

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090863.D
 Acq On : 27 Oct 2016 1:47
 Operator : UM/SJ
 Sample : H5396-06 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

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-BF102616.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	4.933	246	249	256	rBV	265895	307335	13.41%	1.063%
2	5.367	285	287	290	rBV	1086140	1305770	56.97%	4.515%
3	6.053	345	347	349	rBV	186148	203861	8.89%	0.705%
4	6.224	359	362	363	rBV	21440	25278	1.10%	0.087%
5	6.419	377	379	383	rBV	1701841	1662627	72.54%	5.748%
6	6.476	383	384	388	rVB	67699	79189	3.45%	0.274%
7	6.544	388	390	393	rBV	1164507	1603159	69.94%	5.543%
8	6.784	409	411	417	rBV	951529	924062	40.32%	3.195%
9	6.864	417	418	420	rVB	39440	32228	1.41%	0.111%
10	6.944	423	425	427	rBV	1100586	1315422	57.39%	4.548%
11	7.344	458	460	463	rBV	663593	857312	37.40%	2.964%
12	7.767	494	497	499	rBV	24645	33884	1.48%	0.117%
13	7.985	514	516	518	rBV	20633	25605	1.12%	0.089%
14	8.076	521	524	526	rVV	1214048	1253762	54.70%	4.335%
15	8.122	527	528	533	rVB2	41551	64160	2.80%	0.222%
16	8.270	540	541	543	rVB	20627	26301	1.15%	0.091%
