

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
 Data File : BF100756.D
 Acq On : 21 Nov 2017 3:01
 Operator : SJ/JU
 Sample : I6306-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-111717

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-BF110817.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	5.098	508	512	522	rBV	95759	114008	7.48%	0.722%
2	5.492	574	579	582	rBV	1494599	1396551	91.64%	8.842%
3	6.498	745	750	756	rVB	1470348	1432121	93.97%	9.068%
4	6.639	770	774	777	rBV	1647381	1438283	94.38%	9.107%
5	6.875	810	814	817	rVB	524139	478729	31.41%	3.031%
6	7.028	836	840	843	rBV	1359108	1148783	75.38%	7.274%
7	7.139	854	859	862	rBV2	27285	24834	1.63%	0.157%
8	7.263	874	880	883	rBV4	10472	19368	1.27%	0.123%
9	7.433	904	909	912	rBV	1011962	844880	55.44%	5.349%
10	7.510	918	922	925	rBV4	36525	45009	2.95%	0.285%
11	7.769	963	966	968	rBV	46960	34204	2.24%	0.217%
12	7.792	968	970	972	rVB	23554	18652	1.22%	0.118%
13	7.828	972	976	979	rBV4	14531	19030	1.25%	0.120%
14	7.863	979	982	984	rBV3	20029	18442	1.21%	0.117%
15	8.128	1025	1027	1028	rBV	24950	19873	1.30%	0.126%
16	8.151	1028	1031	1034	rVV	680161	597107	39.18%	3.781%
17	8.204	1038	1040	1043	rVB	68148	56053	3.68%	0.355%
18	8.233	1043	1045	1048	rBV3	23359	24494	1.61%	0.155%
19	8.328	1053	1061	1063	rBV7	13869	29494	1.94%	0.187%
20	8.357	1063	1066	1068	rVB	59866	50230	3.30%	0.318%
21	8.439	1076	1080	1082	rBV4	27428	31295	2.05%	0.198%
22	8.522	1091	1094	1099	rVB5	16655	22865	1.50%	0.145%
23	8.569	1099	1102	1104	rBV	66558	54700	3.59%	0.346%
24	8.657	1114	1117	1119	rVB	35996	29836	1.96%	0.189%
25	8.692	1119	1123	1125	rBV	44453	39020	2.56%	0.247%
26	8.833	1144	1147	1151	rVB3	31009	37382	2.45%	0.237%
