

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101452.D
 Acq On : 15 Dec 2017 19:27
 Operator : SJ/JU
 Sample : I6679-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121317-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	5.016	495	498	516	rVB	77165	116887	1.67%	0.242%
2	5.428	565	568	588	rBV	464543	739814	10.56%	1.529%
3	6.333	719	722	729	rBV2	69798	90057	1.28%	0.186%
4	6.451	739	742	753	rBV	545449	823259	11.75%	1.701%
5	6.586	761	765	770	rVV	780334	771956	11.01%	1.595%
6	6.633	770	773	780	rVB	285067	292091	4.17%	0.604%
7	6.810	800	803	809	rBV	995950	995375	14.20%	2.057%
8	6.969	827	830	838	rVB	633056	671695	9.58%	1.388%
9	7.080	843	849	852	rBV3	153537	211102	3.01%	0.436%
10	7.139	855	859	863	rVB2	153227	204720	2.92%	0.423%
11	7.186	863	867	872	rBV2	136514	207842	2.97%	0.429%
12	7.275	879	882	884	rBV2	77630	73773	1.05%	0.152%
13	7.339	888	893	897	rBV2	165033	217149	3.10%	0.449%
14	7.380	897	900	901	rBV2	475185	403205	5.75%	0.833%
15	7.398	901	903	907	rVB	973088	835258	11.92%	1.726%
16	7.451	907	912	915	rVB4	141150	201572	2.88%	0.416%
17	7.498	915	920	926	rBV5	99709	252164	3.60%	0.521%
18	7.580	932	934	936	rBV2	168472	130546	1.86%	0.270%
19	7.610	936	939	942	rVB3	174508	181505	2.59%	0.375%
20	7.710	948	956	958	rBV5	172210	315042	4.50%	0.651%
21	7.769	963	966	969	rVV2	258107	304092	4.34%	0.628%
22	7.804	969	972	974	rVV2	202277	219541	3.13%	0.454%
23	7.833	974	977	980	rVV2	526597	537248	7.67%	1.110%
24	7.880	983	985	987	rVV	219914	163886	2.34%	0.339%
25	7.904	987	989	992	rVV2	128883	144650	2.06%	0.299%
26	7.933	992	994	996	rVB	155300	111944	1.60%	0.231%
27	7.963	996	999	1001	rVB	112510	103581	1.48%	0.214%
28	8.069	1007	1017	1019	rBV	1663570	1653374	23.59%	3.416%
29	8.098	1019	1022	1027	rVV	1334473	1434853	20.47%	2.965%
30	8.145	1027	1030	1033	rVB2	657497	593959	8.47%	1.227%
31	8.175	1033	1035	1043	rVB7	191700	312065	4.45%	0.645%
32	8.245	1043	1047	1048	rBV3	121768	144593	2.06%	0.299%
33	8.292	1052	1055	1057	rVB2	255377	217385	3.10%	0.449%
34	8.380	1066	1070	1075	rVB5	388657	498526	7.11%	1.030%

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35	8.427	1076	1078	1082	rVV3	161362	182558	2.60%	0.377%
36	8.463	1082	1084	1088	rVB2	269264	265355	3.79%	0.548%
37	8.504	1088	1091	1094	rBV	617356	510931	7.29%	1.056%
38	8.527	1094	1095	1099	rVB3	105938	84758	1.21%	0.175%
39	8.598	1104	1107	1109	rBV2	403954	328462	4.69%	0.679%
40	8.627	1109	1112	1115	rBV5	118173	123022	1.76%	0.254%
