

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113099.D
 Acq On : 18 Mar 2019 19:16
 Operator : JU/SJ
 Sample : K1687-09 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

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-BF022719.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	5.339	550	553	562	rVB	769696	734948	13.89%	0.861%
2	5.639	600	604	610	rBV	494136	453768	8.57%	0.531%
3	5.751	614	623	626	rBV2	140682	202749	3.83%	0.237%
4	5.886	640	646	651	rVB2	251106	285395	5.39%	0.334%
5	5.939	651	655	659	rBV2	102422	181723	3.43%	0.213%
6	5.981	659	662	665	rBV	576086	592842	11.20%	0.694%
7	6.039	669	672	674	rBV	209176	193157	3.65%	0.226%
8	6.175	689	695	698	rBV4	337705	455688	8.61%	0.534%
9	6.239	704	706	708	rBV	457460	344180	6.50%	0.403%
10	6.269	708	711	713	rBV3	556559	550168	10.39%	0.644%
11	6.286	713	714	719	rVB2	244594	205919	3.89%	0.241%
12	6.328	719	721	725	rBV2	724833	703859	13.30%	0.824%
13	6.369	725	728	733	rBV	890732	886485	16.75%	1.038%
14	6.410	733	735	738	rVB3	180389	190631	3.60%	0.223%
15	6.475	742	746	748	rBV2	408244	542998	10.26%	0.636%
16	6.498	748	750	754	rVB	1087665	990971	18.72%	1.161%
17	6.581	758	764	769	rVB2	3268718	3162166	59.74%	3.703%
18	6.681	776	781	784	rBV4	185275	334352	6.32%	0.392%
19	6.728	787	789	792	rVB	1183493	878432	16.60%	1.029%
20	6.757	792	794	797	rVB2	1183792	946136	17.88%	1.108%
21	6.792	797	800	805	rBV3	786466	884086	16.70%	1.035%
22	6.886	813	816	820	rBV	1619394	1551746	29.32%	1.817%
23	6.922	820	822	824	rVB	305967	250728	4.74%	0.294%
24	6.975	828	831	834	rBV4	252468	376381	7.11%	0.441%
25	7.016	834	838	841	rVB2	873631	1176173	22.22%	1.377%
26	7.051	841	844	847	rVB2	1195247	1065090	20.12%	1.247%
27	7.081	847	849	854	rVB	1007145	878790	16.60%	1.029%
28	7.128	854	857	860	rBV	1670119	1377999	26.04%	1.614%
29	7.269	876	881	882	rBV2	868176	987488	18.66%	1.156%
30	7.345	891	894	896	rVB	4712577	3977064	75.14%	4.658%
31	7.386	896	901	904	rVB3	733355	1098884	20.76%	1.287%
32	7.422	904	907	909	rBV3	367272	461125	8.71%	0.540%
33	7.451	909	912	916	rVB3	589038	684620	12.93%	0.802%
34	7.504	916	921	923	rBV3	344799	532269	10.06%	0.623%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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35	7.533	923	926	931	rVB3	903724	1461404	27.61%	1.711%
36	7.639	938	944	948	rBV5	836989	1593361	30.10%	1.866%
37	7.704	952	955	959	rVB2	716957	744885	14.07%	0.872%
38	7.739	959	961	965	rBV3	902461	1282223	24.23%	1.502%
39	7.775	965	967	971	rVB2	1228240	1329140	25.11%	1.557%
40	7.822	971	975	977	rBV2	865956	830367	15.69%	0.972%
41	7.851	978	980	983	rVB2	781322	739628	13.97%	0.866%
42	7.886	983	986	988	rBV	374800	344170	6.50%	0.403%
43	7.957	996	998	999	rBV	311167	224734	4.25%	0.263%
44	7.975	999	1001	1003	rVV3	482550	418895	7.91%	0.491%
45	8.010	1003	1007	1010	rVV	5308201	5292810	100.00%	6.198%
46	8.033	1010	1011	1014	rVV3	289646	384441	7.26%	0.450%
47	8.069	1014	1017	1018	rVV2	512375	554558	10.48%	0.649%
48	8.086	1018	1020	1023	rVV	1631201	1319449	24.93%	1.545%
49	8.110	1023	1024	1027	rVV3	416829	351562	6.64%	0.412%
50	8.139	1027	1029	1032	rVB3	344043	278684	5.27%	0.326%
51	8.192	1032	1038	1039	rBV5	356908	583892	11.03%	0.684%
52	8.210	1039	1041	1043	rVV	373639	399444	7.55%	0.468%
53	8.257	1046	1049	1051	rVV3	250624	242180	4.58%	0.284%
54	8.316	1054	1059	1061	rVV6	1024121	1530493	28.92%	1.792%
55	8.339	1061	1063	1065	rVV3	541124	473757	8.95%	0.555%
56	8.369	1065	1068	1071	rVV2	1018355	839538	15.86%	0.983%
57	8.404	1071	1074	1076	rVV2	1086227	1080357	20.41%	1.265%
58	8.445	1078	1081	1086	rVV2	1728010	2039754	38.54%	2.389%
59	8.480	1086	1087	1090	rVB	413763	321187	6.07%	0.376%
60	8.522	1090	1094	1097	rBV3	855433	897040	16.95%	1.051%
61	8.563	1097	1101	1102	rBV4	283128	288938	5.46%	0.338%
62	8.616	1106	1110	1114	rVV	3848217	4059330	76.70%	4.754%
63	8.675	1117	1120	1122	rVV4	798647	887294	16.76%	1.039%
64	8.710	1123	1126	1132	rVB4	745682	1002134	18.93%	1.174%
65	8.839	1145	1148	1152	rVB3	485833	617930	11.67%	0.724%
66	8.898	1155	1158	1160	rBV	611091	562347	10.62%	0.659%
67	8.927	1160	1163	1165	rVV3	510917	649792	12.28%	0.761%
68	8.945	1165	1166	1170	rVV3	375422	370328	7.00%	0.434%
69	8.980	1170	1172	1175	rVB	672935	523837	9.90%	0.613%
70	9.016	1176	1178	1180	rBV	460671	415772	7.86%	0.487%
71	9.045	1180	1183	1186	rVB2	1214049	1123634	21.23%	1.316%

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72	9.086	1186	1190	1195	rVB	1139957	1054692	19.93%	1.235%
73	9.180	1202	1206	1210	rBV	3473572	3120816	58.96%	3.655%
74	9.239	1214	1216	1218	rVB	312808	225949	4.27%	0.265%
75	9.345	1229	1234	1235	rBV4	226173	328073	6.20%	0.384%
76	9.404	1241	1244	1245	rBV3	184066	201839	3.81%	0.236%
77	9.427	1245	1248	1250	rVV2	480503	596841	11.28%	0.699%
78	9.451	1250	1252	1254	rVV2	484319	414909	7.84%	0.486%
79	9.498	1254	1260	1262	rVV3	1102052	1406558	26.57%	1.647%
80	9.516	1262	1263	1267	rVV	576496	466958	8.82%	0.547%
81	9.551	1267	1269	1272	rVB2	352756	298766	5.64%	0.350%
82	9.704	1292	1295	1299	rVB	2114640	1768485	33.41%	2.071%
83	9.763	1299	1305	1308	rBV	1436724	1510995	28.55%	1.770%
84	9.933	1331	1334	1337	rBV4	190473	272675	5.15%	0.319%
85	9.963	1337	1339	1342	rVV2	273095	265017	5.01%	0.310%
86	10.027	1347	1350	1354	rVV4	340253	383317	7.24%	0.449%
87	10.204	1376	1380	1382	rVB	1179252	978403	18.49%	1.146%
88	10.422	1410	1417	1423	rBV	388349	473856	8.95%	0.555%
89	10.545	1434	1438	1442	rBV3	509660	534173	10.09%	0.626%
90	10.674	1457	1460	1468	rVB	756292	1017173	19.22%	1.191%
91	11.116	1532	1535	1538	rBV	388152	350538	6.62%	0.411%
92	11.151	1538	1541	1545	rVB	179923	184750	3.49%	0.216%
93	11.239	1552	1556	1562	rBV	1247862	1166720	22.04%	1.366%
94	11.545	1604	1608	1611	rVB	230155	200253	3.78%	0.235%
95	12.321	1737	1740	1742	rBV	447496	446298	8.43%	0.523%
96	12.339	1742	1743	1752	rVB2	360944	309396	5.85%	0.362%
97	12.815	1821	1824	1831	rBV	976279	872377	16.48%	1.022%
98	13.868	1999	2003	2009	rBV	1201943	1209726	22.86%	1.417%
99	14.957	2186	2188	2194	rVB	168077	179243	3.39%	0.210%
100	15.280	2238	2243	2246	rBV	733446	953218	18.01%	1.116%