27	9.027	1177	1180	1183	rBV4	19408	27778	1.82%	0.176%
28	9.063	1183	1186	1189	rVB3	15898	20675	1.36%	0.131%
29	9.145	1197	1200	1201	rBV2	24775	18639	1.22%	0.118%
30	9.169	1201	1204	1209	rVB2	88209	96203	6.31%	0.609%
31	9.227	1210	1214	1217	rBV	1884012	1523955	100.00%	9.649%
32	9.310	1224	1228	1230	rBV	51849	53834	3.53%	0.341%
33	9.622	1277	1281	1284	rBV2	171568	171960	11.28%	1.089%
34	9.774	1301	1307	1309	rBV2	28064	32805	2.15%	0.208%

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35	9.833	1312	1317	1319	rVB2	31697	35522	2.33%	0.225%
36	9.910	1326	1330	1333	rBV	645160	534521	35.07%	3.384%
37	10.010	1344	1347	1351	rVB5	13568	19590	1.29%	0.124%
38	10.063	1351	1356	1359	rBV5	14515	24303	1.59%	0.154%
39	10.098	1359	1362	1368	rVB5	17033	33713	2.21%	0.213%
40	10.151	1368	1371	1375	rBV4	21788	22681	1.49%	0.144%
41	10.304	1394	1397	1400	rBV	22580	26276	1.72%	0.166%
42	10.333	1400	1402	1404	rVB	43632	33457	2.20%	0.212%
43	10.551	1430	1439	1445	rVB2	26135	42781	2.81%	0.271%
44	10.692	1460	1463	1467	rVB	671398	631649	41.45%	3.999%
45	10.804	1479	1482	1489	rVB	51418	62580	4.11%	0.396%
46	11.251	1553	1558	1560	rBV	38597	34012	2.23%	0.215%
47	11.280	1560	1563	1568	rVB2	25061	28341	1.86%	0.179%
48	11.392	1579	1582	1585	rBV	510103	441035	28.94%	2.792%
49	11.416	1585	1586	1593	rVV	99836	73545	4.83%	0.466%
50	11.468	1593	1595	1598	rVB	36815	26461	1.74%	0.168%
51	11.680	1627	1631	1636	rBV2	19219	19864	1.30%	0.126%
52	11.910	1668	1670	1678	rVB3	41397	51259	3.36%	0.325%
53	12.010	1683	1687	1689	rBV2	35167	38331	2.52%	0.243%
54	12.463	1762	1764	1766	rBV2	38485	35786	2.35%	0.227%
55	12.486	1766	1768	1774	rVB2	42339	38958	2.56%	0.247%
56	12.604	1785	1788	1792	rBV	183997	154708	10.15%	0.980%
