

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
 Data File : BF114888.D
 Acq On : 7 Jun 2019 2:54
 Operator : HP/JU
 Sample : K3153-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

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	3.599	250	257	264	rBV	413561	645452	8.28%	0.489%
2	5.269	537	541	551	rVB	1671548	1509379	19.37%	1.143%
3	5.928	650	653	655	rBV	278480	246129	3.16%	0.186%
4	6.122	680	686	689	rBV4	175618	274258	3.52%	0.208%
5	6.216	698	702	709	rVB4	328059	614833	7.89%	0.465%
6	6.275	709	712	714	rBV	572715	471021	6.05%	0.357%
7	6.304	714	717	720	rVV	1555852	1367234	17.55%	1.035%
8	6.434	733	739	745	rBV2	2026852	2325675	29.85%	1.761%
9	6.528	752	755	759	rVB	1477030	1347700	17.30%	1.020%
10	6.669	774	779	783	rBV	2540367	2305920	29.60%	1.746%
11	6.704	783	785	788	rVB2	999310	772247	9.91%	0.585%
12	6.734	788	790	795	rBV3	578375	743800	9.55%	0.563%
13	6.828	803	806	812	rVB2	1986916	1914529	24.57%	1.449%
14	6.928	819	823	825	rBV4	447601	509787	6.54%	0.386%
15	6.957	825	828	832	rVB2	815430	1128457	14.48%	0.854%
16	6.998	832	835	838	rVB	1775240	1379899	17.71%	1.045%
17	7.034	838	841	845	rBV2	970445	995581	12.78%	0.754%
18	7.075	845	848	851	rBV2	2023691	1857007	23.83%	1.406%
19	7.145	858	860	862	rBV2	309221	258845	3.32%	0.196%
20	7.169	862	864	866	rVB2	396999	290164	3.72%	0.220%
21	7.228	866	874	876	rBV2	1686765	2892321	37.12%	2.190%
22	7.263	879	880	882	rVV	393045	303503	3.90%	0.230%
23	7.292	882	885	887	rVB	3940565	3222898	41.37%	2.440%
24	7.334	887	892	895	rBV3	1019327	1489478	19.12%	1.128%
25	7.363	895	897	899	rBV2	455833	474239	6.09%	0.359%
26	7.404	901	904	907	rVB4	967277	991262	12.72%	0.750%
27	7.451	907	912	914	rVB5	801454	868213	11.14%	0.657%
28	7.481	914	917	922	rVB3	1939805	2651511	34.03%	2.007%
29	7.528	922	925	927	rBV	457520	348007	4.47%	0.263%
30	7.592	930	936	939	rBV5	1318516	2655547	34.08%	2.011%
31	7.622	939	941	944	rVV2	814552	843385	10.82%	0.639%
32	7.651	944	946	950	rVV2	1026601	1412086	18.12%	1.069%
33	7.692	950	953	956	rVV4	2313101	2898682	37.20%	2.195%
34	7.728	956	959	962	rVV4	2149685	2207132	28.33%	1.671%

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35	7.769	964	966	968	rVV	1431293	1365743	17.53%	1.034%
36	7.798	968	971	974	rVB2	2029205	2074289	26.62%	1.570%
37	7.834	974	977	979	rBV	818932	750034	9.63%	0.568%
38	7.869	979	983	986	rBV4	594731	828146	10.63%	0.627%
39	7.922	990	992	994	rVV2	1191272	1144866	14.69%	0.867%
40	7.957	994	998	1001	rVV2	6788787	7791323	100.00%	5.899%
41	7.987	1001	1003	1004	rVV	773816	786581	10.10%	0.596%
42	8.010	1005	1007	1010	rVV2	1270784	1726744	22.16%	1.307%
43	8.039	1010	1012	1014	rVV	2619509	2115991	27.16%	1.602%
44	8.057	1014	1015	1019	rVV3	887127	1038811	13.33%	0.786%
45	8.092	1019	1021	1023	rVB2	655871	492261	6.32%	0.373%
46	8.134	1025	1028	1030	rVV2	945086	1076670	13.82%	0.815%
47	8.157	1030	1032	1033	rVV	1160597	899708	11.55%	0.681%
48	8.175	1033	1035	1037	rVV2	977858	872417	11.20%	0.661%
49	8.204	1037	1040	1044	rVV4	820400	1159028	14.88%	0.877%
50	8.257	1044	1049	1052	rVV5	1909514	3144843	40.36%	2.381%
51	8.287	1052	1054	1057	rVV2	1218693	1196322	15.35%	0.906%
52	8.316	1057	1059	1062	rVV2	2136293	1950058	25.03%	1.476%
53	8.351	1062	1065	1068	rVV3	1932029	2498130	32.06%	1.891%
54	8.398	1070	1073	1077	rVV3	3179216	3885652	49.87%	2.942%
55	8.463	1081	1084	1088	rVV2	2562951	2269370	29.13%	1.718%
56	8.510	1089	1092	1093	rVV2	681871	686728	8.81%	0.520%
57	8.569	1096	1102	1106	rVV3	4261043	5802072	74.47%	4.393%
58	8.616	1107	1110	1113	rVV2	1695896	2343365	30.08%	1.774%
59	8.657	1114	1117	1121	rVB5	1479478	2003476	25.71%	1.517%
60	8.763	1132	1135	1136	rBV2	412819	406289	5.21%	0.308%
61	8.781	1136	1138	1140	rVB2	1410897	1020428	13.10%	0.773%
62	8.845	1146	1149	1151	rBV3	1042288	832624	10.69%	0.630%
63	8.869	1151	1153	1156	rVV4	721193	860590	11.05%	0.652%
64	8.892	1156	1157	1161	rVV4	672279	832124	10.68%	0.630%
65	8.928	1161	1163	1166	rVB3	1036413	868637	11.15%	0.658%
66	8.969	1167	1170	1172	rBV3	969999	960873	12.33%	0.727%
67	8.992	1172	1174	1177	rVB2	2237076	1867822	23.97%	1.414%
68	9.028	1177	1180	1185	rVB2	2210974	1976334	25.37%	1.496%
69	9.069	1185	1187	1190	rVB3	469515	379241	4.87%	0.287%
70	9.128	1193	1197	1200	rBV	3629180	3377189	43.35%	2.557%
71	9.181	1202	1206	1209	rVV2	940843	1152647	14.79%	0.873%

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72	9.204	1209	1210	1212	rVB2	934421	538718	6.91%	0.408%
73	9.239	1212	1216	1220	rVB5	456760	648381	8.32%	0.491%
74	9.281	1220	1223	1227	rBV5	649464	921677	11.83%	0.698%
75	9.351	1231	1235	1236	rBV3	568519	651157	8.36%	0.493%
76	9.445	1247	1251	1253	rBV2	961774	1158495	14.87%	0.877%
77	9.463	1253	1254	1258	rVB4	972642	768379	9.86%	0.582%
78	9.498	1258	1260	1263	rVB2	498346	527340	6.77%	0.399%
79	9.622	1279	1281	1283	rBV3	322163	236486	3.04%	0.179%
80	9.651	1283	1286	1289	rBV	2074879	1633165	20.96%	1.236%
81	9.704	1290	1295	1298	rVB	2846220	3046793	39.10%	2.307%
82	9.881	1322	1325	1328	rBV4	369275	584542	7.50%	0.443%
83	9.910	1328	1330	1333	rVV4	375799	336147	4.31%	0.254%
84	9.975	1338	1341	1345	rVB4	592626	638807	8.20%	0.484%
85	10.145	1367	1370	1373	rVB	856220	797527	10.24%	0.604%
86	10.198	1377	1379	1384	rVB3	190152	219191	2.81%	0.166%
87	10.369	1404	1408	1411	rBV2	320504	359812	4.62%	0.272%
88	10.480	1424	1427	1432	rVB	978605	896761	11.51%	0.679%
89	10.616	1448	1450	1457	rVB	558614	611850	7.85%	0.463%
90	11.063	1523	1526	1529	rVB	339453	254172	3.26%	0.192%
91	11.175	1541	1545	1548	rBV	2725429	2321879	29.80%	1.758%
92	11.486	1595	1598	1604	rBV2	248302	230109	2.95%	0.174%
93	11.892	1665	1667	1672	rVB2	228016	203476	2.61%	0.154%
94	12.751	1810	1813	1821	rVB	1679693	1396439	17.92%	1.057%
95	13.345	1911	1914	1917	rBV	233178	221796	2.85%	0.168%
96	13.674	1966	1970	1975	rVB2	294506	414970	5.33%	0.314%
97	13.792	1987	1990	1994	rBV	1956597	1992537	25.57%	1.509%
98	14.292	2073	2075	2079	rVB	275578	220652	2.83%	0.167%
99	14.586	2123	2125	2130	rVB3	297116	280773	3.60%	0.213%
100	15.180	2222	2226	2230	rVB	1175255	1318014	16.92%	0.998%

