

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112401.D
 Acq On : 5 Feb 2019 17:43
 Operator : JU/SJ
 Sample : K1341-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.463	571	574	590	rBV	681949	729122	9.52%	0.627%
2	6.363	724	727	729	rBV2	354305	360907	4.71%	0.310%
3	6.434	734	739	743	rBV2	196893	278119	3.63%	0.239%
4	6.475	743	746	752	rBV	730675	901275	11.77%	0.775%
5	6.575	758	763	766	rBV2	153023	256176	3.34%	0.220%
6	6.604	766	768	774	rVB	945181	973397	12.71%	0.837%
7	6.669	774	779	782	rBV2	2075499	2193847	28.64%	1.886%
8	6.833	803	807	814	rVB3	1215550	1697678	22.16%	1.460%
9	6.892	814	817	821	rBV2	563992	581268	7.59%	0.500%
10	6.986	829	833	836	rVV2	1119723	1313159	17.14%	1.129%
11	7.110	851	854	856	rVB	1013772	879533	11.48%	0.756%
12	7.151	856	861	863	rBV2	829939	1040881	13.59%	0.895%
13	7.169	863	864	869	rVB	672360	577064	7.53%	0.496%
14	7.222	869	873	877	rBV2	1093413	1230660	16.07%	1.058%
15	7.298	883	886	888	rBV	265311	244254	3.19%	0.210%
16	7.322	888	890	893	rVV	360277	267940	3.50%	0.230%
17	7.369	893	898	900	rVV3	880128	1140201	14.88%	0.980%
18	7.392	900	902	904	rVV2	672704	688426	8.99%	0.592%
19	7.433	905	909	912	rVB	5146367	4794131	62.58%	4.122%
20	7.481	912	917	920	rVB4	881843	1211062	15.81%	1.041%
21	7.516	920	923	925	rBV3	438351	560571	7.32%	0.482%
22	7.545	925	928	932	rVV2	559494	661134	8.63%	0.568%
23	7.586	932	935	937	rVV2	306783	367916	4.80%	0.316%
24	7.610	937	939	941	rVV3	595238	685727	8.95%	0.590%
25	7.633	941	943	947	rVV2	817511	1013206	13.23%	0.871%
26	7.733	958	960	962	rBV2	625508	456044	5.95%	0.392%
27	7.757	962	964	968	rVB3	656301	810386	10.58%	0.697%
28	7.804	968	972	974	rVB3	691187	803480	10.49%	0.691%
29	7.833	974	977	979	rBV	1217079	1006865	13.14%	0.866%
30	7.869	979	983	988	rVB5	1278560	1976977	25.81%	1.700%
31	7.910	988	990	992	rBV	734024	621288	8.11%	0.534%
32	7.933	992	994	996	rVV2	444462	335234	4.38%	0.288%
33	7.957	996	998	1000	rVB	887182	667319	8.71%	0.574%
34	7.986	1000	1003	1007	rBV2	457607	467004	6.10%	0.402%

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35	8.057	1012	1015	1016	rBV2	354127	385554	5.03%	0.332%
36	8.069	1016	1017	1019	rVV	391865	349737	4.57%	0.301%
37	8.104	1019	1023	1027	rVV2	6915246	7660428	100.00%	6.587%
38	8.139	1027	1029	1031	rVV2	639463	649292	8.48%	0.558%
39	8.180	1031	1036	1038	rVB2	2082323	2235863	29.19%	1.923%
40	8.204	1038	1040	1043	rBV3	551374	517036	6.75%	0.445%
41	8.269	1048	1051	1053	rBV3	336517	399895	5.22%	0.344%
42	8.316	1057	1059	1062	rVB2	570153	574512	7.50%	0.494%
43	8.410	1070	1075	1081	rBV4	1695226	2023507	26.42%	1.740%
44	8.463	1081	1084	1086	rBV2	886567	703354	9.18%	0.605%
45	8.492	1086	1089	1093	rVB3	1393257	1335429	17.43%	1.148%
46	8.539	1093	1097	1099	rBV	2537003	2358617	30.79%	2.028%
47	8.557	1099	1100	1102	rVB	440349	271727	3.55%	0.234%
48	8.580	1102	1104	1107	rVB3	396368	360310	4.70%	0.310%
49	8.622	1107	1111	1114	rBV2	1487374	1283338	16.75%	1.104%
50	8.657	1114	1117	1119	rBV3	333735	396998	5.18%	0.341%
51	8.680	1119	1121	1122	rBV	373832	264673	3.46%	0.228%
52	8.716	1122	1127	1130	rVB	6489369	5766241	75.27%	4.958%
53	8.775	1134	1137	1139	rVV2	847717	841342	10.98%	0.723%
54	8.804	1139	1142	1145	rVB3	667167	576986	7.53%	0.496%
55	8.833	1145	1147	1149	rVB	937547	707337	9.23%	0.608%
56	8.892	1155	1157	1160	rBV3	304501	437059	5.71%	0.376%
57	8.939	1160	1165	1167	rBV2	980720	1270610	16.59%	1.093%
58	8.992	1172	1174	1175	rVV	495982	434674	5.67%	0.374%
59	9.022	1177	1179	1181	rVV2	808664	932646	12.17%	0.802%
60	9.069	1184	1187	1191	rVB3	912023	1184595	15.46%	1.019%
61	9.110	1191	1194	1196	rBV	714925	561517	7.33%	0.483%
62	9.139	1196	1199	1204	rVB2	2007450	1921925	25.09%	1.653%
63	9.186	1204	1207	1210	rVB	1150268	882715	11.52%	0.759%
64	9.274	1218	1222	1227	rBV	5056100	5356114	69.92%	4.606%
65	9.345	1232	1234	1236	rVV	692254	579175	7.56%	0.498%
66	9.386	1239	1241	1245	rVB4	351395	345099	4.50%	0.297%
67	9.463	1250	1254	1257	rVB4	542389	652117	8.51%	0.561%
68	9.504	1258	1261	1263	rBV2	321318	372154	4.86%	0.320%
69	9.527	1263	1265	1267	rVV	952390	881065	11.50%	0.758%
70	9.551	1267	1269	1272	rVV3	646130	747412	9.76%	0.643%
71	9.592	1272	1276	1278	rVV3	2068643	2260823	29.51%	1.944%

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72	9.610	1278	1279	1283	rVB2	639641	539452	7.04%	0.464%
73	9.651	1283	1286	1288	rBV	678354	508542	6.64%	0.437%
74	9.804	1306	1312	1315	rVV	4081004	3468549	45.28%	2.983%
75	9.851	1316	1320	1321	rBV4	507180	592286	7.73%	0.509%
76	9.874	1321	1324	1327	rVV	1416410	1313995	17.15%	1.130%
77	9.974	1338	1341	1346	rVB	297255	334256	4.36%	0.287%
78	10.033	1347	1351	1353	rBV3	232201	348544	4.55%	0.300%
79	10.057	1353	1355	1359	rVV3	272383	420401	5.49%	0.361%
80	10.116	1362	1365	1370	rVB6	565218	779618	10.18%	0.670%
81	10.186	1374	1377	1380	rBV4	273986	334383	4.37%	0.288%
82	10.298	1390	1396	1399	rBV	2656072	2252050	29.40%	1.936%
83	10.516	1428	1433	1439	rVB	642690	842637	11.00%	0.725%
84	10.663	1455	1458	1468	rVB2	480240	585144	7.64%	0.503%
85	10.769	1473	1476	1485	rVB	1605048	2026797	26.46%	1.743%
86	11.216	1549	1552	1554	rBV	830218	634512	8.28%	0.546%
87	11.245	1554	1557	1562	rVB	375654	391550	5.11%	0.337%
88	11.357	1572	1576	1579	rBV	1326386	1124625	14.68%	0.967%
89	11.639	1621	1624	1627	rBV	458132	374686	4.89%	0.322%
90	11.721	1635	1638	1639	rBV	248283	231748	3.03%	0.199%
91	11.739	1639	1641	1645	rVB	2400404	2003208	26.15%	1.723%
92	12.045	1690	1693	1698	rVB	310074	261986	3.42%	0.225%
93	12.433	1753	1759	1760	rBV	5994463	6332953	82.67%	5.446%
94	12.451	1760	1762	1768	rVV	6177126	6355410	82.96%	5.465%
95	12.533	1772	1776	1780	rVB	1002777	847835	11.07%	0.729%
96	12.586	1780	1785	1789	rBV3	138284	262527	3.43%	0.226%
97	12.933	1841	1844	1848	rBV	853604	748004	9.76%	0.643%
98	13.998	2022	2025	2029	rBV	1052806	954257	12.46%	0.821%
99	14.874	2170	2174	2184	rVB	195415	327569	4.28%	0.282%
100	15.468	2271	2275	2280	rVB	671494	824830	10.77%	0.709%

