

Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
 Data File : BF104315.D
 Acq On : 6 Apr 2018 19:44
 Operator : JU/SJ
 Sample : J2153-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	5.393	558	562	566	rVB	786562	682454	15.47%	0.976%
2	6.045	670	673	680	rVV3	188176	260824	5.91%	0.373%
3	6.240	701	706	709	rBV	128694	155014	3.51%	0.222%
4	6.298	714	716	719	rVB	213389	152296	3.45%	0.218%
5	6.334	719	722	724	rBV2	324950	331169	7.51%	0.474%
6	6.416	728	736	740	rBV3	789348	1004761	22.78%	1.437%
7	6.487	744	748	753	rVB	209088	248011	5.62%	0.355%
8	6.563	753	761	764	rBV	930994	1045105	23.69%	1.495%
9	6.640	770	774	776	rBV	1516207	1274578	28.89%	1.823%
10	6.804	797	802	808	rVB3	913699	1296746	29.40%	1.855%
11	6.857	808	811	814	rBV	444925	382871	8.68%	0.548%
12	6.957	824	828	830	rBV2	823867	924391	20.95%	1.322%
13	6.981	830	832	835	rVB	208332	159039	3.61%	0.227%
14	7.081	845	849	851	rVB	775681	770740	17.47%	1.102%
15	7.122	851	856	858	rBV2	564592	820103	18.59%	1.173%
16	7.140	858	859	863	rVB	593098	448508	10.17%	0.642%
17	7.192	864	868	872	rBV2	836505	856727	19.42%	1.225%
18	7.269	878	881	883	rBV	173563	175619	3.98%	0.251%
19	7.339	888	893	895	rBV2	666827	854772	19.38%	1.223%
20	7.363	895	897	899	rBV2	279546	235557	5.34%	0.337%
21	7.404	901	904	907	rVB	3074894	2533674	57.44%	3.624%
22	7.451	907	912	915	rVB5	619677	801386	18.17%	1.146%
23	7.487	915	918	920	rBV2	366561	475099	10.77%	0.680%
24	7.516	920	923	926	rVB4	322386	342196	7.76%	0.489%
25	7.587	931	935	936	rBV2	240214	265806	6.03%	0.380%
26	7.598	936	937	942	rVB2	542660	579500	13.14%	0.829%
27	7.687	949	952	954	rBV2	294948	344029	7.80%	0.492%
28	7.710	954	956	957	rBV2	292483	218274	4.95%	0.312%
29	7.728	957	959	963	rVB3	286331	330808	7.50%	0.473%
30	7.769	963	966	969	rVB3	645139	816865	18.52%	1.168%
31	7.804	969	972	974	rBV2	875341	843804	19.13%	1.207%
32	7.881	983	985	987	rBV	658779	544705	12.35%	0.779%
33	7.904	987	989	991	rVV2	421645	372147	8.44%	0.532%
34	7.928	991	993	995	rVB	561493	406208	9.21%	0.581%

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35	7.957	995	998	1001	rBV2	351667	385125	8.73%	0.551%
36	7.992	1001	1004	1006	rBV	187164	148585	3.37%	0.213%
37	8.039	1007	1012	1014	rBV5	377648	639617	14.50%	0.915%
38	8.075	1014	1018	1022	rVV2	3900738	4411337	100.00%	6.310%
39	8.110	1022	1024	1026	rVV3	278343	313563	7.11%	0.448%
40	8.151	1026	1031	1033	rVB2	1379836	1589422	36.03%	2.273%
41	8.175	1033	1035	1038	rBV3	548861	526139	11.93%	0.753%
42	8.245	1043	1047	1048	rBV3	341539	415291	9.41%	0.594%
43	8.286	1051	1054	1057	rVB2	654725	684215	15.51%	0.979%
44	8.328	1059	1061	1065	rBV3	136202	151084	3.42%	0.216%
45	8.381	1065	1070	1076	rVB5	997036	1430219	32.42%	2.046%
46	8.434	1076	1079	1082	rVB3	690841	610466	13.84%	0.873%
47	8.463	1082	1084	1088	rVB3	976716	971837	22.03%	1.390%
48	8.510	1088	1092	1094	rBV	1600705	1516529	34.38%	2.169%
49	8.528	1094	1095	1097	rVB2	391016	232509	5.27%	0.333%
50	8.551	1097	1099	1102	rVB3	408485	323744	7.34%	0.463%
51	8.592	1103	1106	1108	rBV2	1095607	833495	18.89%	1.192%
52	8.628	1108	1112	1114	rBV3	315921	366270	8.30%	0.524%
53	8.681	1117	1121	1124	rBV	3289468	3234747	73.33%	4.627%
54	8.745	1129	1132	1134	rVB2	488202	449104	10.18%	0.642%
55	8.775	1134	1137	1140	rVB2	663354	714196	16.19%	1.022%
56	8.839	1145	1148	1150	rVB3	217420	182571	4.14%	0.261%
57	8.875	1150	1154	1155	rBV3	228321	330005	7.48%	0.472%
58	8.910	1157	1160	1162	rVB2	664880	496215	11.25%	0.710%
59	8.963	1166	1169	1170	rBV2	419402	330752	7.50%	0.473%
60	9.045	1178	1183	1186	rVB3	767708	984385	22.31%	1.408%
61	9.081	1186	1189	1191	rVV	605867	521010	11.81%	0.745%
62	9.110	1191	1194	1200	rVV3	1194372	1278927	28.99%	1.829%
63	9.163	1200	1203	1207	rVB	735761	671498	15.22%	0.960%
64	9.245	1213	1217	1221	rVV	2984666	2999377	67.99%	4.290%
65	9.286	1221	1224	1226	rVV4	348130	481437	10.91%	0.689%
66	9.316	1226	1229	1232	rVV2	531418	663435	15.04%	0.949%
67	9.357	1234	1236	1239	rVB4	205629	186871	4.24%	0.267%
68	9.481	1254	1257	1258	rBV2	216965	239131	5.42%	0.342%
69	9.498	1258	1260	1262	rVV2	514117	477436	10.82%	0.683%
70	9.522	1262	1264	1266	rVV2	550895	426443	9.67%	0.610%
71	9.563	1266	1271	1273	rVV3	1068935	1315207	29.81%	1.881%

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72	9.586	1273	1275	1278	rVV2	613680	536820	12.17%	0.768%
73	9.622	1278	1281	1284	rVB3	525027	433074	9.82%	0.619%
74	9.775	1304	1307	1311	rVB	2252450	1841789	41.75%	2.634%
75	9.822	1311	1315	1316	rBV3	289687	395305	8.96%	0.565%
76	9.839	1316	1318	1323	rVB	1151055	1025695	23.25%	1.467%
77	9.945	1334	1336	1341	rVB3	167313	162160	3.68%	0.232%
78	10.004	1343	1346	1349	rVV2	236818	359240	8.14%	0.514%
79	10.033	1349	1351	1354	rVV3	261553	314161	7.12%	0.449%
80	10.063	1354	1356	1358	rVV	165015	160230	3.63%	0.229%
81	10.092	1358	1361	1365	rVV4	339430	476432	10.80%	0.681%
82	10.157	1370	1372	1375	rBV2	128097	160312	3.63%	0.229%
83	10.275	1389	1392	1394	rVV	1322850	1071511	24.29%	1.533%
84	10.328	1399	1401	1407	rVB4	123102	161093	3.65%	0.230%
85	10.492	1424	1429	1435	rVV	374943	489824	11.10%	0.701%
86	10.622	1447	1451	1455	rVB2	395390	424038	9.61%	0.607%
87	10.745	1469	1472	1481	rVB	871263	1011591	22.93%	1.447%
88	11.192	1545	1548	1551	rBV	428592	344839	7.82%	0.493%
89	11.222	1551	1553	1559	rVB	176124	179388	4.07%	0.257%
90	11.327	1567	1571	1573	rBV	948975	824020	18.68%	1.179%
91	11.622	1618	1621	1624	rBV	256645	192702	4.37%	0.276%
92	11.722	1635	1638	1641	rBV	753223	549567	12.46%	0.786%
93	12.410	1751	1755	1757	rBV	2303014	2141196	48.54%	3.063%
94	12.433	1757	1759	1767	rVB	1714333	1471357	33.35%	2.105%
95	12.516	1767	1773	1775	rBV	348705	296920	6.73%	0.425%
96	12.910	1837	1840	1849	rVB	570436	490007	11.11%	0.701%
97	13.963	2015	2019	2023	rBV	801555	821064	18.61%	1.174%
98	15.421	2263	2267	2271	rBV	580717	702615	15.93%	1.005%
99	15.898	2344	2348	2353	rBV	112395	167226	3.79%	0.239%
100	16.121	2383	2386	2393	rVB	139289	224143	5.08%	0.321%

