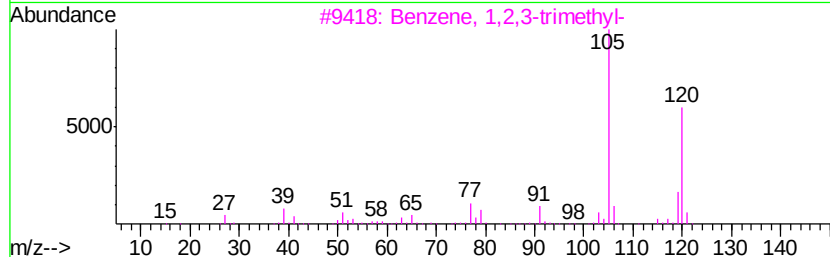
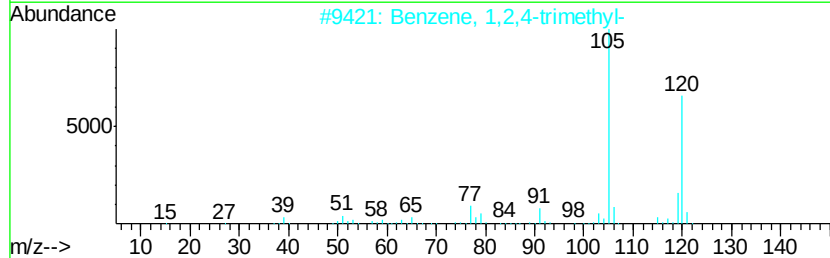
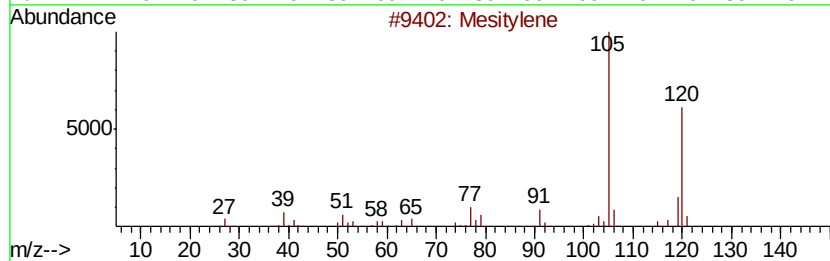
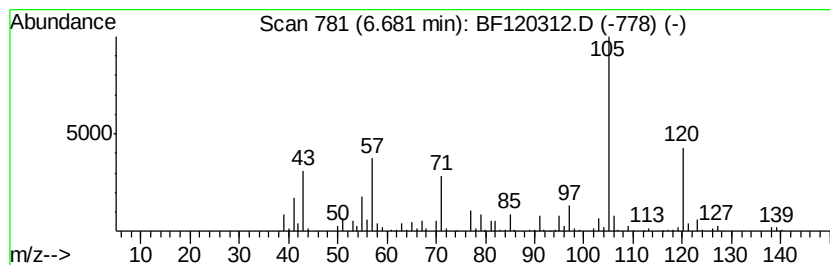
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.79 ng	344610	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	60
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	60
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	60
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	49
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120312.D
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Sample : L2501-01 5X
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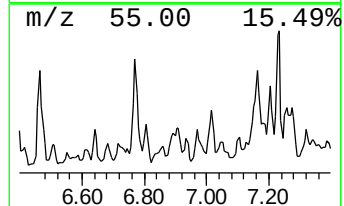
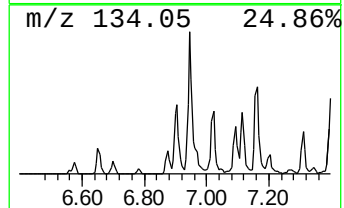
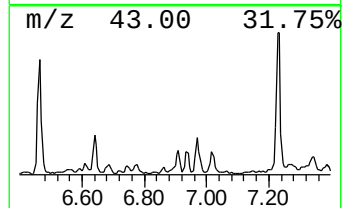
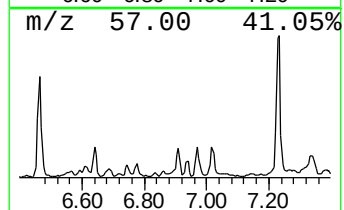
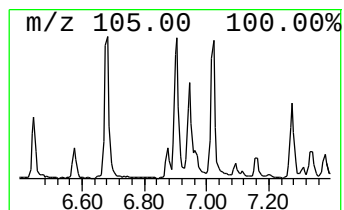
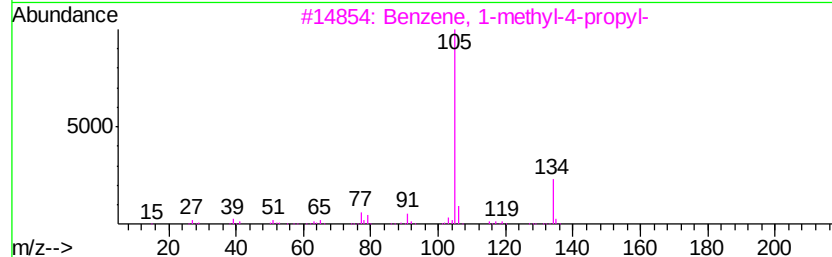
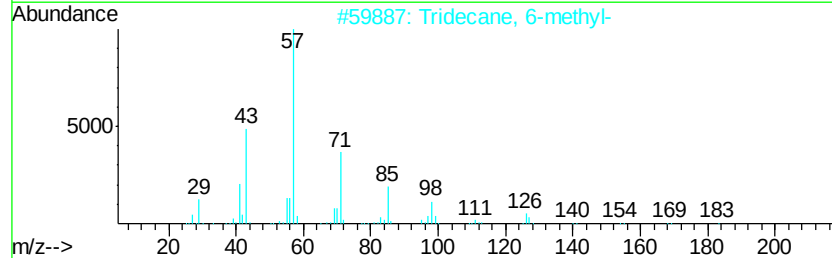
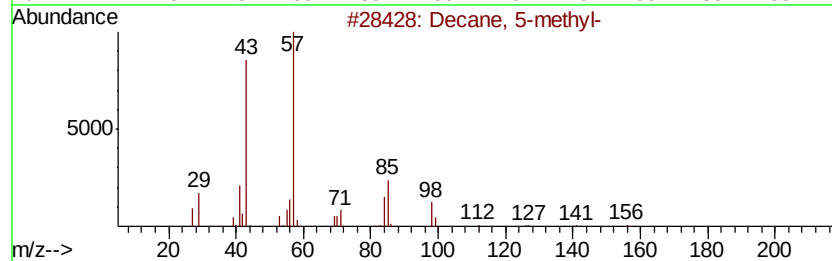
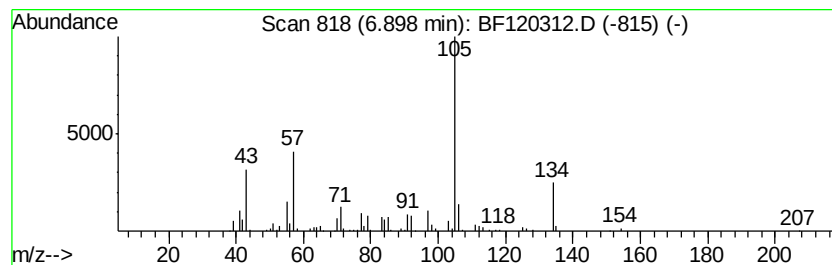
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.90	6.57 ng	472688	1,4-Dichlorobenzene-d4	6.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	60
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	35
4	Pentanoic acid, 1,1-dimethylethy...	158	C9H18O2	023361-78-6	27
5	Pivalic acid vinyl ester	128	C7H12O2	003377-92-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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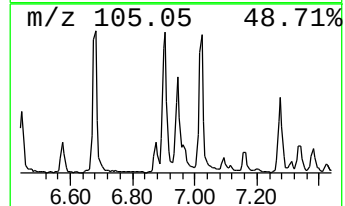