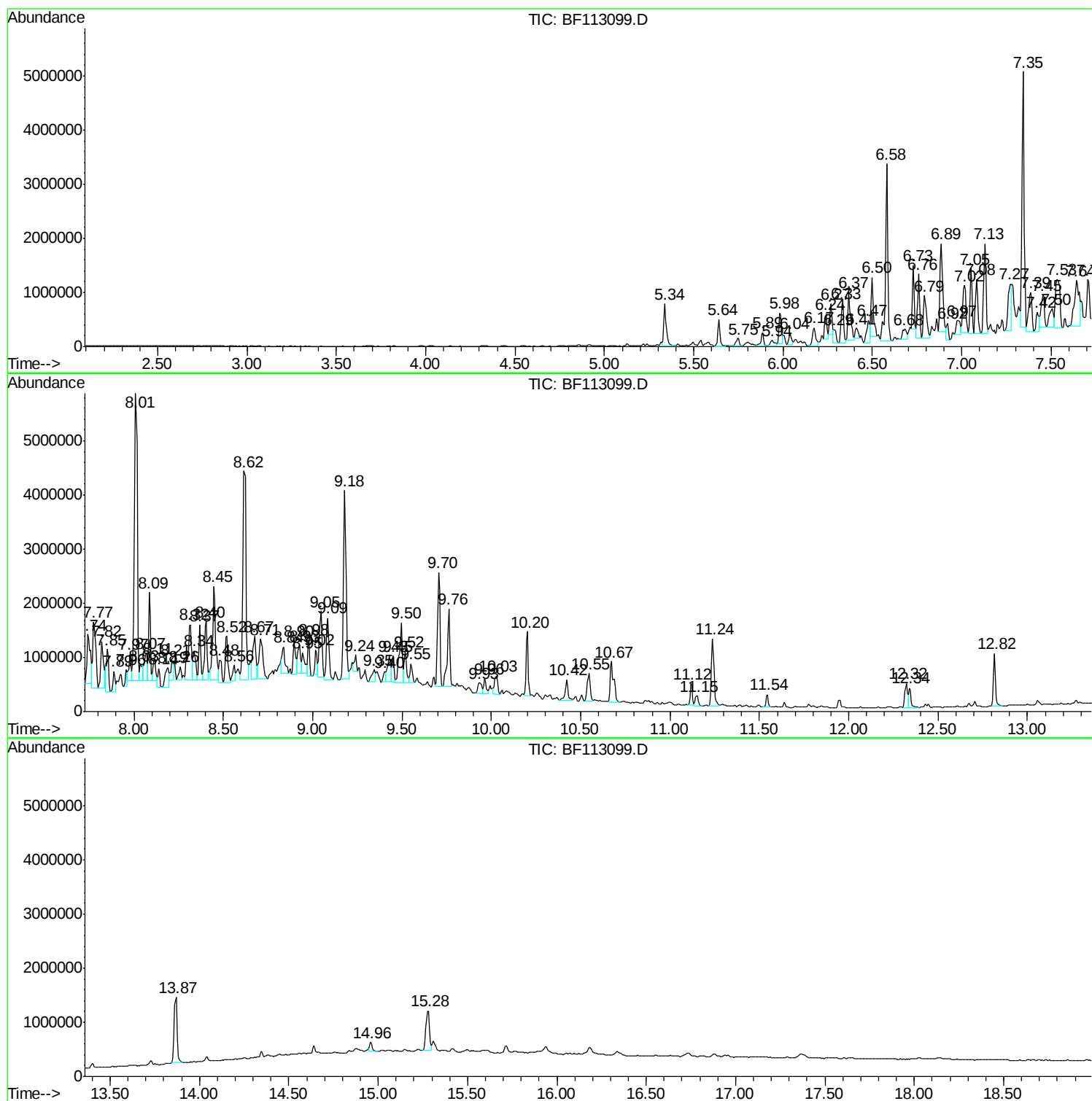
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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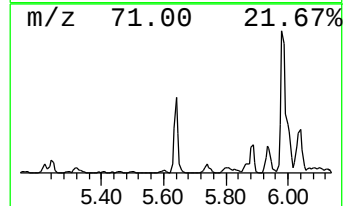
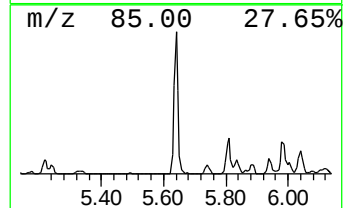
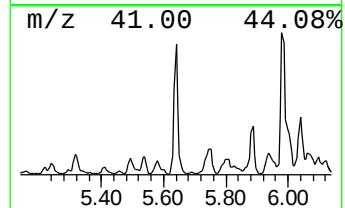
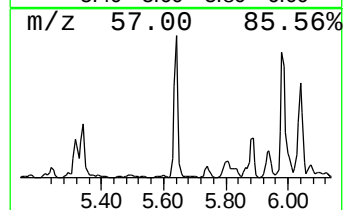
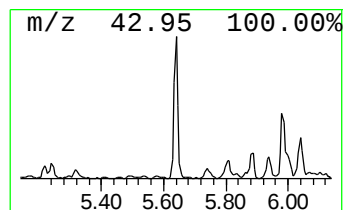
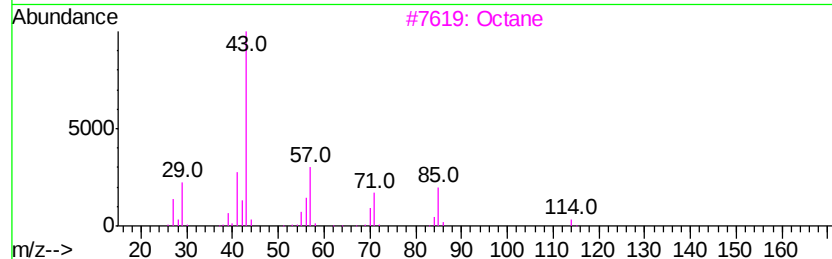
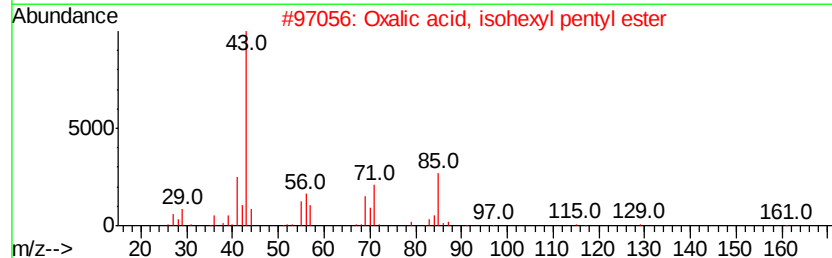
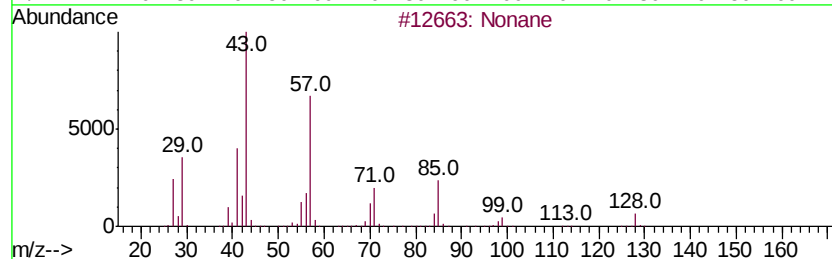
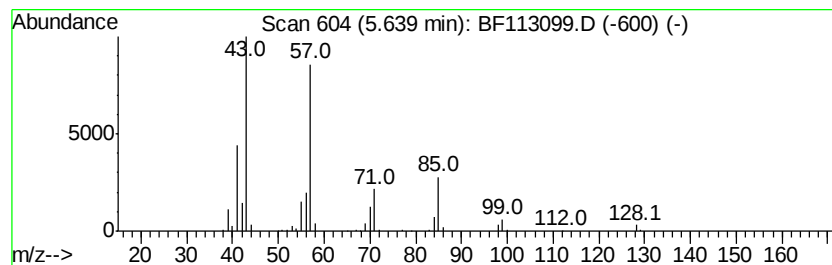
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	10.33 ng	453768	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	90
2		Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
3		Octane	114	C8H18	000111-65-9	64
4		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	53
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53



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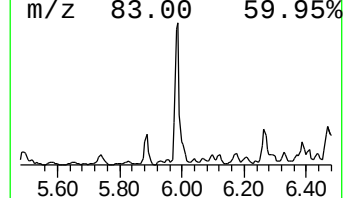
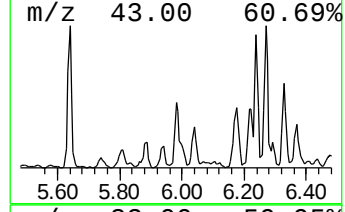
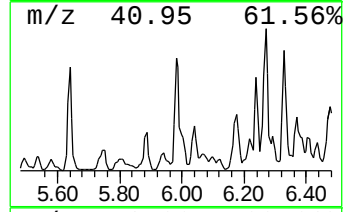
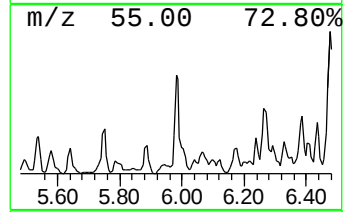
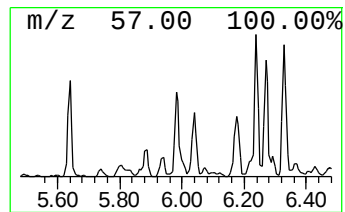
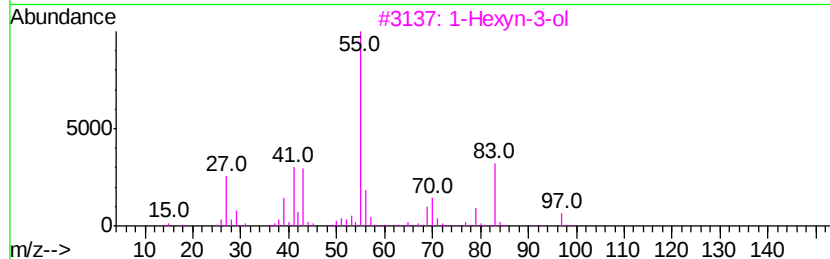
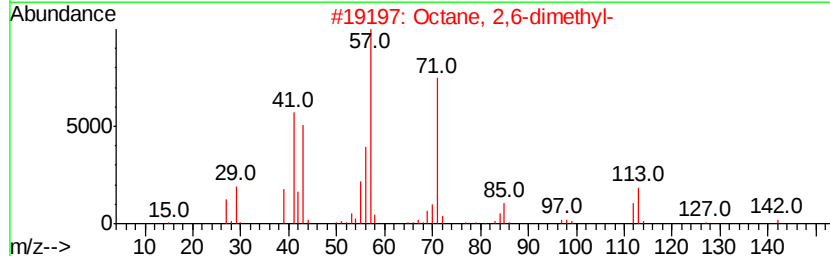
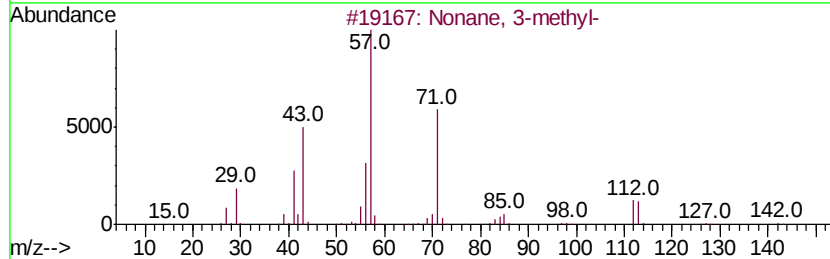
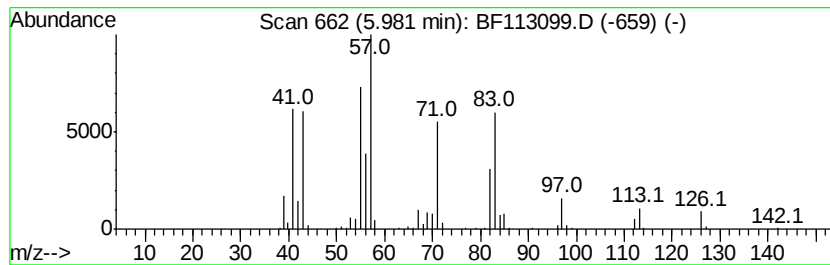
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.98 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	13.50 ng	592842	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3		1-Hexyn-3-ol	98	C6H10O	000105-31-7	38
4		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	35
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35



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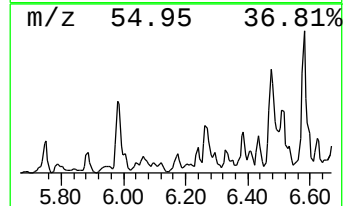
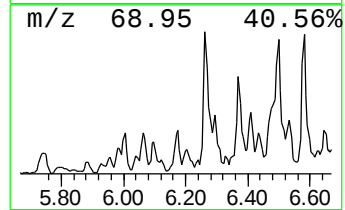
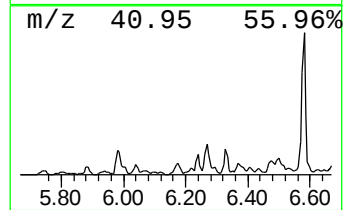
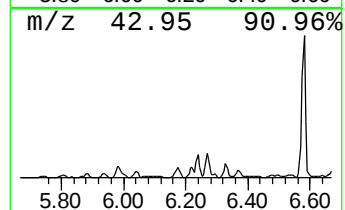
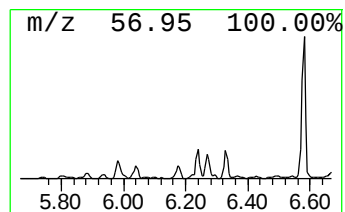
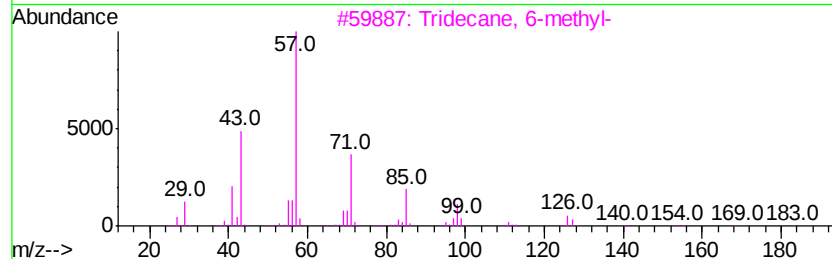
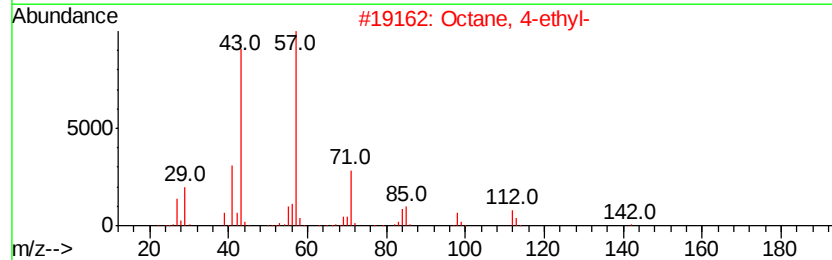
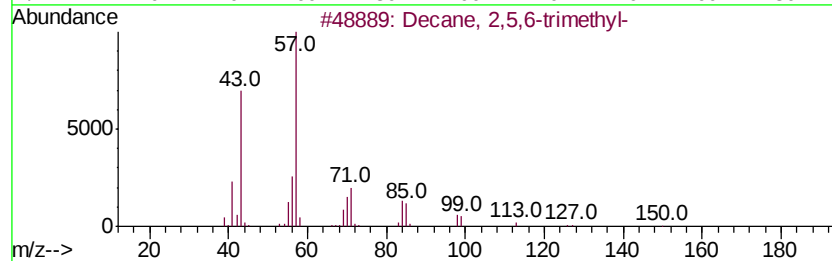
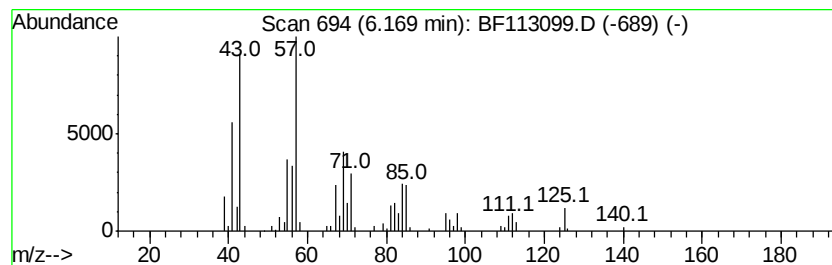
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2,5,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	10.38 ng	455688	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	52
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5		Octane	114	C8H18	000111-65-9	47