57	12.698	1801	1804	1808	rBV4	20095	22449	1.47%	0.142%
58	12.833	1822	1827	1831	rBV	187335	204253	13.40%	1.293%
59	12.974	1847	1851	1855	rVB	1147928	1032853	67.77%	6.540%
60	13.051	1859	1864	1868	rBV2	15855	27491	1.80%	0.174%
61	13.163	1880	1883	1887	rVB2	41607	38297	2.51%	0.242%
62	13.227	1892	1894	1897	rVB	29281	22925	1.50%	0.145%
63	13.268	1897	1901	1904	rBV2	23172	24219	1.59%	0.153%
64	13.862	1999	2002	2009	rVB2	140989	148983	9.78%	0.943%
65	14.033	2025	2031	2034	rBV2	600086	636107	41.74%	4.028%
66	14.057	2034	2035	2038	rVB	104831	59437	3.90%	0.376%
67	14.139	2043	2049	2052	rBV3	30532	41579	2.73%	0.263%
68	14.186	2052	2057	2060	rBV6	16600	27928	1.83%	0.177%
69	14.415	2092	2096	2100	rBV3	73456	109283	7.17%	0.692%
70	14.492	2106	2109	2114	rBV5	39328	65890	4.32%	0.417%
71	14.562	2119	2121	2125	rVB4	23428	20737	1.36%	0.131%

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72	15.074	2203	2208	2211	rBV	88269	145013	9.52%	0.918%
73	15.133	2216	2218	2222	rVV4	26094	35806	2.35%	0.227%
74	15.180	2224	2226	2230	rVB	23954	21310	1.40%	0.135%
75	15.380	2256	2260	2265	rVB	53790	75573	4.96%	0.478%
76	15.439	2266	2270	2276	rVB	73198	97657	6.41%	0.618%
77	15.504	2276	2281	2285	rBV	311042	426722	28.00%	2.702%
78	15.956	2355	2358	2361	rVB4	20628	25204	1.65%	0.160%
79	16.974	2528	2531	2540	rVB2	28543	53868	3.53%	0.341%
80	17.062	2542	2546	2551	rVV7	11750	20454	1.34%	0.130%
81	17.433	2603	2609	2611	rBV3	16533	29235	1.92%	0.185%

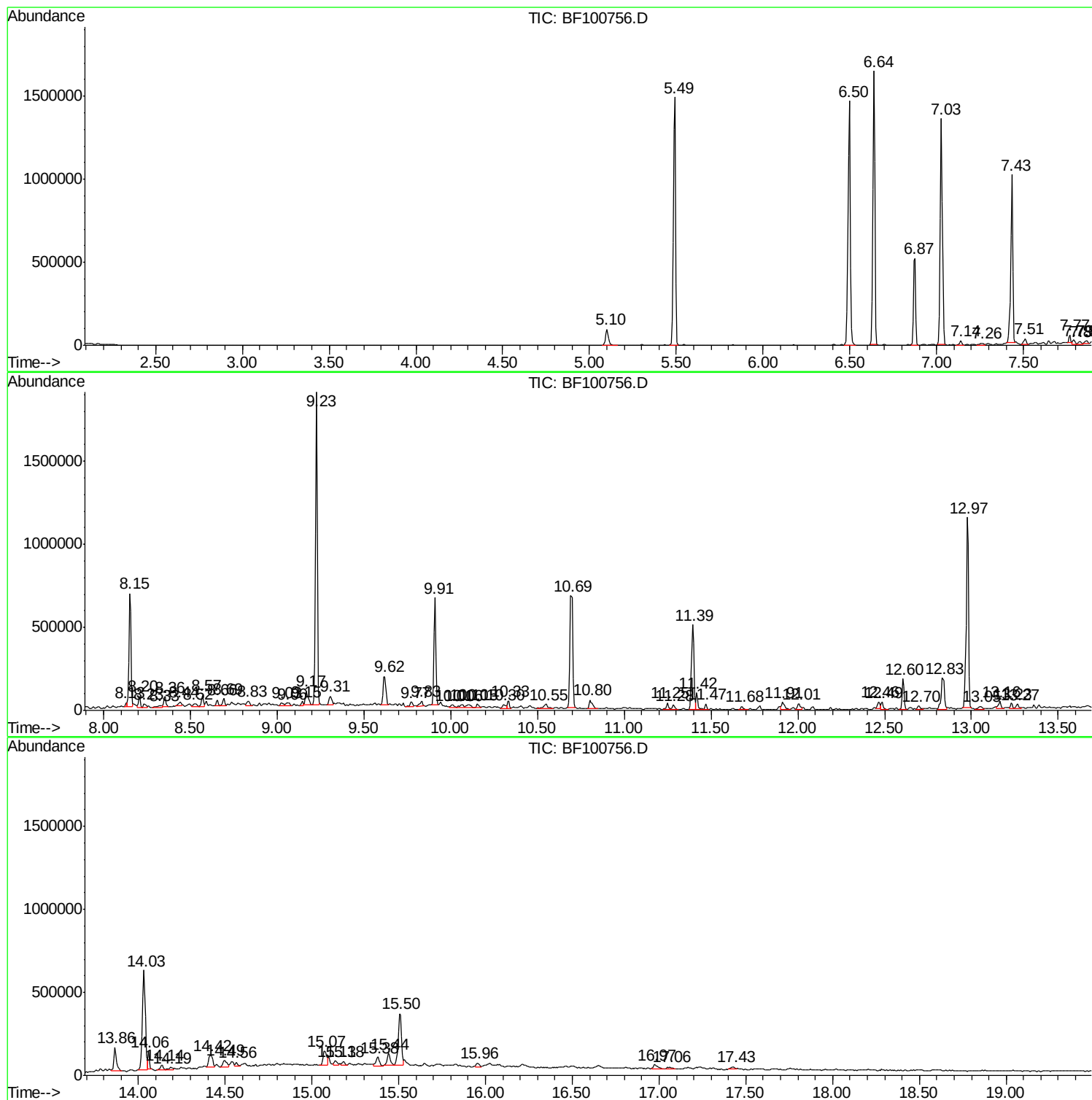
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Instrument :
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ClientSampled :
NB-08-111717

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