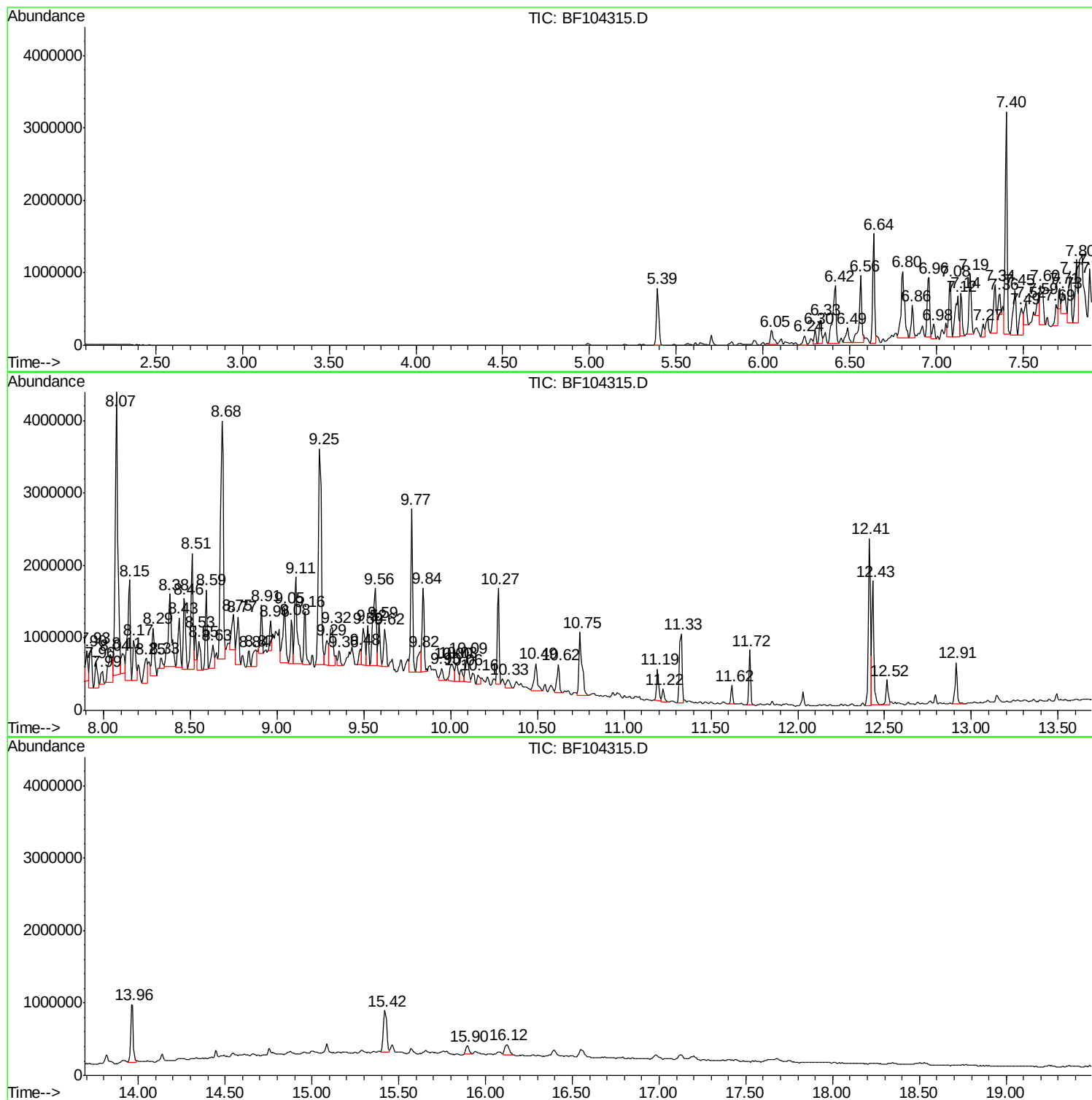
Sum of corrected areas: 69914299

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.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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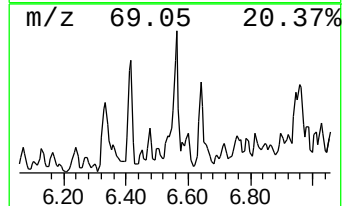
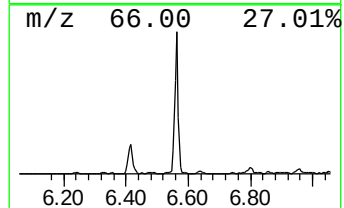
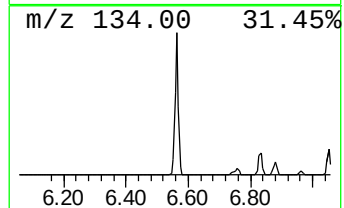
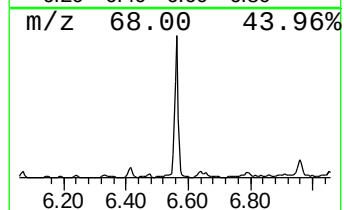
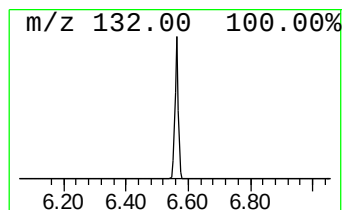
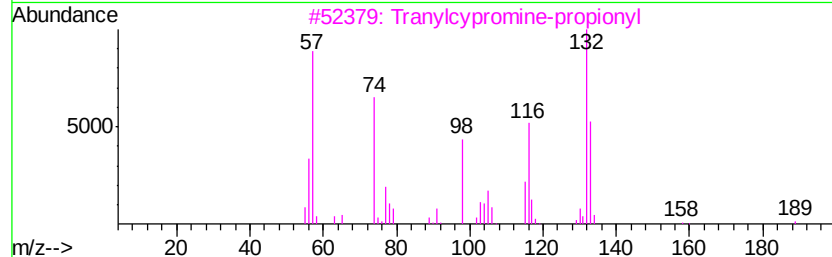
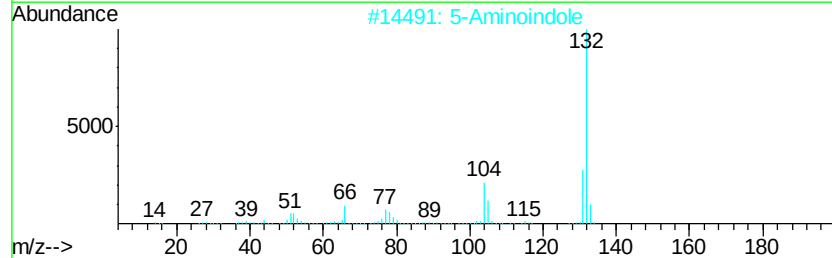
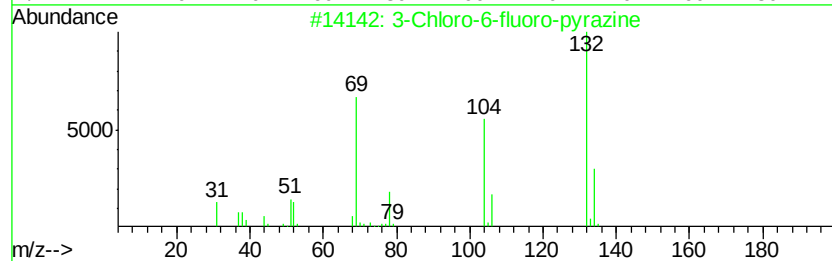
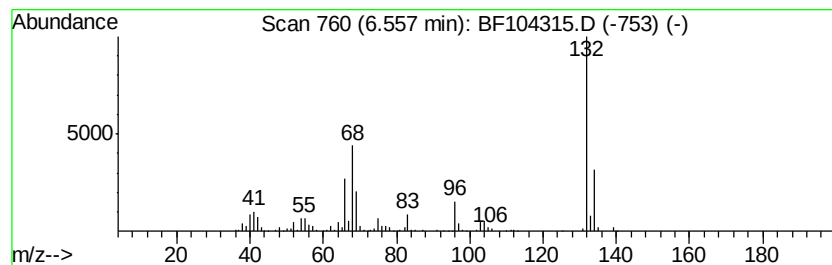
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	16.12 ng	1045110	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Xenon			132	Xe	007440-63-3	9
5	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9



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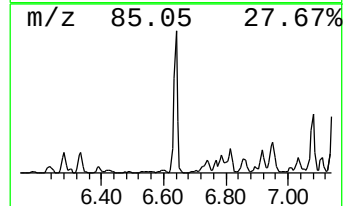
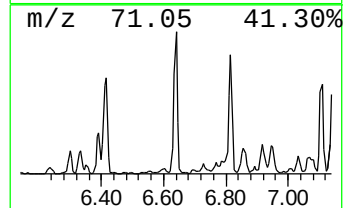
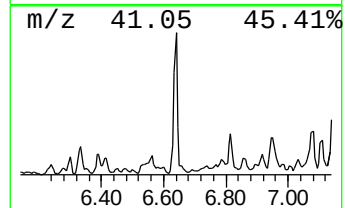
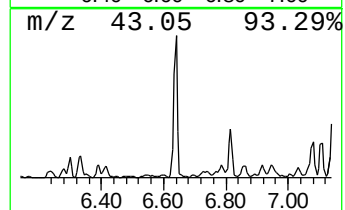
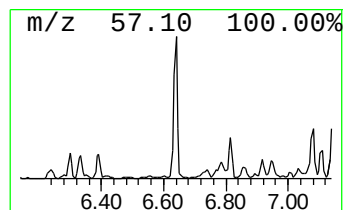
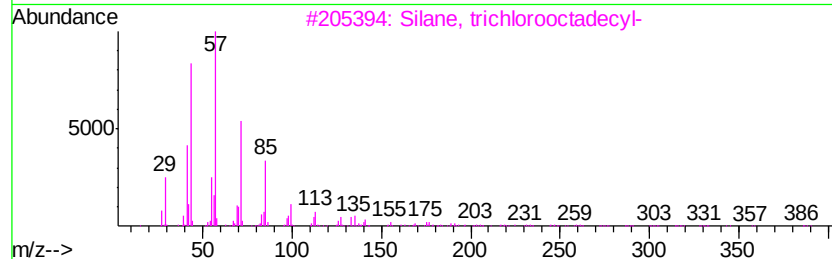
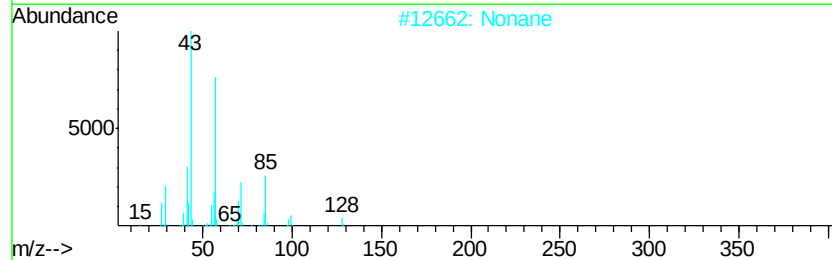
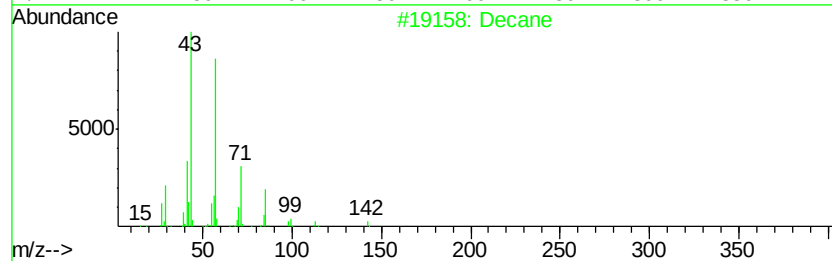
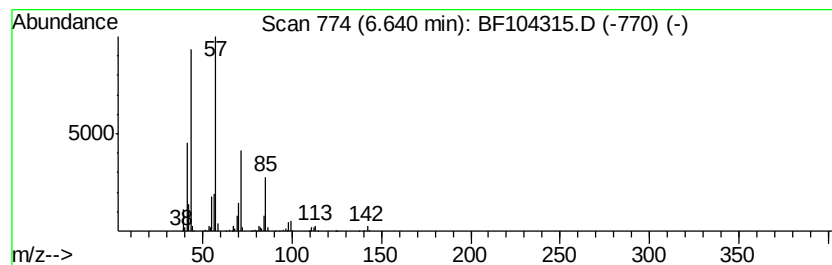
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	19.66 ng	1274580	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Nonane	128	C9H20	000111-84-2	80
3		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4		Undecane	156	C11H24	001120-21-4	78
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72