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Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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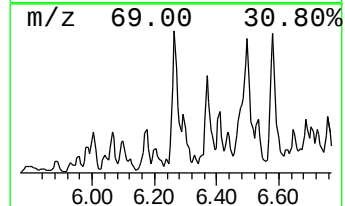
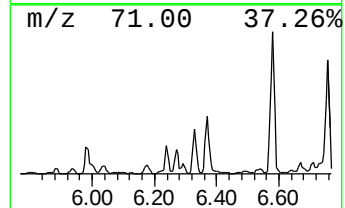
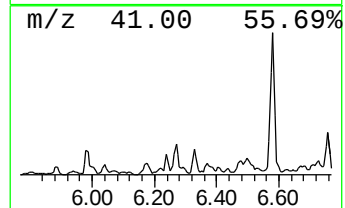
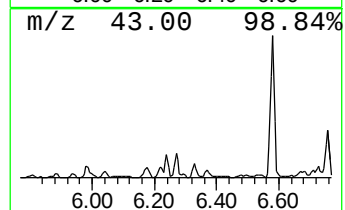
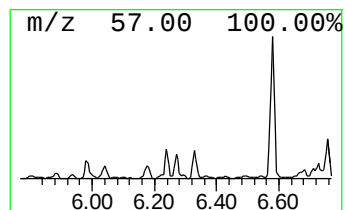
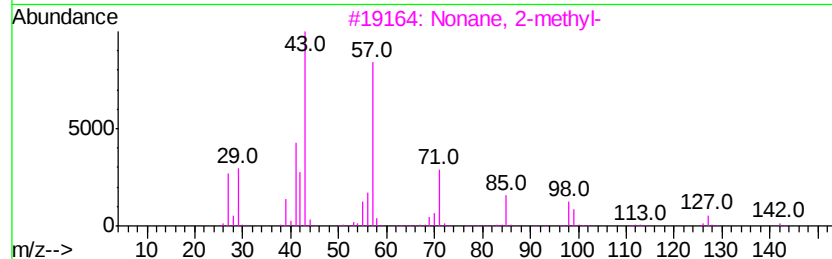
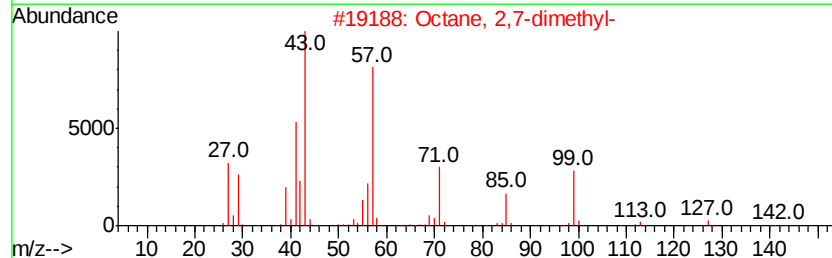
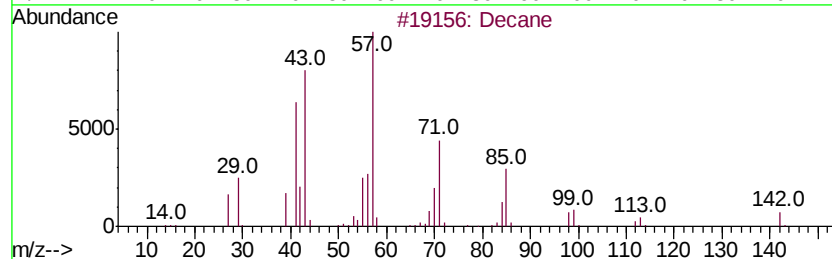
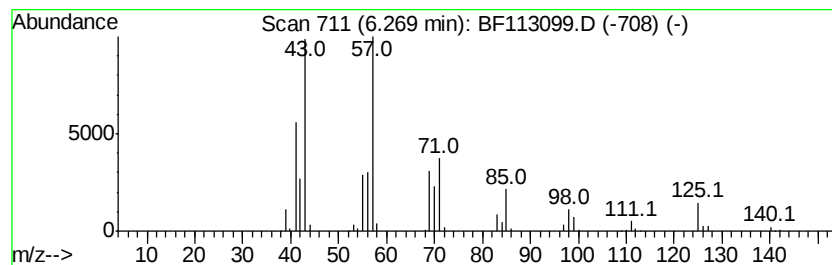
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	12.53 ng	550168	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	64
2		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	58
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	53
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
5		2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	43



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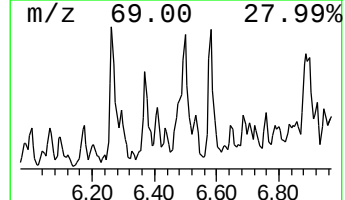
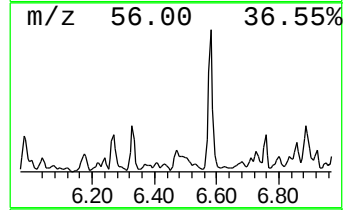
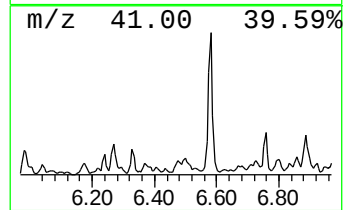
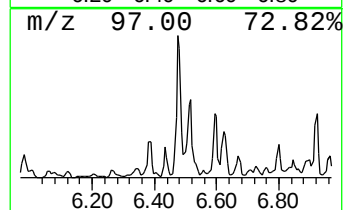
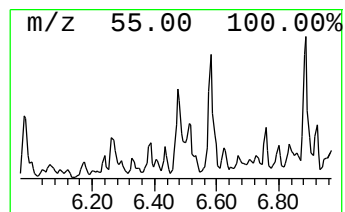
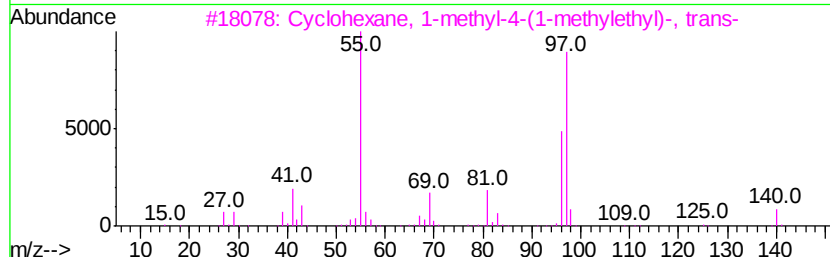
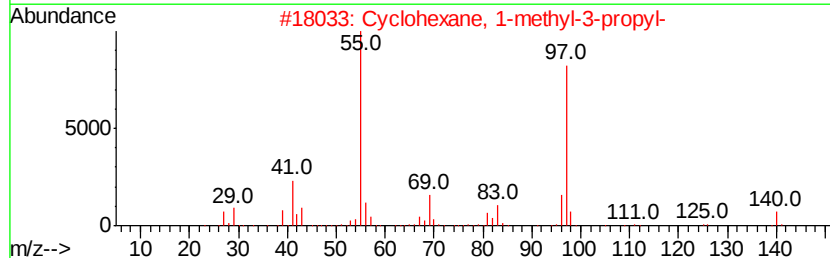
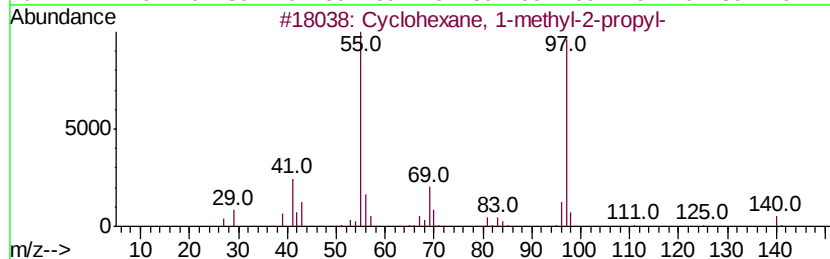
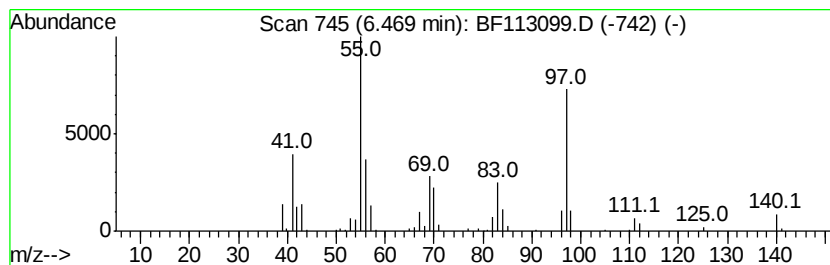
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1-methyl-2-pro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	12.36 ng	542998	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	93
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	91
3		Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	80
4		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	80
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	78