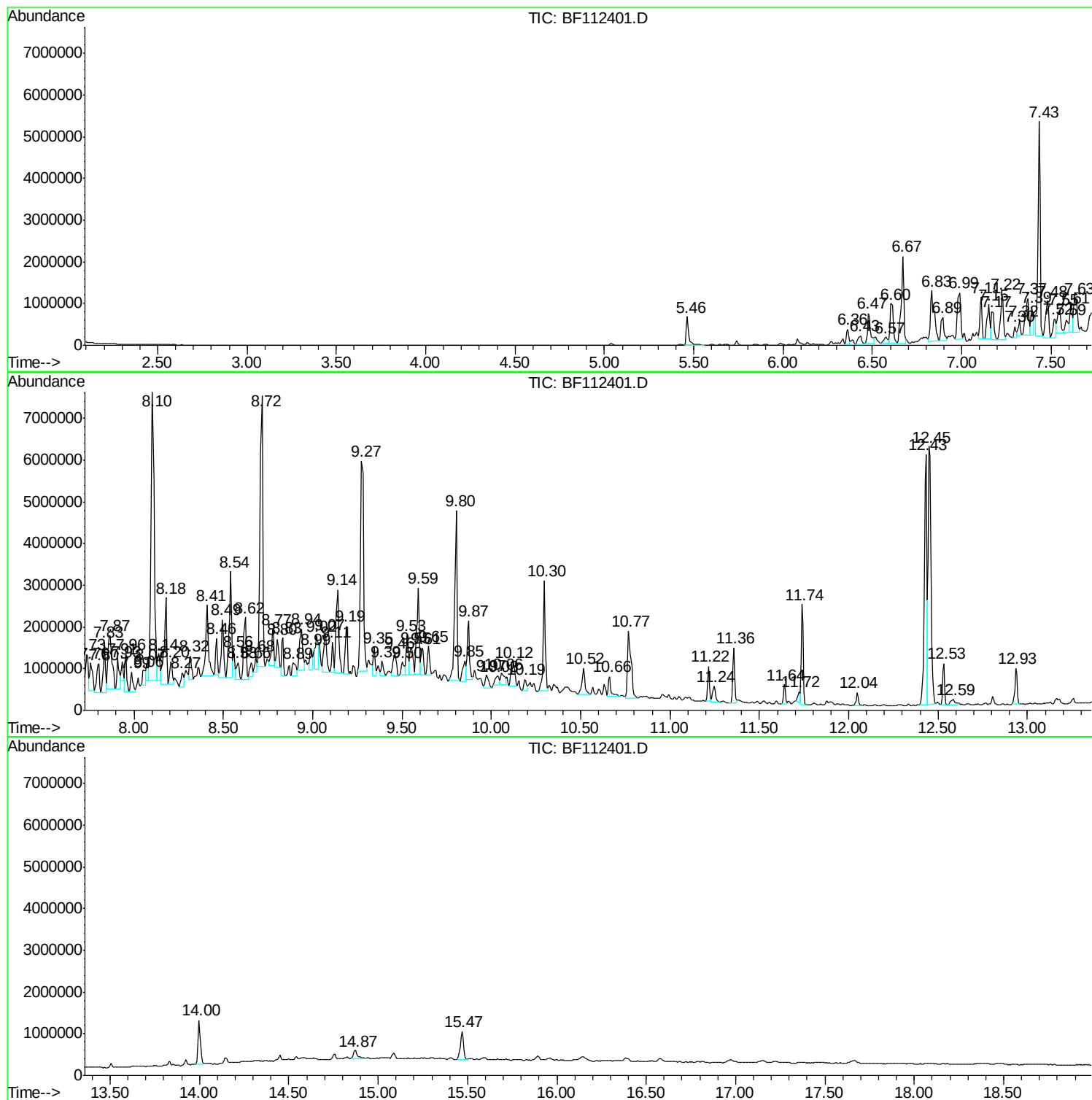
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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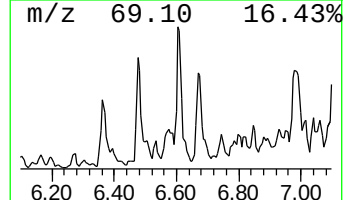
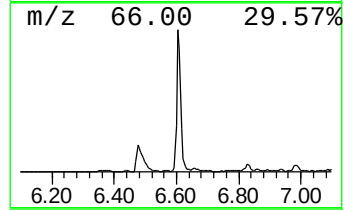
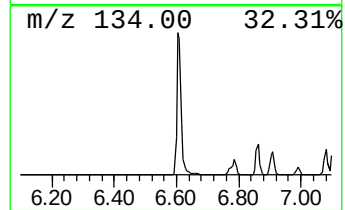
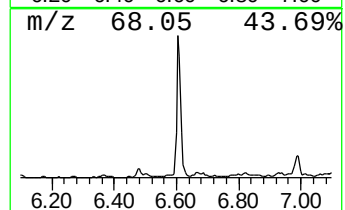
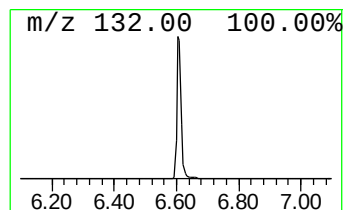
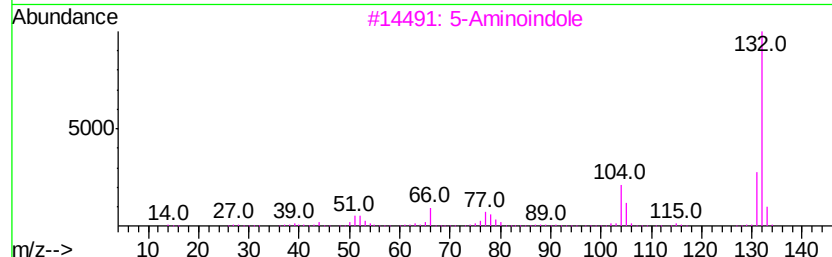
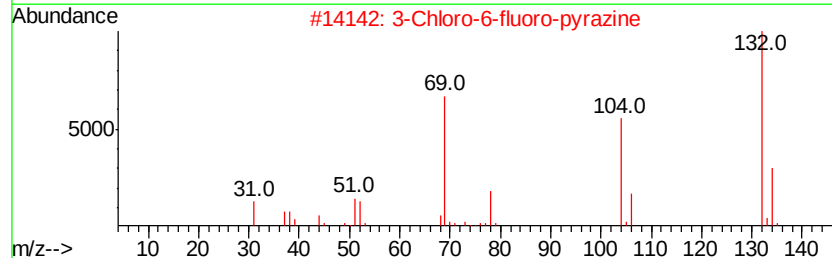
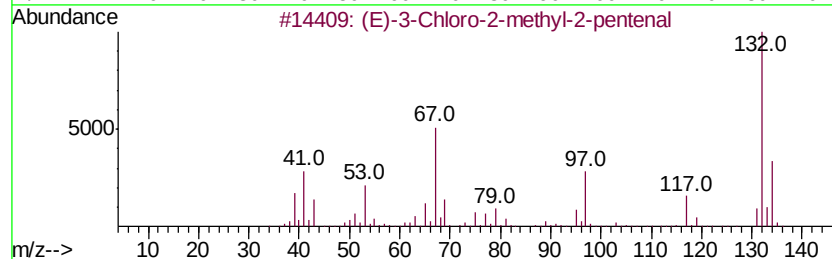
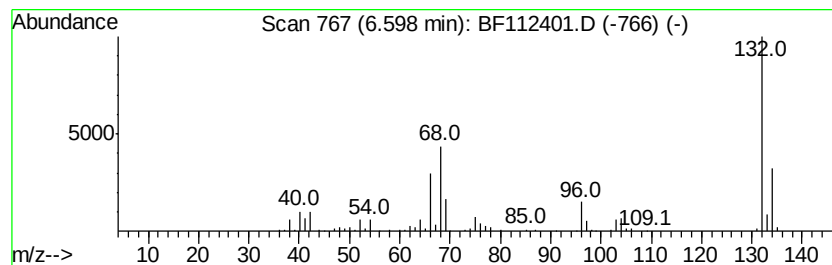
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	11.47 ng	973397	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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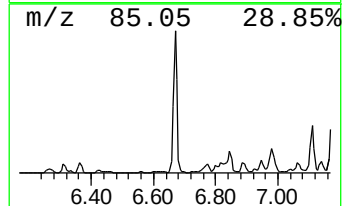
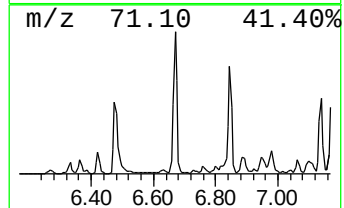
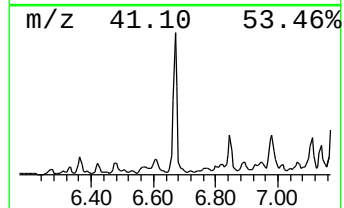
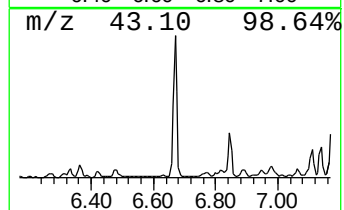
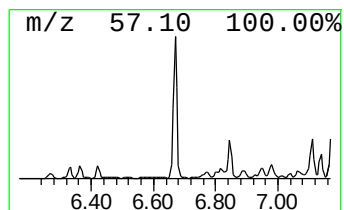
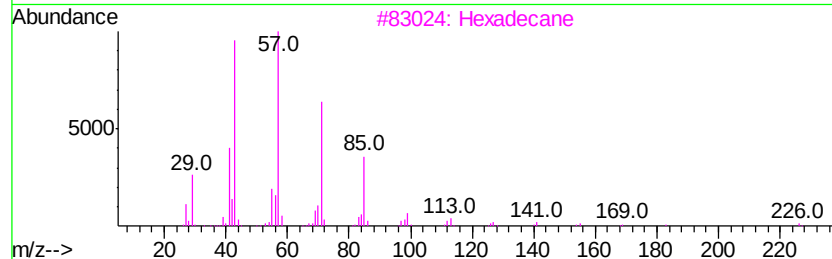
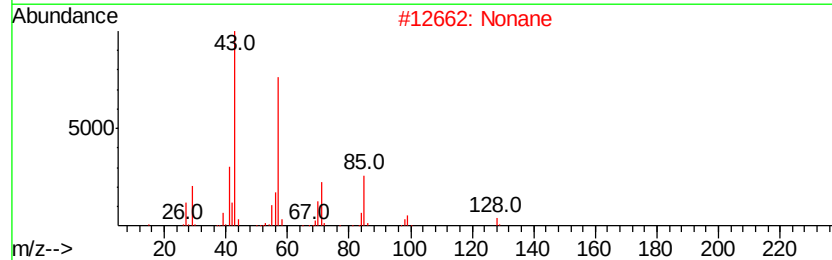
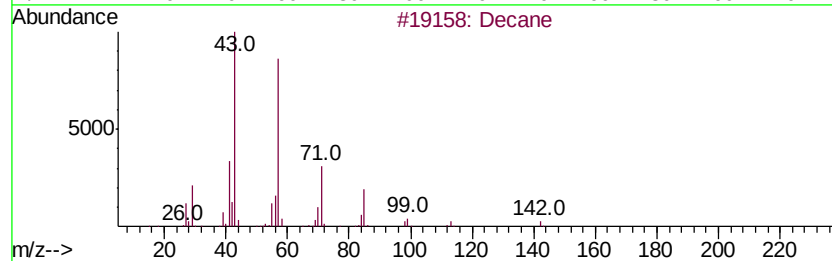
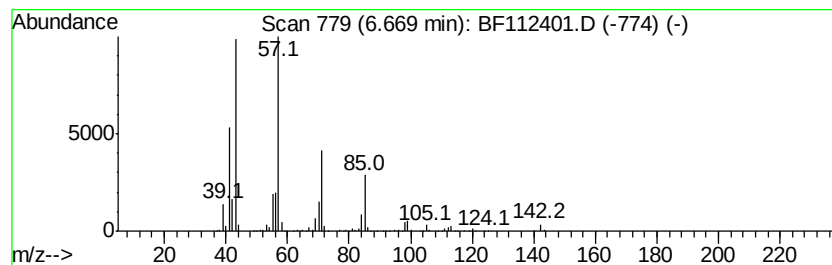
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	25.85 ng	2193850	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Nonane	128	C9H20	000111-84-2	80
3		Hexadecane	226	C16H34	000544-76-3	78
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
5		Tridecane	184	C13H28	000629-50-5	72



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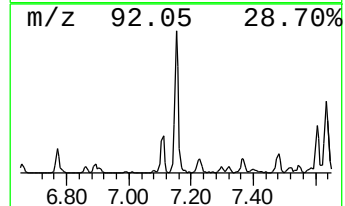
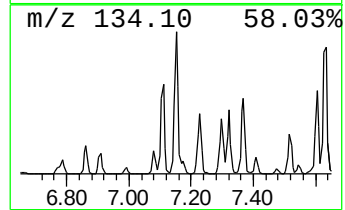
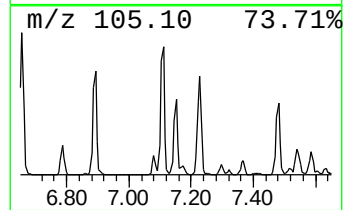
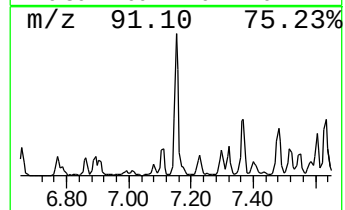
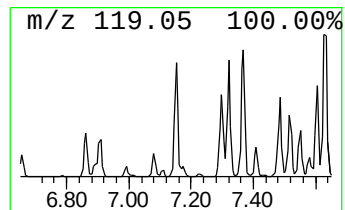
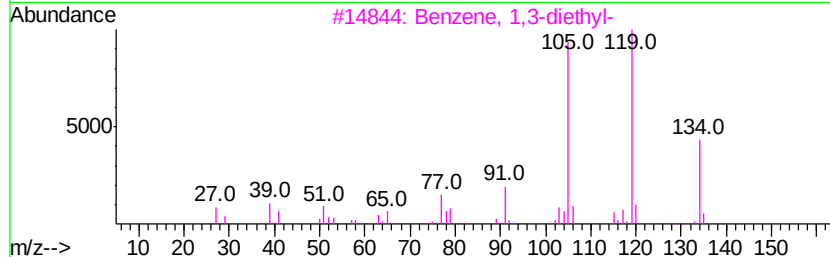
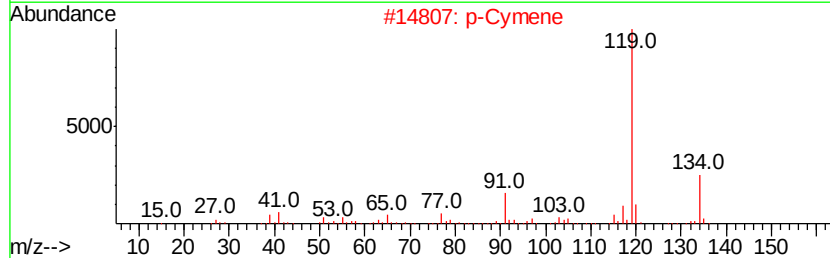
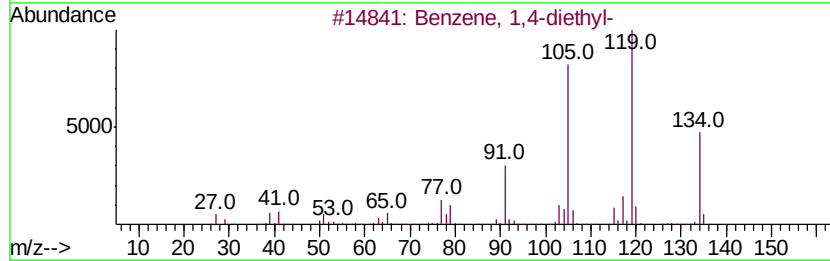
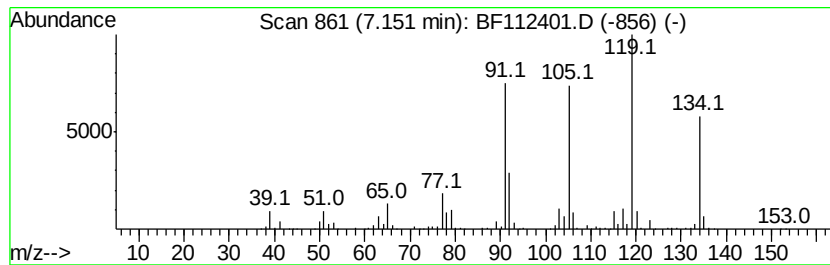
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	12.26 ng	1040880	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		p-Cymene	134	C10H14	000099-87-6	93
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87