41	8.680	1117	1121	1124	rVB	1454466	1212771	17.30%	2.506%
42	8.722	1124	1128	1129	rBV4	58039	74459	1.06%	0.154%
43	8.757	1132	1134	1135	rBV2	91855	85779	1.22%	0.177%
44	8.874	1150	1154	1155	rBV4	84904	114254	1.63%	0.236%
45	8.916	1158	1161	1163	rBV2	320374	252188	3.60%	0.521%
46	8.957	1166	1168	1170	rBV3	190020	181310	2.59%	0.375%
47	9.039	1179	1182	1184	rBV2	310879	277944	3.97%	0.574%
48	9.080	1187	1189	1191	rVB	231106	149069	2.13%	0.308%
49	9.104	1191	1193	1196	rBV	467214	368867	5.26%	0.762%
50	9.169	1201	1204	1208	rBV	988033	820751	11.71%	1.696%
51	9.245	1213	1217	1220	rBV	1276147	1187659	16.95%	2.454%
52	9.280	1221	1223	1227	rVV5	136173	183177	2.61%	0.378%
53	9.322	1227	1230	1232	rVB	192762	178197	2.54%	0.368%
54	9.439	1247	1250	1254	rVB4	79714	112032	1.60%	0.231%
55	9.498	1255	1260	1262	rBV2	124976	195710	2.79%	0.404%
56	9.563	1266	1271	1273	rBV4	377228	467380	6.67%	0.966%
57	9.621	1279	1281	1284	rVB2	141763	111867	1.60%	0.231%
58	9.716	1294	1297	1299	rBV2	98517	95581	1.36%	0.197%
59	9.769	1303	1306	1311	rVB	852817	783056	11.17%	1.618%
60	9.810	1311	1313	1315	rBV2	67753	70906	1.01%	0.147%
61	9.851	1317	1320	1324	rVB	1128403	1048077	14.95%	2.165%
62	9.951	1334	1337	1342	rVB6	60250	72371	1.03%	0.150%
63	9.998	1342	1345	1348	rBV3	83845	121718	1.74%	0.251%
64	10.027	1348	1350	1352	rVV	112944	99349	1.42%	0.205%
65	10.057	1353	1355	1358	rVV2	95987	89323	1.27%	0.185%
66	10.092	1358	1361	1365	rVV3	179410	194324	2.77%	0.402%
67	10.127	1365	1367	1370	rVB	102048	84632	1.21%	0.175%
68	10.169	1371	1374	1377	rBV4	64428	91771	1.31%	0.190%
69	10.269	1386	1391	1394	rBV	644558	569712	8.13%	1.177%
70	10.486	1423	1428	1431	rBV	208823	265124	3.78%	0.548%
71	10.651	1452	1456	1464	rBV	317266	408672	5.83%	0.844%

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72	10.745	1469	1472	1481	rVB	474787	603984	8.62%	1.248%
73	11.192	1545	1548	1550	rBV	311524	239620	3.42%	0.495%
74	11.221	1550	1553	1555	rVB	93778	88850	1.27%	0.184%
75	11.345	1570	1574	1577	rBV	1148585	1091364	15.57%	2.255%
76	11.368	1577	1578	1583	rVV	214387	159142	2.27%	0.329%
77	11.615	1618	1620	1623	rBV	193280	157362	2.25%	0.325%
78	11.721	1634	1638	1642	rVB	2915321	2717412	38.77%	5.615%
79	11.851	1657	1660	1663	rBV3	48965	72707	1.04%	0.150%
80	11.963	1676	1679	1681	rBV3	83142	76442	1.09%	0.158%
81	12.027	1687	1690	1697	rBV	156257	168141	2.40%	0.347%
82	12.421	1750	1757	1758	rBV	5023798	7008574	100.00%	14.481%