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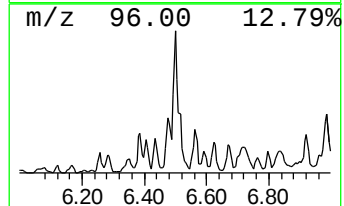
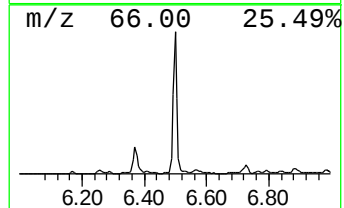
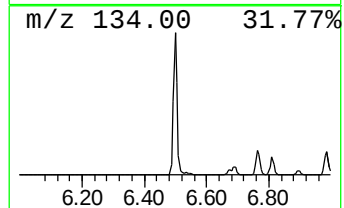
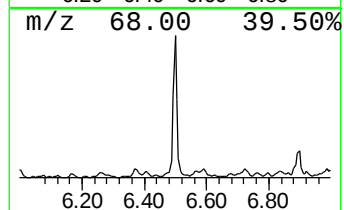
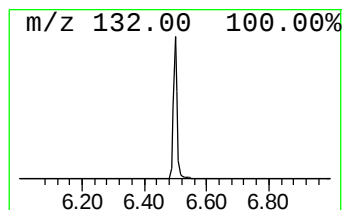
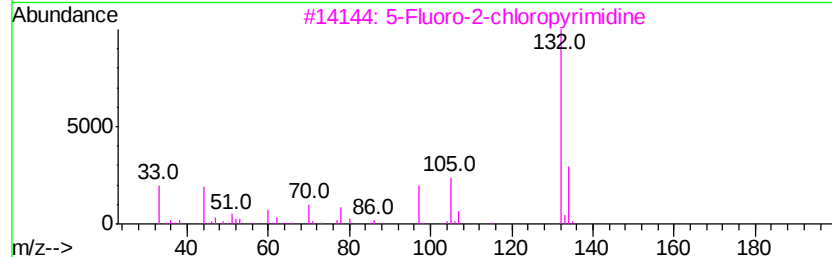
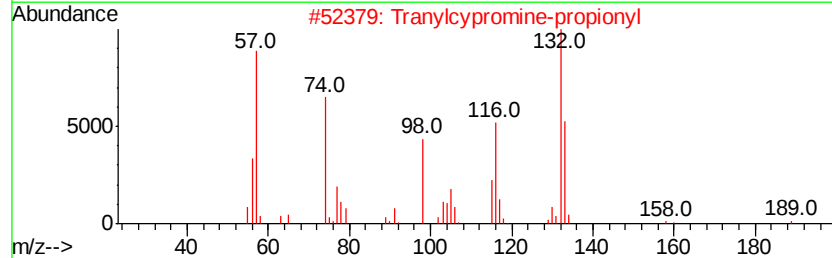
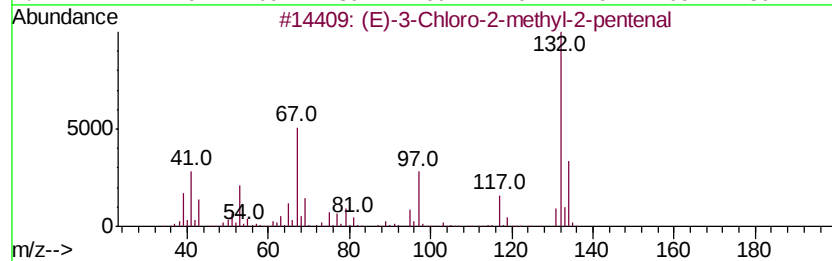
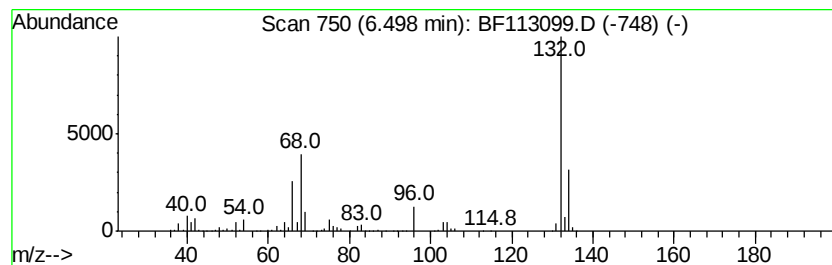
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	22.56 ng	990971	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		Xenon	132	Xe	007440-63-3	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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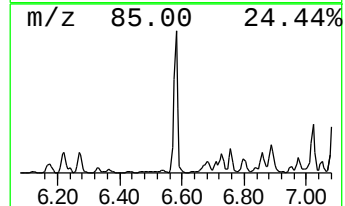
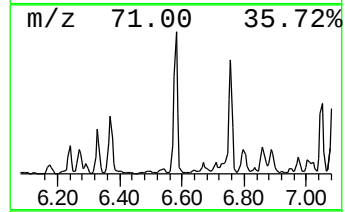
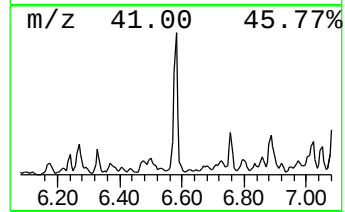
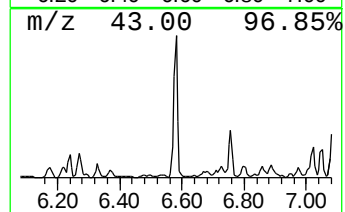
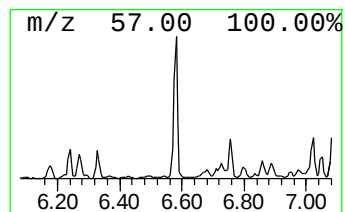
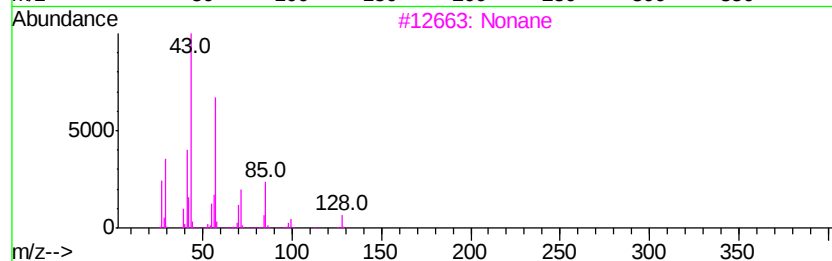
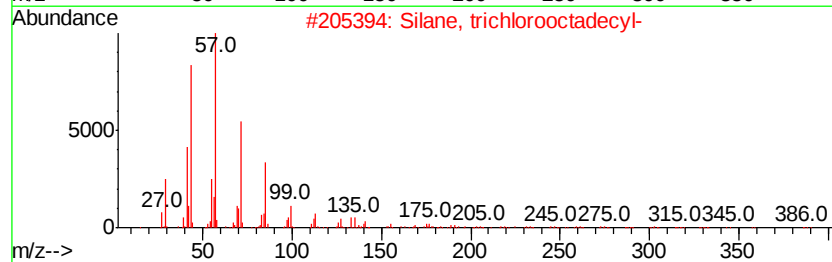
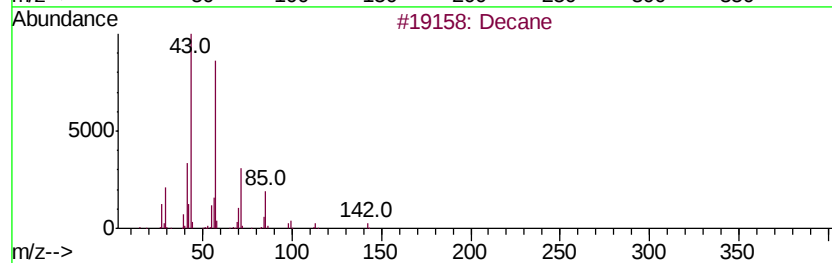
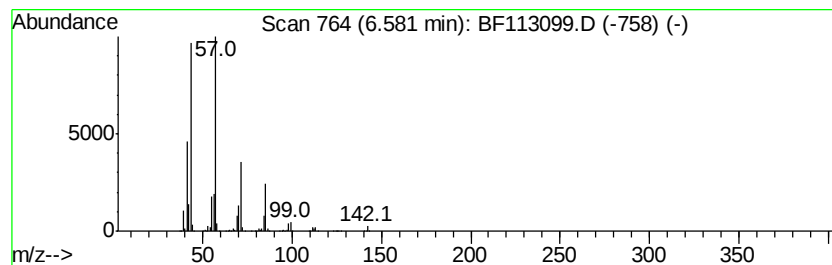
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Silane, trichlorooctadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	72.00 ng	3162170	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	90
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Nonane	128	C9H20	000111-84-2	83
4		Undecane	156	C11H24	001120-21-4	72
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



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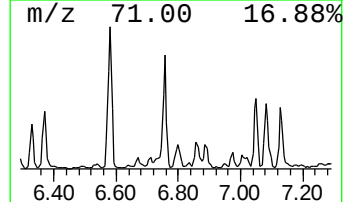
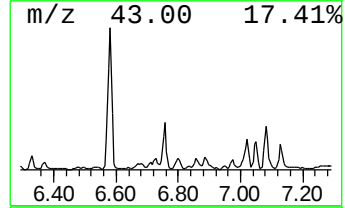
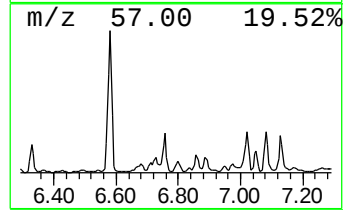
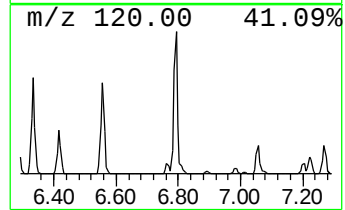
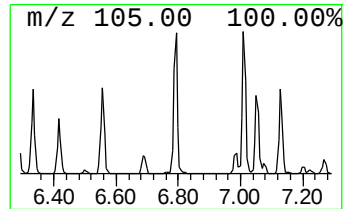
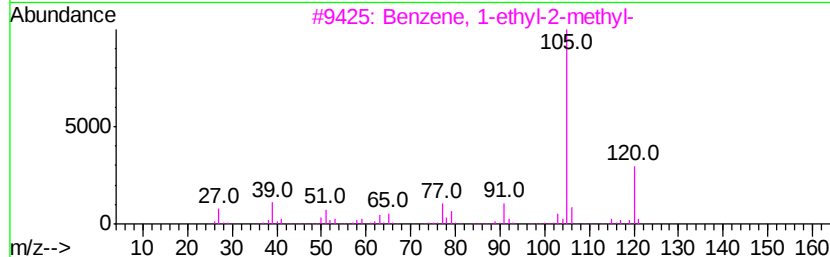
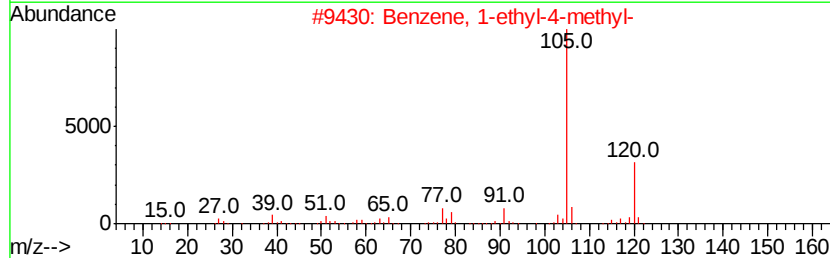
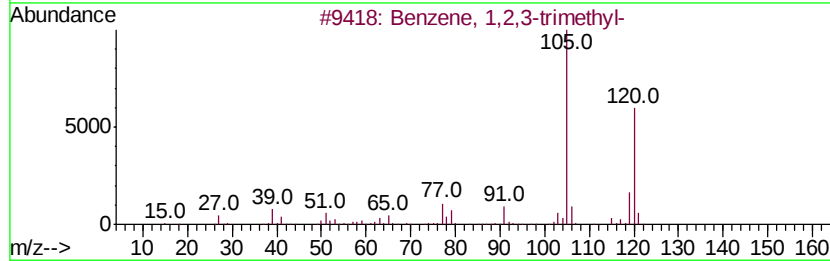
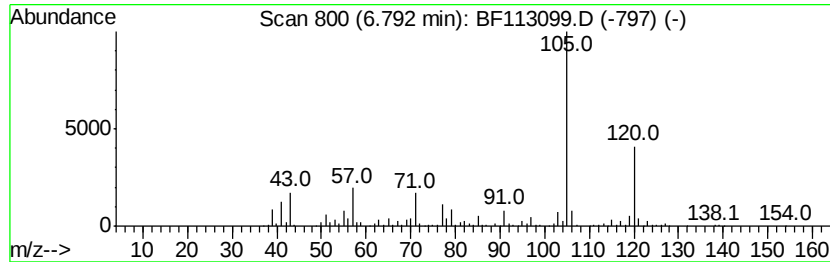
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	20.13 ng	884086	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
2		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76