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Sample : K1341-05 5X
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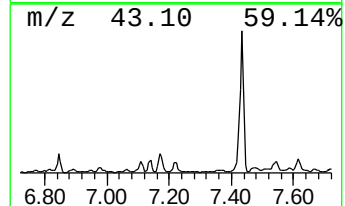
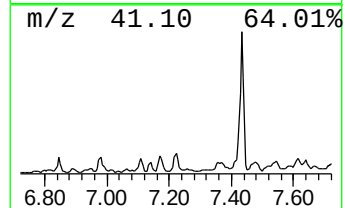
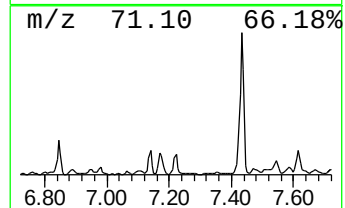
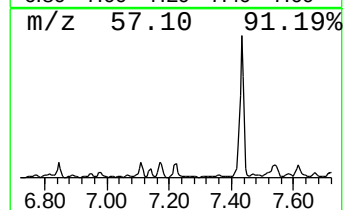
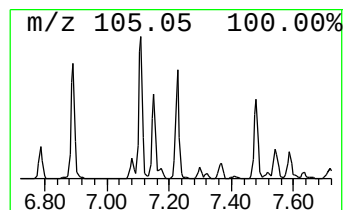
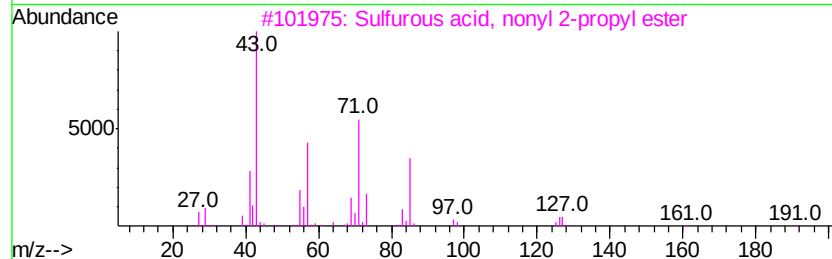
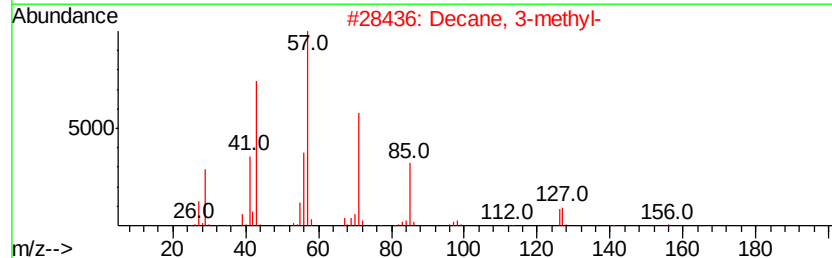
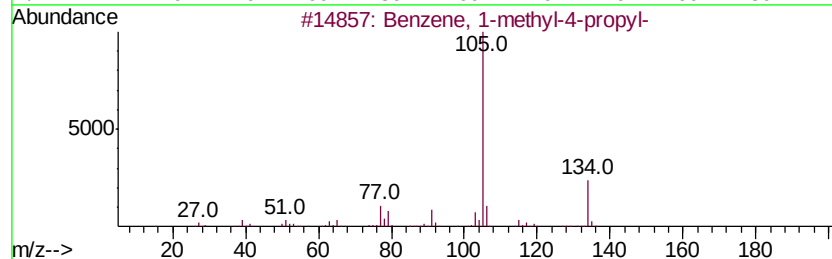
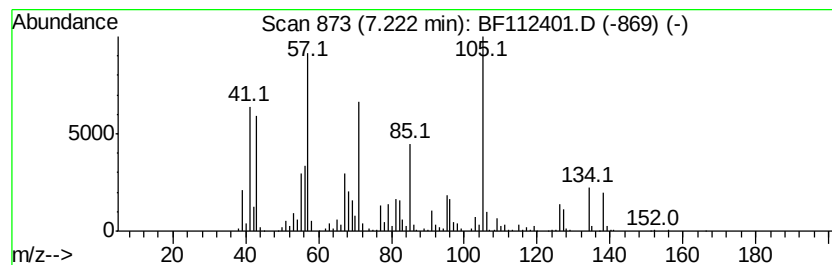
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	14.50 ng	1230660	1,4-Dichlorobenzene-d4	6.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-methyl-4-propyl-	134 C10H14	001074-55-1 56
2		Decane, 3-methyl-	156 C11H24	013151-34-3 42
3		Sulfurous acid, nonyl 2-propyl e...	250 C12H26O3S	1000309-12-0 38
4		Cyclohexanol, 5-methyl-2-(1-meth...	156 C10H20O	002216-52-6 38
5		Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8 38



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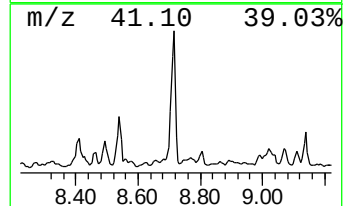
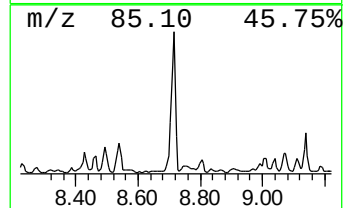
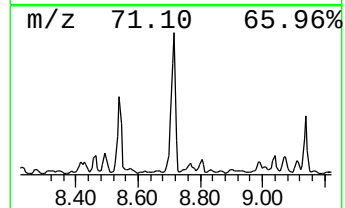
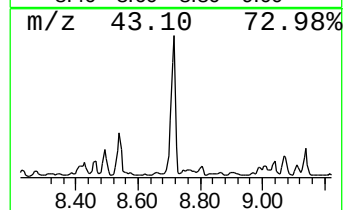
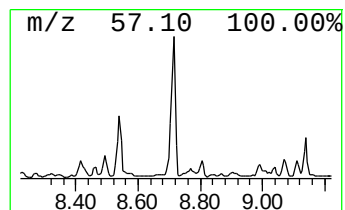
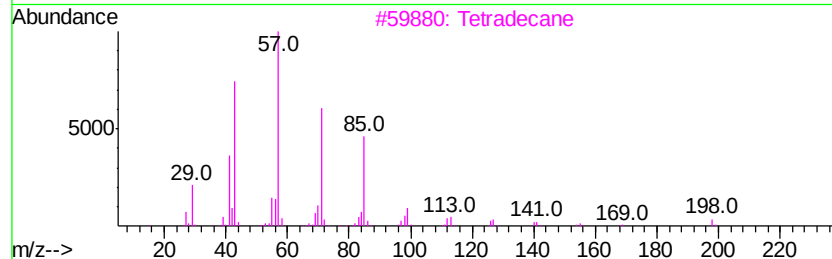
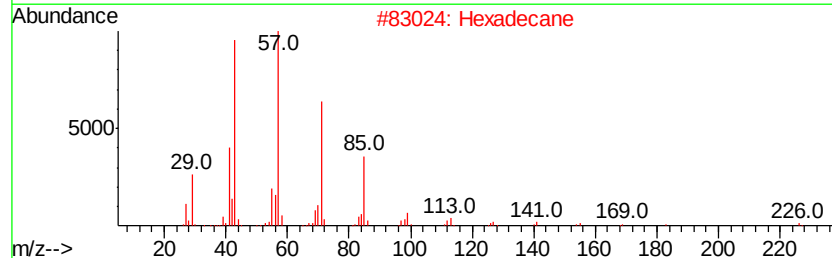
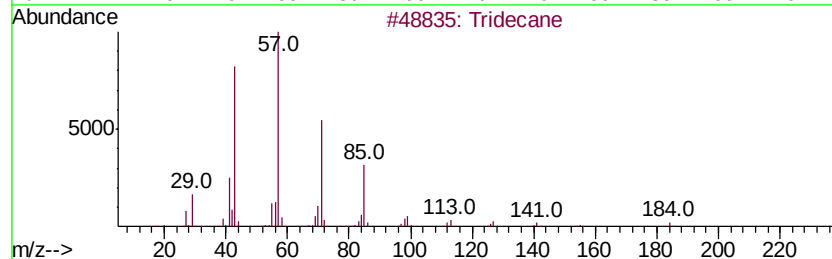
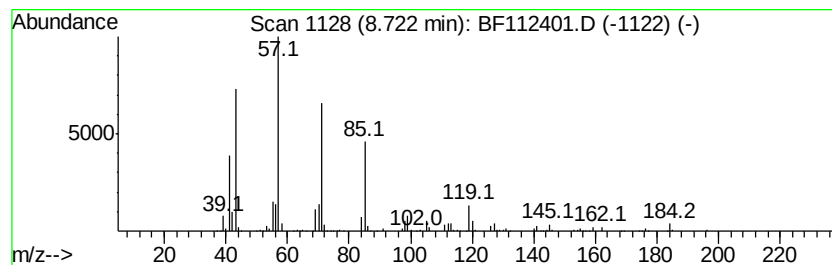
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	15.05 ng	5766240	Napthalene-d8	8.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Hexadecane		226	C16H34	000544-76-3	91
3	Tetradecane		198	C14H30	000629-59-4	90
4	Decane, 3-bromo-		220	C10H21Br	030571-71-2	72
5	Decane, 2,3,6-trimethyl-		184	C13H28	062238-12-4	72