17	8.647	572	574	577	rBV2	29352	41297	1.80%	0.143%
18	9.002	599	605	606	rBV	22721	32381	1.41%	0.112%
19	9.150	616	618	621	rBV	2654302	2292062	100.00%	7.925%
20	9.219	622	624	627	rVB2	23972	40302	1.76%	0.139%
21	9.550	651	653	655	rBV	469680	460410	20.09%	1.592%
22	9.745	668	670	671	rBV	28236	33642	1.47%	0.116%
23	9.768	671	672	675	rVV	46895	35769	1.56%	0.124%
24	9.825	675	677	679	rVV	1694643	1489854	65.00%	5.151%
25	9.859	679	680	685	rVB	34392	35416	1.55%	0.122%
26	9.950	685	688	690	rBV2	32565	31506	1.37%	0.109%
27	9.985	690	691	694	rVB	31774	27361	1.19%	0.095%
28	10.099	699	701	706	rVB2	13988	28499	1.24%	0.099%
29	10.271	714	716	717	rVB	45322	43240	1.89%	0.150%
30	10.488	731	735	737	rBV	22613	37191	1.62%	0.129%
31	10.613	743	746	749	rBV	1086587	1052681	45.93%	3.640%
32	10.659	749	750	755	rVV5	27943	56701	2.47%	0.196%
33	10.739	755	757	761	rVB	110060	126034	5.50%	0.436%
34	11.116	787	790	792	rBV3	17921	29022	1.27%	0.100%

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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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.185	795	796	798	rBV2	47433	44721	1.95%	0.155%