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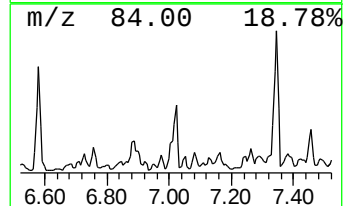
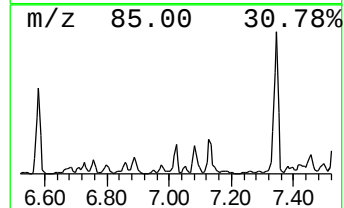
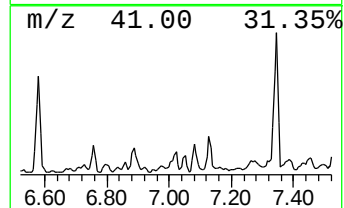
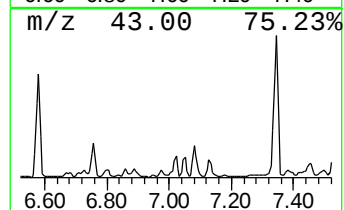
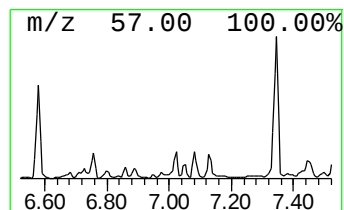
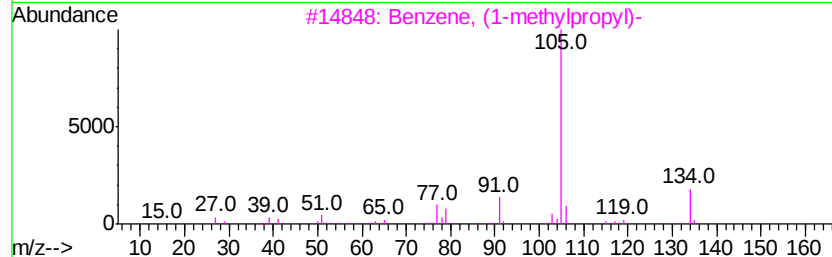
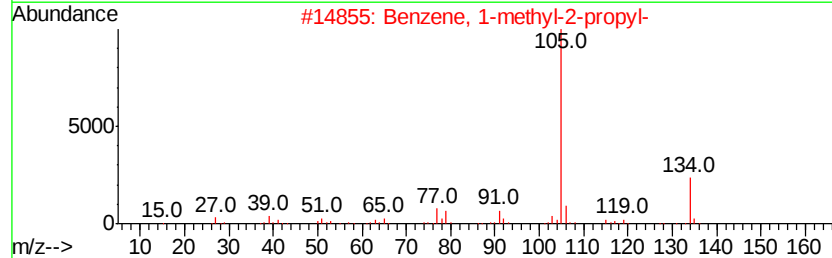
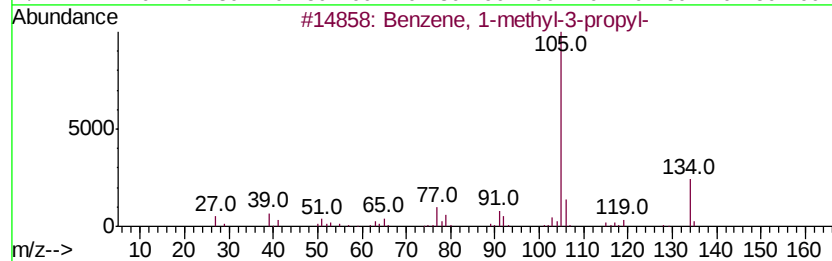
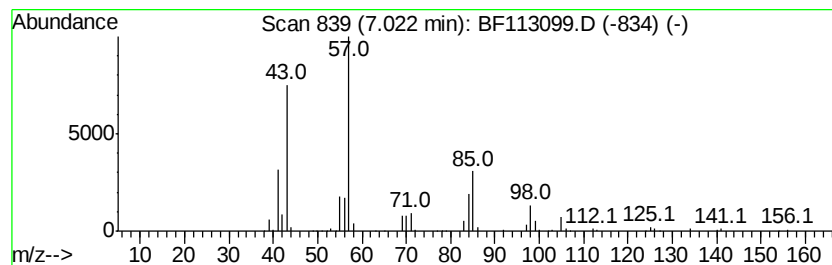
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	26.78 ng	1176170	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	38



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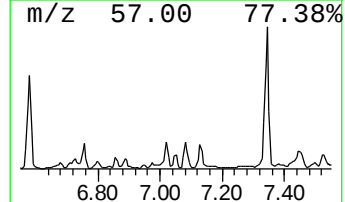
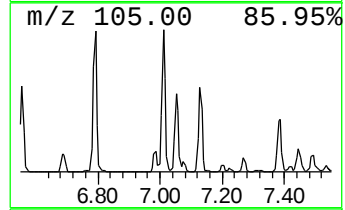
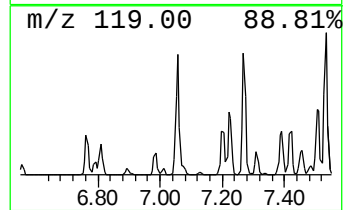
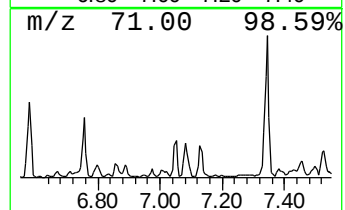
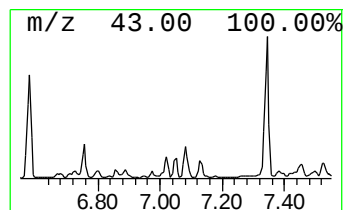
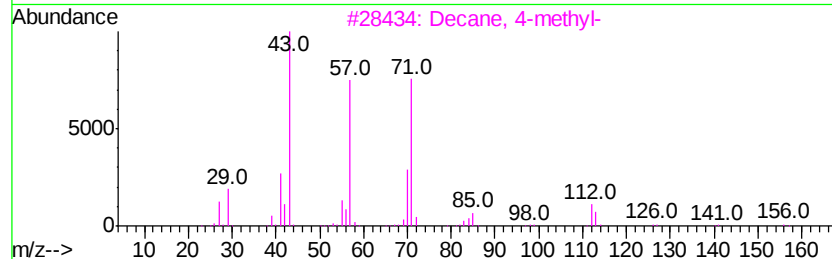
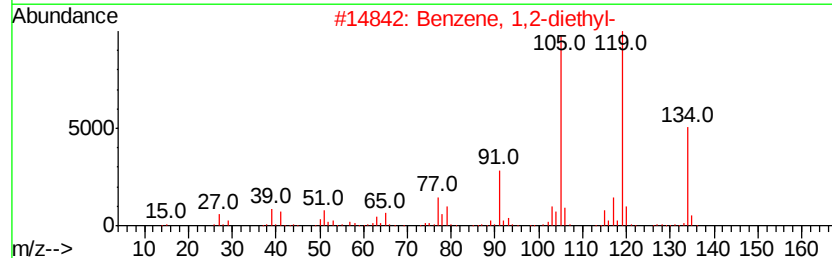
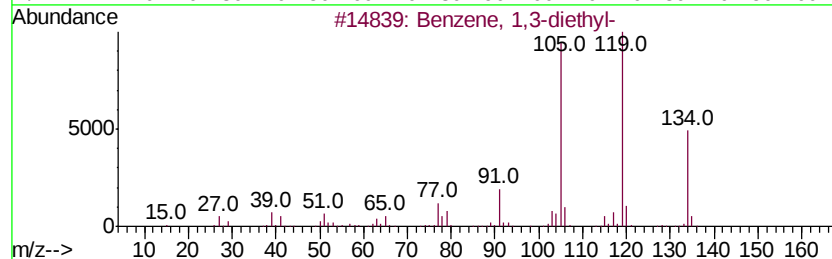
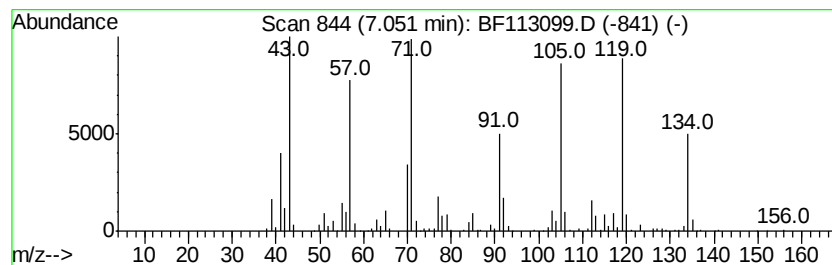
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	24.25 ng	1065090	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	92
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	78
3		Decane, 4-methyl-	156	C11H24	002847-72-5	70
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-B

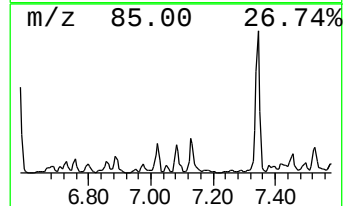
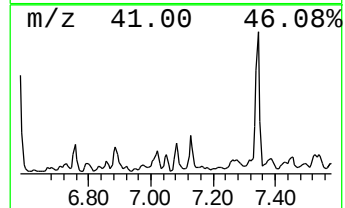
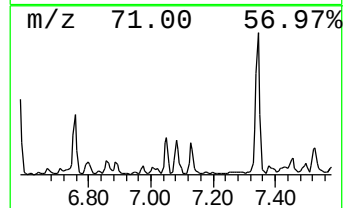
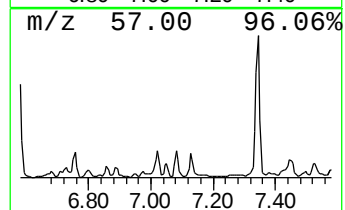
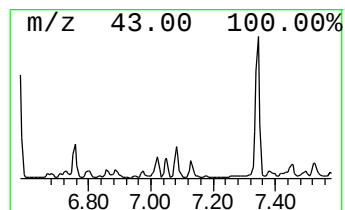
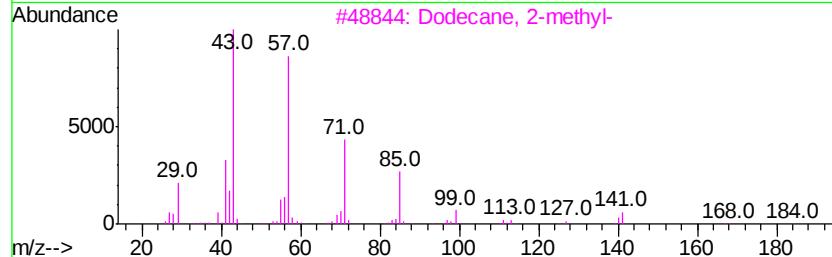
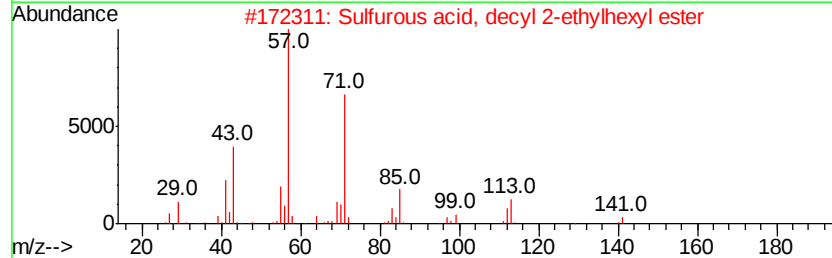
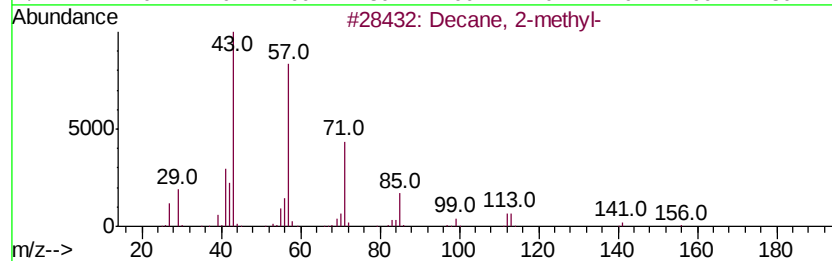
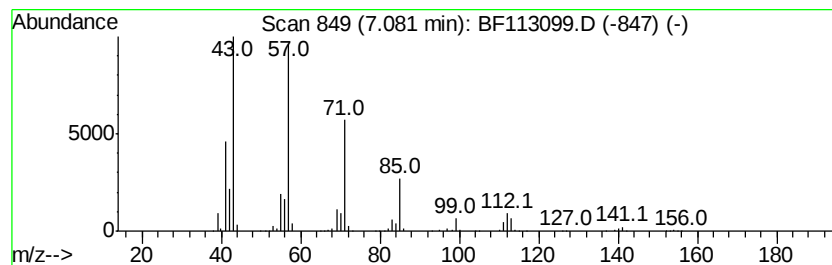
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	20.01 ng	878790	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	59
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-031519-B