83	12.439	1758	1760	1766	rVV2	4792665	4811835	68.66%	9.942%
84	12.515	1769	1773	1776	rVB	1509943	1234096	17.61%	2.550%
85	12.562	1777	1781	1785	rBV	445743	439278	6.27%	0.908%
86	12.792	1815	1820	1826	rVB2	416254	515565	7.36%	1.065%
87	12.927	1839	1843	1846	rBV	721766	610628	8.71%	1.262%
88	13.115	1870	1875	1878	rBV5	83963	164391	2.35%	0.340%
89	13.239	1891	1896	1902	rBV2	147066	177459	2.53%	0.367%
90	13.351	1912	1915	1918	rBV2	74712	76910	1.10%	0.159%
91	13.809	1991	1993	1997	rVB2	89239	93386	1.33%	0.193%
92	13.909	2007	2010	2013	rBV2	129761	143034	2.04%	0.296%
93	13.992	2020	2024	2027	rVV2	966512	1026538	14.65%	2.121%
94	14.021	2027	2029	2032	rVB	151470	125286	1.79%	0.259%
95	15.039	2199	2202	2205	rBV	125574	183268	2.61%	0.379%
96	15.345	2251	2254	2258	rBV	79709	83911	1.20%	0.173%
97	15.409	2262	2265	2267	rVV	100905	111653	1.59%	0.231%
98	15.468	2271	2275	2279	rVB	479856	580447	8.28%	1.199%

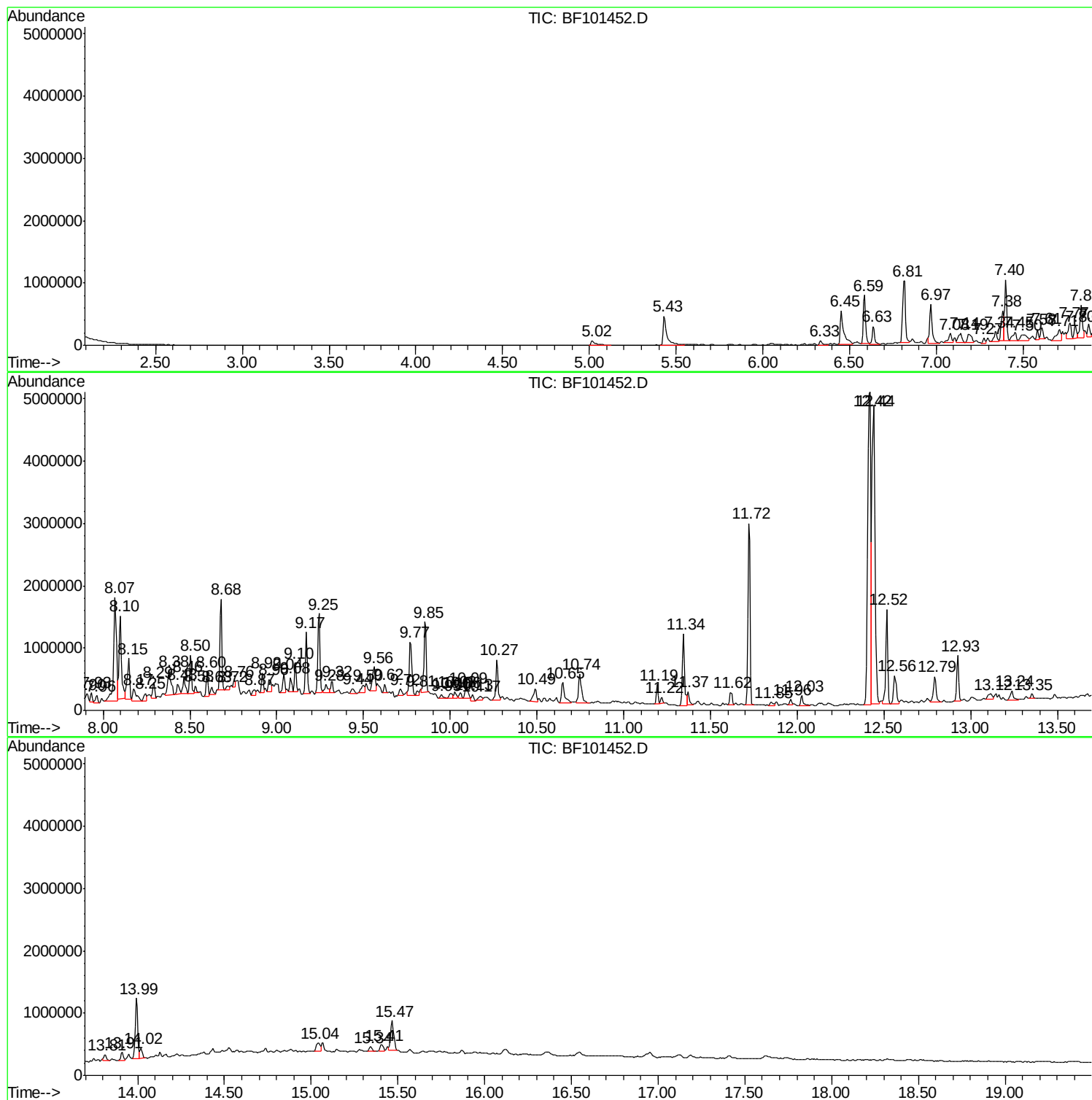
Sum of corrected areas: 48399108

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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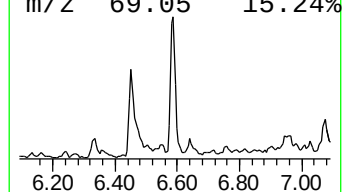
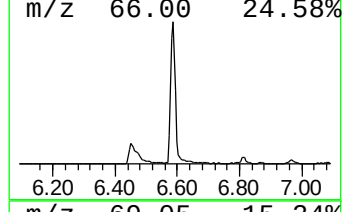
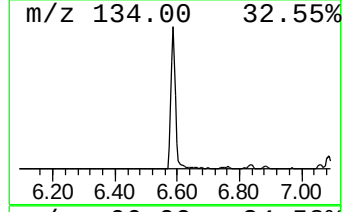
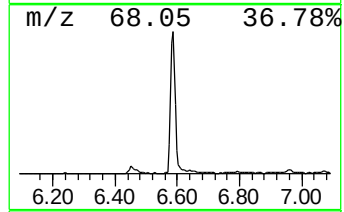
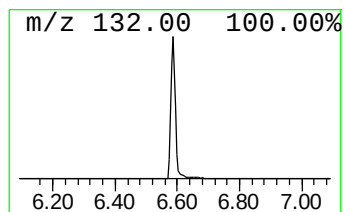
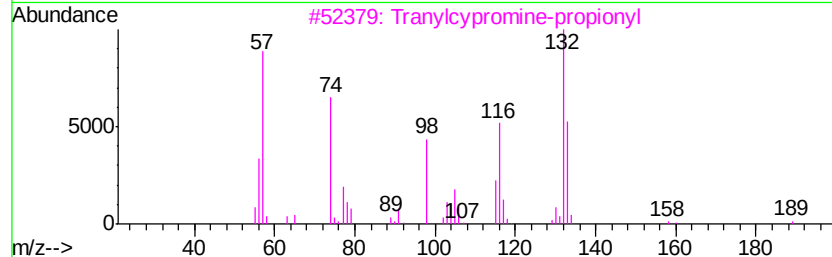
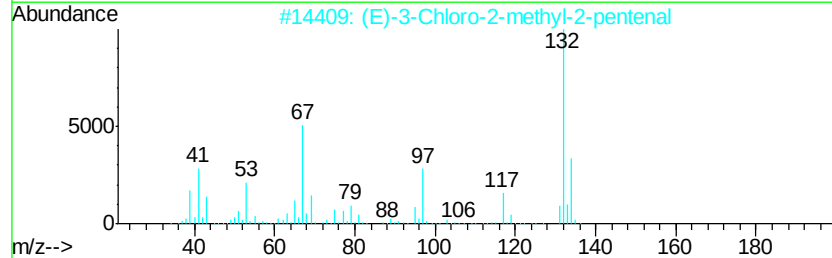
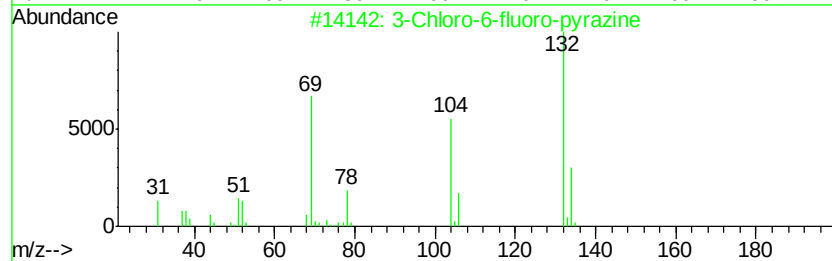
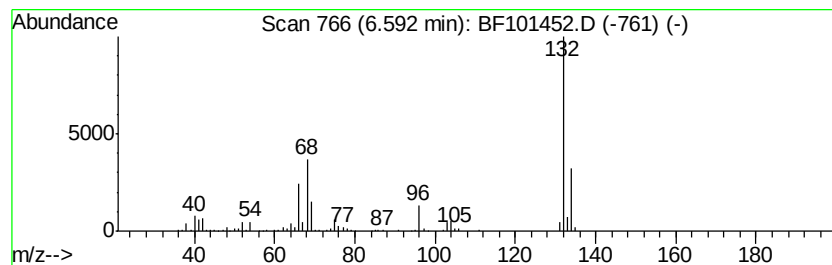
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	15.51 ng	771956	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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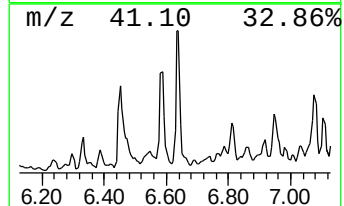
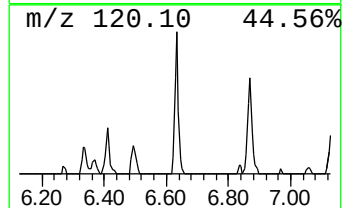
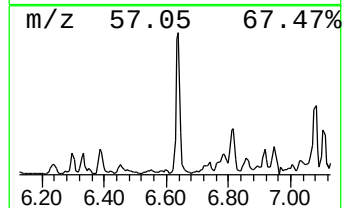
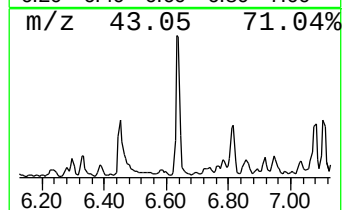
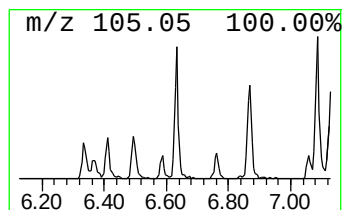
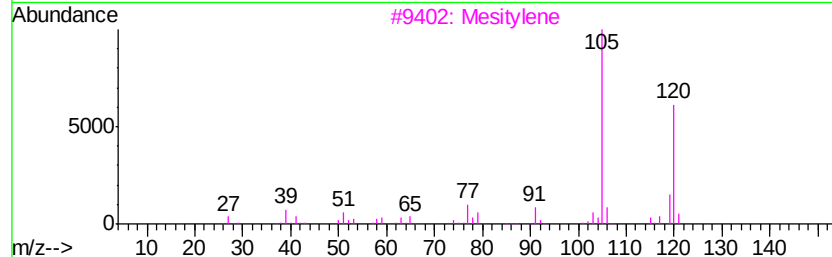
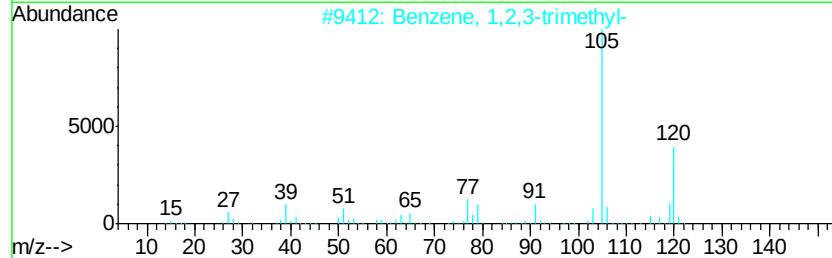
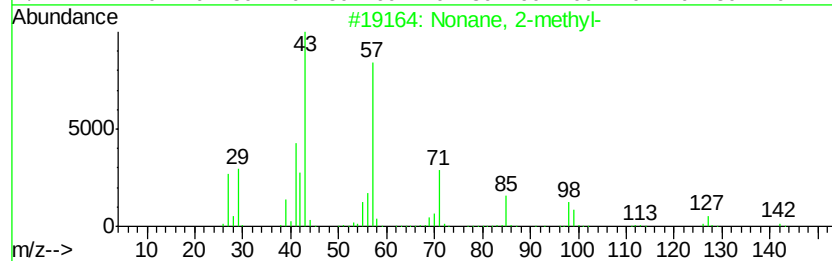
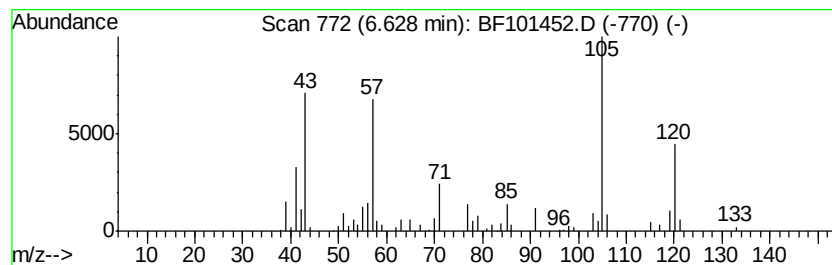
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	5.87 ng	292091	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2-methyl-	142	C10H22	000871-83-0	43
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
3		Mesitylene	120	C9H12	000108-67-8	42
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	38



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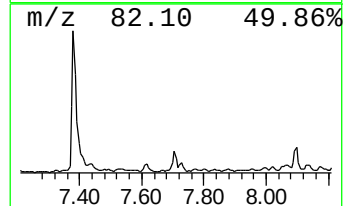
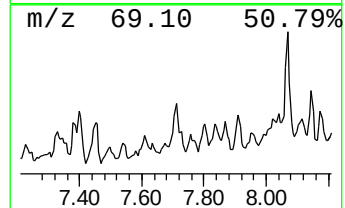