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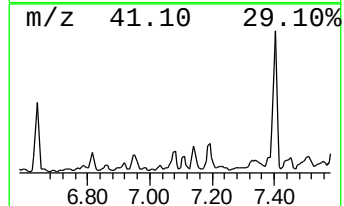
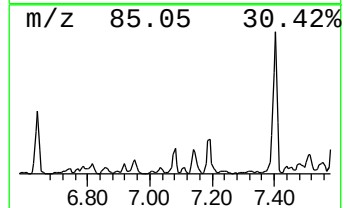
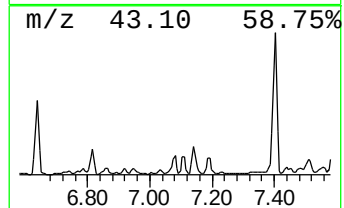
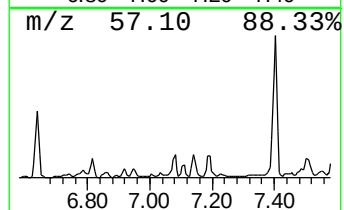
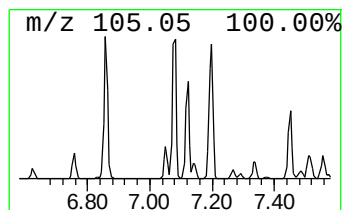
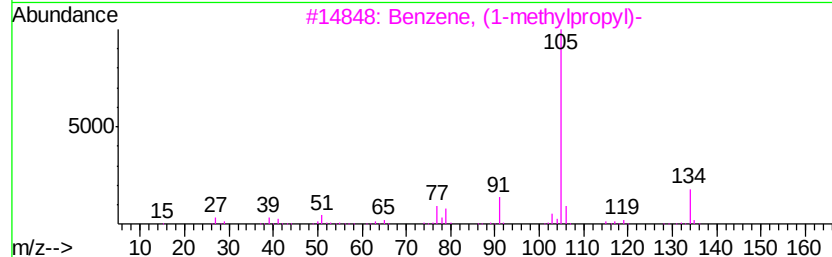
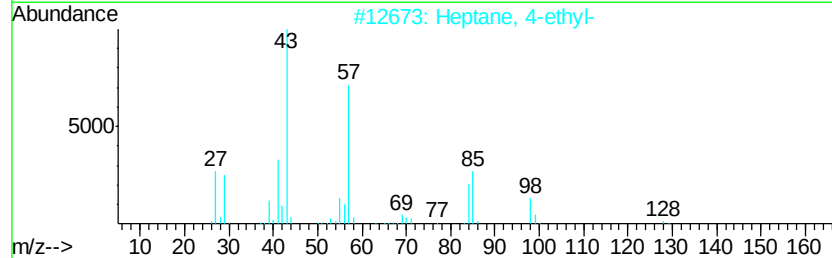
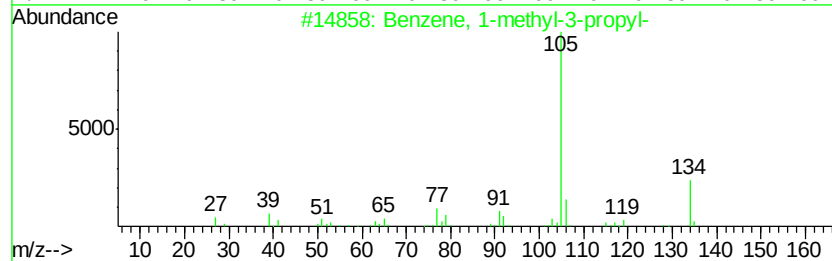
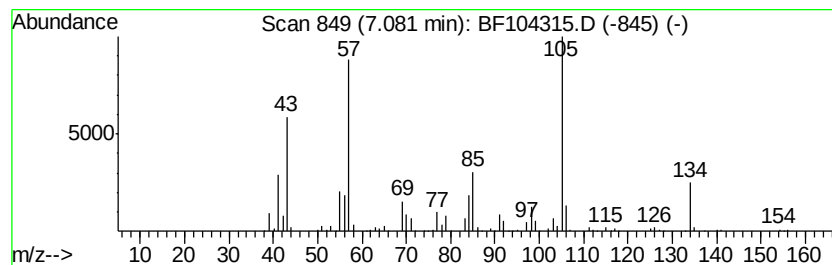
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Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	11.89 ng	770740	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	80
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-040418-C

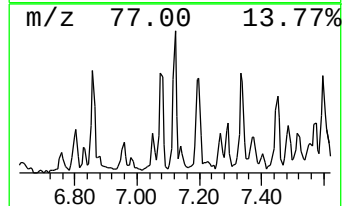
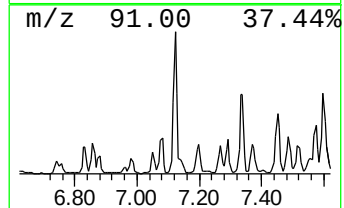
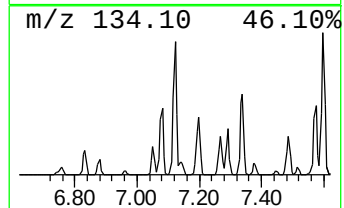
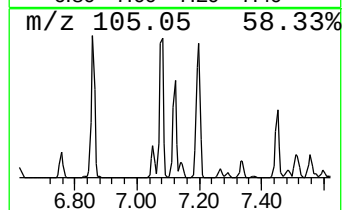
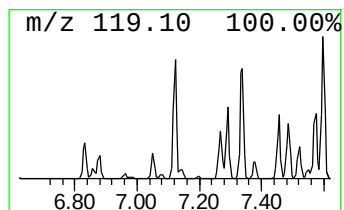
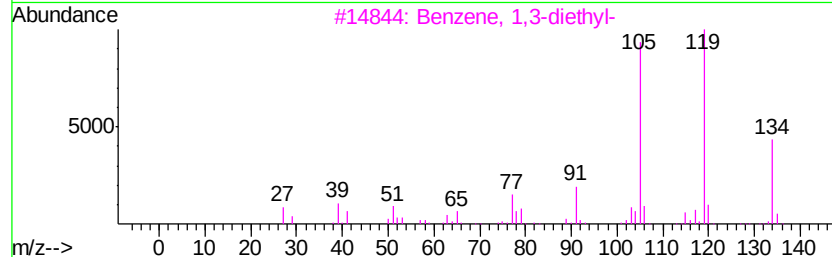
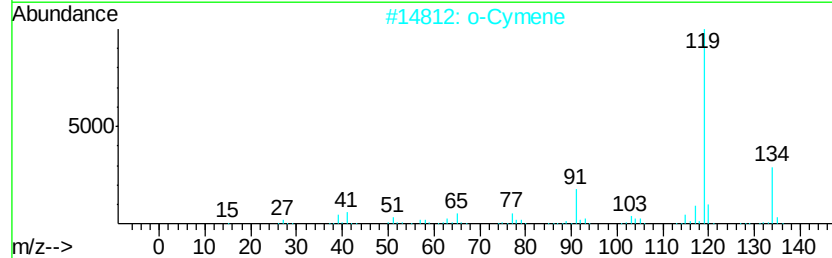
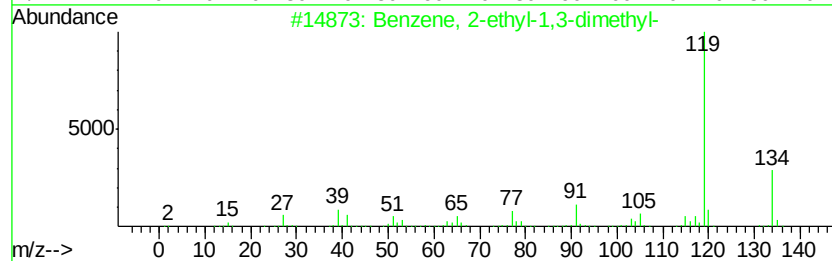
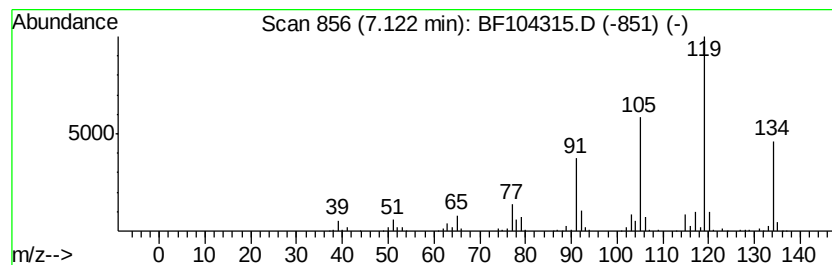
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	12.65 ng	820103	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
2		o-Cymene	134	C10H14	000527-84-4	91
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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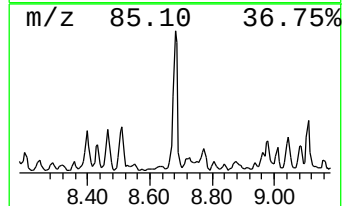
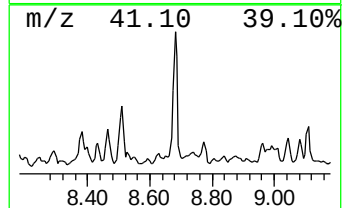
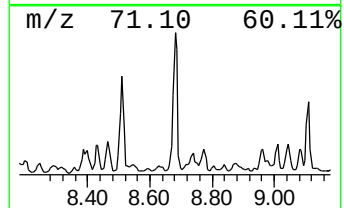
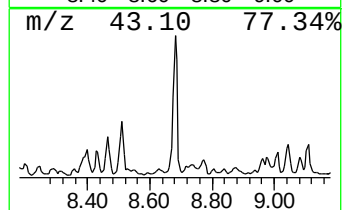
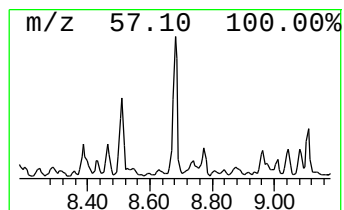
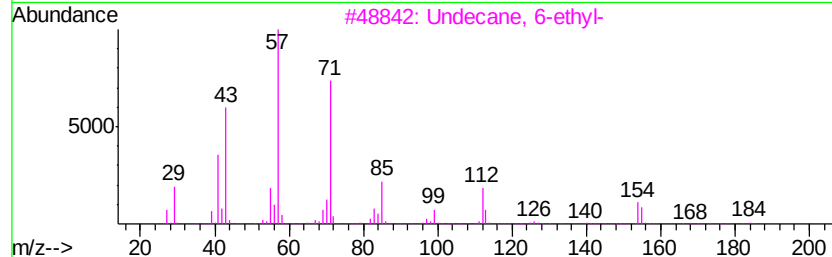
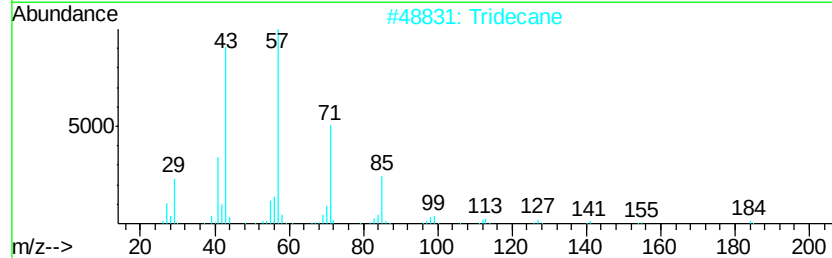
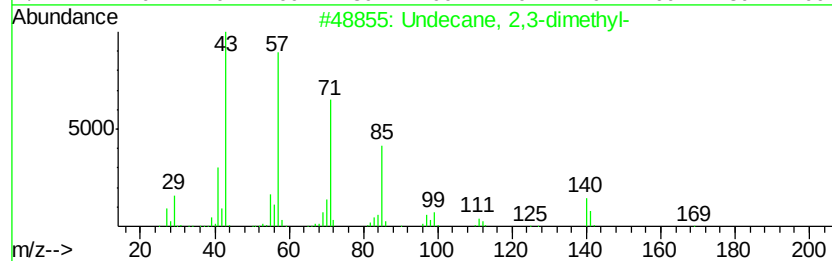
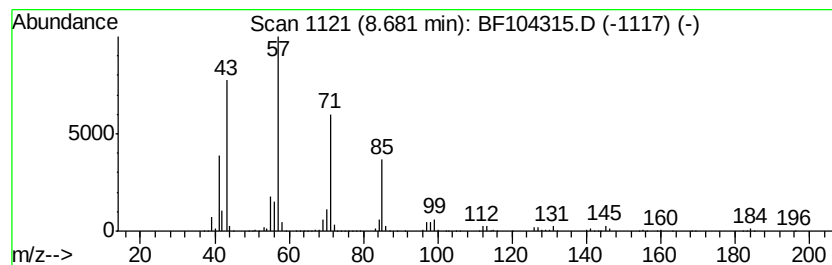
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	14.67 ng	3234750	Napthalene-d8	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-040418-C