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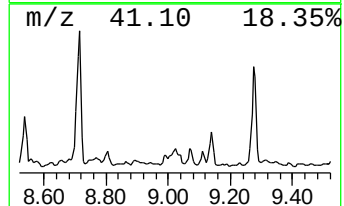
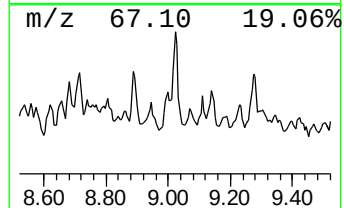
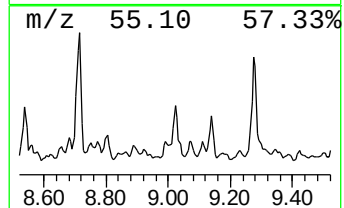
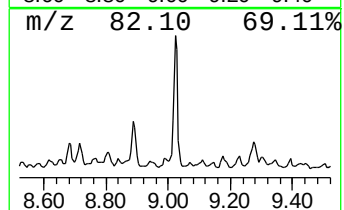
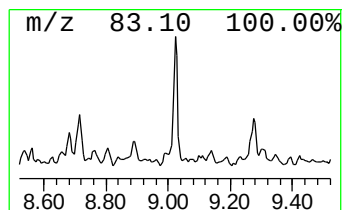
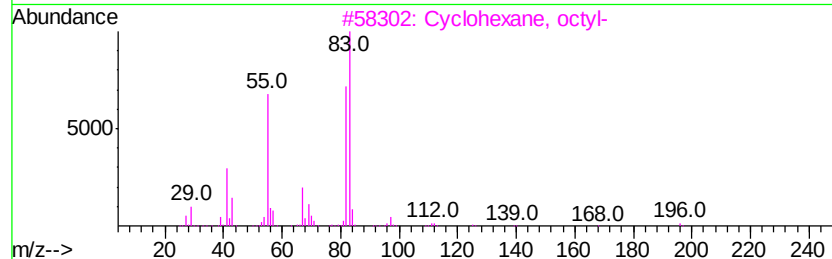
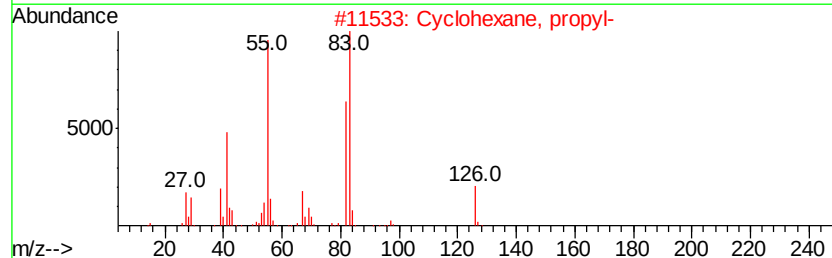
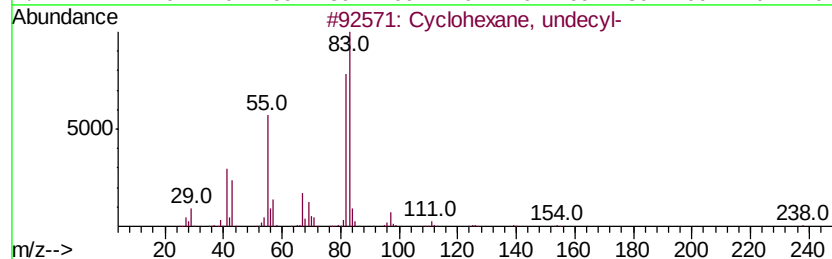
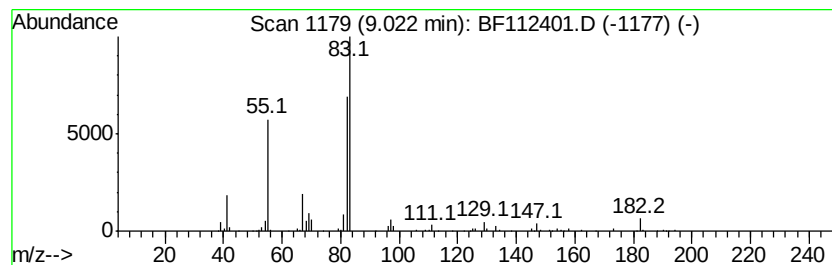
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, undecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	14.20 ng	932646	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	78
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
5		Heptylcyclohexane	182	C13H26	005617-41-4	72



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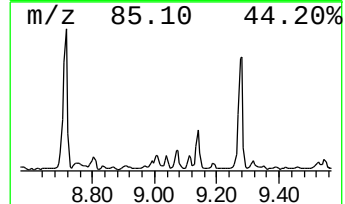
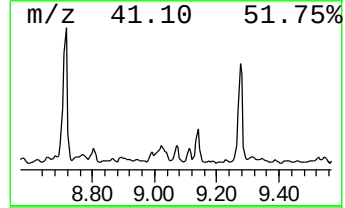
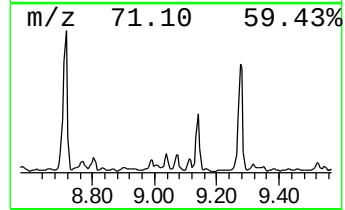
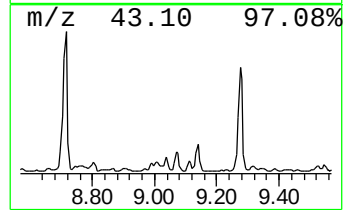
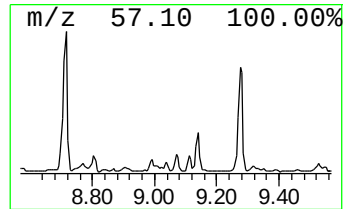
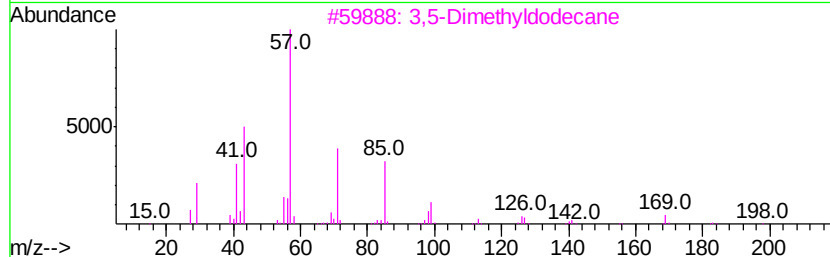
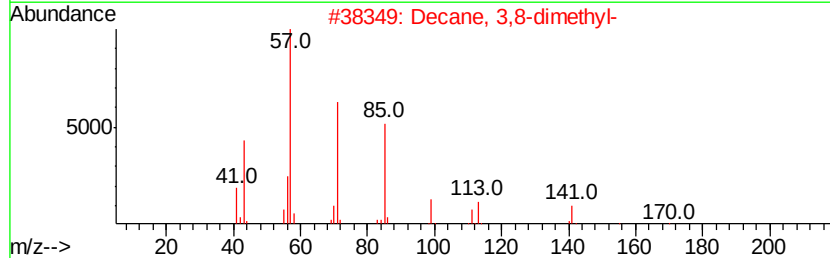
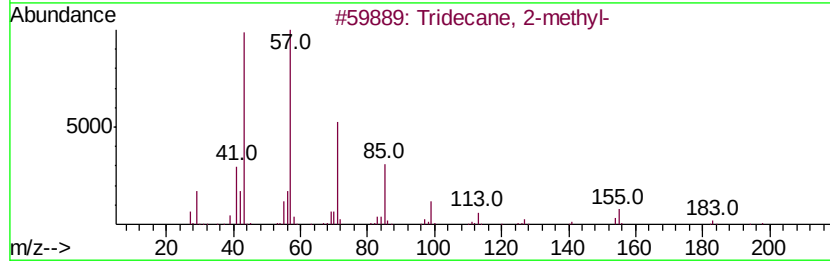
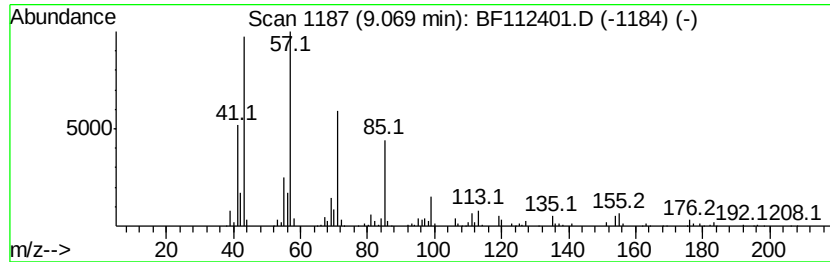
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	18.03 ng	1184600	Acenaphthene-d10	9.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Decane, 3-methyl-	156	C11H24	013151-34-3	68



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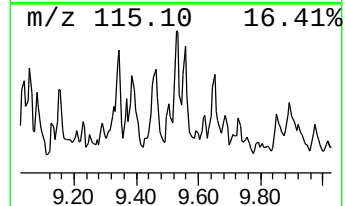
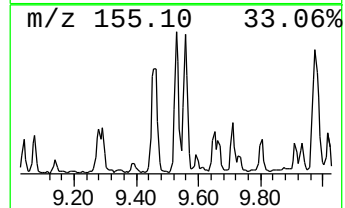
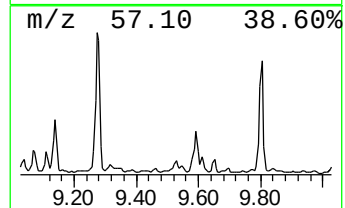
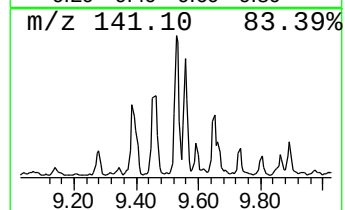
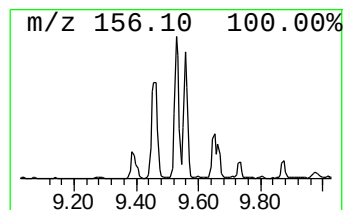
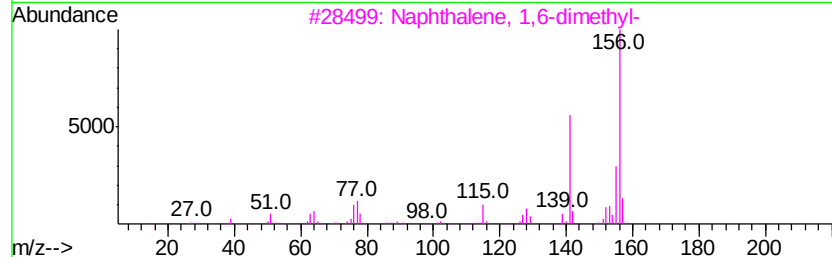
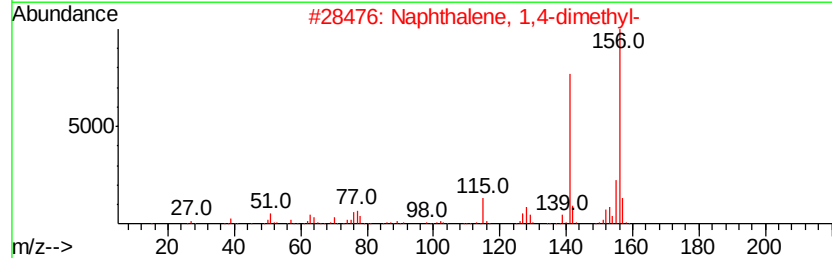
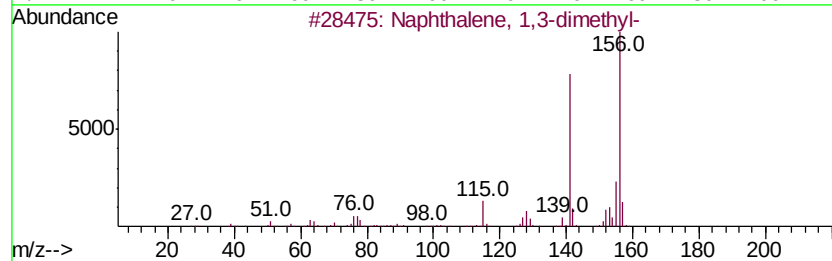
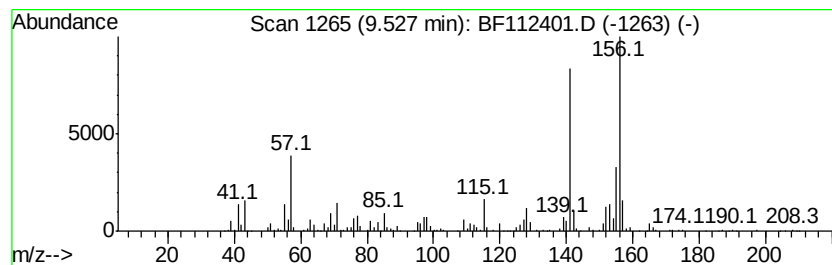
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	13.41 ng	881065	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95