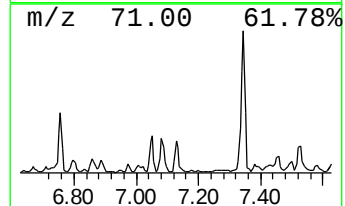
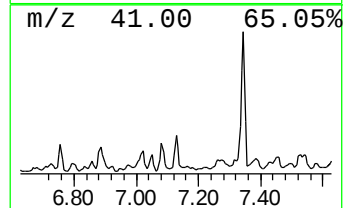
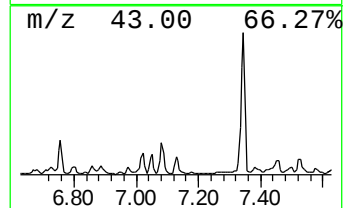
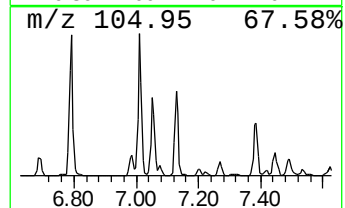
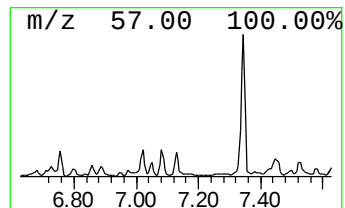
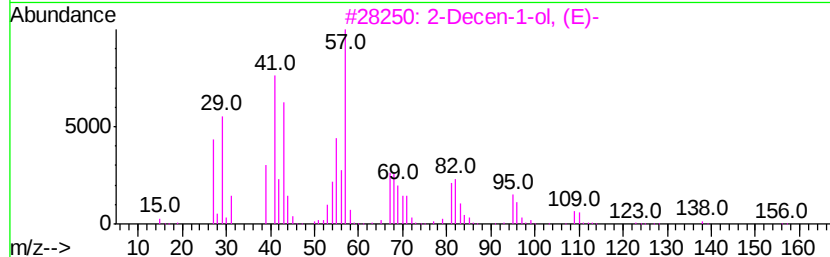
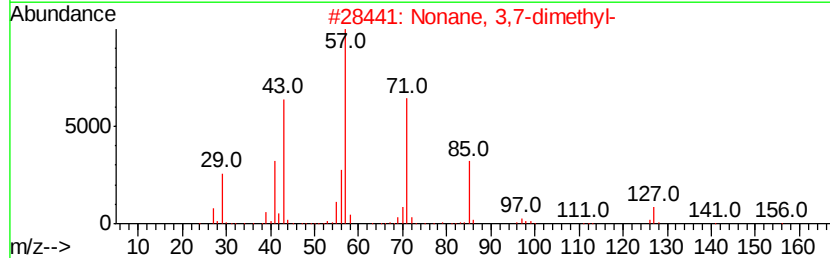
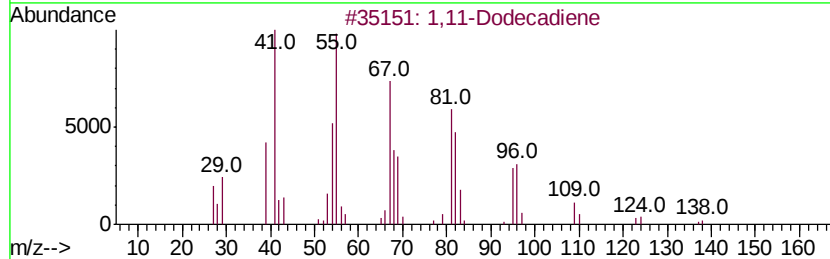
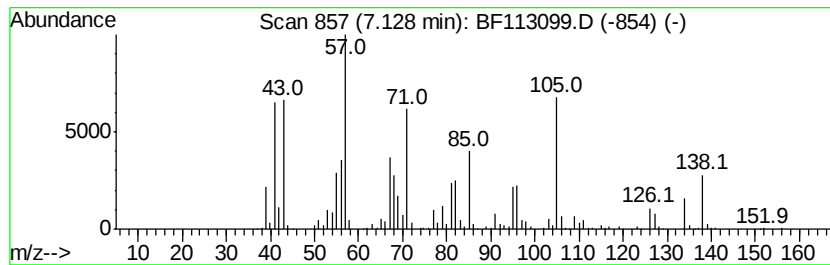
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	31.37 ng	1378000	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,11-Dodecadiene	166	C12H22	005876-87-9	35
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	30
3		2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	30
4		2-Decen-1-ol	156	C10H20O	022104-80-9	27
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
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ClientSampleId :
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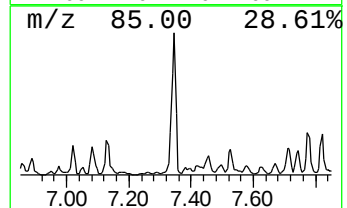
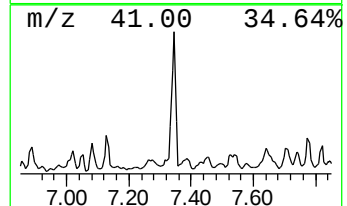
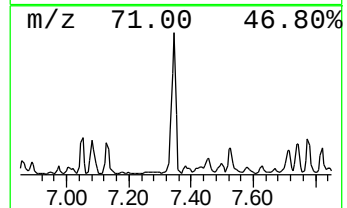
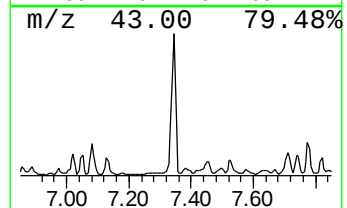
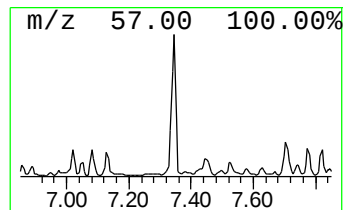
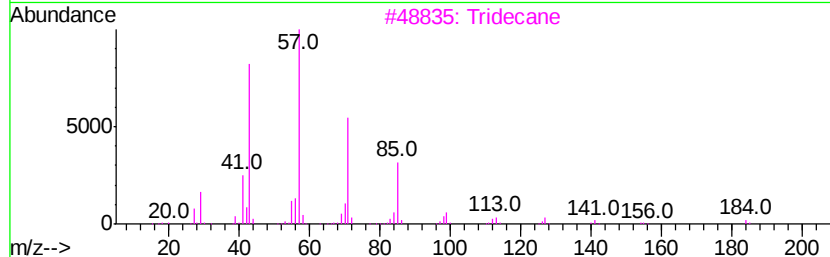
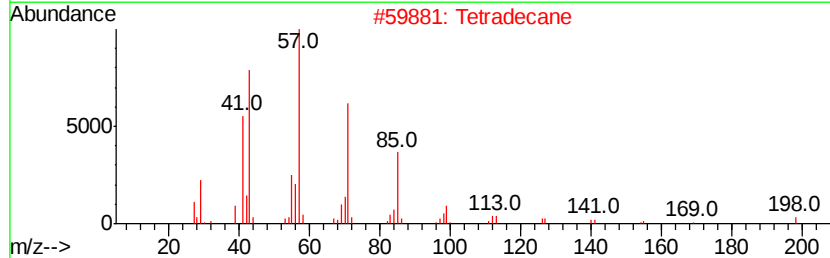
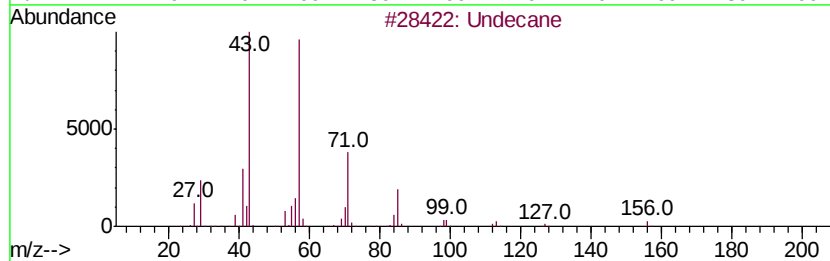
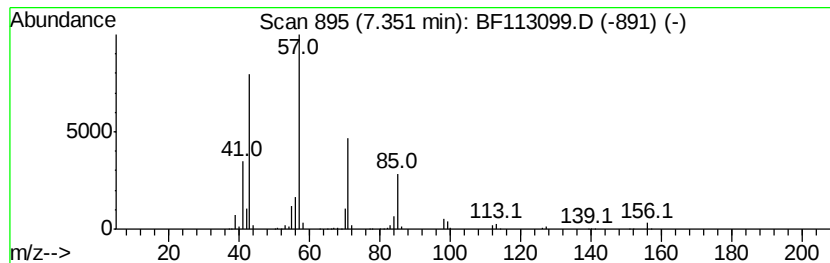
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	90.55 ng	3977060	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	83
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
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Misc :
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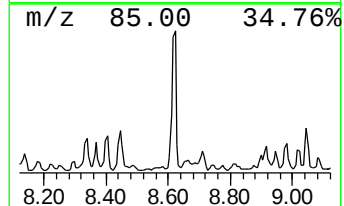
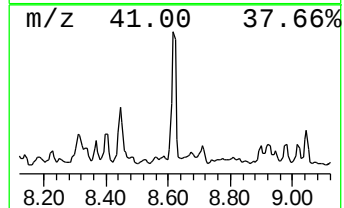
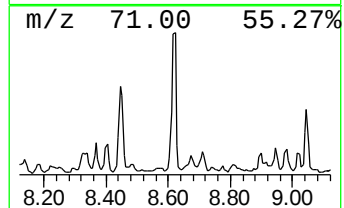
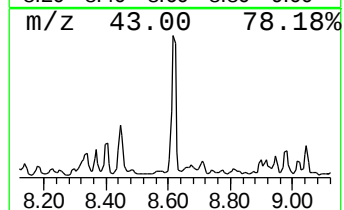
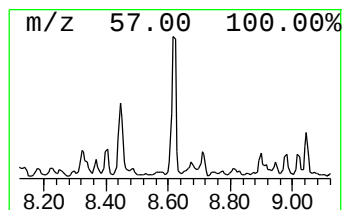
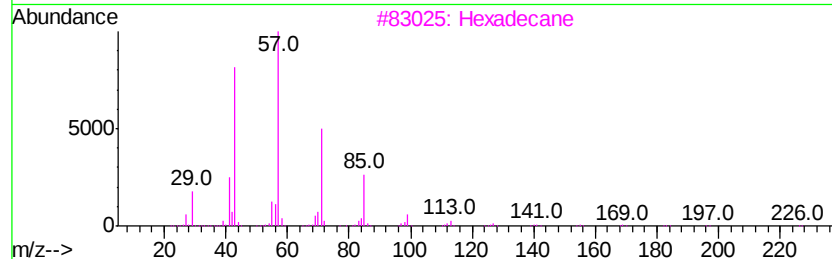
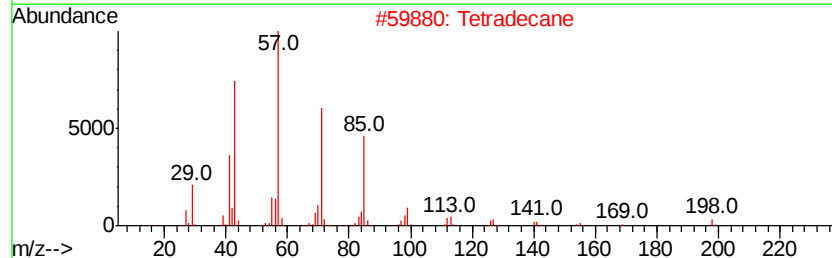
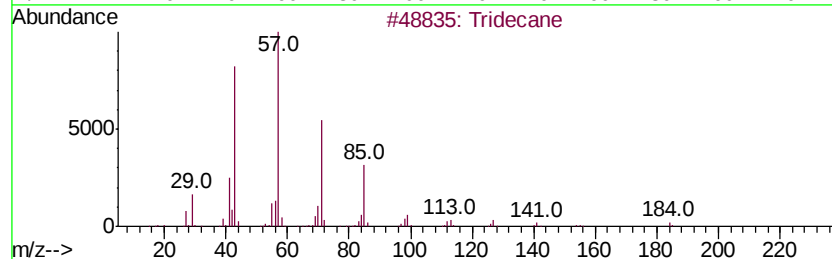
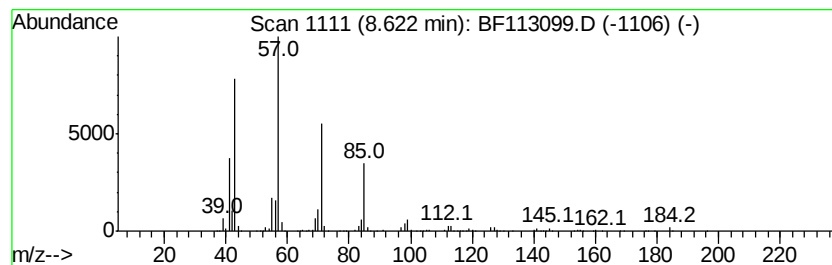
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	15.34 ng	4059330	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Dodecane	170	C12H26	000112-40-3	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
HR-05-031519-B

