

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
 Data File : BF112763.D
 Acq On : 28 Feb 2019 15:36
 Operator : JU/SJ
 Sample : K1341-09 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-022719-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	5.346	551	554	559	rVB	911275	867679	11.15%	0.699%
2	5.663	604	608	614	rBV	738310	654297	8.41%	0.527%
3	5.910	644	650	654	rVB3	327142	386353	4.97%	0.311%
4	6.004	663	666	669	rBV	784736	766336	9.85%	0.617%
5	6.198	693	699	703	rBV2	382704	680464	8.75%	0.548%
6	6.263	707	710	711	rVV	523434	513837	6.61%	0.414%
7	6.293	711	715	722	rVB3	890062	1682850	21.63%	1.356%
8	6.351	722	725	727	rBV	1138629	1169988	15.04%	0.943%
9	6.369	727	728	732	rVB	1050780	560603	7.21%	0.452%
10	6.434	736	739	741	rBV2	431817	387357	4.98%	0.312%
11	6.510	746	752	755	rBV2	1292382	1824430	23.45%	1.470%
12	6.575	760	763	765	rBV	1671955	1386132	17.82%	1.117%
13	6.604	765	768	772	rVB	4367100	4138638	53.20%	3.334%
14	6.704	780	785	788	rBV4	390754	655247	8.42%	0.528%
15	6.745	788	792	795	rBV	1456424	1251651	16.09%	1.008%
16	6.781	795	798	801	rVB2	1473225	1291763	16.61%	1.041%
17	6.810	801	803	808	rVB3	1021092	1109542	14.26%	0.894%
18	6.857	808	811	813	rBV4	232163	276781	3.56%	0.223%
19	6.904	816	819	824	rBV5	1783073	1801437	23.16%	1.451%
20	6.940	824	825	828	rVB2	377309	284957	3.66%	0.230%
21	6.998	831	835	838	rBV3	366408	473826	6.09%	0.382%
22	7.034	838	841	845	rVB2	1342454	1727310	22.20%	1.392%
23	7.075	845	848	850	rVB2	1921675	1712869	22.02%	1.380%
24	7.104	850	853	857	rVB	1380812	1213702	15.60%	0.978%
25	7.151	857	861	864	rBV	2380643	2112874	27.16%	1.702%
26	7.222	871	873	874	rBV	385651	281030	3.61%	0.226%
27	7.245	874	877	879	rVB	530716	437454	5.62%	0.352%
28	7.287	879	884	888	rBV3	1454237	2312596	29.73%	1.863%
29	7.363	894	897	900	rVB	6267900	6042869	77.68%	4.869%
30	7.404	900	904	908	rVB4	1169064	1583101	20.35%	1.275%
31	7.440	908	910	913	rBV3	541518	686547	8.83%	0.553%
32	7.475	913	916	919	rVB2	901632	873678	11.23%	0.704%
33	7.522	919	924	926	rBV3	555767	731093	9.40%	0.589%
34	7.551	926	929	935	rVB3	1294788	2075494	26.68%	1.672%

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35	7.663	939	948	949	rBV3	1378687	1797377	23.10%	1.448%
36	7.728	956	959	962	rBV2	958675	1057486	13.59%	0.852%
37	7.763	962	965	969	rVV4	1486486	2023593	26.01%	1.630%
38	7.798	969	971	975	rVB2	1923926	1817900	23.37%	1.465%
39	7.840	975	978	980	rBV2	1188713	1126928	14.49%	0.908%
40	7.869	981	983	987	rVB2	1233628	1234618	15.87%	0.995%
41	7.904	987	989	991	rBV	479964	434051	5.58%	0.350%
42	7.945	991	996	999	rBV4	264380	288661	3.71%	0.233%
43	7.981	999	1002	1003	rBV	536945	434164	5.58%	0.350%
44	7.998	1003	1005	1006	rVV	645824	509643	6.55%	0.411%
45	8.034	1006	1011	1013	rVV2	7406457	7779261	100.00%	6.268%
46	8.051	1013	1014	1016	rVV2	580493	481123	6.18%	0.388%
47	8.087	1018	1020	1022	rVV2	699623	710975	9.14%	0.573%
48	8.110	1022	1024	1026	rVV	2279026	1650963	21.22%	1.330%
49	8.134	1026	1028	1031	rVB3	435367	383504	4.93%	0.309%
50	8.163	1031	1033	1035	rVB2	420811	311986	4.01%	0.251%
51	8.210	1035	1041	1043	rBV6	490777	813006	10.45%	0.655%
52	8.228	1043	1044	1046	rVV	496507	337530	4.34%	0.272%
53	8.275	1050	1052	1054	rBV2	326676	280498	3.61%	0.226%
54	8.334	1057	1062	1065	rBV6	1577213	2090139	26.87%	1.684%
55	8.387	1069	1071	1074	rBV2	1066458	921516	11.85%	0.742%
56	8.422	1074	1077	1080	rVB3	1425367	1240666	15.95%	1.000%
57	8.469	1082	1085	1089	rVV	2541955	2383395	30.64%	1.920%
58	8.504	1089	1091	1093	rVB2	484264	403785	5.19%	0.325%
59	8.539	1093	1097	1100	rBV2	1374198	1226428	15.77%	0.988%
60	8.581	1101	1104	1106	rBV3	344708	374939	4.82%	0.302%
61	8.639	1110	1114	1117	rBV	6210432	5624920	72.31%	4.532%
62	8.692	1120	1123	1127	rVV2	908569	842830	10.83%	0.679%
63	8.734	1127	1130	1134	rVB4	1102937	1517155	19.50%	1.222%
64	8.787	1136	1139	1141	rBV3	197751	277823	3.57%	0.224%
65	8.851	1145	1150	1153	rBV3	581652	965719	12.41%	0.778%
66	8.916	1159	1161	1163	rBV	717399	638214	8.20%	0.514%
67	8.945	1163	1166	1168	rVV3	870446	1101192	14.16%	0.887%
68	8.963	1168	1169	1173	rVV3	593880	656901	8.44%	0.529%
69	8.998	1173	1175	1178	rVB	1091133	821437	10.56%	0.662%
70	9.039	1179	1182	1184	rVV2	688248	703464	9.04%	0.567%
71	9.063	1184	1186	1189	rVB2	1860109	1608852	20.68%	1.296%

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72	9.098	1189	1192	1196	rVB	960065	857073	11.02%	0.691%
73	9.198	1205	1209	1213	rBV	4866948	4847390	62.31%	3.905%
74	9.257	1217	1219	1221	rVV	540143	492890	6.34%	0.397%
75	9.363	1234	1237	1244	rVB3	408569	776536	9.98%	0.626%
76	9.439	1248	1250	1252	rVV	622693	776343	9.98%	0.625%
77	9.463	1252	1254	1258	rVV2	705253	900096	11.57%	0.725%
78	9.516	1258	1263	1265	rVV2	1676579	2142259	27.54%	1.726%
79	9.539	1265	1267	1270	rVV2	711499	741884	9.54%	0.598%
80	9.575	1271	1273	1275	rVB2	439132	330468	4.25%	0.266%
81	9.728	1296	1299	1302	rVB	3537358	2874115	36.95%	2.316%
82	9.775	1302	1307	1311	rBV2	1539121	1919978	24.68%	1.547%
83	9.951	1334	1337	1340	rBV4	298933	430903	5.54%	0.347%
84	9.981	1340	1342	1345	rVV	390835	369548	4.75%	0.298%
85	10.045	1350	1353	1357	rVB3	577551	653185	8.40%	0.526%
86	10.222	1380	1383	1386	rVB	2181109	1653179	21.25%	1.332%
87	10.439	1416	1420	1423	rBV	502899	569032	7.31%	0.458%
88	10.557	1437	1440	1444	rVB	852783	737695	9.48%	0.594%
89	10.692	1460	1463	1473	rVB	1422400	1683818	21.64%	1.357%
90	11.139	1536	1539	1542	rBV	729928	583338	7.50%	0.470%
91	11.169	1542	1544	1550	rVB	321682	298535	3.84%	0.241%
92	11.251	1555	1558	1561	rBV	1721620	1460993	18.78%	1.177%
93	11.563	1608	1611	1614	rBV	431424	343764	4.42%	0.277%
94	11.663	1624	1628	1631	rVB	585390	534367	6.87%	0.431%
95	12.345	1740	1744	1745	rBV	2250218	2134339	27.44%	1.720%
96	12.363	1745	1747	1754	rVB2	1747860	1547474	19.89%	1.247%
97	12.833	1823	1827	1830	rBV	1130171	950053	12.21%	0.765%
98	13.880	2001	2005	2008	rBV	1583861	1433918	18.43%	1.155%
99	14.668	2136	2139	2153	rVB2	182667	288853	3.71%	0.233%
100	15.292	2241	2245	2249	rVB	865541	958810	12.33%	0.772%

