

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
 Data File : BF114885.D
 Acq On : 7 Jun 2019 1:34
 Operator : HP/JU
 Sample : K3153-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-060519-C

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-BF060419.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.610	249	259	265	rBV	478783	747074	9.47%	0.488%
2	5.275	537	542	545	rBV	4347730	3953412	50.11%	2.581%
3	5.928	650	653	655	rBV	491339	437360	5.54%	0.285%
4	6.122	680	686	689	rBV3	296169	426848	5.41%	0.279%
5	6.187	695	697	699	rBV	383111	316063	4.01%	0.206%
6	6.216	699	702	709	rVB3	578584	897667	11.38%	0.586%
7	6.275	709	712	714	rBV	750924	636081	8.06%	0.415%
8	6.310	714	718	720	rVV	3921401	3713875	47.07%	2.424%
9	6.440	733	740	743	rBV	4997526	5129970	65.02%	3.349%
10	6.528	752	755	759	rVB	2539677	2332409	29.56%	1.523%
11	6.628	767	772	775	rBV5	235652	445989	5.65%	0.291%
12	6.669	775	779	783	rVV	2748556	2645485	33.53%	1.727%
13	6.704	783	785	788	rVB2	1482963	1162110	14.73%	0.759%
14	6.740	788	791	795	rBV3	566322	880857	11.16%	0.575%
15	6.828	800	806	811	rBV2	4611790	4518057	57.26%	2.949%
16	6.869	811	813	815	rVB	423450	330768	4.19%	0.216%
17	6.928	819	823	825	rBV4	475466	565263	7.16%	0.369%
18	6.969	825	830	832	rVB3	902228	1288687	16.33%	0.841%
19	6.998	832	835	838	rVB	1731142	1348717	17.09%	0.880%
20	7.034	838	841	845	rBV	1150164	1209047	15.32%	0.789%
21	7.075	845	848	851	rBV2	2253554	2141304	27.14%	1.398%
22	7.228	866	874	878	rBV3	3233609	4599626	58.30%	3.002%
23	7.263	878	880	882	rVV2	420237	374013	4.74%	0.244%
24	7.292	882	885	887	rVB	4858924	4061577	51.48%	2.651%
25	7.334	887	892	895	rVB4	1063385	1564634	19.83%	1.021%
26	7.363	895	897	899	rBV2	445909	492550	6.24%	0.322%
27	7.404	901	904	907	rVB4	1013912	1071182	13.58%	0.699%
28	7.451	907	912	914	rVB5	646661	825295	10.46%	0.539%
29	7.487	914	918	922	rVB3	1818845	2569734	32.57%	1.677%
30	7.528	922	925	927	rBV	471840	401770	5.09%	0.262%
31	7.598	930	937	939	rBV5	1333465	2664629	33.77%	1.739%
32	7.622	939	941	943	rVB2	798664	593820	7.53%	0.388%
33	7.657	943	947	950	rBV2	1117238	1611866	20.43%	1.052%
34	7.692	950	953	956	rVV4	1915651	2085366	26.43%	1.361%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.728	956	959	962	rVB3	2271348	2179323	27.62%	1.423%
36	7.769	964	966	968	rBV	1559457	1390355	17.62%	0.908%
37	7.798	968	971	974	rVB3	1416330	1593077	20.19%	1.040%
38	7.834	974	977	979	rBV2	777908	748277	9.48%	0.488%
39	7.869	979	983	986	rVB3	601784	884297	11.21%	0.577%
40	7.922	990	992	994	rVV2	912685	747040	9.47%	0.488%
41	7.957	994	998	1001	rVV2	7212538	7890132	100.00%	5.150%