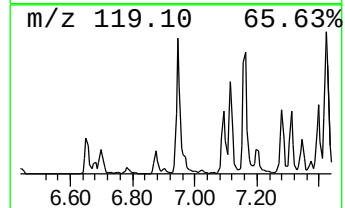
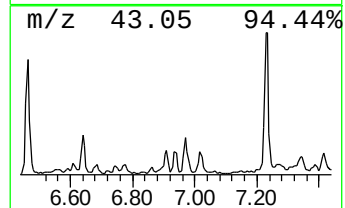
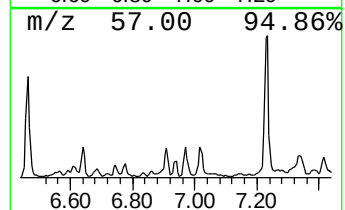
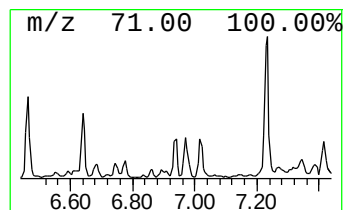
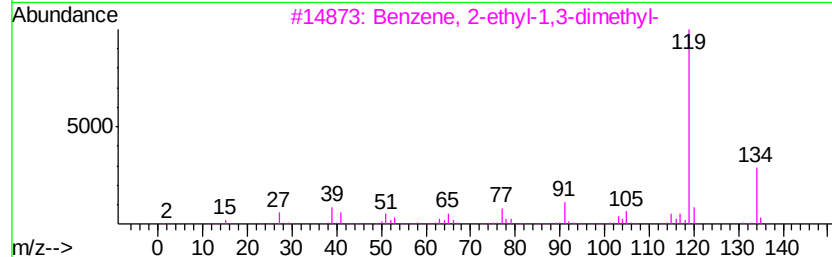
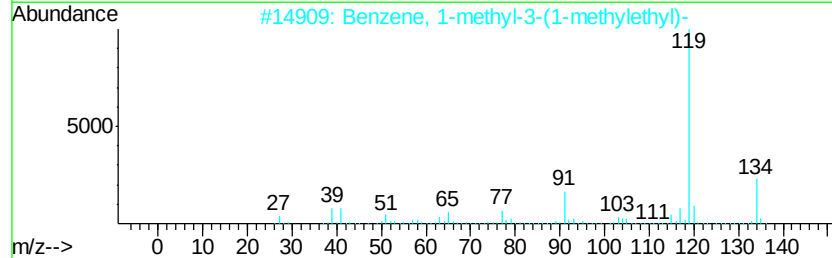
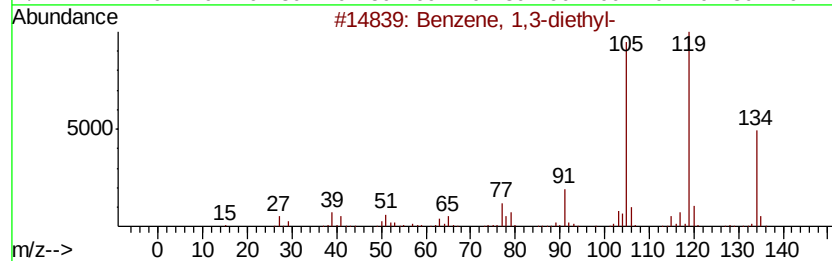
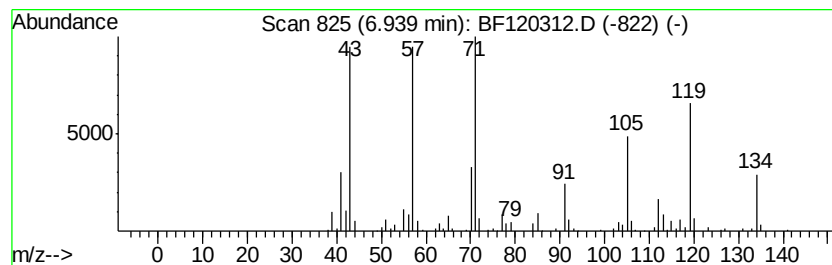
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.94	5.36 ng	385575	1,4-Dichlorobenzene-d4	6.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	64
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	47
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	35
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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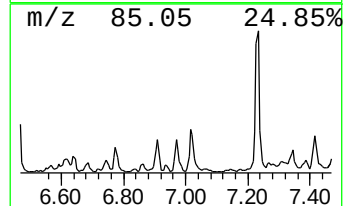
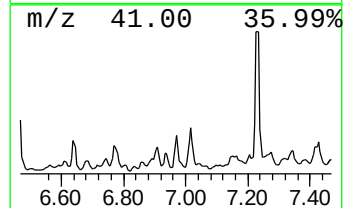
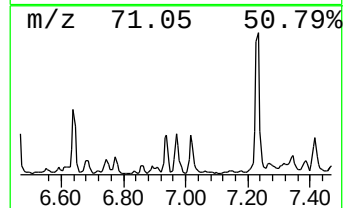
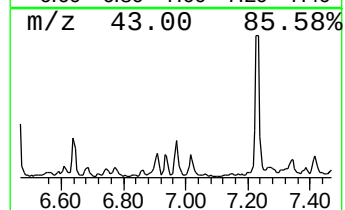
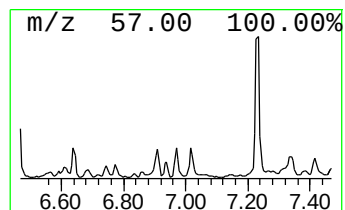
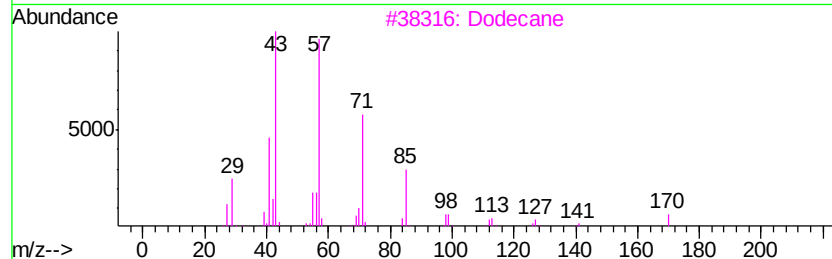
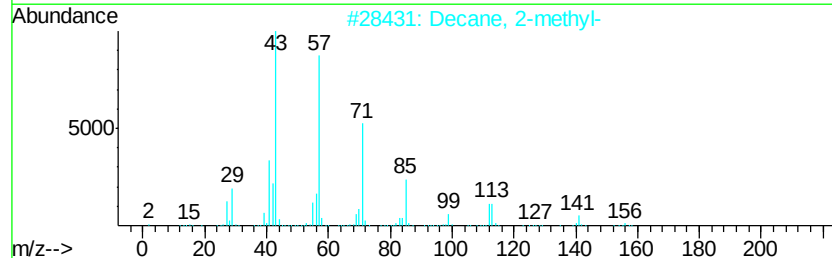
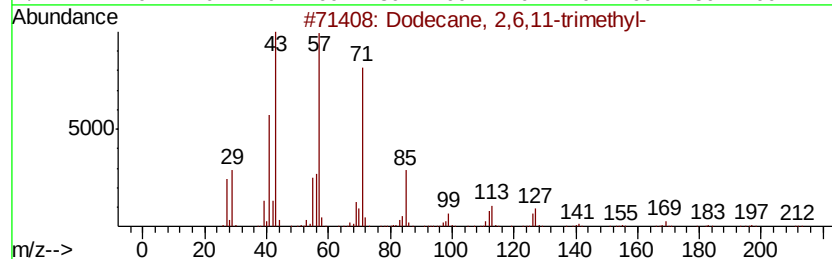
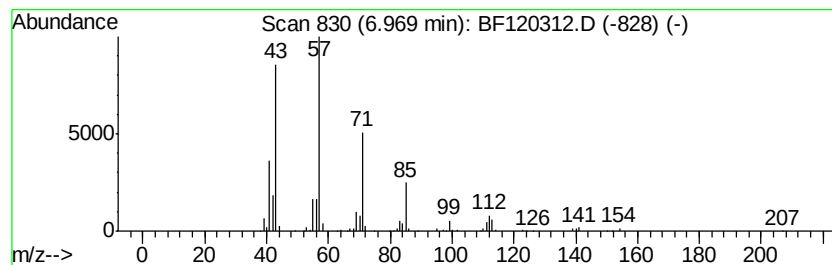
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	5.80 ng	417511	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2			Decane, 2-methyl-	156	C11H24	006975-98-0	72
3			Dodecane	170	C12H26	000112-40-3	72
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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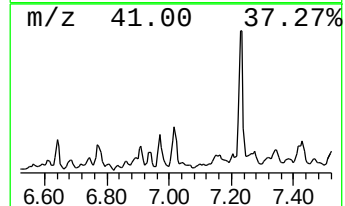
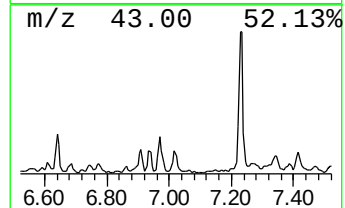
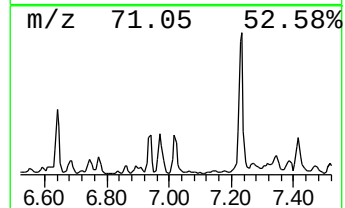
