

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
 Data File : BF096631.D
 Acq On : 11 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I3938-03 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6A-0.5-1.0

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-BF070117.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	5.286	540	544	548	rBV	242689	217995	7.44%	0.357%
2	5.704	607	615	619	rBV2	118262	158625	5.41%	0.260%
3	5.839	633	638	643	rVB	150771	173823	5.93%	0.284%
4	5.939	652	655	658	rVV	215932	240158	8.20%	0.393%
5	5.998	662	665	668	rBV	212838	215547	7.36%	0.353%
6	6.133	682	688	691	rBV2	206613	268963	9.18%	0.440%
7	6.228	701	704	707	rVV3	201765	271494	9.27%	0.444%
8	6.292	712	715	717	rBV	243841	228427	7.80%	0.374%
9	6.316	717	719	722	rVV	223253	192952	6.59%	0.316%
10	6.451	735	742	750	rBV3	380597	802660	27.40%	1.314%
11	6.539	754	757	762	rVB	953394	888180	30.32%	1.454%
12	6.645	766	775	776	rBV4	111280	193942	6.62%	0.317%
13	6.686	776	782	785	rBV	735181	662615	22.62%	1.085%
14	6.716	785	787	790	rVB2	669530	554030	18.91%	0.907%
15	6.751	790	793	797	rBV2	279920	328220	11.20%	0.537%
16	6.798	797	801	803	rBV4	143174	200698	6.85%	0.328%
17	6.845	806	809	813	rVB4	468774	495845	16.93%	0.812%
18	6.880	813	815	818	rVB	209290	170962	5.84%	0.280%
19	6.933	822	824	827	rBV2	170308	202886	6.93%	0.332%
20	6.980	827	832	834	rVB2	444293	581446	19.85%	0.952%
21	7.010	834	837	840	rVB2	591422	475836	16.24%	0.779%
22	7.045	840	843	847	rBV	449939	456722	15.59%	0.748%
23	7.086	847	850	853	rBV2	747892	706505	24.12%	1.156%
24	7.228	869	874	880	rBV4	500716	951301	32.47%	1.557%
25	7.304	884	887	889	rVB	2173424	1770093	60.42%	2.897%
26	7.345	889	894	897	rVB4	385576	548489	18.72%	0.898%
27	7.380	897	900	903	rBV3	168647	241850	8.26%	0.396%
28	7.416	903	906	909	rVB	400489	399899	13.65%	0.655%
29	7.463	909	914	916	rBV4	252388	287728	9.82%	0.471%
30	7.492	916	919	924	rVB3	711811	1047735	35.77%	1.715%
31	7.610	932	939	942	rBV5	549522	1144515	39.07%	1.873%
32	7.669	945	949	952	rBV2	473255	566391	19.33%	0.927%
33	7.704	952	955	959	rBV4	508697	720936	24.61%	1.180%
34	7.739	959	961	964	rVB2	664066	607580	20.74%	0.994%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.780	964	968	970	rBV2	485284	416684	14.22%	0.682%
36	7.810	970	973	976	rVB3	391385	466705	15.93%	0.764%
37	7.845	976	979	981	rBV	255070	250791	8.56%	0.410%
38	7.880	983	985	988	rVB2	174981	176956	6.04%	0.290%
39	7.922	989	992	993	rBV	211069	198081	6.76%	0.324%
40	7.969	996	1000	1003	rBV	2854221	2929480	100.00%	4.795%
41	8.051	1011	1014	1016	rVB	1175214	831998	28.40%	1.362%