42	7.981	1001	1002	1004	rVV2	546995	542683	6.88%	0.354%
43	8.016	1005	1008	1009	rVV2	869336	1032567	13.09%	0.674%
44	8.039	1009	1012	1014	rVV	2533050	2122145	26.90%	1.385%
45	8.063	1014	1016	1018	rVV3	685464	603252	7.65%	0.394%
46	8.087	1018	1020	1023	rVB3	743530	635656	8.06%	0.415%
47	8.134	1023	1028	1030	rBV3	1061106	1340100	16.98%	0.875%
48	8.157	1030	1032	1033	rVV	638405	481710	6.11%	0.314%
49	8.175	1033	1035	1038	rVB2	782379	570179	7.23%	0.372%
50	8.204	1038	1040	1042	rBV	517416	427718	5.42%	0.279%
51	8.257	1044	1049	1051	rBV5	1752026	2179047	27.62%	1.422%
52	8.287	1052	1054	1056	rVB2	1092209	802359	10.17%	0.524%
53	8.316	1056	1059	1062	rBV3	1821168	1430117	18.13%	0.934%
54	8.351	1062	1065	1069	rVV5	1623253	1722962	21.84%	1.125%
55	8.398	1069	1073	1077	rVV3	3049177	3477217	44.07%	2.270%
56	8.463	1081	1084	1087	rBV3	1528618	1363050	17.28%	0.890%
57	8.510	1089	1092	1093	rBV2	472927	418032	5.30%	0.273%
58	8.569	1098	1102	1106	rVV	4793758	5914990	74.97%	3.861%
59	8.616	1107	1110	1113	rVV3	1483117	2140130	27.12%	1.397%
60	8.657	1114	1117	1121	rVB4	1439005	1878360	23.81%	1.226%
61	8.757	1132	1134	1136	rBV2	329264	347394	4.40%	0.227%
62	8.781	1136	1138	1140	rVB3	1172914	852214	10.80%	0.556%
63	8.845	1146	1149	1151	rBV3	1089584	940080	11.91%	0.614%
64	8.863	1151	1152	1156	rVV3	844073	996847	12.63%	0.651%
65	8.892	1156	1157	1161	rVV4	854359	919982	11.66%	0.601%
66	8.928	1161	1163	1166	rVB2	1207503	980999	12.43%	0.640%
67	8.969	1167	1170	1172	rBV3	1085738	998746	12.66%	0.652%
68	8.992	1172	1174	1177	rVB2	2586137	2066351	26.19%	1.349%
69	9.028	1177	1180	1185	rVB	5145228	4584054	58.10%	2.992%
70	9.069	1185	1187	1190	rVB3	439491	329400	4.17%	0.215%
71	9.128	1193	1197	1200	rBV	4174551	3955334	50.13%	2.582%

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72	9.181	1202	1206	1208	rVV2	1031753	1468731	18.61%	0.959%
73	9.204	1208	1210	1212	rVB3	991891	764283	9.69%	0.499%
74	9.239	1212	1216	1220	rBV5	506687	669649	8.49%	0.437%
75	9.281	1220	1223	1226	rBV4	548188	757218	9.60%	0.494%
76	9.351	1231	1235	1236	rBV3	525492	598993	7.59%	0.391%
77	9.381	1237	1240	1242	rVV3	847384	1085045	13.75%	0.708%
78	9.445	1245	1251	1253	rVV3	1797009	2881072	36.51%	1.881%
79	9.504	1257	1261	1263	rVB3	566642	628199	7.96%	0.410%
80	9.622	1279	1281	1283	rBV3	383404	278962	3.54%	0.182%
81	9.651	1283	1286	1289	rVV	2631933	2046922	25.94%	1.336%
82	9.698	1290	1294	1298	rVB	3185112	3383750	42.89%	2.209%
83	9.881	1322	1325	1328	rBV3	429036	630448	7.99%	0.412%
84	9.910	1328	1330	1333	rVV3	415292	360543	4.57%	0.235%