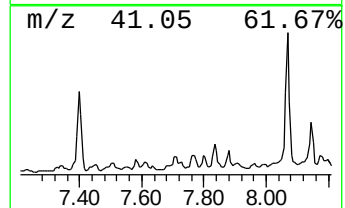
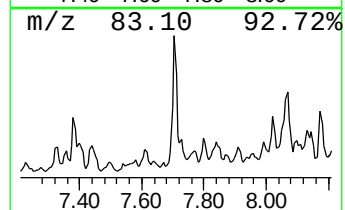
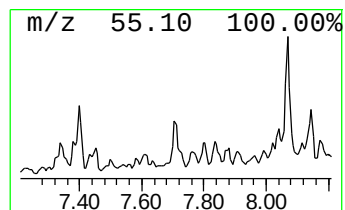
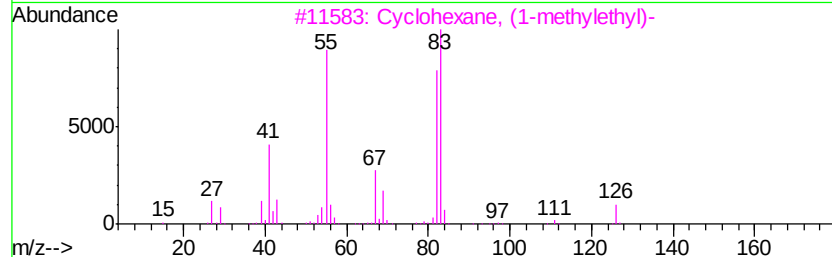
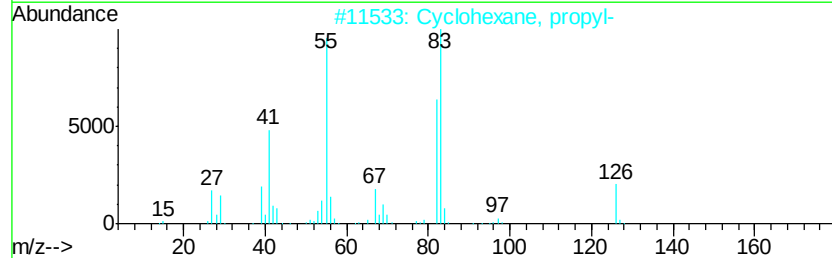
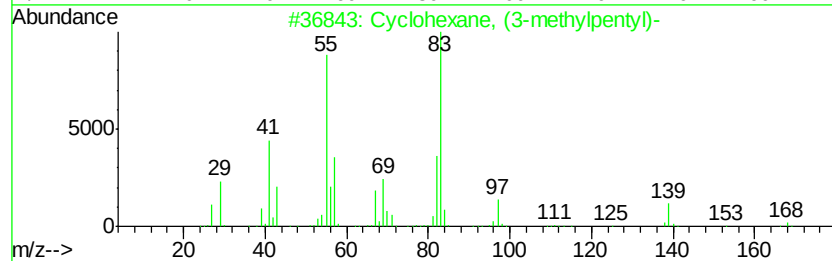
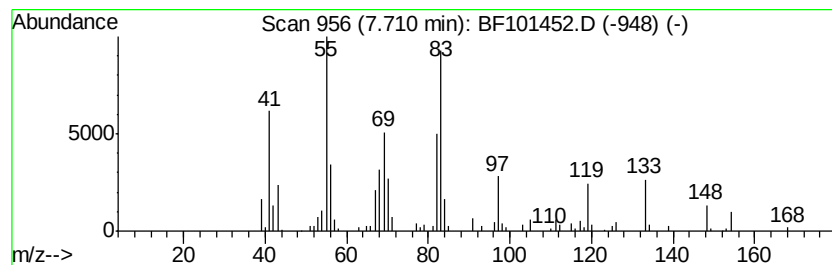
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Peak Number 4 unknown7.71 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	4.39 ng	315042	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	46
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	43
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4		5-Undecene, (Z)-	154	C11H22	000764-96-5	25
5		1-Pentene, 3-ethyl-3-methyl-	112	C8H16	006196-60-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-121317-B

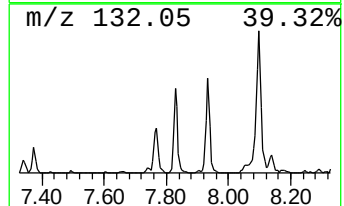
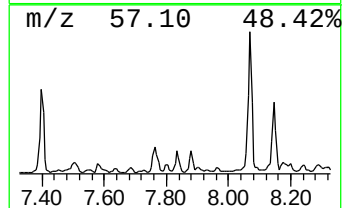
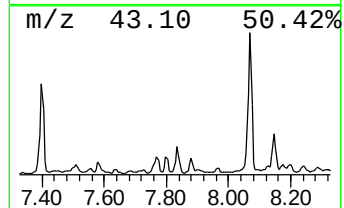
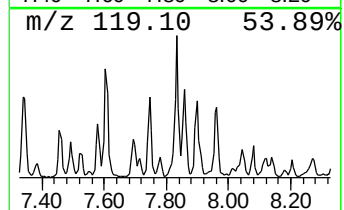
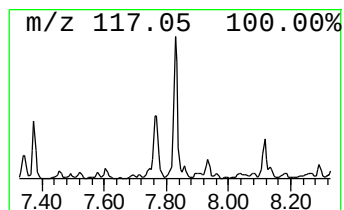
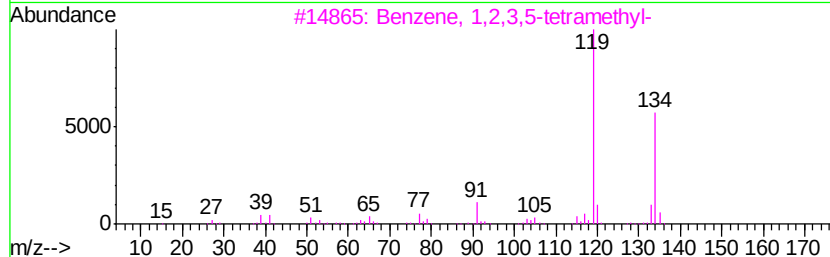
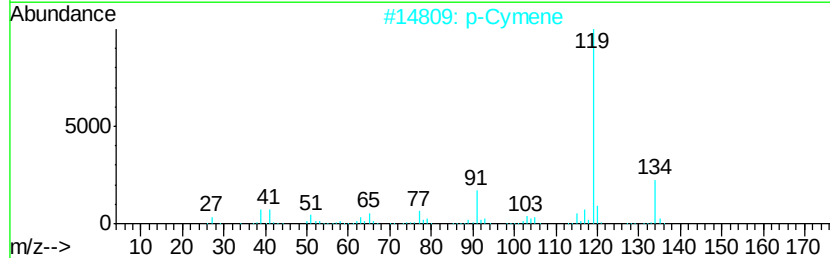
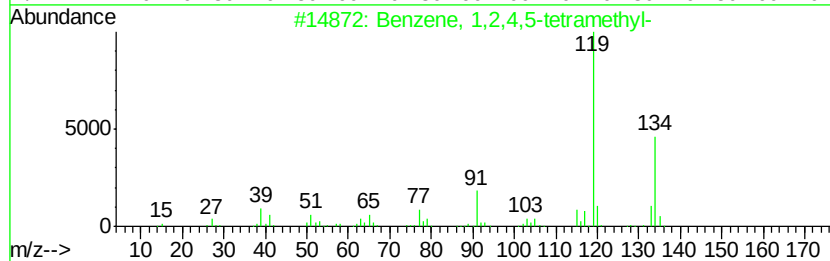
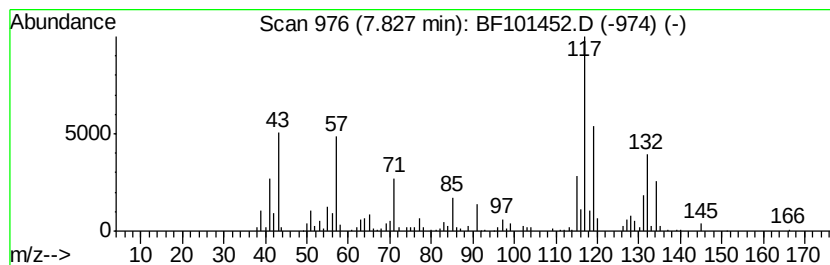
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.83 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	7.49 ng	537248	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
2		p-Cymene	134	C10H14	000099-87-6	38
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
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ClientSampleId :
HR-05-121317-B

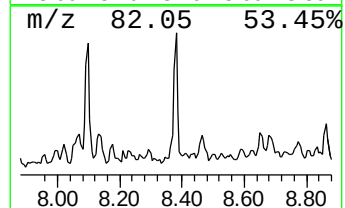
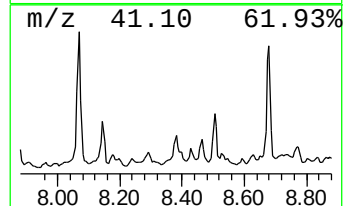
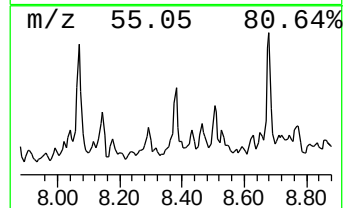
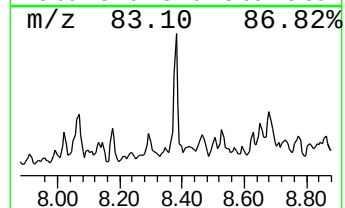
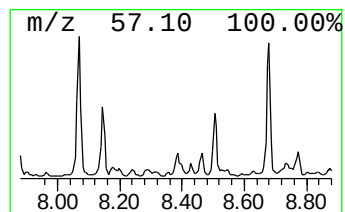
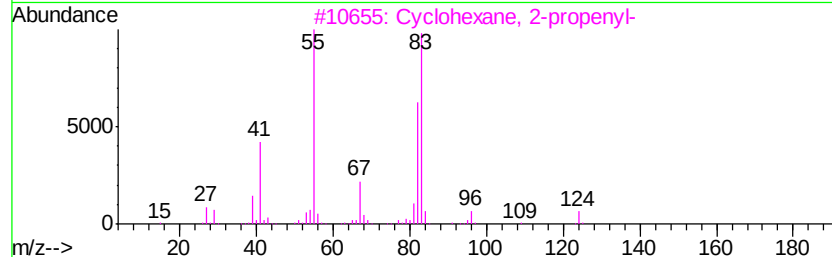
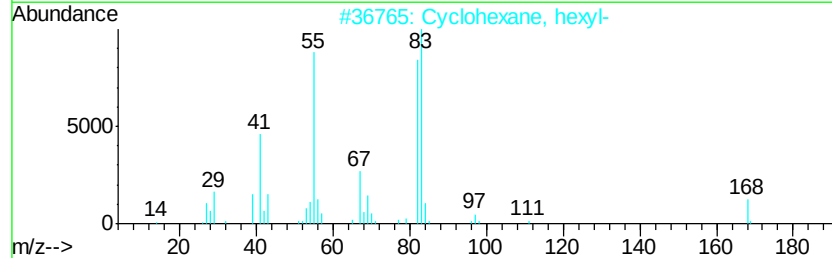
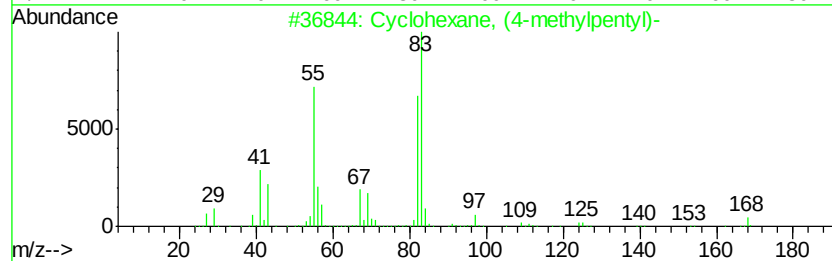
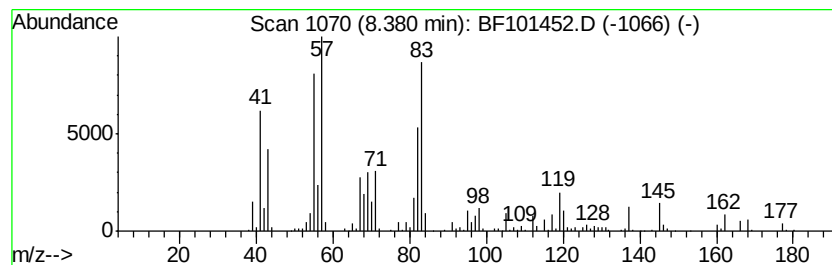
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	6.95 ng	498526	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	53
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	49
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	47
4		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	47
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
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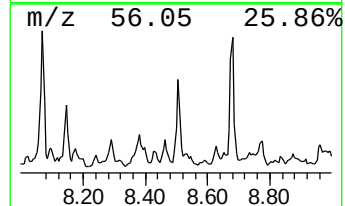
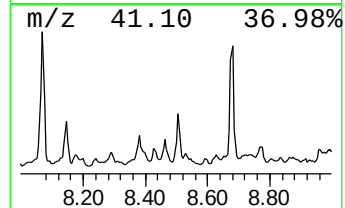
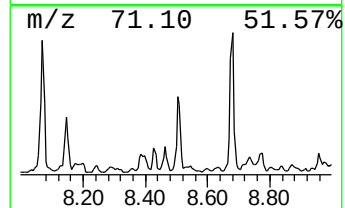