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Sample : I6306-01
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Instrument :
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ClientSampleId :
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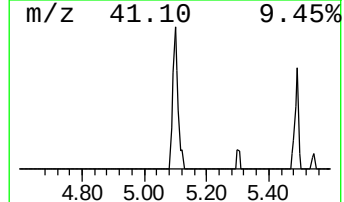
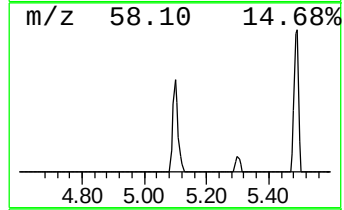
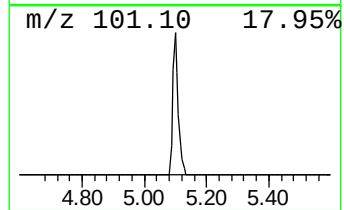
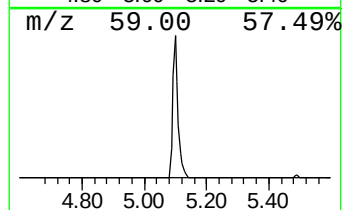
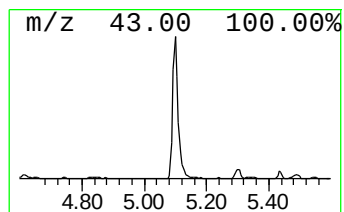
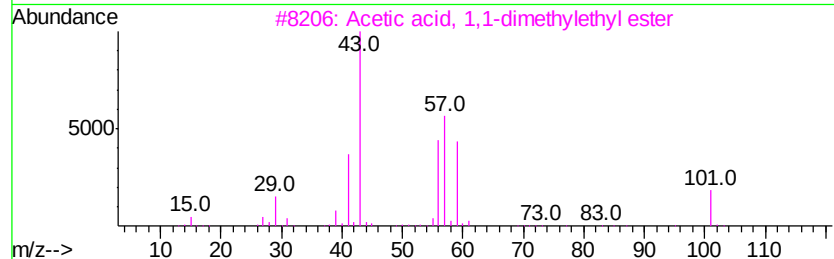
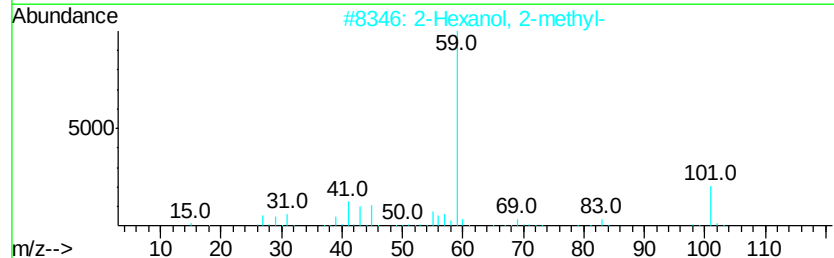
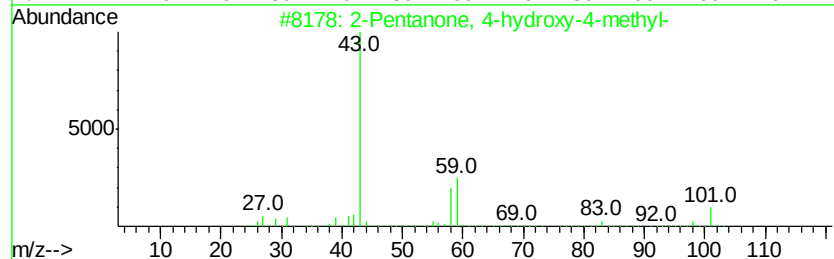
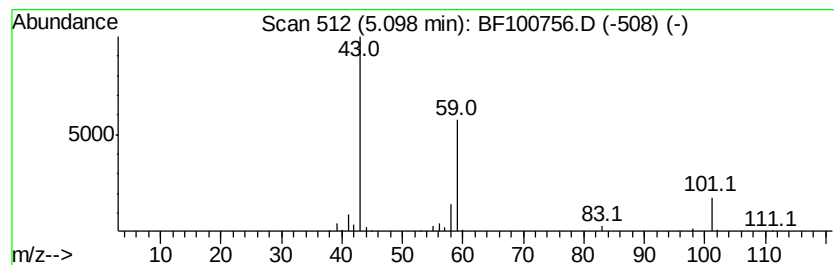
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	4.76 ng	114008	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
5			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28



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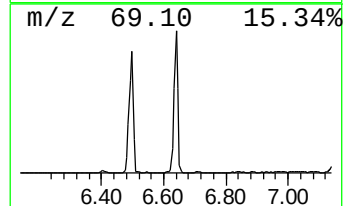
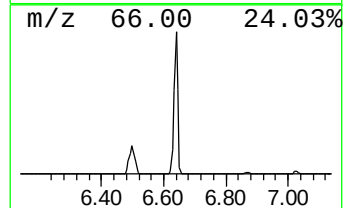
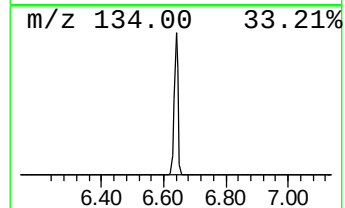
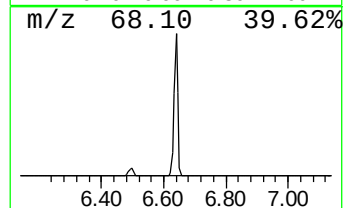
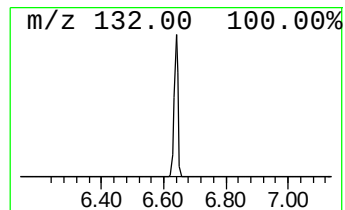
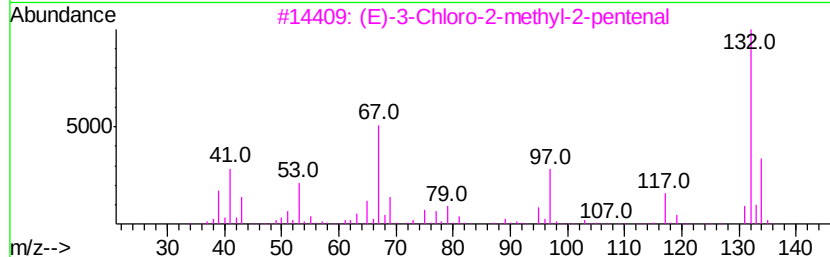
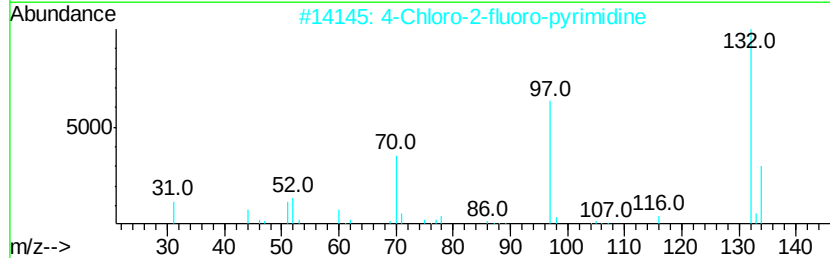
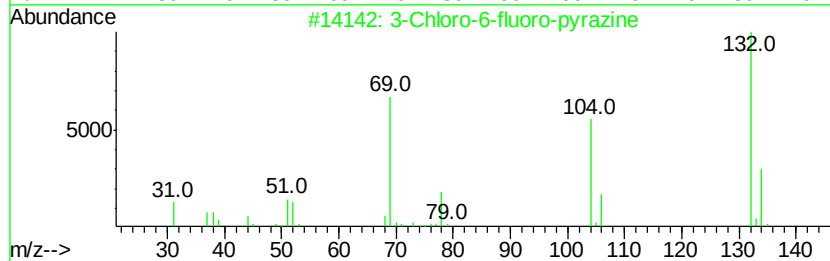
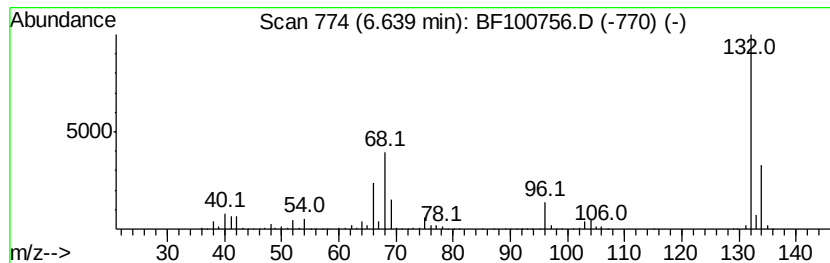
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	60.09 ng	1438280	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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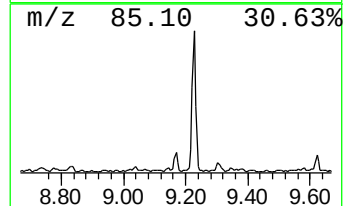
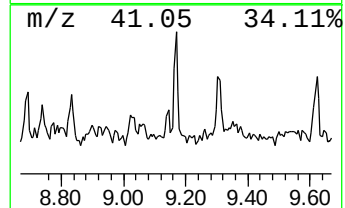
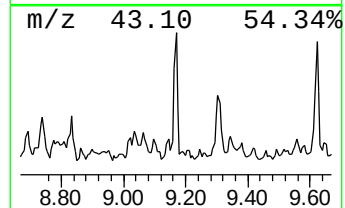
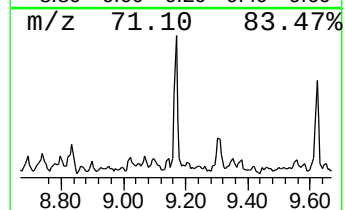
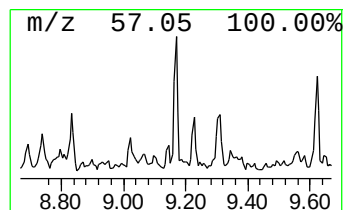
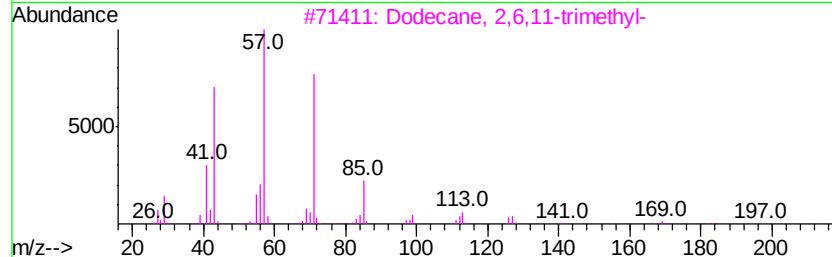
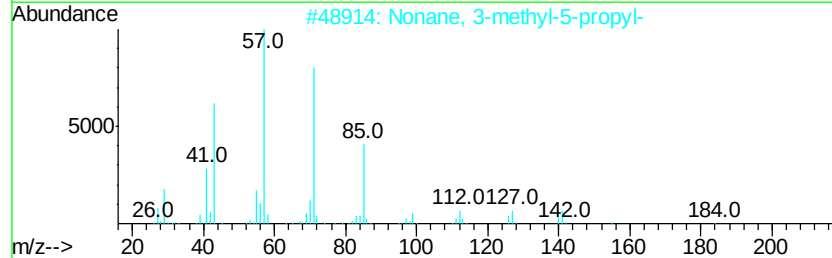