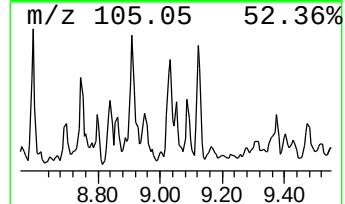
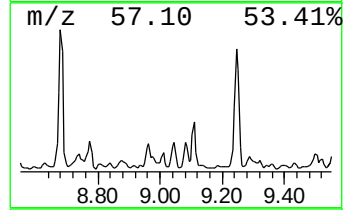
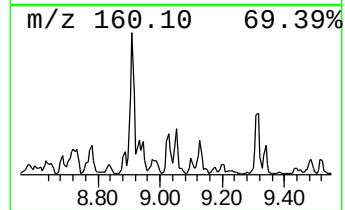
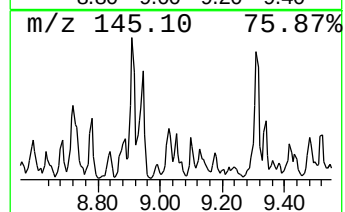
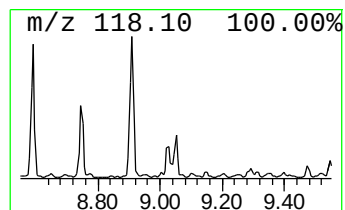
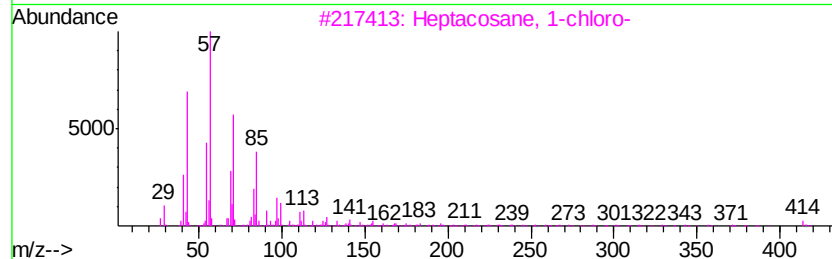
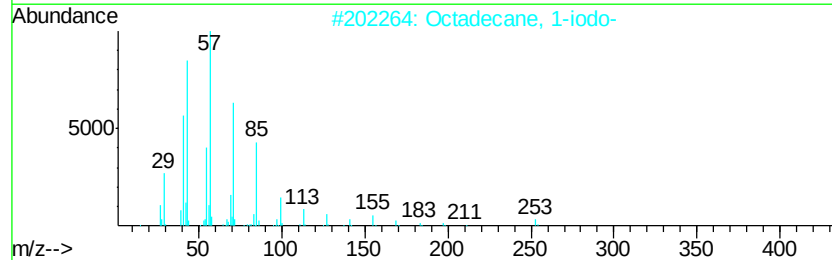
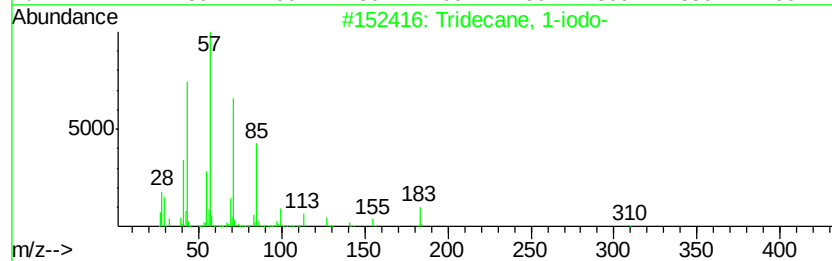
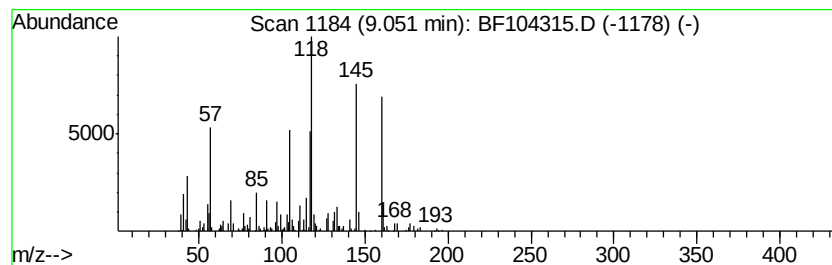
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	19.19 ng	984385	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	59
4		1-Iodoundecane	282	C11H23I	004282-44-4	47
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	43



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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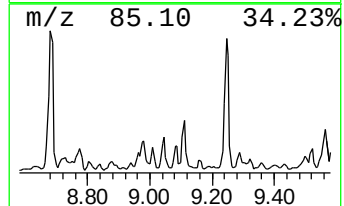
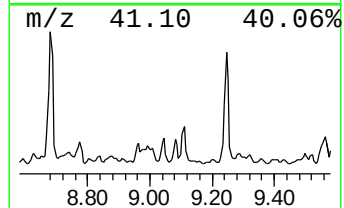
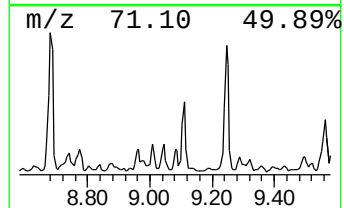
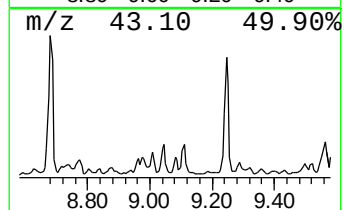
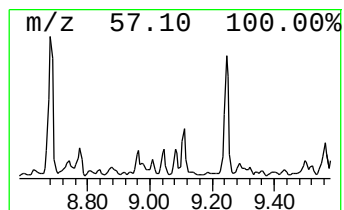
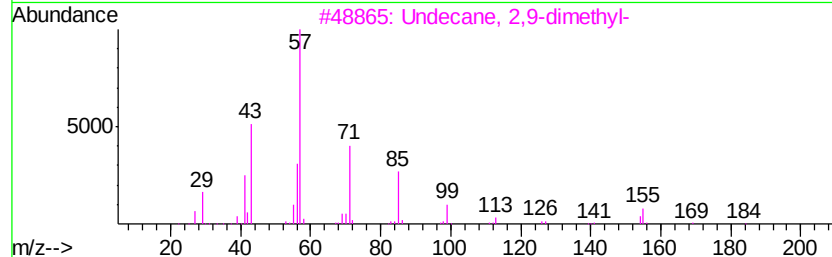
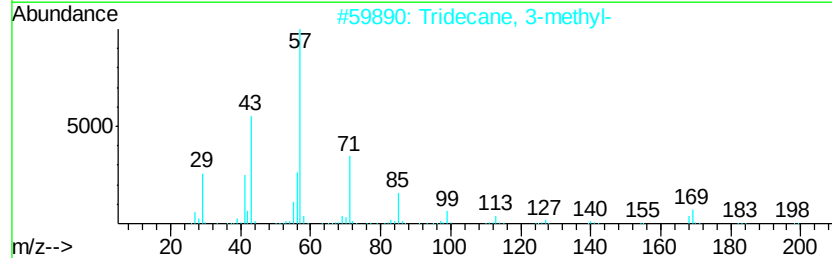
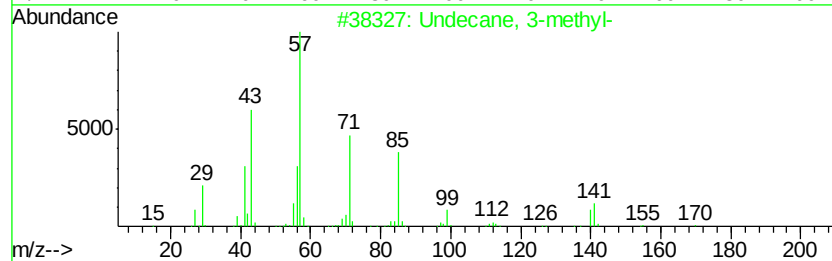
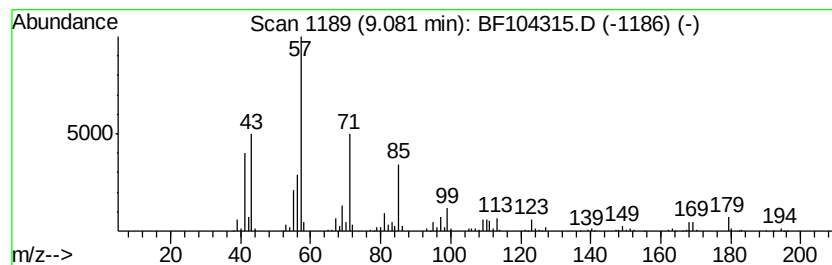
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	10.16 ng	521010	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	64
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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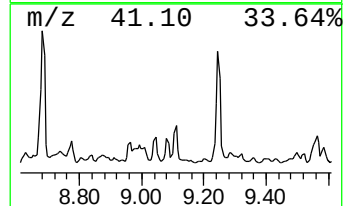
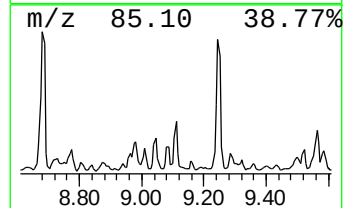
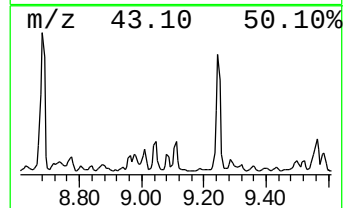
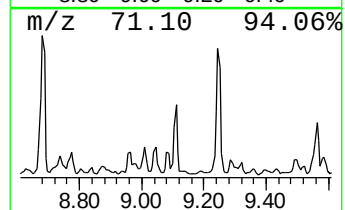
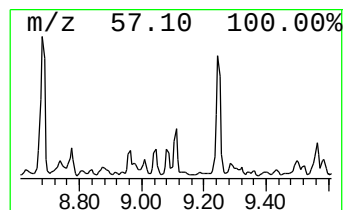
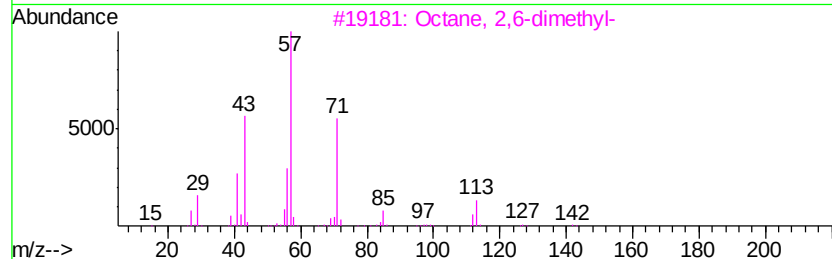
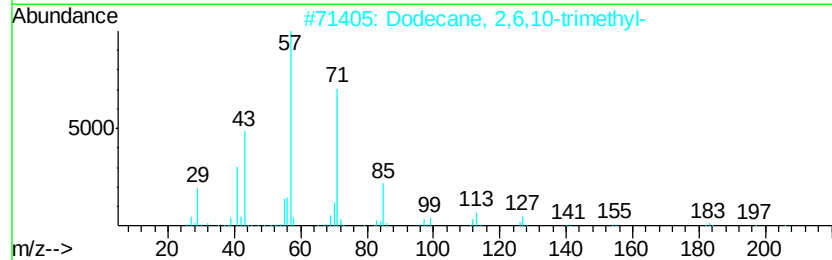
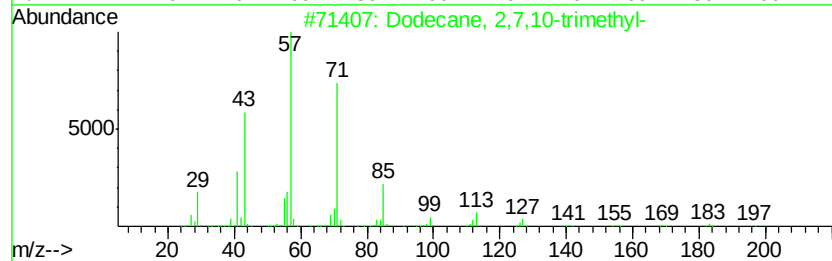
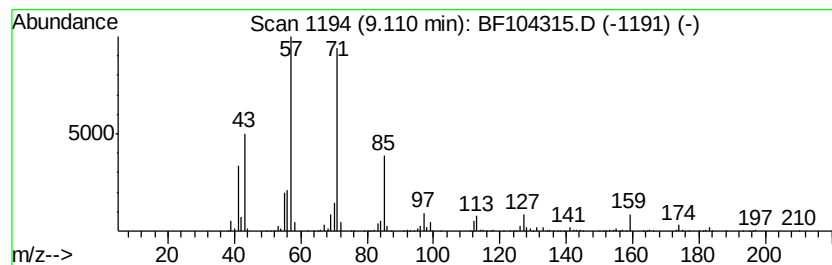
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	24.94 ng	1278930	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4		l-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	53
5		Octane, 2-methyl-	128	C9H20	003221-61-2	52