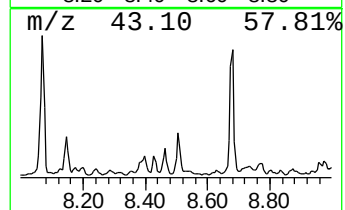
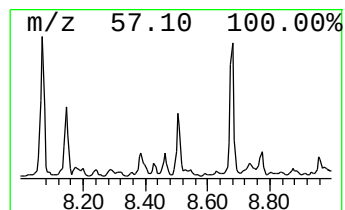
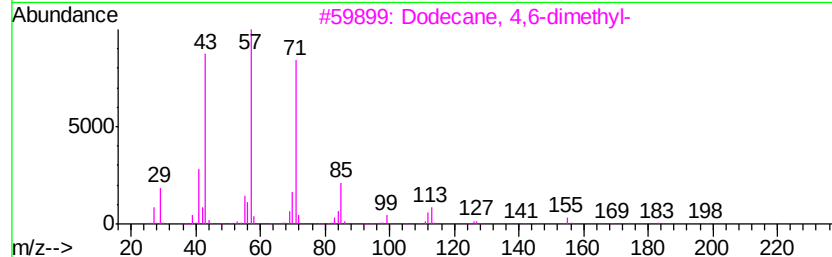
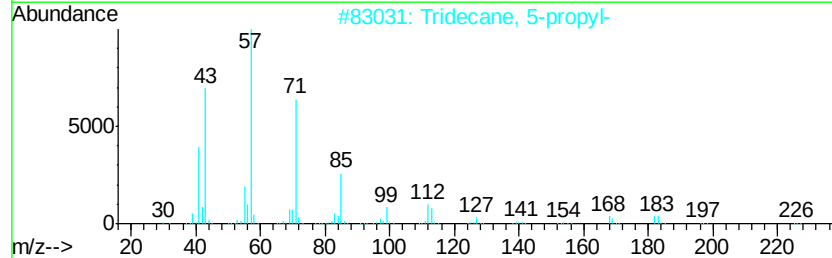
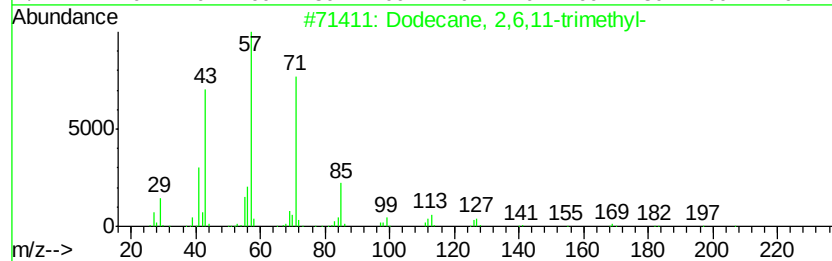
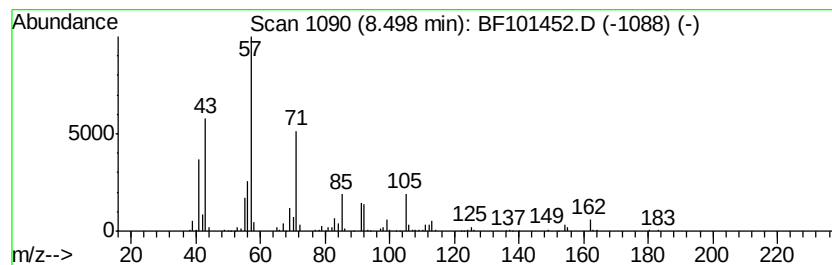
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,11-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	7.12 ng	510931	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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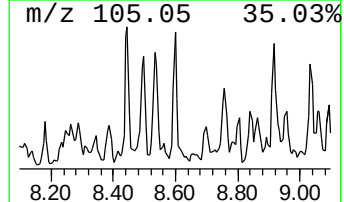
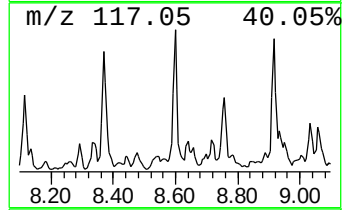
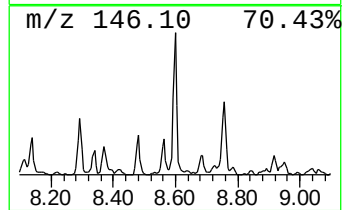
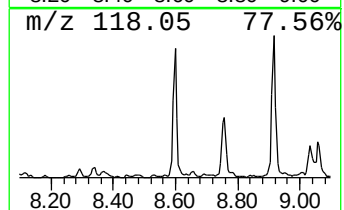
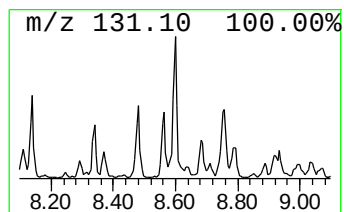
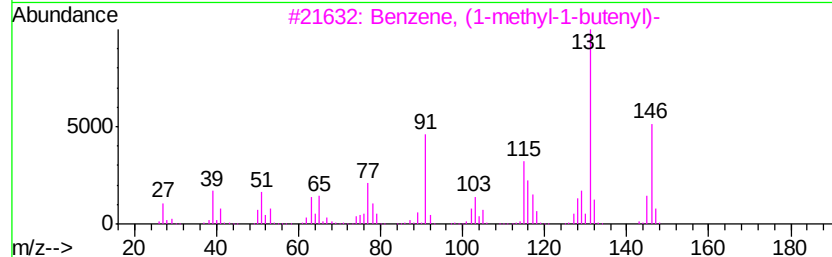
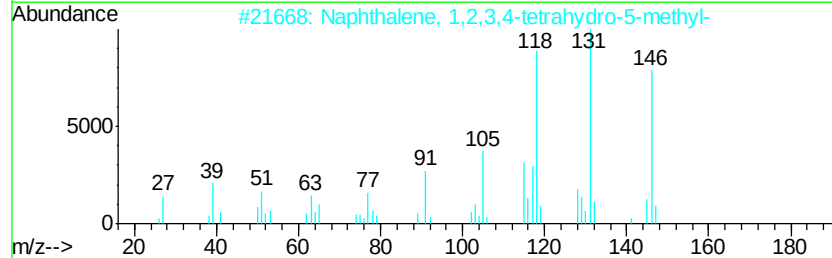
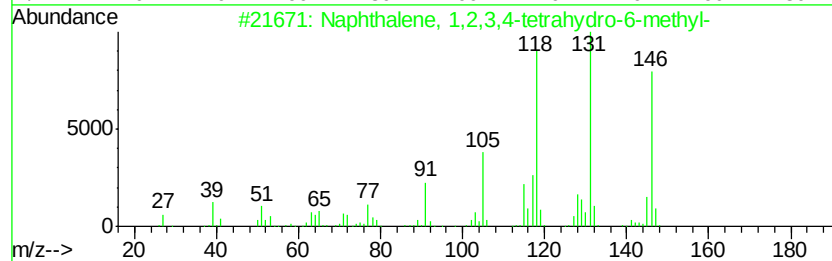
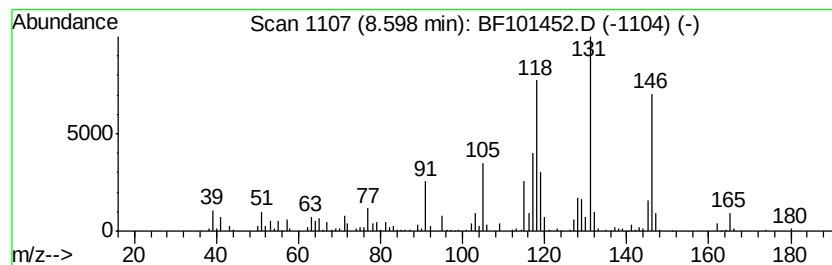
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.58 ng	328462	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
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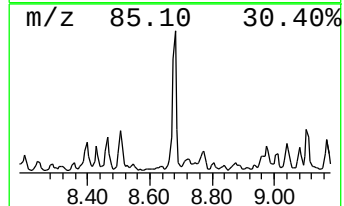
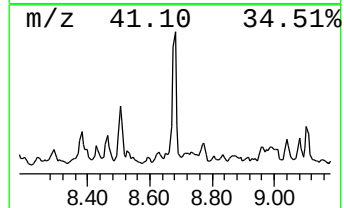
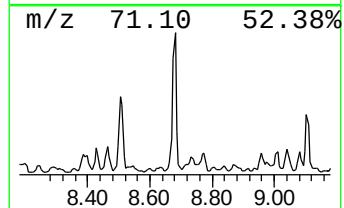
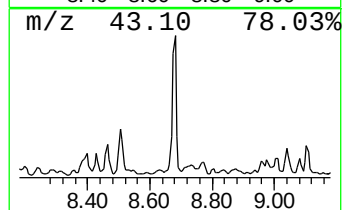
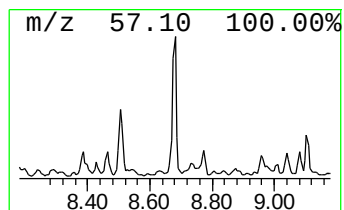
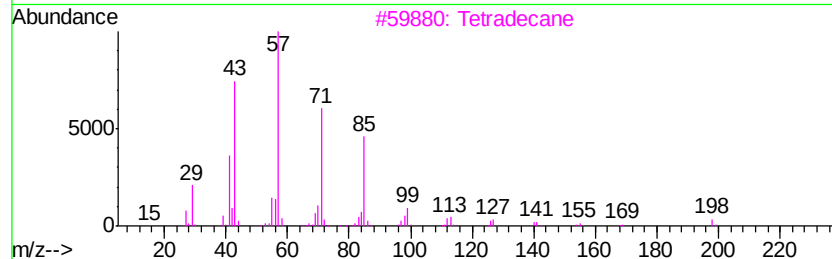
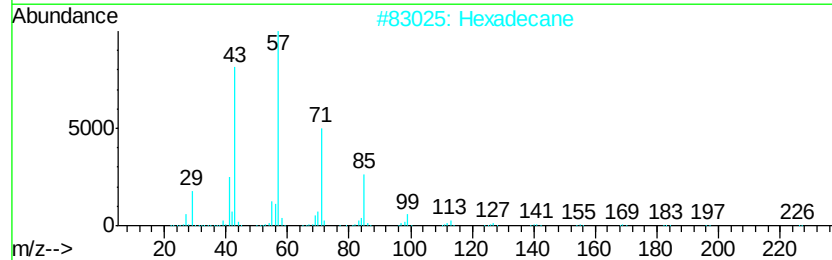
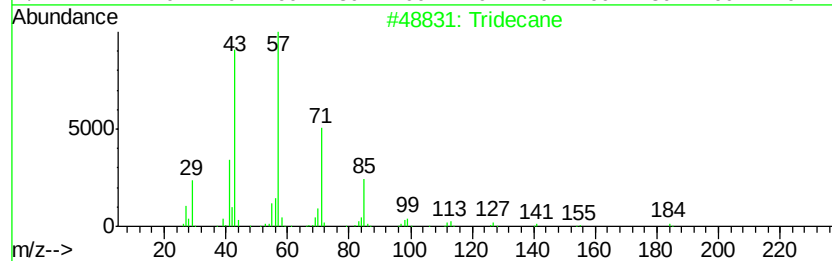
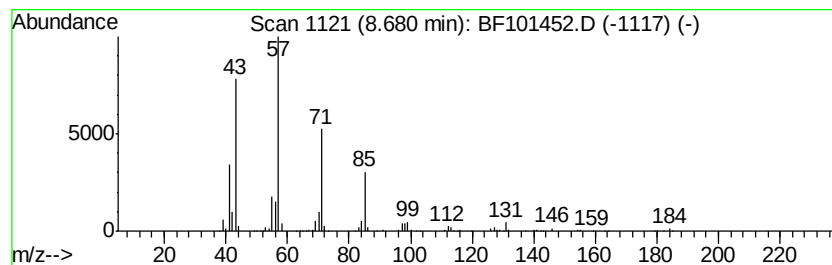
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	16.90 ng	1212770	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Hexadecane	226	C16H34	000544-76-3	80
3		Tetradecane	198	C14H30	000629-59-4	78
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
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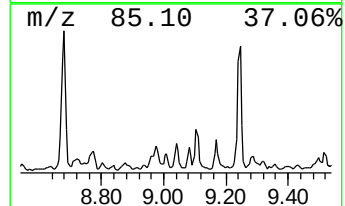
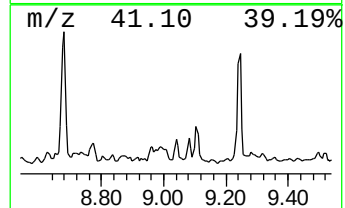
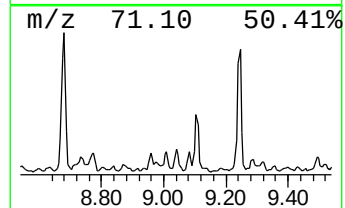
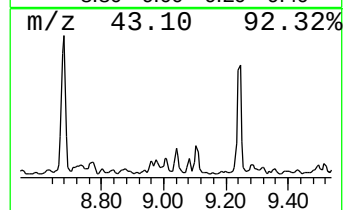
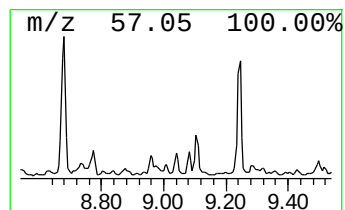
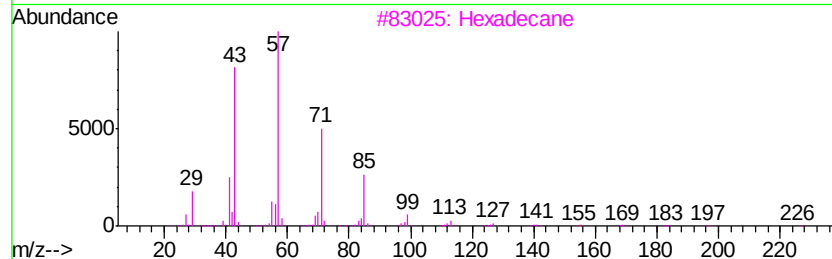
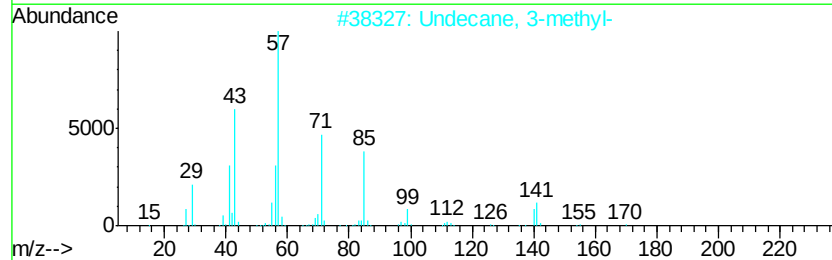
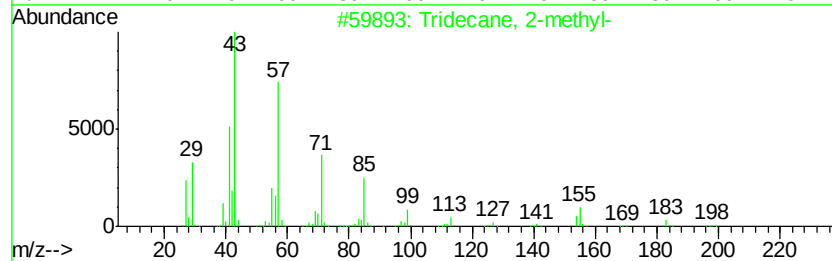
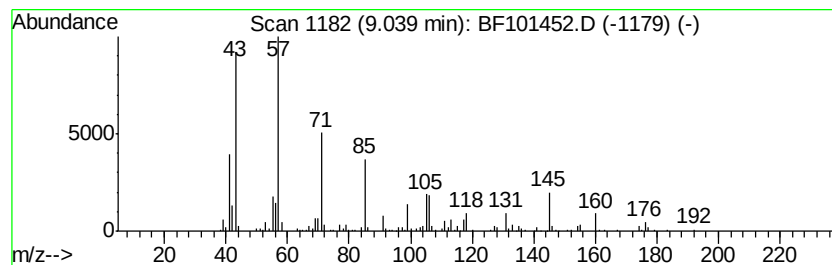
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.04 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	5.30 ng	277944	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	47
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	47
3		Hexadecane	226	C16H34	000544-76-3	43
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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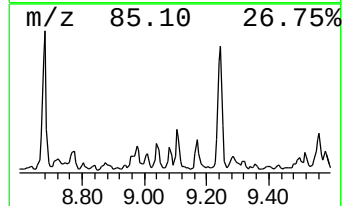