85	9.975	1338	1341	1345	rVB3	636683	652142	8.27%	0.426%
86	10.145	1367	1370	1375	rVB	997632	916036	11.61%	0.598%
87	10.369	1404	1408	1411	rBV2	334544	378965	4.80%	0.247%
88	10.480	1424	1427	1432	rVB	2776117	2336804	29.62%	1.525%
89	10.616	1447	1450	1457	rVB	548992	647646	8.21%	0.423%
90	11.175	1541	1545	1547	rBV	2890788	2598273	32.93%	1.696%
91	11.716	1632	1637	1641	rBV2	517918	546648	6.93%	0.357%
92	12.751	1810	1813	1817	rBV	3791473	3530200	44.74%	2.304%
93	13.345	1911	1914	1917	rBV	317299	286223	3.63%	0.187%
94	13.674	1965	1970	1977	rVB2	442481	660817	8.38%	0.431%
95	13.798	1986	1991	1993	rBV	2150463	2286108	28.97%	1.492%
96	13.986	2021	2023	2026	rVB	379250	335686	4.25%	0.219%
97	14.292	2072	2075	2079	rBV	487936	518038	6.57%	0.338%
98	14.586	2122	2125	2130	rBV3	498434	564668	7.16%	0.369%
99	14.892	2175	2177	2183	rVB	428979	474327	6.01%	0.310%
100	15.180	2223	2226	2230	rVB	1204503	1379722	17.49%	0.901%

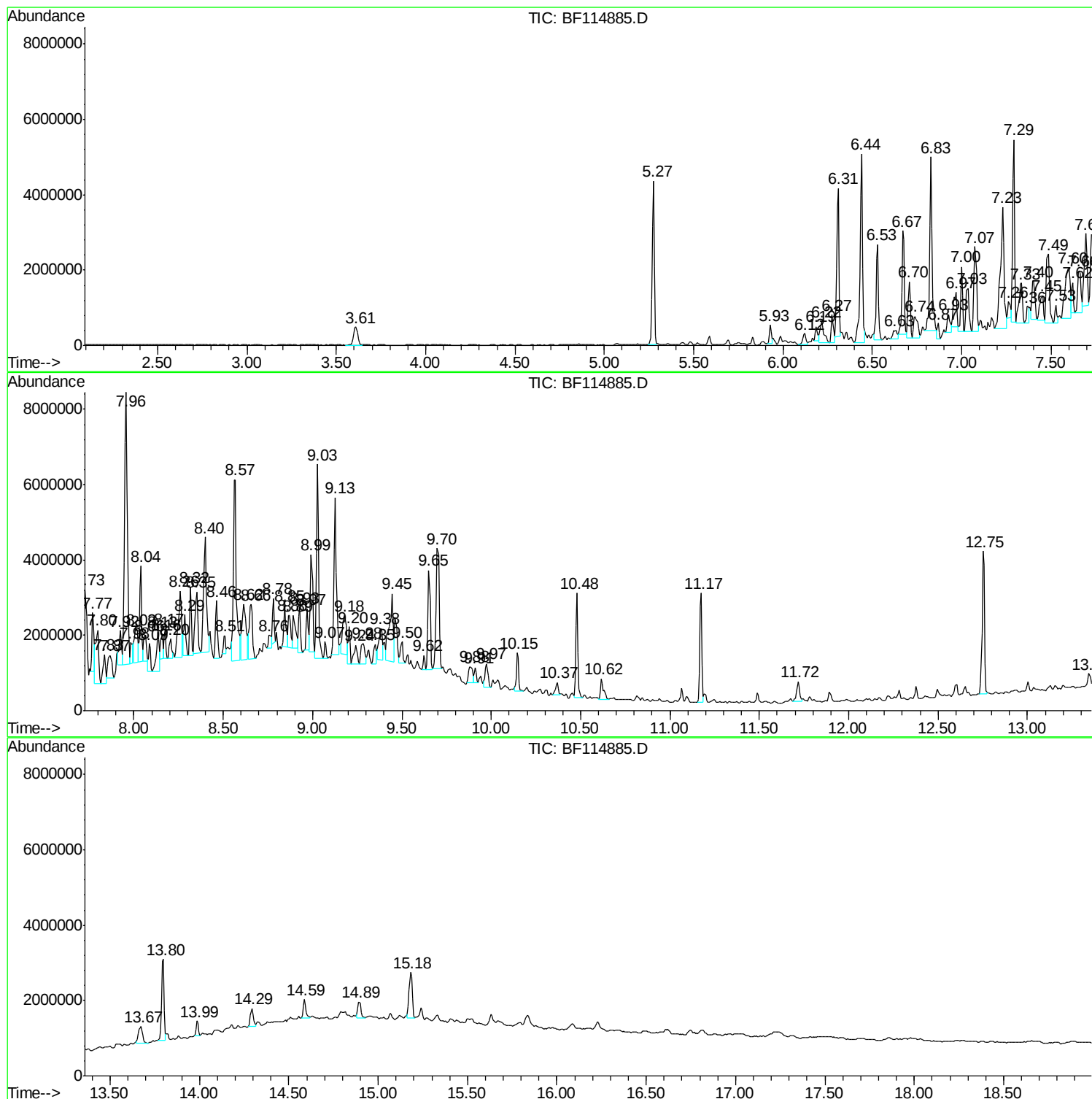
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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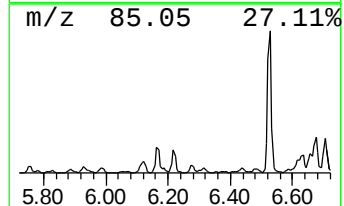
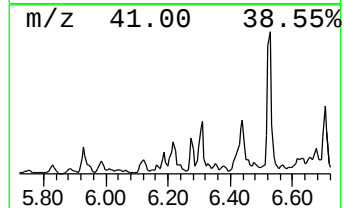
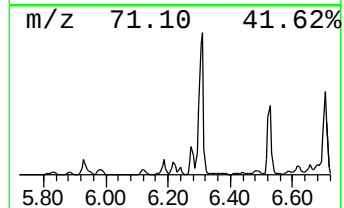
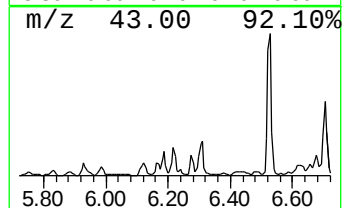
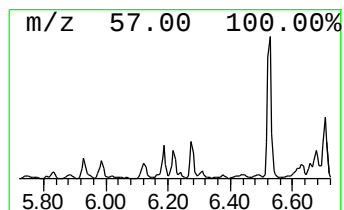
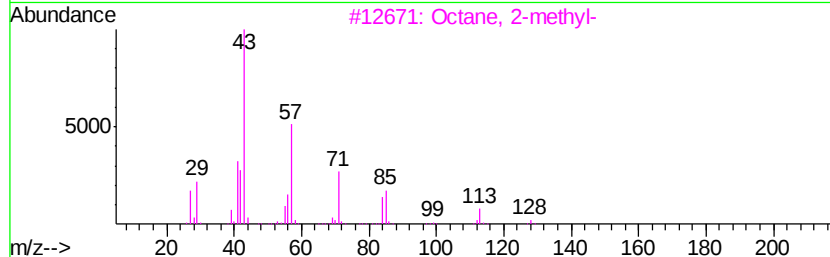
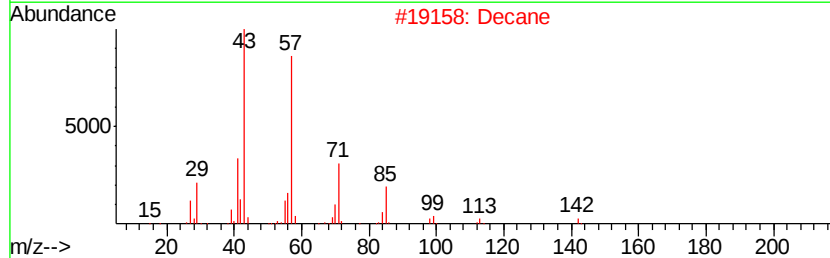
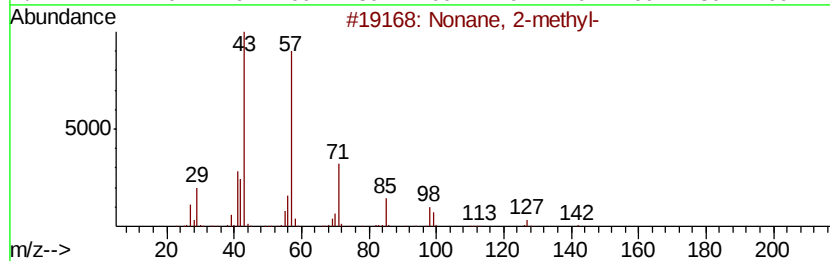
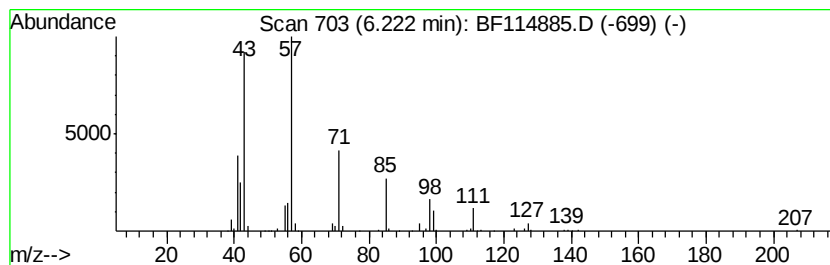
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	6.79 ng	897667	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-	142	C10H22	000871-83-0	90
2			Decane	142	C10H22	000124-18-5	80
3			Octane, 2-methyl-	128	C9H20	003221-61-2	72
4			Undecane	156	C11H24	001120-21-4	72
5			Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53



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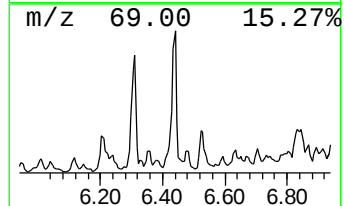
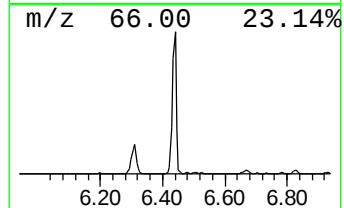
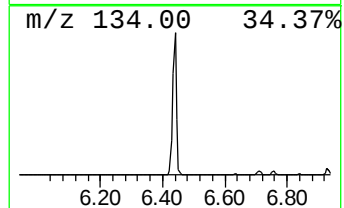
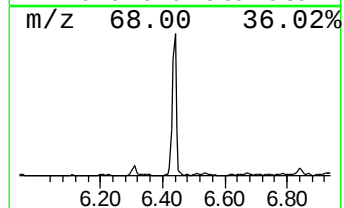
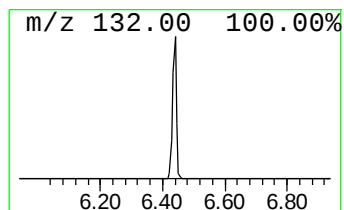
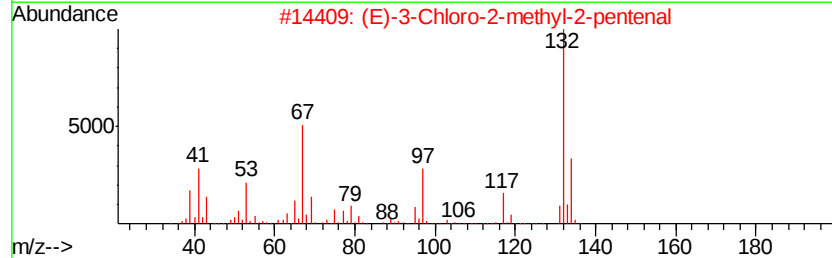
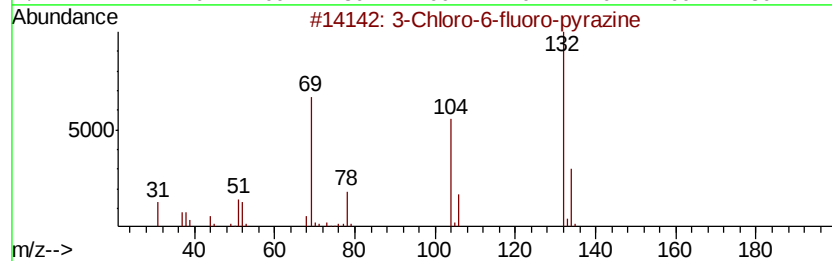
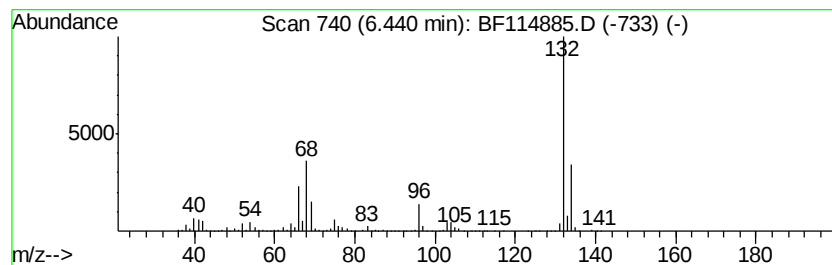
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	38.78 ng	5129970	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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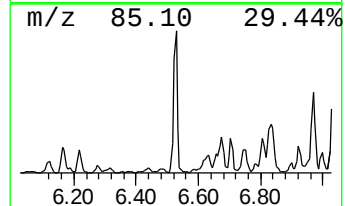
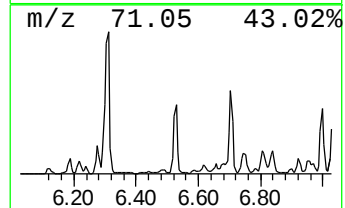
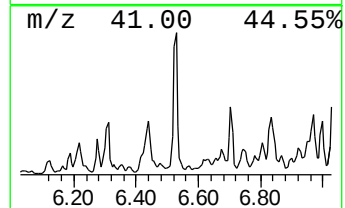
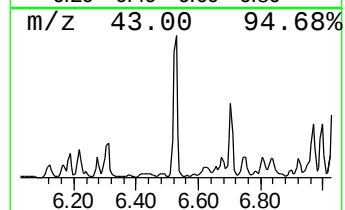
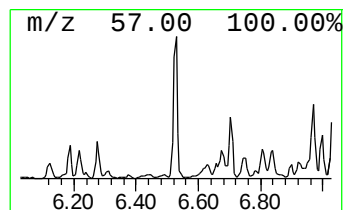
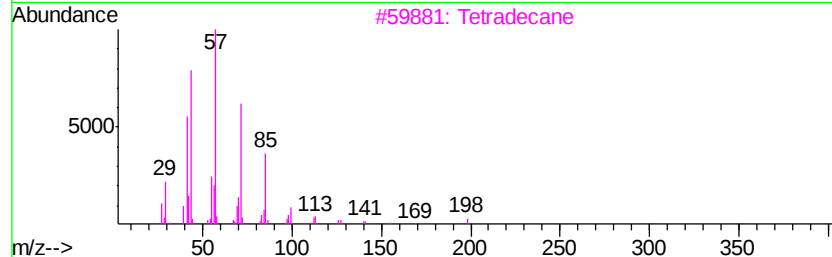