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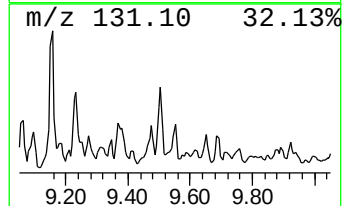
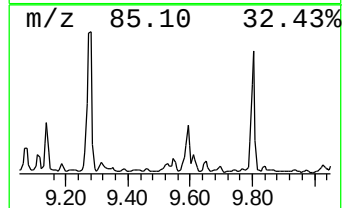
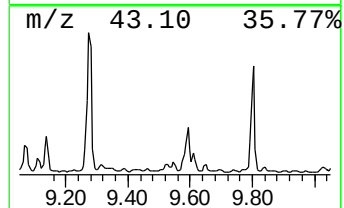
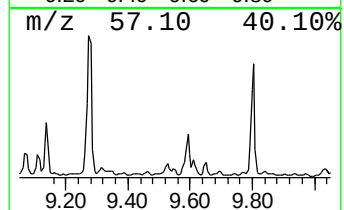
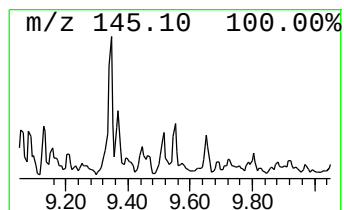
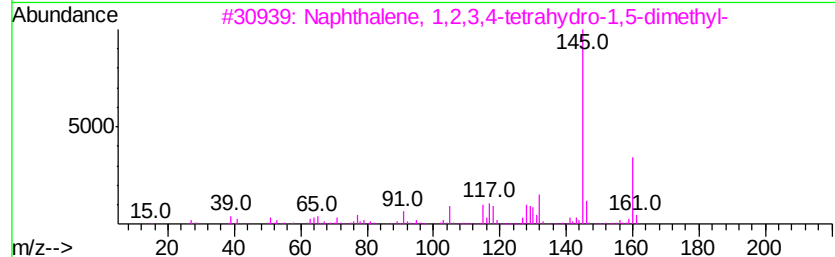
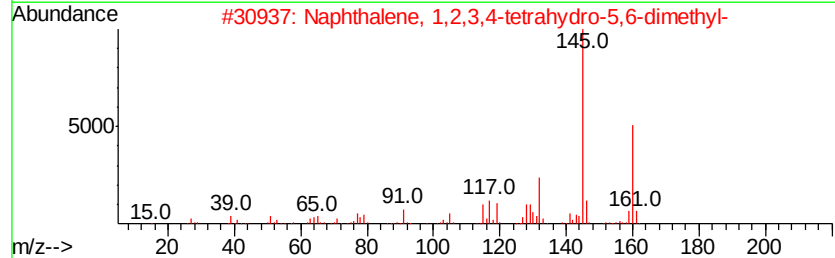
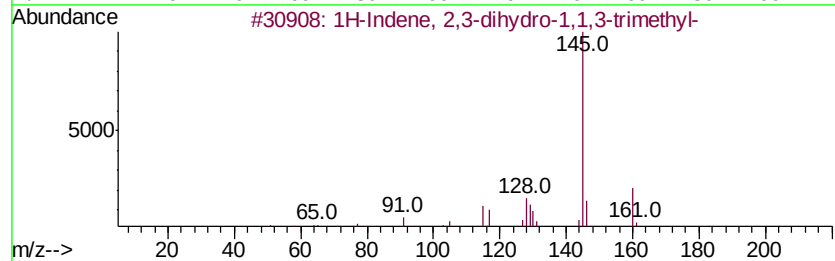
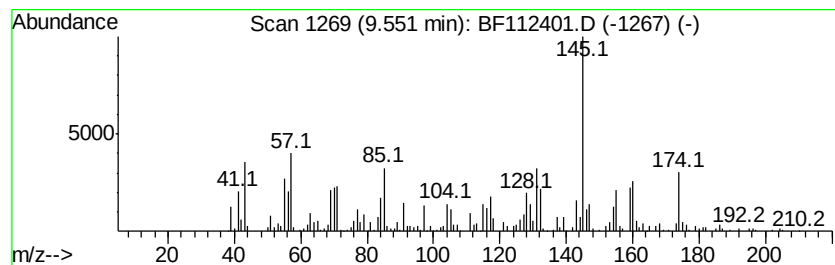
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	11.38 ng	747412	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 50
2		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	020027-77-4 46
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 45
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 45
5		1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160 C10H12N2	027257-18-7 45