Data Path : Z:\HPCHEM1\BNA_F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
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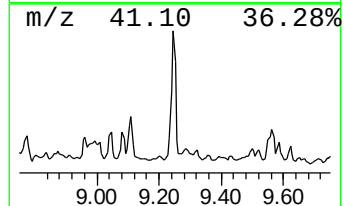
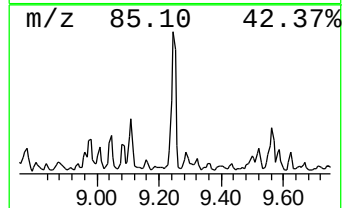
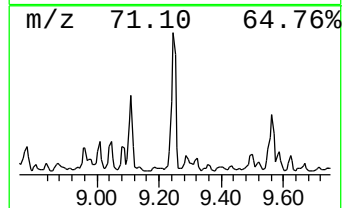
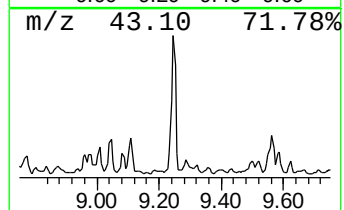
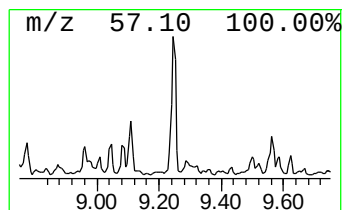
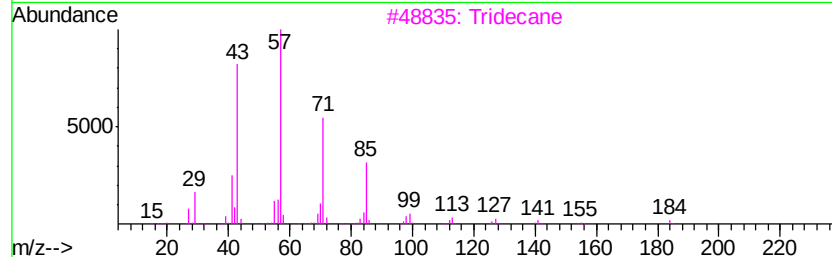
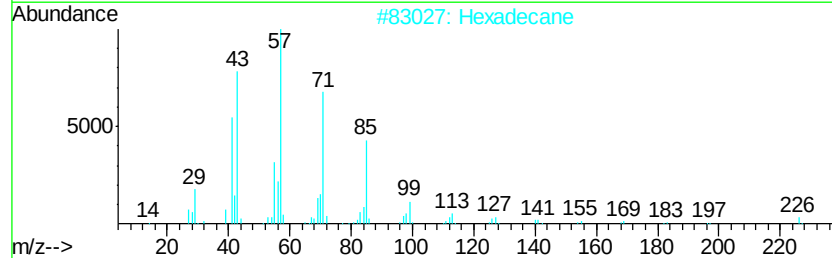
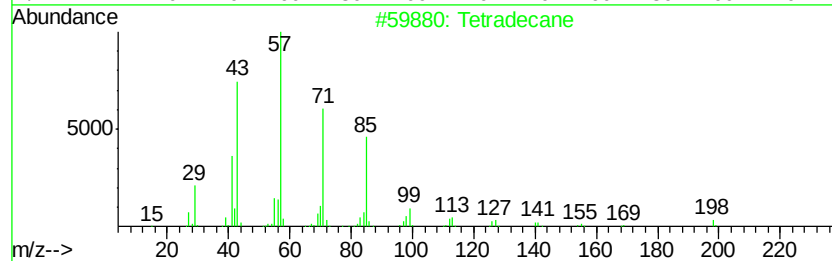
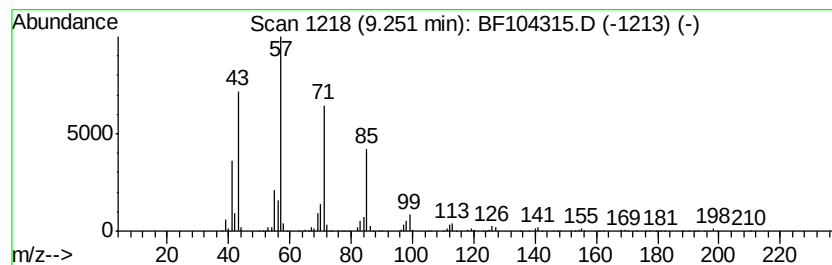
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	58.48 ng	2999380	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
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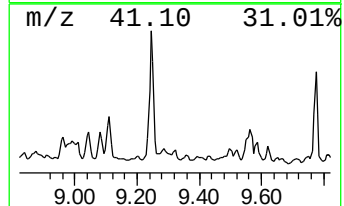
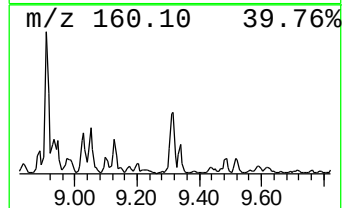
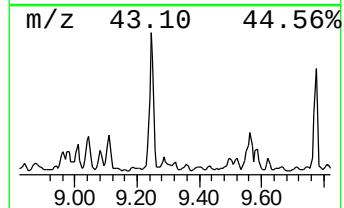
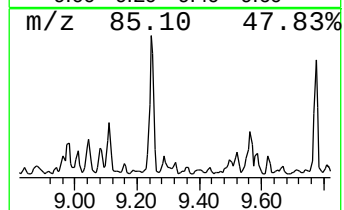
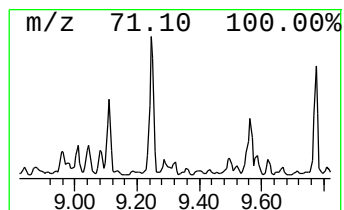
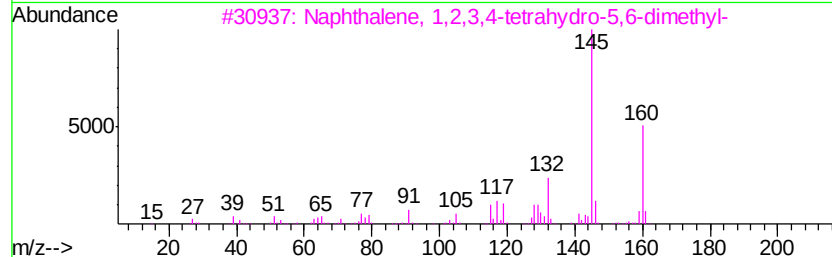
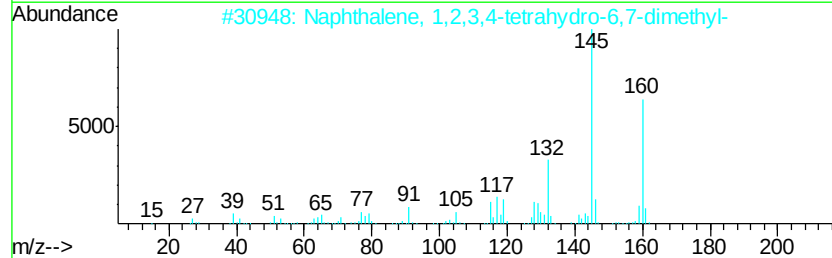
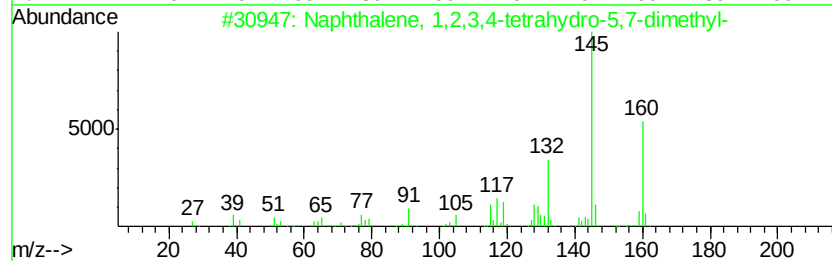
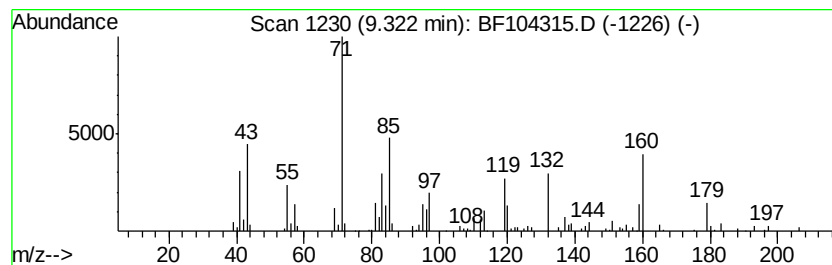
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	12.94 ng	663435	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
Operator : JU/SJ
Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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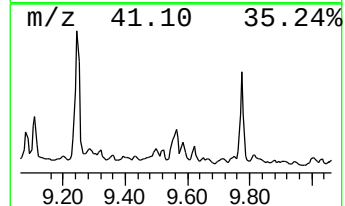
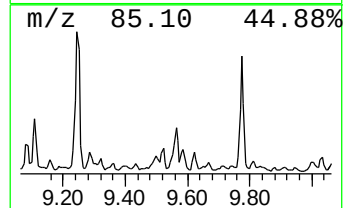
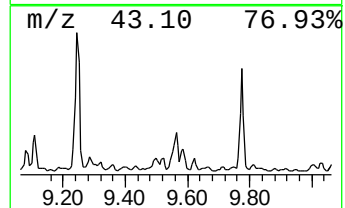
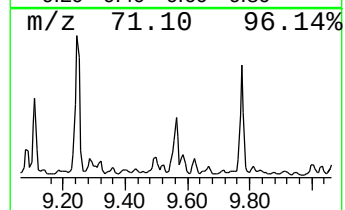
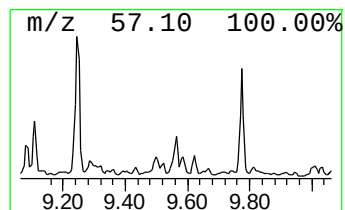
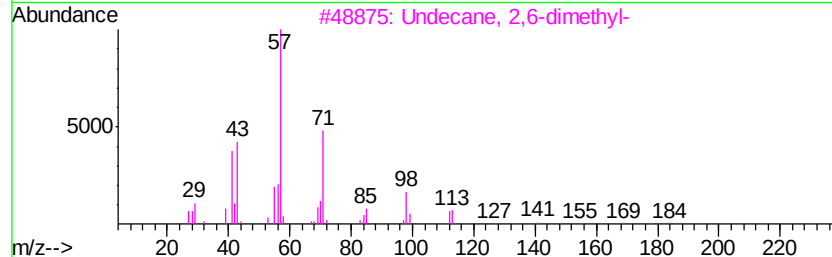
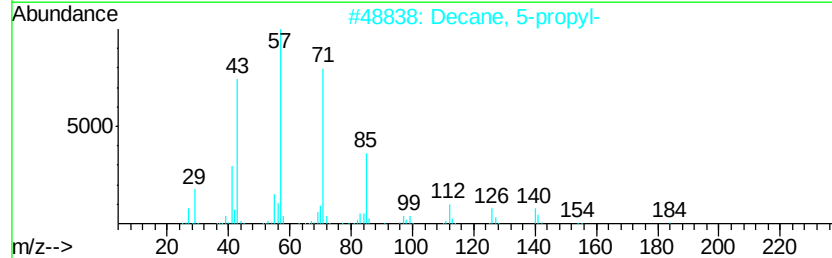
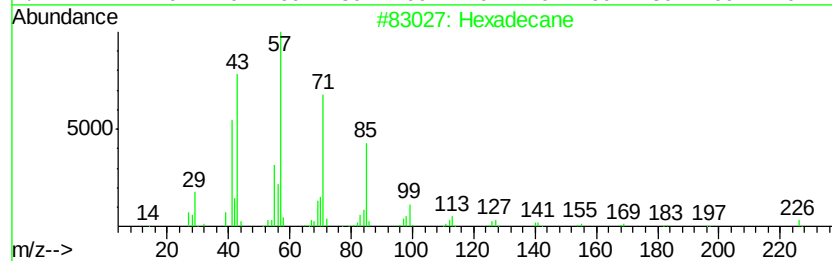
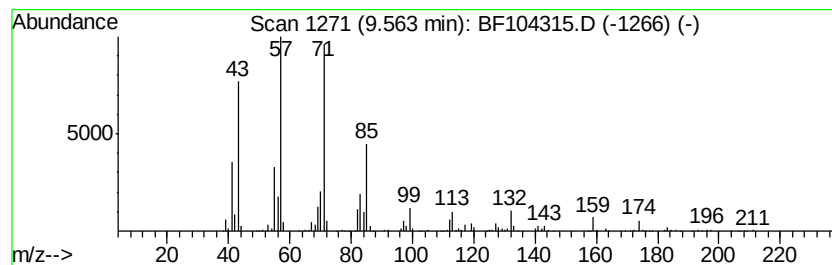
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	25.65 ng	1315210	Acenaphthene-d10	9.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	86
2	Decane, 5-propyl-		184	C13H28	017312-62-8	64
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	64
4	Heptadecane, 2,6,10,14-tetramethyl-		296	C21H44	018344-37-1	64
5	Tridecane		184	C13H28	000629-50-5	58