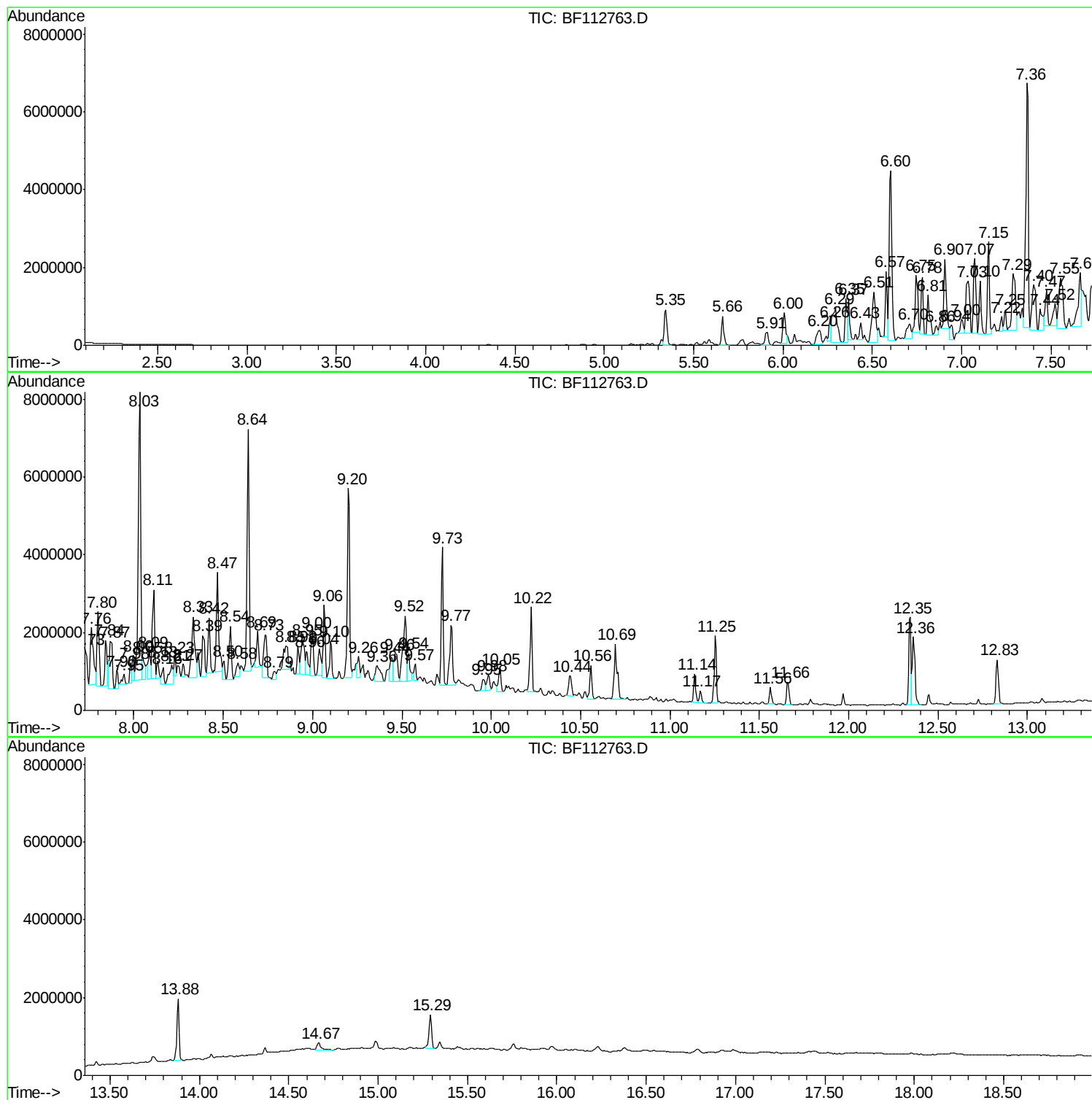
Sum of corrected areas: 124118263

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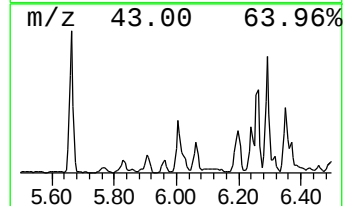
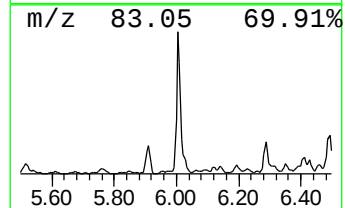
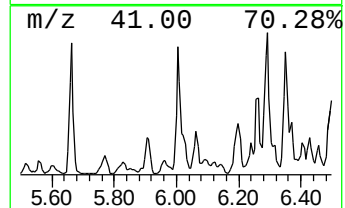
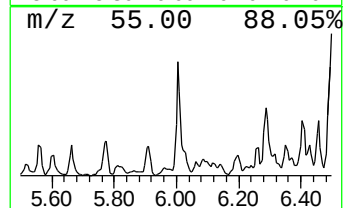
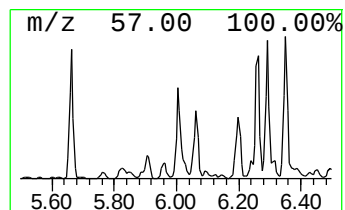
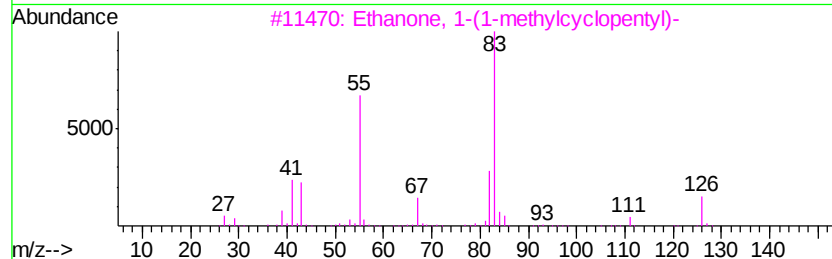
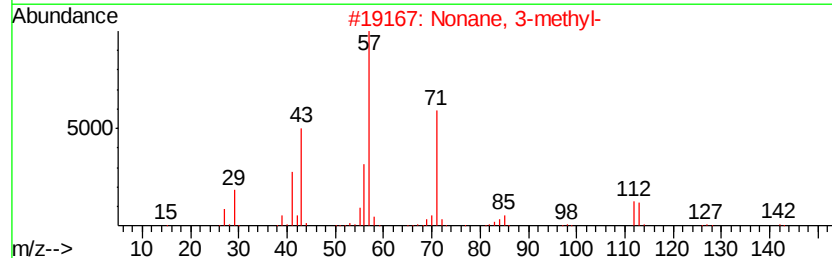
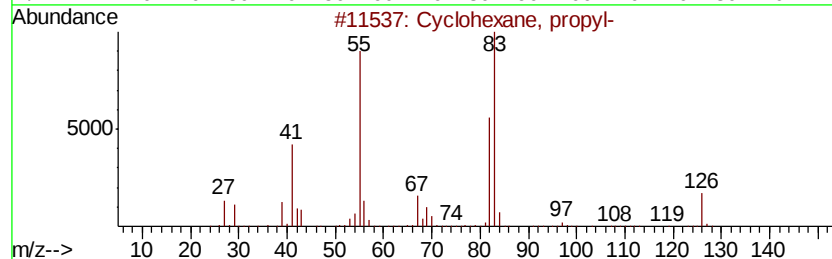
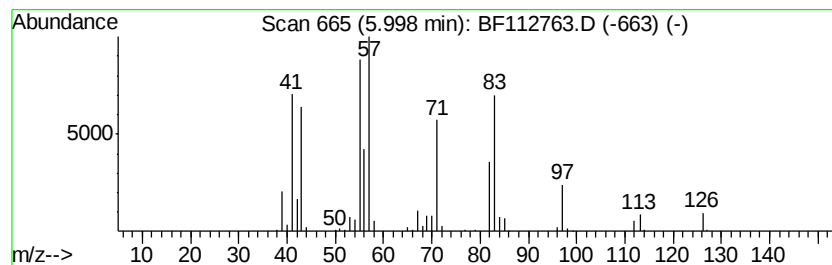
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.00	12.25 ng	766336	1,4-Dichlorobenzene-d4	6.75		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, propvl-	126	C9H18	001678-92-8	60
2		Nonane, 3-methyl-	142	C10H22	005911-04-6	38
3		Ethanone, 1-(1-methylcvclopentvl)-	126	C8H14O	013388-93-7	38
4		Oxalic acid, cvclohexvl nonvl ester	298	C17H30O4	1000309-31-1	35
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	30



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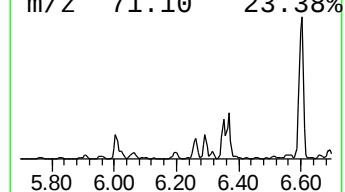
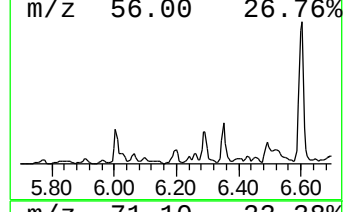
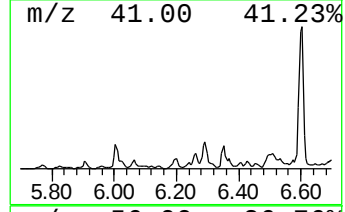
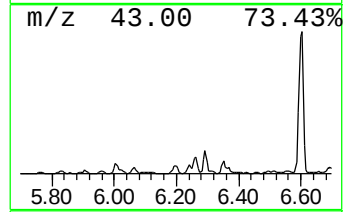
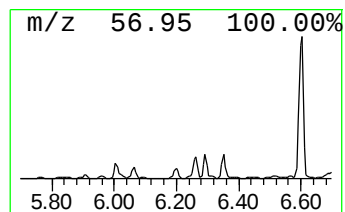
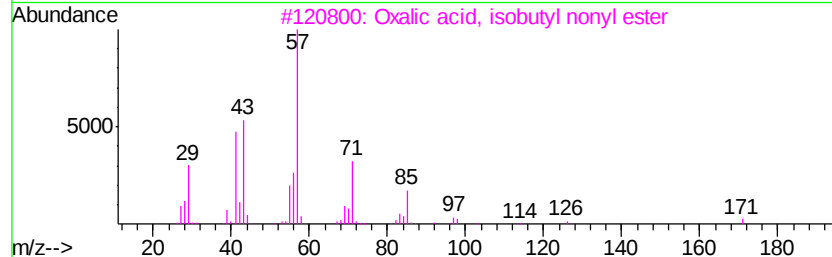
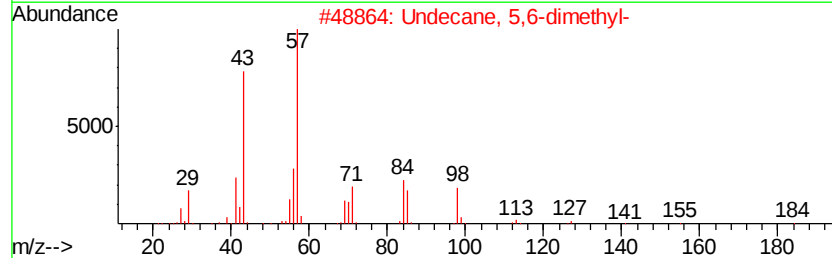
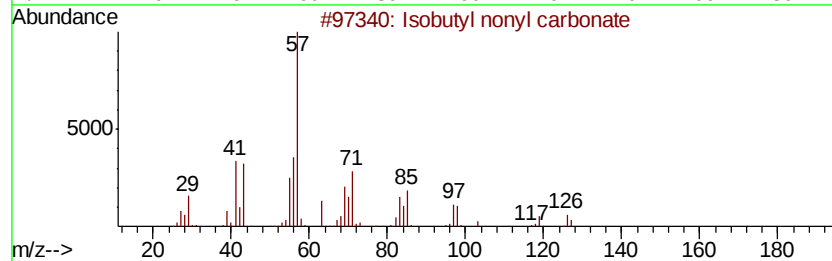
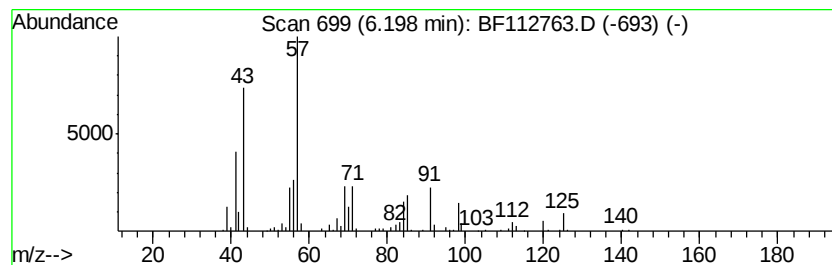
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Peak Number 2 Isobutyl nonyl carbonate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	10.87 ng	680464	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl nonyl carbonate	244	C14H28O3	959311-27-4	53
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	50
4		Decane, 5-methyl-	156	C11H24	013151-35-4	47
5		Decane	142	C10H22	000124-18-5	43