36	11.276	802	804	805	rBV	18087	27357	1.19%	0.095%
37	11.311	805	807	809	rBV	1405664	1273650	55.57%	4.404%
38	11.551	824	828	832	rBV6	28931	79490	3.47%	0.275%
39	11.608	832	833	837	rVB	23771	38055	1.66%	0.132%
40	11.848	852	854	862	rBV2	112380	207469	9.05%	0.717%
41	12.019	865	869	871	rBV	54827	91594	4.00%	0.317%
42	12.191	882	884	886	rVB2	31874	47697	2.08%	0.165%
43	12.259	886	890	892	rBV	222769	219463	9.57%	0.759%
44	12.374	898	900	902	rBV2	102689	200015	8.73%	0.692%
45	12.522	911	913	914	rBV2	79454	115347	5.03%	0.399%
46	12.568	914	917	919	rVB	723274	659255	28.76%	2.279%
47	12.751	931	933	934	rBV	39735	40308	1.76%	0.139%
48	12.785	934	936	937	rVB2	47051	57375	2.50%	0.198%
49	12.808	937	938	942	rVB4	20734	27789	1.21%	0.096%
50	12.899	943	946	948	rBV	1794904	1790010	78.10%	6.189%
51	13.036	955	958	960	rBV	65732	80071	3.49%	0.277%
52	13.071	960	961	964	rVB3	30147	40491	1.77%	0.140%
53	13.139	964	967	969	rBV	89347	120007	5.24%	0.415%
54	13.174	969	970	975	rVB3	30629	62398	2.72%	0.216%
55	13.311	980	982	984	rVV	71502	81228	3.54%	0.281%
56	13.357	984	986	988	rVV2	73867	94913	4.14%	0.328%