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
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Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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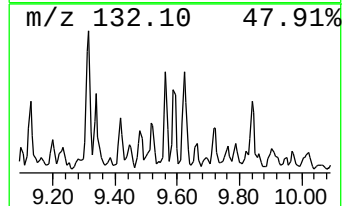
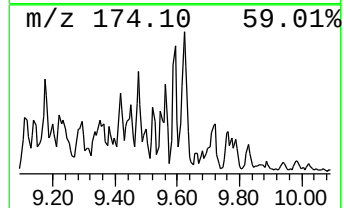
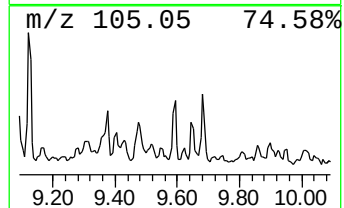
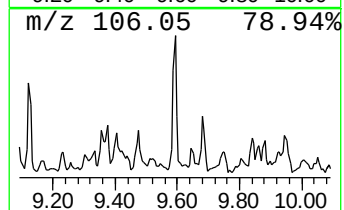
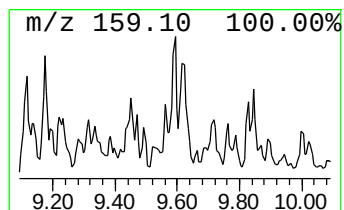
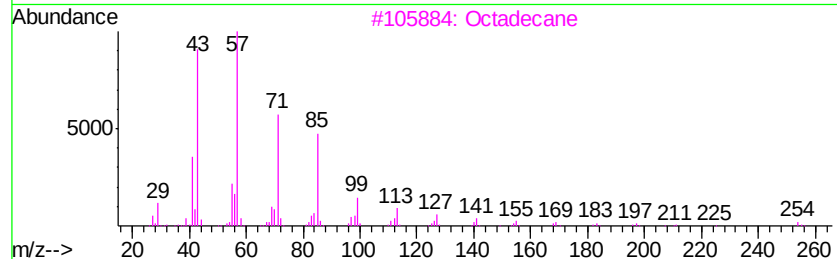
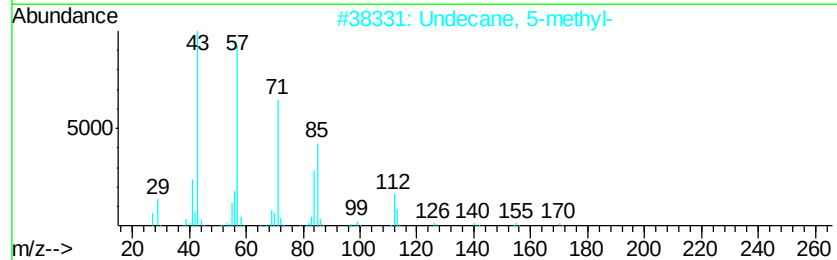
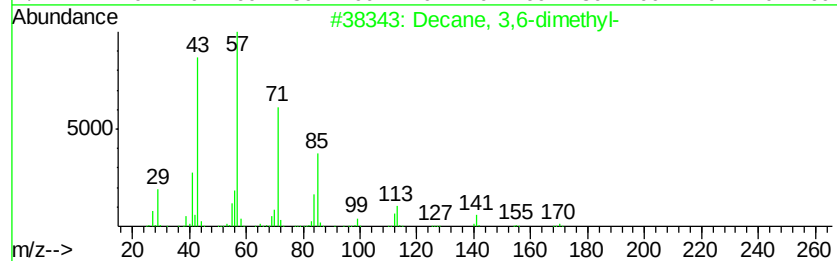
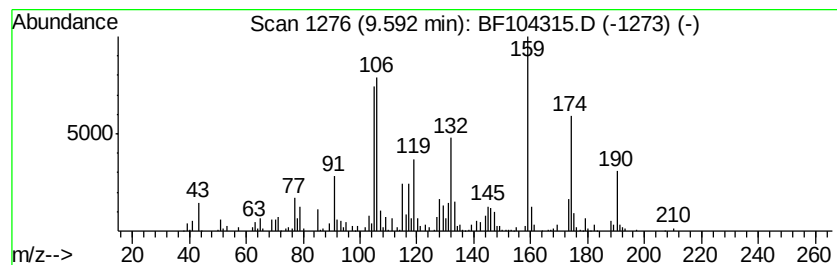
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.59 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	10.47 ng	536820	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
3		Octadecane	254	C18H38	000593-45-3	30
4		Heneicosane	296	C21H44	000629-94-7	30
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	30