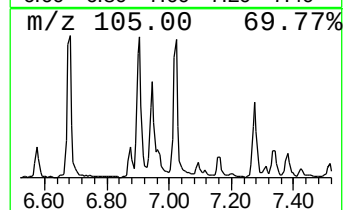
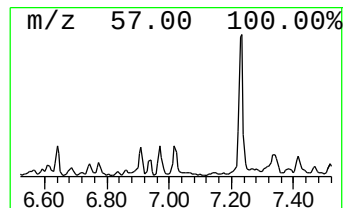
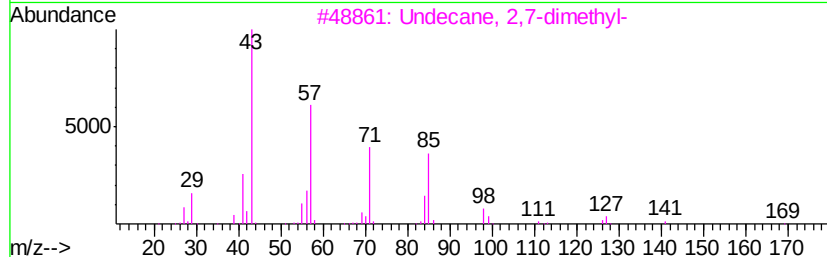
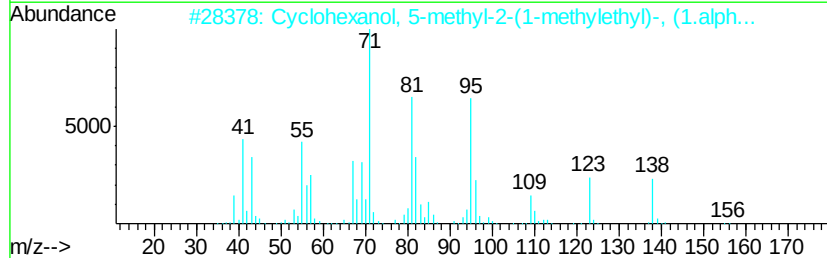
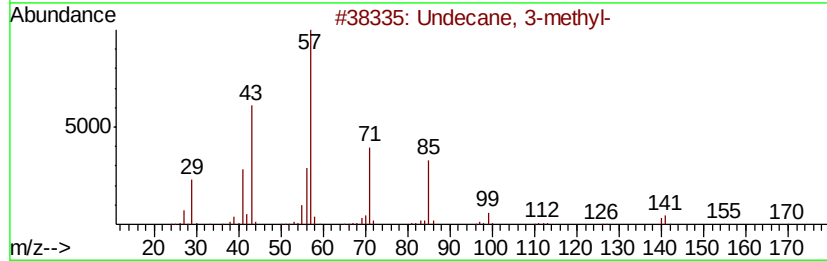
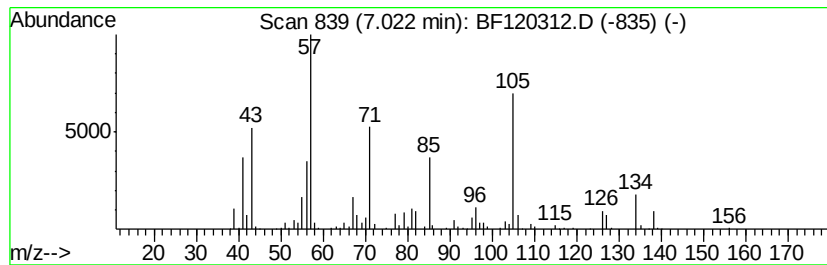
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.02	9.99 ng	718612	1,4-Dichlorobenzene-d4	6.62		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	43
2	Cyclohexanol, 5-methyl-2-(1-meth...		156	C10H20O	000491-02-1	43
3	Undecane, 2,7-dimethyl-		184	C13H28	017301-24-5	43
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	43
5	Octane, 2-methyl-		128	C9H20	003221-61-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120312.D
Acq On : 15 May 2020 1:08
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Instrument :
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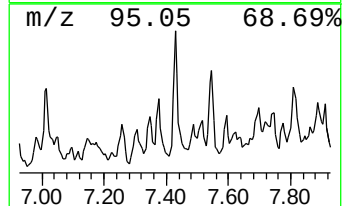
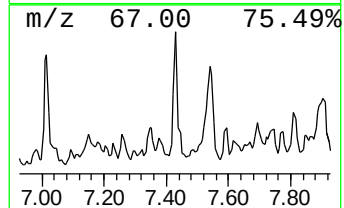
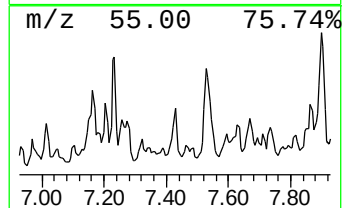
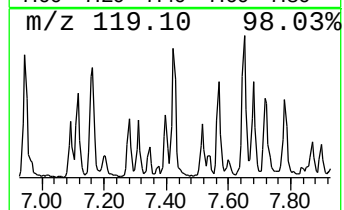
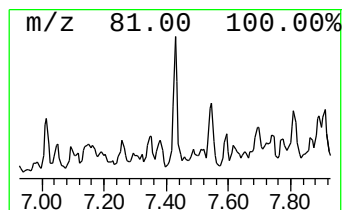
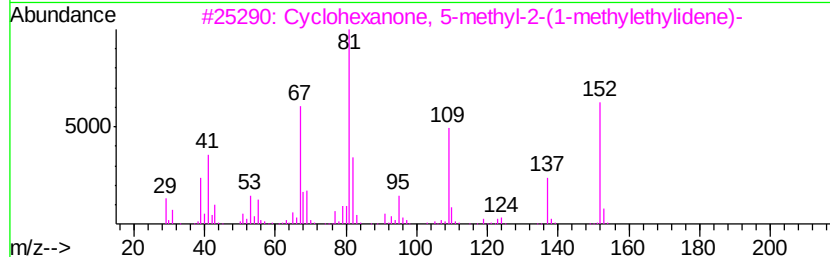
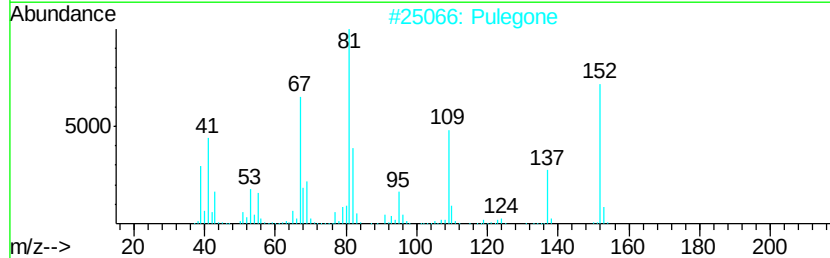
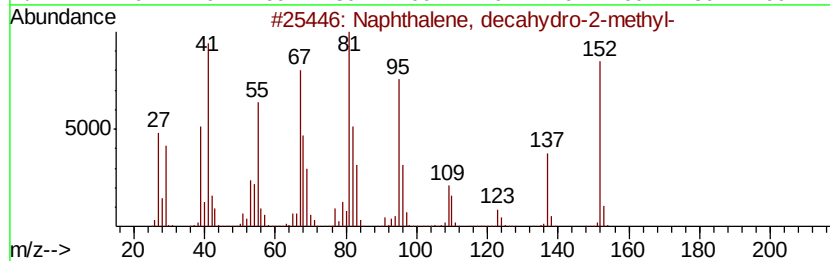
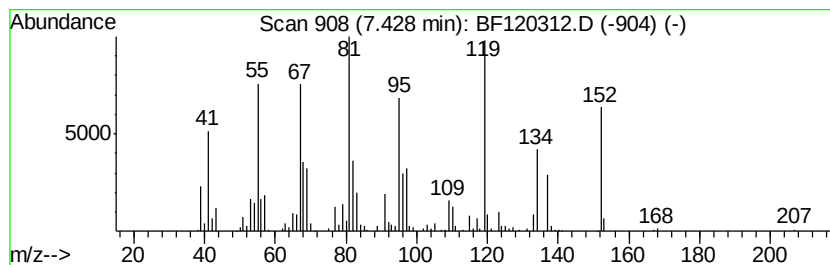
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, decahydro-2-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	3.48 ng	792589	Naphthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		Pulegone	152	C10H16O	000089-82-7	55
3		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	46