57	13.402	988	990	994	rVB	130882	141970	6.19%	0.491%
58	13.482	994	997	999	rBV	59327	66121	2.88%	0.229%
59	13.597	1005	1007	1009	rBV3	28384	30155	1.32%	0.104%
60	13.699	1013	1016	1017	rBV2	47318	71087	3.10%	0.246%
61	13.734	1017	1019	1020	rBV	53619	52947	2.31%	0.183%
62	13.814	1023	1026	1031	rBV2	181518	362948	15.83%	1.255%
63	13.951	1035	1038	1040	rBV	913007	1164708	50.81%	4.027%
64	14.122	1051	1053	1057	rVB	33401	55563	2.42%	0.192%
65	14.442	1078	1081	1084	rBV2	151605	308131	13.44%	1.065%
66	14.728	1104	1106	1107	rBV	37104	37969	1.66%	0.131%
67	14.797	1110	1112	1118	rVB	49880	60421	2.64%	0.209%
68	14.968	1124	1127	1131	rBV	59746	192387	8.39%	0.665%
69	15.048	1131	1134	1136	rBV	315776	370303	16.16%	1.280%
70	15.242	1149	1151	1154	rVB	38855	56354	2.46%	0.195%
71	15.300	1154	1156	1159	rBV	36710	66374	2.90%	0.229%

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

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72	15.368	1159	1162	1164	rBV	656611	961730	41.96%	3.325%
73	15.494	1171	1173	1179	rVB3	55067	98641	4.30%	0.341%
74	15.620	1182	1184	1187	rVB2	37908	51966	2.27%	0.180%
75	15.814	1198	1201	1203	rBV	202270	306687	13.38%	1.060%