42	8.098	1021	1022	1025	rVB2	239661	180813	6.17%	0.296%
43	8.275	1047	1052	1055	rBV5	528665	851368	29.06%	1.393%
44	8.327	1059	1061	1064	rBV2	371345	327012	11.16%	0.535%
45	8.363	1064	1067	1070	rVB2	591857	521459	17.80%	0.853%
46	8.410	1071	1075	1079	rBV	1201014	1269454	43.33%	2.078%
47	8.475	1083	1086	1090	rBV2	486112	506045	17.27%	0.828%
48	8.580	1100	1104	1107	rVV	2794073	2582987	88.17%	4.228%
49	8.633	1110	1113	1117	rVV3	480320	607165	20.73%	0.994%
50	8.674	1117	1120	1123	rVB3	615534	711939	24.30%	1.165%
51	8.780	1135	1138	1139	rBV2	252967	261086	8.91%	0.427%
52	8.798	1139	1141	1145	rVB	583827	512344	17.49%	0.839%
53	8.857	1149	1151	1153	rBV2	453660	434775	14.84%	0.712%
54	8.880	1153	1155	1158	rVV3	328347	411478	14.05%	0.673%
55	8.910	1158	1160	1163	rVV4	336560	285896	9.76%	0.468%
56	8.939	1163	1165	1168	rVB	479726	382115	13.04%	0.625%
57	8.980	1170	1172	1174	rBV2	376555	306432	10.46%	0.502%
58	9.010	1174	1177	1179	rVB2	991181	813091	27.76%	1.331%
59	9.045	1179	1183	1185	rBV2	175809	185102	6.32%	0.303%
60	9.145	1195	1200	1205	rVV	2746816	2891650	98.71%	4.733%
61	9.198	1205	1209	1211	rVV2	359493	568772	19.42%	0.931%
62	9.222	1211	1213	1215	rVB2	282207	199798	6.82%	0.327%
63	9.304	1222	1227	1230	rBV6	357625	515190	17.59%	0.843%
64	9.386	1234	1241	1242	rBV3	371325	687006	23.45%	1.124%
65	9.463	1248	1254	1256	rBV	899962	1246276	42.54%	2.040%
66	9.480	1256	1257	1260	rVV	516565	377652	12.89%	0.618%
67	9.516	1261	1263	1266	rVB2	323174	314924	10.75%	0.515%
68	9.639	1281	1284	1286	rBV3	228889	196876	6.72%	0.322%
69	9.669	1286	1289	1293	rVV	2210182	2060516	70.34%	3.372%
70	9.721	1293	1298	1302	rVV2	621272	849630	29.00%	1.391%
71	9.898	1324	1328	1331	rBV3	285190	479233	16.36%	0.784%

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72	9.927	1331	1333	1336	rVV	383627	334513	11.42%	0.548%
73	9.963	1336	1339	1341	rVV2	186079	214117	7.31%	0.350%
74	9.992	1341	1344	1347	rVB2	527738	521542	17.80%	0.854%
75	10.116	1360	1365	1367	rBV2	106457	175394	5.99%	0.287%
76	10.169	1370	1374	1377	rVV	2145488	1846023	63.02%	3.021%
77	10.221	1381	1383	1388	rVB3	190949	192195	6.56%	0.315%
78	10.386	1407	1411	1418	rBV	840198	1046035	35.71%	1.712%
79	10.439	1418	1420	1422	rVB	216114	163641	5.59%	0.268%
80	10.469	1422	1425	1428	rBV2	299313	292358	9.98%	0.479%
81	10.504	1428	1431	1435	rVB3	346959	342807	11.70%	0.561%
82	10.639	1450	1454	1461	rBV	2018825	2753464	93.99%	4.507%
83	10.833	1484	1487	1491	rBV2	221272	364785	12.45%	0.597%
84	10.863	1491	1492	1495	rVB2	219353	165370	5.65%	0.271%
85	10.921	1500	1502	1505	rBV	172666	150783	5.15%	0.247%