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120312.D
Acq On : 15 May 2020 1:08
Operator : MA/SJ
Sample : L2501-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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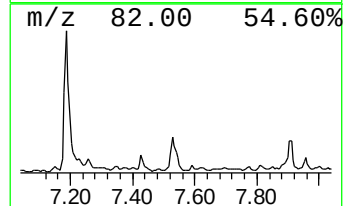
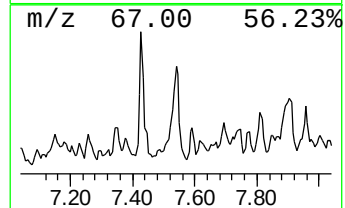
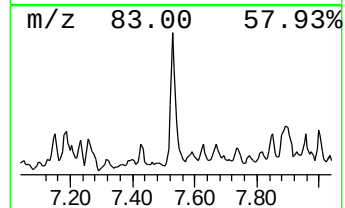
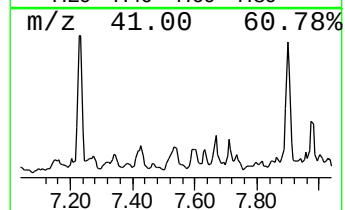
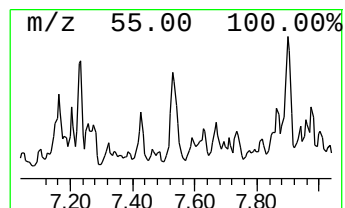
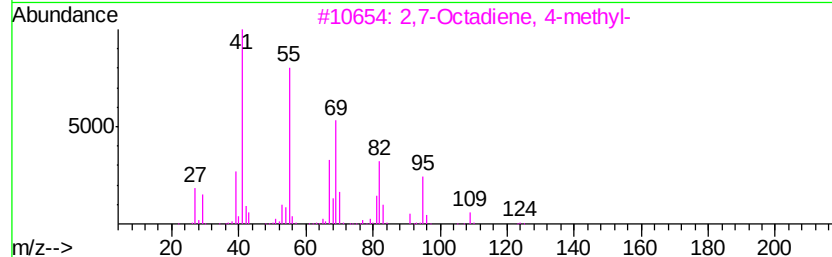
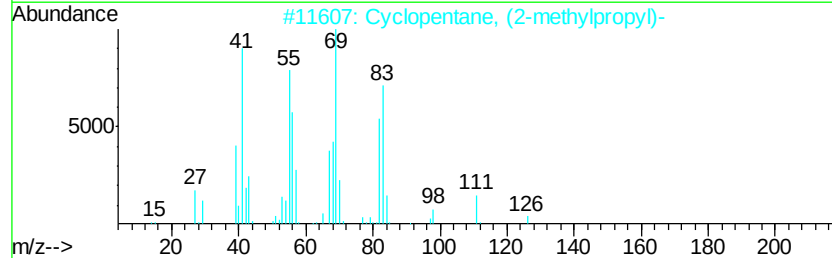
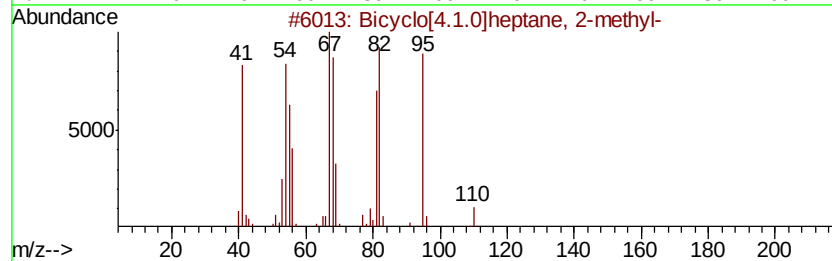
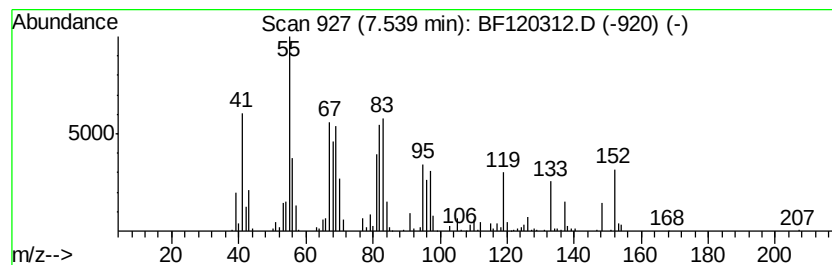
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Bicyclo[4.1.0]heptane, 2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	3.46 ng	786883	Naphthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	50
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	38
3		2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	38
4		1,6-Octadiene, 3,7-dimethyl-, (S)-	138	C10H18	010281-55-7	38
5		trans,trans-2,9-Undecadiene	152	C11H20	022057-21-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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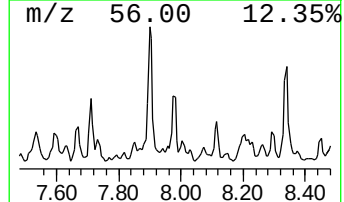
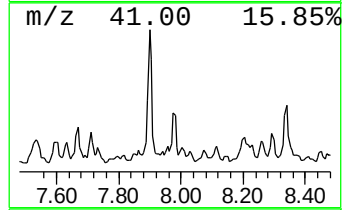
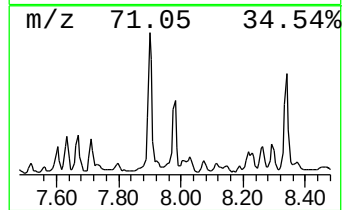
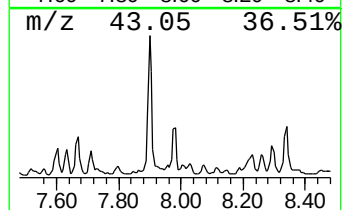
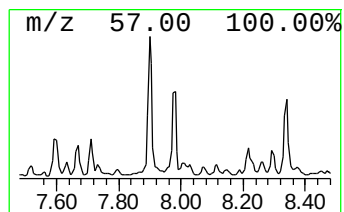
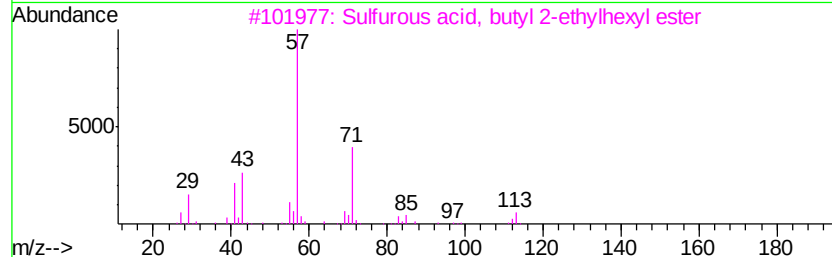
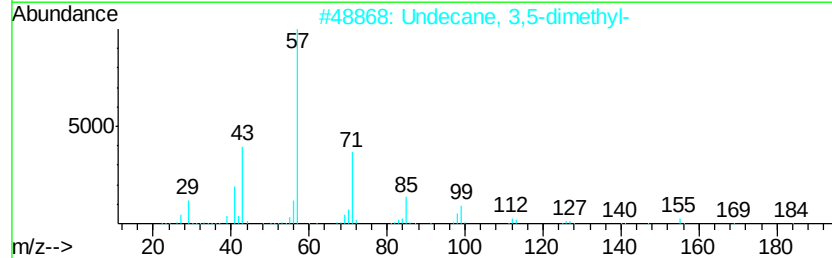
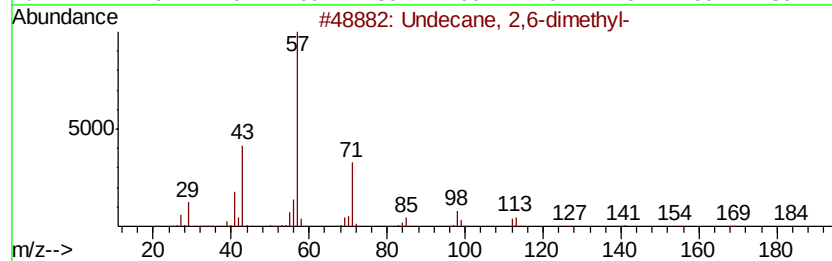
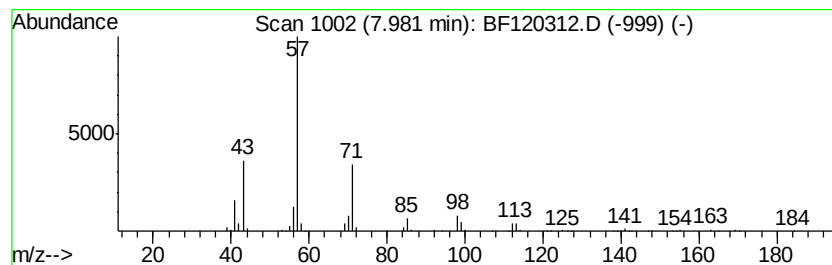