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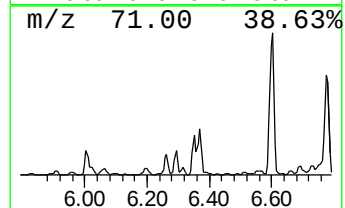
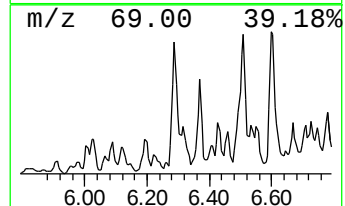
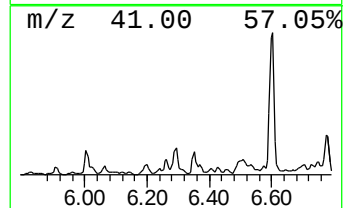
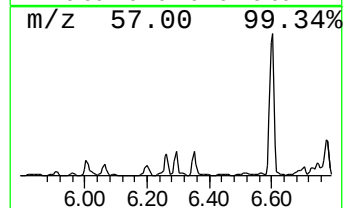
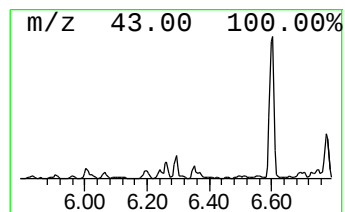
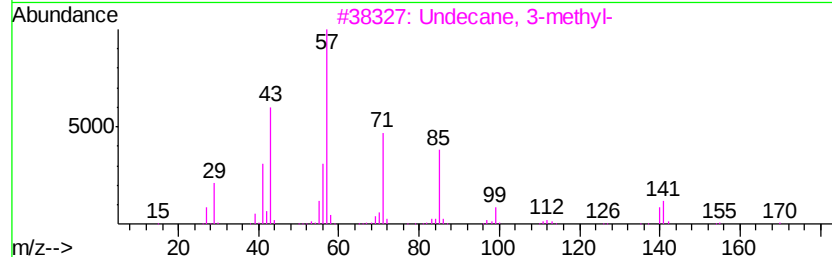
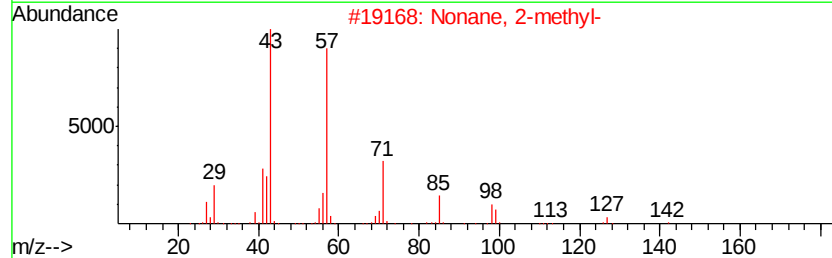
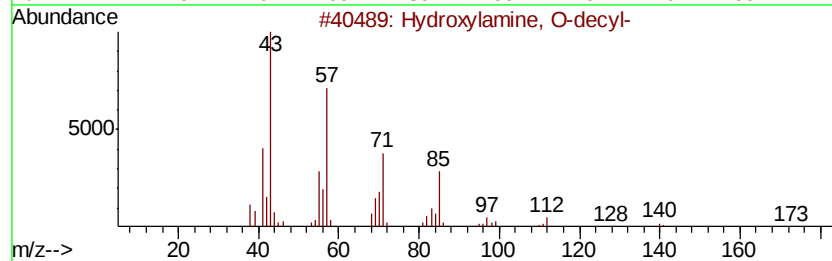
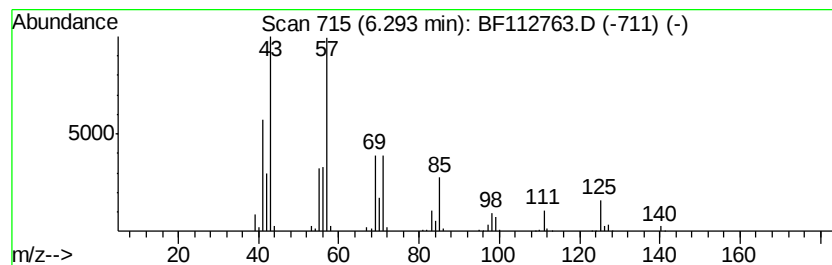
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hydroxylamine, O-decyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.29	26.89 ng	1682850	1,4-Dichlorobenzene-d4	6.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hvdroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	50
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4	Undecane	156	C11H24	001120-21-4	50
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112763.D
Acq On : 28 Feb 2019 15:36
Operator : JU/SJ
Sample : K1341-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-022719-B

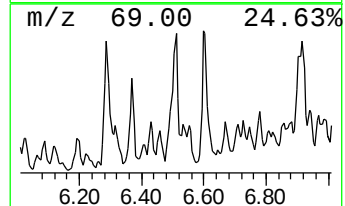
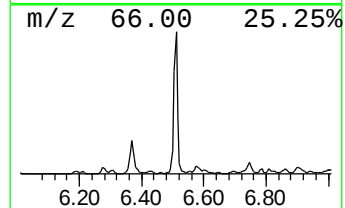
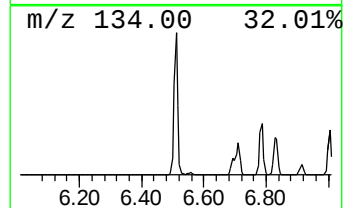
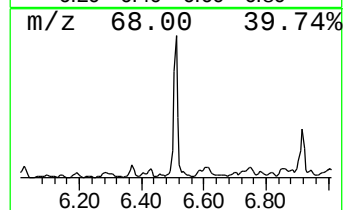
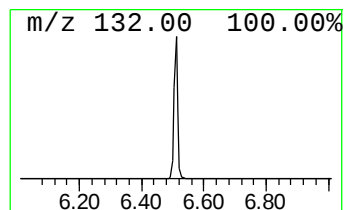
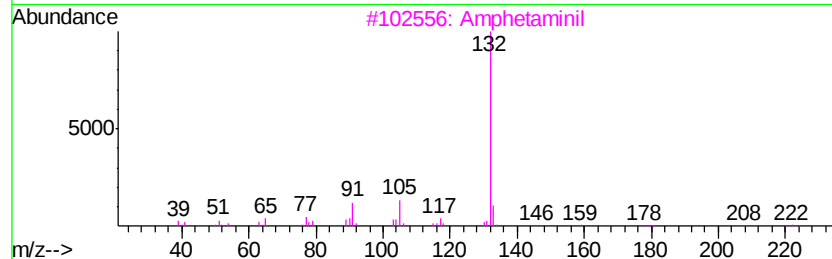
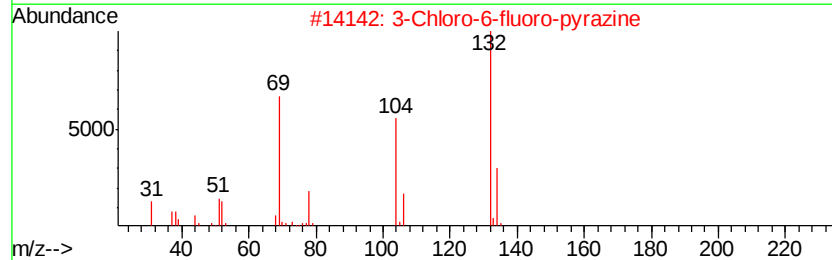
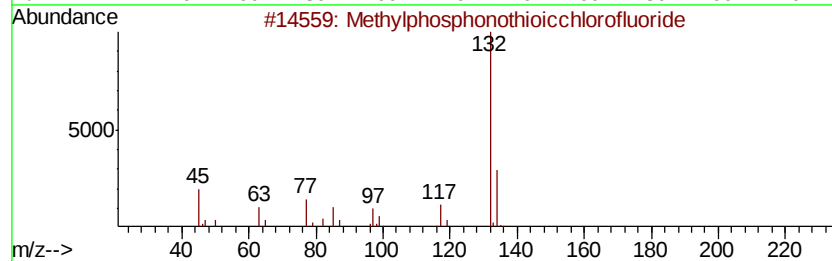
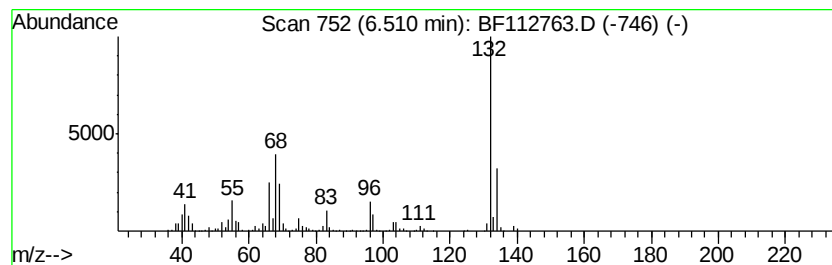
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.51 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	29.15 ng	1824430	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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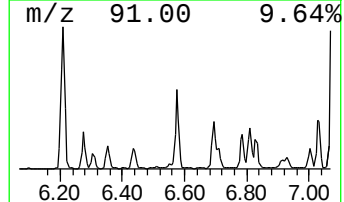
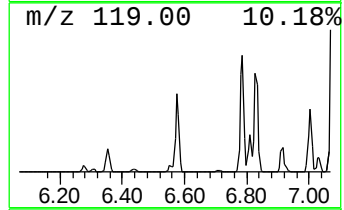
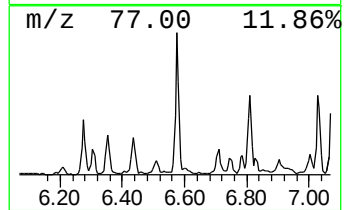
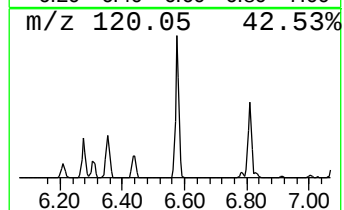
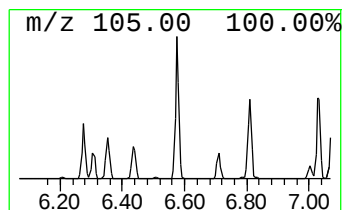
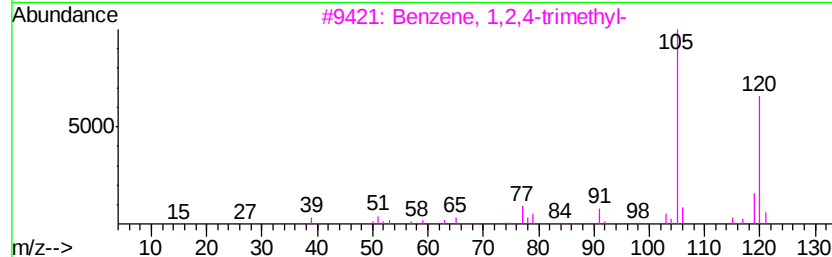
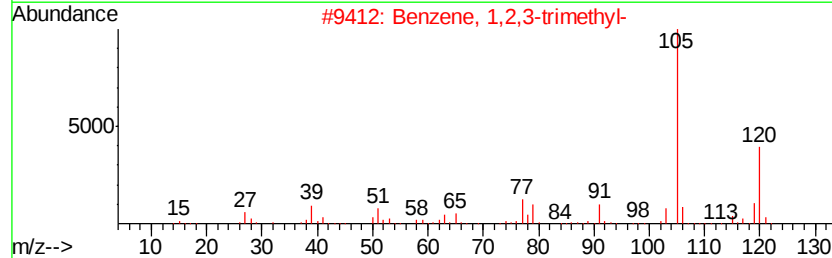
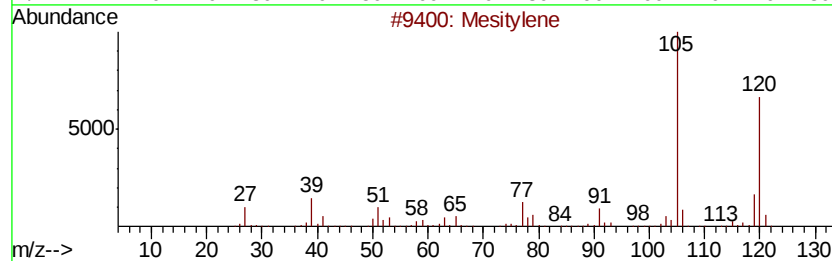
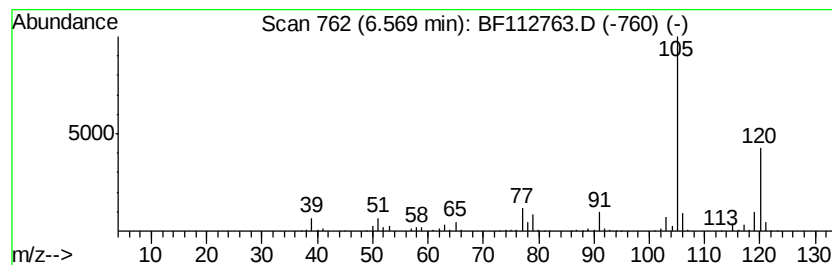
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	22.15 ng	1386130	1,4-Dichlorobenzene-d4	6.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	90