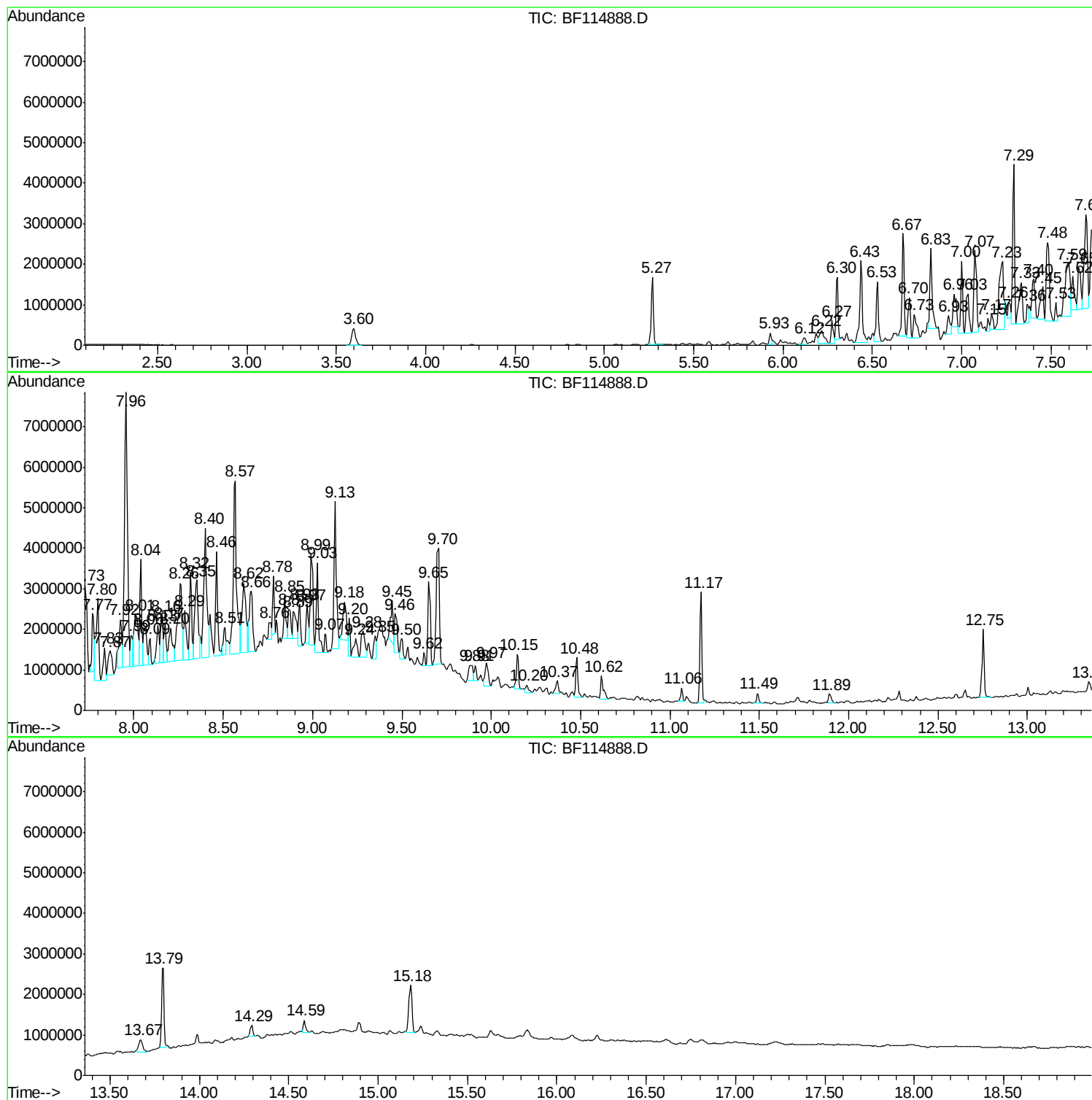
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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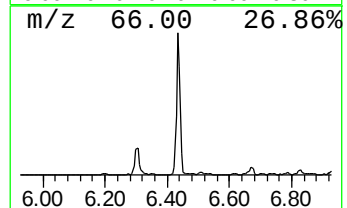
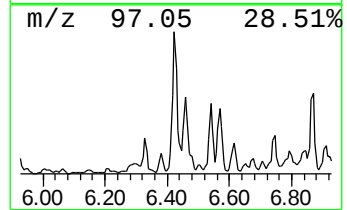
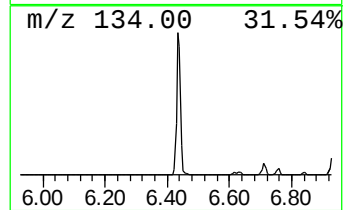
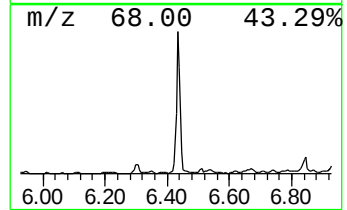
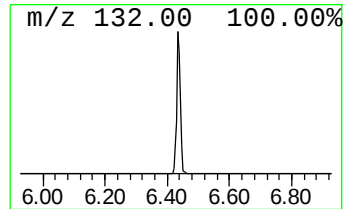
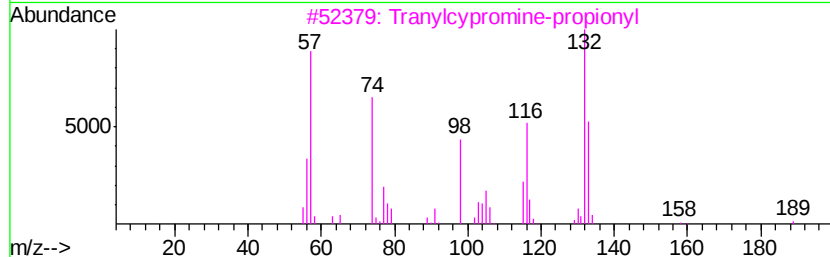
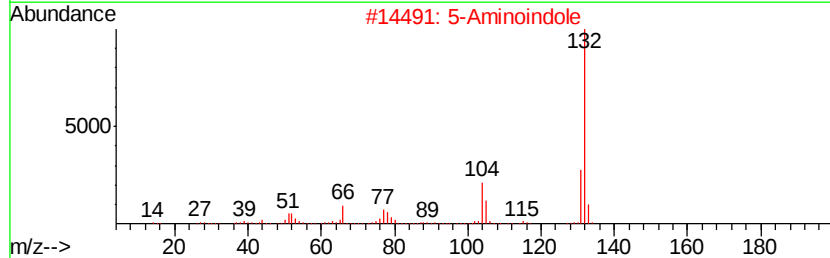
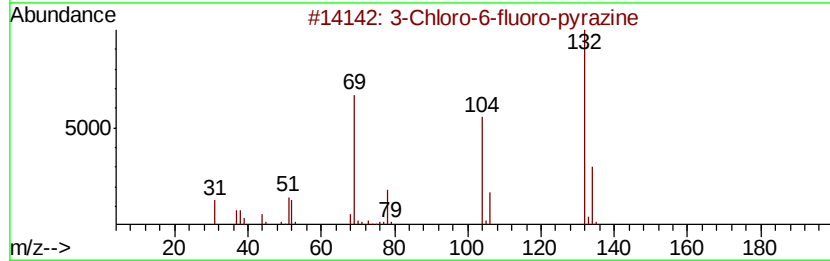
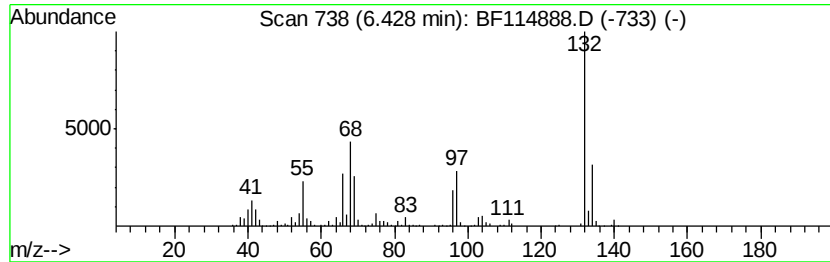
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.43 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	20.17 ng	2325680	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35	
2	5-Aminoindole	132	C8H8N2	005192-03-0	16	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12	
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9	
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	



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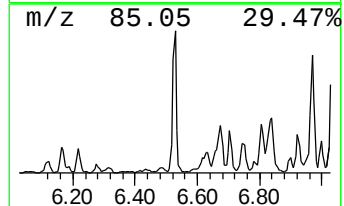
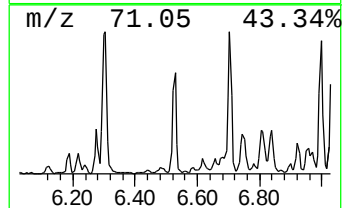
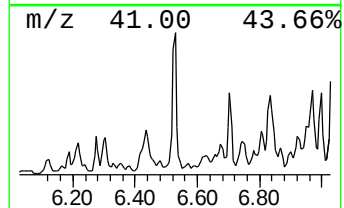
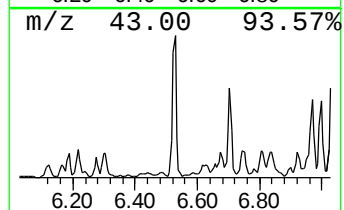
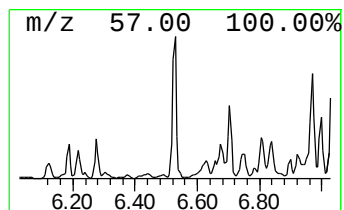
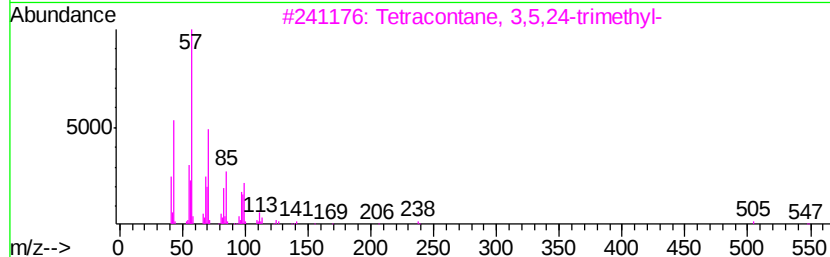
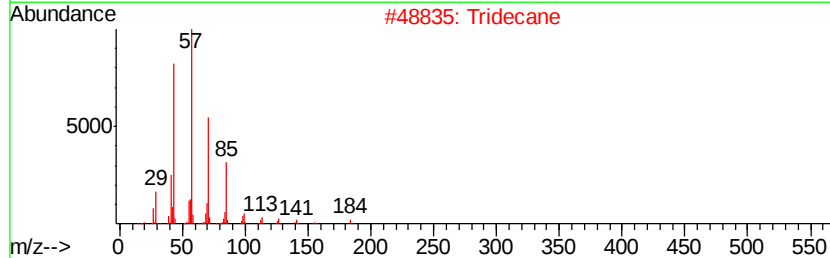
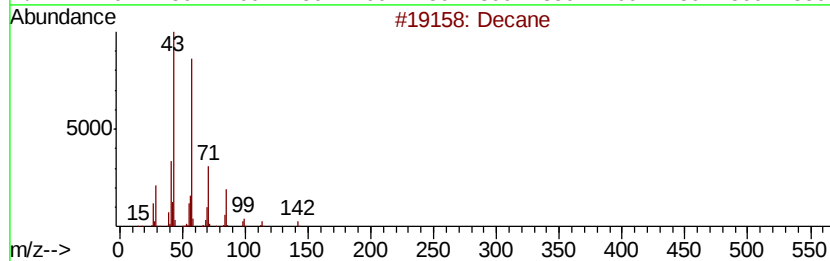
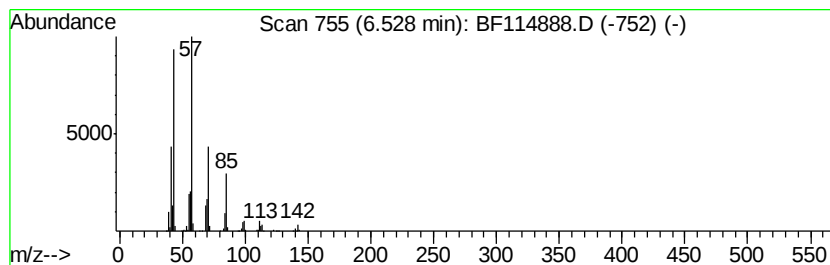
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	11.69 ng	1347700	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Tridecane	184	C13H28	000629-50-5	72
3		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64