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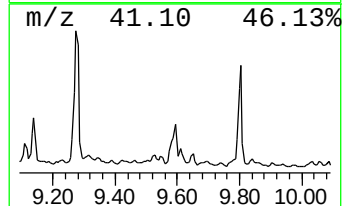
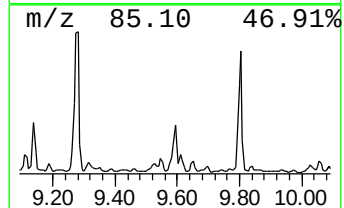
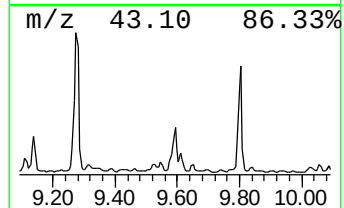
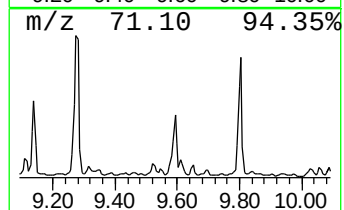
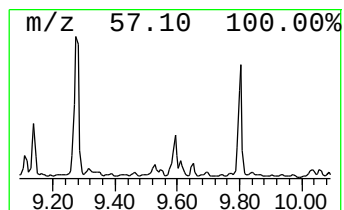
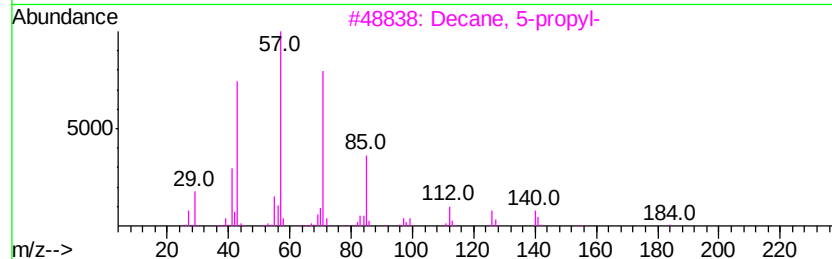
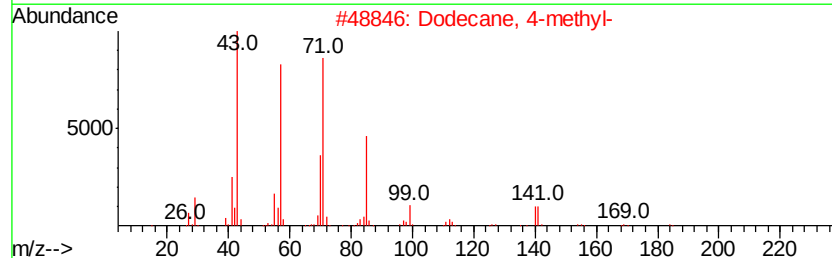
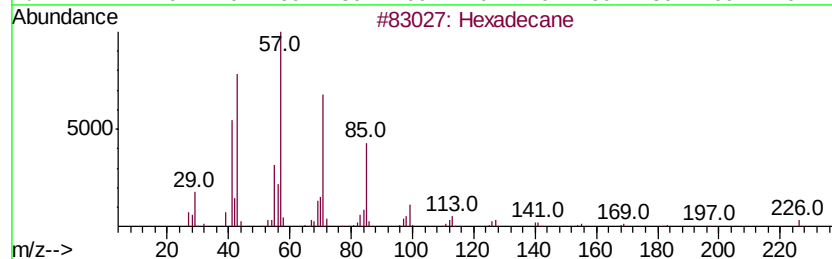
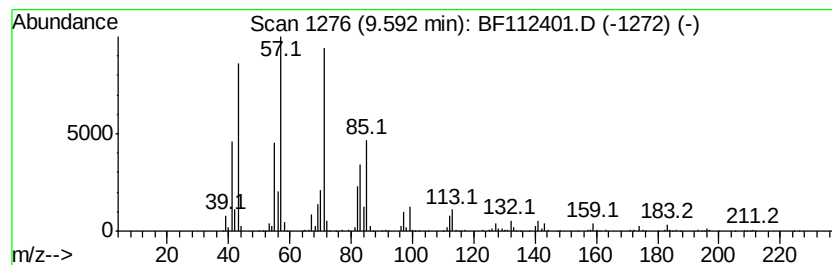
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	34.41 ng	2260820	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	72
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
3		Decane, 5-propyl-	184	C13H28	017312-62-8	58
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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Acq On : 5 Feb 2019 17:43
Operator : JU/SJ
Sample : K1341-05 5X
Misc :
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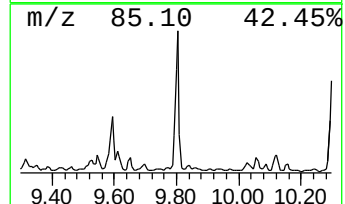
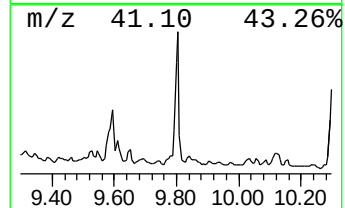
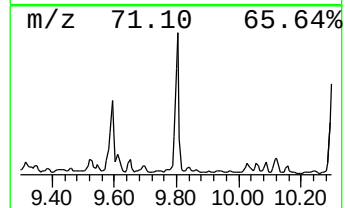
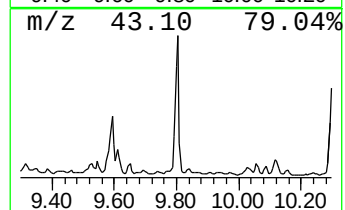
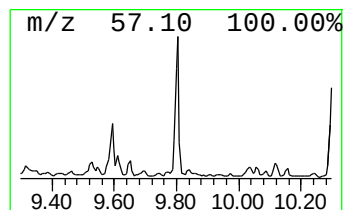
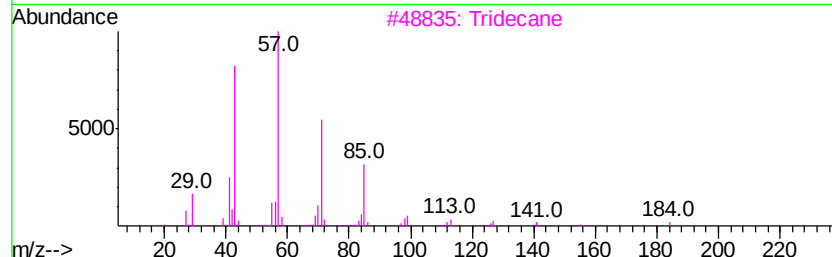
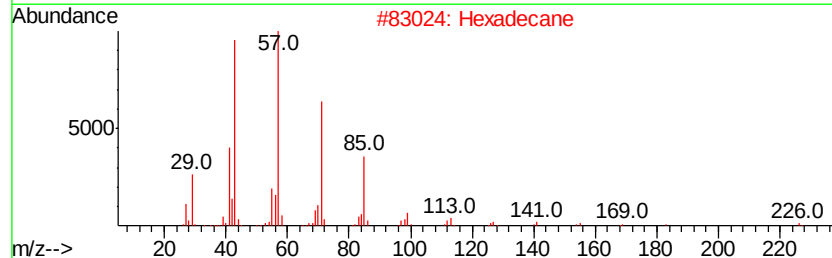
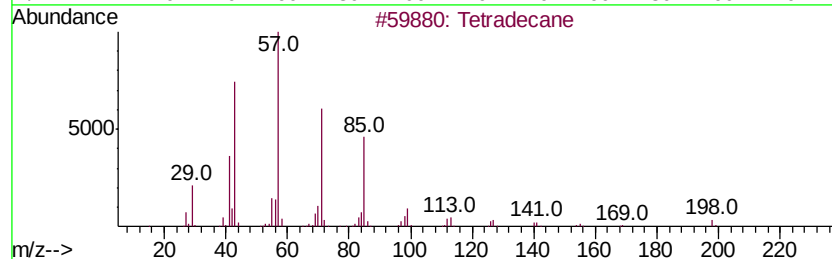
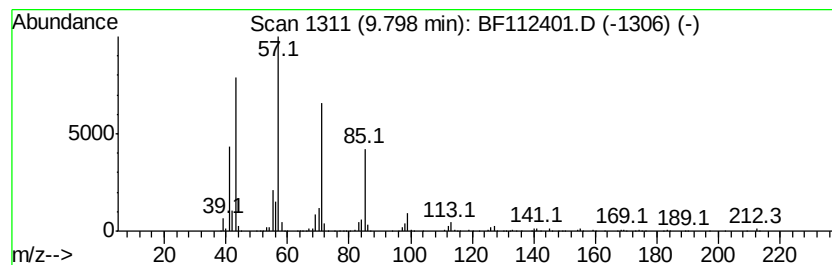
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	52.79 ng	3468550	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Hexadecane	226 C16H34	000544-76-3 80
3		Tridecane	184 C13H28	000629-50-5 72
4		Bacchotricuneatin c	342 C20H22O5	066563-30-2 62
5		Undecane	156 C11H24	001120-21-4 59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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ClientSampleId :
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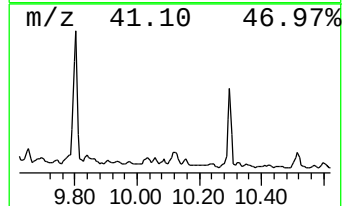
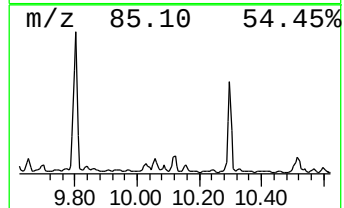
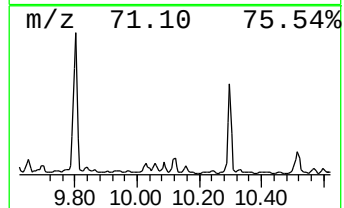
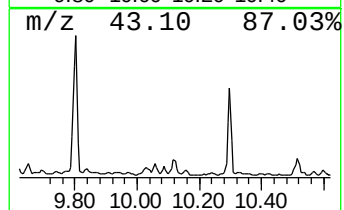
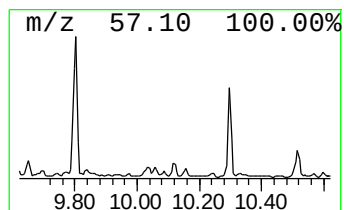
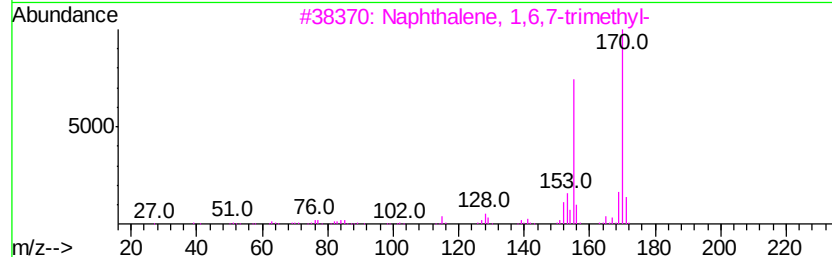
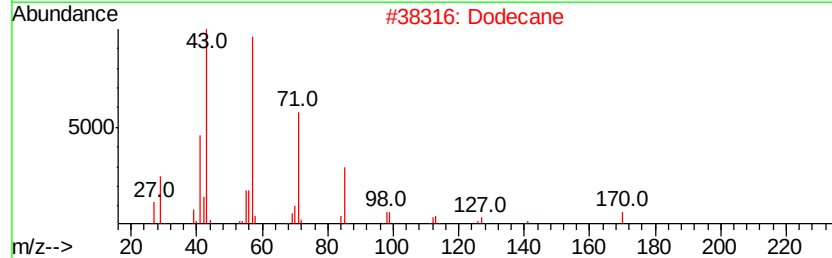
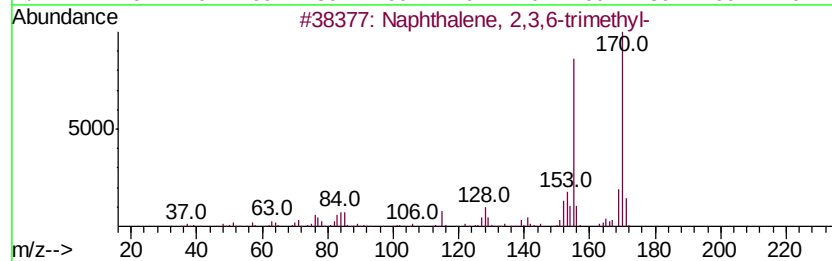
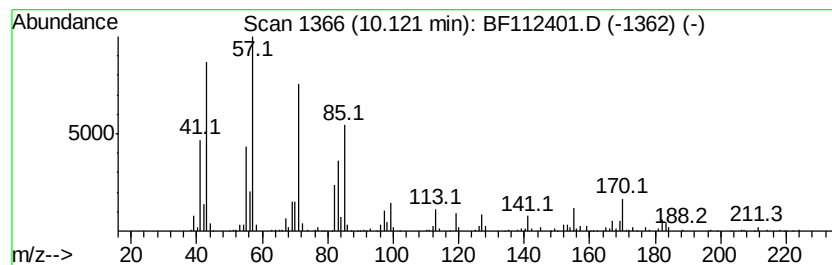
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	11.87 ng	779618	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2		Dodecane	170	C12H26	000112-40-3	60
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
4		Octacosane	394	C28H58	000630-02-4	46
5		Heneicosane	296	C21H44	000629-94-7	46



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Sample : K1341-05 5X
Misc :
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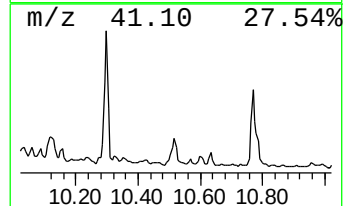
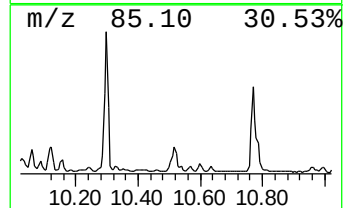
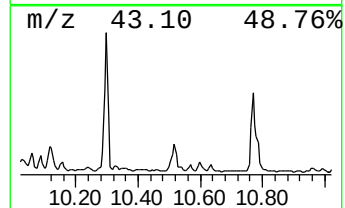
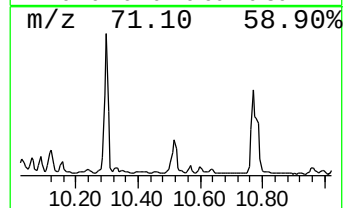
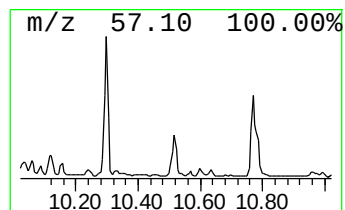
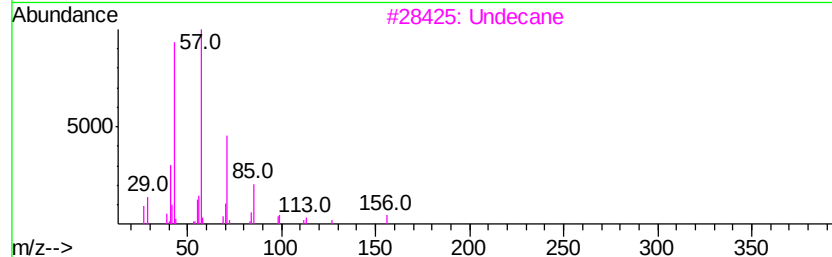
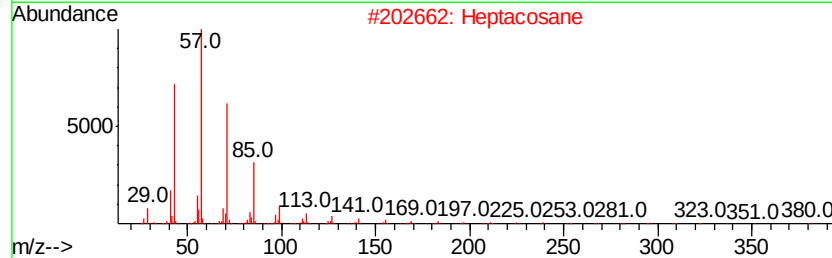
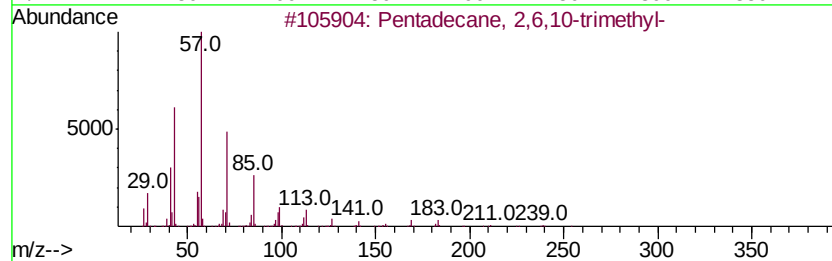
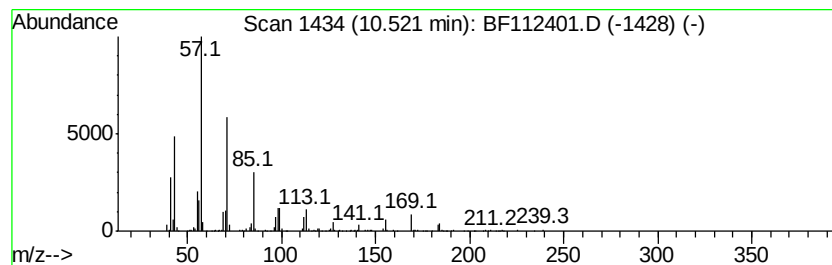
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	12.83 ng	842637	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 90
2		Heptacosane	380 C27H56	000593-49-7 86
3		Undecane	156 C11H24	001120-21-4 86
4		Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9 76
5		Heptadecane, 2-methyl-	254 C18H38	001560-89-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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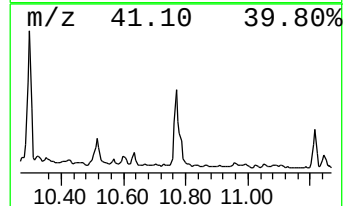
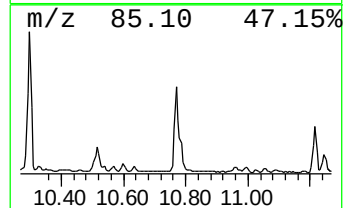
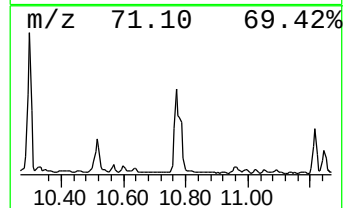
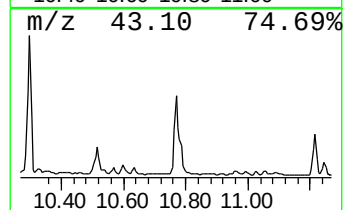
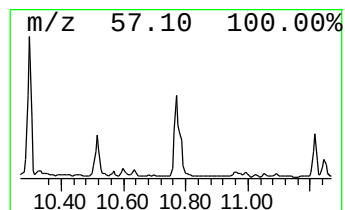
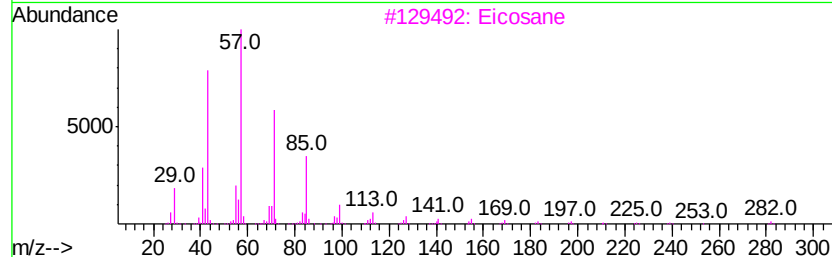
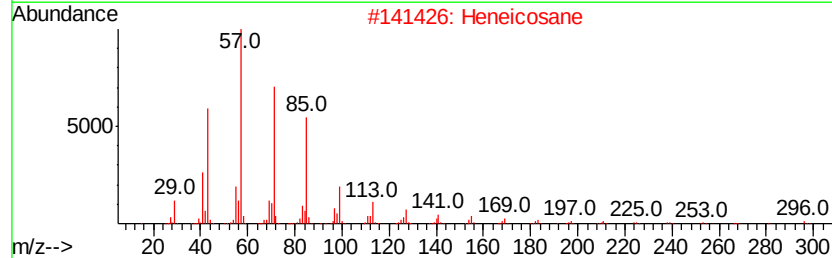
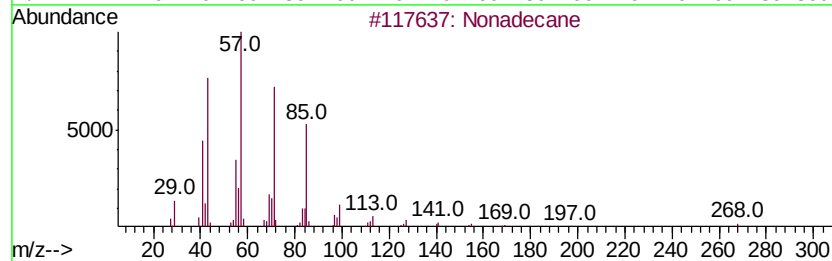
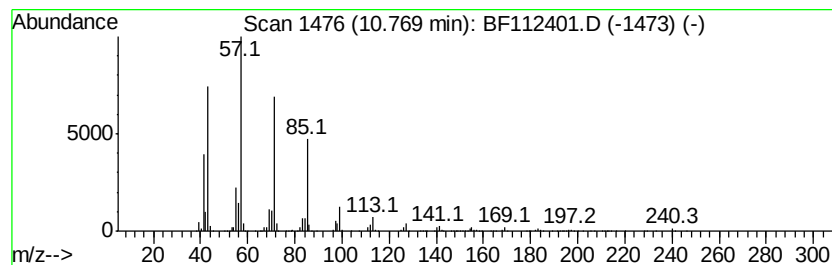
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	36.04 ng	2026800	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5		Pentadecane	212	C15H32	000629-62-9	91