76	15.860	1203	1205	1209	rVV3	49476	105117	4.59%	0.363%
77	15.951	1210	1213	1217	rVB4	110869	188388	8.22%	0.651%
78	16.420	1252	1254	1257	rVB3	32744	57965	2.53%	0.200%
79	16.831	1287	1290	1293	rBV	46075	95160	4.15%	0.329%
80	17.025	1303	1307	1313	rVB4	74800	284460	12.41%	0.984%
81	17.288	1326	1330	1340	rBV9	74571	310704	13.56%	1.074%
82	17.586	1351	1356	1358	rBV5	40620	136211	5.94%	0.471%
83	17.791	1371	1374	1379	rVB5	51316	151527	6.61%	0.524%
84	17.928	1383	1386	1390	rVB2	49466	108983	4.75%	0.377%
85	18.020	1391	1394	1397	rBV5	23201	72630	3.17%	0.251%
86	18.226	1408	1412	1419	rVB2	92492	276060	12.04%	0.954%
87	18.477	1431	1434	1438	rVB4	22208	55491	2.42%	0.192%
88	18.717	1452	1455	1460	rVB6	33175	99433	4.34%	0.344%
89	19.026	1478	1482	1490	rVB5	50833	157924	6.89%	0.546%
90	19.186	1490	1496	1506	rVB	424082	1354484	59.09%	4.683%

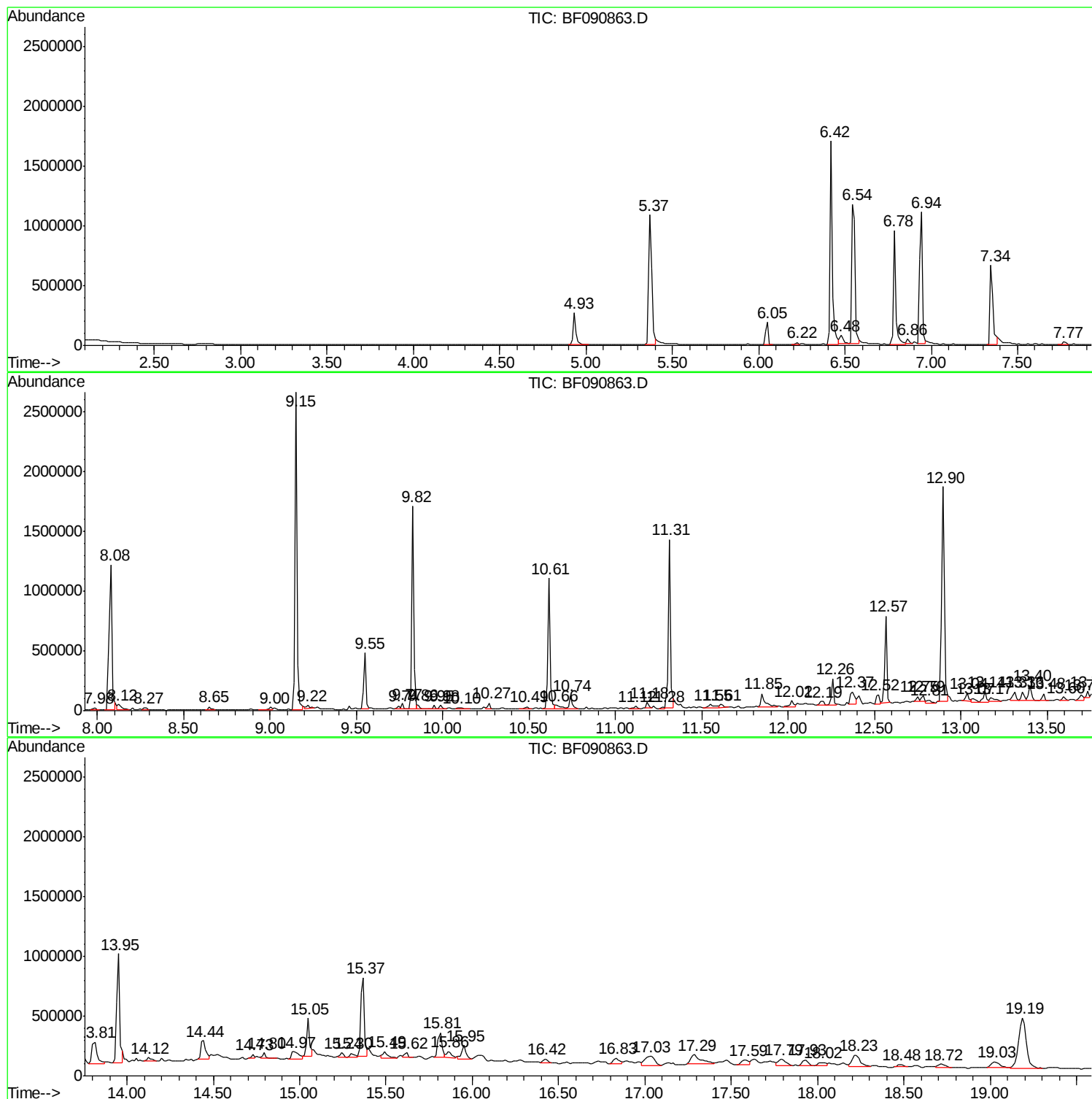
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P3-S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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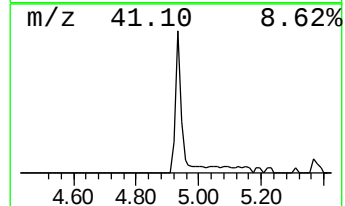