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
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Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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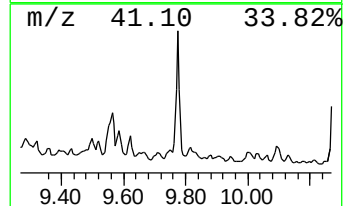
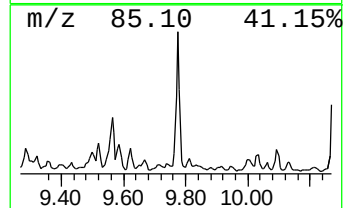
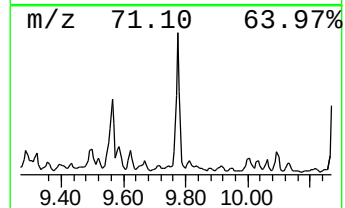
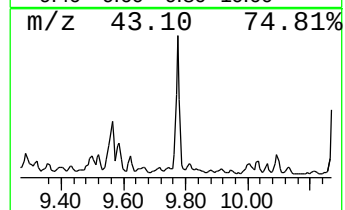
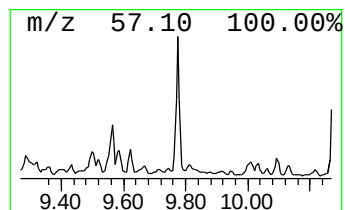
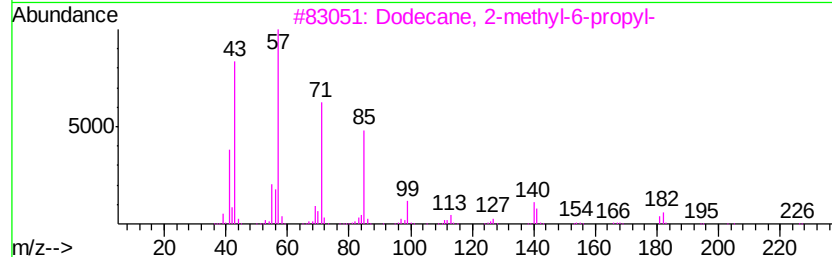
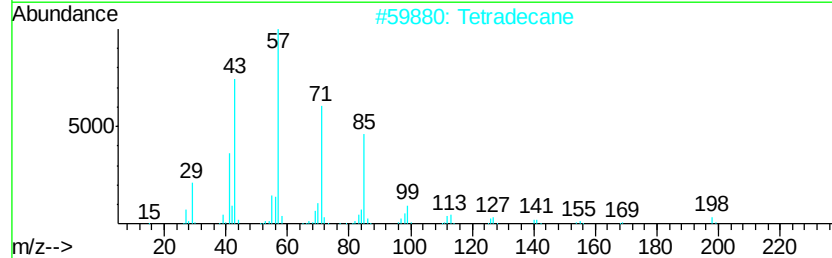
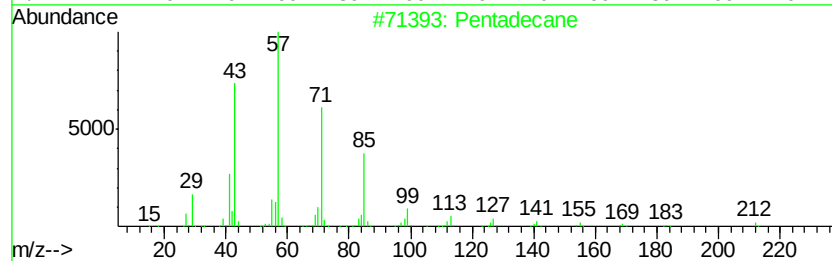
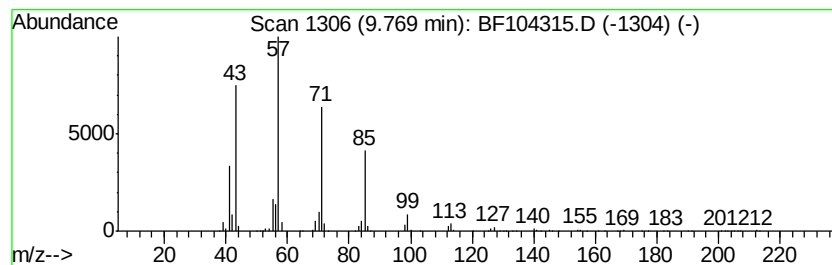
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	35.91 ng	1841790	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
Data File : BF104315.D
Acq On : 6 Apr 2018 19:44
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Sample : J2153-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
HR-06-040418-C

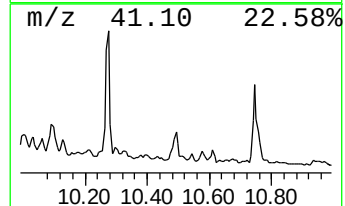
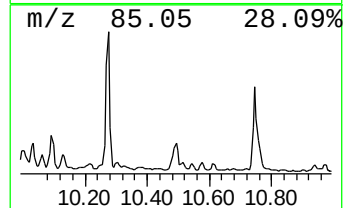
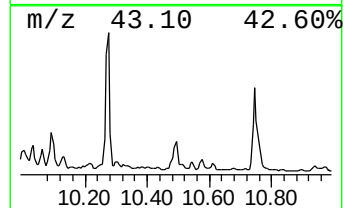
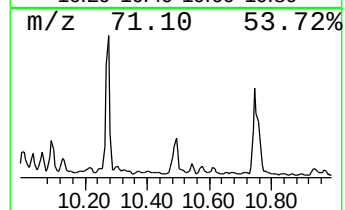
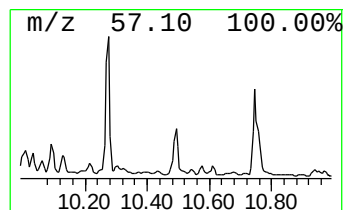
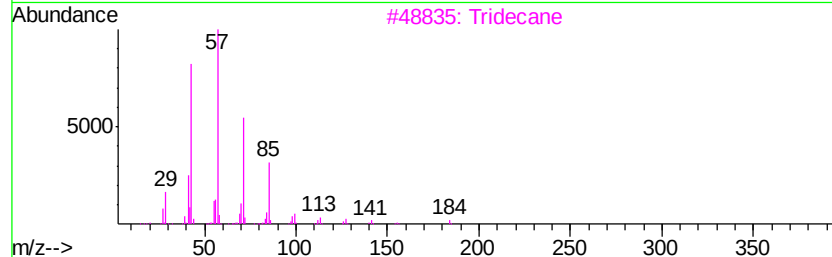
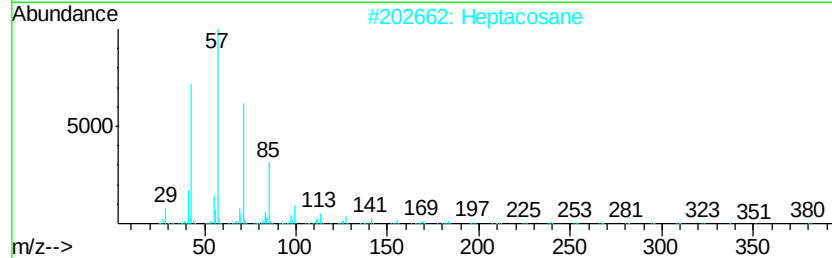
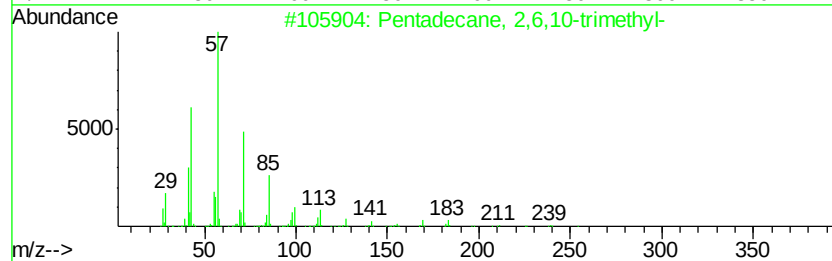
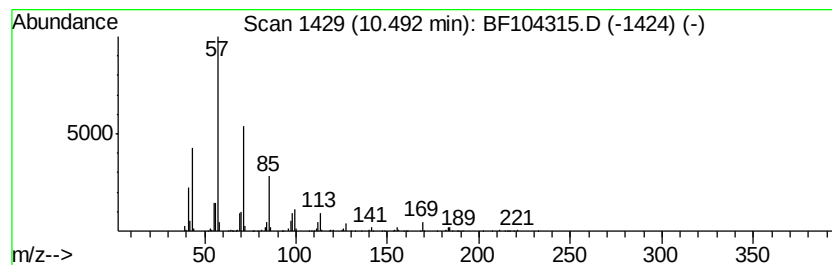
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.55 ng	489824	Acenaphthene-d10	9.84

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	80
3			Tridecane	184	C13H28	000629-50-5	72
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
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Acq On : 6 Apr 2018 19:44
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Misc :
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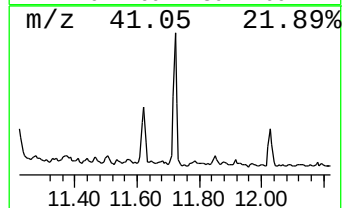
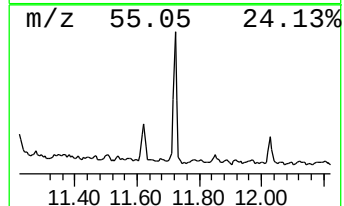
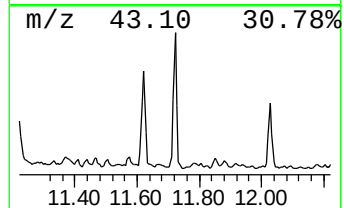
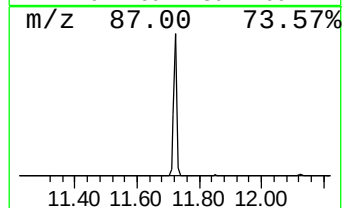
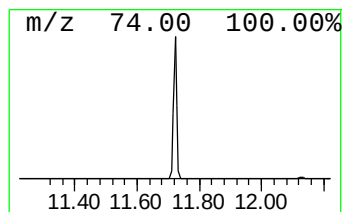
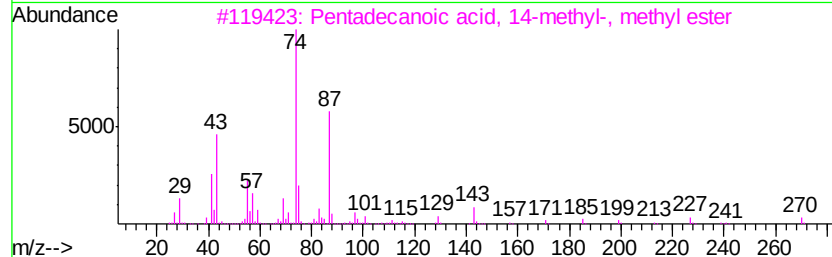
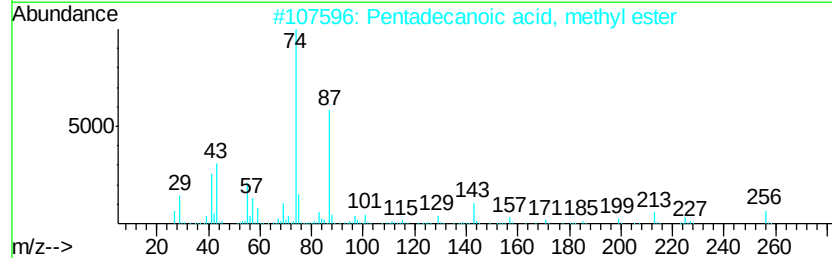
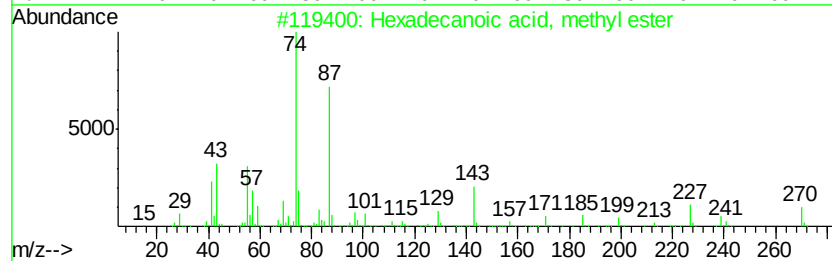
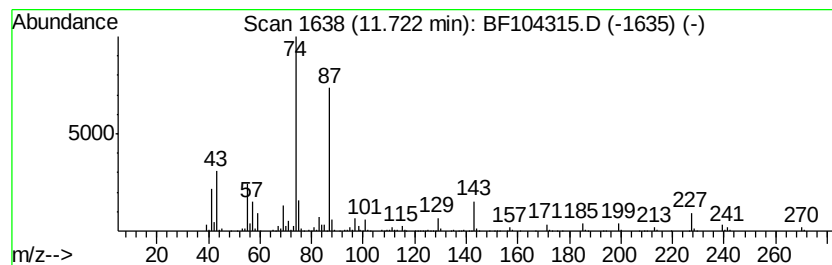
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	13.34 ng	549567	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	87