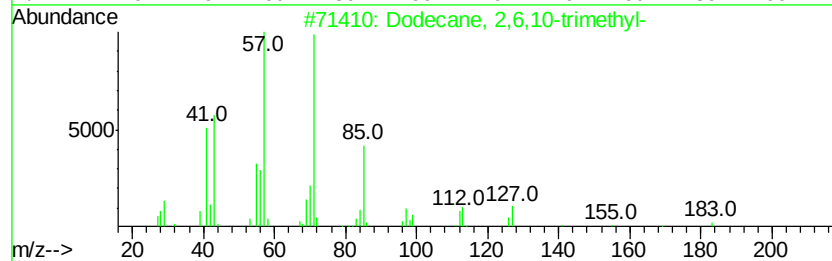
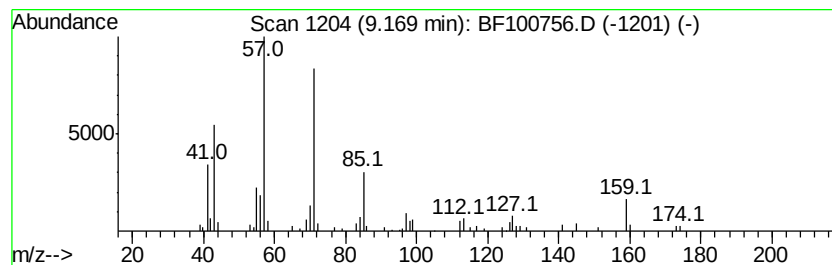
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.60 ng	96203	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



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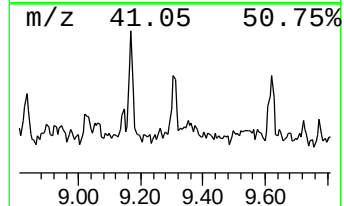
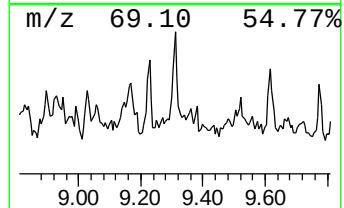
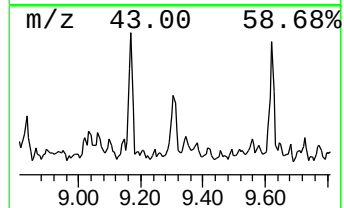
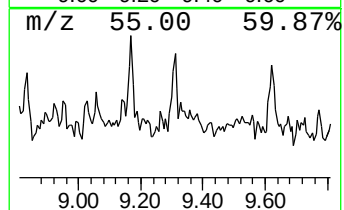
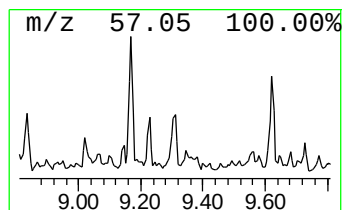
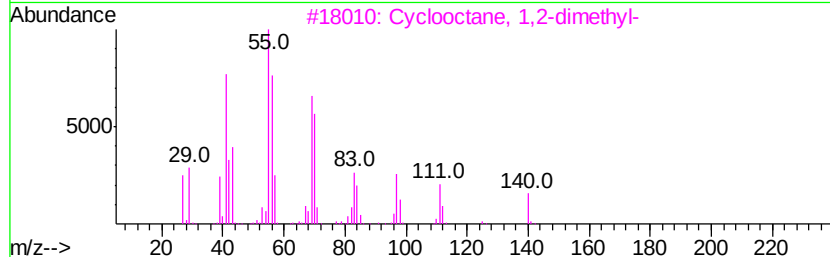
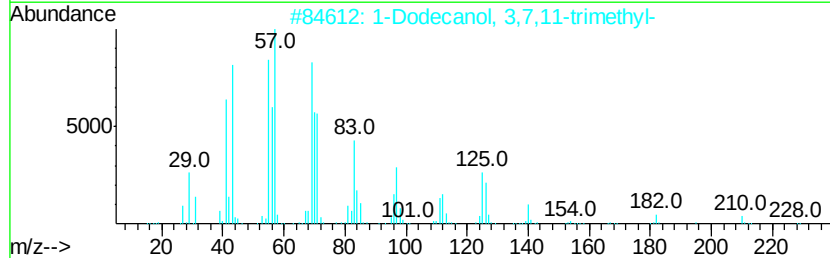
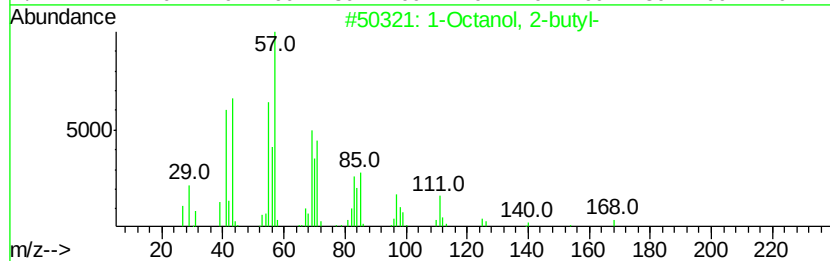
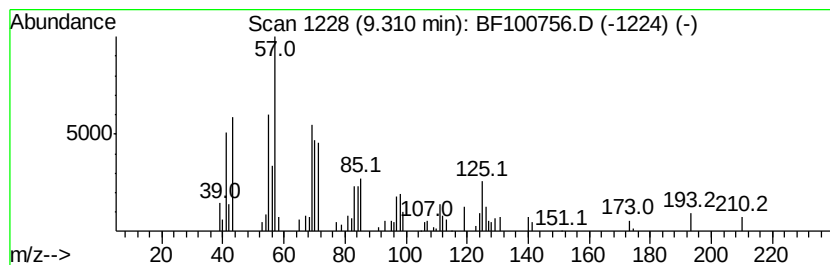
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.31 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	2.01 ng	53834	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	46
2		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43
3		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	35
4		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	35
5		Oxalic acid, cyclobutyl tridecyl...	326	C19H34O4	1000309-70-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
Operator : SJ/JU
Sample : I6306-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

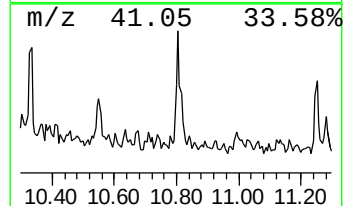
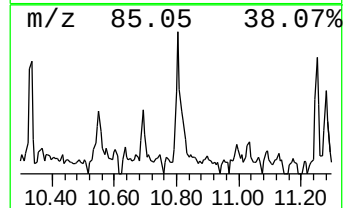
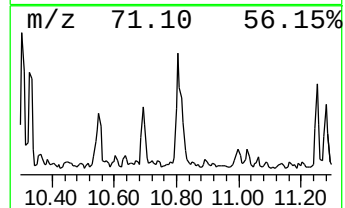
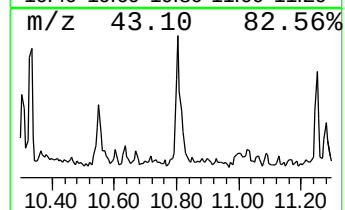
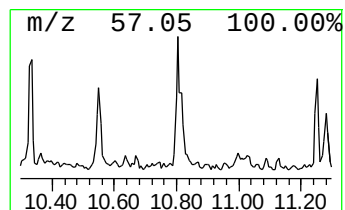
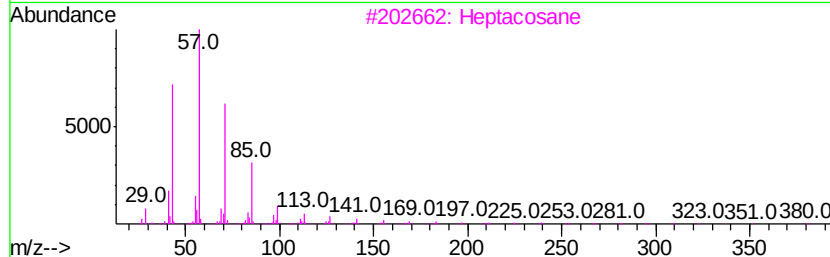
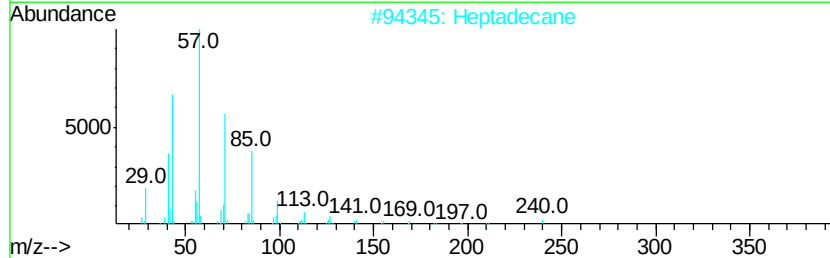
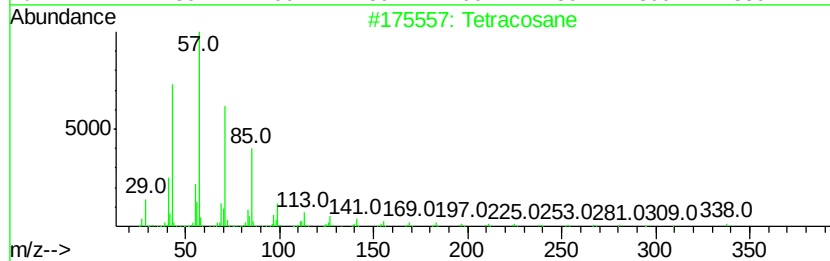
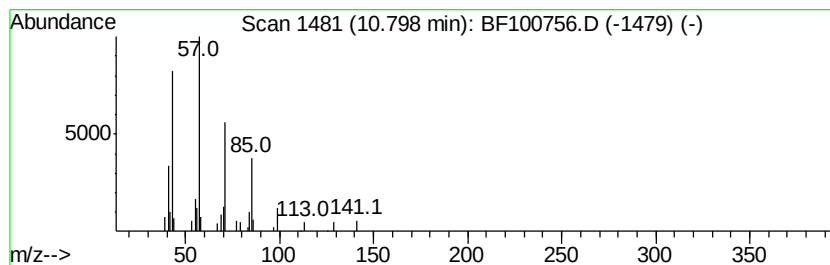
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ClientSampleId :
NB-08-111717