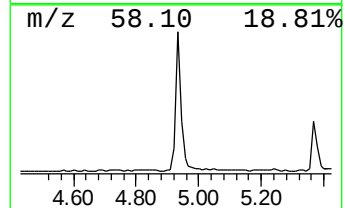
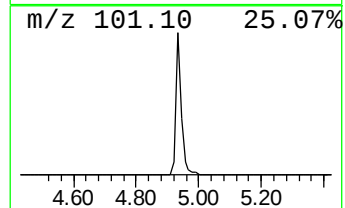
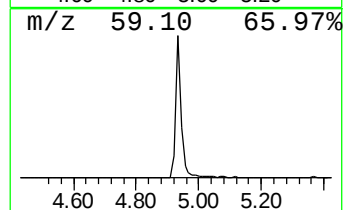
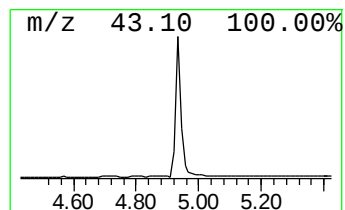
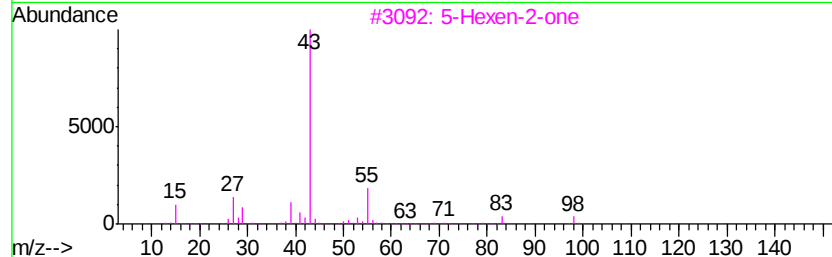
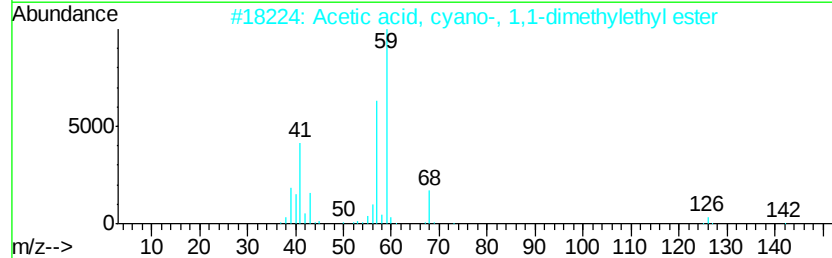
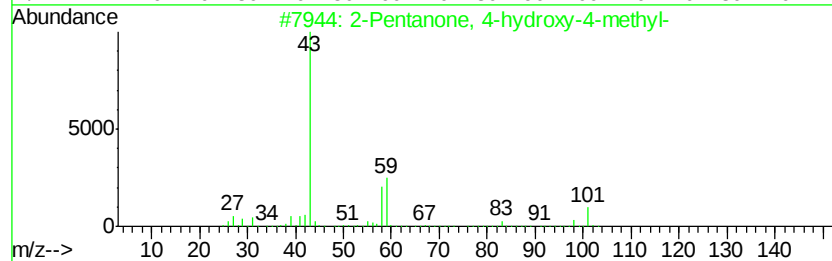
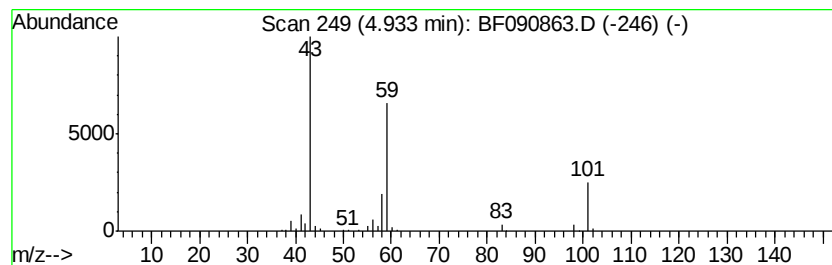
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.65 ng	307335	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17	
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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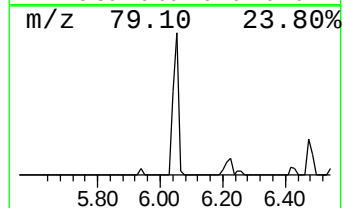
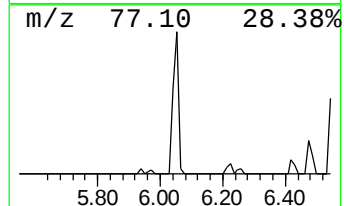
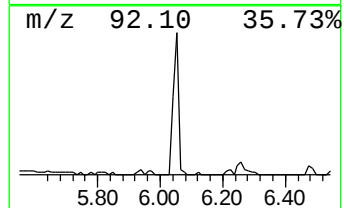
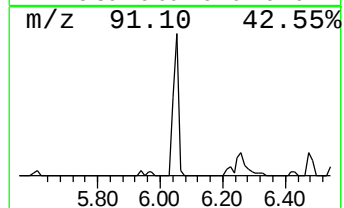
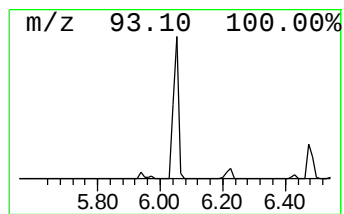
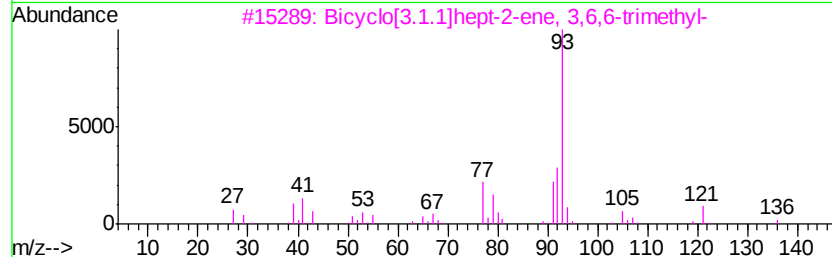
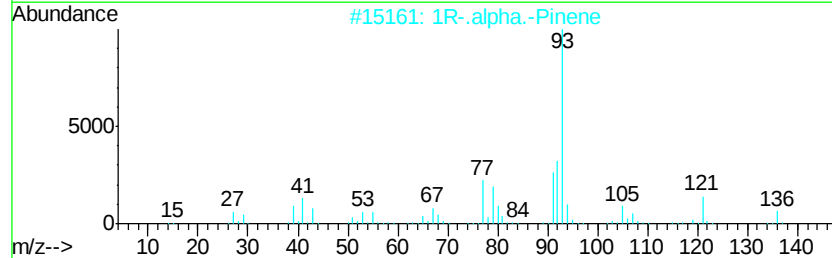
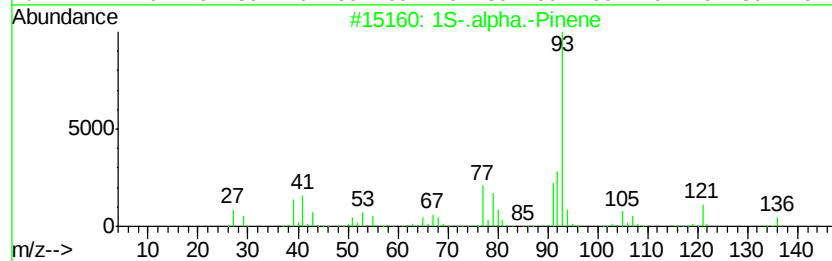
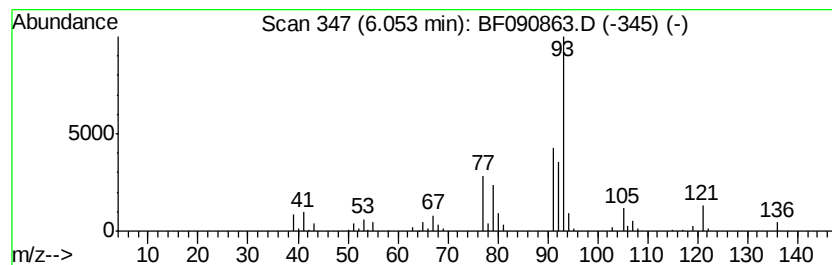
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1S-.alpha.-Pinene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	4.41 ng	203861	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1S-.alpha.-Pinene	136	C10H16	007785-26-4	95