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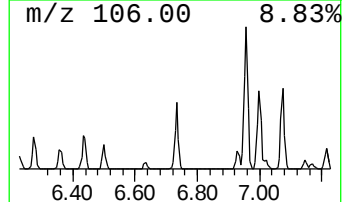
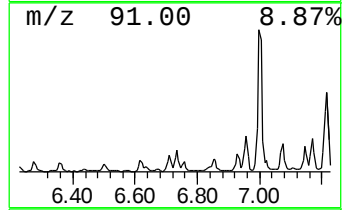
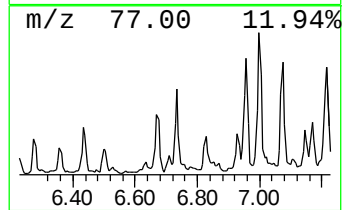
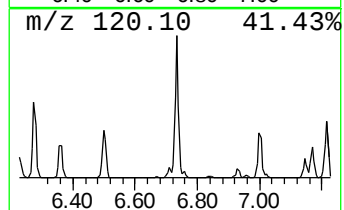
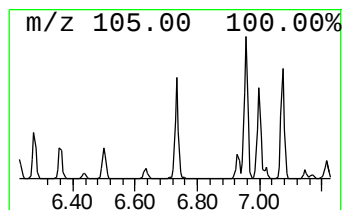
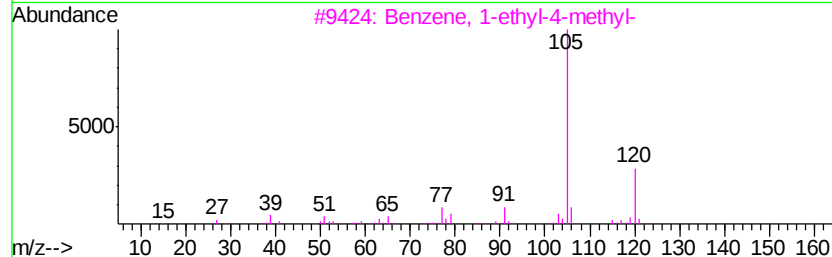
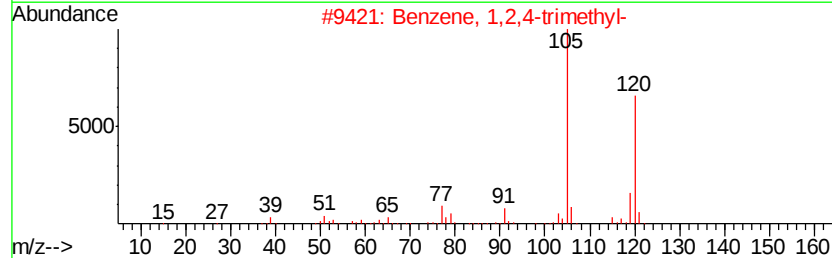
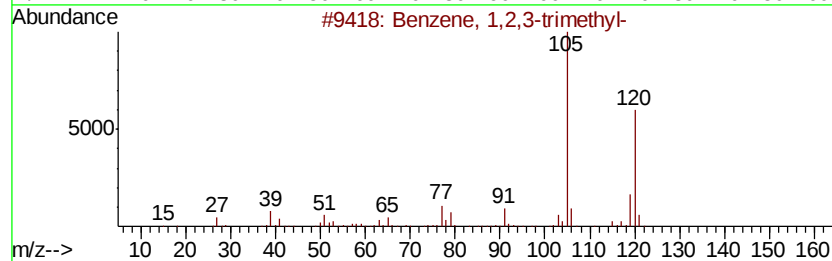
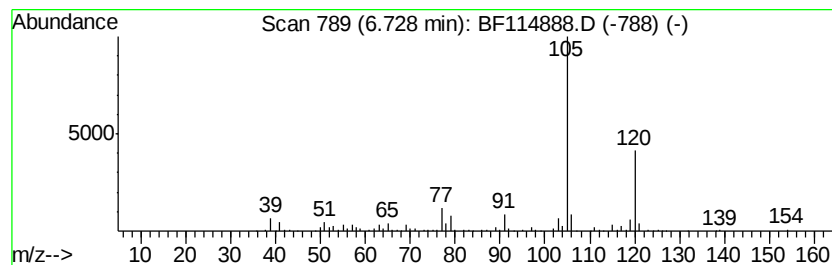
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	6.45 ng	743800	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Mesitylene	120	C9H12	000108-67-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
Operator : HP/JU
Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