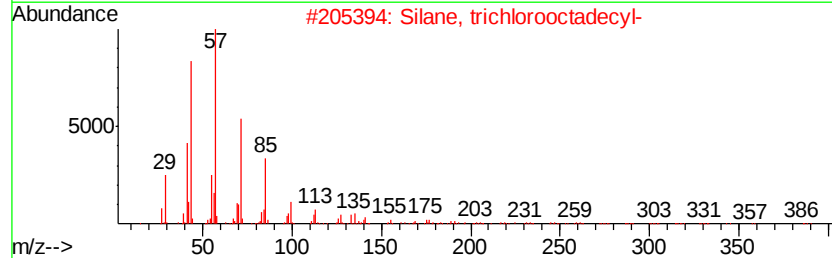
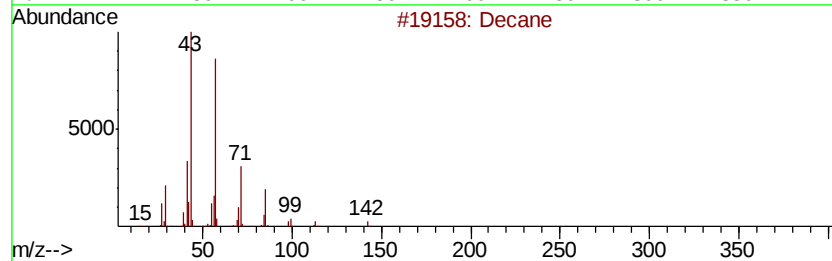
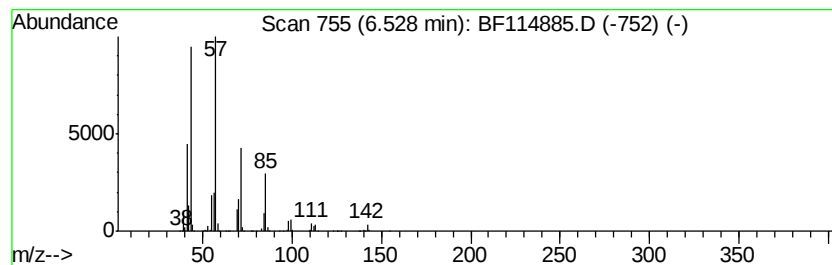
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	17.63 ng	2332410	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
3		Tetradecane	198	C14H30	000629-59-4	72
4		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5		Nonane	128	C9H20	000111-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
Acq On : 7 Jun 2019 1:34
Operator : HP/JU
Sample : K3153-05 2X
Misc :
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ClientSampleId :
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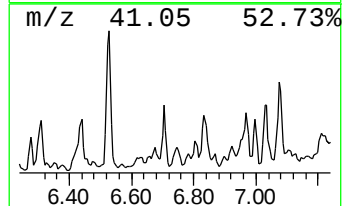
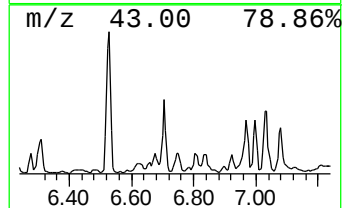
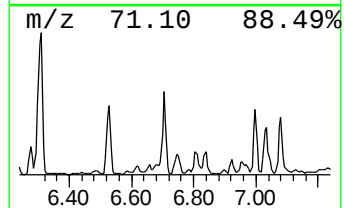
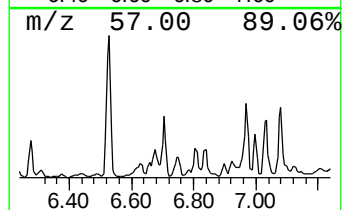
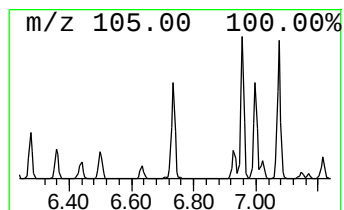
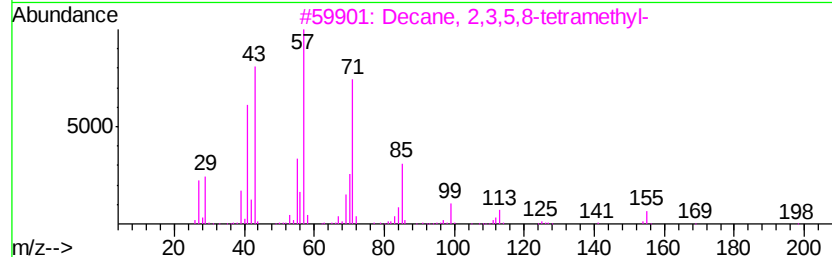
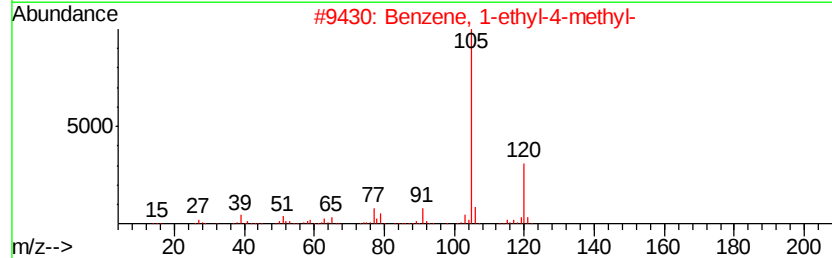
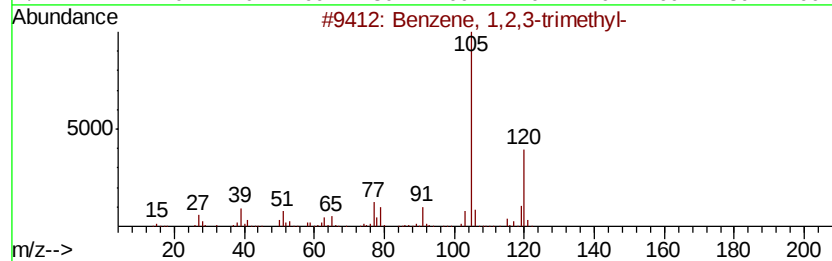
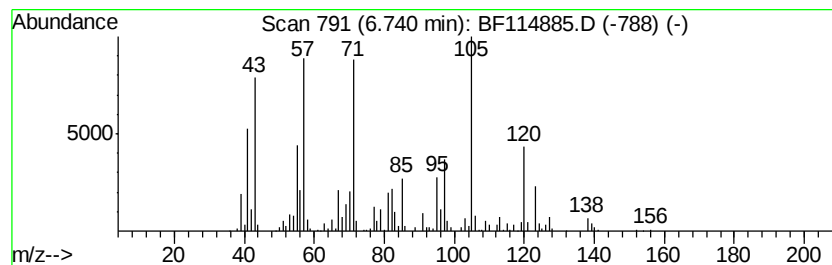
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.74 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	6.66 ng	880857	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	44
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	43
3		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	35
4		Z-1-Methoxy-2-hexene	114	C7H14O	1000279-60-9	30
5		Mesitylene	120	C9H12	000108-67-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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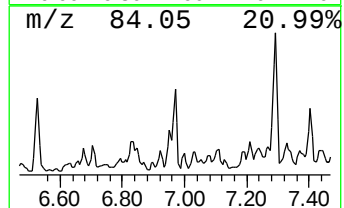
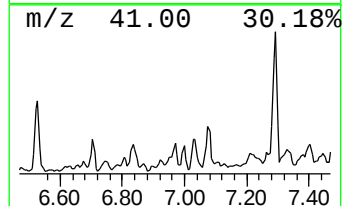
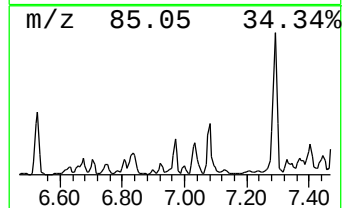
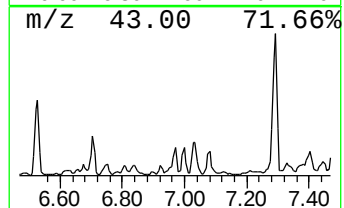
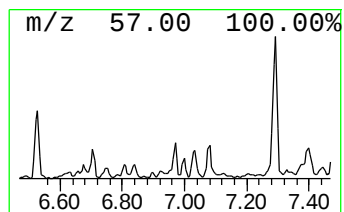
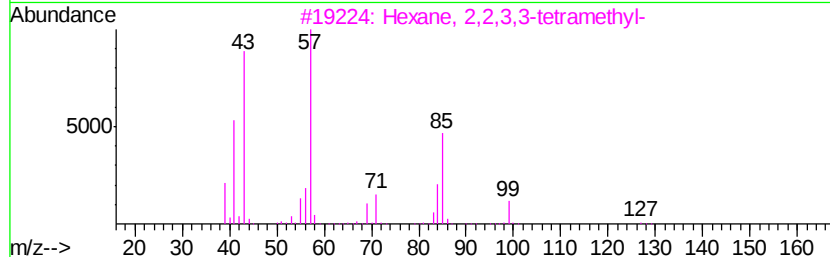
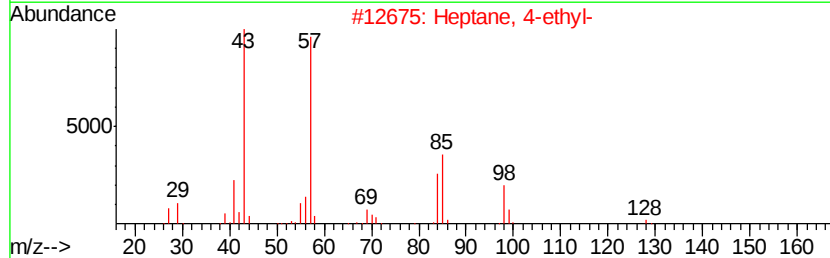
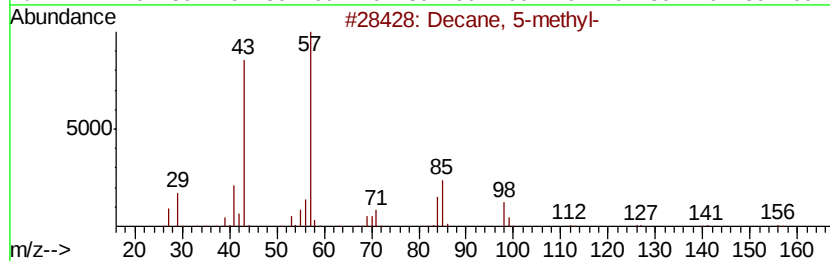
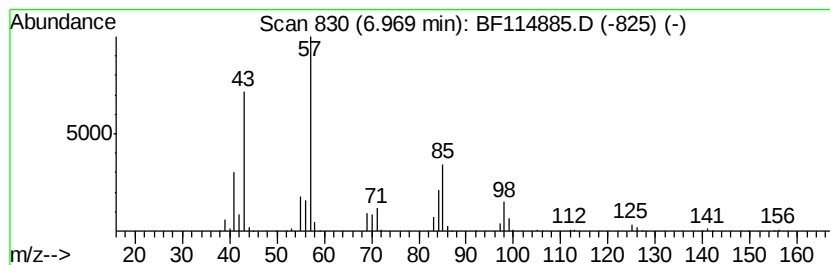
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 5-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	9.74 ng	1288690	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	72
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
3			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
4			4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
Acq On : 7 Jun 2019 1:34
Operator : HP/JU
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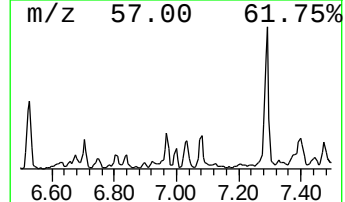
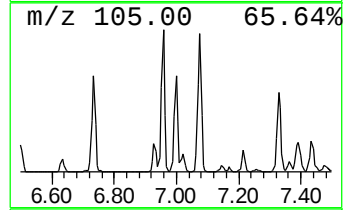
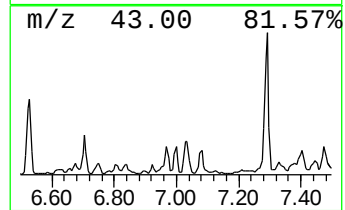
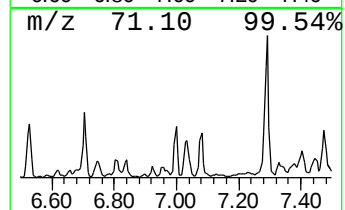
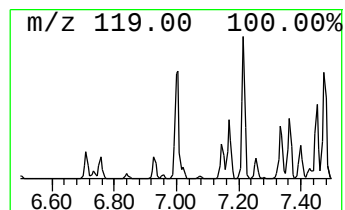
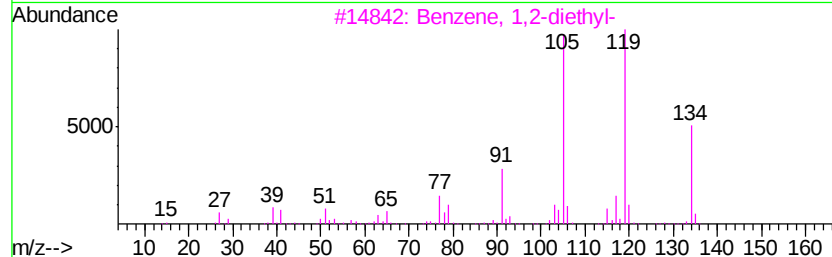
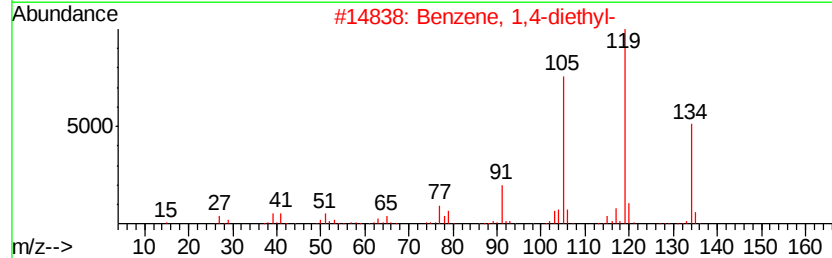