2		1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
4		.alpha.-Pinene	136	C10H16	000080-56-8	94
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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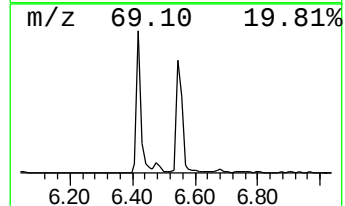
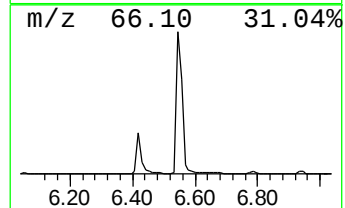
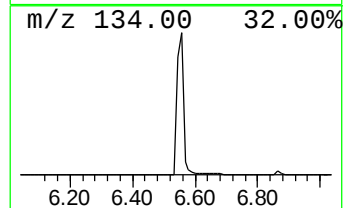
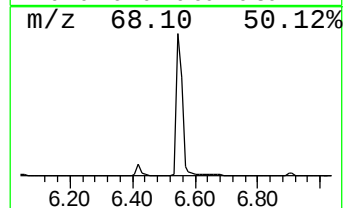
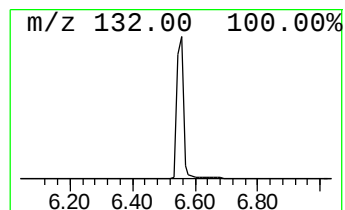
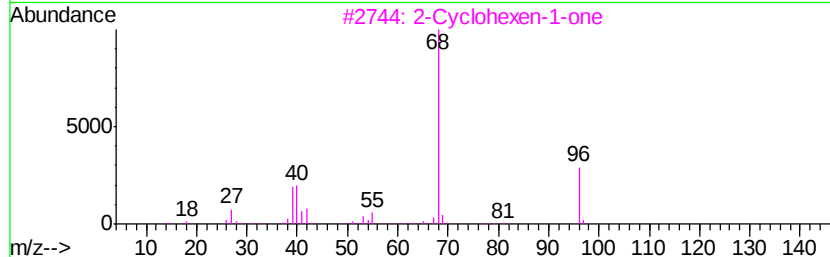
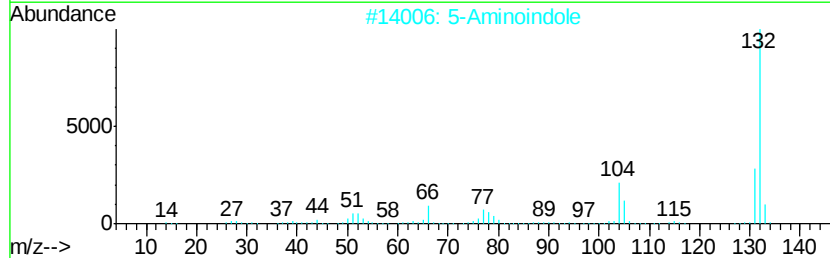
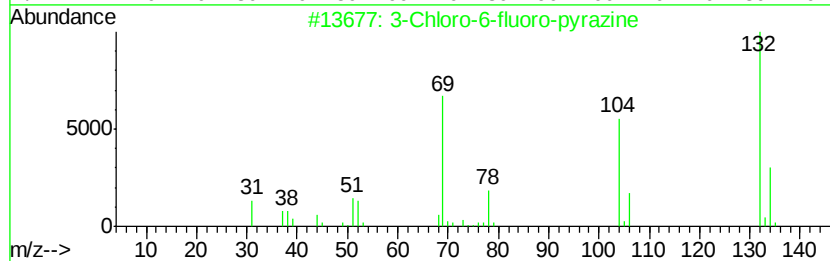
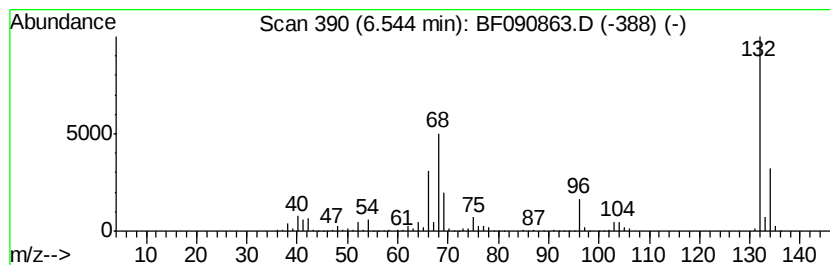
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	34.70 ng	1603160	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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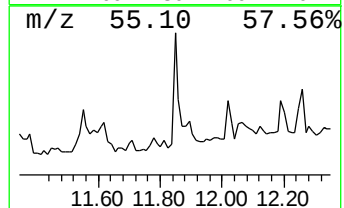
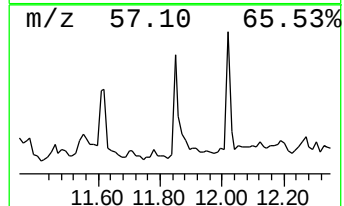
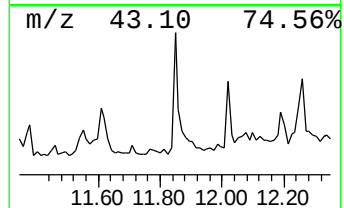
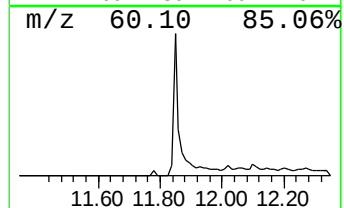
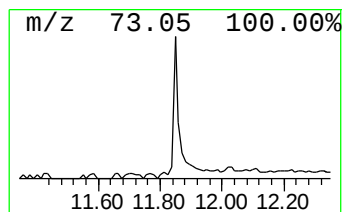
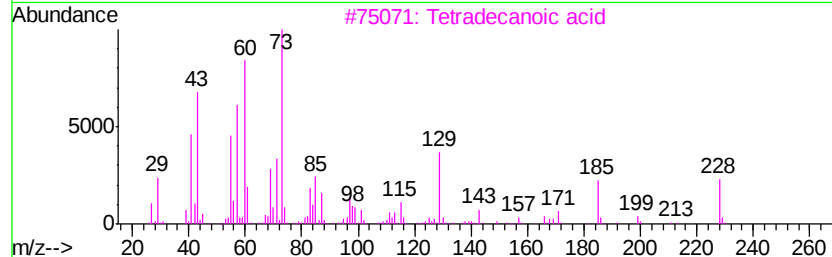
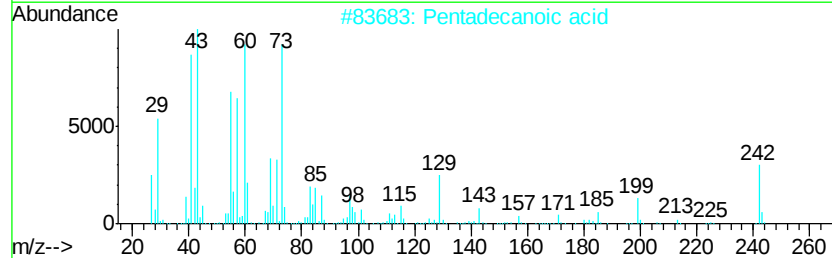
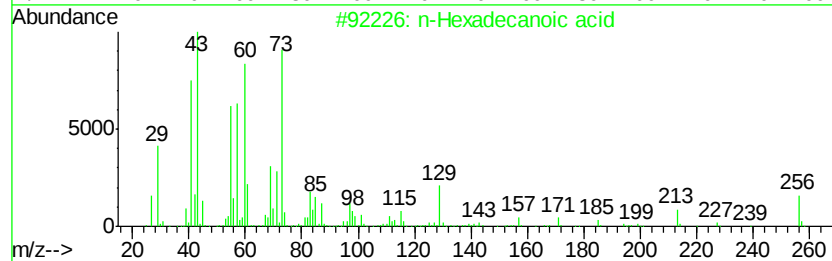
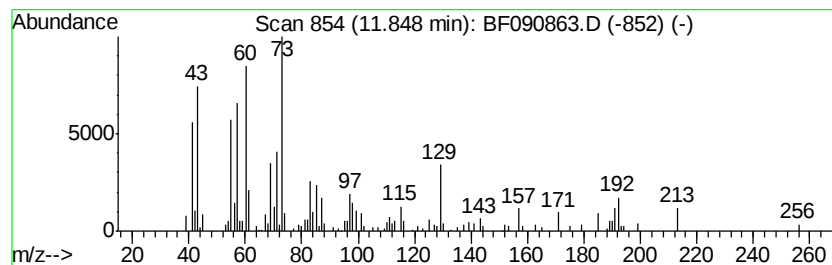