86	10.963	1507	1509	1513	rVB3	198771	220576	7.53%	0.361%
87	11.086	1526	1530	1533	rBV	1667271	1452315	49.58%	2.377%
88	11.116	1533	1535	1541	rVB	752969	714633	24.39%	1.170%
89	11.198	1546	1549	1551	rBV	529049	412860	14.09%	0.676%
90	11.510	1599	1602	1606	rBV	1350752	1179917	40.28%	1.931%
91	11.915	1668	1671	1674	rBV	1140404	897139	30.62%	1.468%
92	12.304	1731	1737	1740	rBV	1034164	949840	32.42%	1.555%
93	12.674	1796	1800	1803	rBV	614586	495382	16.91%	0.811%
94	12.780	1815	1818	1820	rBV	181931	174267	5.95%	0.285%
95	13.027	1856	1860	1864	rBV	457361	393509	13.43%	0.644%
96	13.368	1914	1918	1921	rVB	304607	260138	8.88%	0.426%
97	13.698	1967	1974	1980	rVB	174226	209191	7.14%	0.342%
98	13.827	1992	1996	1999	rVB	599433	544059	18.57%	0.890%
99	14.468	2101	2105	2109	rBV	499495	428826	14.64%	0.702%
100	15.221	2229	2233	2238	rBV	354320	418517	14.29%	0.685%

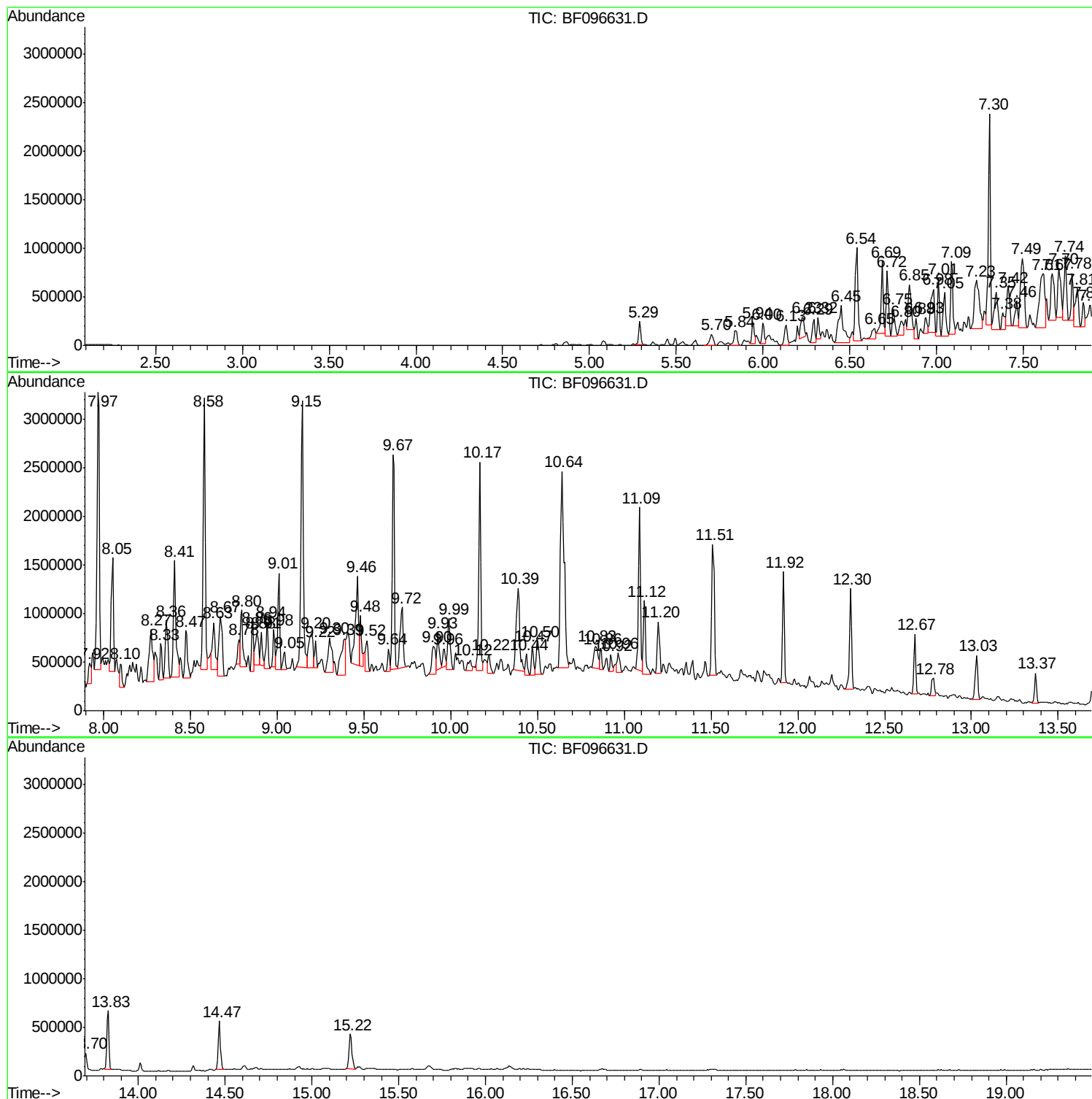
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
6A-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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6A-0.5-1.0

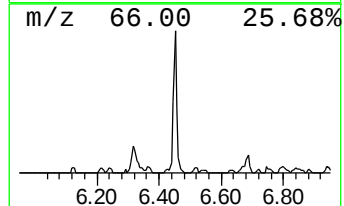
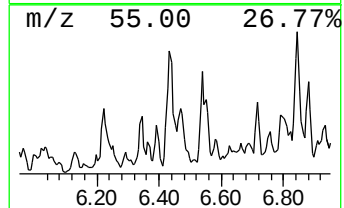
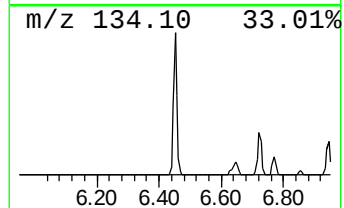
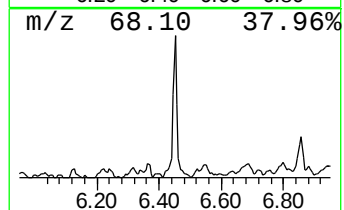
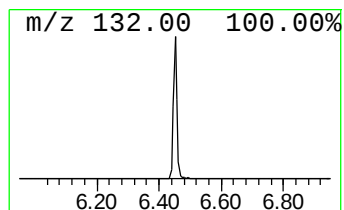
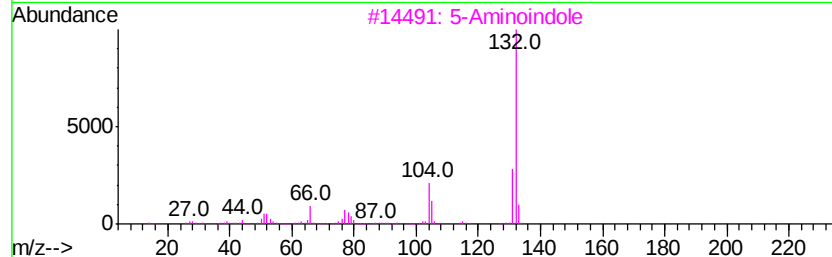
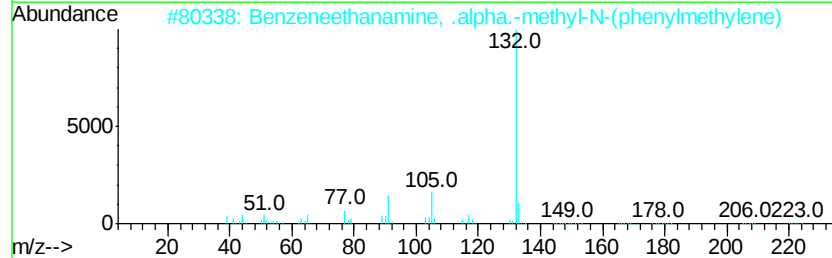
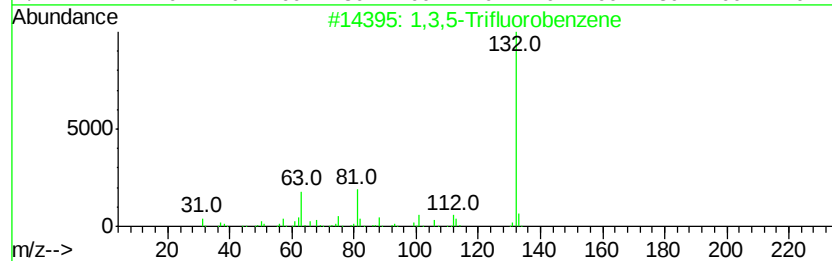
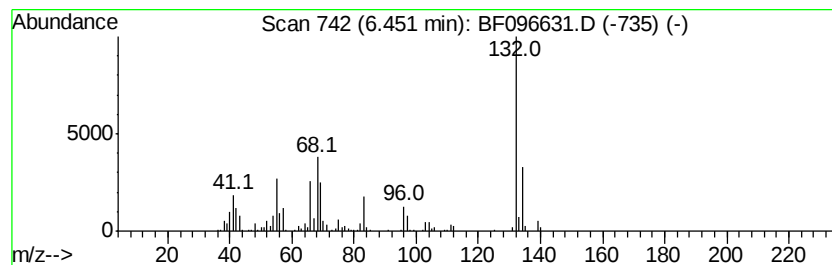
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.45 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	24.23 ng	802660	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	25
2		Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	10
4		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5		Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	9



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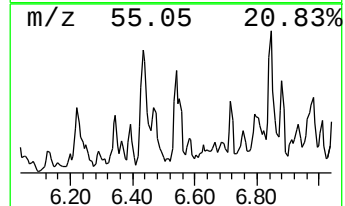
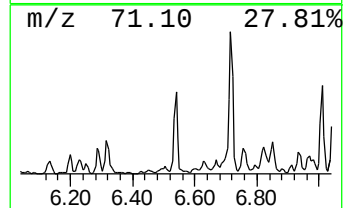
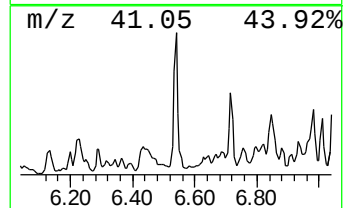
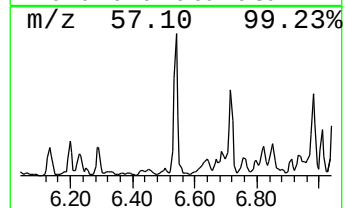
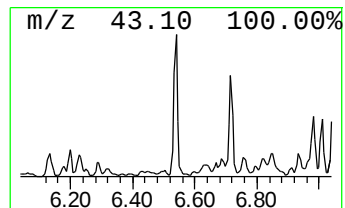
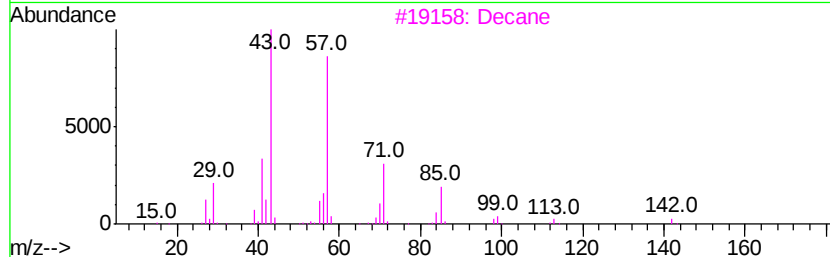
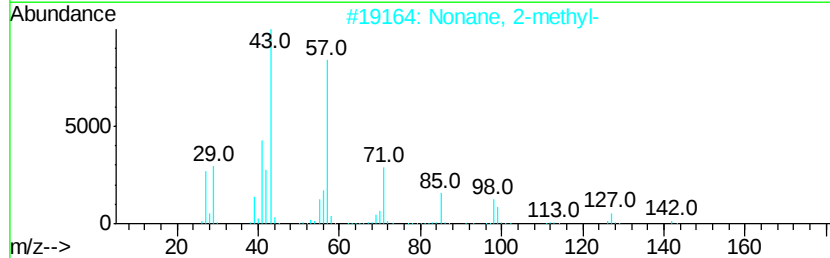
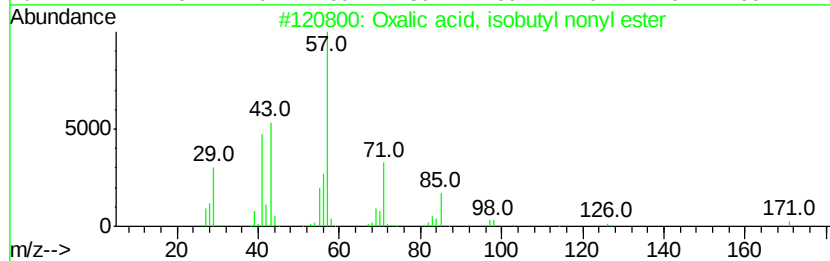
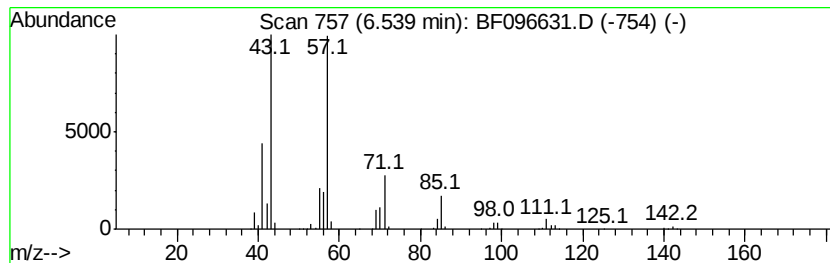
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxalic acid, isobutyl nonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	26.81 ng	888180	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	80
2		Nonane, 2-methyl-	142	C10H22	000871-83-0	80
3		Decane	142	C10H22	000124-18-5	72