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 14 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.63 ng	825915	Napthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3		Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	59
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	59
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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Sample : L2501-01 5X
Misc :
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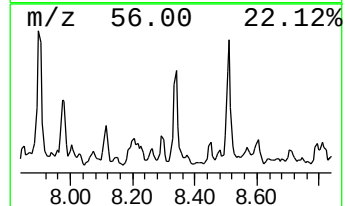
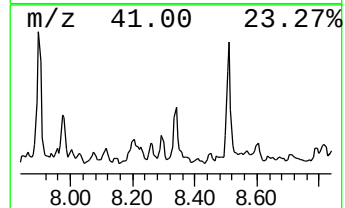
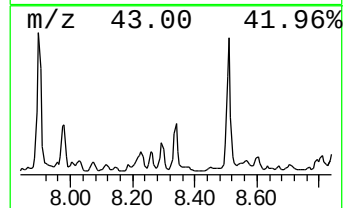
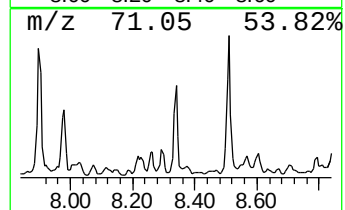
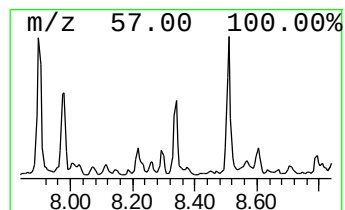
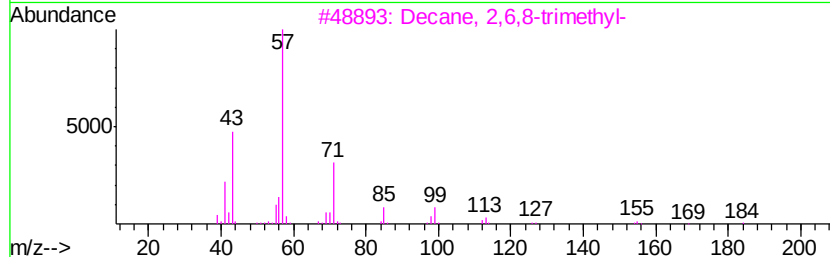
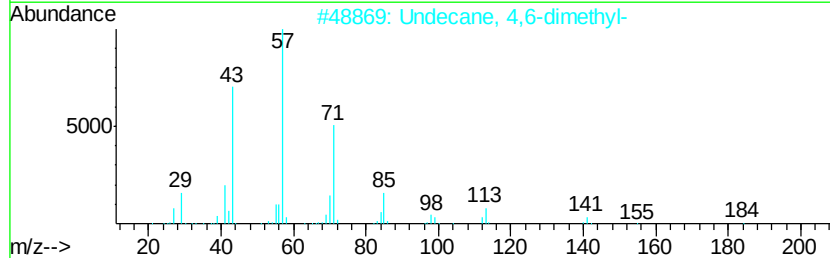
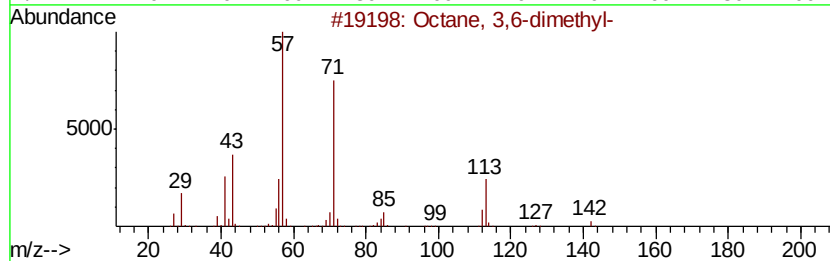
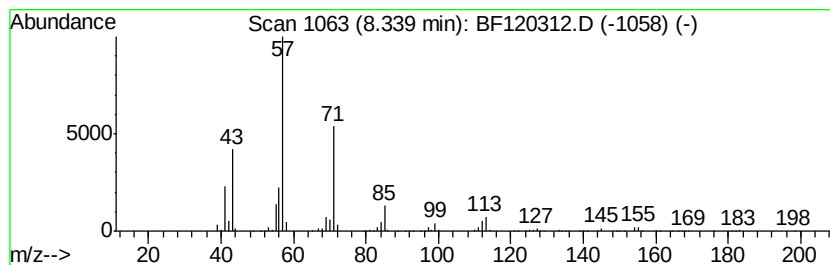
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octane, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.34	4.50 ng	1023490	Naphthalene-d8	7.91	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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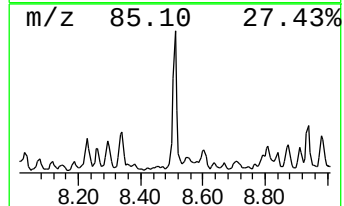
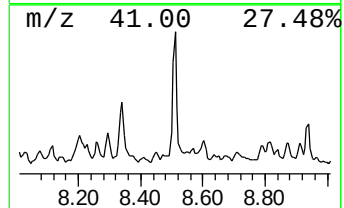
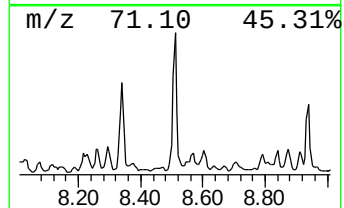
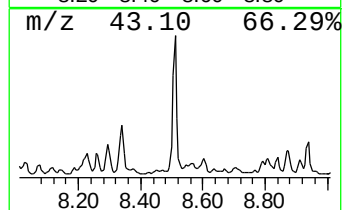
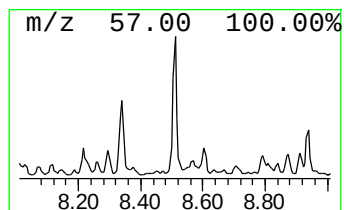
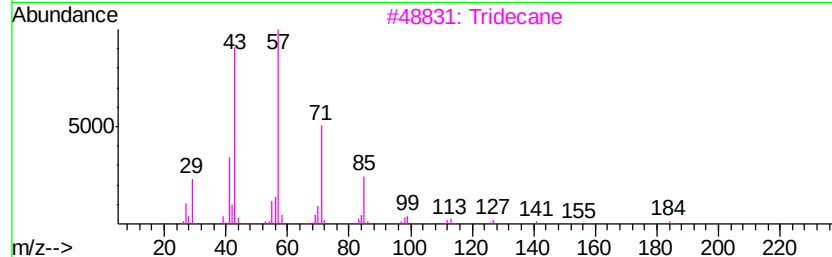
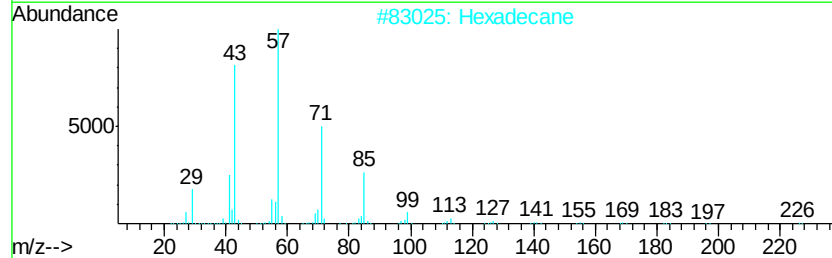
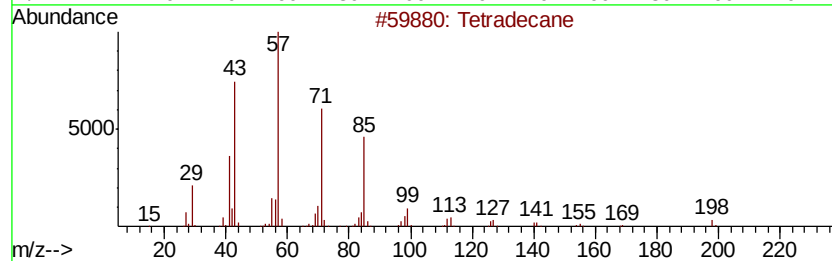
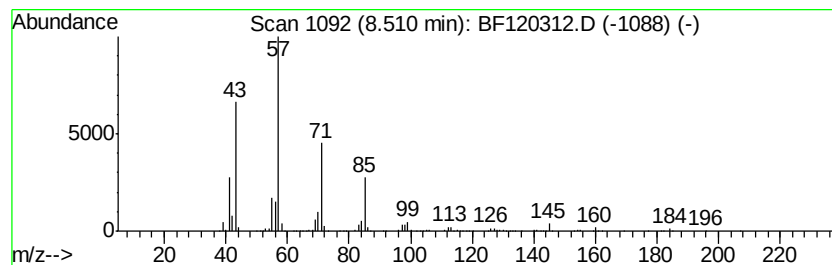