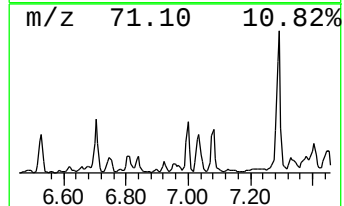
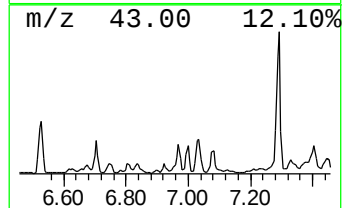
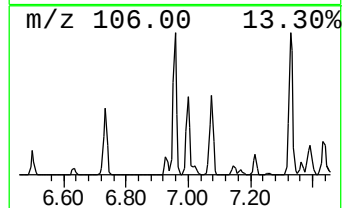
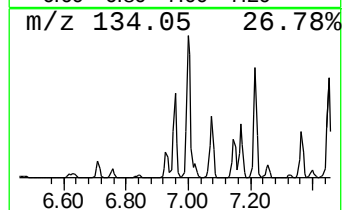
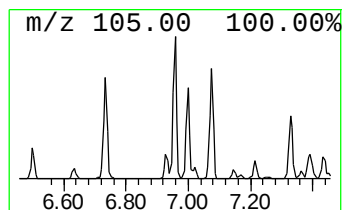
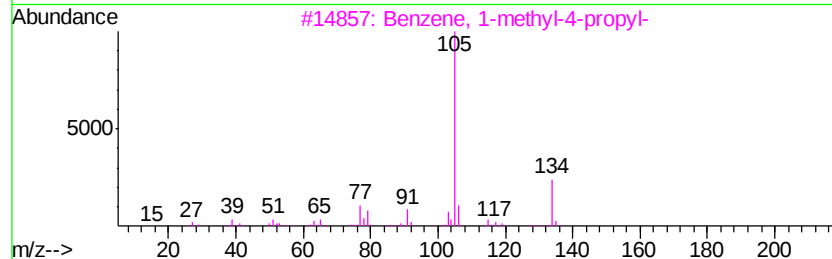
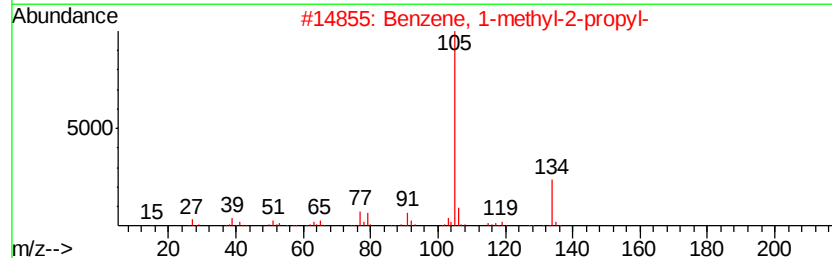
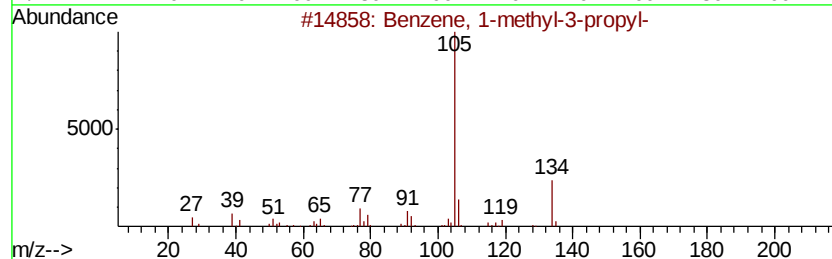
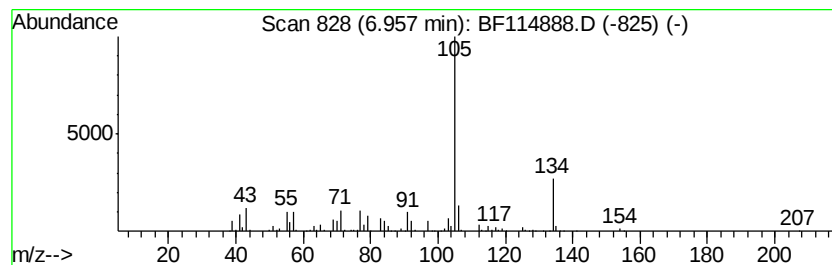
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	9.79 ng	1128460	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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Operator : HP/JU
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ClientSampleId :
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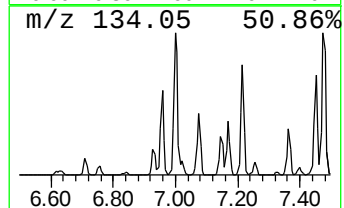
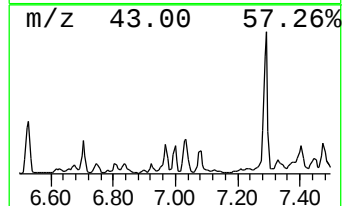
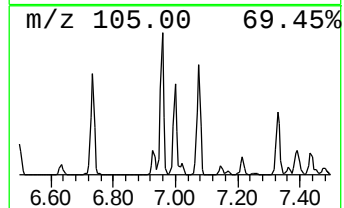
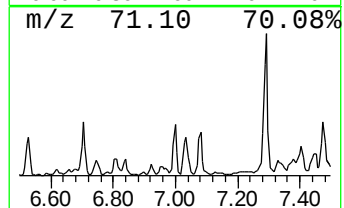
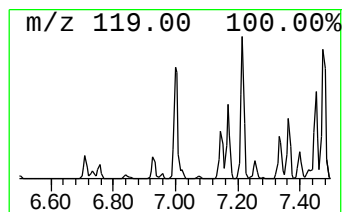
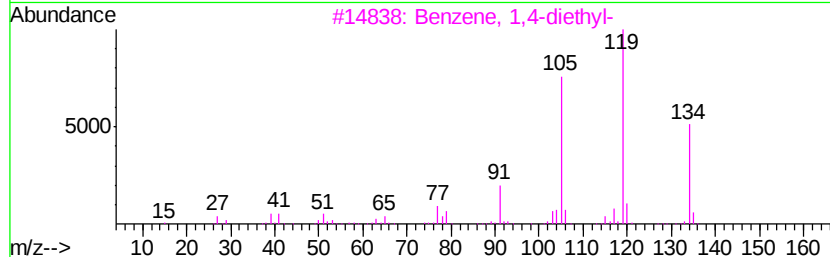
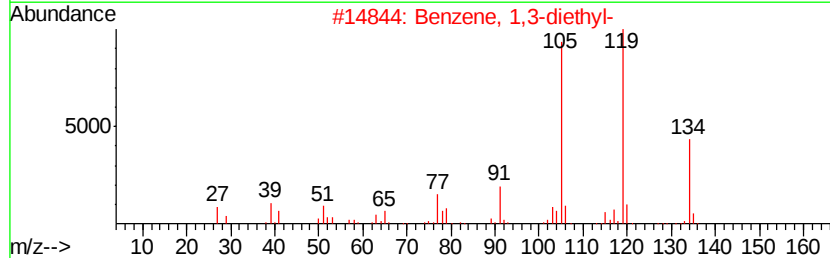
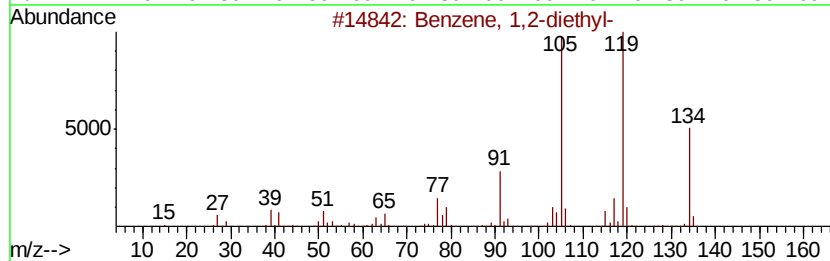
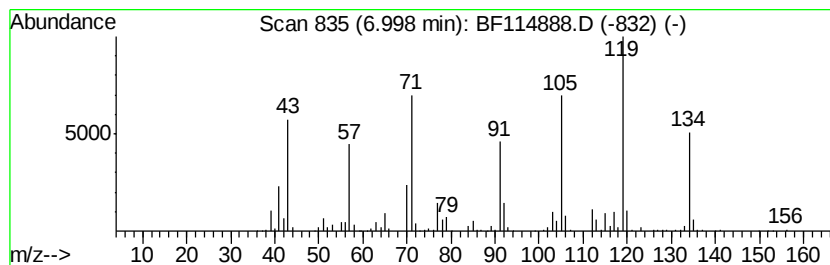
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	11.97 ng	1379900	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
Operator : HP/JU
Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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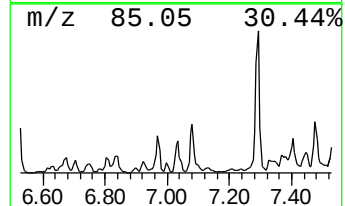
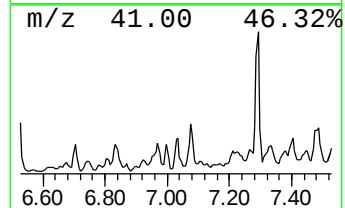
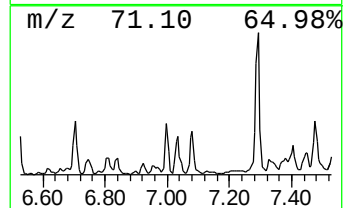
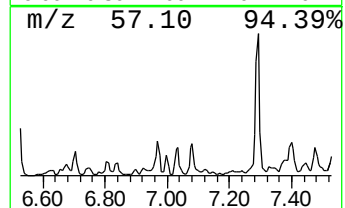
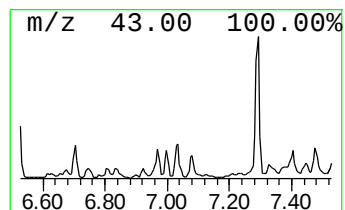
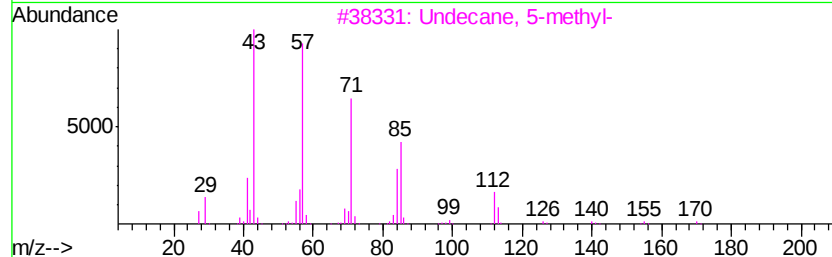
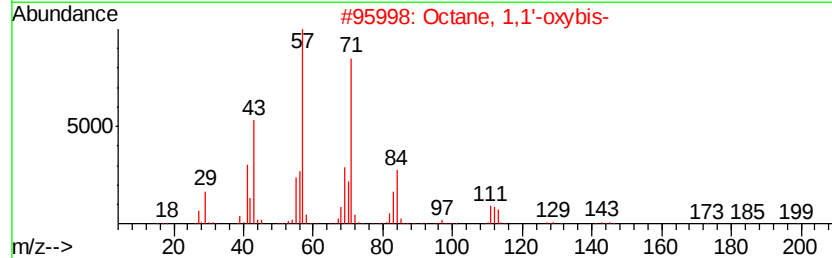
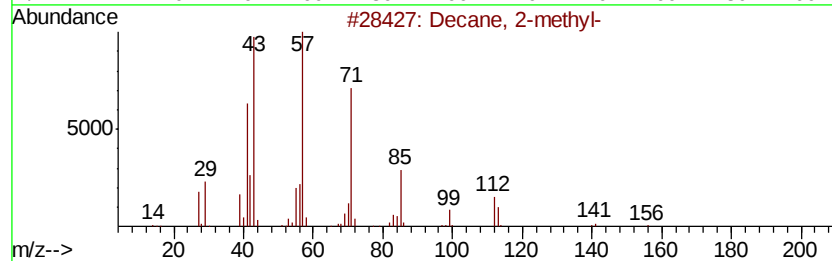
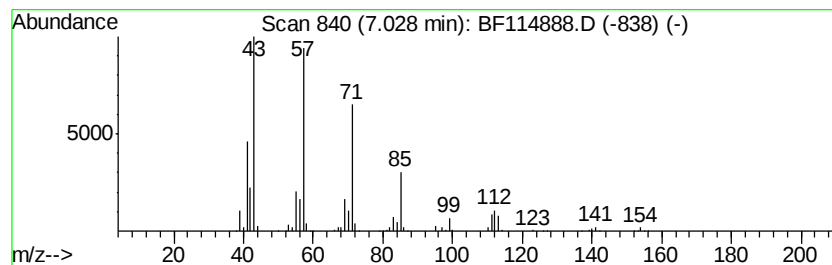
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	8.64 ng	995581	1,4-Dichlorobenzene-d4	6.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-		156	C11H24	006975-98-0	94
2	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	64
3	Undecane, 5-methyl-		170	C12H26	001632-70-8	53
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	53
5	Pentadecane		212	C15H32	000629-62-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
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Sample : K3153-01 5X
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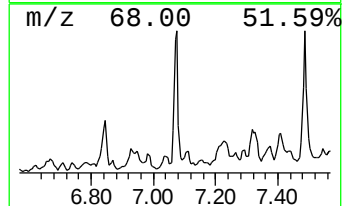
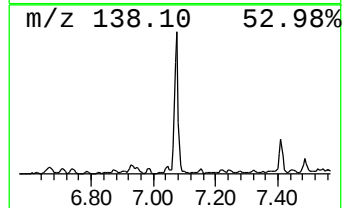
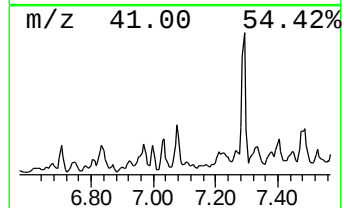
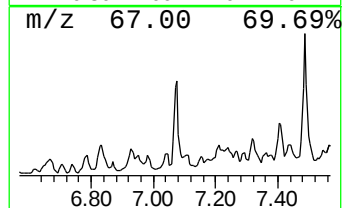
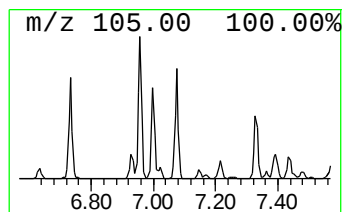
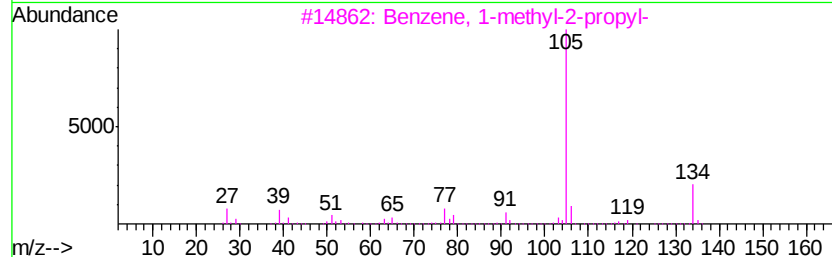
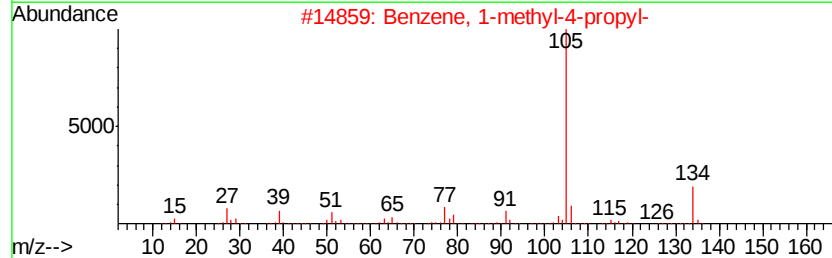
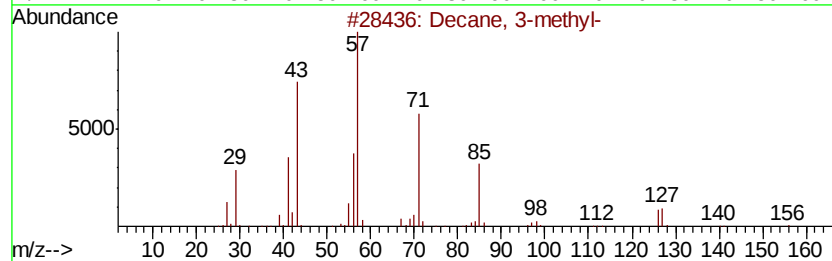
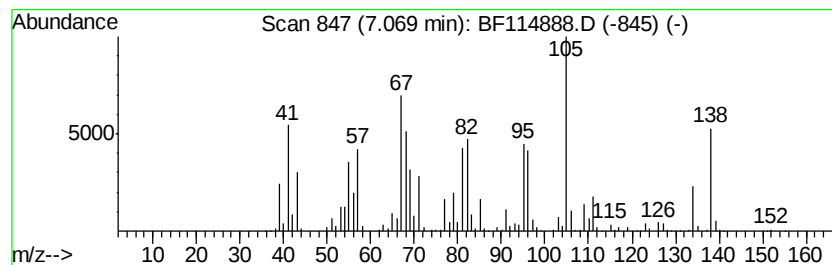
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	16.11 ng	1857010	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	38
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
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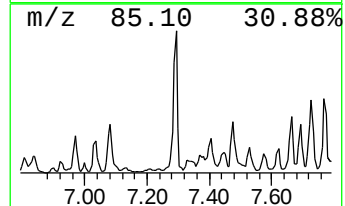
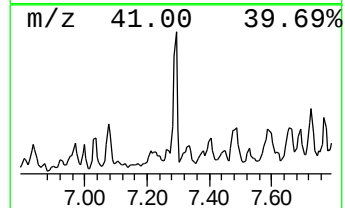
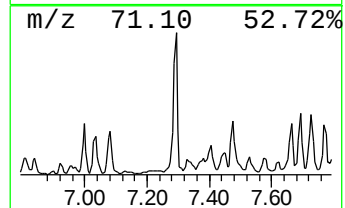
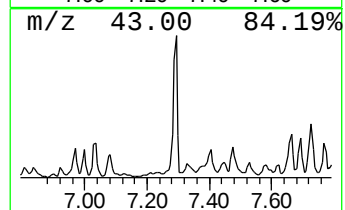
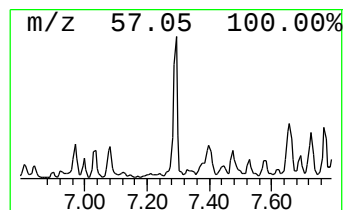
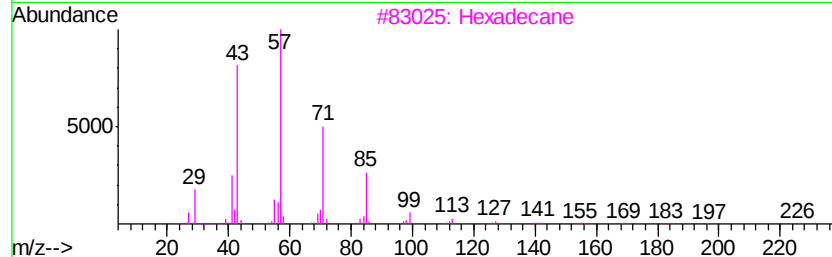
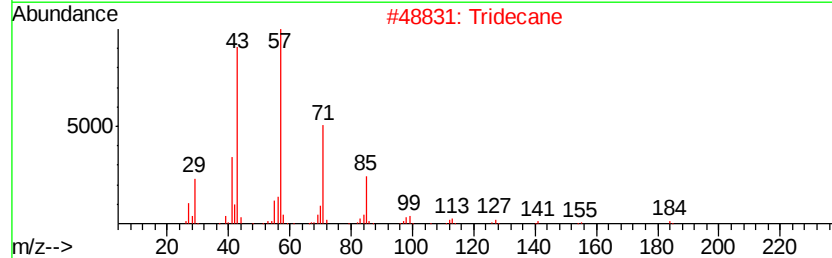
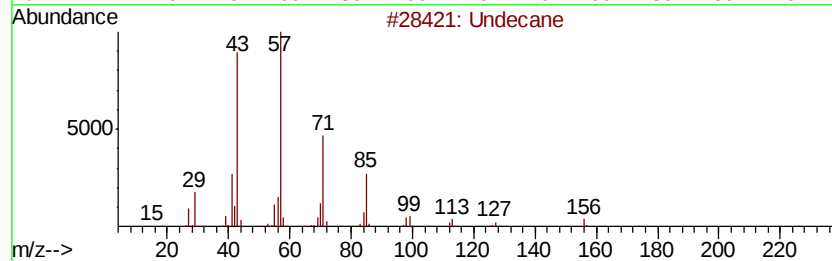
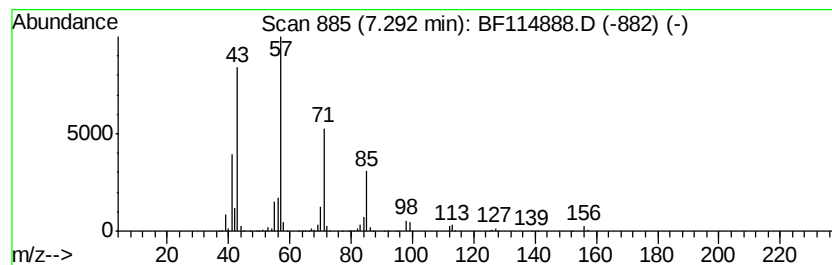
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	27.95 ng	3222900	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	83
5		Nonane	128	C9H20	000111-84-2	64