4		Undecane	156	C11H24	001120-21-4	64
5		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64



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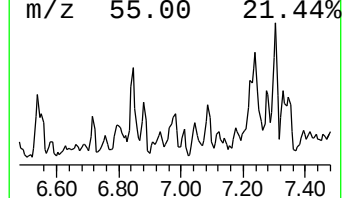
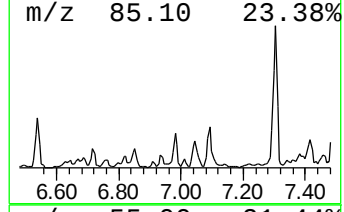
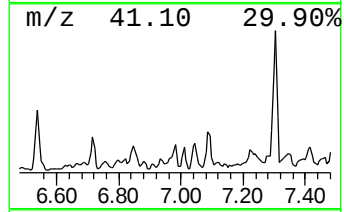
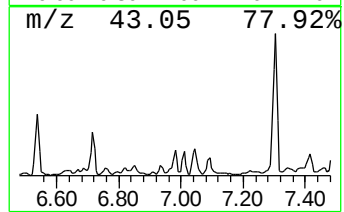
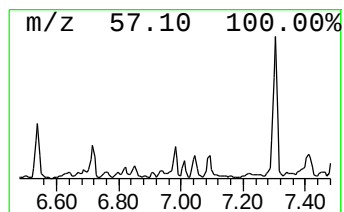
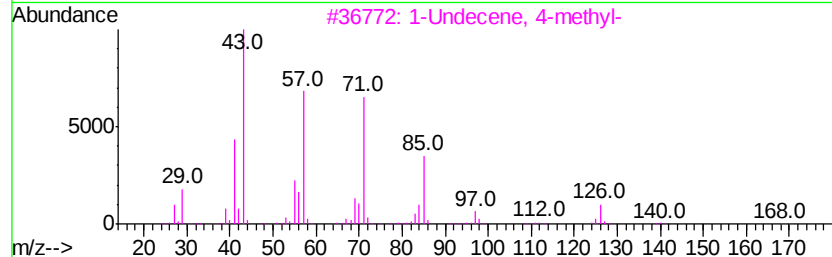
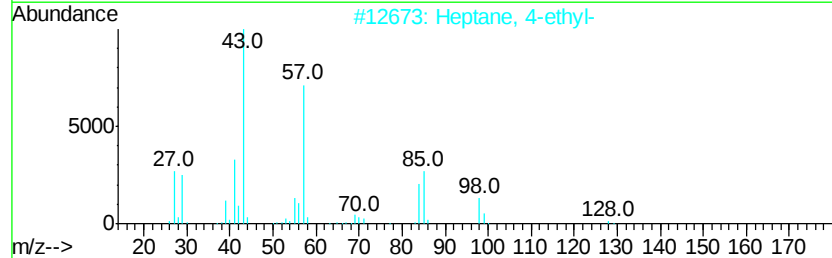
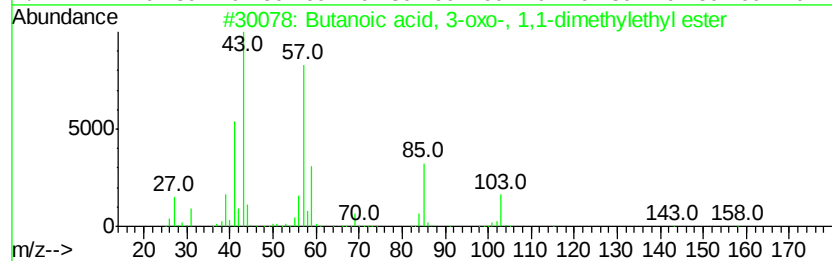
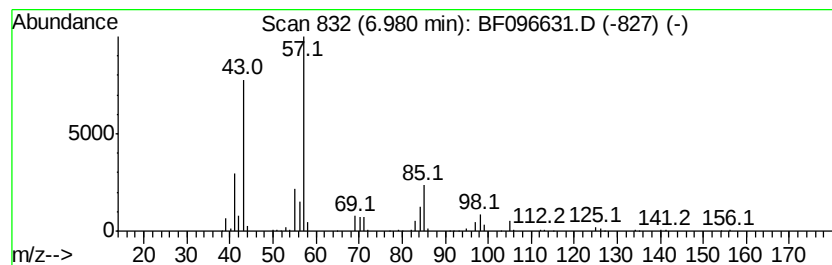
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butanoic acid, 3-oxo-, 1,1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	17.55 ng	581446	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	59
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
3		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	59
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
5		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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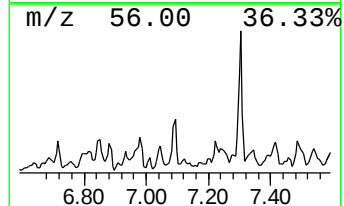
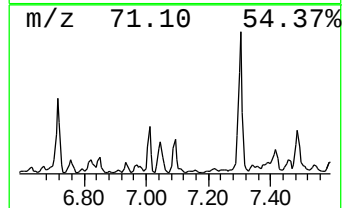
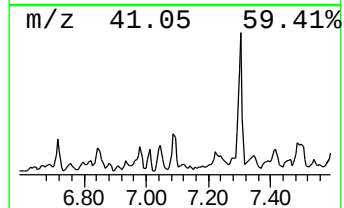
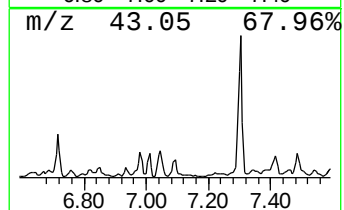
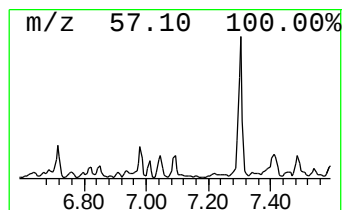
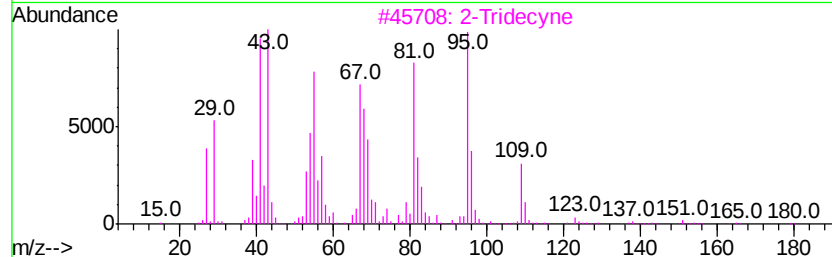
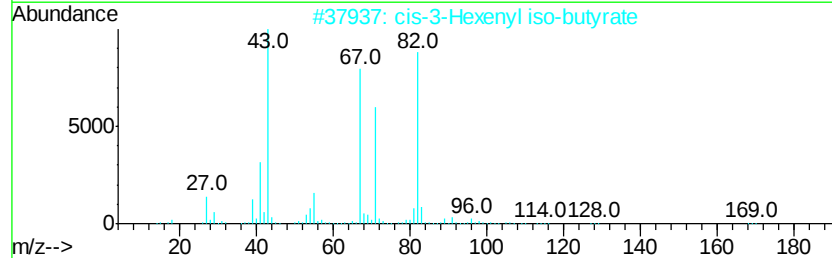
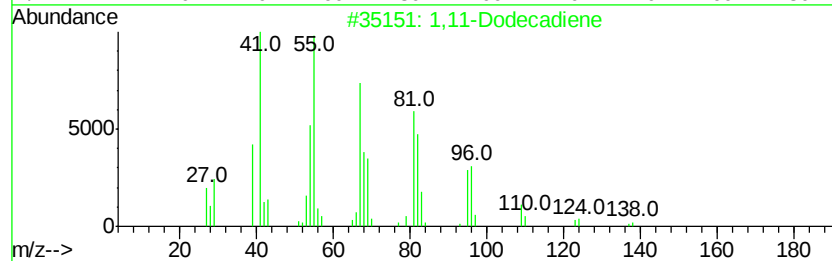
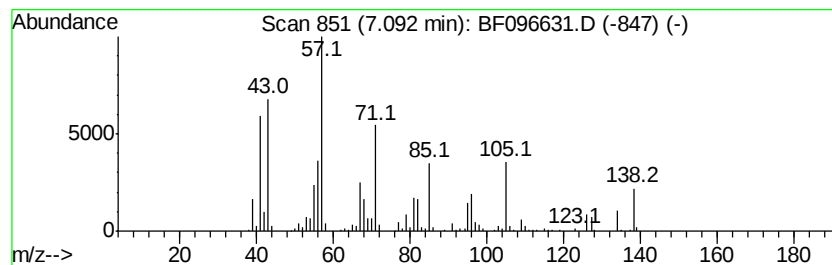
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.09 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	21.32 ng	706505	1,4-Dichlorobenzene-d4	6.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,11-Dodecadiene	166	C12H22	005876-87-9	43
2		cis-3-Hexenyl iso-butyrate	170	C10H18O2	041519-23-7	35
3		2-Tridecyne	180	C13H24	028467-75-6	22
4		3,4-Octadiene, 7,7-dimethyl-	138	C10H18	061129-34-8	22
5		Cyclooctyl alcohol	128	C8H16O	000696-71-9	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
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ClientSampleId :
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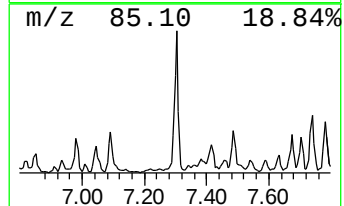
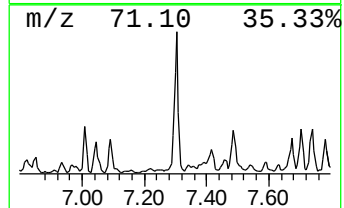
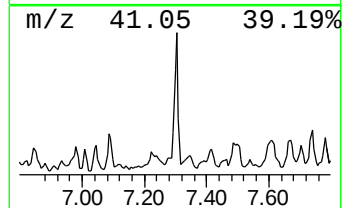
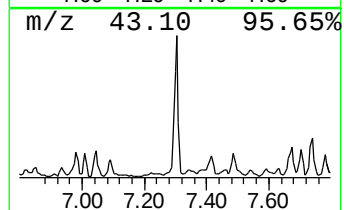
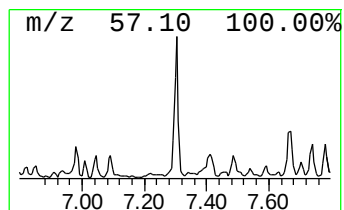
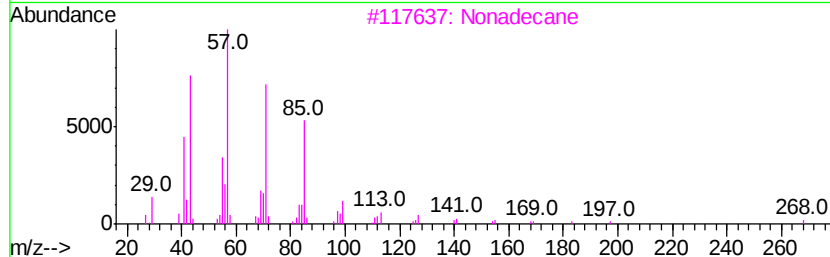
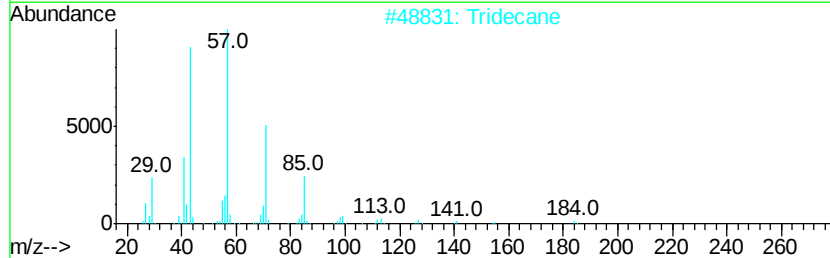
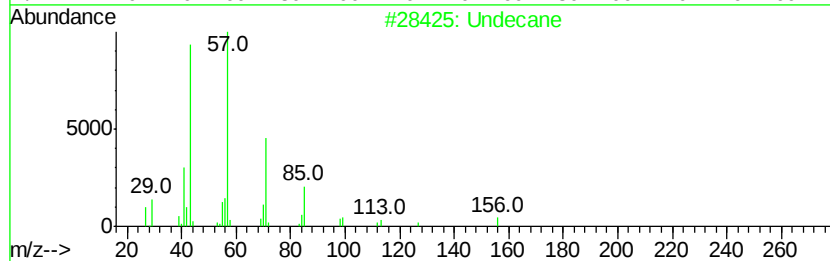
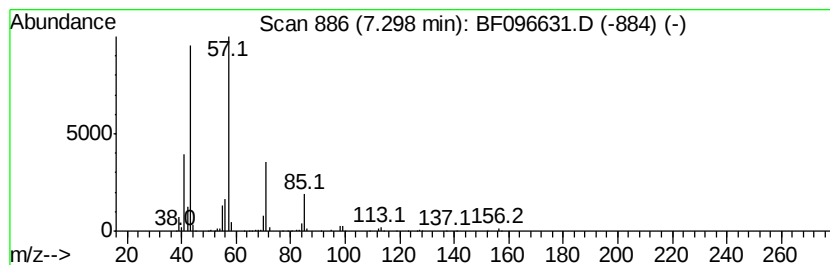
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	53.43 ng	1770090	1,4-Dichlorobenzene-d4	6.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Tridecane		184	C13H28	000629-50-5	83