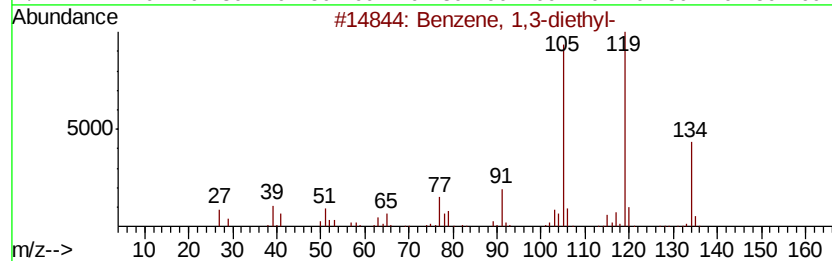
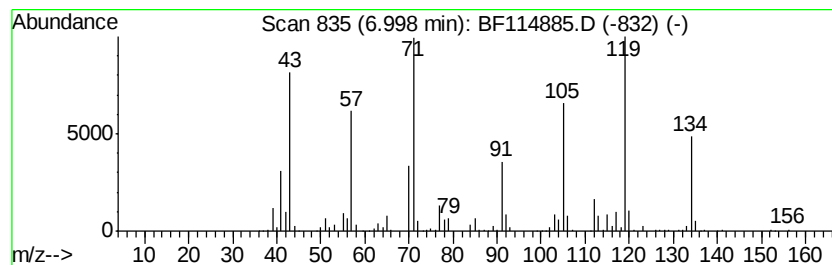
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	10.20 ng	1348720	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
4		o-Cymene	134	C10H14	000527-84-4	70
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
Acq On : 7 Jun 2019 1:34
Operator : HP/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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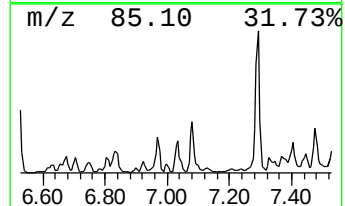
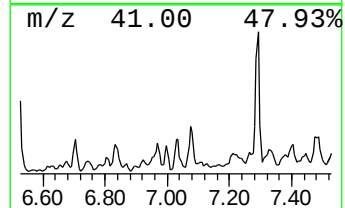
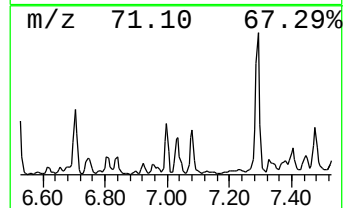
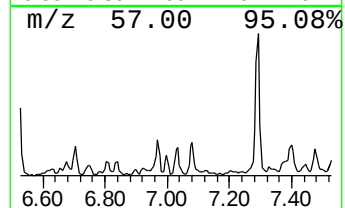
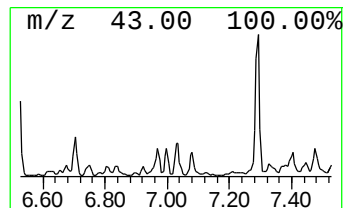
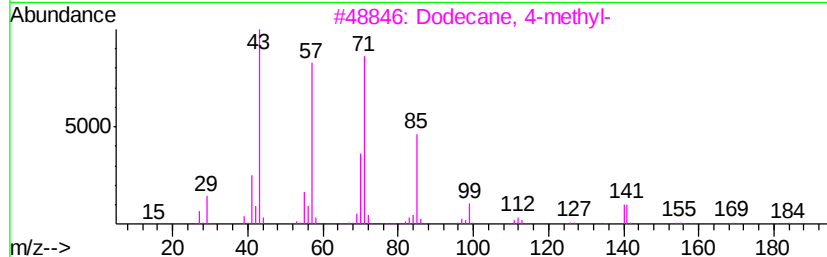
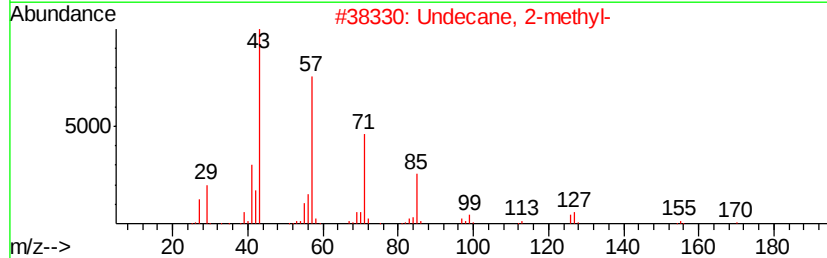
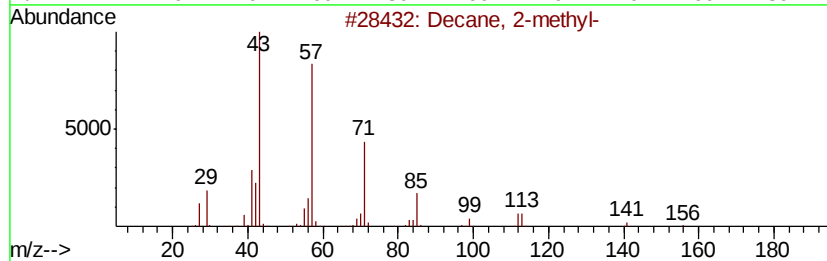
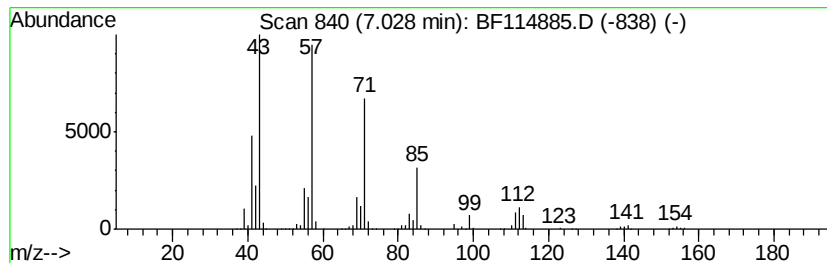
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	9.14 ng	1209050	1,4-Dichlorobenzene-d4	6.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	76
2	Undecane, 2-methyl-		170	C12H26	007045-71-8	53
3	Dodecane, 4-methyl-		184	C13H28	006117-97-1	53
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	53
5	Sulfurous acid, 2-ethylhexyl hep...		432	C25H52O3S	1000309-20-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
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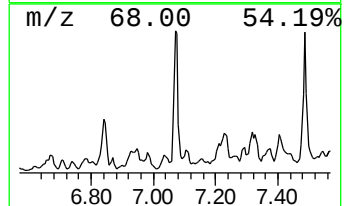
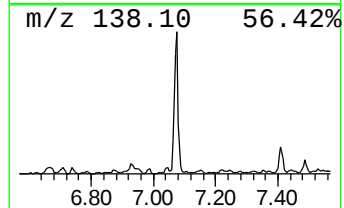
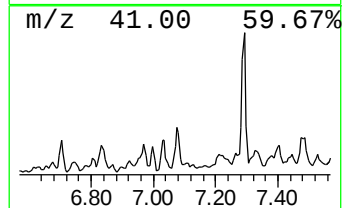
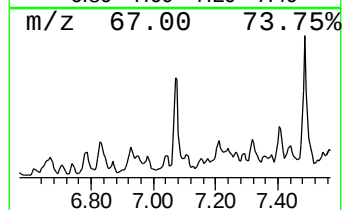
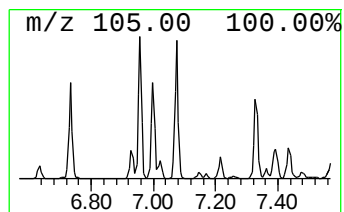
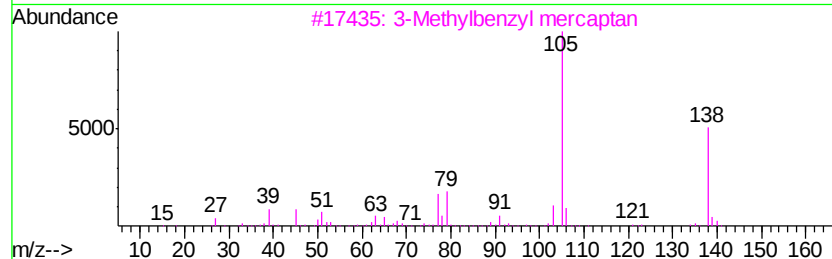
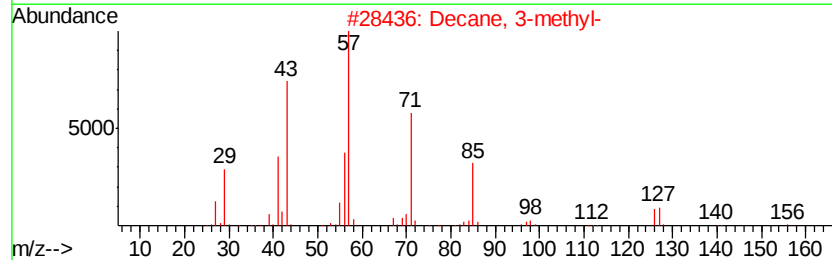
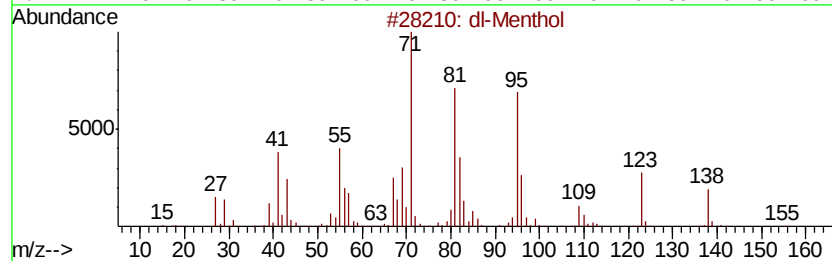
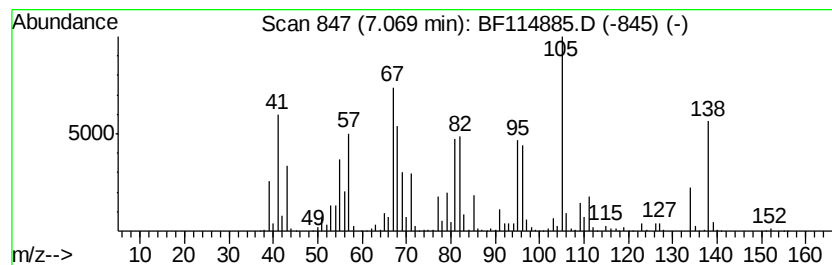
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown7.07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	16.19 ng	2141300	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-Menthol	156	C10H20O	000089-78-1	35
2		Decane, 3-methyl-	156	C11H24	013151-34-3	35
3		3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	25
4		Tetracosane	338	C24H50	000646-31-1	22
5		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
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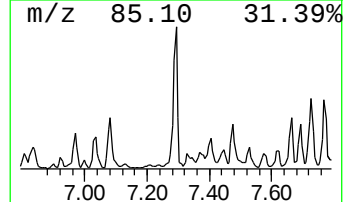
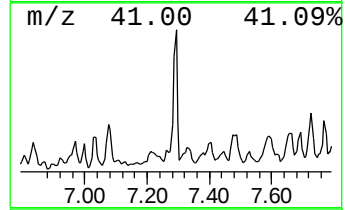
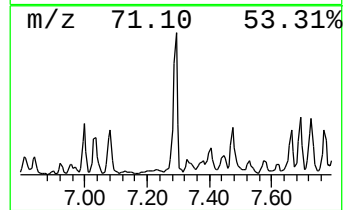
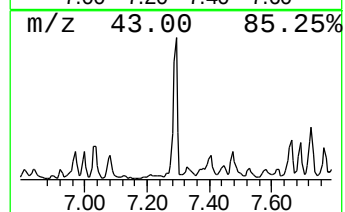
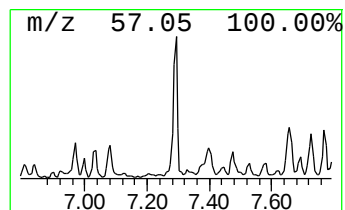
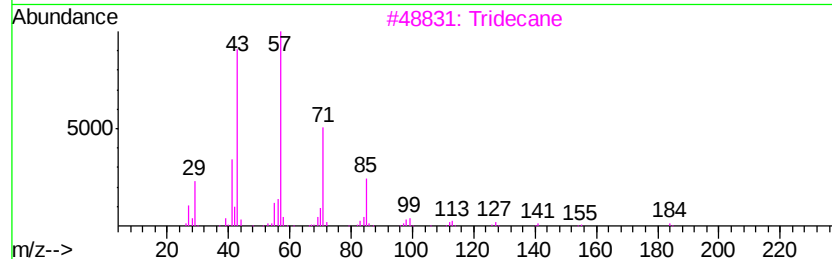
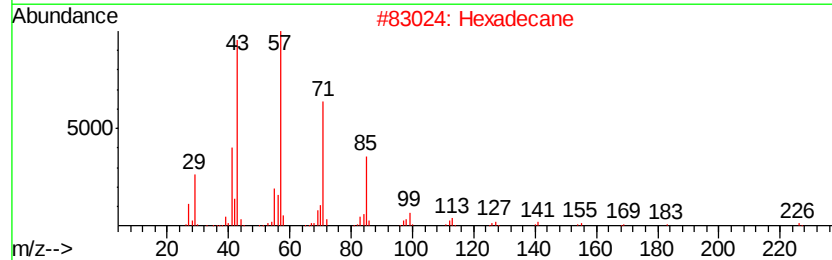
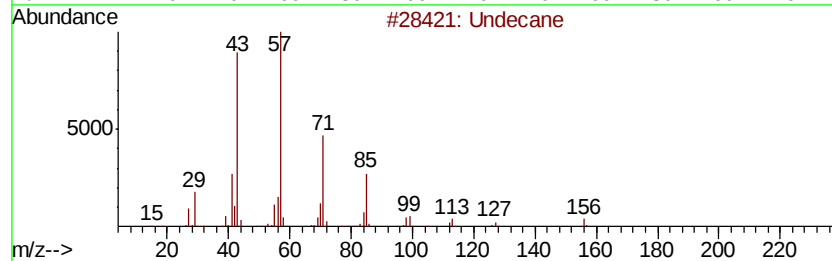
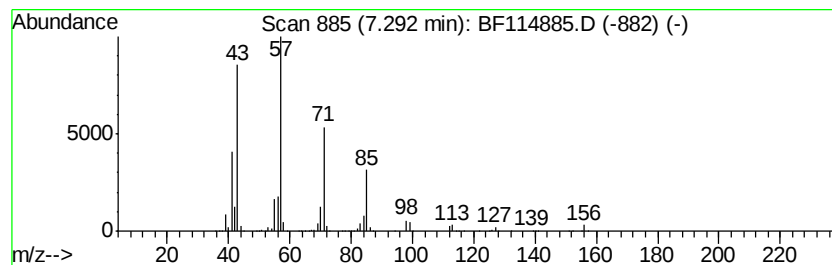