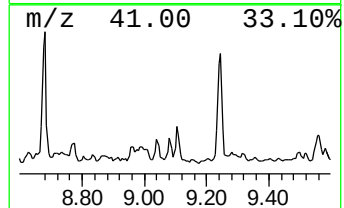
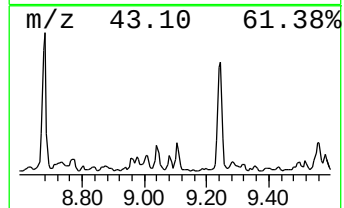
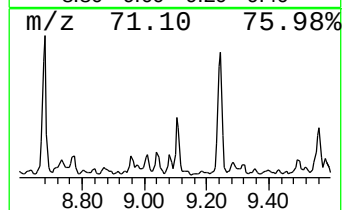
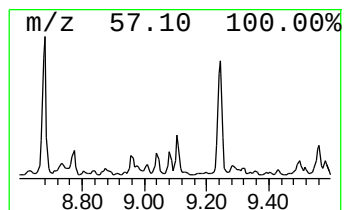
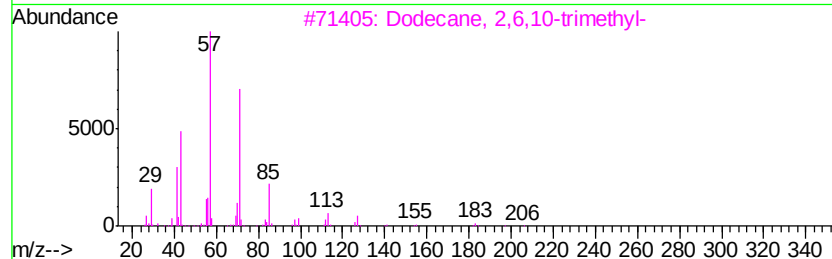
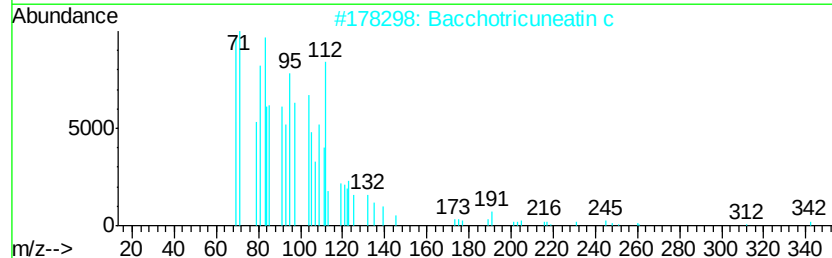
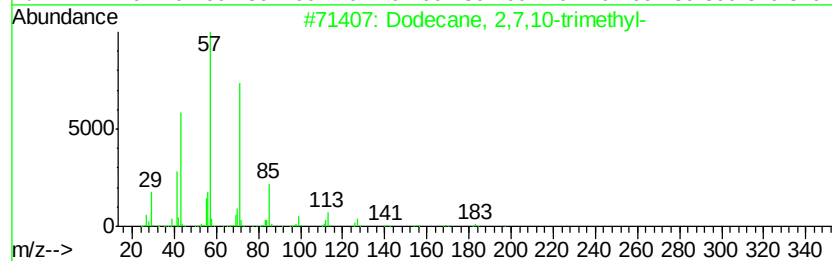
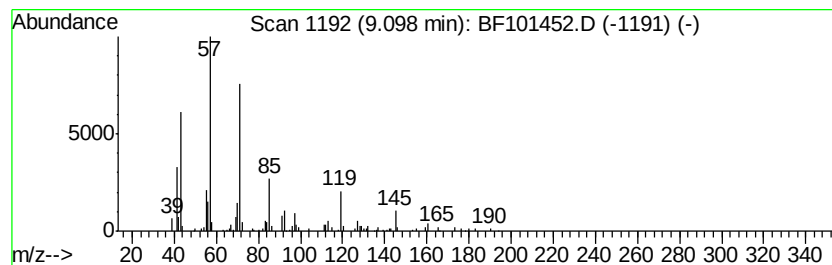
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.10	7.04 ng	368867	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

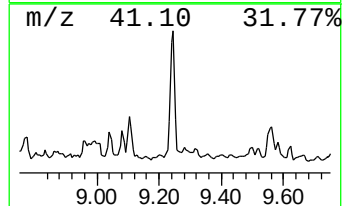
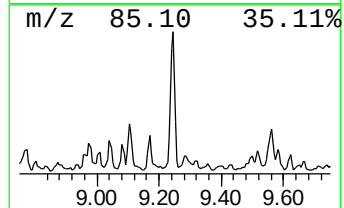
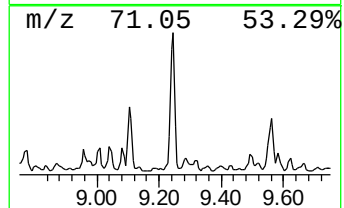
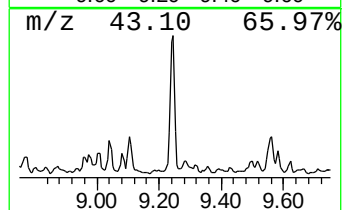
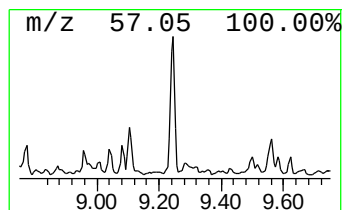
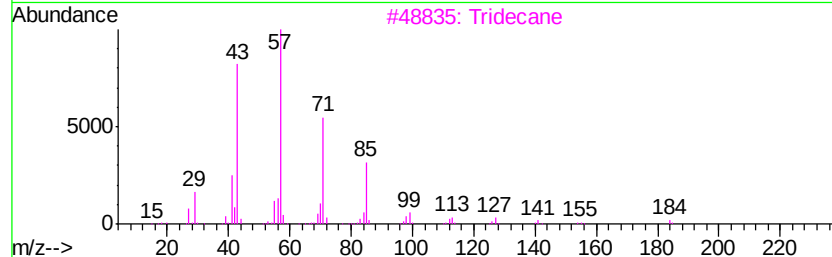
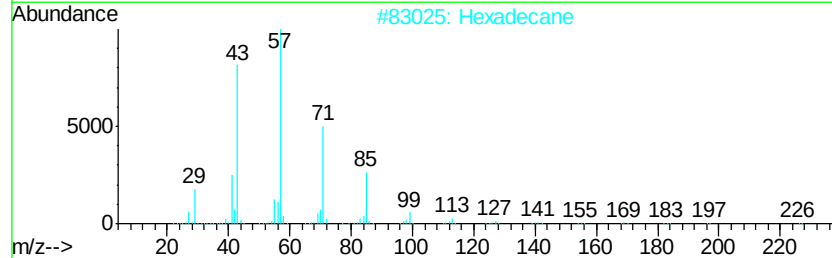
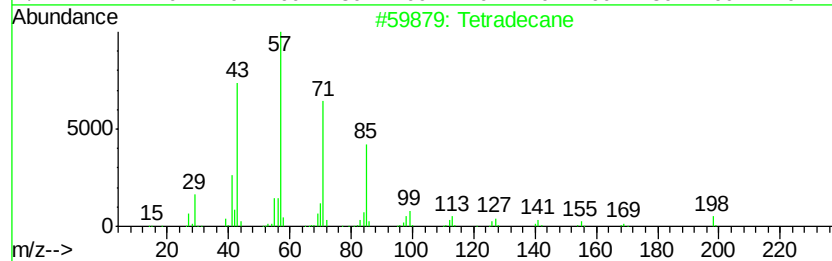
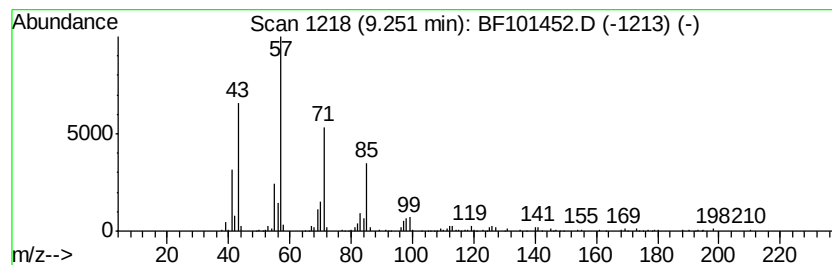
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	22.66 ng	1187660	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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Misc :
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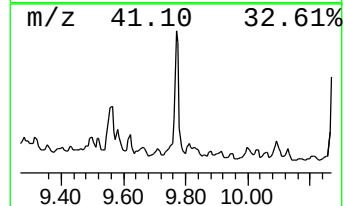
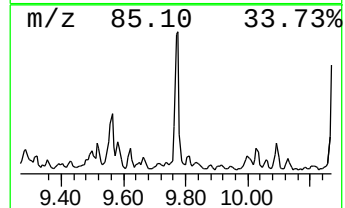
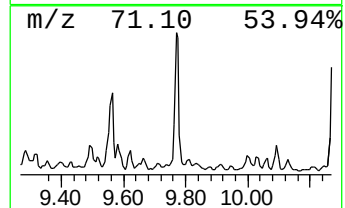
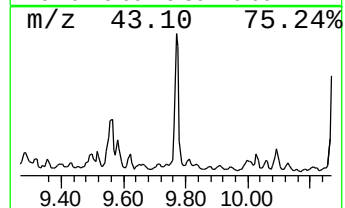
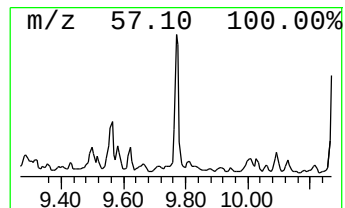
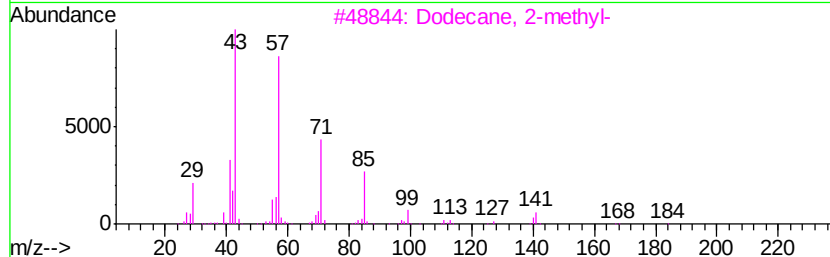
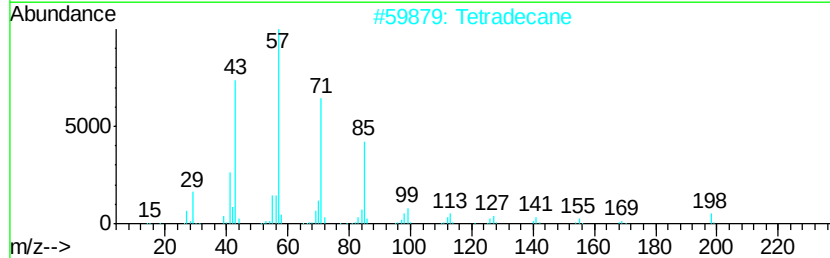
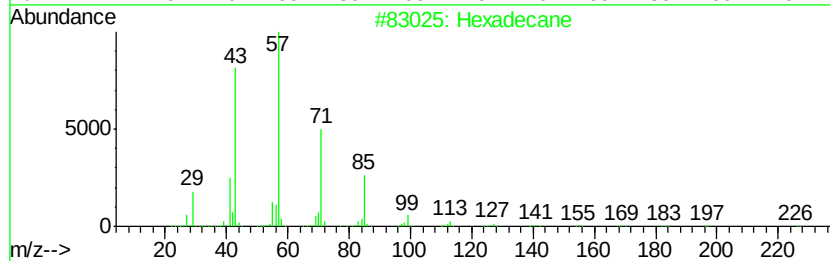
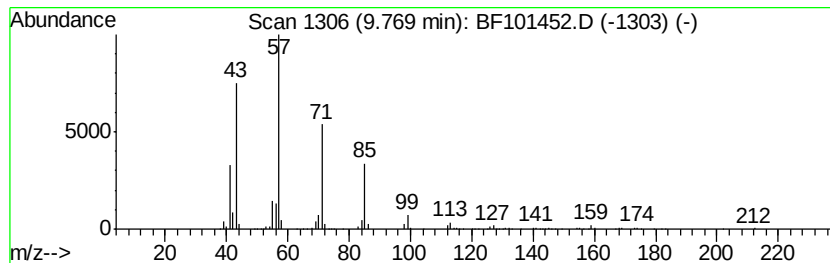
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	14.94 ng	783056	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Tetradecane	198 C14H30	000629-59-4	72
3	Dodecane, 2-methyl-	184 C13H28	001560-97-0	64
4	Pentadecane	212 C15H32	000629-62-9	64
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
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Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

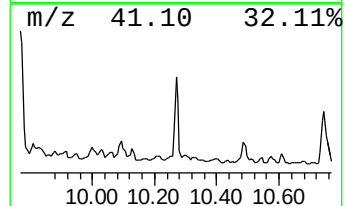
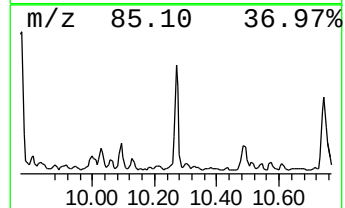
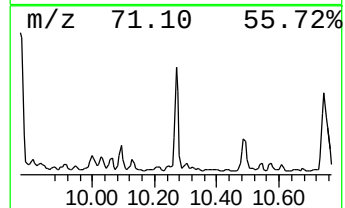
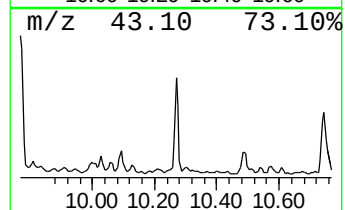
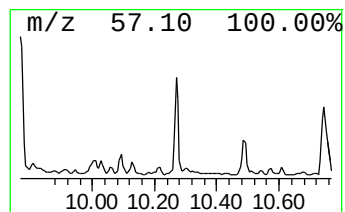
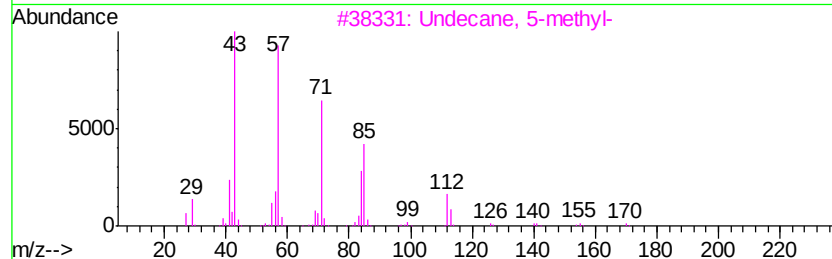
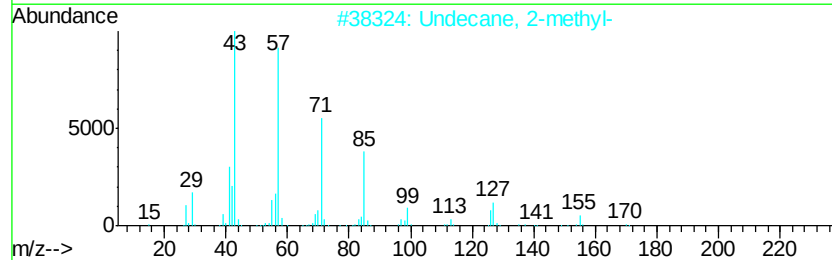
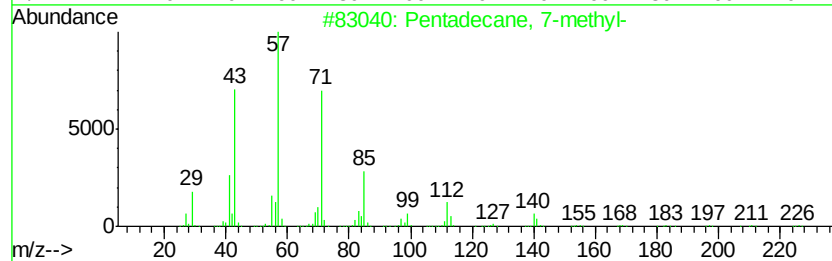
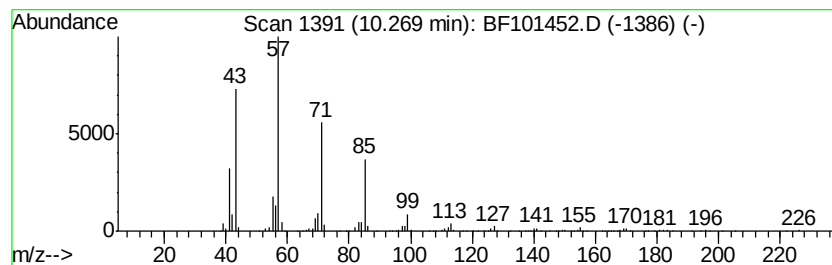
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	10.87 ng	569712	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 91
2		Undecane, 2-methyl-	170 C12H26	007045-71-8 91