3	Nonadecane		268	C19H40	000629-92-5	78
4	Tetradecane		198	C14H30	000629-59-4	78
5	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
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Misc :
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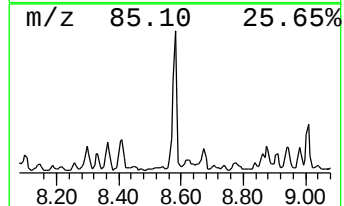
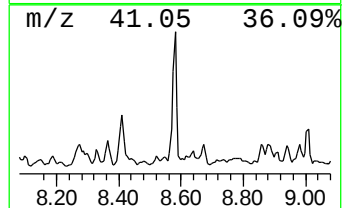
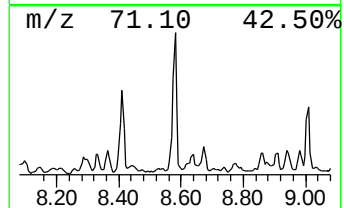
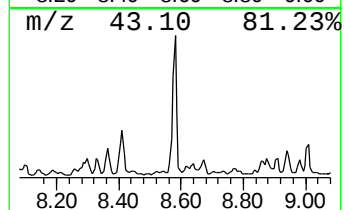
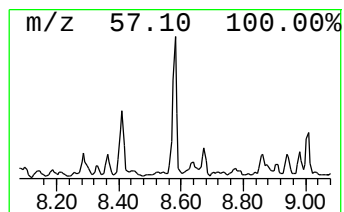
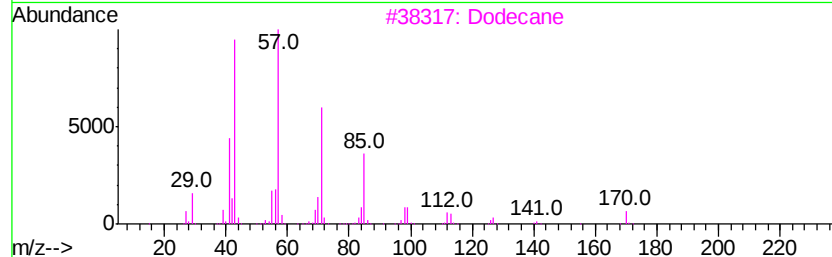
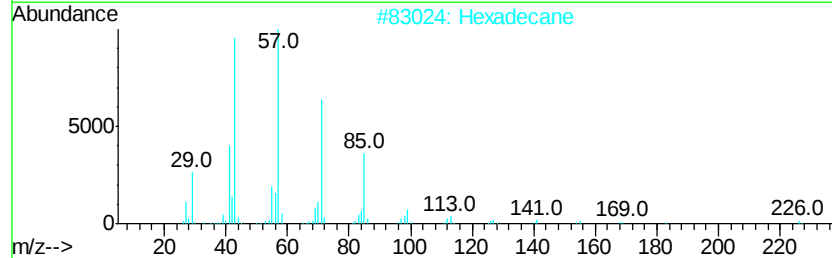
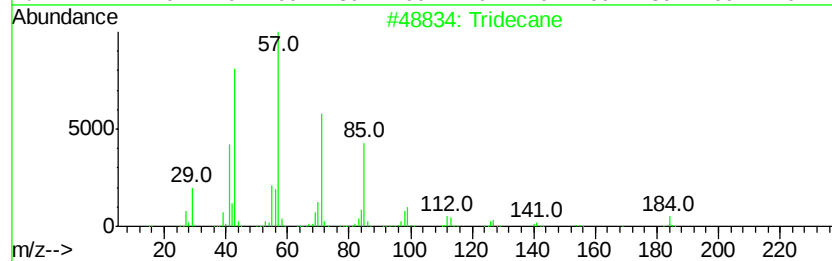
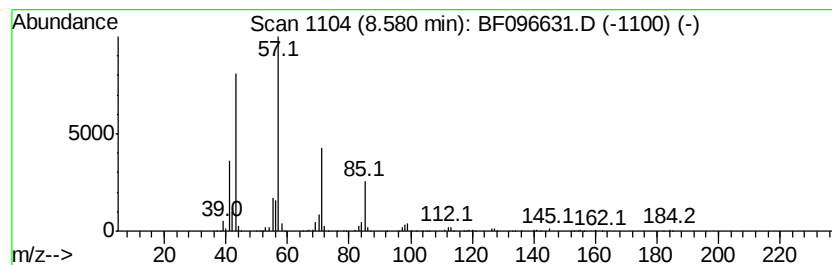
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	17.63 ng	2582990	Napthalene-d8	7.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	83
3		Dodecane	170	C12H26	000112-40-3	64
4		Undecane	156	C11H24	001120-21-4	59
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
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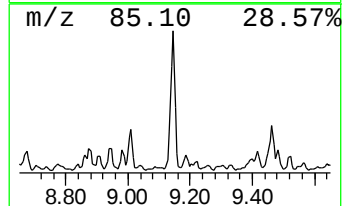
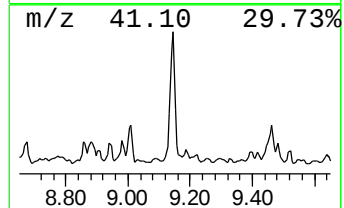
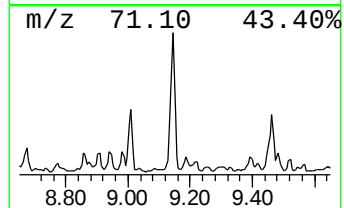
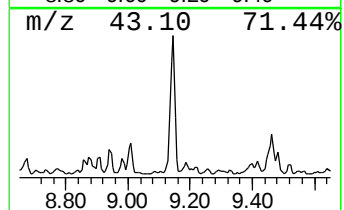
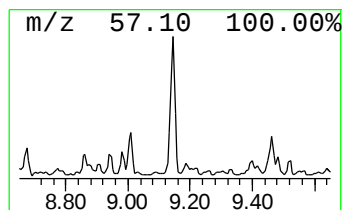
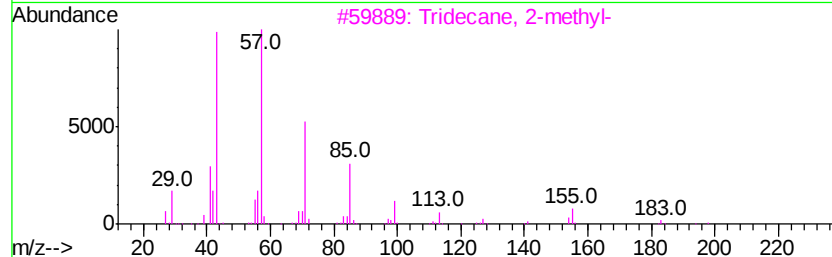
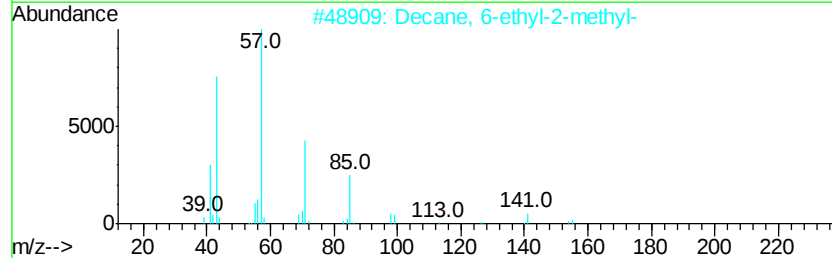
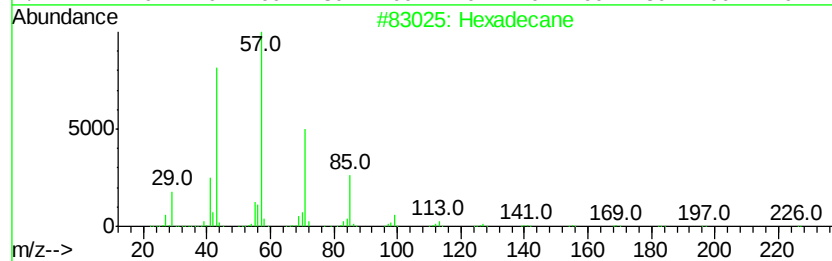
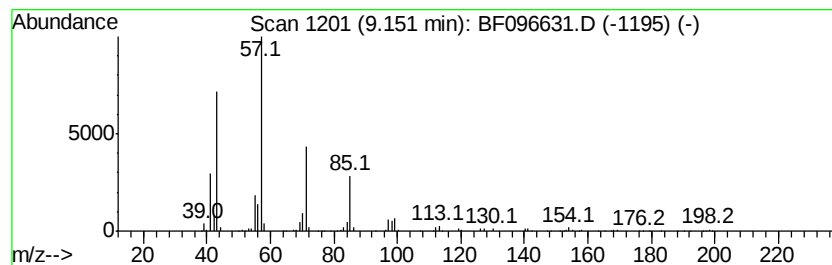
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	68.07 ng	2891650	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	90
3		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tetradecane	198	C14H30	000629-59-4	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096631.D
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ClientSampleId :
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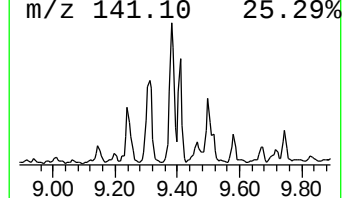
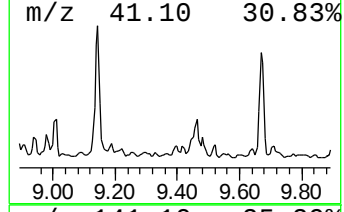
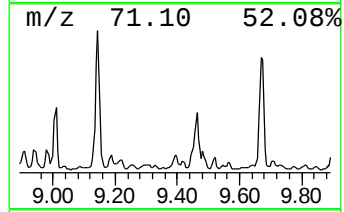
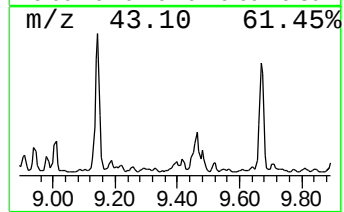
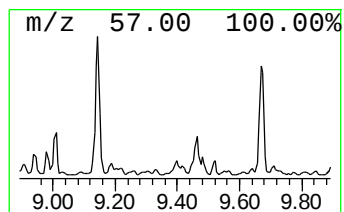
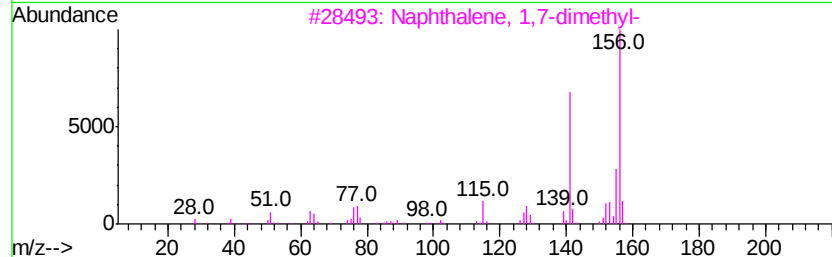
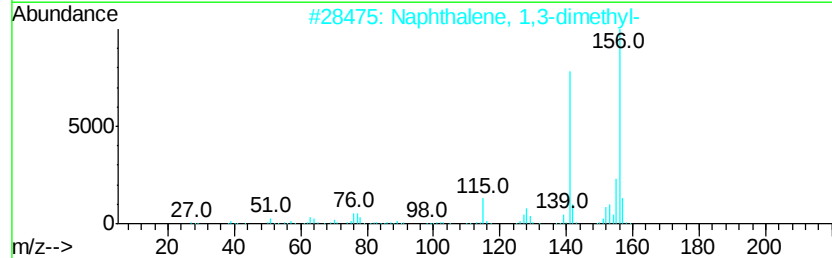
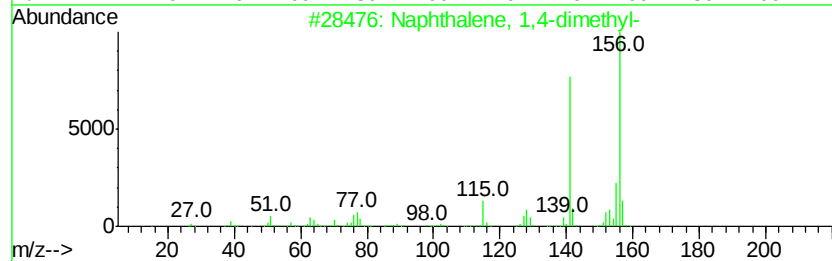
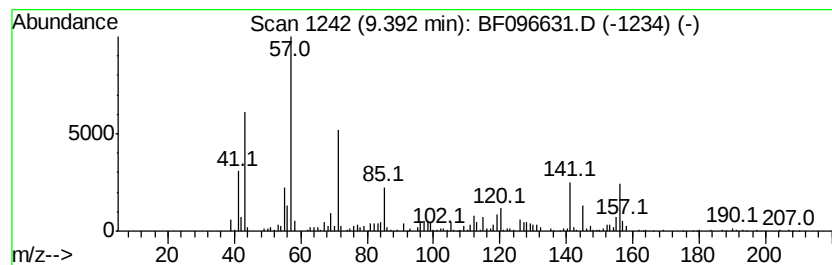
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	16.17 ng	687006	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
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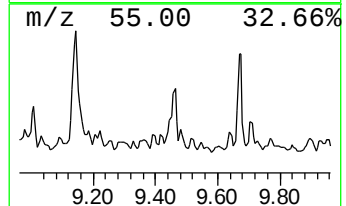
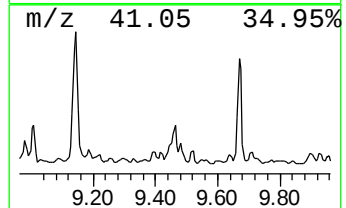
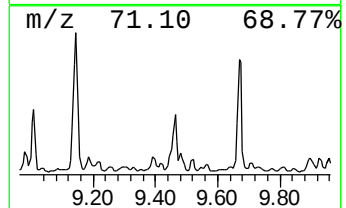
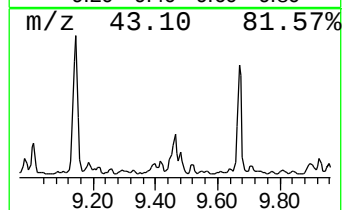
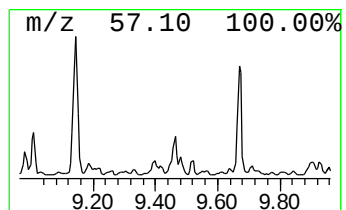
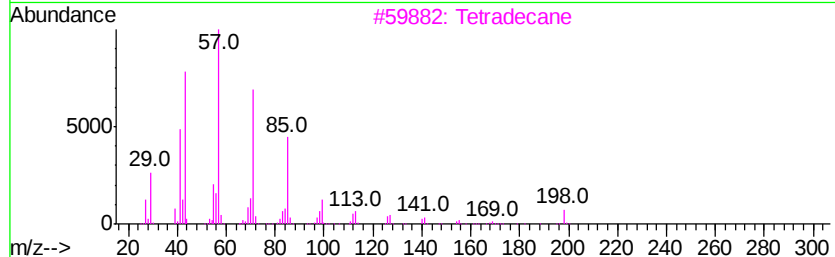
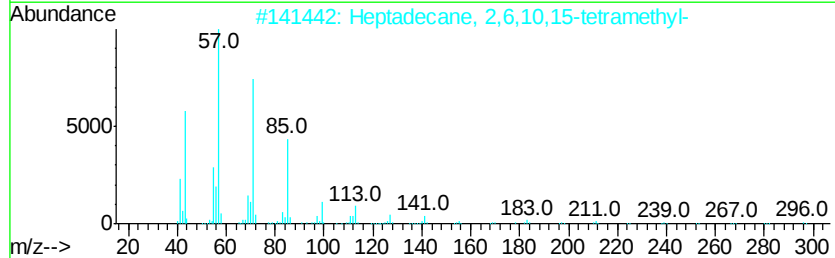