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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 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.80	2.84 ng	62580	Phenanthrene-d10		11.39
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

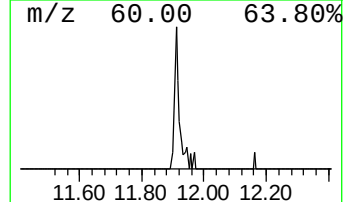
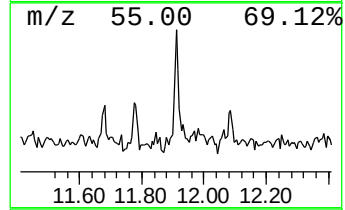
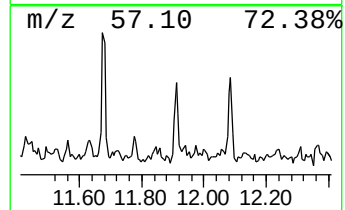
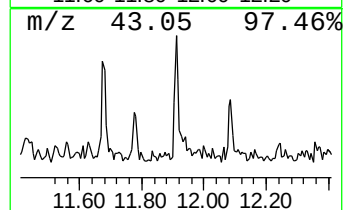
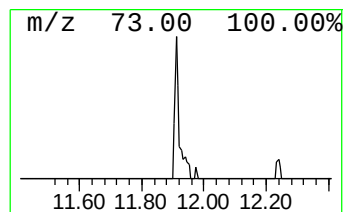
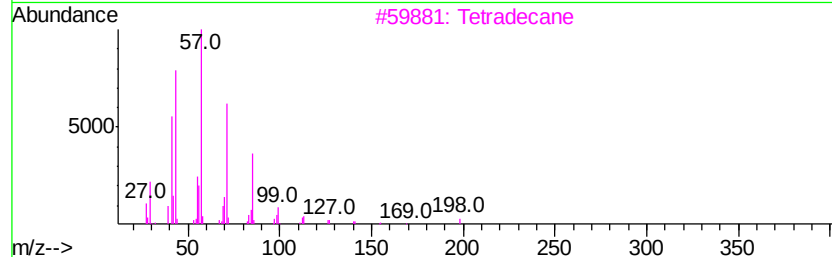
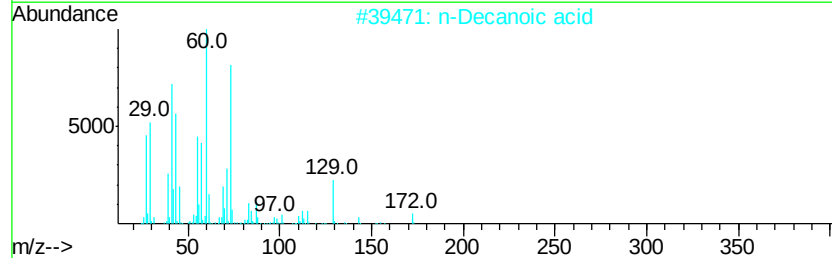
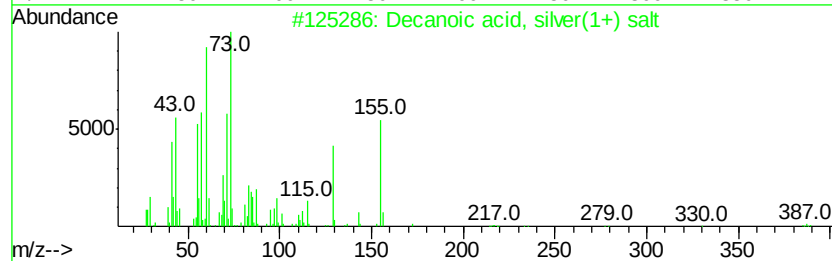
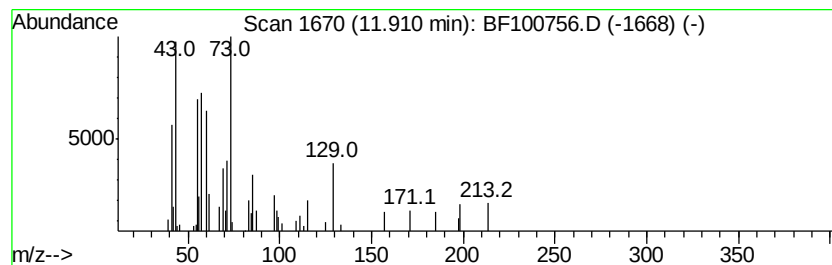
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decanoic acid, silver(1+) salt Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	2.32 ng	51259	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
2		n-Decanoic acid	172	C10H20O2	000334-48-5	43
3		Tetradecane	198	C14H30	000629-59-4	35
4		Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	30
5		Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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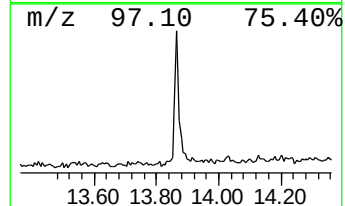
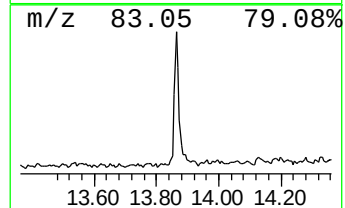
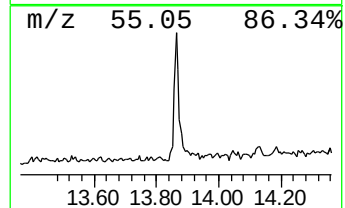
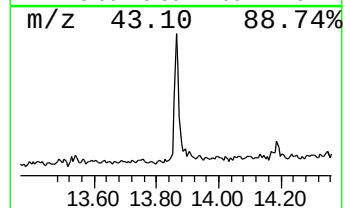
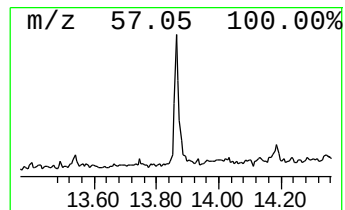
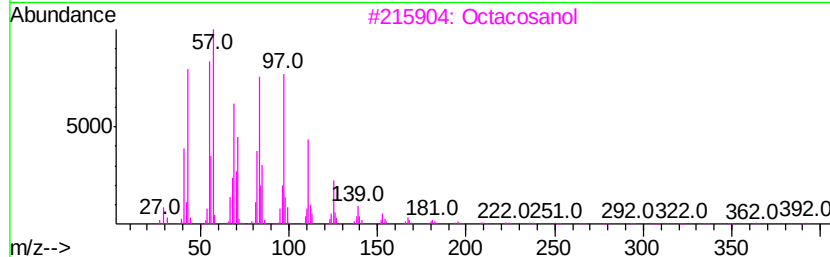
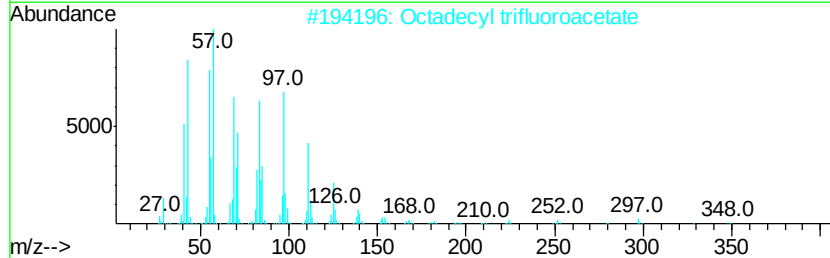
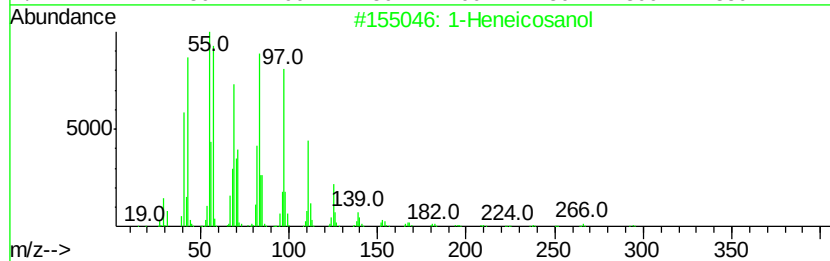
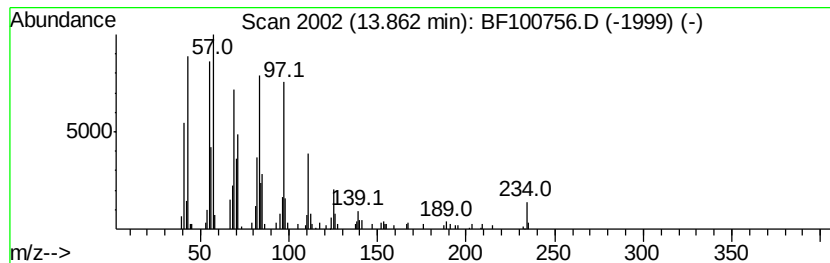
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.68 ng	148983	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3		Octacosanol	410	C28H58O	000557-61-9	93
4		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5		1-Docosene	308	C22H44	001599-67-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