3		Undecane, 5-methyl-	170 C12H26	001632-70-8 87
4		Hexadecane	226 C16H34	000544-76-3 87
5		Tetradecane	198 C14H30	000629-59-4 86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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Sample : I6679-05 5X
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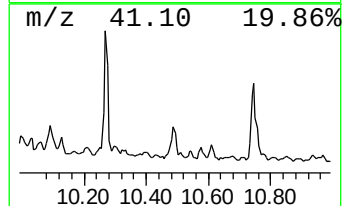
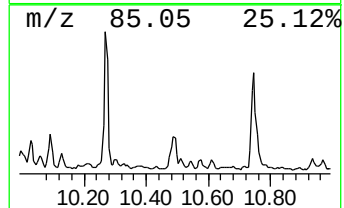
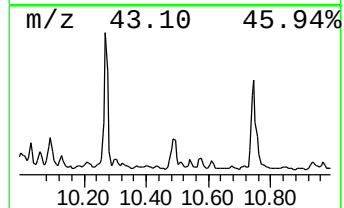
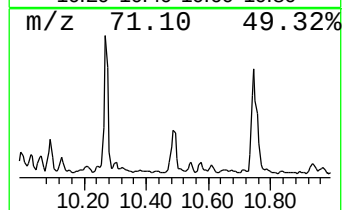
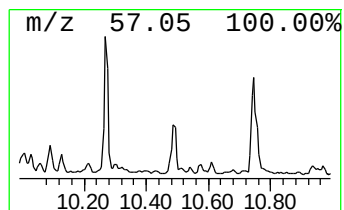
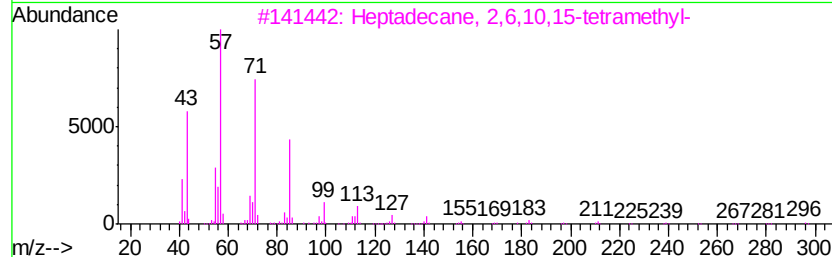
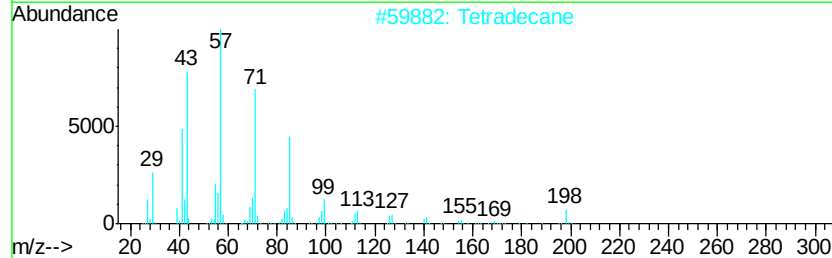
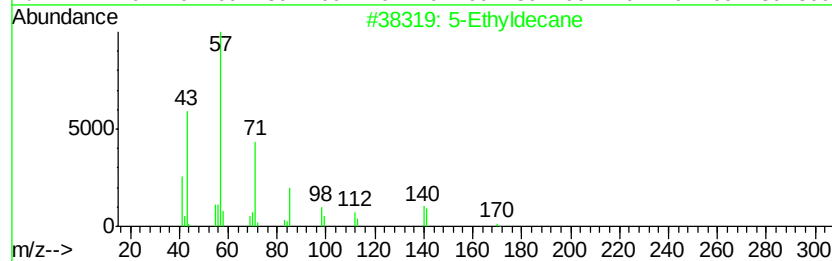
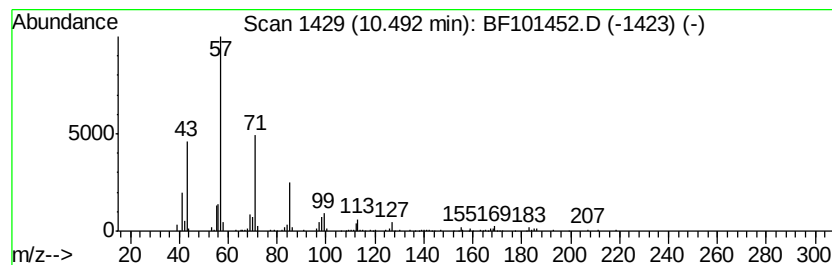
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 5-Ethyldecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	5.06 ng	265124	Acenaphthene-d10	9.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	90
2	Tetradecane	198	C14H30	000629-59-4	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
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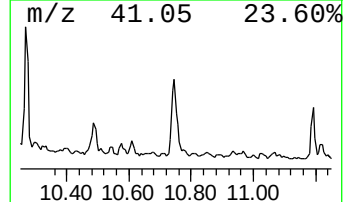
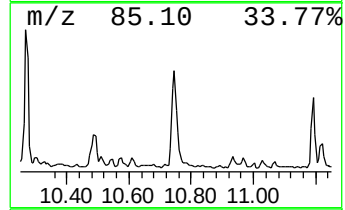
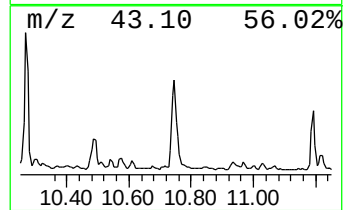
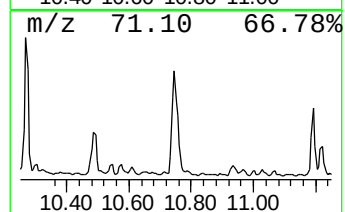
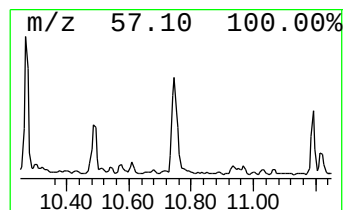
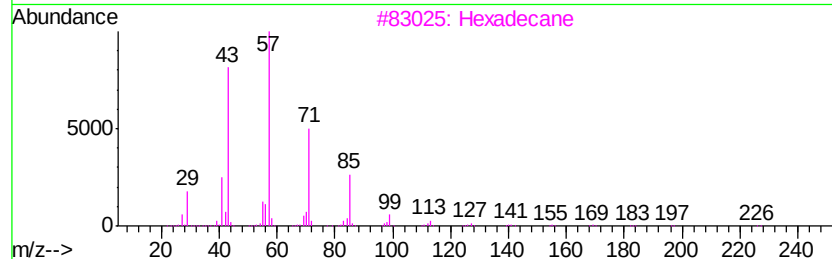
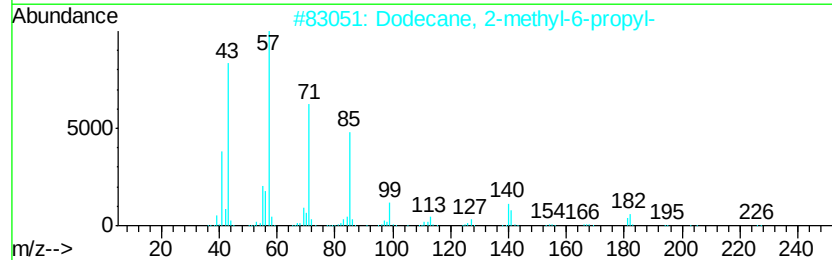
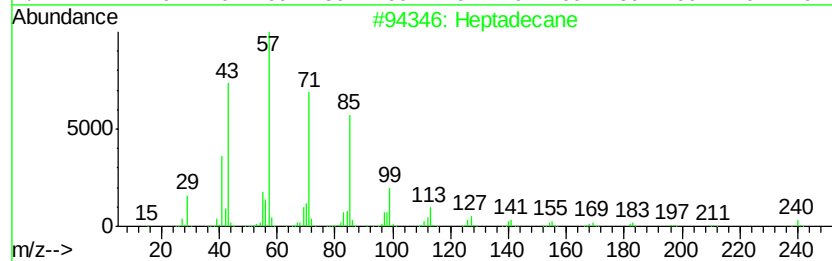
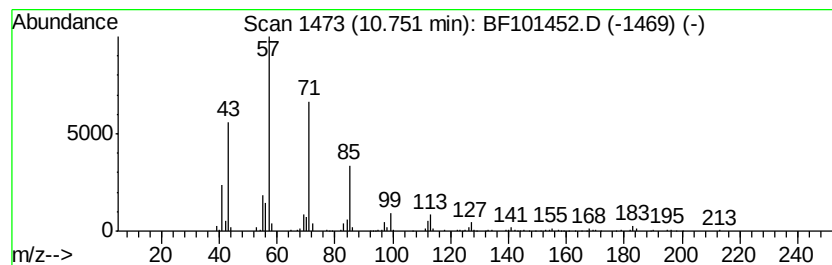
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	11.07 ng	603984	Phenanthrene-d10	11.34
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	95
2	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	90
3	Hexadecane	226 C16H34	000544-76-3	90
4	Eicosane	282 C20H42	000112-95-8	90
5	Heptacosane	380 C27H56	000593-49-7	86



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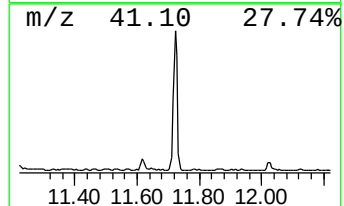
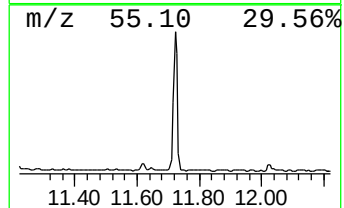
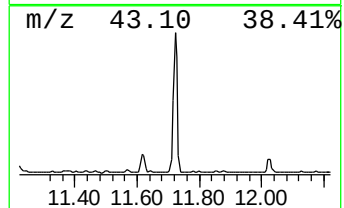
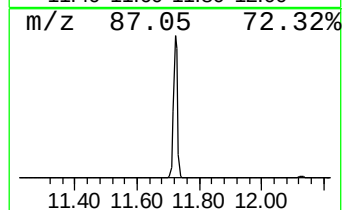
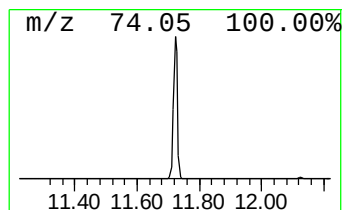
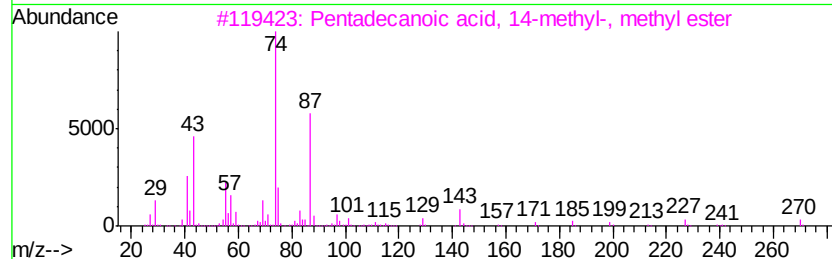
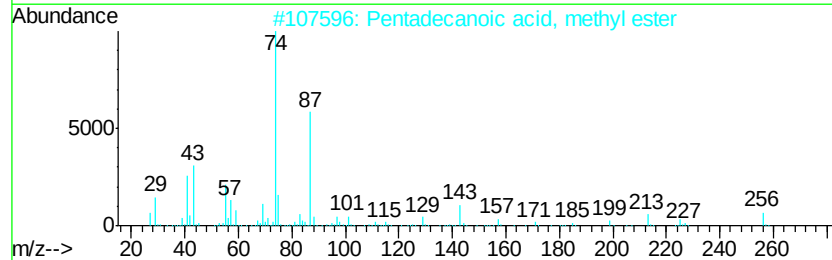
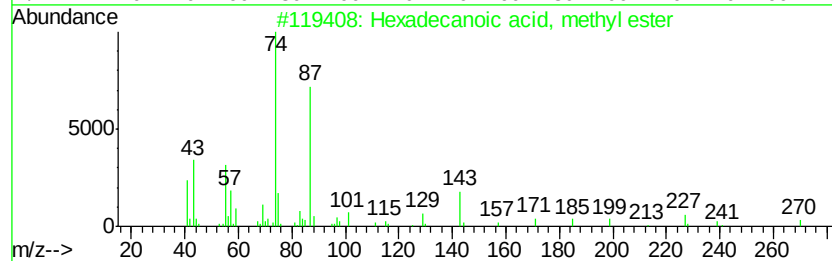
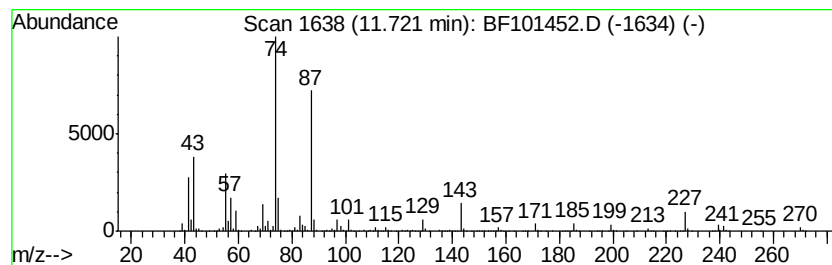
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	49.80 ng	2717410	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80



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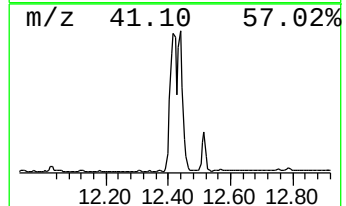
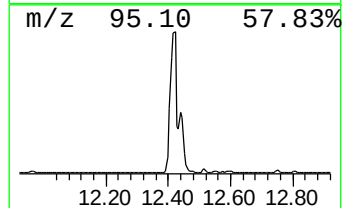