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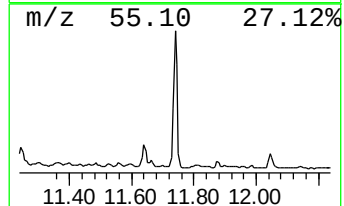
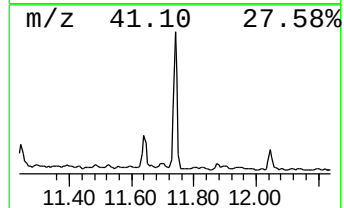
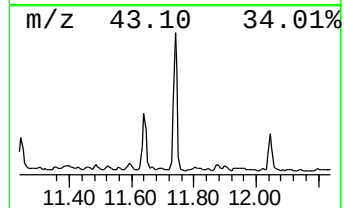
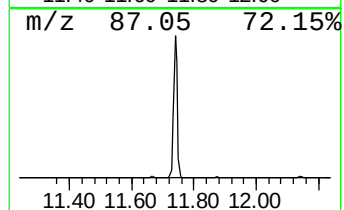
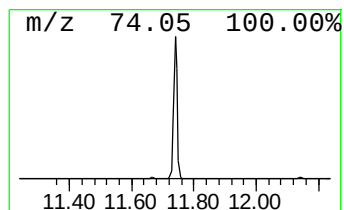
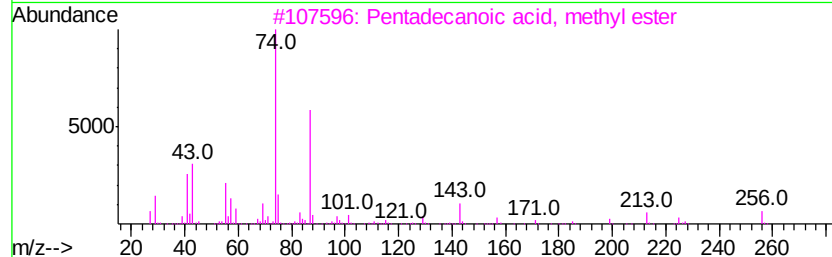
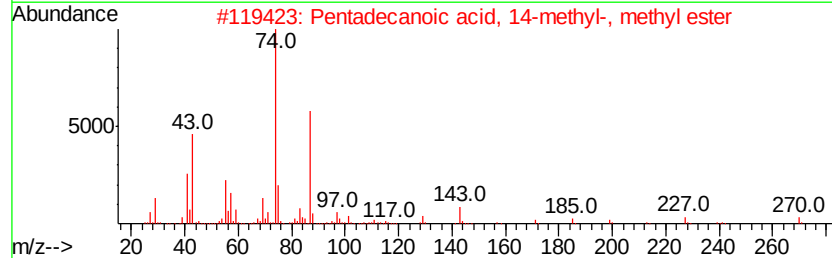
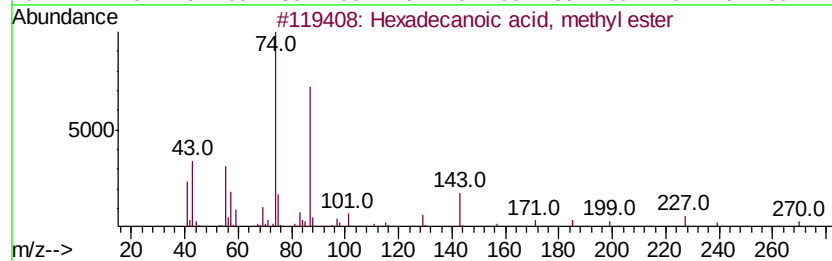
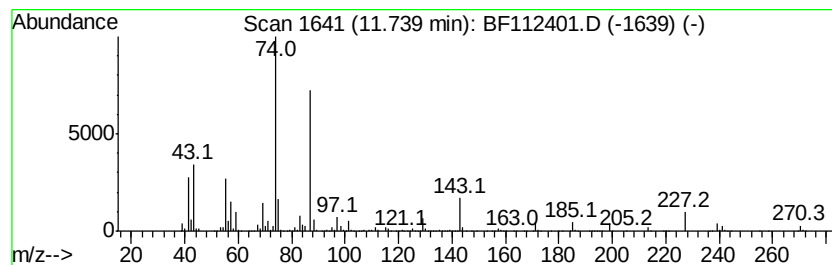
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	35.62 ng	2003210	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