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	30.71 ng	4061580	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
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ClientSampleId :
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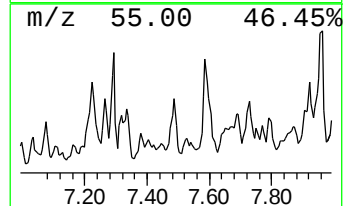
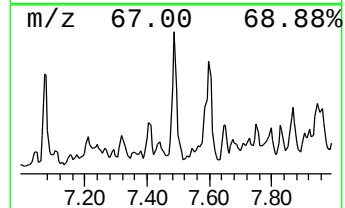
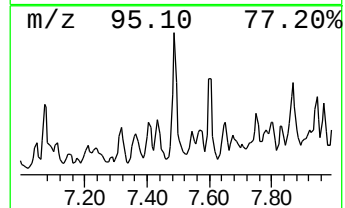
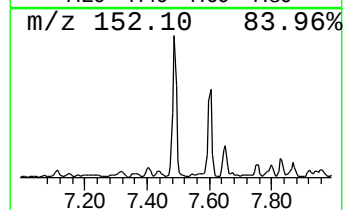
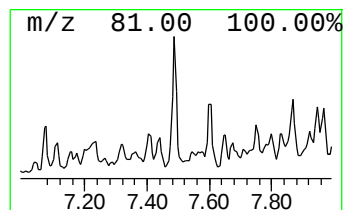
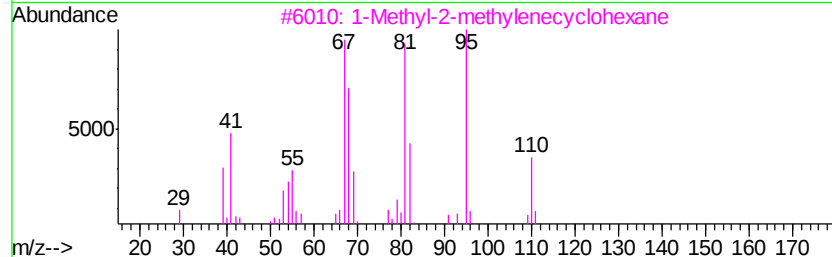
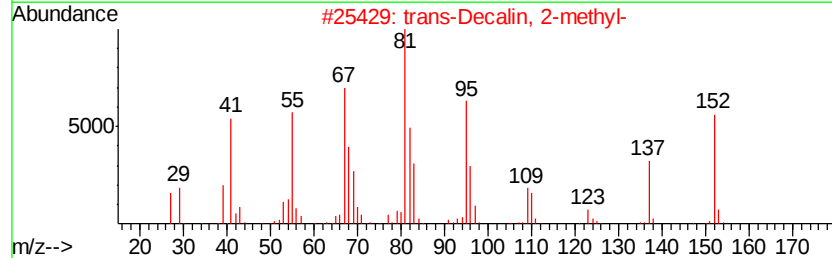
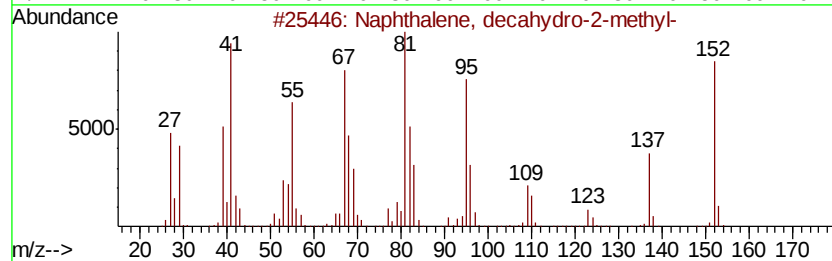
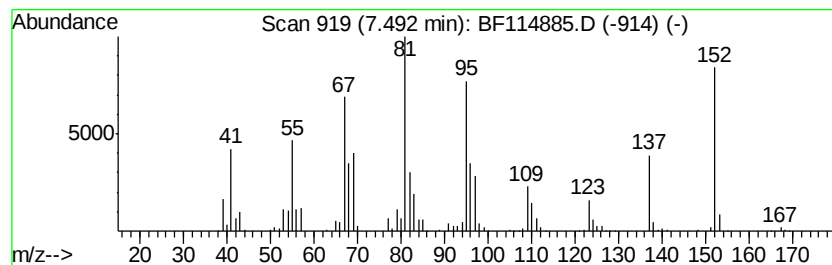
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	6.51 ng	2569730	Naphthalene-d8	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
3			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	83
4			Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	60
5			Cyclopentane, 1-methyl-3-(2-meth...	138	C10H18	075873-01-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
Acq On : 7 Jun 2019 1:34
Operator : HP/JU
Sample : K3153-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-060519-C

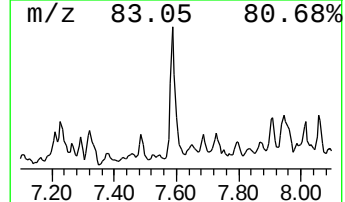
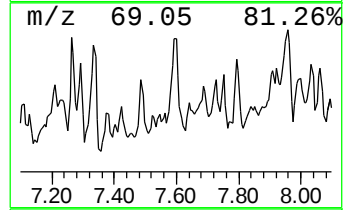
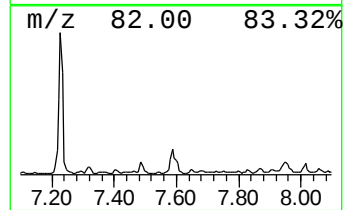
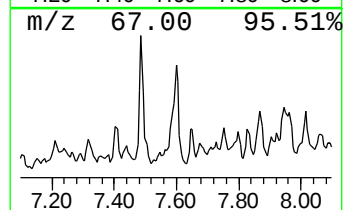
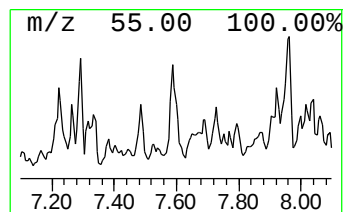
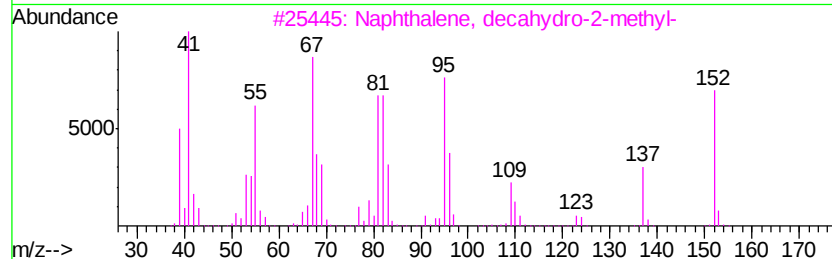
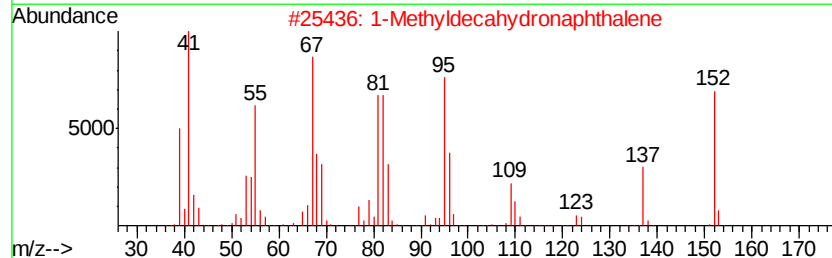
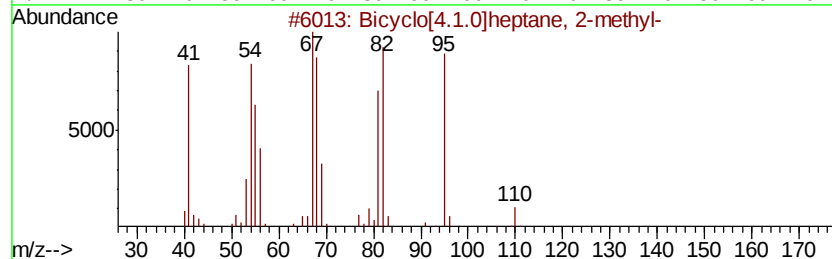
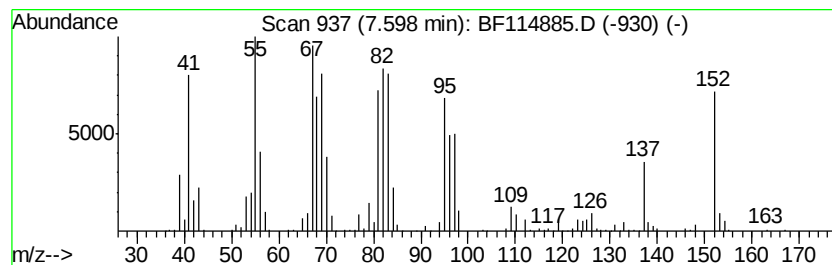
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Bicyclo[4.1.0]heptane, 2-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	6.75 ng	2664630	Naphthalene-d8	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	80
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	53
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	53
4			R(-)3,7-Dimethyl-1,6-octadiene	138	C10H18	010281-56-8	46
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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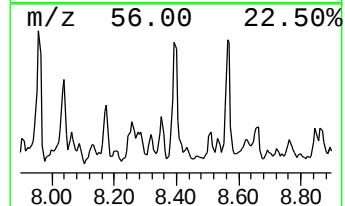
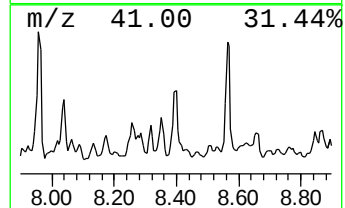
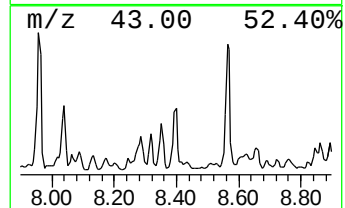
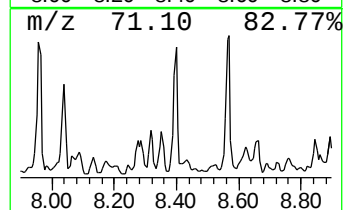
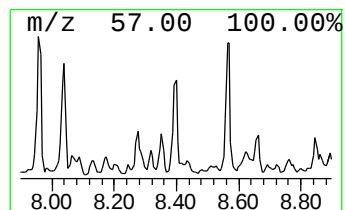
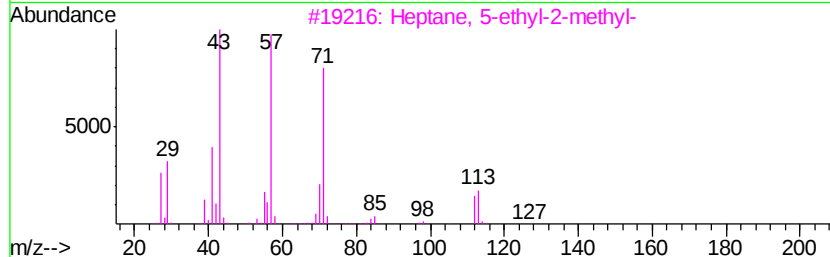
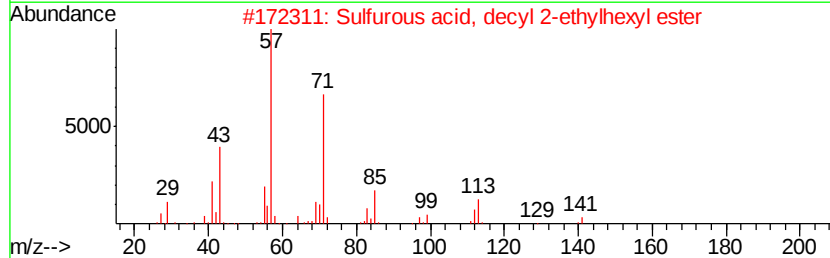
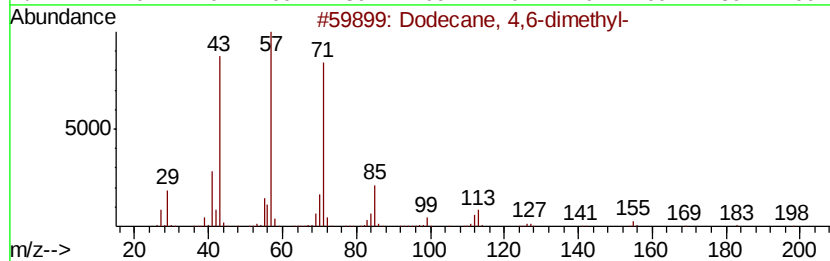
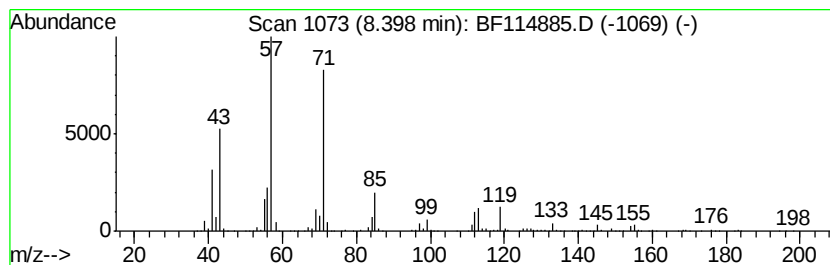
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 4,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	8.81 ng	3477220	Napthalene-d8	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	91
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	59