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Data File : BF112763.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
HR-06-022719-B

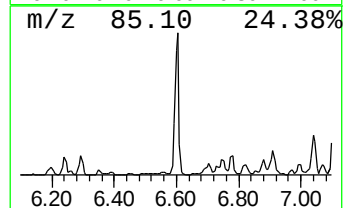
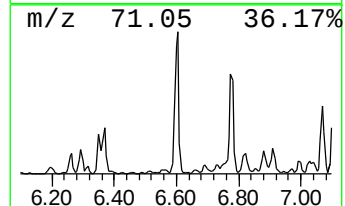
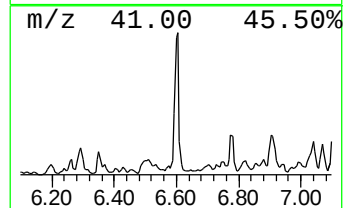
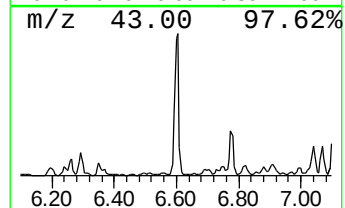
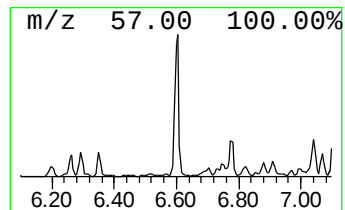
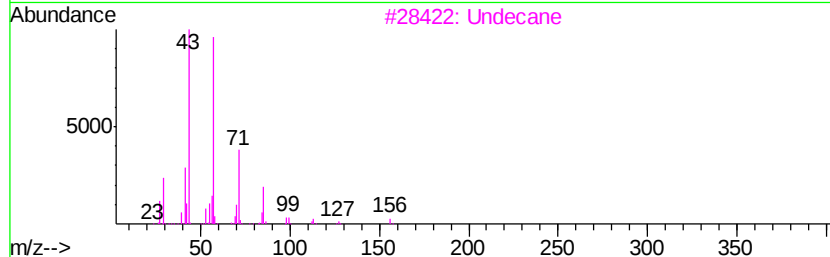
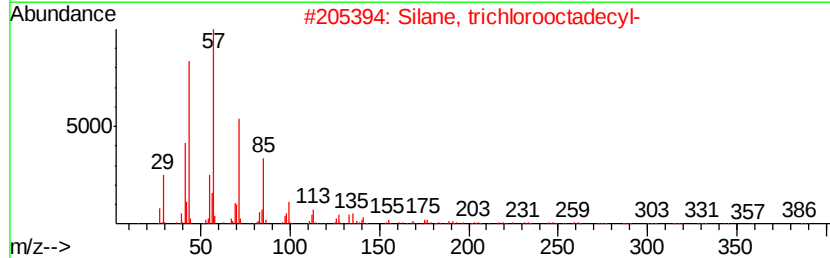
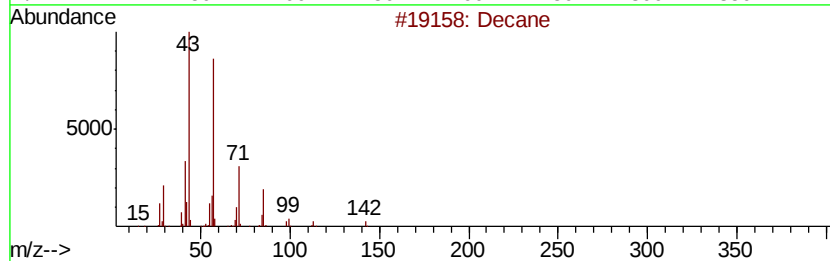
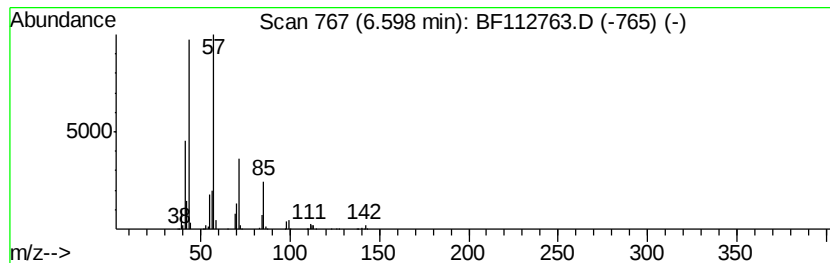
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	66.13 ng	4138640	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3		Undecane	156	C11H24	001120-21-4	78
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5		Tridecane	184	C13H28	000629-50-5	72