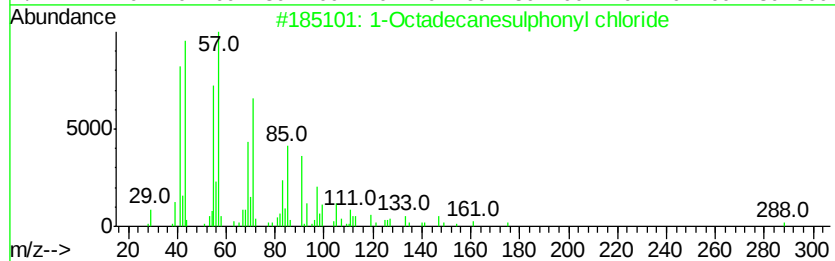
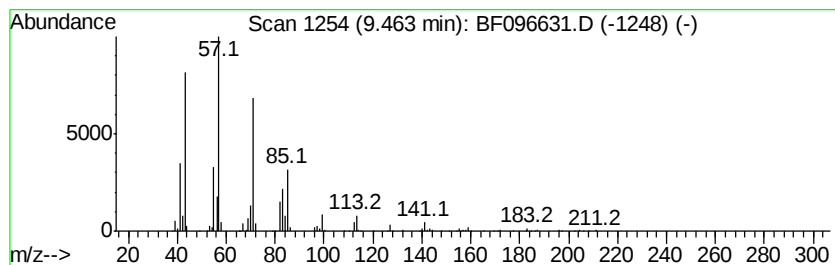
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Octadecanesulphonyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	29.34 ng	1246280	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
3		Tetradecane	198	C14H30	000629-59-4	64
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
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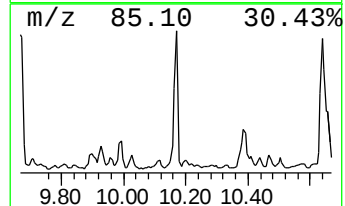
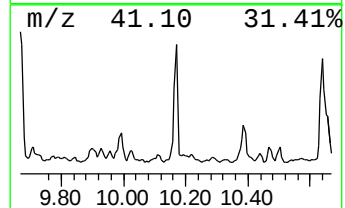
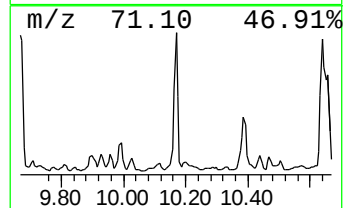
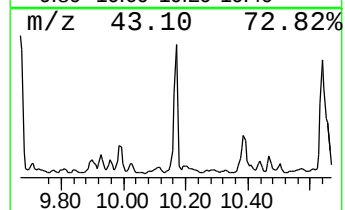
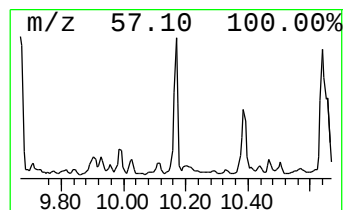
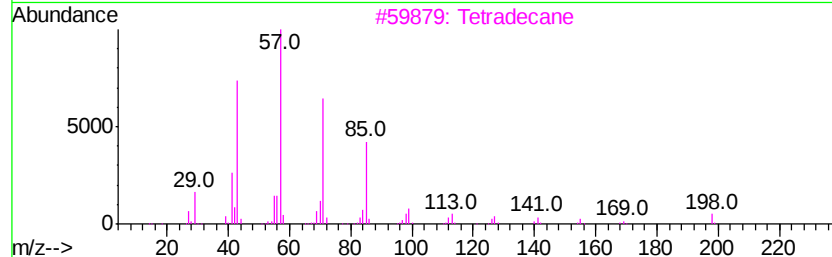
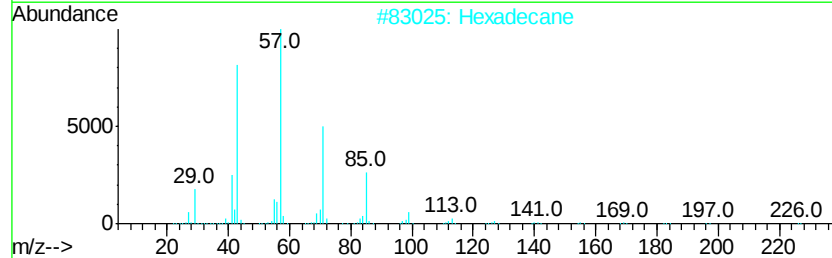
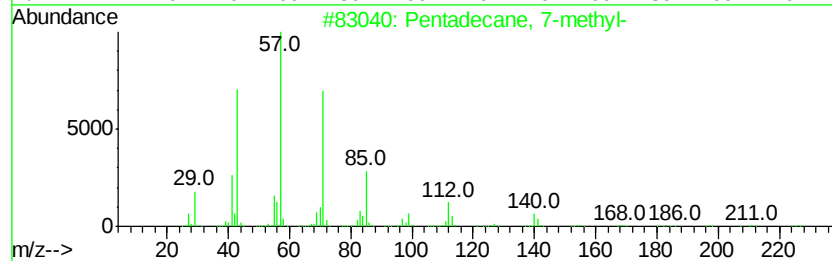
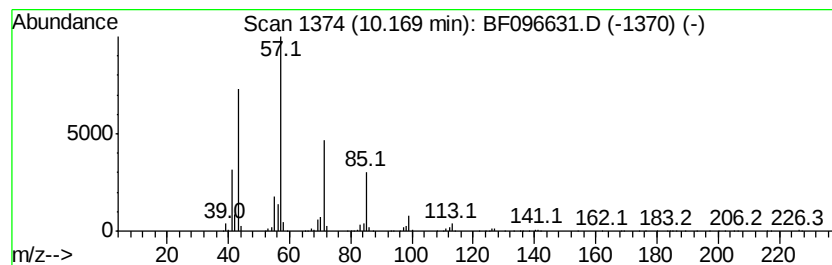
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	43.45 ng	1846020	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
6A-0.5-1.0

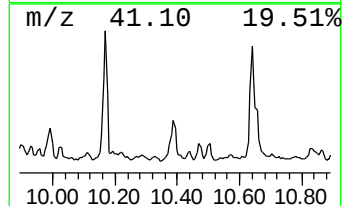
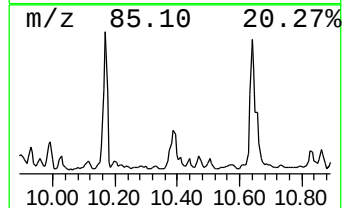
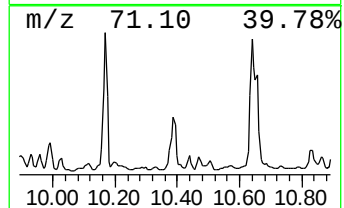
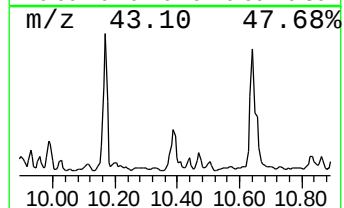
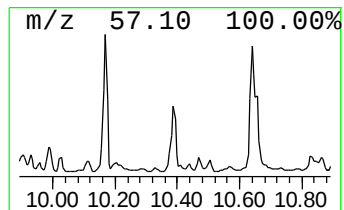
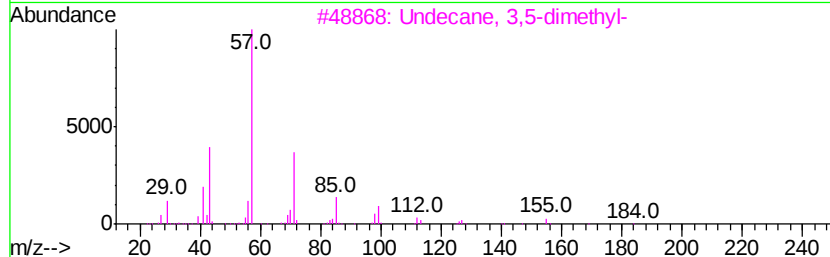
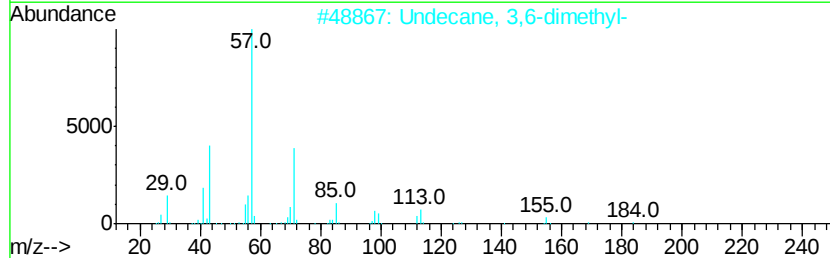
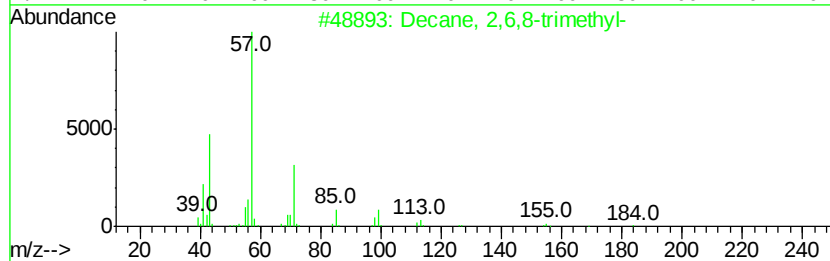
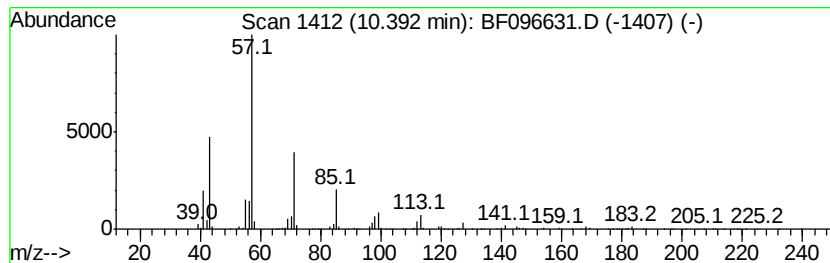
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 2,6,8-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	24.62 ng	1046040	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	93
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	91
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	91
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	74
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
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Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

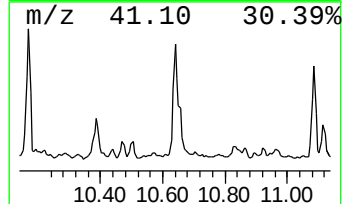
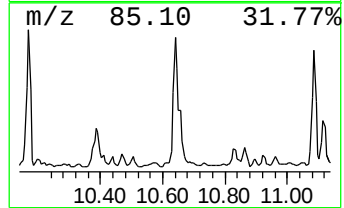
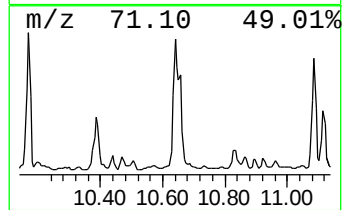
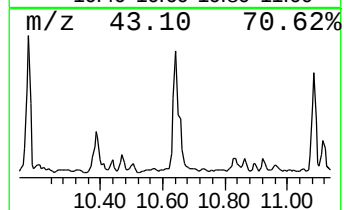
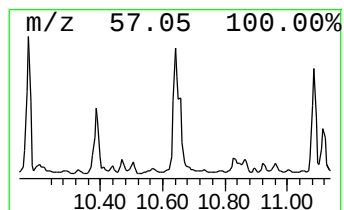
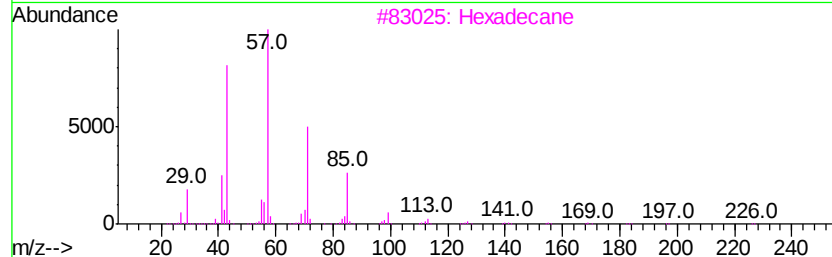
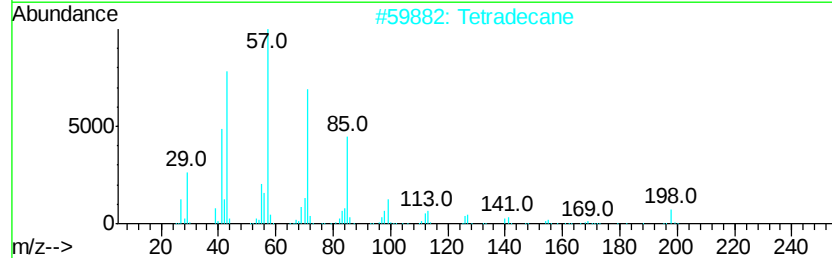
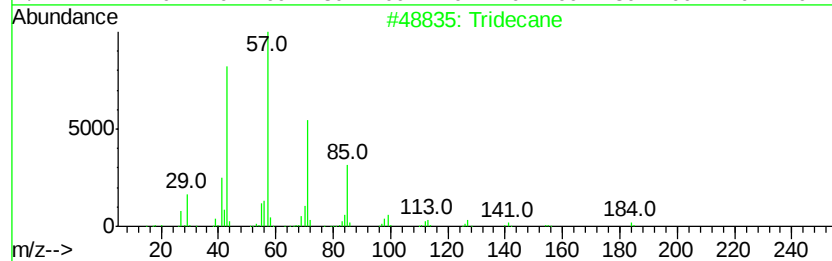
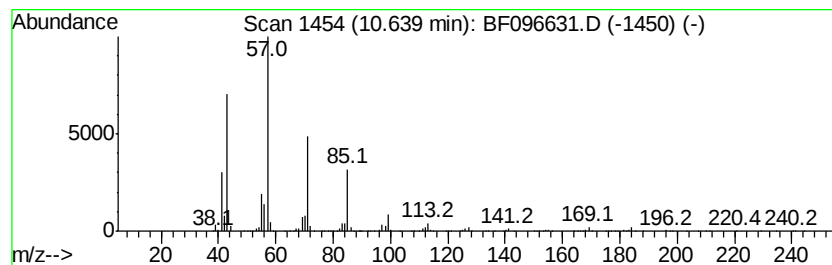
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.64	133.39 ng	2753460	Phenanthrene-d10		11.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	95
2		Tetradecane	198	C14H30	000629-59-4	87
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tetracosane	338	C24H50	000646-31-1	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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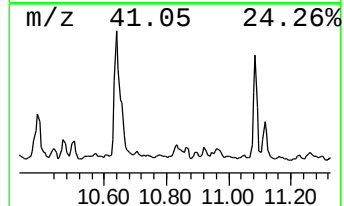