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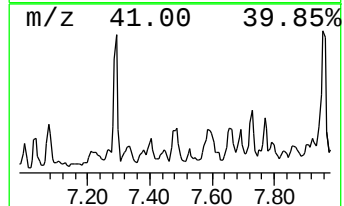
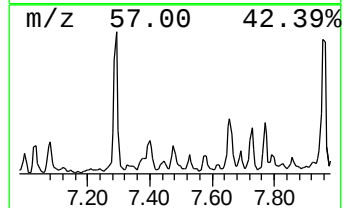
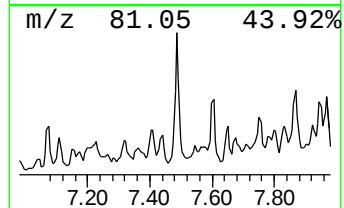
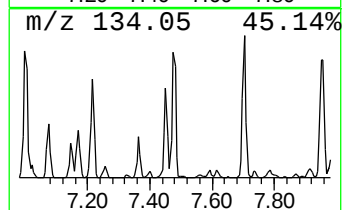
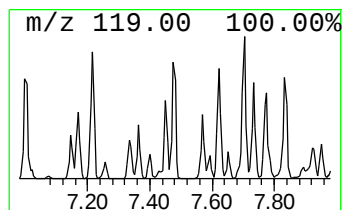
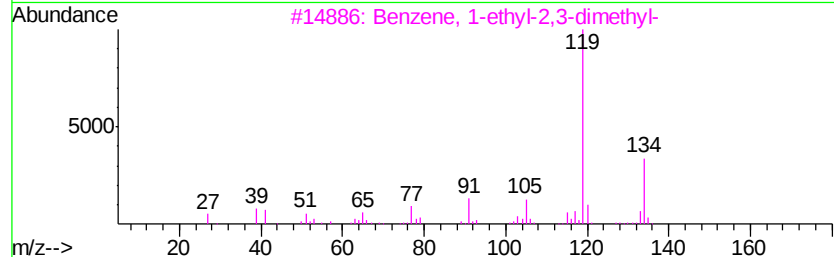
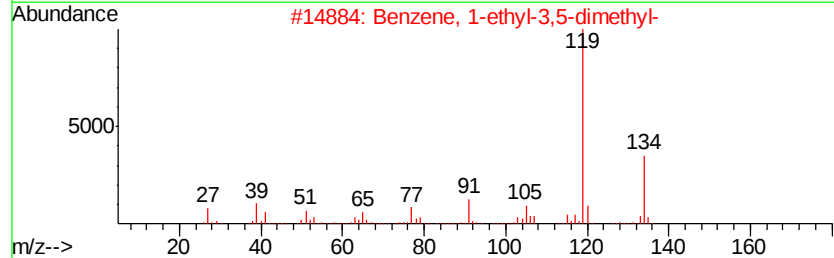
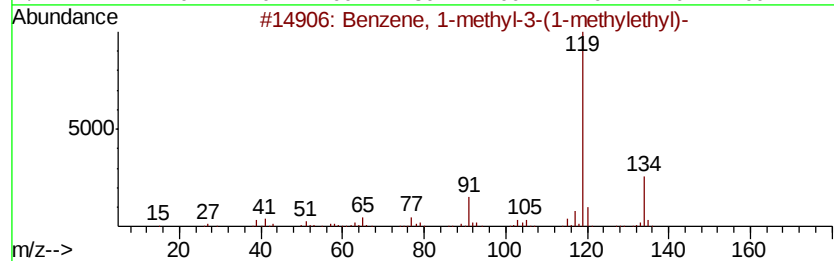
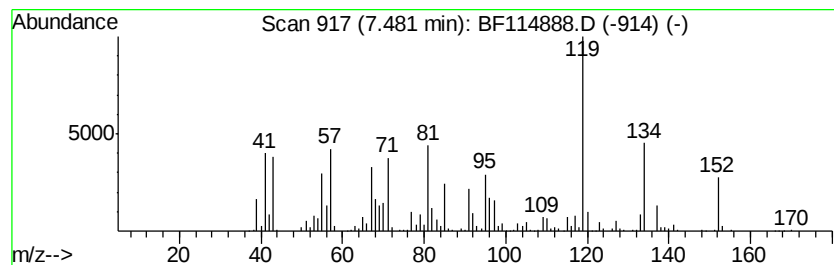
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	6.81 ng	2651510	Napthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5		p-Cymene	134	C10H14	000099-87-6	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
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Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
HR-05-060519-A

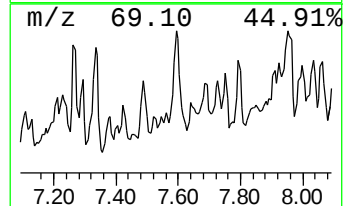
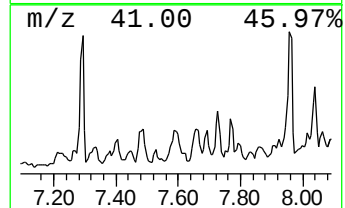
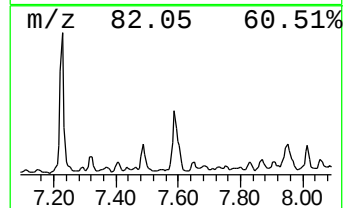
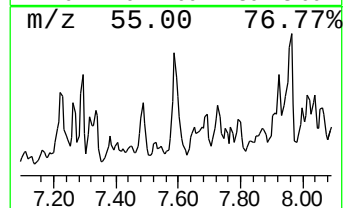
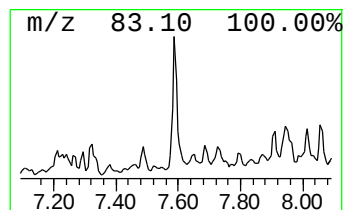
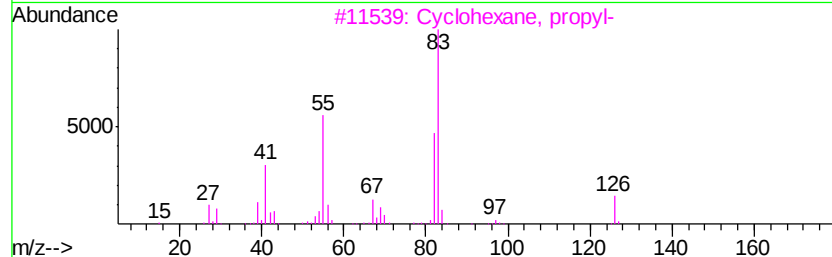
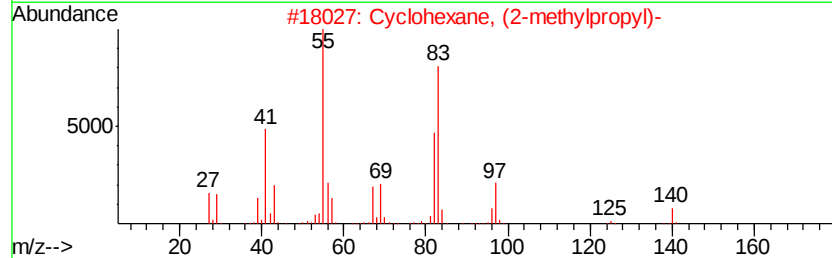
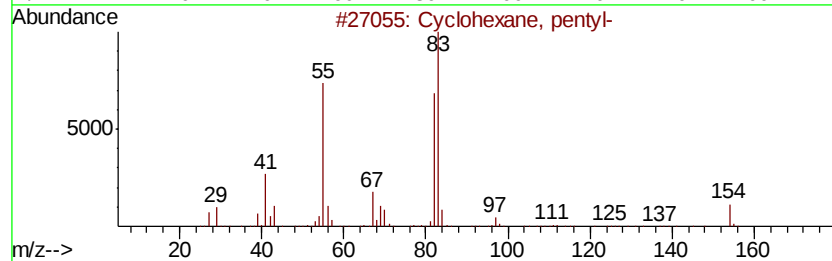
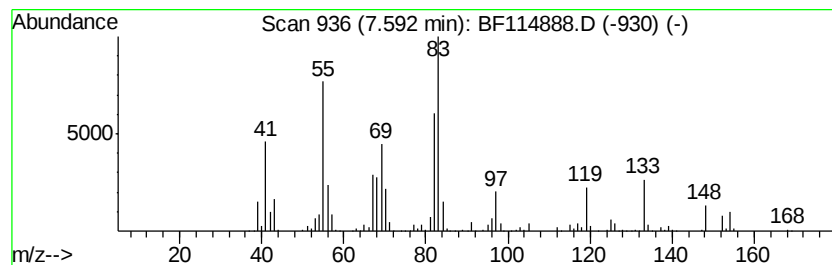
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	6.82 ng	2655550	Napthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	43
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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Acq On : 7 Jun 2019 2:54
Operator : HP/JU
Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