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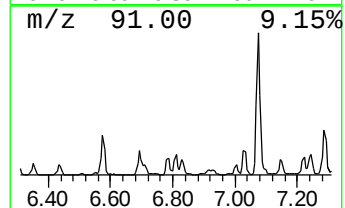
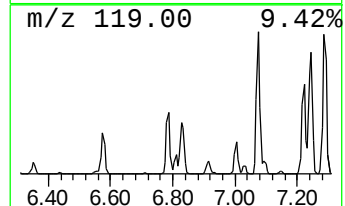
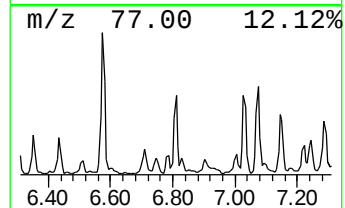
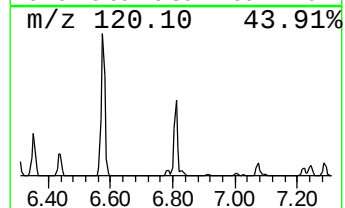
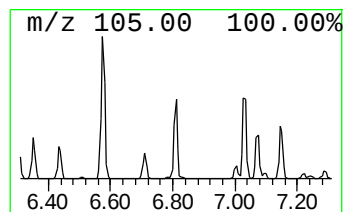
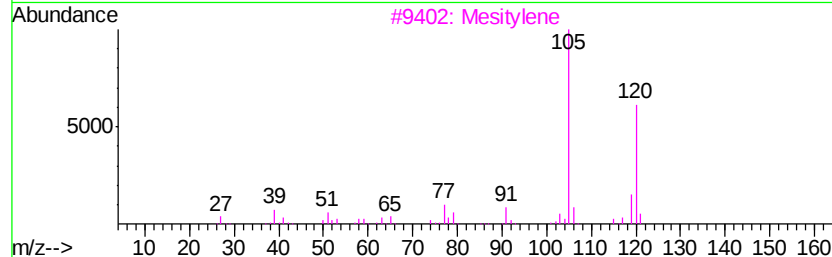
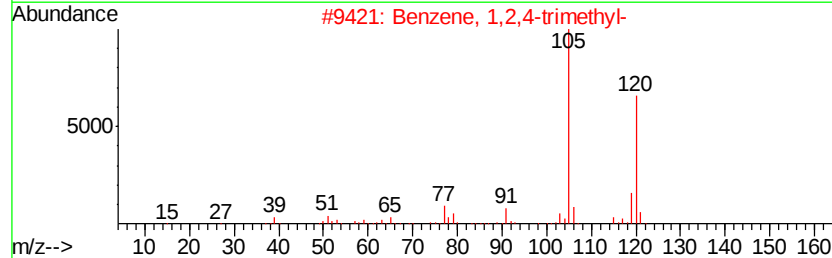
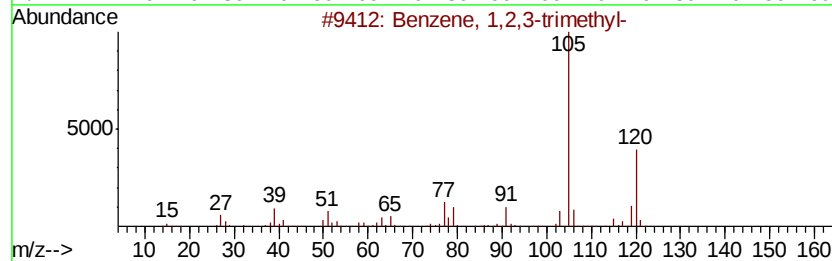
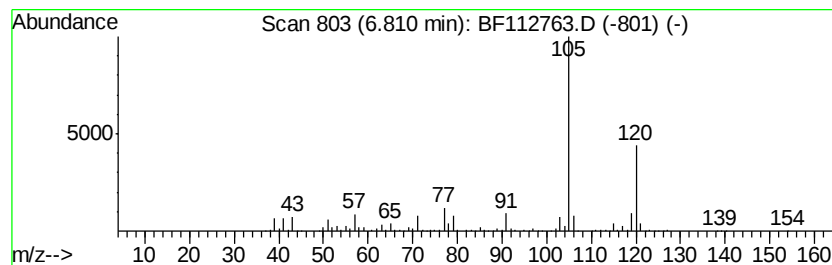
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	17.73 ng	1109540	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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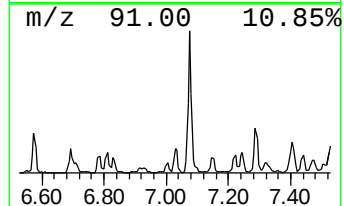
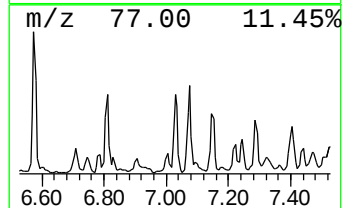
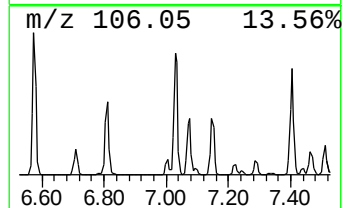
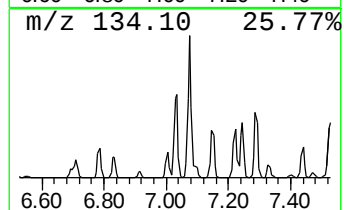
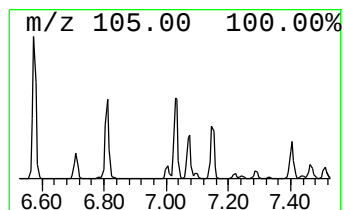
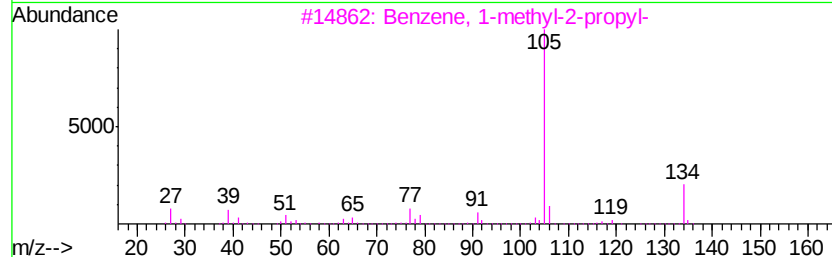
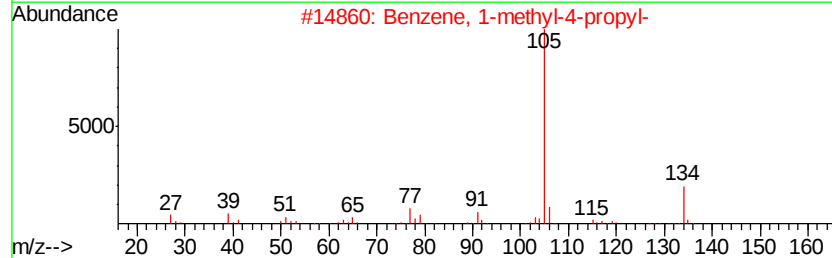
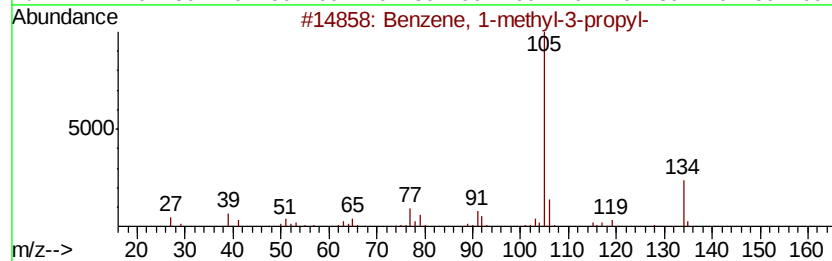
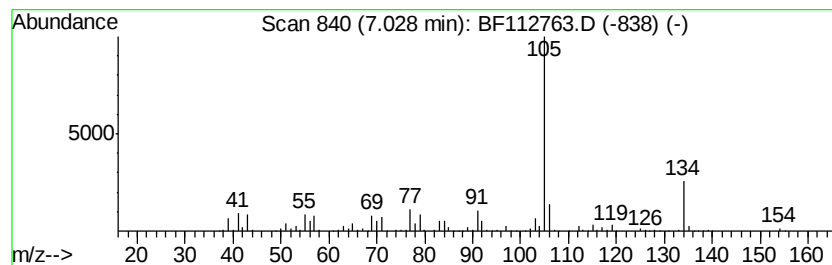
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	27.60 ng	1727310	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5		2-Indanol	134	C9H10O	004254-29-9	58



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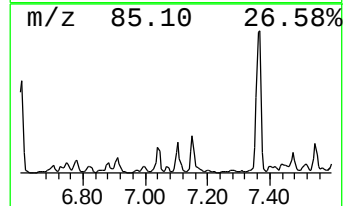
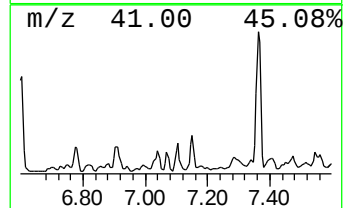
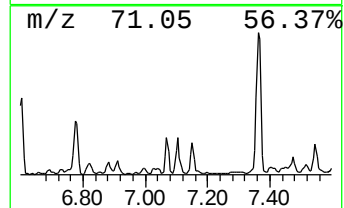
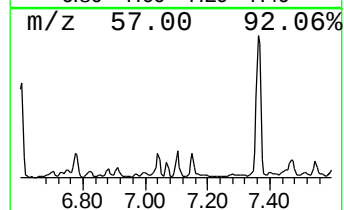
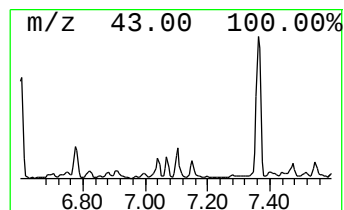
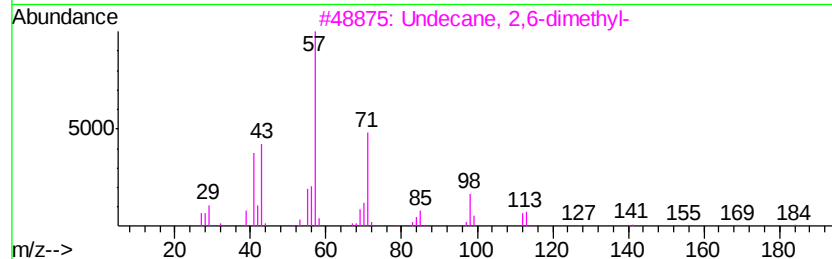
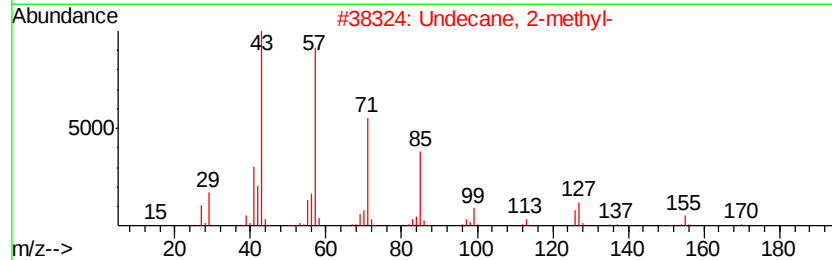
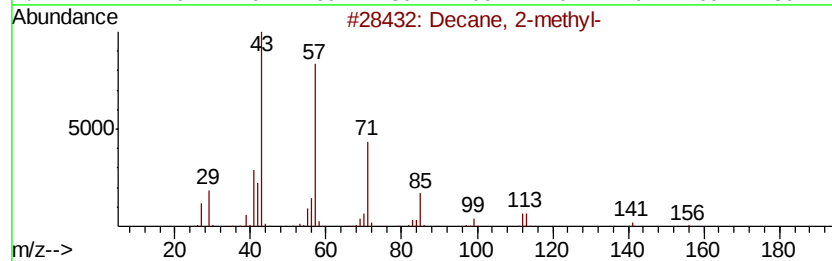
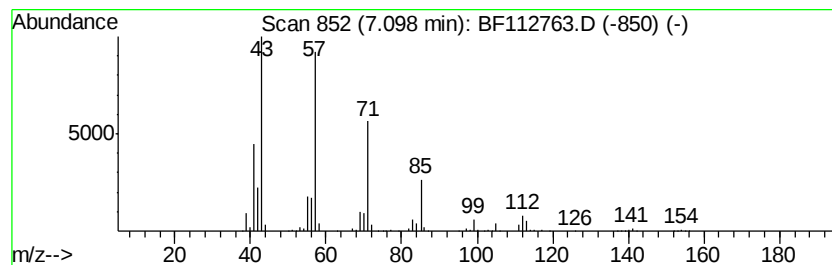
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.39 ng	1213700	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	76
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	64
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-022719-B