Data Path : Z:\HPCHEM1\BNA F\Data\BF040618\
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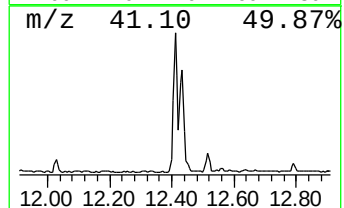
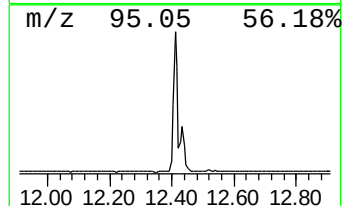
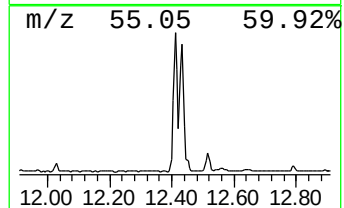
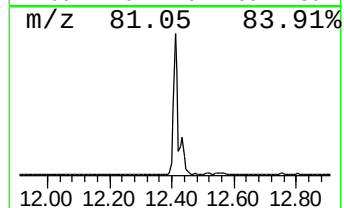
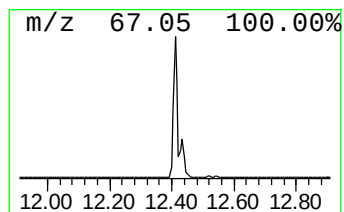
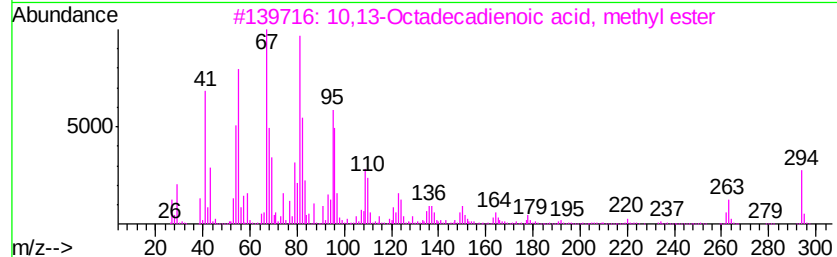
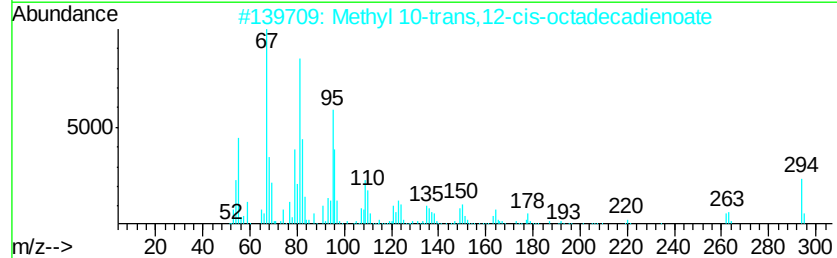
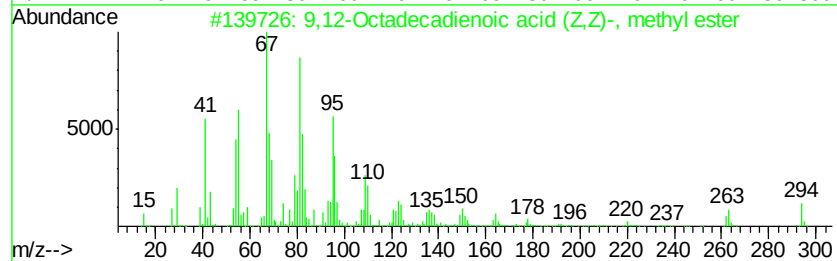
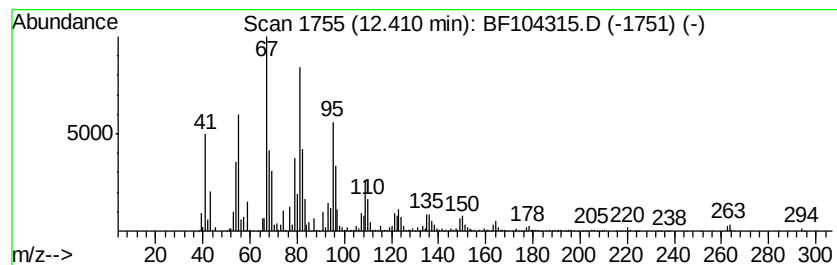
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	51.97 ng	2141200	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97



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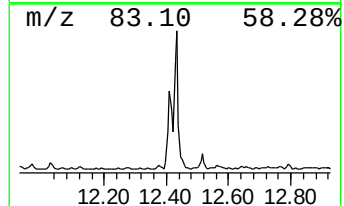
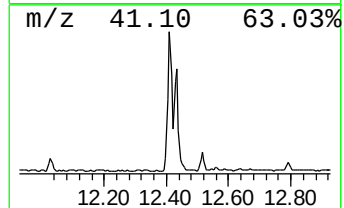
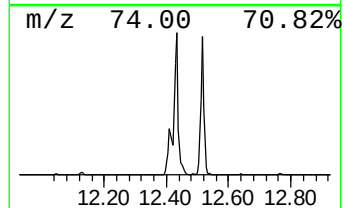
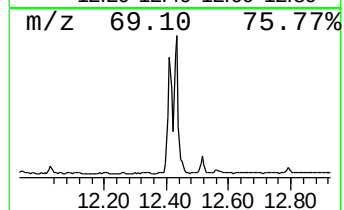
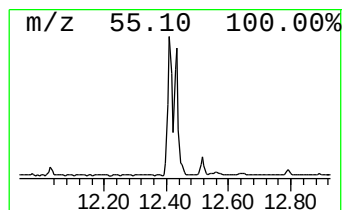
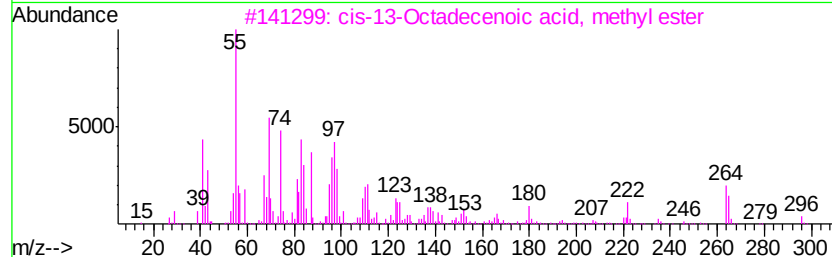
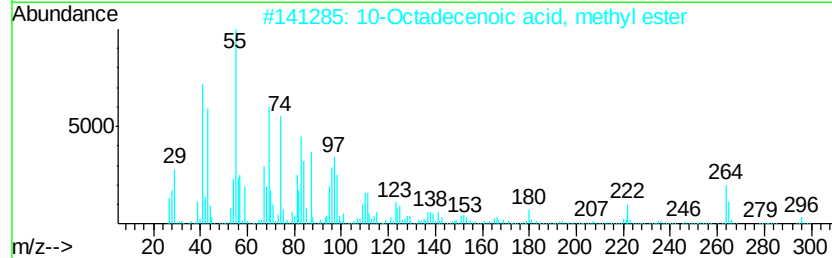
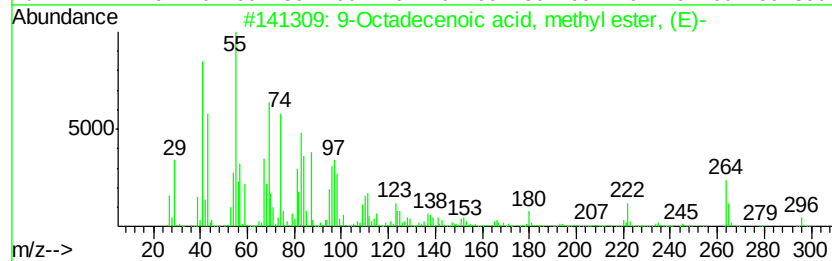
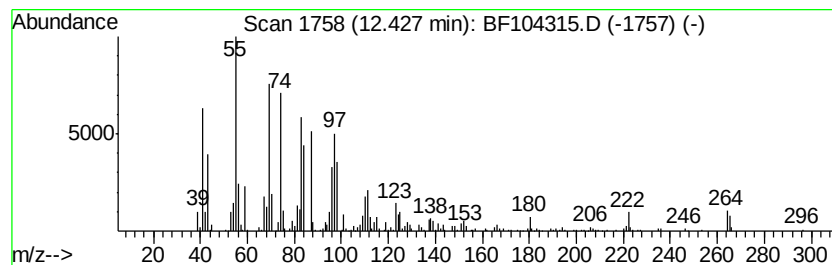
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid, methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	35.71 ng	1471360	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3		cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	98
5		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96



Data Path : Z:\HPCHEM1\BNA_F\Data\BF040618\
 Data File : BF104315.D
 Acq On : 6 Apr 2018 19:44
 Operator : JU/SJ
 Sample : J2153-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040418-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
unknown6.56	6.56	16.1	ng	1045110	1	6.80	1296750	20.0
Decane	6.64	19.7	ng	1274580	1	6.80	1296750	20.0
Benzene, 1-methyl...	7.08	11.9	ng	770740	1	6.80	1296750	20.0
Benzene, 2-ethyl...	7.12	12.7	ng	820103	1	6.80	1296750	20.0
Undecane, 2,3-dim...	8.68	14.7	ng	3234750	2	8.09	4411340	20.0
Tridecane, 1-iodo-	9.05	19.2	ng	984385	3	9.84	1025700	20.0
Undecane, 3-methyl-	9.08	10.2	ng	521010	3	9.84	1025700	20.0
Dodecane, 2,7,10-...	9.11	24.9	ng	1278930	3	9.84	1025700	20.0
Tetradecane	9.25	58.5	ng	2999380	3	9.84	1025700	20.0
Naphthalene, 1,2,...	9.32	12.9	ng	663435	3	9.84	1025700	20.0
Hexadecane	9.56	25.6	ng	1315210	3	9.84	1025700	20.0
unknown9.59	9.59	10.5	ng	536820	3	9.84	1025700	20.0
Pentadecane	9.77	35.9	ng	1841790	3	9.84	1025700	20.0
Pentadecane, 2,6,...	10.49	9.6	ng	489824	3	9.84	1025700	20.0
Hexadecanoic acid...	11.72	13.3	ng	549567	4	11.33	824020	20.0
9,12-Octadecadien...	12.41	52.0	ng	2141200	4	11.33	824020	20.0
9-Octadecenoic ac...	12.43	35.7	ng	1471360	4	11.33	824020	20.0