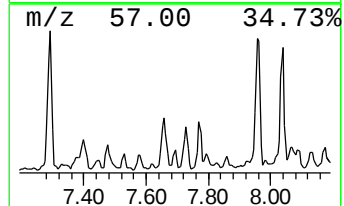
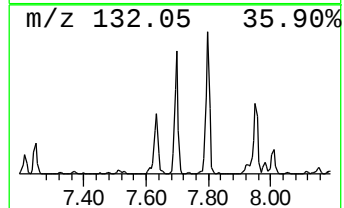
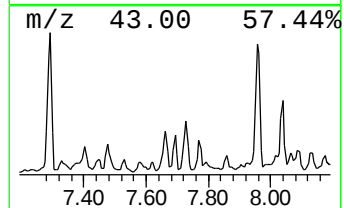
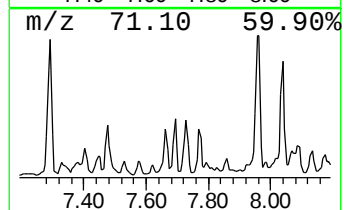
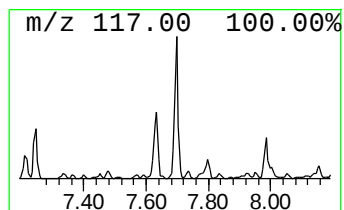
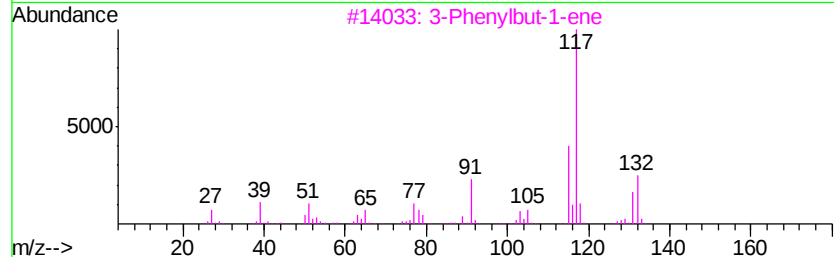
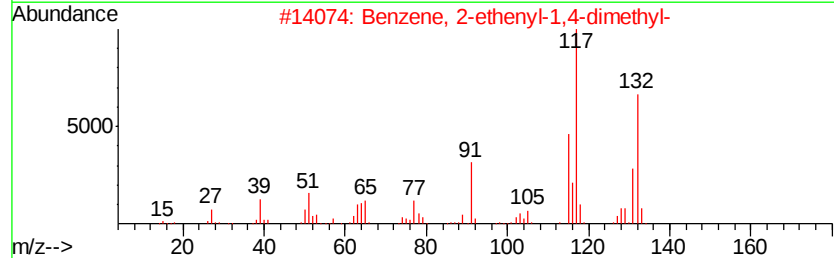
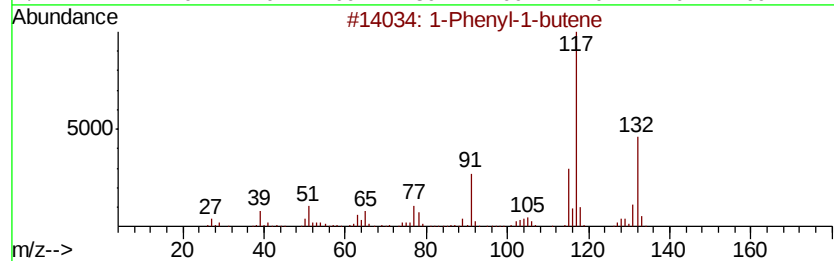
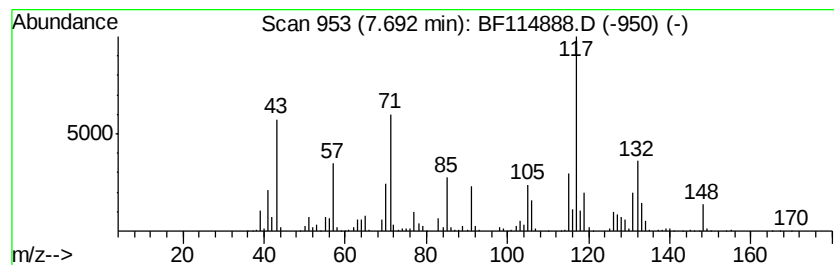
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Phenyl-1-butene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	7.44 ng	2898680	Napthalene-d8	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Phenyl-1-butene	132 C10H12	000824-90-8 86
2		Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6 86
3		3-Phenylbut-1-ene	132 C10H12	000934-10-1 55
4		1H-Indene, 2,3-dihydro-5-methyl-	132 C10H12	000874-35-1 55
5		Benzene, 2-ethenyl-1,3-dimethyl-	132 C10H12	002039-90-9 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

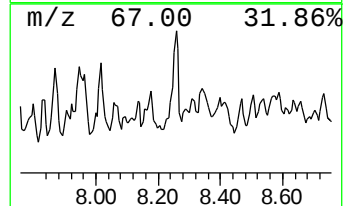
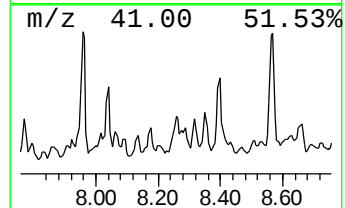
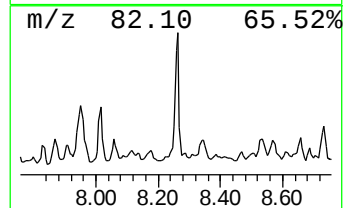
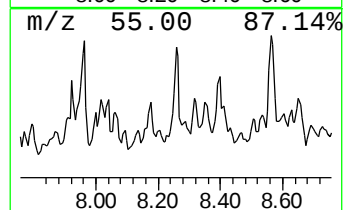
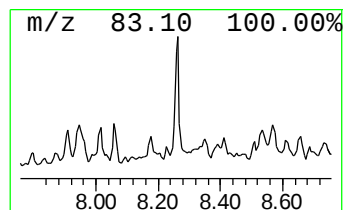
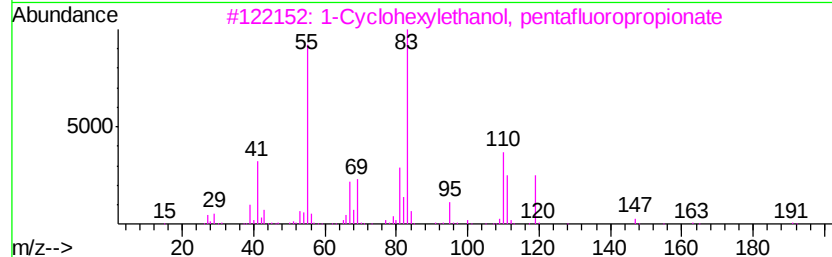
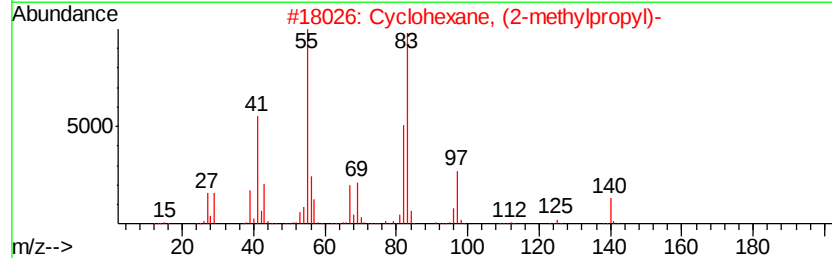
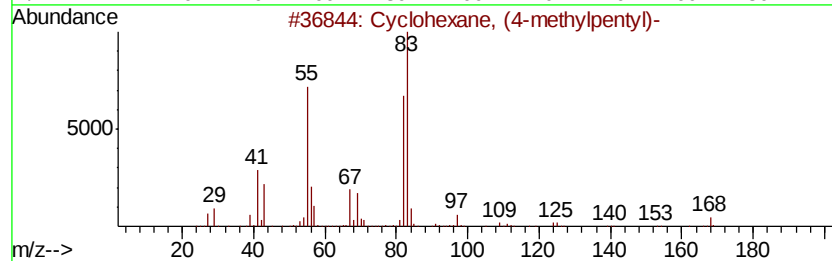
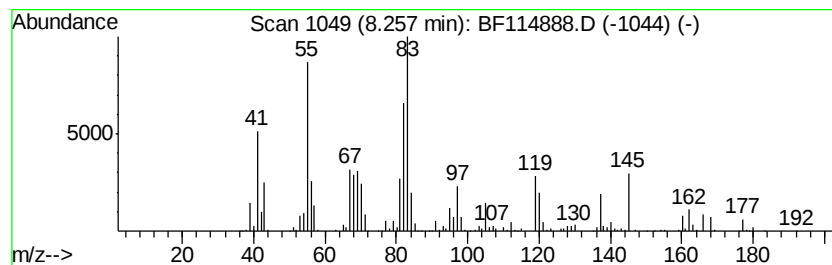
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.26 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	8.07 ng	3144840	Napthalene-d8	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9 46
2		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 43
3		1-Cyclohexylethanol, pentafluoro...	274 C11H15F5O2	1000365-50-1 38
4		Cyclohexane, ethyl-	112 C8H16	001678-91-7 38
5		Cyclohexane, hexyl-	168 C12H24	004292-75-5 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
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Sample : K3153-01 5X
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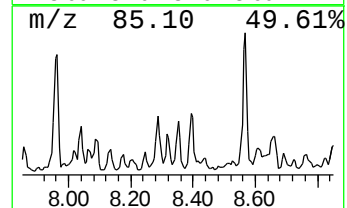
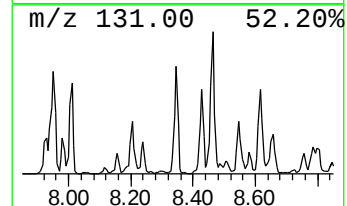
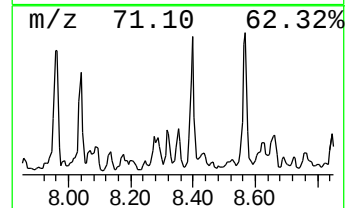
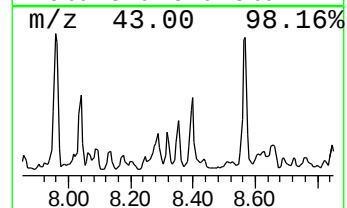
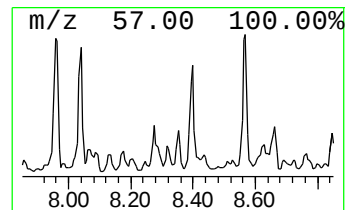
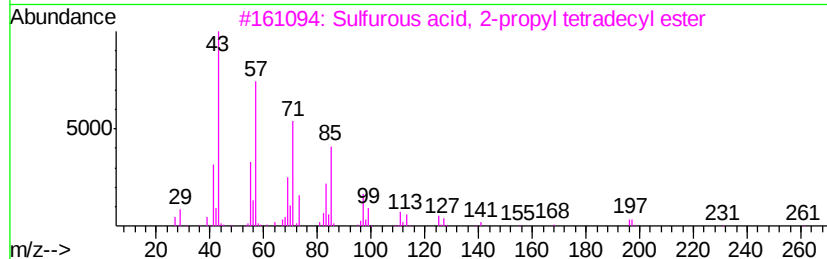
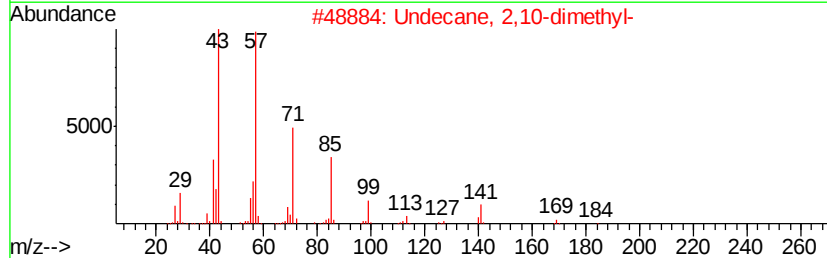
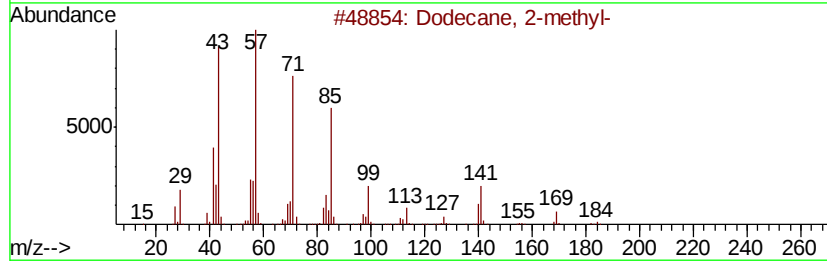
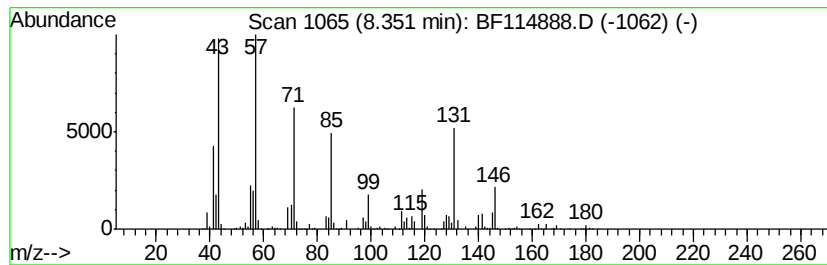
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	6.41 ng	2498130	Naphthalene-d8	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-	184 C13H28	001560-97-0	70
2	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	49
3	Sulfurous acid, 2-propyl tetradecyl...	320 C17H36O3S	1000309-12-5	49
4	Heneicosane	296 C21H44	000629-94-7	46
5	Tridecane	184 C13H28	000629-50-5	46