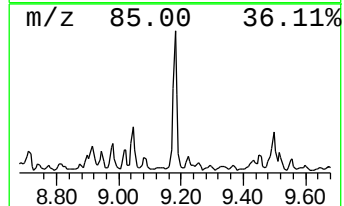
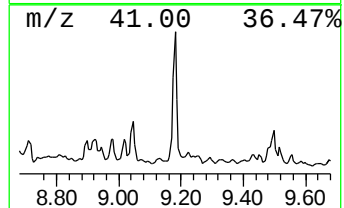
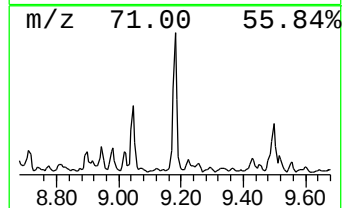
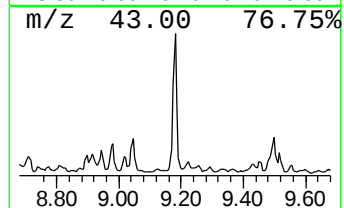
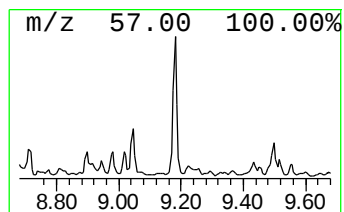
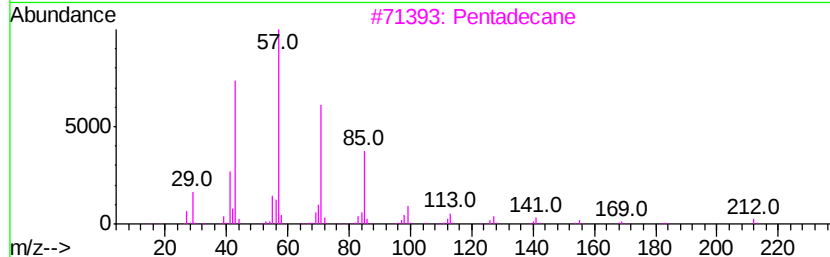
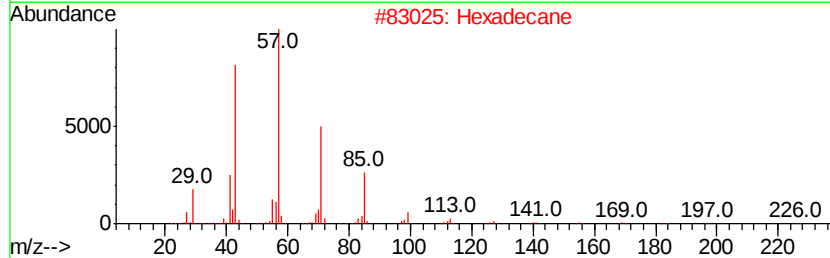
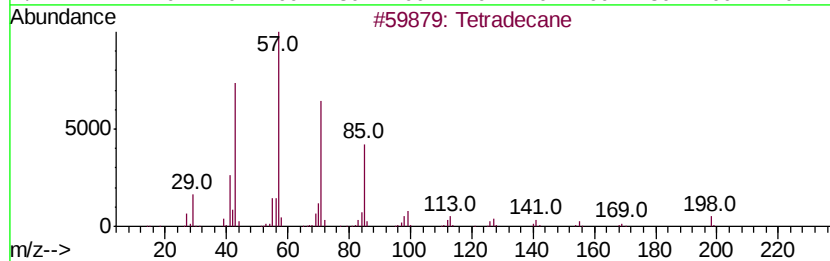
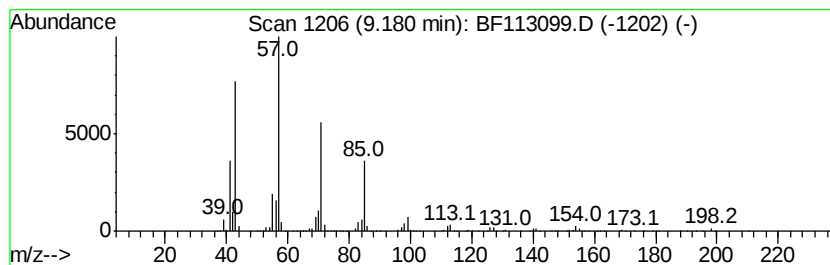
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	41.31 ng	3120820	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tridecane	184	C13H28	000629-50-5	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
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Acq On : 18 Mar 2019 19:16
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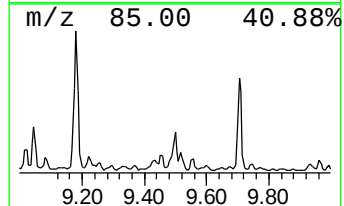
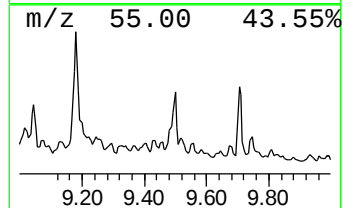
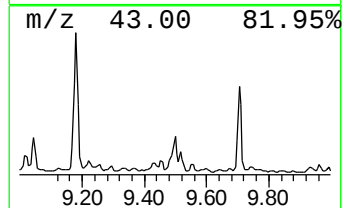
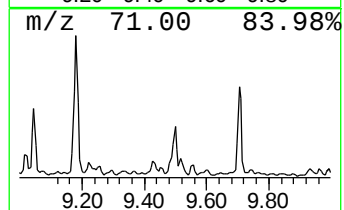
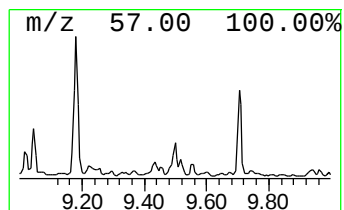
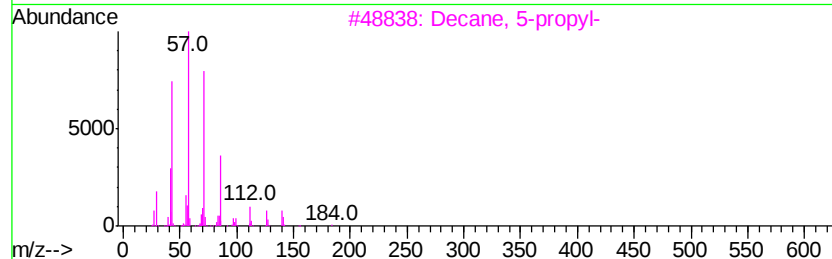
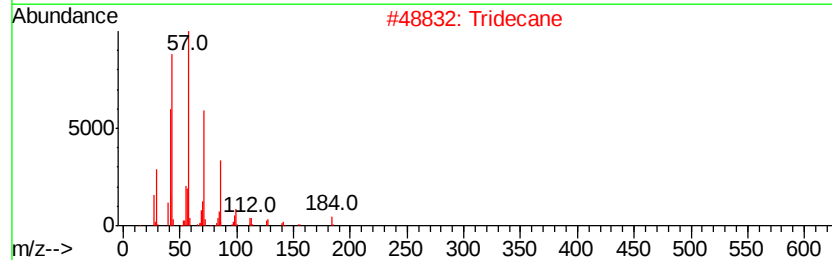
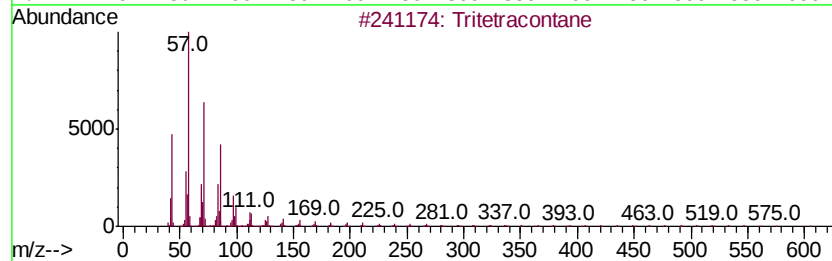
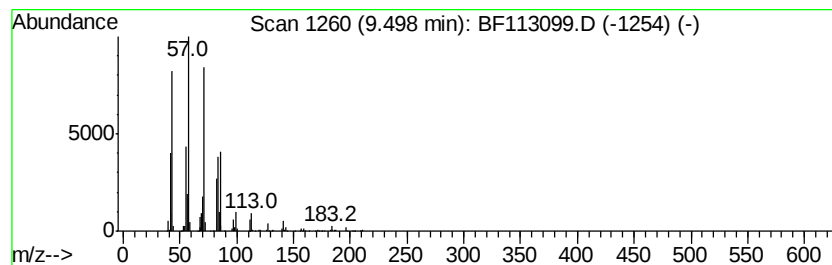
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tritetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	18.62 ng	1406560	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	72
2		Tridecane	184	C13H28	000629-50-5	70
3		Decane, 5-propyl-	184	C13H28	017312-62-8	64
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	60
5		Tetradecane	198	C14H30	000629-59-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-031519-B

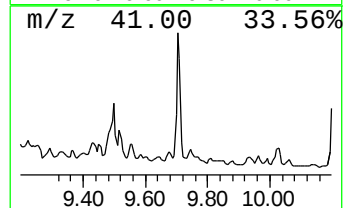
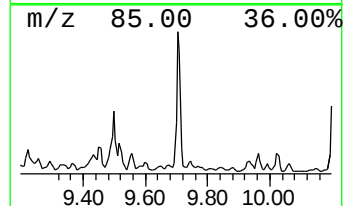
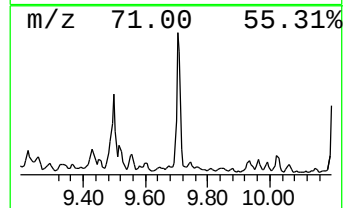
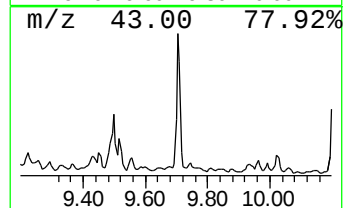
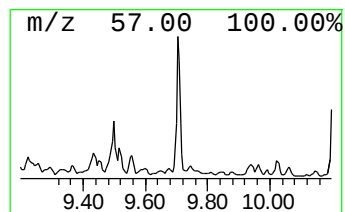
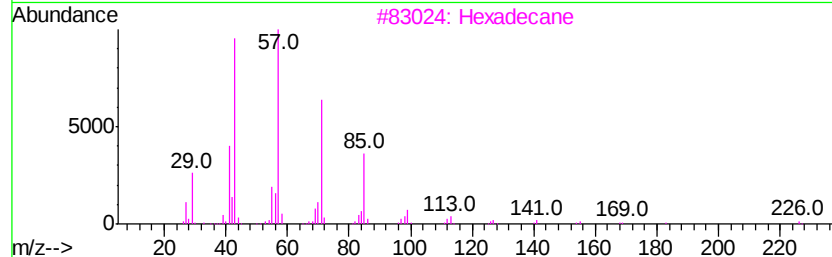
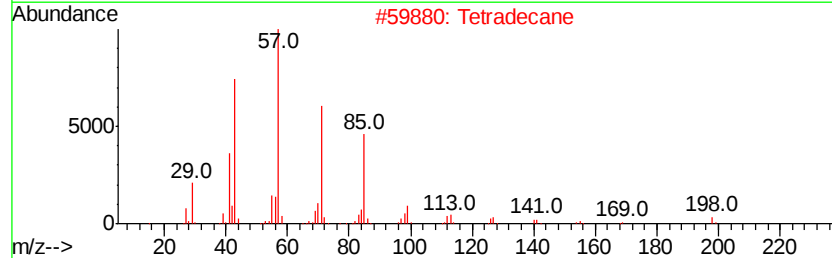
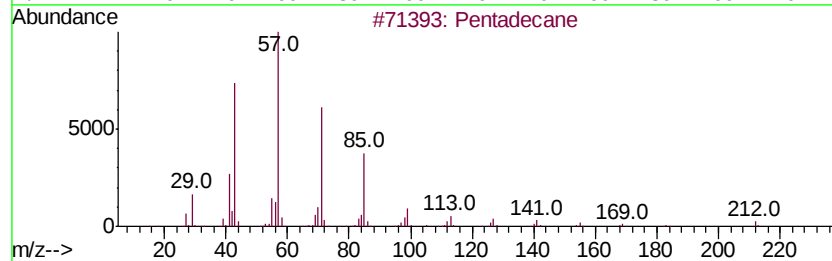
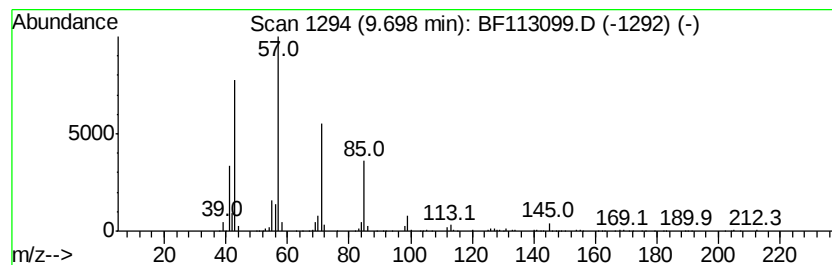
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	23.41 ng	1768490	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-B