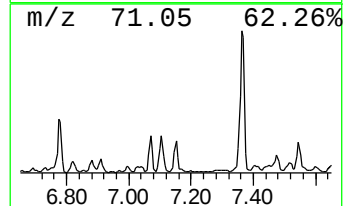
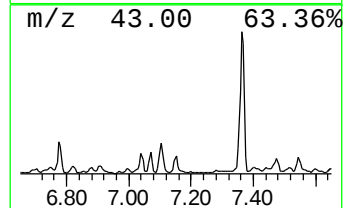
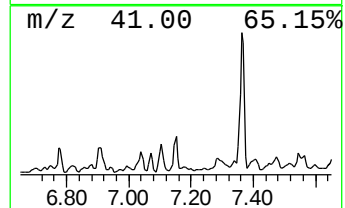
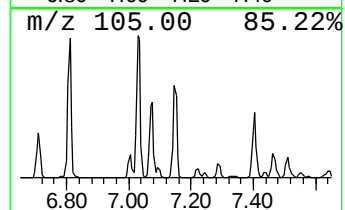
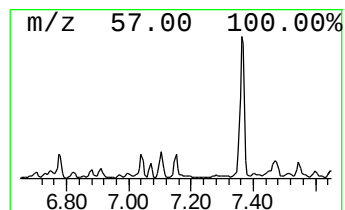
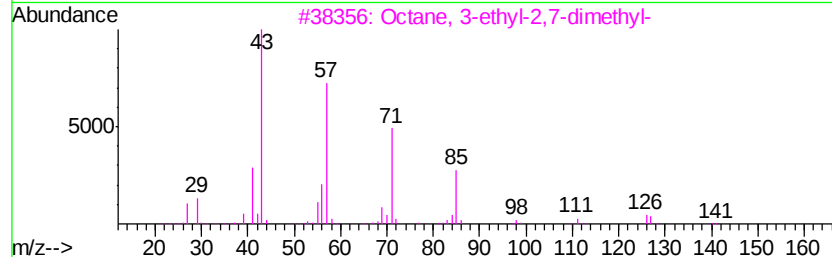
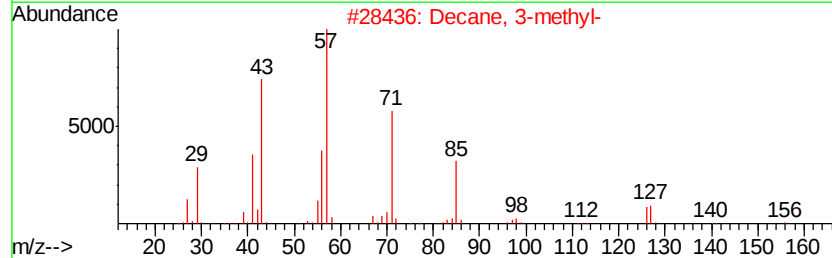
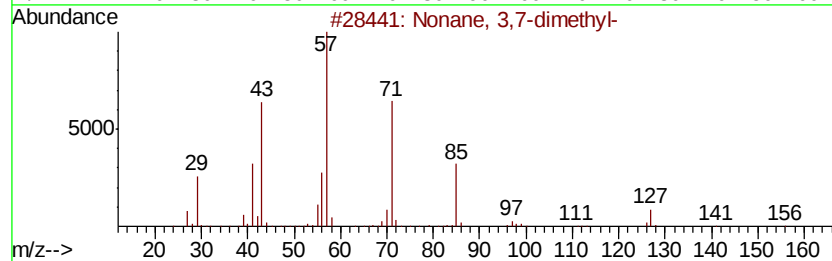
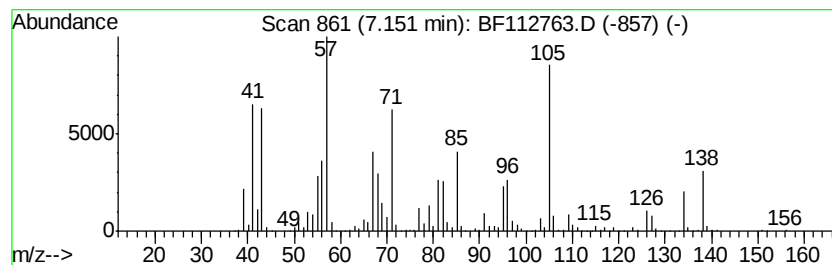
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown7.15 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	33.76 ng	2112870	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35
2		Decane, 3-methyl-	156	C11H24	013151-34-3	25
3		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	22
4		2-Decen-1-ol	156	C10H20O	022104-80-9	22
5		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112763.D
Acq On : 28 Feb 2019 15:36
Operator : JU/SJ
Sample : K1341-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-022719-B

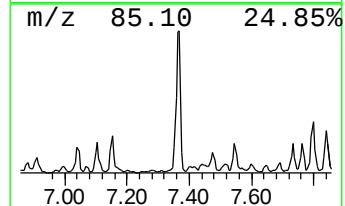
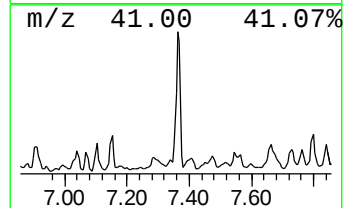
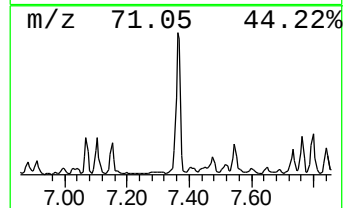
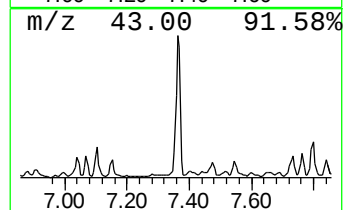
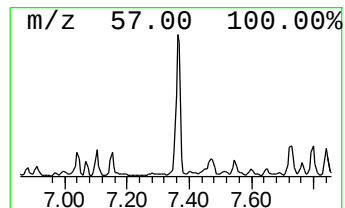
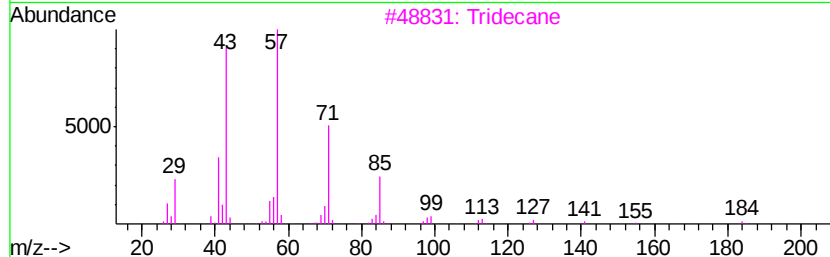
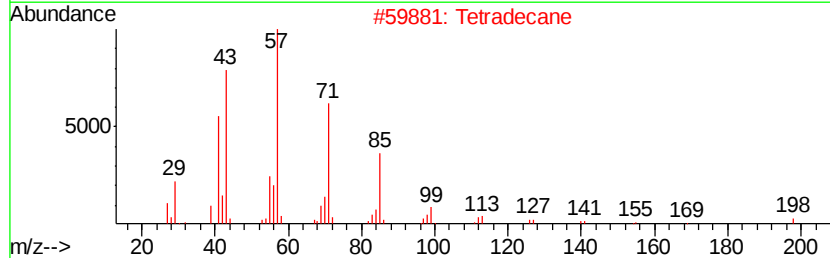
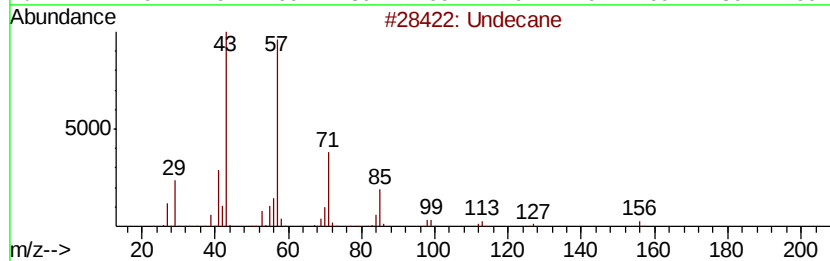
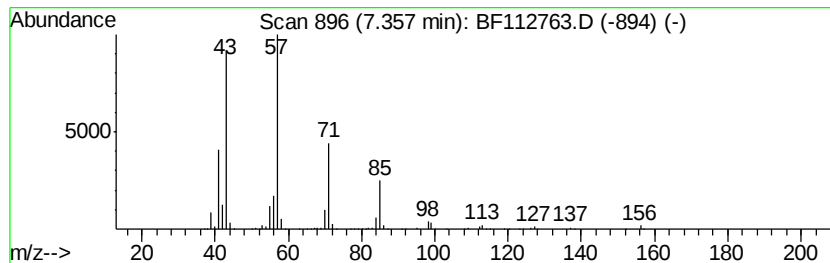
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	96.56 ng	6042870	1,4-Dichlorobenzene-d4	6.75

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	86
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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ClientSampleId :
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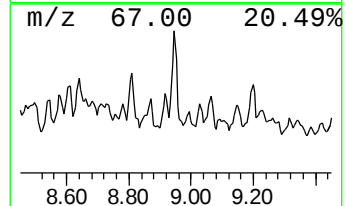
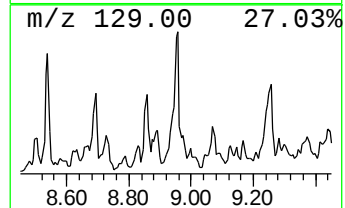
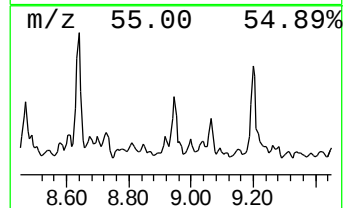
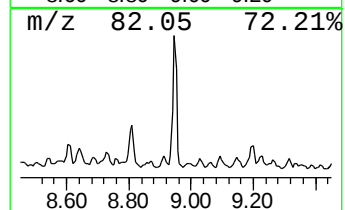
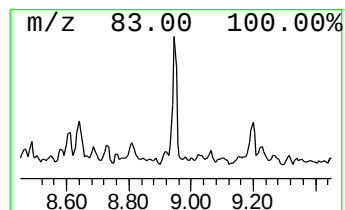
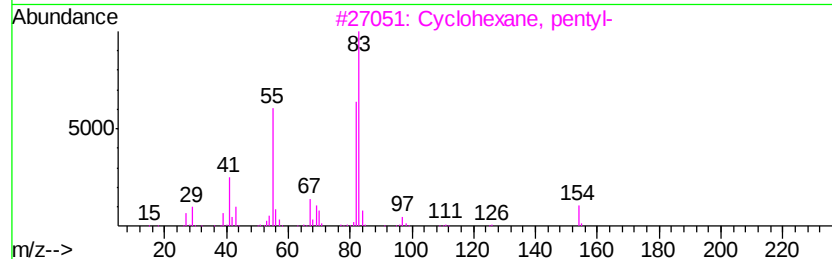
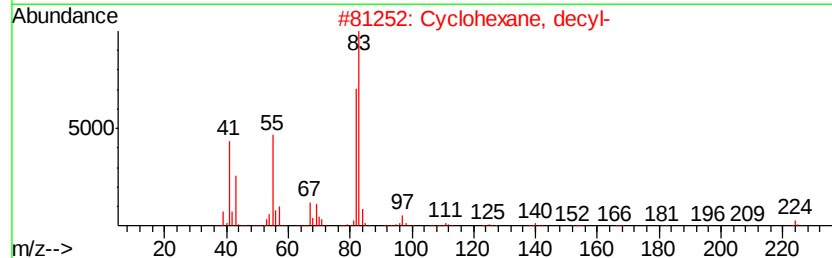
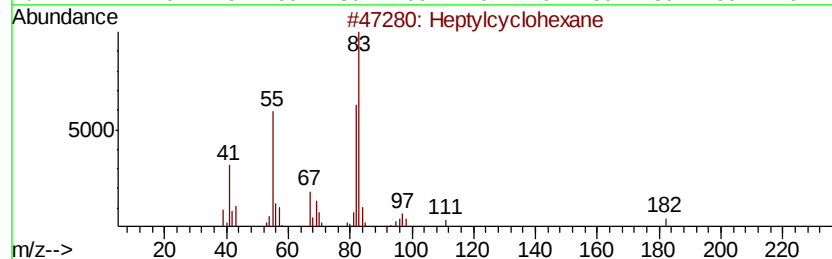
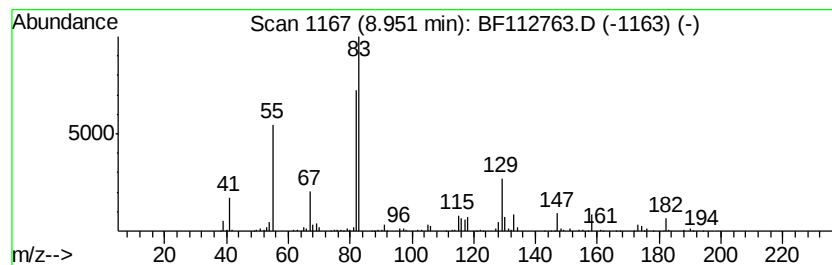
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	11.47 ng	1101190	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptylcyclohexane	182	C13H26	005617-41-4	64
2		Cyclohexane, decyl-	224	C16H32	001795-16-0	59
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4		Cyclohexane, 1,1'-(1,4-butanediol-...)	222	C16H30	006165-44-2	56
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	50