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.51	8.45 ng	1922390	Naphthalene-d8	7.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	76
4	Pentadecane	212	C15H32	000629-62-9	72
5	Triacontane	422	C30H62	000638-68-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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 Acq On : 15 May 2020 1:08
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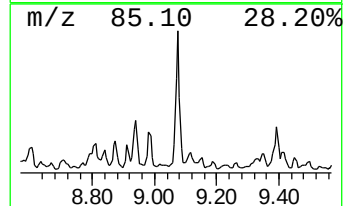
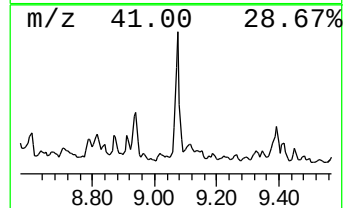
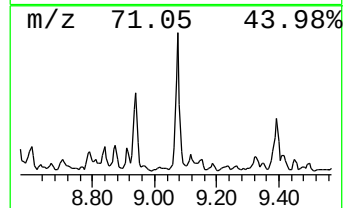
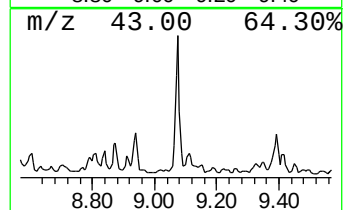
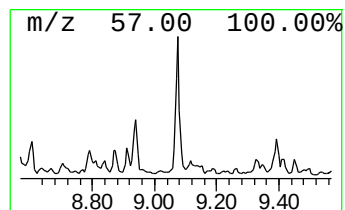
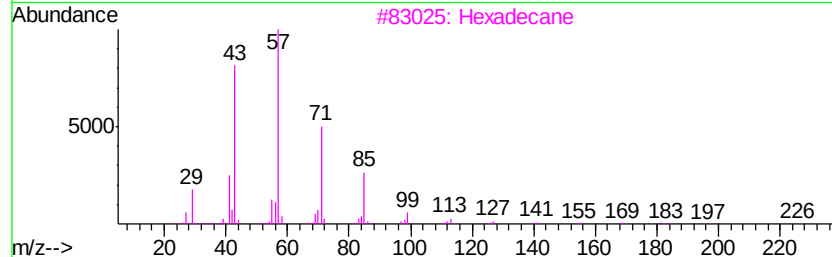
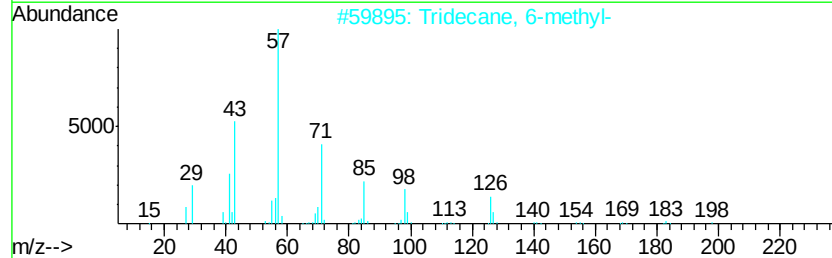
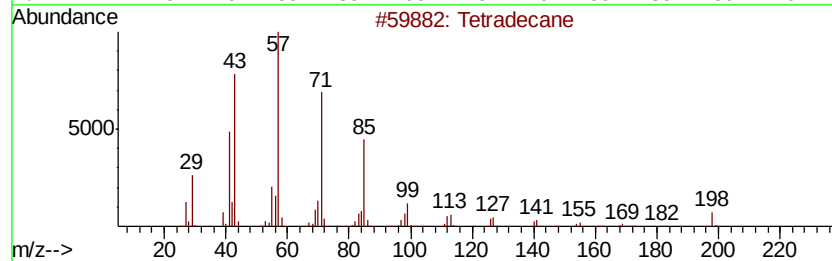
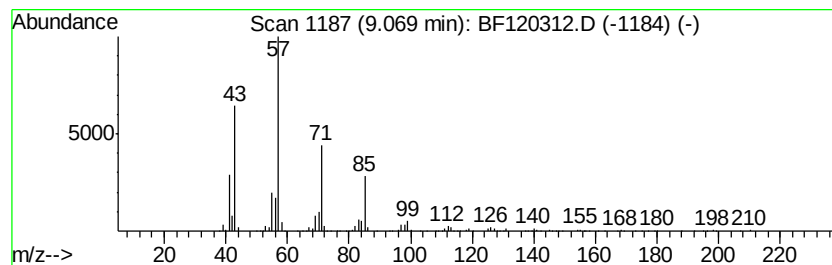
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 17 Tridecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	11.23 ng	1393570	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane	184	C13H28	000629-50-5	86
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
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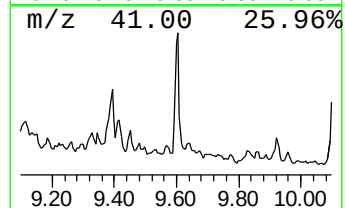
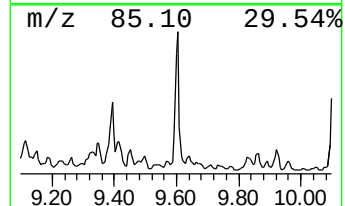
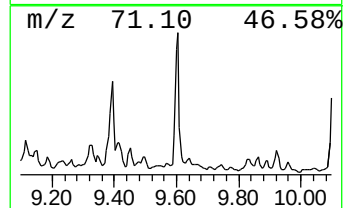
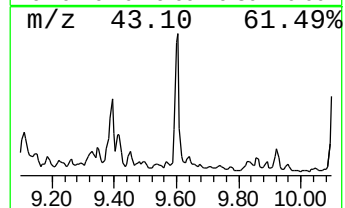
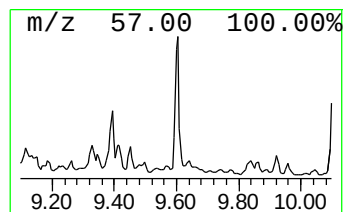
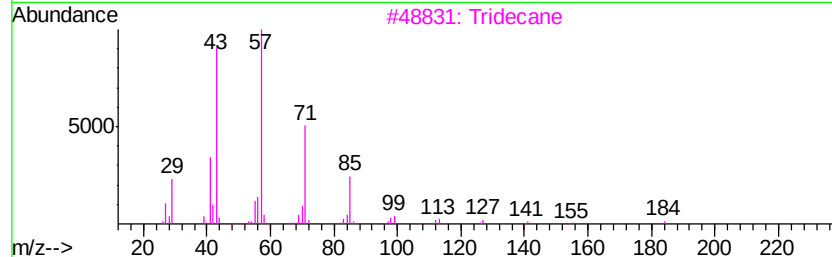
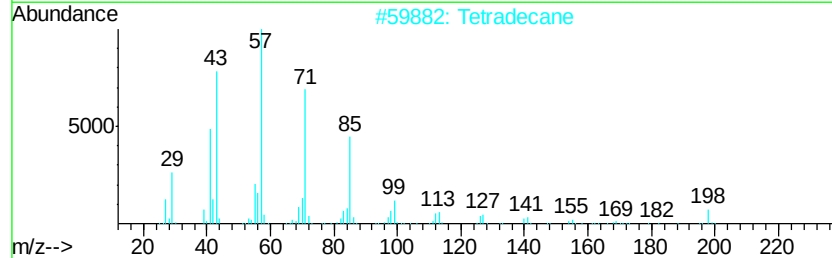
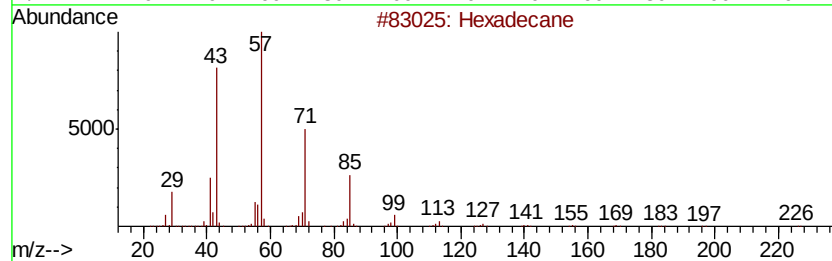
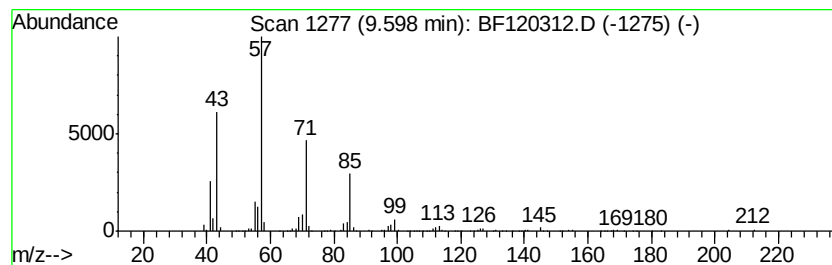
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	6.10 ng	757433	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120312.D