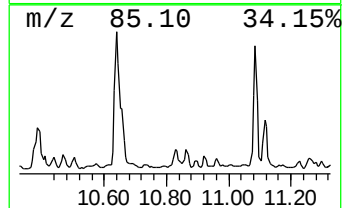
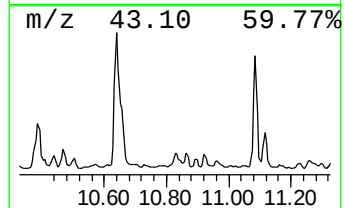
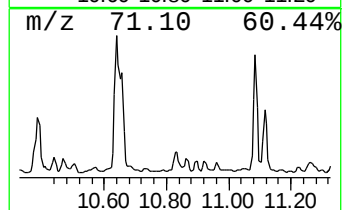
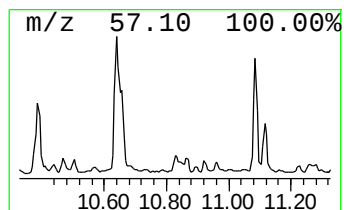
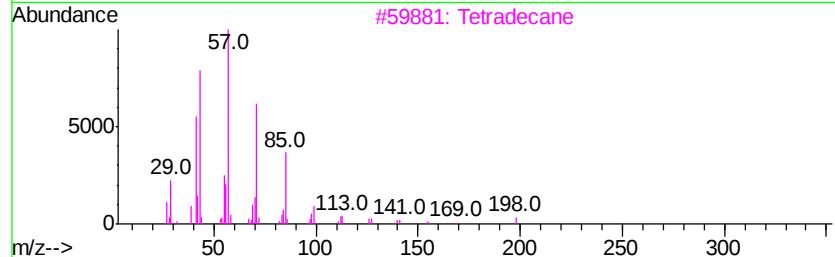
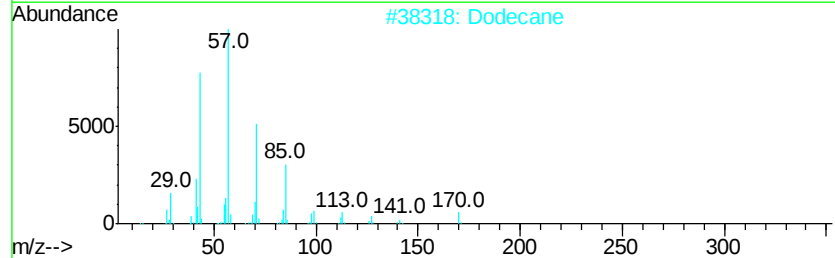
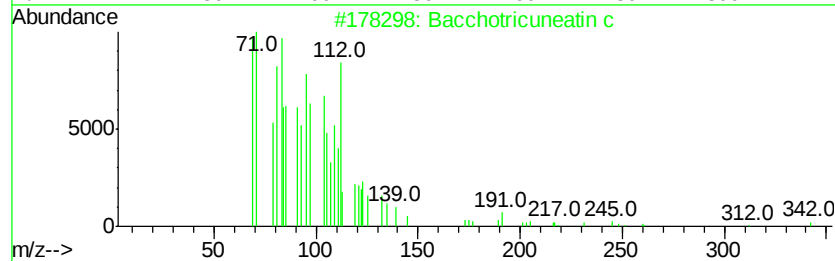
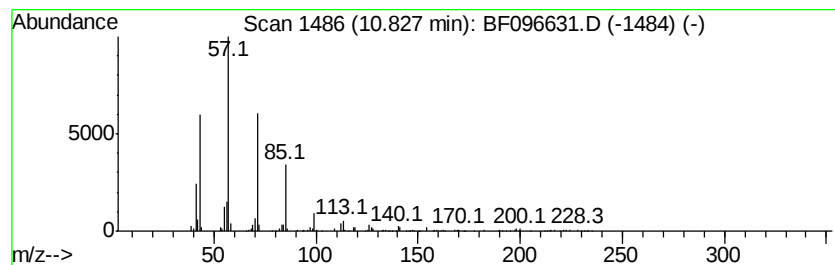
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	17.67 ng	364785	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Dodecane	170	C12H26	000112-40-3	83
3		Tetradecane	198	C14H30	000629-59-4	80
4		Heptacosane	380	C27H56	000593-49-7	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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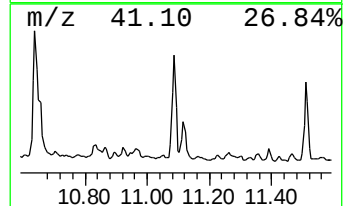
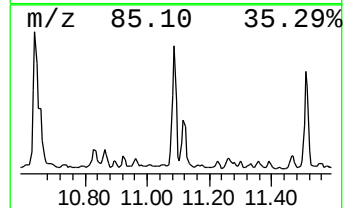
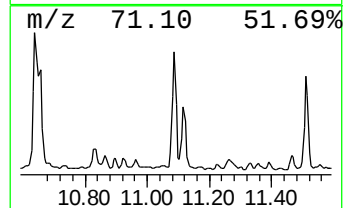
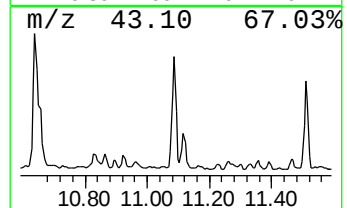
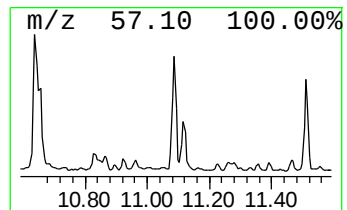
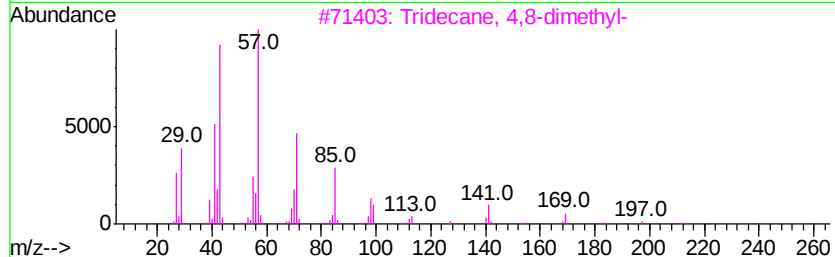
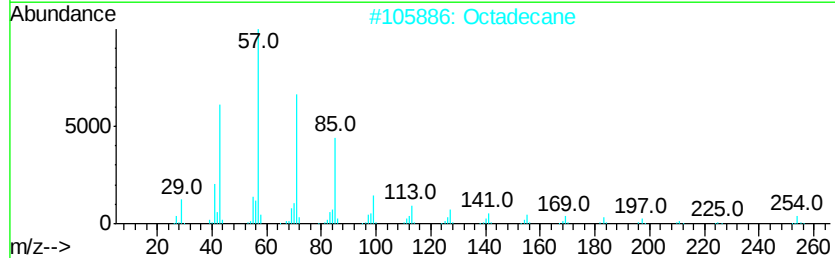
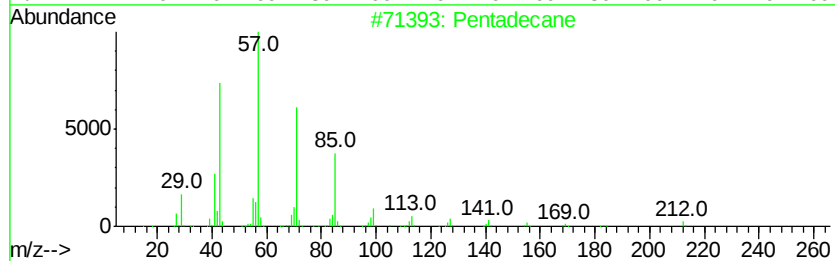
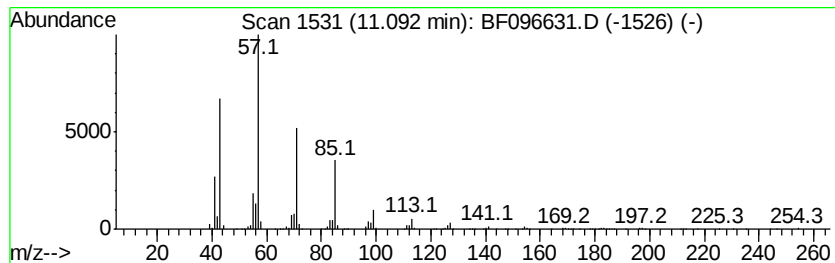
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	70.35 ng	1452320	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	95
2	Octadecane		254	C18H38	000593-45-3	95
3	Tridecane, 4,8-dimethyl-		212	C15H32	055030-62-1	91
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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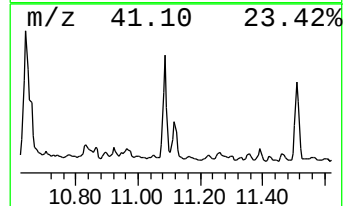
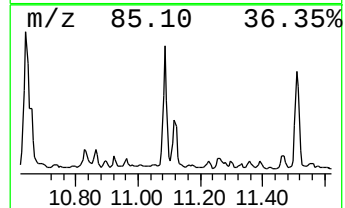
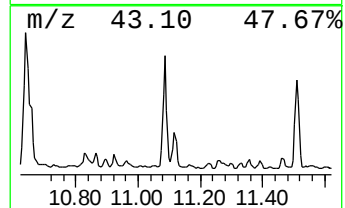
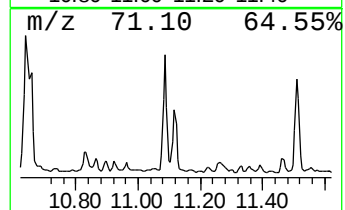
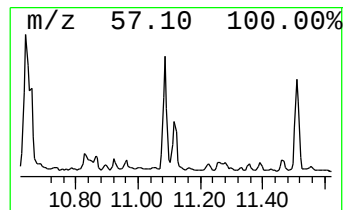
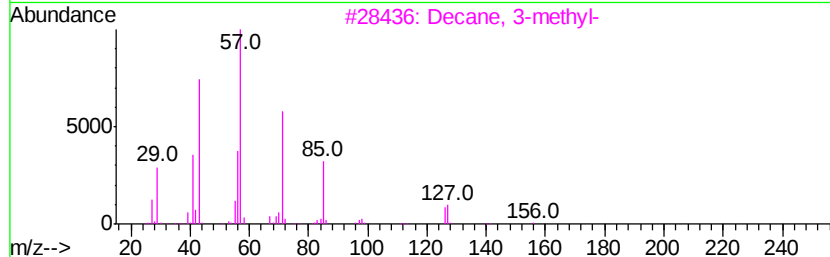
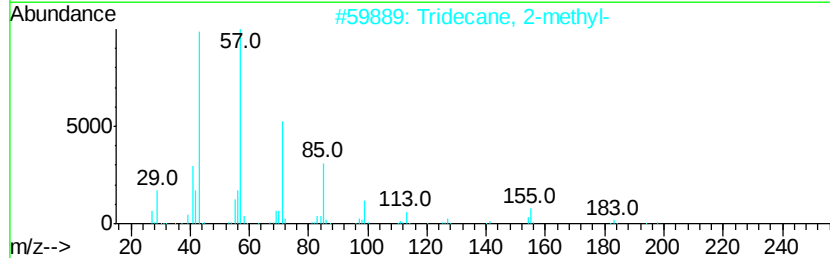
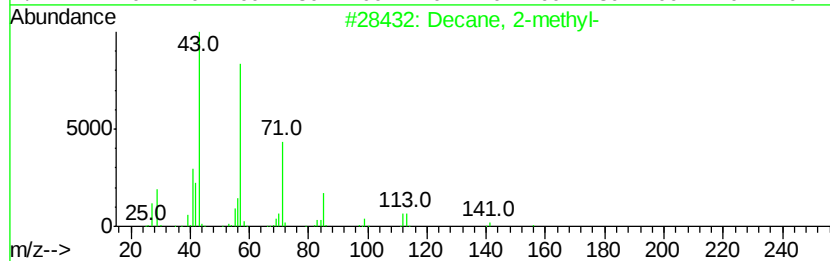
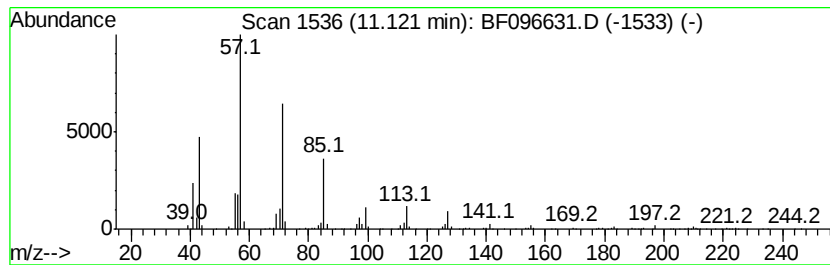
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	34.62 ng	714633	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	86
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59
3		Decane, 3-methyl-	156	C11H24	013151-34-3	58
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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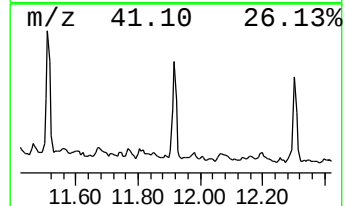
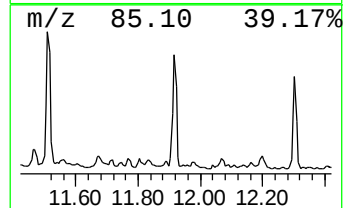
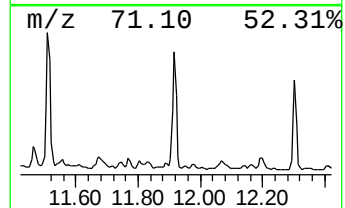
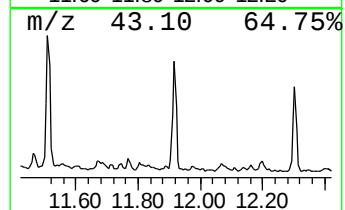
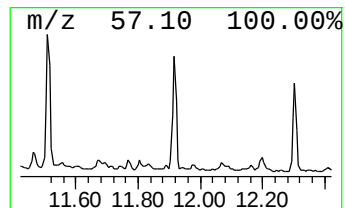
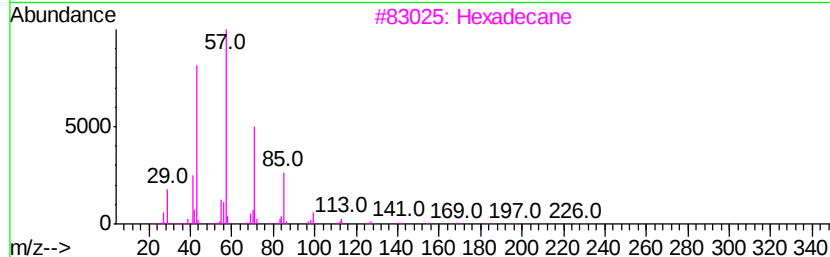
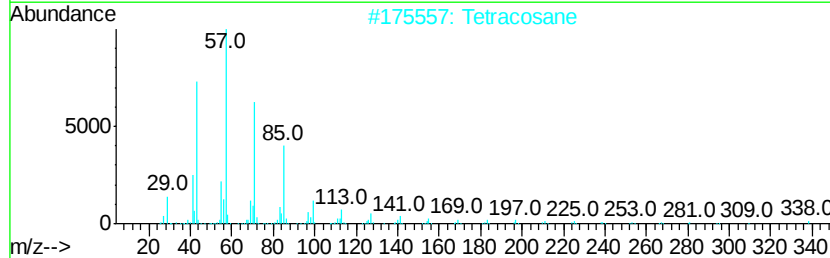
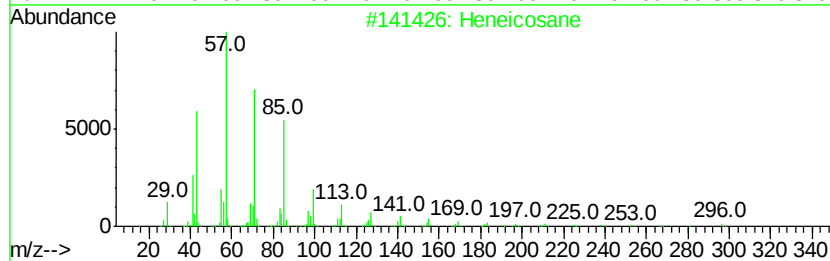
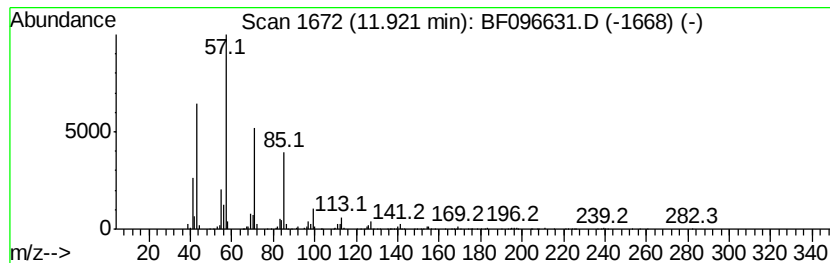