4			Heptane, 3-[(ethenyl)oxy]methyl-	156	C10H20O	000103-44-6	58
5			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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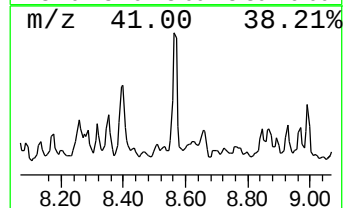
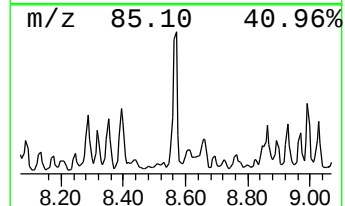
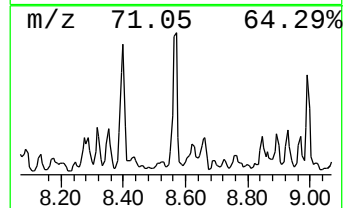
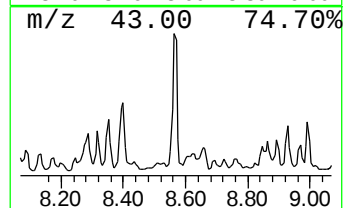
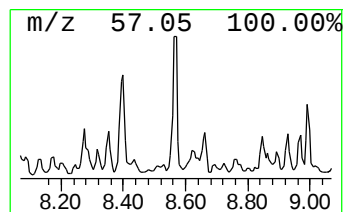
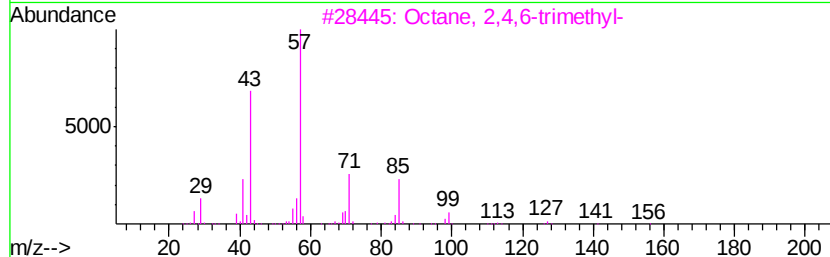
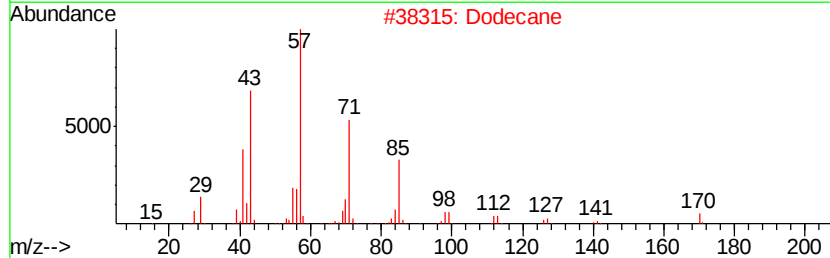
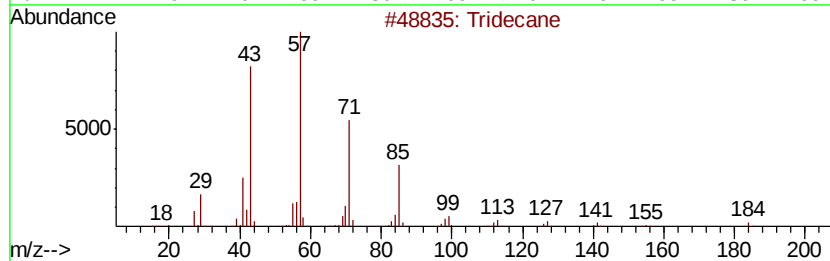
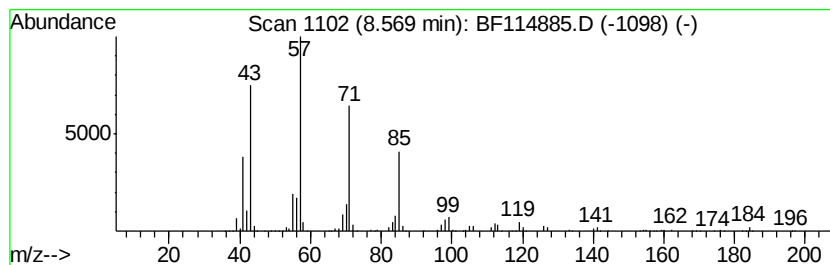
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	14.99 ng	5914990	Naphthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Dodecane	170	C12H26	000112-40-3	86
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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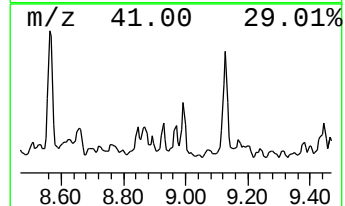
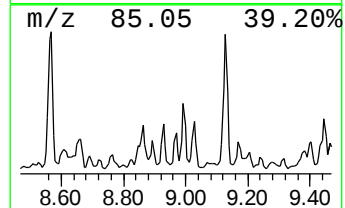
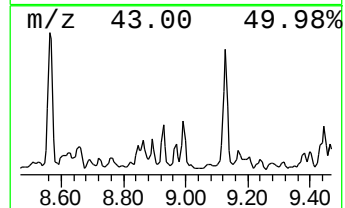
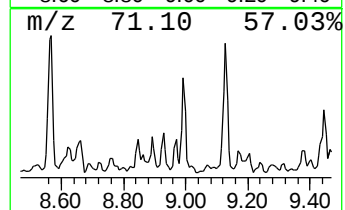
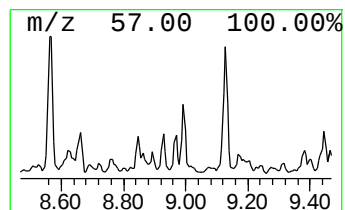
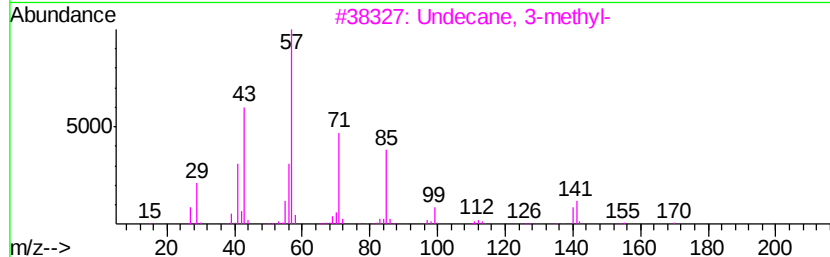
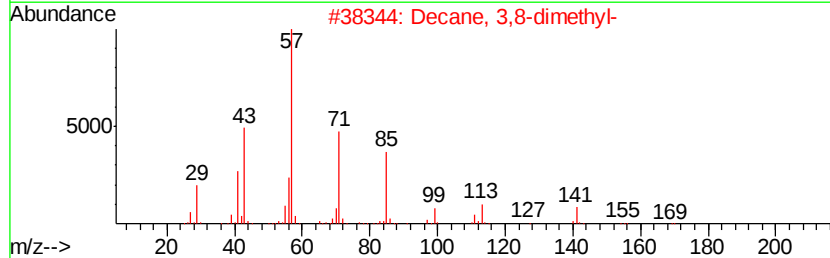
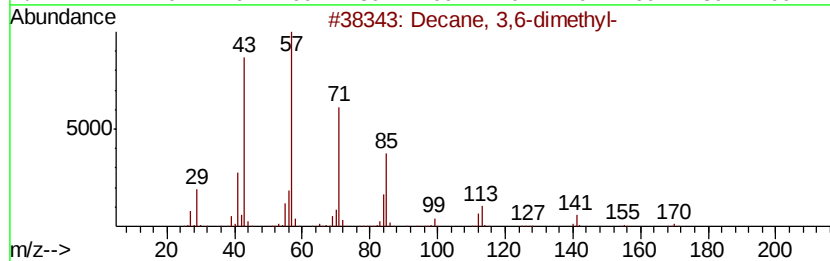
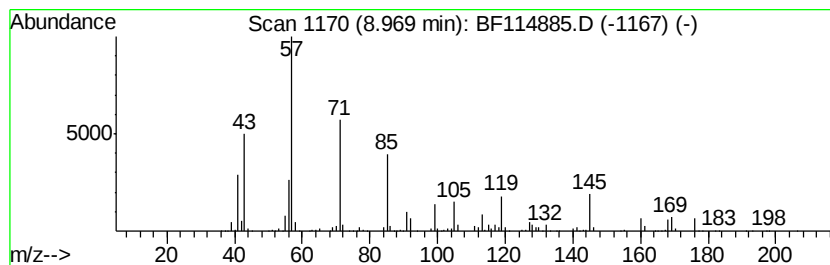
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.90 ng	998746	Acenaphthene-d10	9.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	64
2	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	64
3	Undecane, 3-methyl-	170 C12H26	001002-43-3	64
4	2-Bromo dodecane	248 C12H25Br	013187-99-0	59
5	Pentacosane	352 C25H52	000629-99-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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Acq On : 7 Jun 2019 1:34
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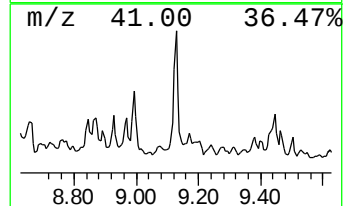
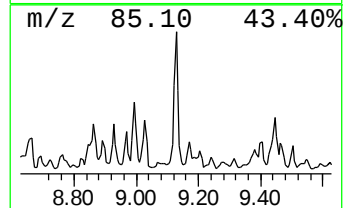
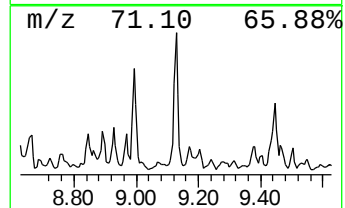
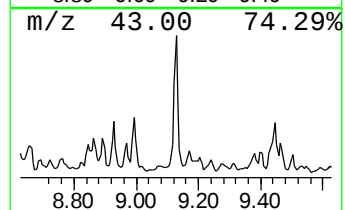
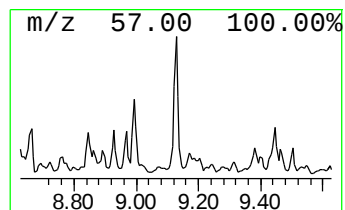
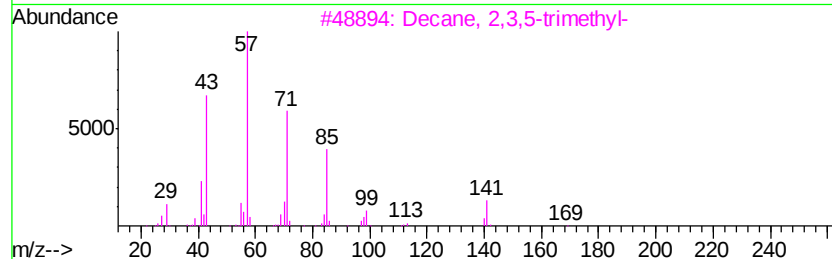
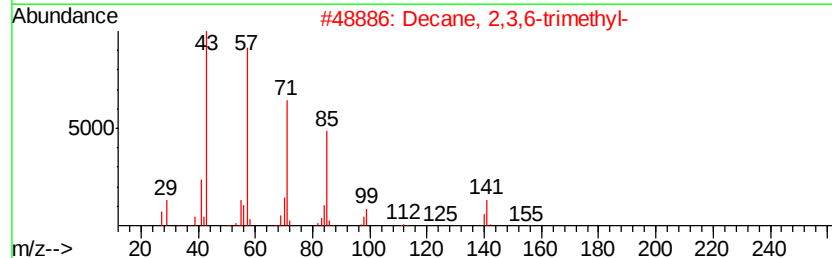
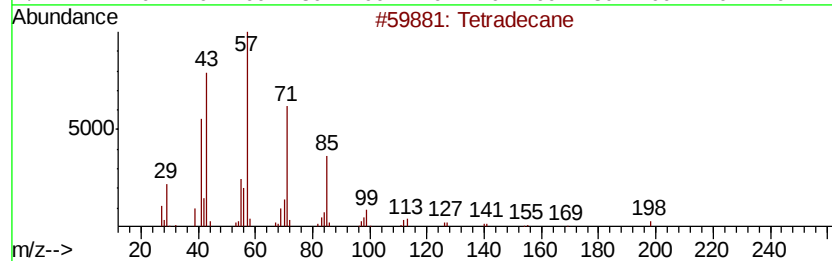
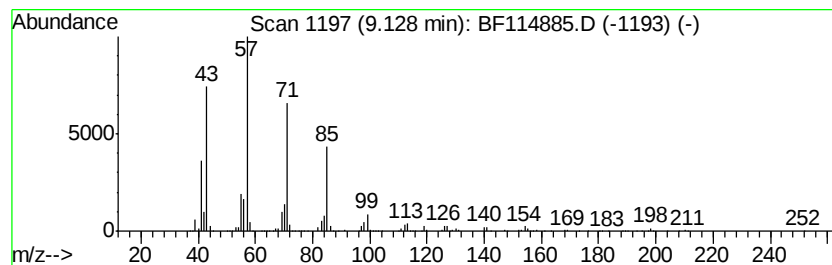
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradeceane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	23.38 ng	3955330	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradeceane	198	C14H30	000629-59-4	96
2		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Nonadecane	268	C19H40	000629-92-5	78
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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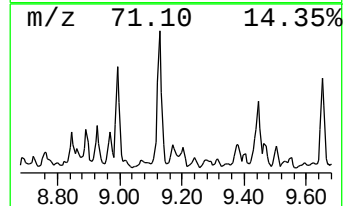
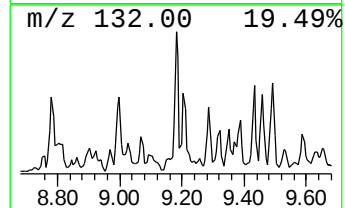