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Sample : K1341-09 5X
Misc :
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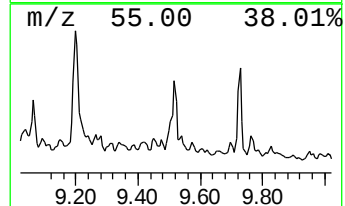
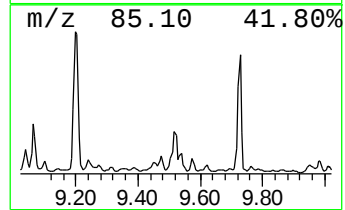
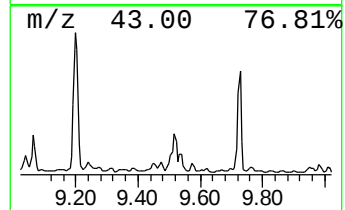
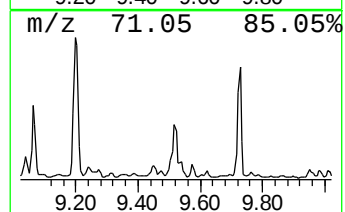
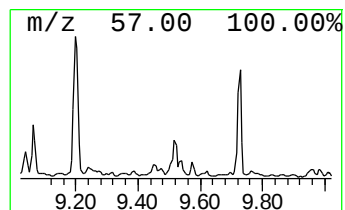
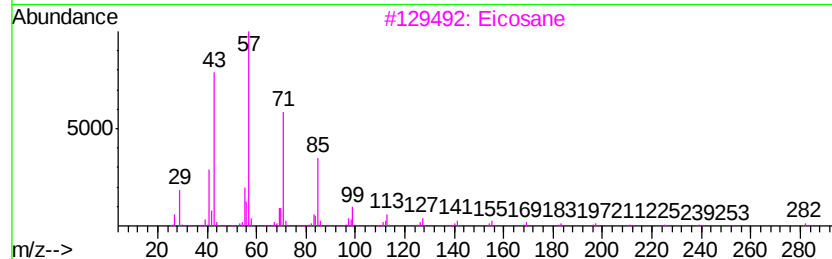
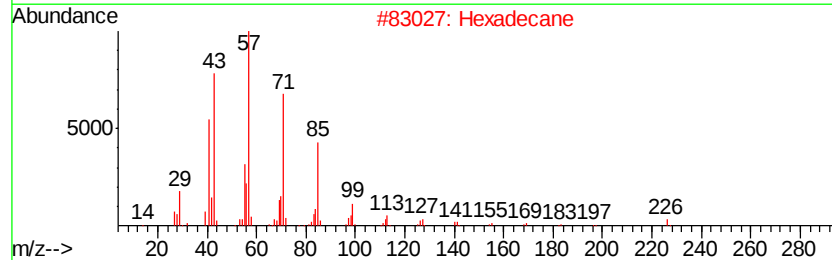
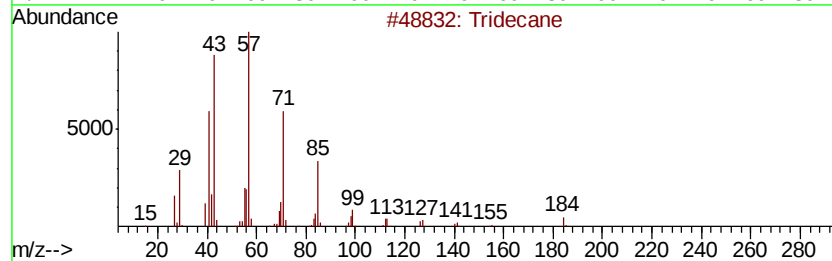
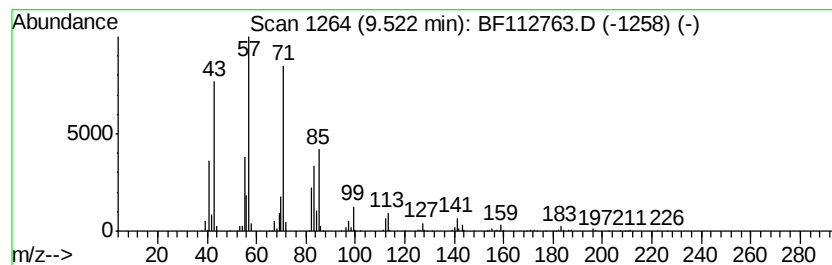
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	22.32 ng	2142260	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Hexadecane	226	C16H34	000544-76-3	62
3		Eicosane	282	C20H42	000112-95-8	58
4		Decane, 5-propyl-	184	C13H28	017312-62-8	58
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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Sample : K1341-09 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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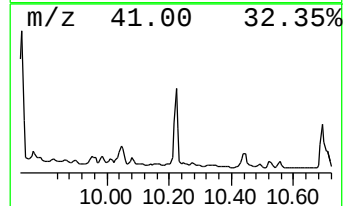
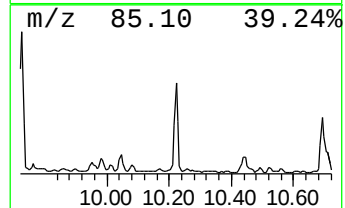
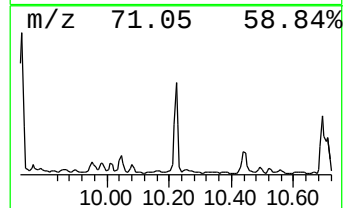
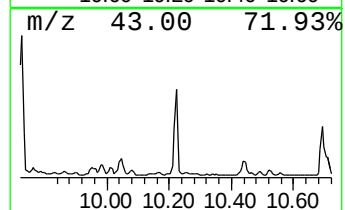
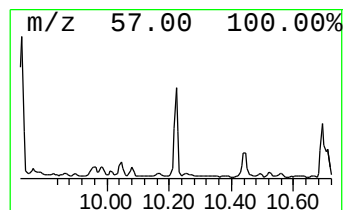
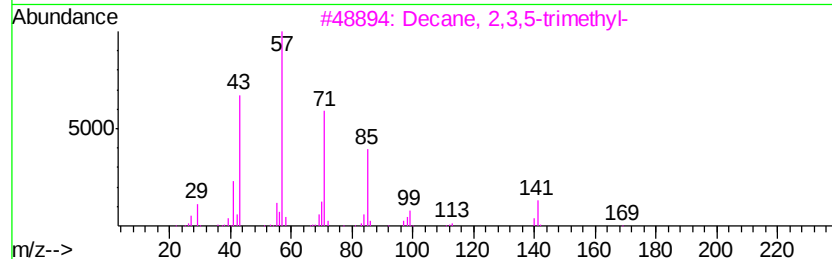
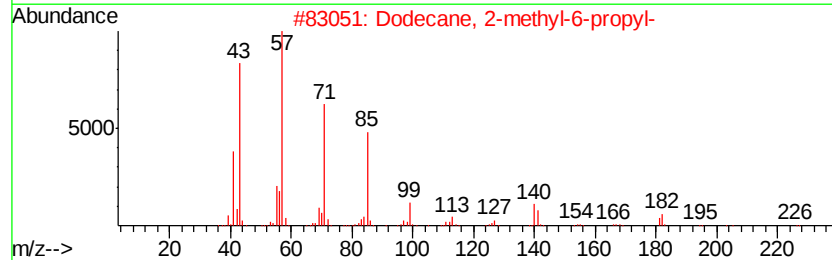
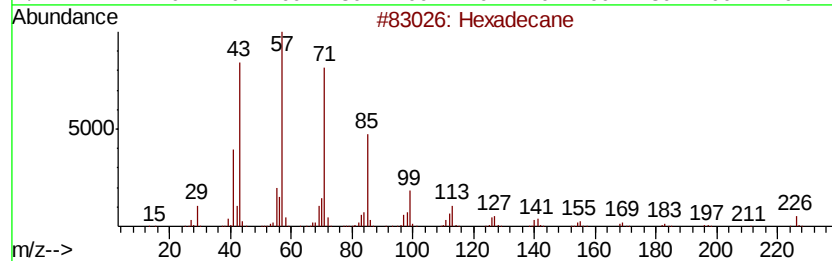
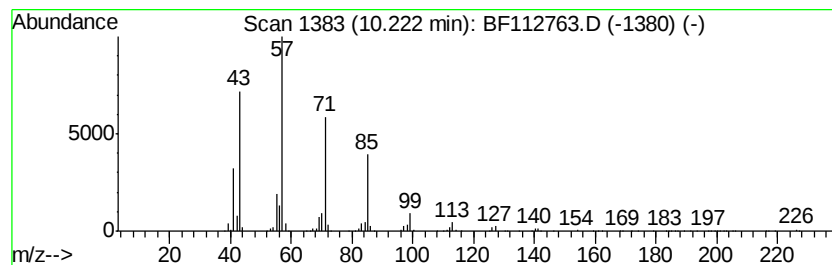
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	17.22 ng	1653180	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Tetradecane	198	C14H30	000629-59-4	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112763.D
Acq On : 28 Feb 2019 15:36
Operator : JU/SJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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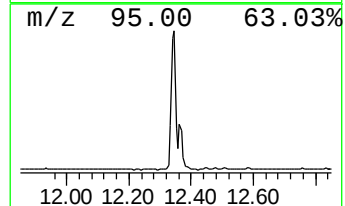
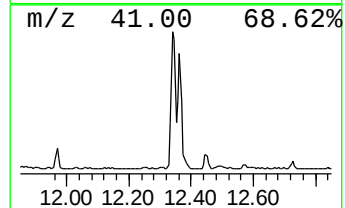
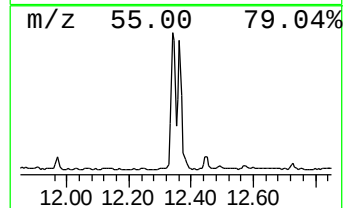
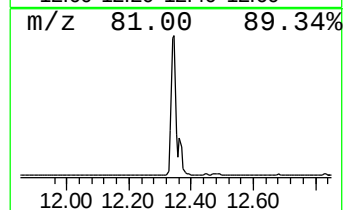
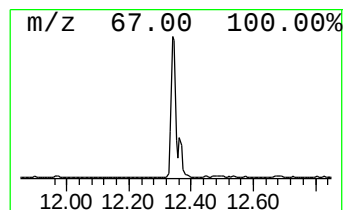
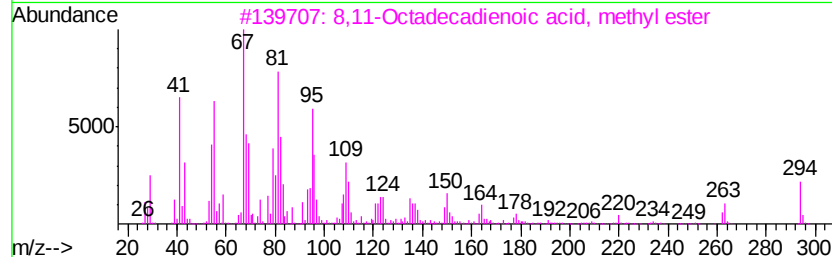
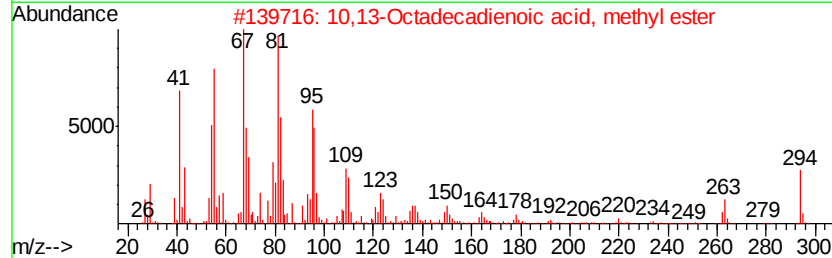
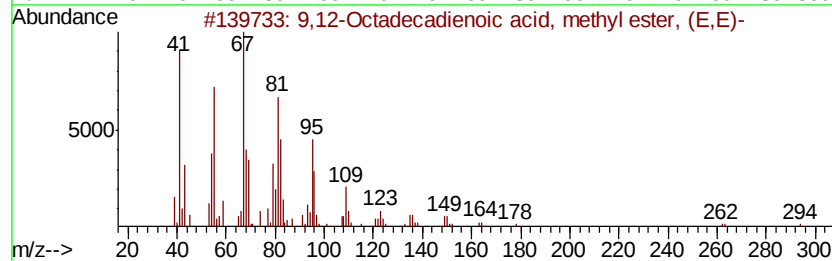