Acq On : 15 May 2020 1:08
Operator : MA/SJ
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ALS Vial : 27 Sample Multiplier: 1

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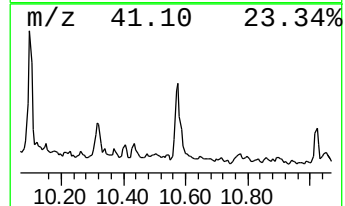
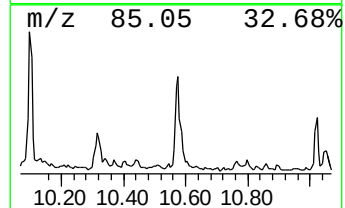
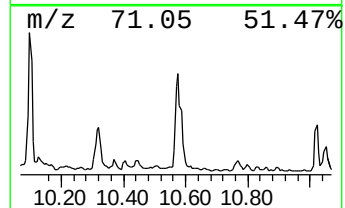
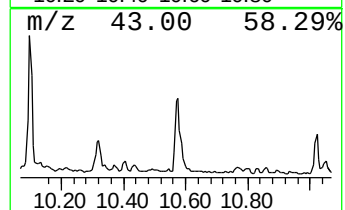
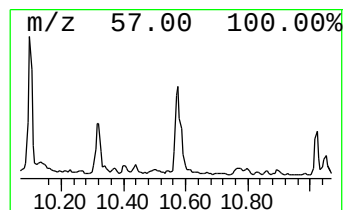
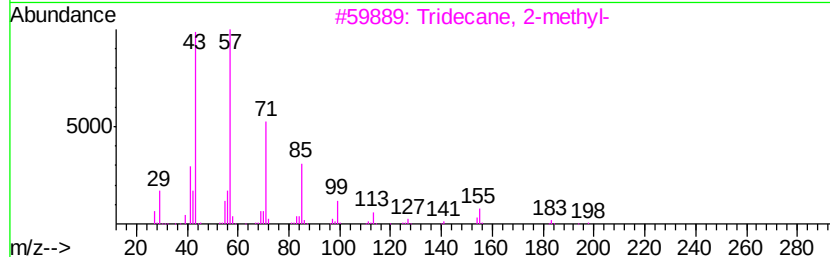
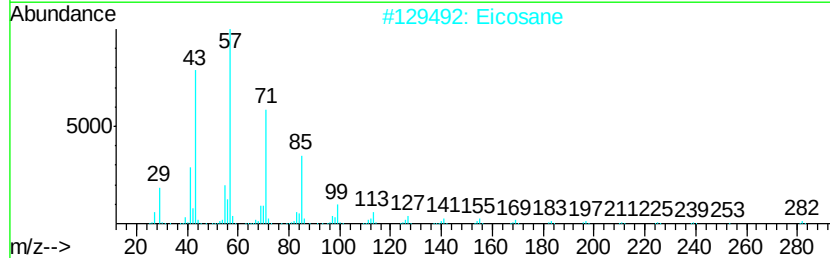
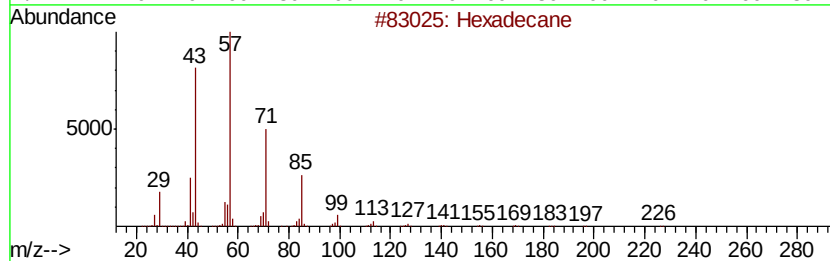
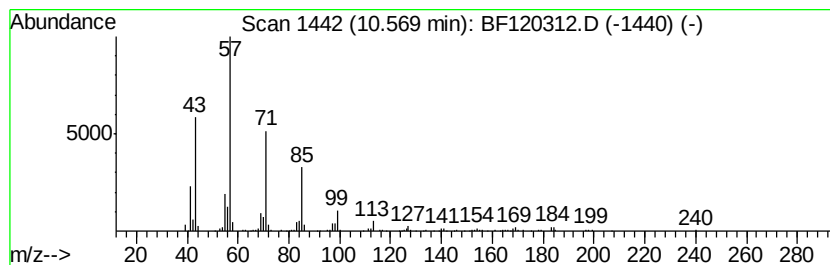
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	4.14 ng	420152	Phenanthrene-d10	11.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
Data File : BF120312.D
Acq On : 15 May 2020 1:08
Operator : MA/SJ
Sample : L2501-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-051320

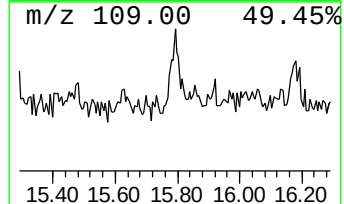
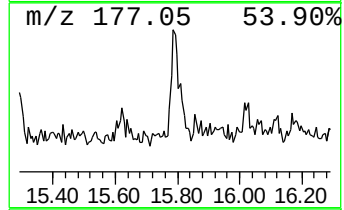
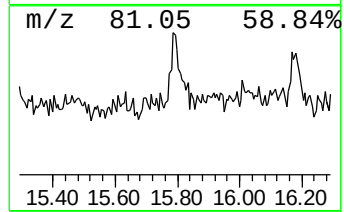
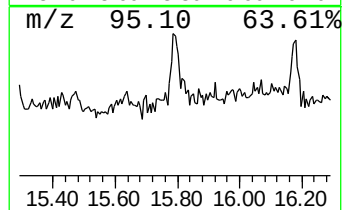
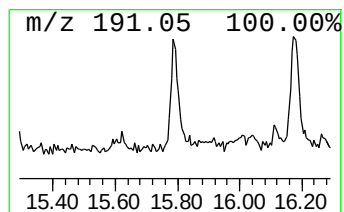
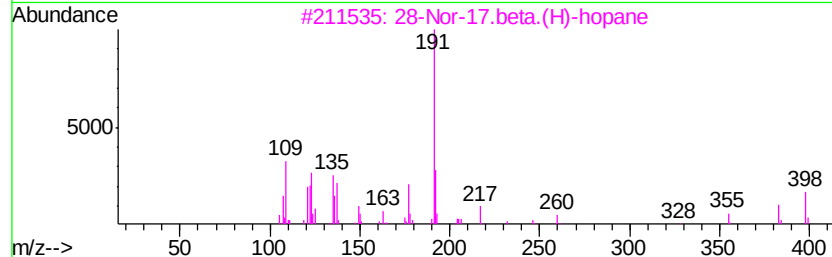
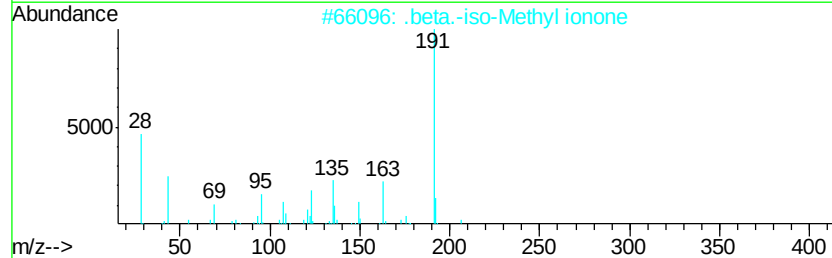
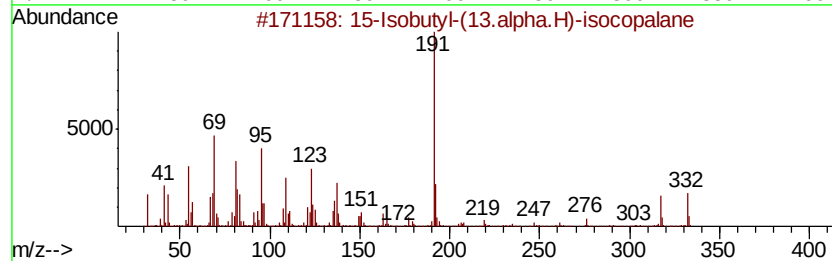
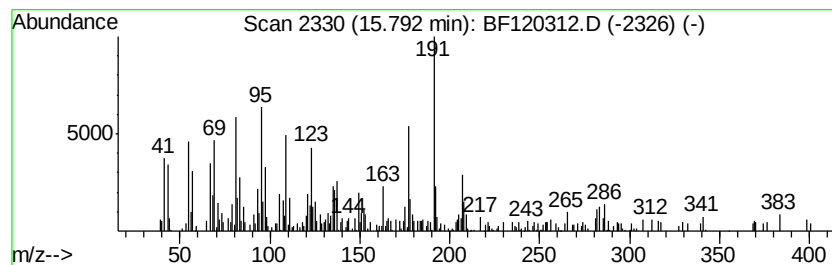
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 15-Isobutyl-(13.alpha.H)-is... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	3.96 ng	337258	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	64
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	53