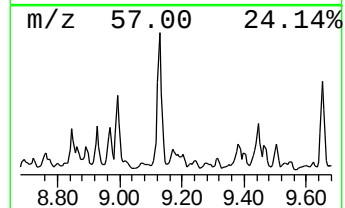
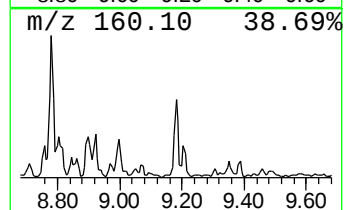
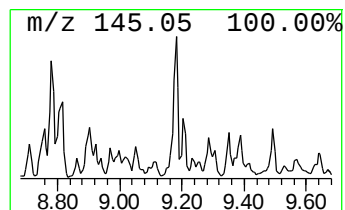
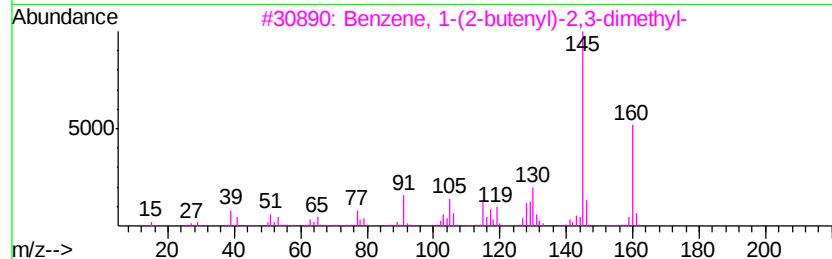
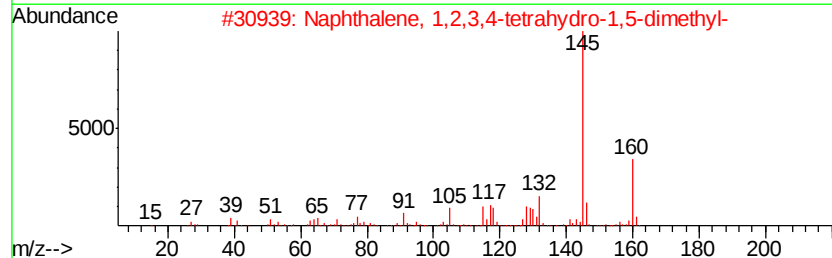
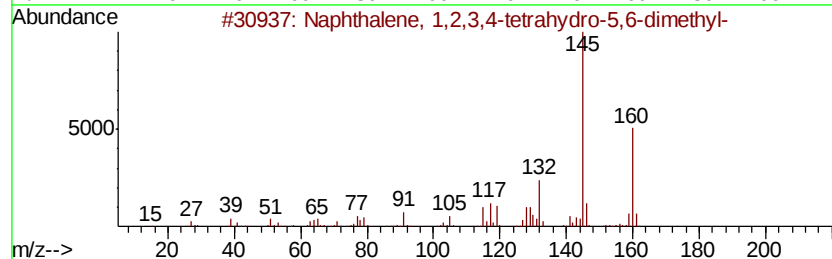
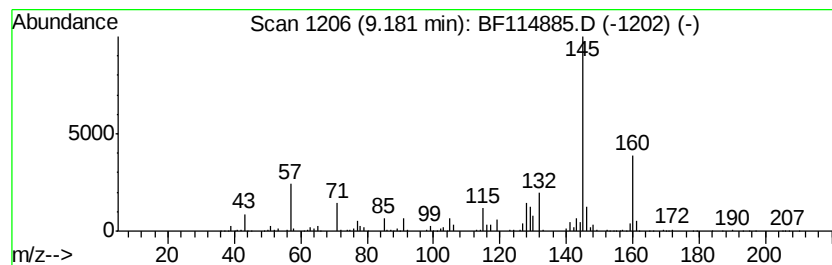
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.68 ng	1468730	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
4		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	90



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ALS Vial : 22 Sample Multiplier: 1

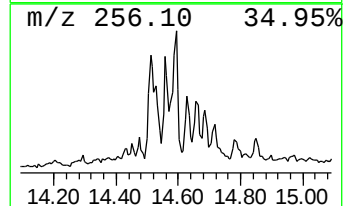
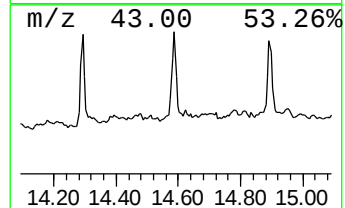
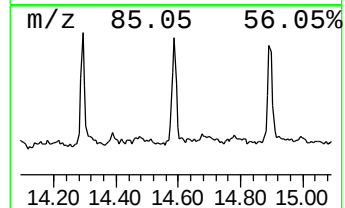
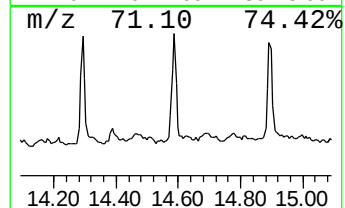
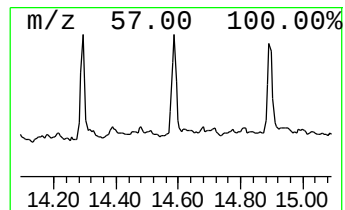
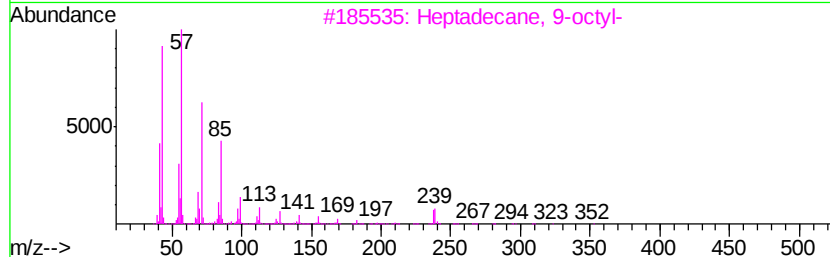
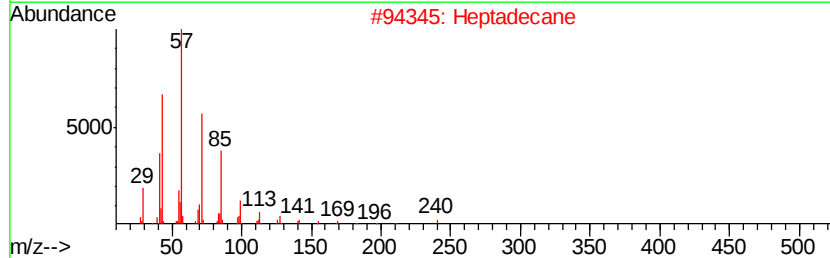
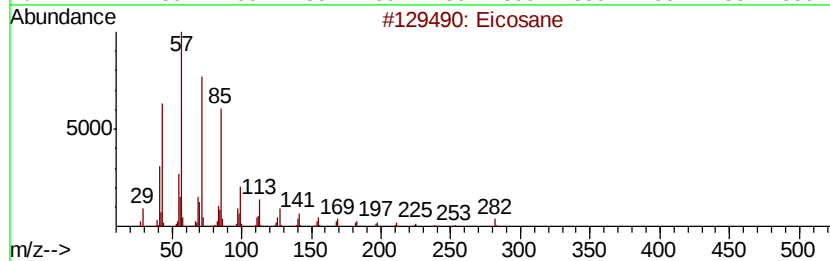
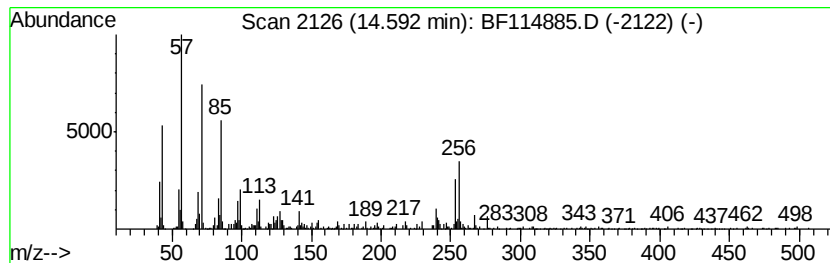
Instrument :
BNA_F
ClientSampleId :
HR-05-060519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
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.
14.59	8.19 ng	564668	Perylene-d12	15.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Heptadecane	240 C17H36	000629-78-7	91
3	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	87
4	Tetracosane	338 C24H50	000646-31-1	87
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
 Data File : BF114885.D
 Acq On : 7 Jun 2019 1:34
 Operator : HP/JU
 Sample : K3153-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-060519-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060419.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
Nonane, 2-methyl-	6.22	6.8	ng	897667	1	6.67	2645490	20.0
unknown6.44	6.44	38.8	ng	5129970	1	6.67	2645490	20.0
Decane	6.53	17.6	ng	2332410	1	6.67	2645490	20.0
unknown6.74	6.74	6.7	ng	880857	1	6.67	2645490	20.0
Decane, 5-methyl-	6.97	9.7	ng	1288690	1	6.67	2645490	20.0
Benzene, 1,3-diet...	7.00	10.2	ng	1348720	1	6.67	2645490	20.0
Decane, 2-methyl-	7.03	9.1	ng	1209050	1	6.67	2645490	20.0
unknown7.07	7.07	16.2	ng	2141300	1	6.67	2645490	20.0
Undecane	7.29	30.7	ng	4061580	1	6.67	2645490	20.0
Naphthalene, deca...	7.49	6.5	ng	2569730	2	7.95	7890130	20.0
Bicyclo[4.1.0]hep...	7.60	6.8	ng	2664630	2	7.95	7890130	20.0
Dodecane, 4,6-dim...	8.40	8.8	ng	3477220	2	7.95	7890130	20.0
Tridecane	8.57	15.0	ng	5914990	2	7.95	7890130	20.0
Decane, 3,6-dimet...	8.97	5.9	ng	998746	3	9.70	3383750	20.0
Tetradecane	9.13	23.4	ng	3955330	3	9.70	3383750	20.0
Naphthalene, 1,2,...	9.18	8.7	ng	1468730	3	9.70	3383750	20.0
Eicosane	14.59	8.2	ng	564668	6	15.18	1379720	20.0