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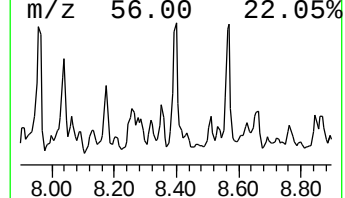
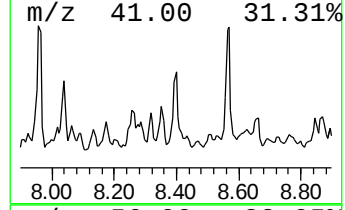
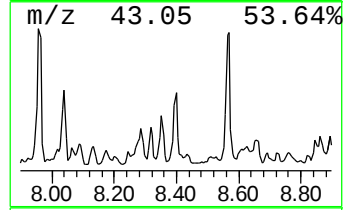
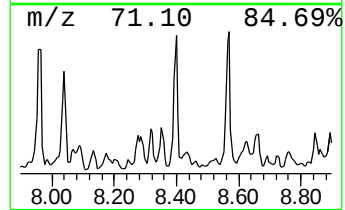
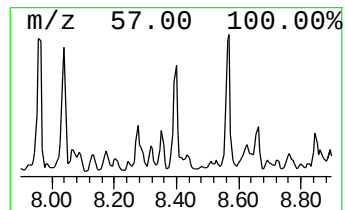
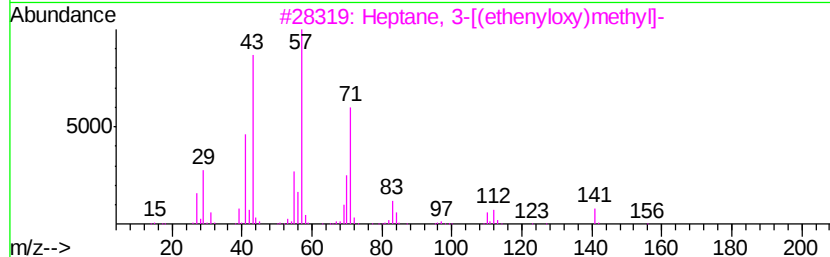
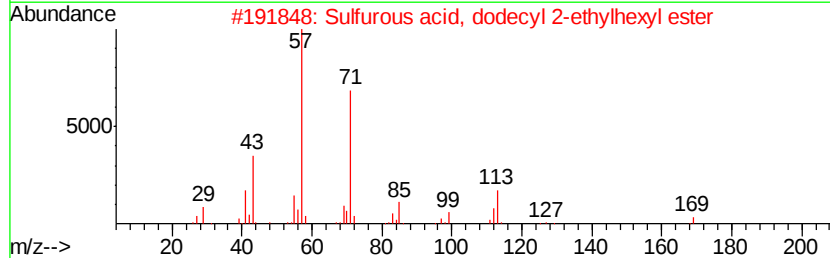
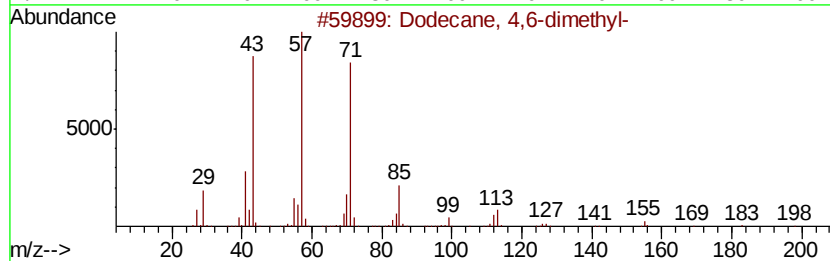
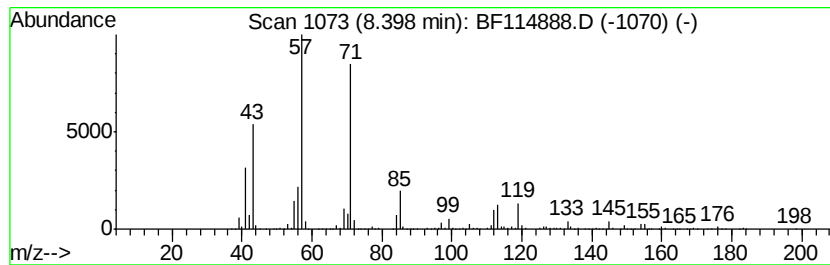
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 4,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	9.97 ng	3885650	Napthalene-d8	7.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	90
2	Sulfurous acid, dodecyl 2-ethylh...	362 C20H42O3S	1000309-19-5	58
3	Heptane, 3-[(ethenvloxy)methyl]-	156 C10H20O	000103-44-6	58
4	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	53
5	Nonane, 2,6-dimethyl-	156 C11H24	017302-28-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
Operator : HP/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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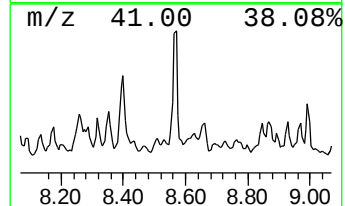
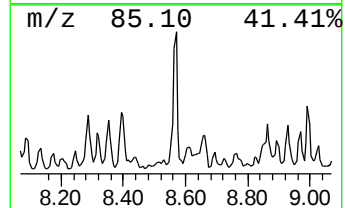
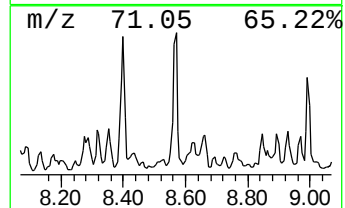
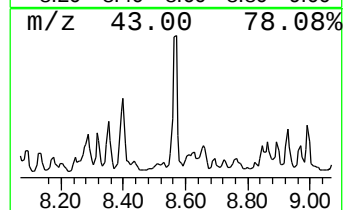
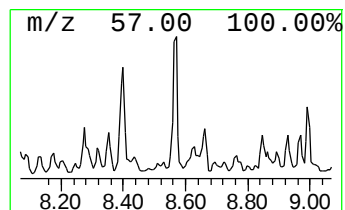
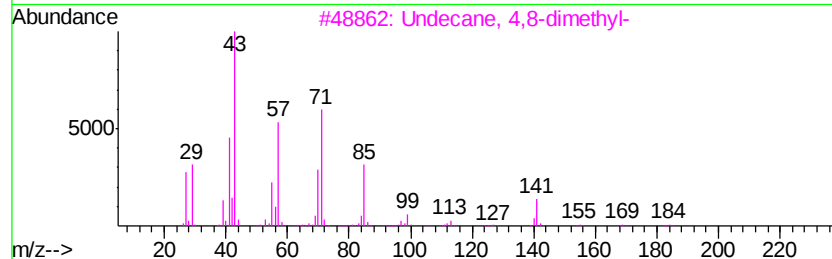
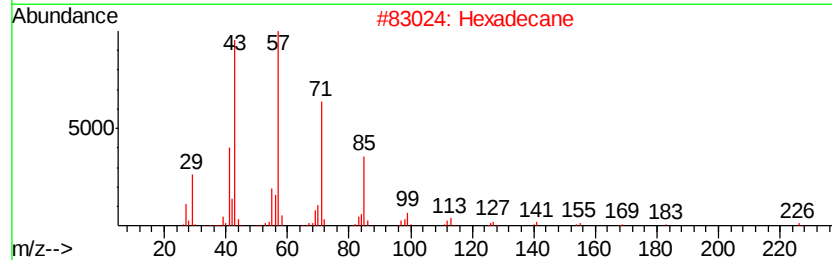
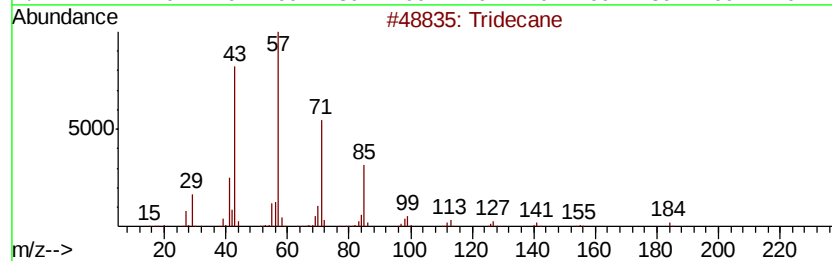
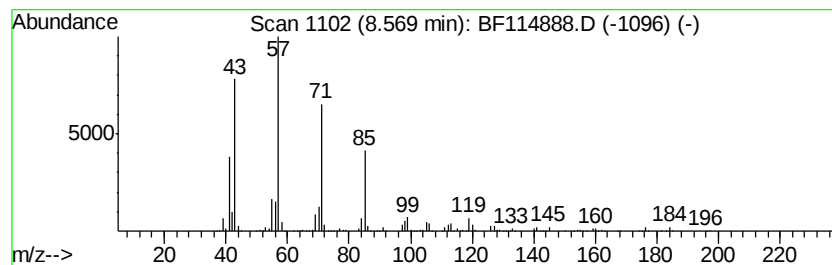
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	14.89 ng	5802070	Napthalene-d8	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Hexadecane	226	C16H34	000544-76-3	80
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
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ALS Vial : 25 Sample Multiplier: 1