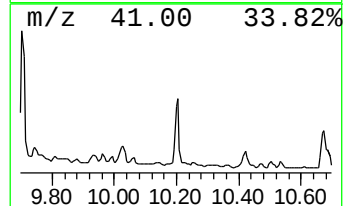
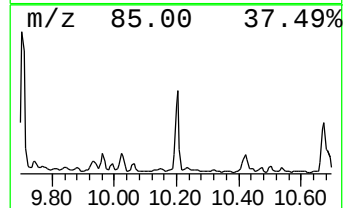
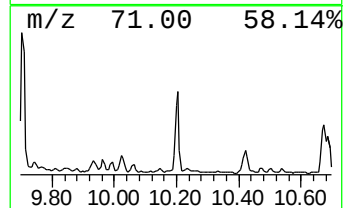
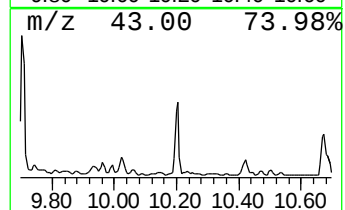
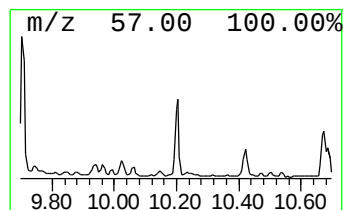
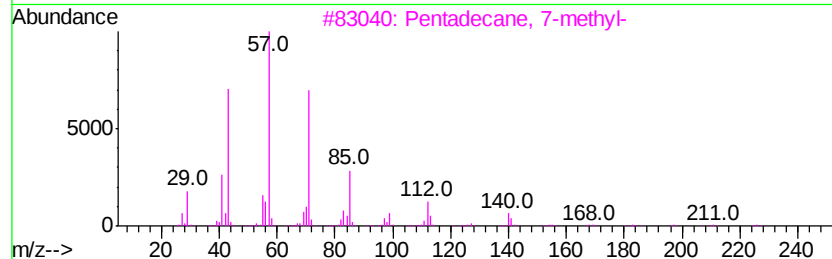
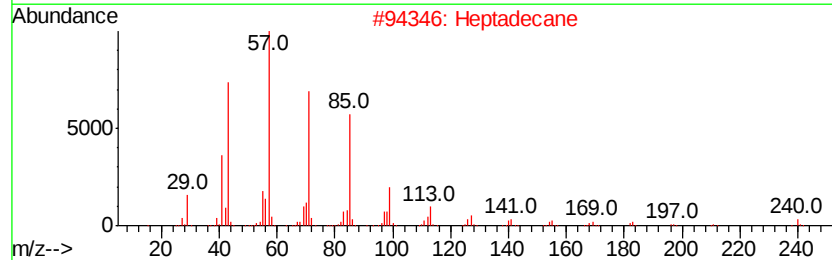
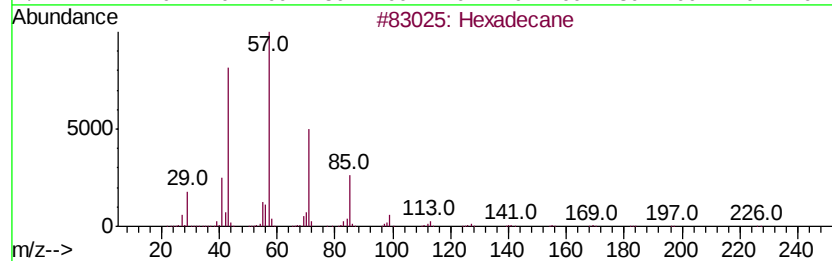
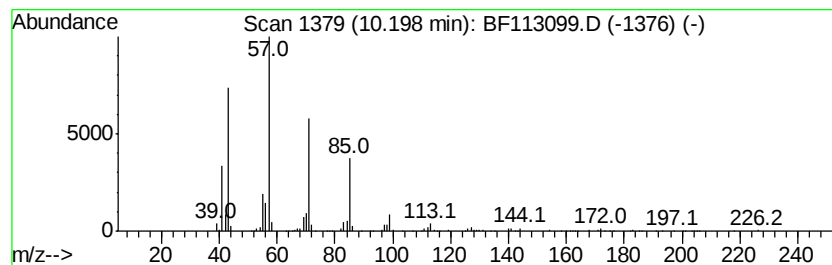
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	12.95 ng	978403	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	97
2		Heptadecane	240	C17H36	000629-78-7	83
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113099.D
Acq On : 18 Mar 2019 19:16
Operator : JU/SJ
Sample : K1687-09 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031519-B

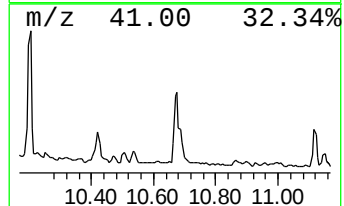
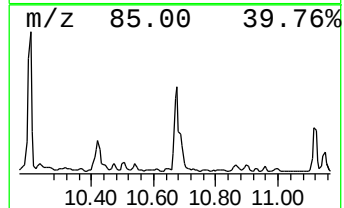
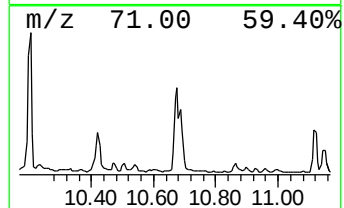
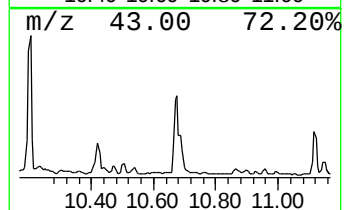
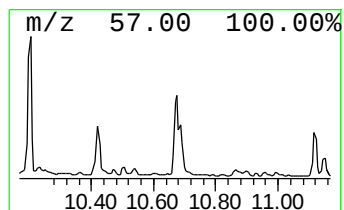
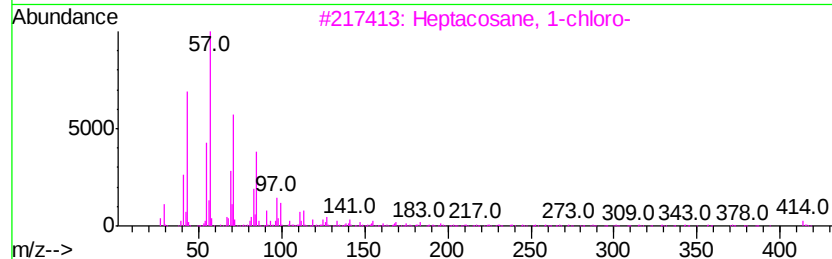
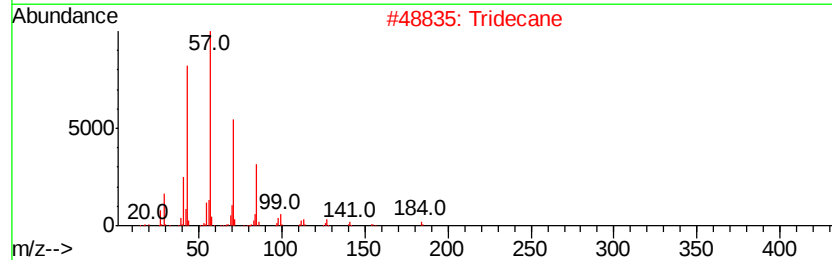
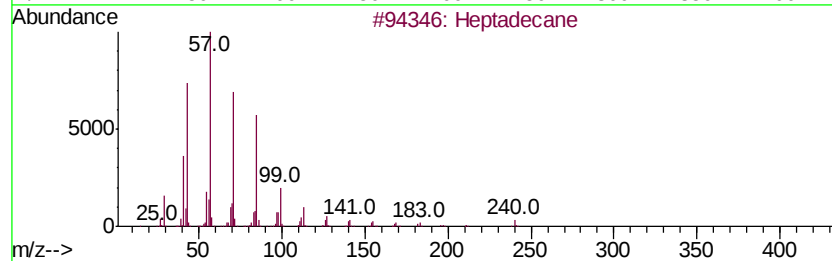
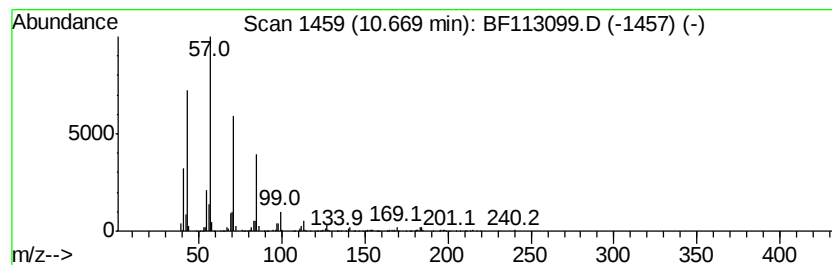
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	17.44 ng	1017170	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tridecane	184	C13H28	000629-50-5	93
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113099.D
 Acq On : 18 Mar 2019 19:16
 Operator : JU/SJ
 Sample : K1687-09 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.64	10.3	ng	453768	1	6.73	878432	20.0
unknown5.98	5.98	13.5	ng	592842	1	6.73	878432	20.0
Decane, 2,5,6-tri...	6.17	10.4	ng	455688	1	6.73	878432	20.0
Decane	6.27	12.5	ng	550168	1	6.73	878432	20.0
Cyclohexane, 1-me...	6.47	12.4	ng	542998	1	6.73	878432	20.0
unknown6.50	6.50	22.6	ng	990971	1	6.73	878432	20.0
Silane, trichloro...	6.58	72.0	ng	3162170	1	6.73	878432	20.0
Benzene, 1,2,3-tr...	6.79	20.1	ng	884086	1	6.73	878432	20.0
Benzene, 1-methyl...	7.02	26.8	ng	1176170	1	6.73	878432	20.0
Benzene, 1,3-diet...	7.05	24.3	ng	1065090	1	6.73	878432	20.0
Decane, 2-methyl-	7.08	20.0	ng	878790	1	6.73	878432	20.0
unknown7.13	7.13	31.4	ng	1378000	1	6.73	878432	20.0
Undecane	7.35	90.5	ng	3977060	1	6.73	878432	20.0
Tridecane	8.62	15.3	ng	4059330	2	8.01	5292810	20.0
Tetradecane	9.18	41.3	ng	3120820	3	9.76	1511000	20.0
Tritetracontane	9.50	18.6	ng	1406560	3	9.76	1511000	20.0
Pentadecane	9.70	23.4	ng	1768490	3	9.76	1511000	20.0
Hexadecane	10.20	12.9	ng	978403	3	9.76	1511000	20.0
Heptadecane	10.67	17.4	ng	1017170	4	11.24	1166720	20.0