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Misc :
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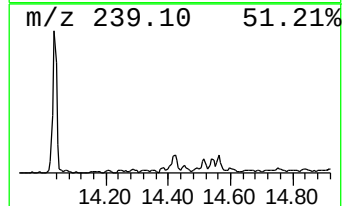
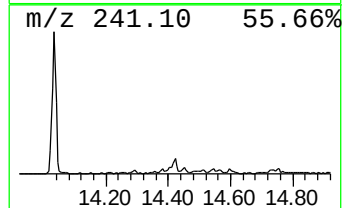
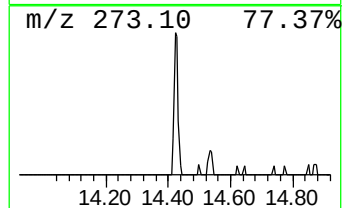
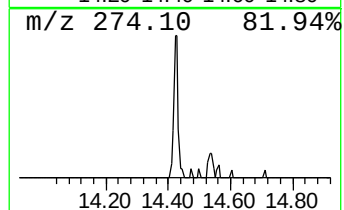
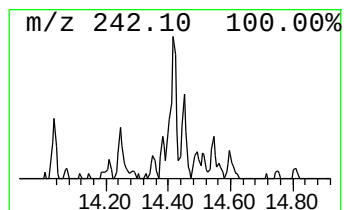
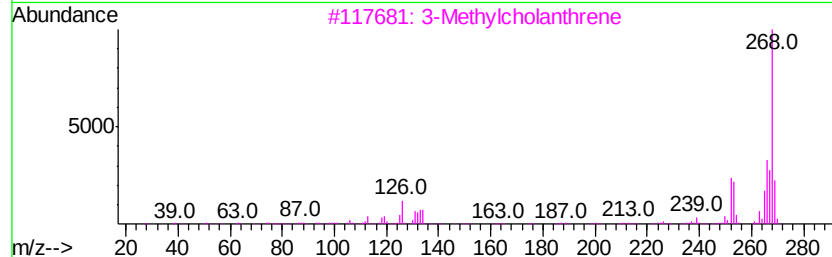
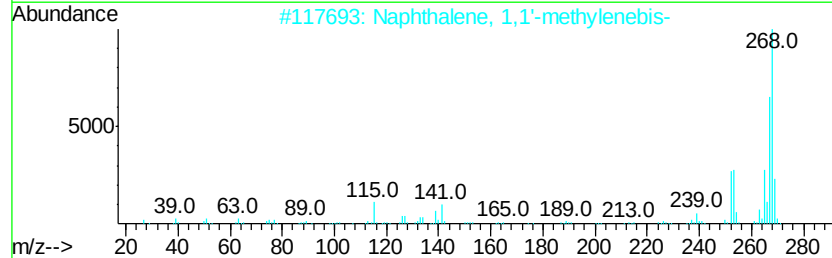
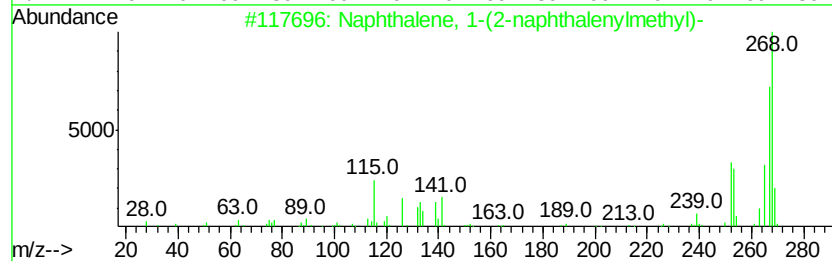
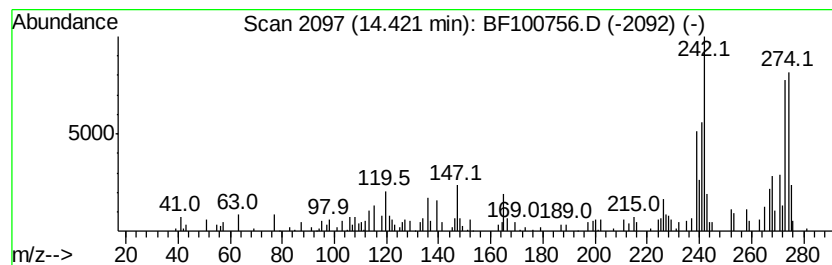
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	3.44 ng	109283	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	49
2		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	42
3		3-Methylcholanthrene	268	C21H16	000056-49-5	35
4		Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	25
5		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
Operator : SJ/JU
Sample : I6306-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

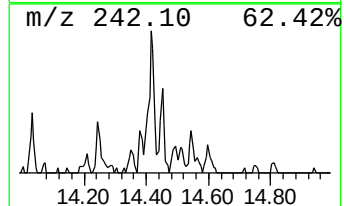
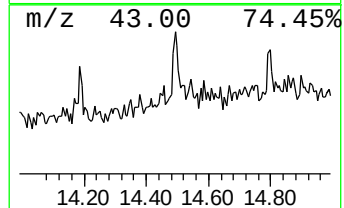
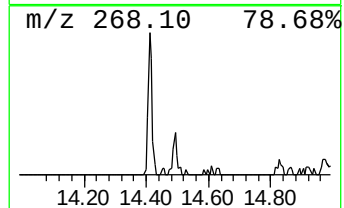
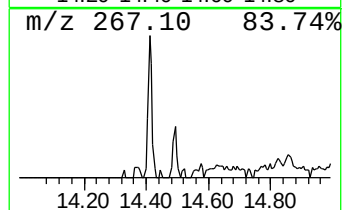
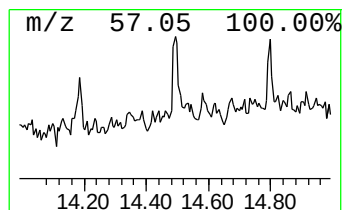
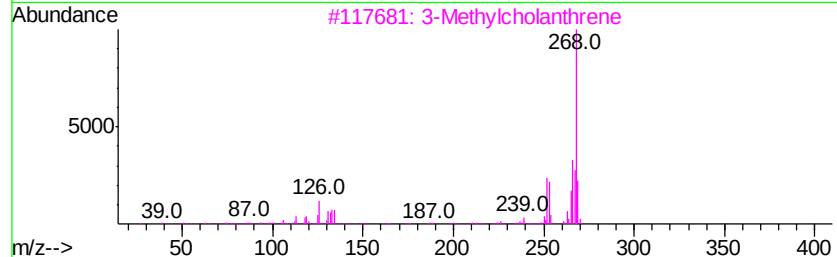
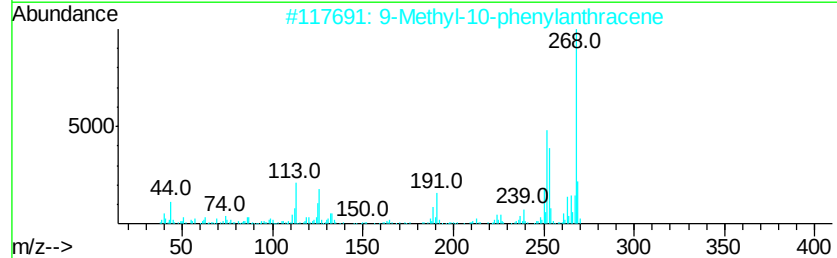
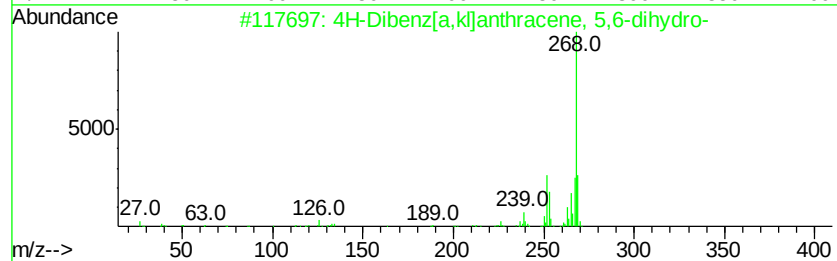
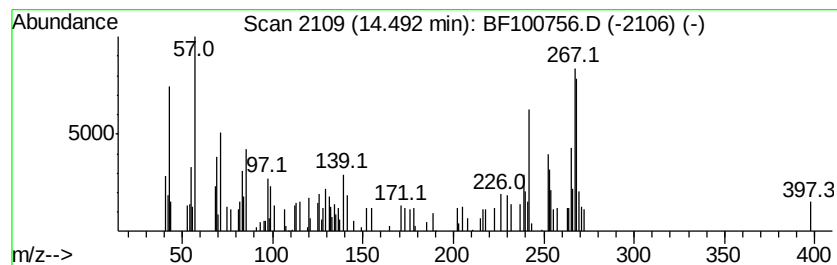
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.07 ng	65890	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Dibenz[a,k]anthracene, 5,6-d...	268	C21H16	007198-87-0	38
2		9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	38
3		3-Methylcholanthrene	268	C21H16	000056-49-5	30
4		7,9-Diamino-5,6-dihydronaphtho[2...	268	C14H12N4S	037071-29-7	27
5		Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