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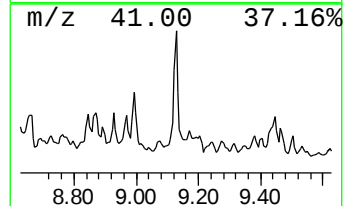
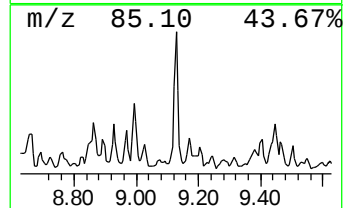
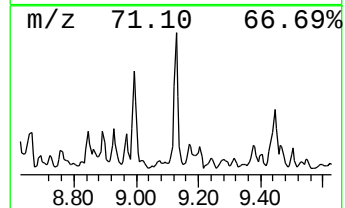
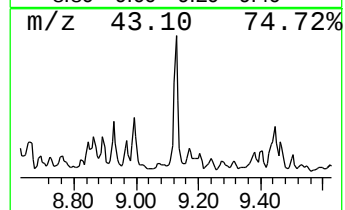
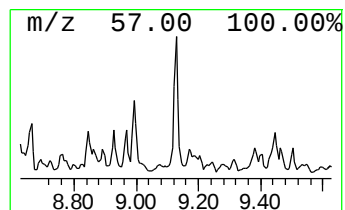
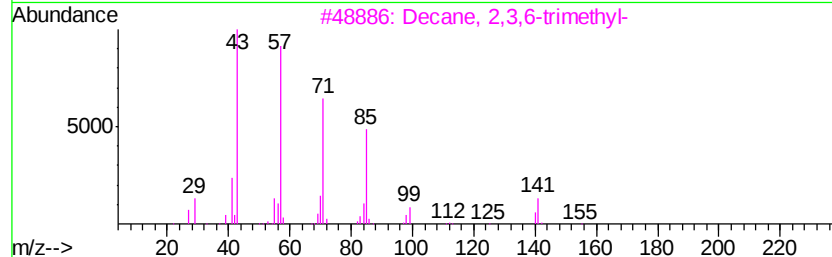
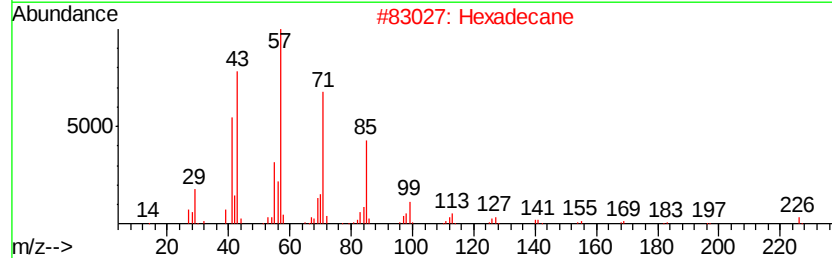
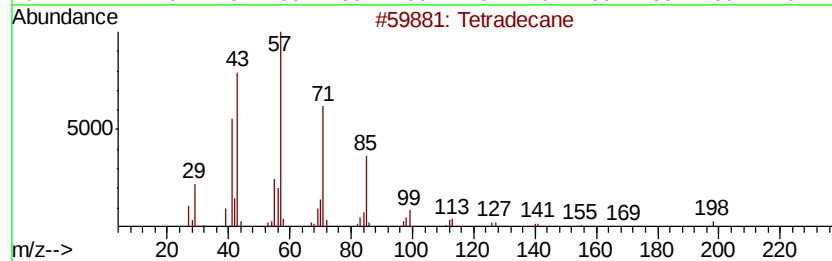
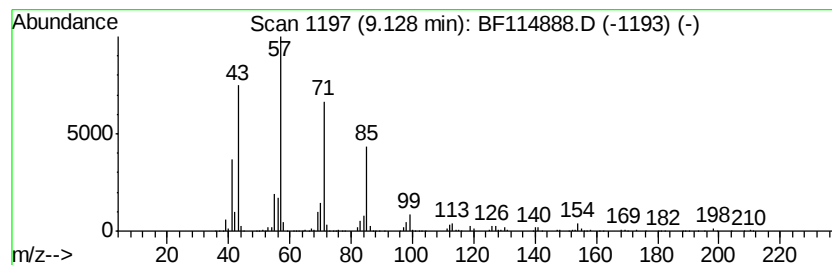
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	22.17 ng	3377190	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	86
4		9-methylheptadecane	254	C18H38	026741-18-4	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
Operator : HP/JU
Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

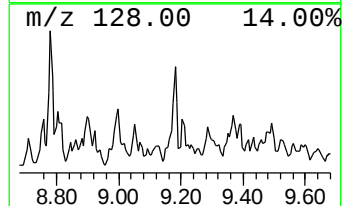
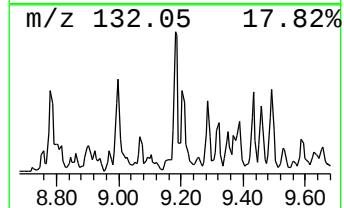
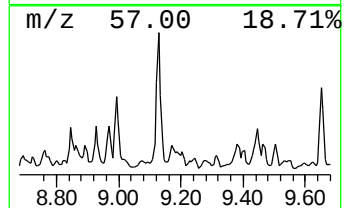
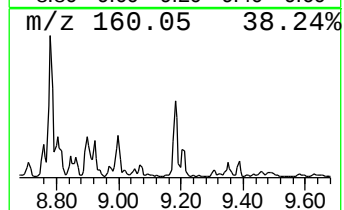
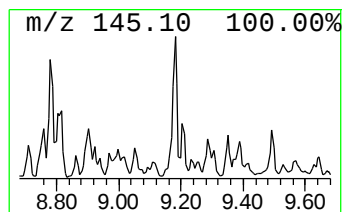
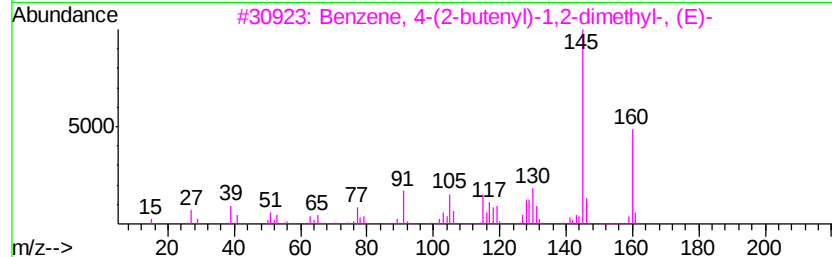
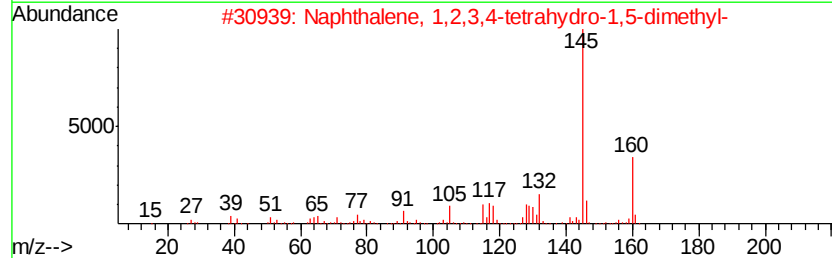
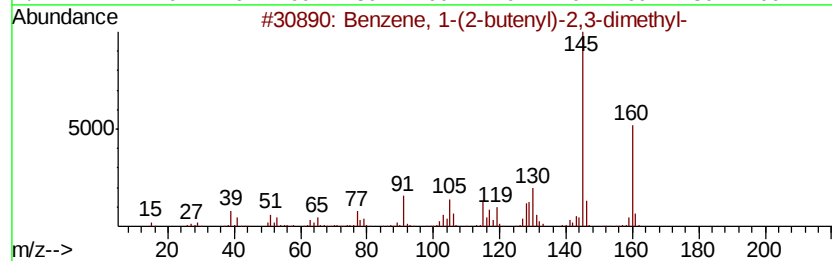
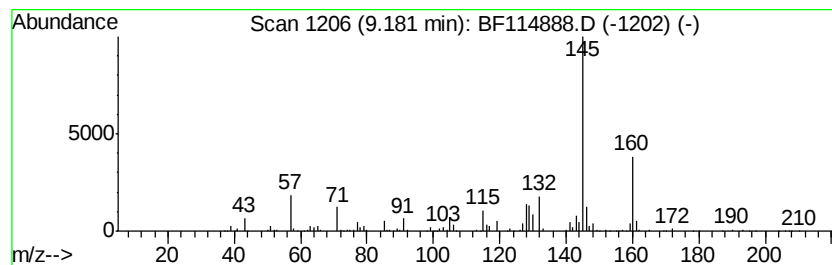
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	7.57 ng	1152650	Acenaphthene-d10	9.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
5		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060619\
 Data File : BF114888.D
 Acq On : 7 Jun 2019 2:54
 Operator : HP/JU
 Sample : K3153-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

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
unknown6.43	6.43	20.2	ng	2325680	1	6.67	2305920	20.0
Decane	6.53	11.7	ng	1347700	1	6.67	2305920	20.0
Benzene, 1,2,3-tr...	6.73	6.5	ng	743800	1	6.67	2305920	20.0
Benzene, 1-methyl...	6.96	9.8	ng	1128460	1	6.67	2305920	20.0
Benzene, 1,2-diet...	7.00	12.0	ng	1379900	1	6.67	2305920	20.0
Decane, 2-methyl-	7.03	8.6	ng	995581	1	6.67	2305920	20.0
unknown7.07	7.07	16.1	ng	1857010	1	6.67	2305920	20.0
Undecane	7.29	27.9	ng	3222900	1	6.67	2305920	20.0
Benzene, 1-methyl...	7.48	6.8	ng	2651510	2	7.95	7791320	20.0
unknown7.59	7.59	6.8	ng	2655550	2	7.95	7791320	20.0
1-Phenyl-1-butene	7.69	7.4	ng	2898680	2	7.95	7791320	20.0
unknown8.26	8.26	8.1	ng	3144840	2	7.95	7791320	20.0
Dodecane, 2-methyl-	8.35	6.4	ng	2498130	2	7.95	7791320	20.0
Dodecane, 4,6-dim...	8.40	10.0	ng	3885650	2	7.95	7791320	20.0
Tridecane	8.57	14.9	ng	5802070	2	7.95	7791320	20.0
Tetradecane	9.13	22.2	ng	3377190	3	9.70	3046790	20.0
Benzene, 1-(2-but...	9.18	7.6	ng	1152650	3	9.70	3046790	20.0