4		5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	25
5		Urea, N-(4,5-dihydro-5-methyl-2-...	329	C17H16FN3OS	1000350-96-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051420\
 Data File : BF120312.D
 Acq On : 15 May 2020 1:08
 Operator : MA/SJ
 Sample : L2501-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-051320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
unknown5.86	5.86	4.1 ng		294986	1	6.62	1439120	20.0
Decane	6.15	3.5 ng		255067	1	6.62	1439120	20.0
Nonane, 3-methyl-	6.21	4.5 ng		326621	1	6.62	1439120	20.0
Cyclohexane, 1-me...	6.36	3.9 ng		278621	1	6.62	1439120	20.0
Decane, 2,9-dimet...	6.46	17.8 ng		1284010	1	6.62	1439120	20.0
Mesitylene	6.68	4.8 ng		344610	1	6.62	1439120	20.0
Decane, 5-methyl-	6.90	6.6 ng		472688	1	6.62	1439120	20.0
Benzene, 1,3-diet...	6.94	5.4 ng		385575	1	6.62	1439120	20.0
Dodecane, 2,6,11-...	6.97	5.8 ng		417511	1	6.62	1439120	20.0
unknown7.02	7.02	10.0 ng		718612	1	6.62	1439120	20.0
Naphthalene, deca...	7.43	3.5 ng		792589	2	7.91	4551020	20.0
Bicyclo[4.1.0]hep...	7.54	3.5 ng		786883	2	7.91	4551020	20.0
Undecane, 2,6-dim...	7.98	3.6 ng		825915	2	7.91	4551020	20.0
Octane, 3,6-dimet...	8.34	4.5 ng		1023490	2	7.91	4551020	20.0
Tetradecane	8.51	8.4 ng		1922390	2	7.91	4551020	20.0
Tridecane, 6-methyl-	9.07	11.2 ng		1393570	3	9.66	2481500	20.0
Hexadecane	9.60	6.1 ng		757433	3	9.66	2481500	20.0
Eicosane	10.57	4.1 ng		420152	4	11.14	2031940	20.0
15-Isobutyl-(13.a...	15.79	4.0 ng		337258	6	15.17	1704860	20.0