Data File : BF100756.D
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Misc :
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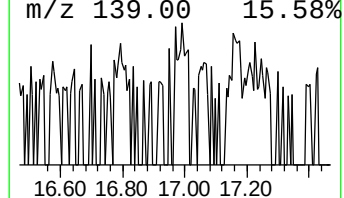
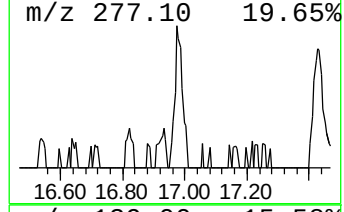
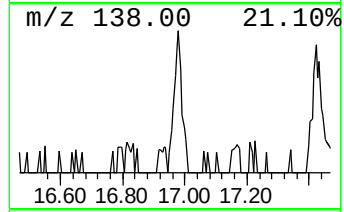
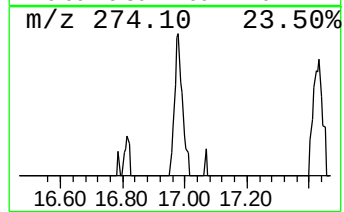
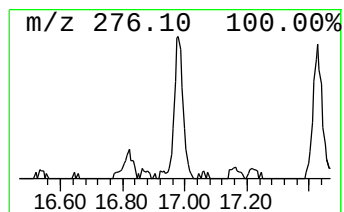
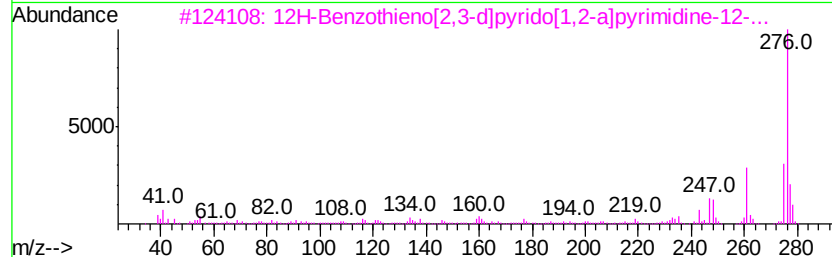
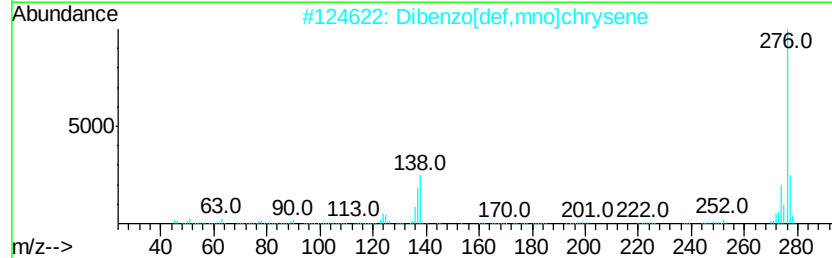
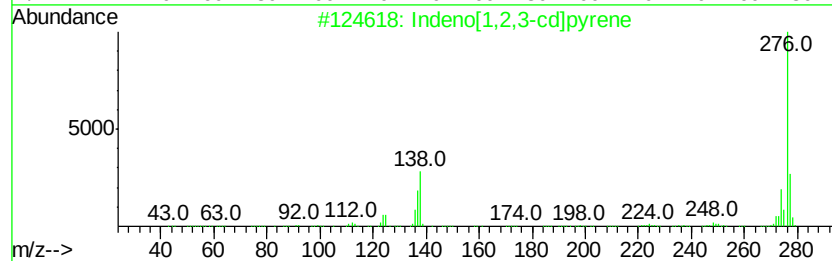
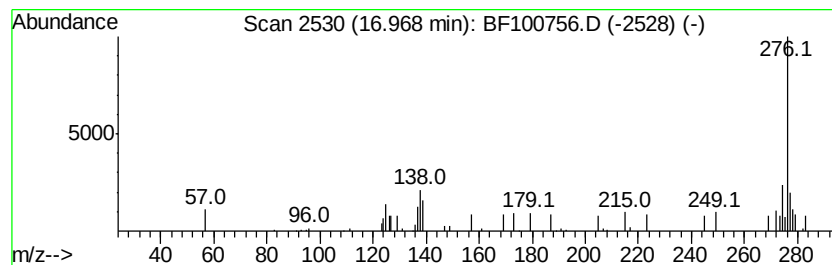
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indeno[1,2,3-cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.52 ng	53868	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
2		Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	62
3		12H-Benzothieno[2,3-d]pyrido[1,2-...	276	C14H16N2S2	102254-63-7	59
4		2,2,2-Trifluoro-N-(4-methoxy-1,3-...	276	C10H7F3N2O2S	1000373-11-3	53
5		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112017\
Data File : BF100756.D
Acq On : 21 Nov 2017 3:01
Operator : SJ/JU
Sample : I6306-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-111717

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.10	4.8	ng	114008	1	6.87	478729	20.0
unknown6.64	6.64	60.1	ng	1438280	1	6.87	478729	20.0
Dodecane, 2,6,10-...	9.17	3.6	ng	96203	3	9.91	534521	20.0
unknown9.31	9.31	2.0	ng	53834	3	9.91	534521	20.0
Tetracosane	10.80	2.8	ng	62580	4	11.39	441035	20.0
Decanoic acid, si...	11.91	2.3	ng	51259	4	11.39	441035	20.0
1-Heneicosanol	13.86	4.7	ng	148983	5	14.03	636107	20.0
unknown14.42	14.42	3.4	ng	109283	5	14.03	636107	20.0
unknown14.49	14.49	2.1	ng	65890	5	14.03	636107	20.0
Indeno[1,2,3-cd]p...	16.97	2.5	ng	53868	6	15.50	426722	20.0