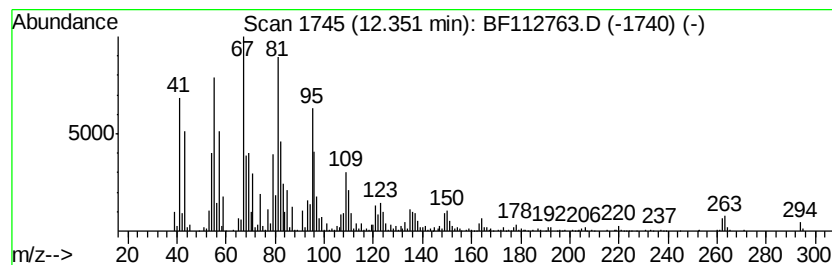
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	29.22 ng	2134340	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		8,11-Octadecadienoic acid, methv...	294	C19H34O2	056599-58-7	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
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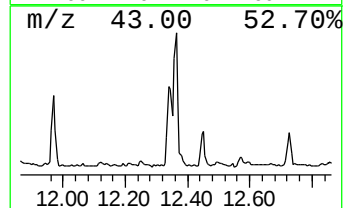
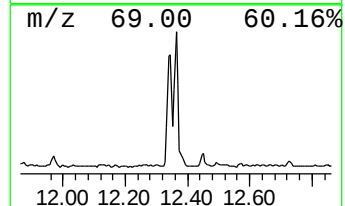
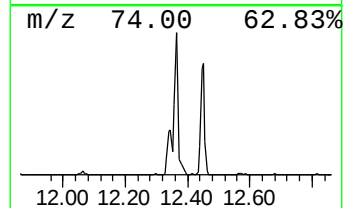
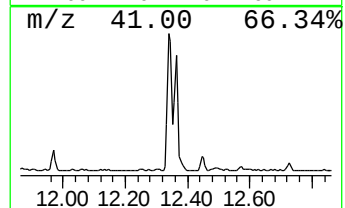
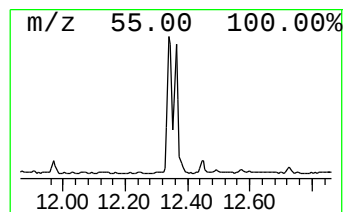
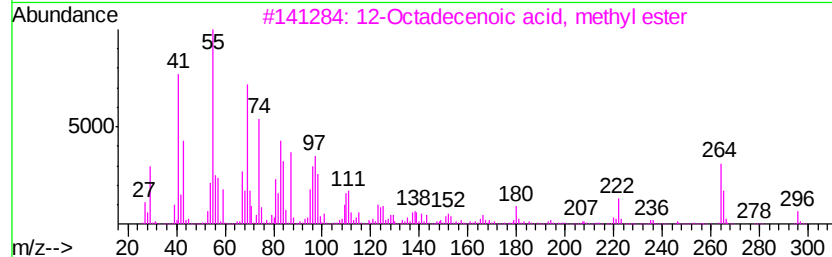
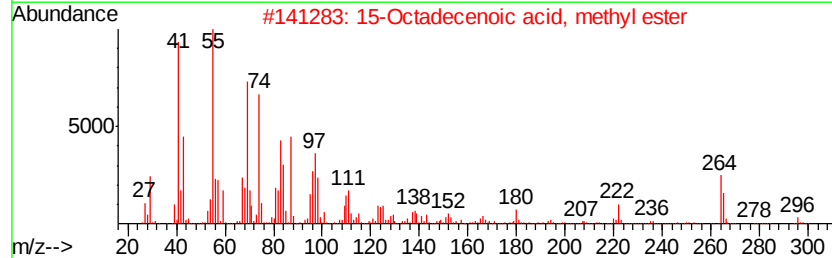
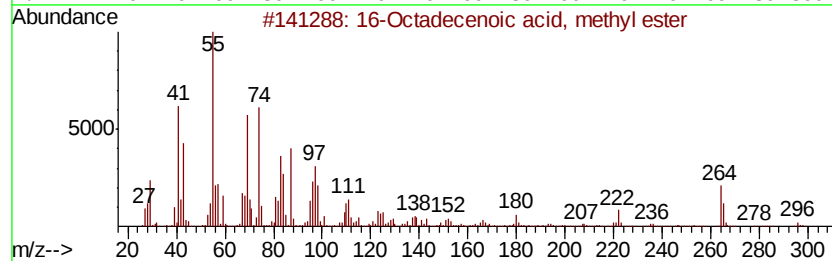
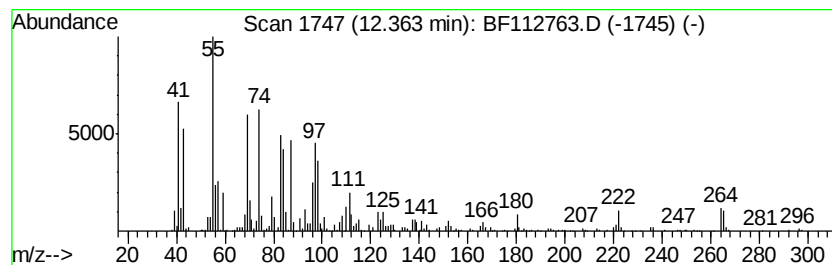
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	21.18 ng	1547470	Phenanthrene-d10	11.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	94
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	93
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	90
5			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022819\
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 HR-06-022719-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
Cyclohexane, propyl-	6.00	12.3	ng	766336	1	6.75	1251650	20.0
Isobutyl nonyl ca...	6.20	10.9	ng	680464	1	6.75	1251650	20.0
Hydroxylamine, 0-...	6.29	26.9	ng	1682850	1	6.75	1251650	20.0
unknown6.51	6.51	29.1	ng	1824430	1	6.75	1251650	20.0
Mesitylene	6.57	22.1	ng	1386130	1	6.75	1251650	20.0
Decane	6.60	66.1	ng	4138640	1	6.75	1251650	20.0
Benzene, 1,2,3-tr...	6.81	17.7	ng	1109540	1	6.75	1251650	20.0
Benzene, 1-methyl...	7.03	27.6	ng	1727310	1	6.75	1251650	20.0
Decane, 2-methyl-	7.10	19.4	ng	1213700	1	6.75	1251650	20.0
unknown7.15	7.15	33.8	ng	2112870	1	6.75	1251650	20.0
Undecane	7.36	96.6	ng	6042870	1	6.75	1251650	20.0
Heptylcyclohexane	8.95	11.5	ng	1101190	3	9.77	1919980	20.0
Tridecane	9.52	22.3	ng	2142260	3	9.77	1919980	20.0
Hexadecane	10.22	17.2	ng	1653180	3	9.77	1919980	20.0
9,12-Octadecadien...	12.35	29.2	ng	2134340	4	11.25	1460990	20.0
16-Octadecenoic a...	12.36	21.2	ng	1547470	4	11.25	1460990	20.0