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	43.46 ng	897139	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

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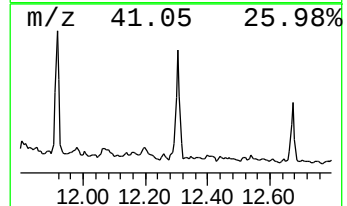
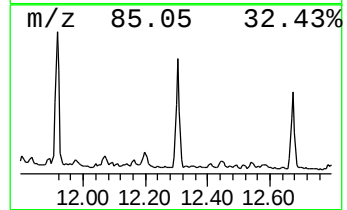
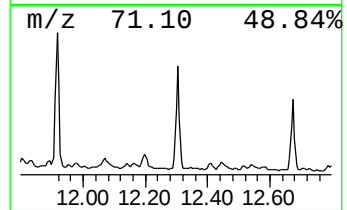
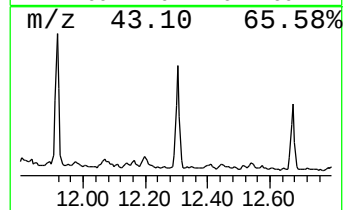
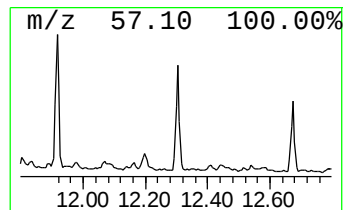
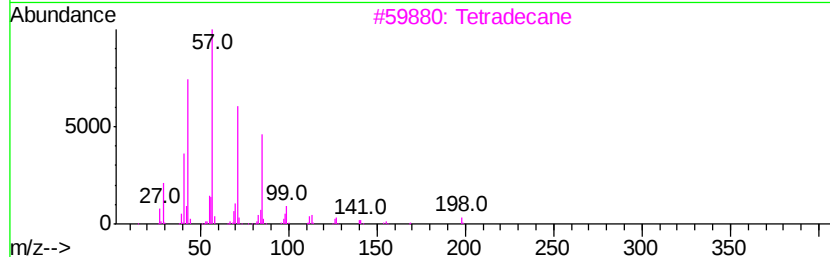
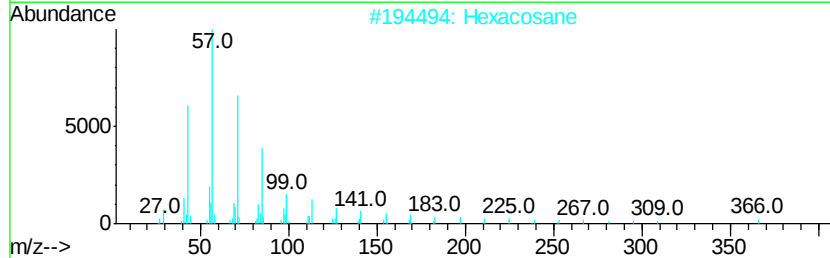
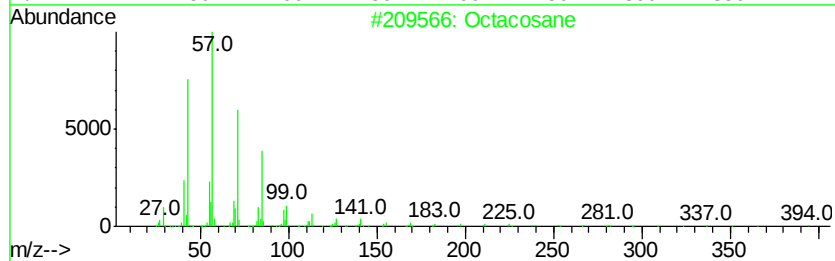
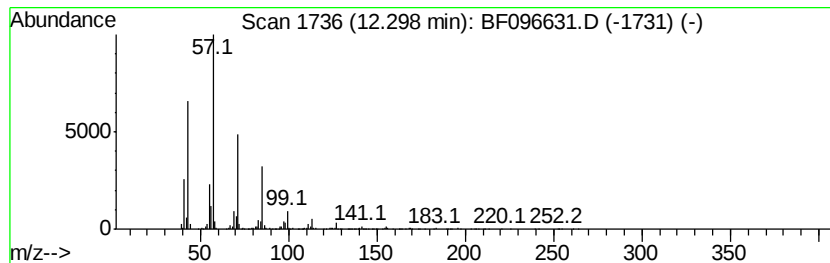
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	46.01 ng	949840	Phenanthrene-d10	11.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
Data File : BF096631.D
Acq On : 11 Jul 2017 5:55
Operator : SJ/JU
Sample : I3938-03 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6A-0.5-1.0

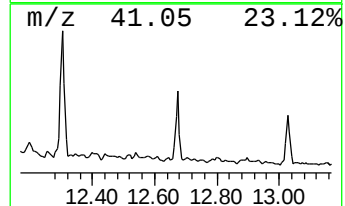
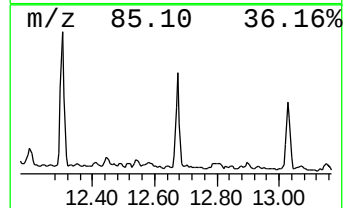
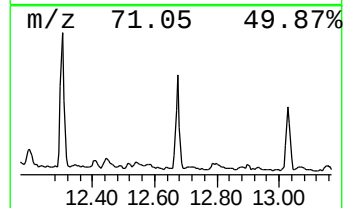
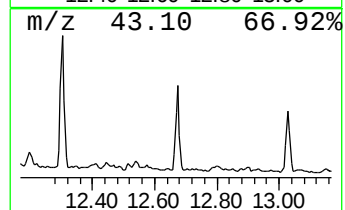
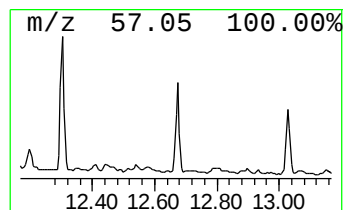
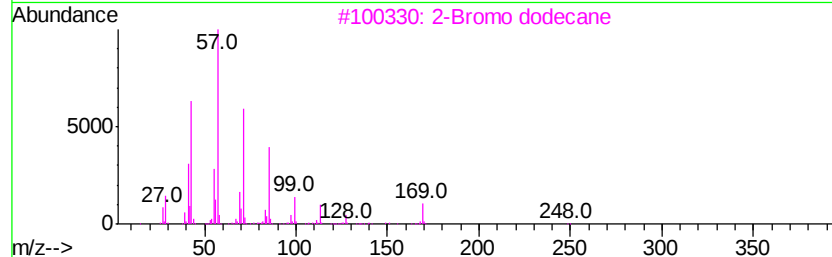
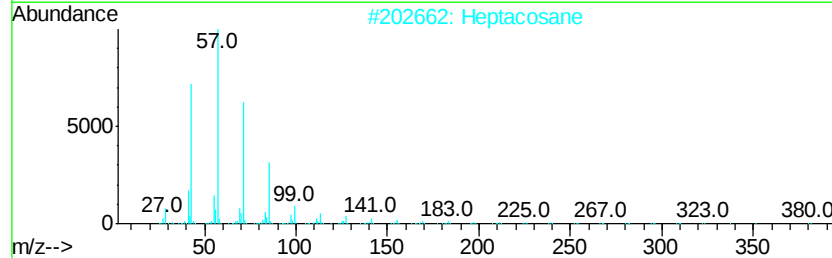
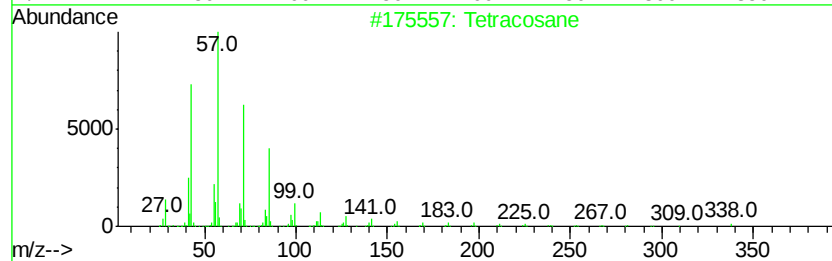
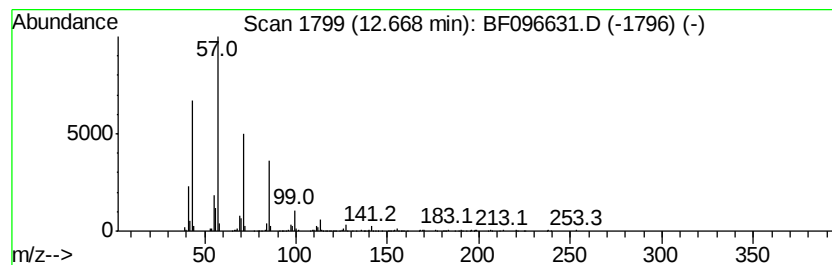
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	18.21 ng	495382	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071017\
 Data File : BF096631.D
 Acq On : 11 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I3938-03 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6A-0.5-1.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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
unknown6.45	6.45	24.2	ng	802660	1	6.69	662615	20.0
Oxalic acid, isob...	6.54	26.8	ng	888180	1	6.69	662615	20.0
Butanoic acid, 3-...	6.98	17.6	ng	581446	1	6.69	662615	20.0
unknown7.09	7.09	21.3	ng	706505	1	6.69	662615	20.0
Undecane	7.30	53.4	ng	1770090	1	6.69	662615	20.0
Tridecane	8.58	17.6	ng	2582990	2	7.97	2929480	20.0
Hexadecane	9.15	68.1	ng	2891650	3	9.72	849630	20.0
Naphthalene, 1,4-...	9.39	16.2	ng	687006	3	9.72	849630	20.0
1-Octadecanesulph...	9.46	29.3	ng	1246280	3	9.72	849630	20.0
Pentadecane, 7-me...	10.17	43.5	ng	1846020	3	9.72	849630	20.0
Decane, 2,6,8-tri...	10.39	24.6	ng	1046040	3	9.72	849630	20.0
Tetradecane	10.64	133.4	ng	2753460	4	11.20	412860	20.0
Bacchotricuneatin c	10.83	17.7	ng	364785	4	11.20	412860	20.0
Pentadecane	11.09	70.3	ng	1452320	4	11.20	412860	20.0
Decane, 2-methyl-	11.12	34.6	ng	714633	4	11.20	412860	20.0
Heneicosane	11.92	43.5	ng	897139	4	11.20	412860	20.0
Octacosane	12.30	46.0	ng	949840	4	11.20	412860	20.0
Tetracosane	12.67	18.2	ng	495382	5	13.83	544059	20.0