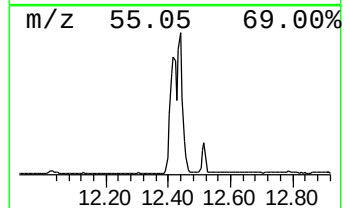
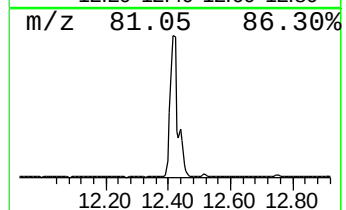
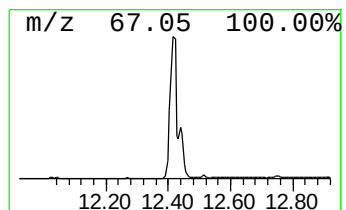
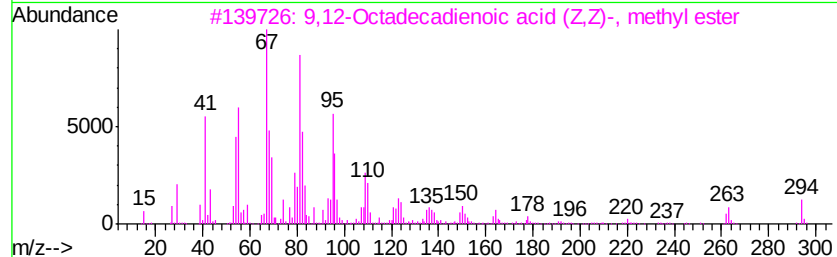
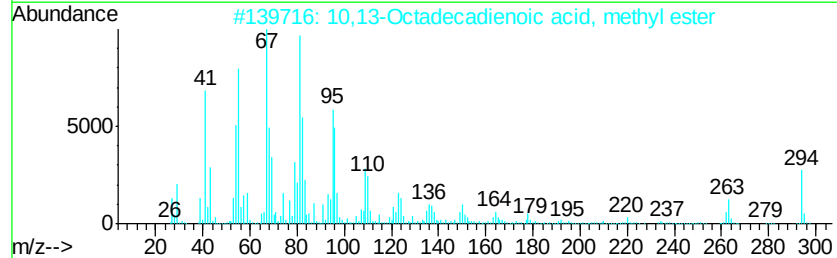
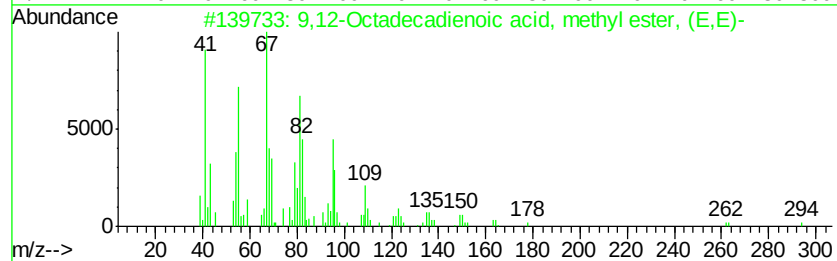
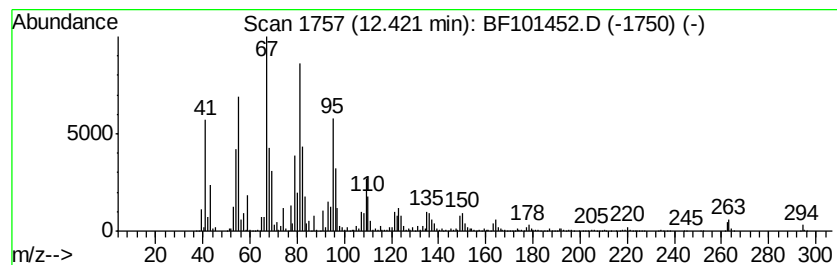
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	128.44 ng	7008570	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101452.D
Acq On : 15 Dec 2017 19:27
Operator : SJ/JU
Sample : I6679-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-121317-B

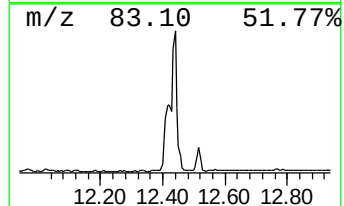
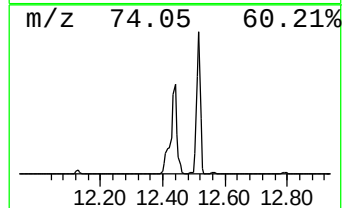
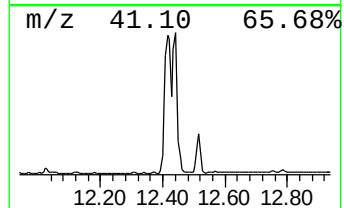
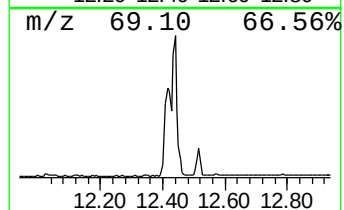
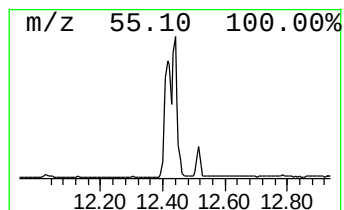
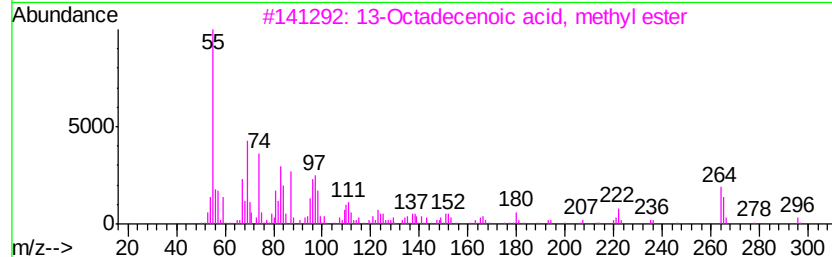
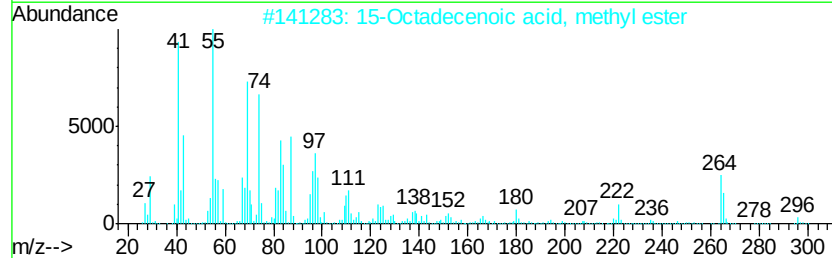
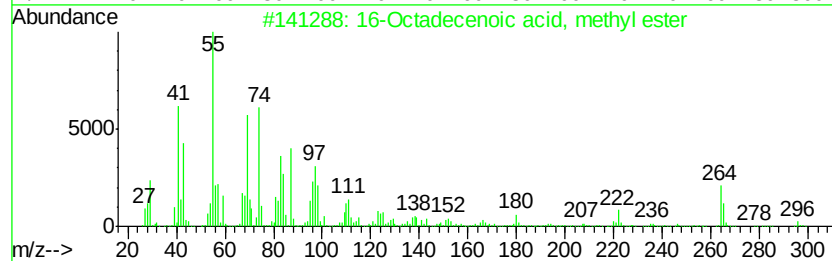
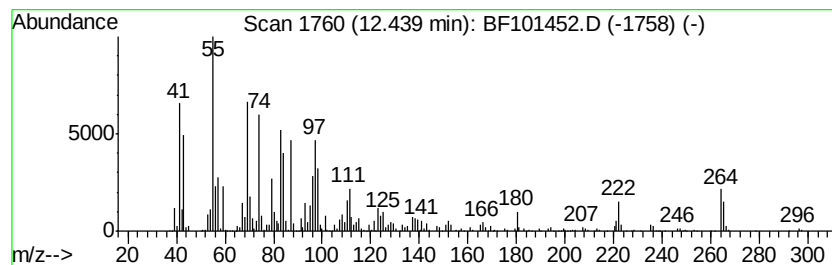
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 16-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	88.18 ng	4811840	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	93
4			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
5			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101452.D
 Acq On : 15 Dec 2017 19:27
 Operator : SJ/JU
 Sample : I6679-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-121317-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
unknown6.59	6.59	15.5	ng	771956	1	6.82	995375	20.0
unknown6.63	6.63	5.9	ng	292091	1	6.82	995375	20.0
unknown7.71	7.71	4.4	ng	315042	2	8.10	1434850	20.0
unknown7.83	7.83	7.5	ng	537248	2	8.10	1434850	20.0
Cyclohexane, (4-m...	8.38	7.0	ng	498526	2	8.10	1434850	20.0
Dodecane, 2,6,11-...	8.50	7.1	ng	510931	2	8.10	1434850	20.0
Naphthalene, 1,2,...	8.60	4.6	ng	328462	2	8.10	1434850	20.0
Tridecane	8.68	16.9	ng	1212770	2	8.10	1434850	20.0
unknown9.04	9.04	5.3	ng	277944	3	9.85	1048080	20.0
Dodecane, 2,7,10-...	9.10	7.0	ng	368867	3	9.85	1048080	20.0
Tetradecane	9.25	22.7	ng	1187660	3	9.85	1048080	20.0
Hexadecane	9.77	14.9	ng	783056	3	9.85	1048080	20.0
Pentadecane, 7-me...	10.27	10.9	ng	569712	3	9.85	1048080	20.0
5-Ethyldecane	10.49	5.1	ng	265124	3	9.85	1048080	20.0
Heptadecane	10.75	11.1	ng	603984	4	11.34	1091360	20.0
Hexadecanoic acid...	11.72	49.8	ng	2717410	4	11.34	1091360	20.0
9,12-Octadecadien...	12.42	128.4	ng	7008570	4	11.34	1091360	20.0
16-Octadecenoic a...	12.44	88.2	ng	4811840	4	11.34	1091360	20.0