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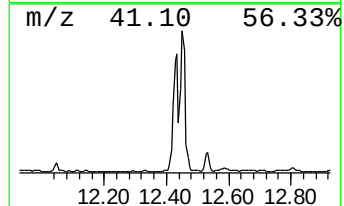
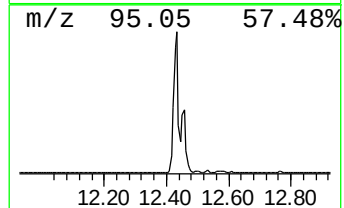
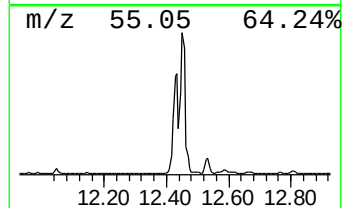
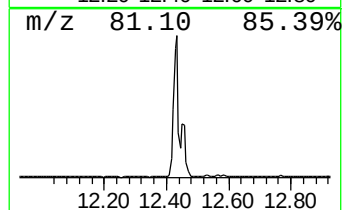
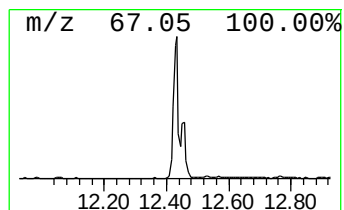
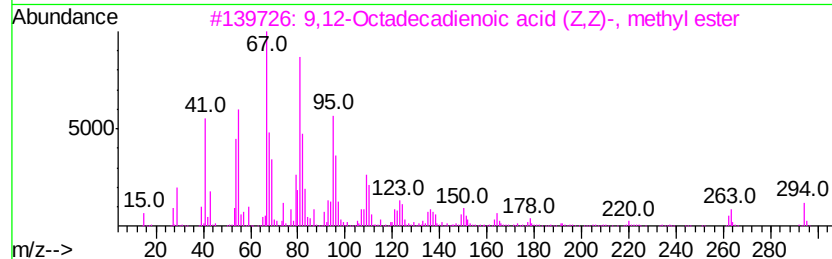
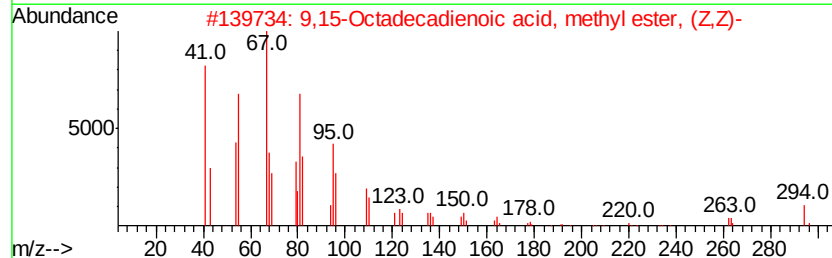
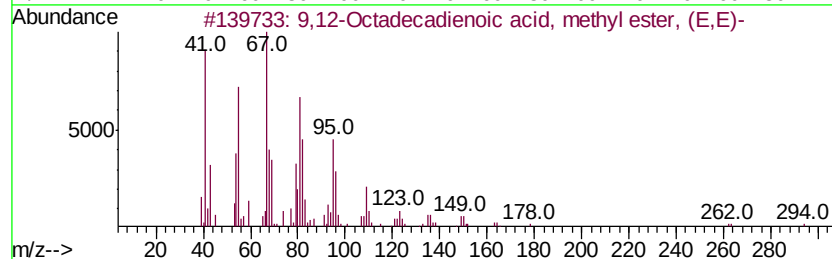
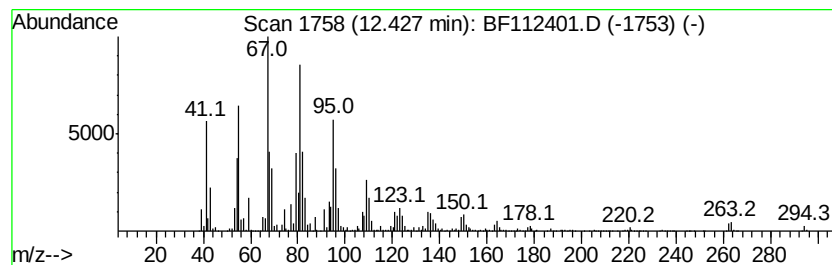
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.43	112.62 ng	6332950	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
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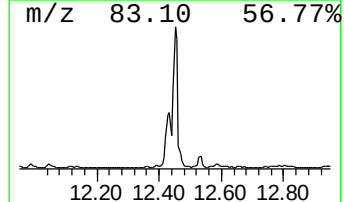
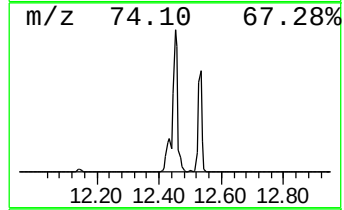
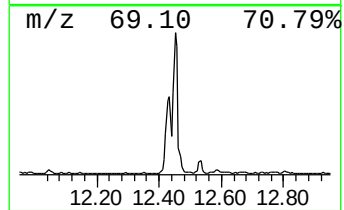
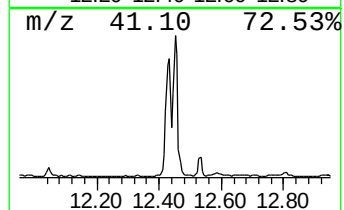
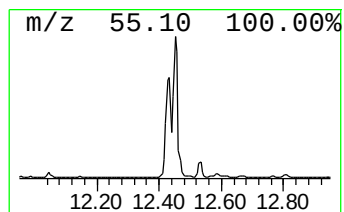
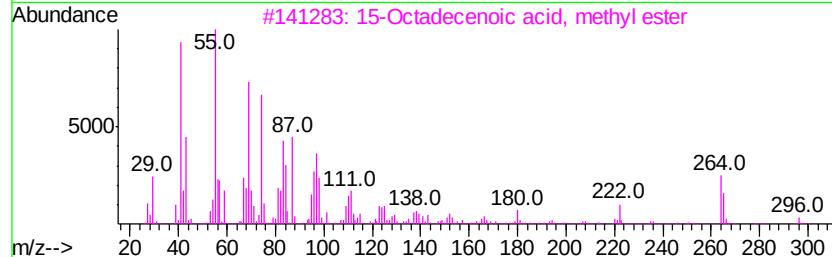
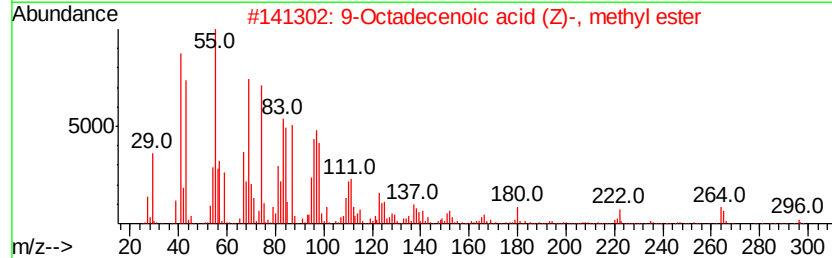
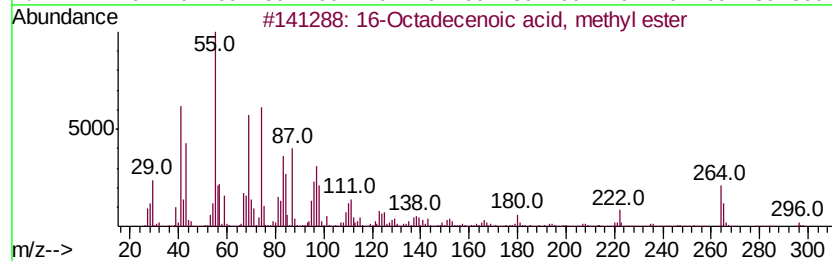
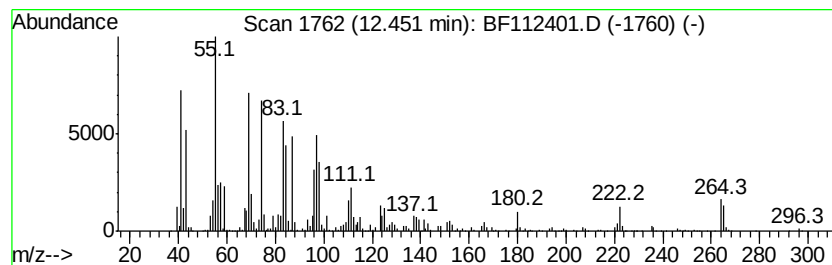
Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 16-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	113.02 ng	6355410	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112401.D
Acq On : 5 Feb 2019 17:43
Operator : JU/SJ
Sample : K1341-05 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

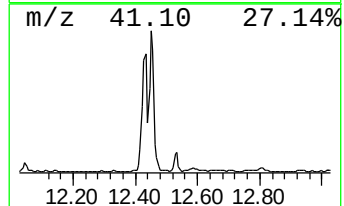
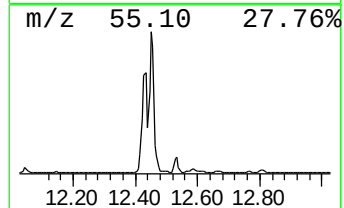
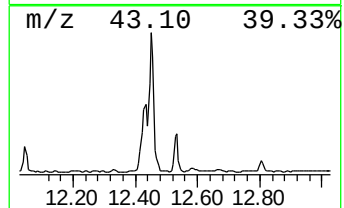
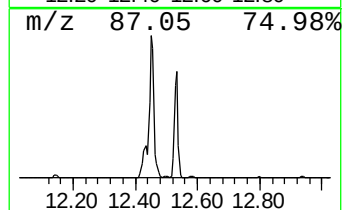
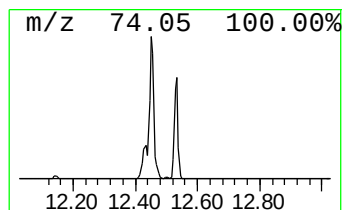
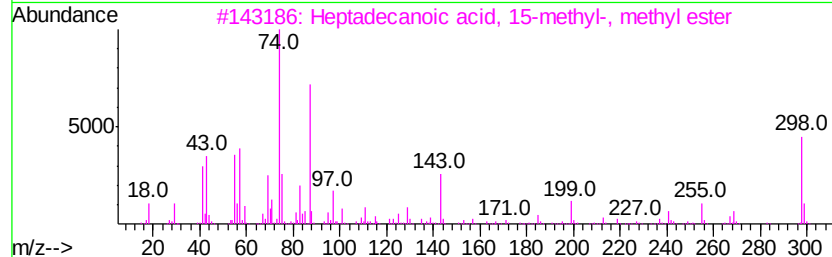
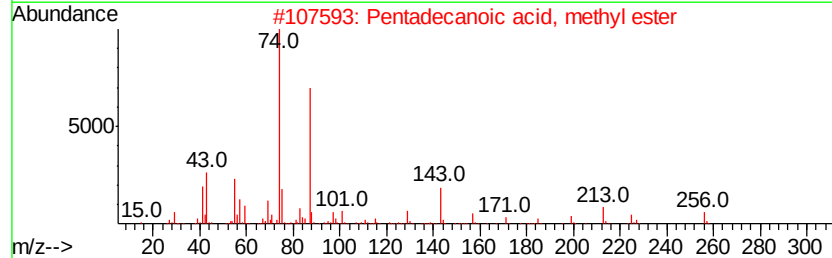
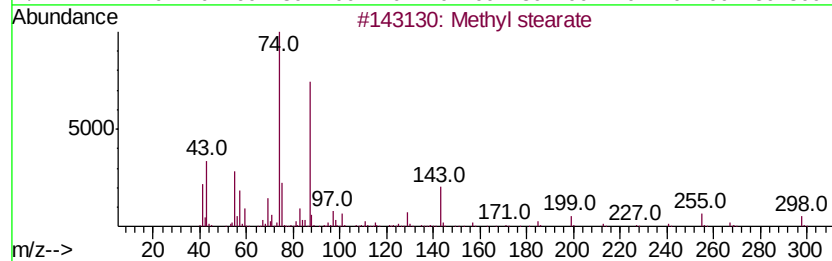
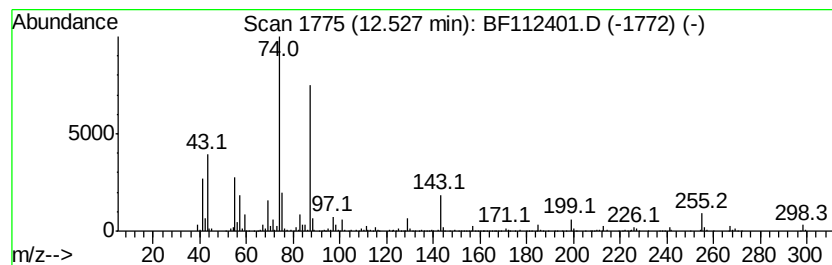
Instrument :
BNA_F
ClientSampleId :
HR-05-020419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Methyl stearate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	15.08 ng	847835	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 98
2		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 91
3		Heptadecanoic acid, 15-methyl-, ...	298 C19H38O2	054833-55-5 90
4		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 89
5		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020519\
 Data File : BF112401.D
 Acq On : 5 Feb 2019 17:43
 Operator : JU/SJ
 Sample : K1341-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-020419-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.60	6.60	11.5	ng	973397	1	6.83	1697680	20.0
Decane	6.67	25.9	ng	2193850	1	6.83	1697680	20.0
Benzene, 1,4-diet...	7.15	12.3	ng	1040880	1	6.83	1697680	20.0
Benzene, 1-methyl...	7.22	14.5	ng	1230660	1	6.83	1697680	20.0
Tridecane	8.72	15.1	ng	5766240	2	8.12	7660430	20.0
Cyclohexane, unde...	9.02	14.2	ng	932646	3	9.87	1314000	20.0
Tridecane, 2-methyl-	9.07	18.0	ng	1184600	3	9.87	1314000	20.0
Naphthalene, 1,3-...	9.53	13.4	ng	881065	3	9.87	1314000	20.0
1H-Indene, 2,3-di...	9.55	11.4	ng	747412	3	9.87	1314000	20.0
Hexadecane	9.59	34.4	ng	2260820	3	9.87	1314000	20.0
Tetradecane	9.80	52.8	ng	3468550	3	9.87	1314000	20.0
Naphthalene, 2,3,...	10.12	11.9	ng	779618	3	9.87	1314000	20.0
Pentadecane, 2,6,...	10.52	12.8	ng	842637	3	9.87	1314000	20.0
Nonadecane	10.77	36.0	ng	2026800	4	11.36	1124630	20.0
Hexadecanoic acid...	11.74	35.6	ng	2003210	4	11.36	1124630	20.0
9,12-Octadecadien...	12.43	112.6	ng	6332950	4	11.36	1124630	20.0
16-Octadecenoic a...	12.45	113.0	ng	6355410	4	11.36	1124630	20.0
Methyl stearate	12.53	15.1	ng	847835	4	11.36	1124630	20.0