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.26 ng	207469	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

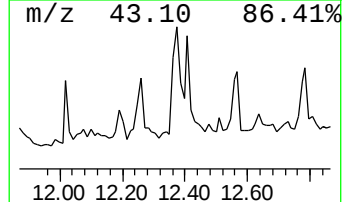
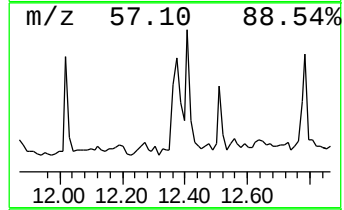
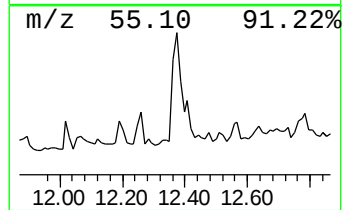
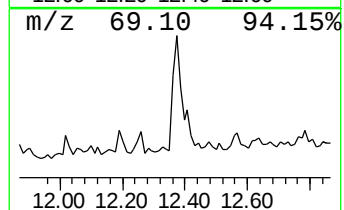
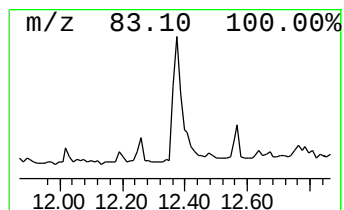
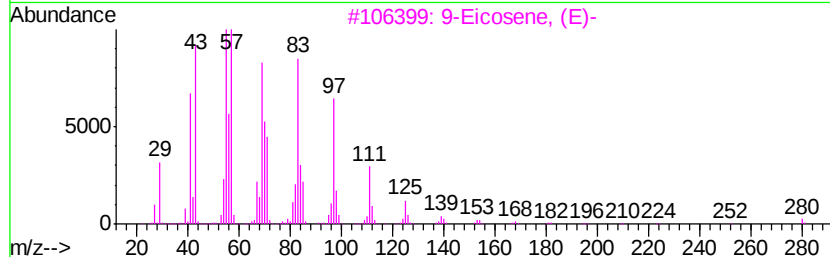
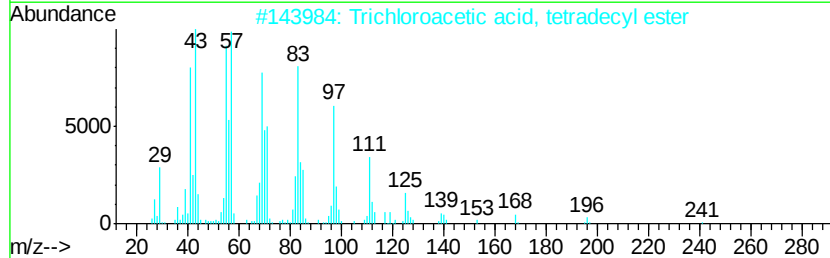
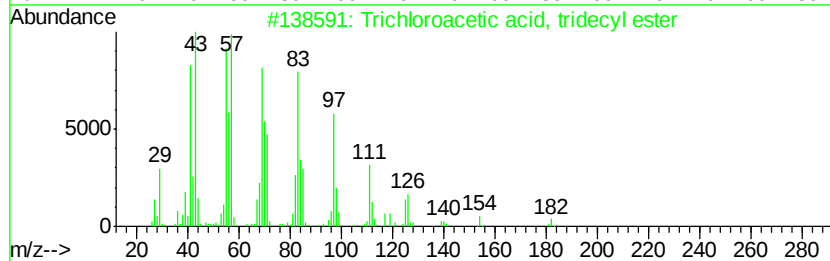
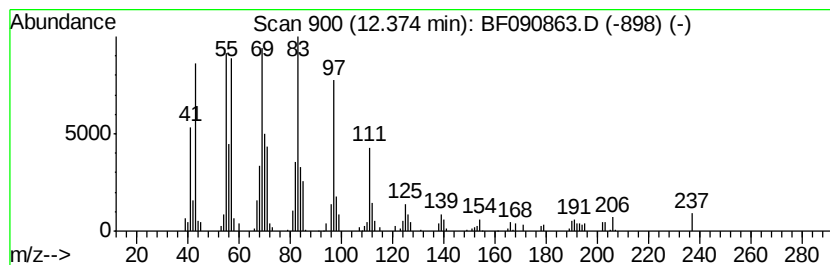
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Trichloroacetic acid, tride... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.14 ng	200015	Phenanthrene-d10	11.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	91
2			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	91
5			5-Octadecene, (E)-	252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

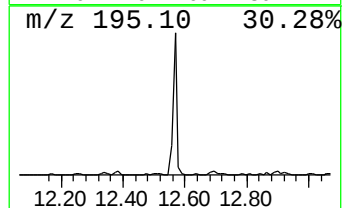
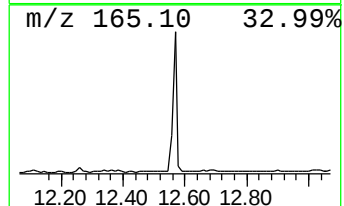
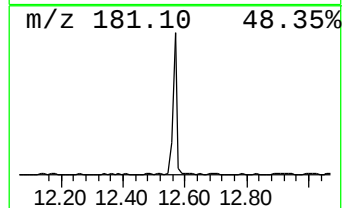
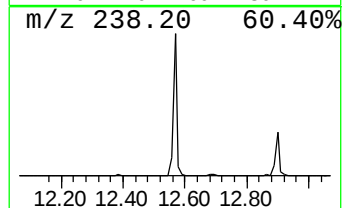
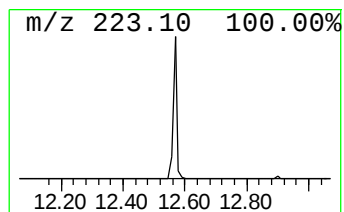
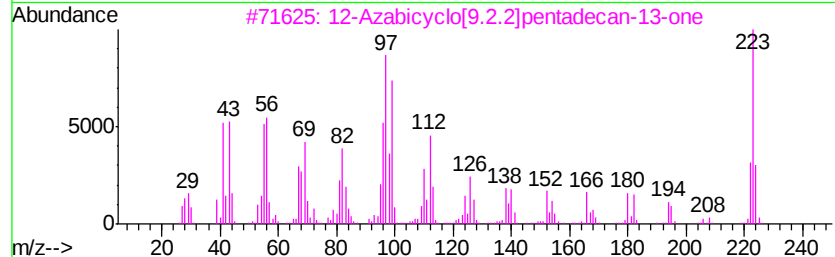
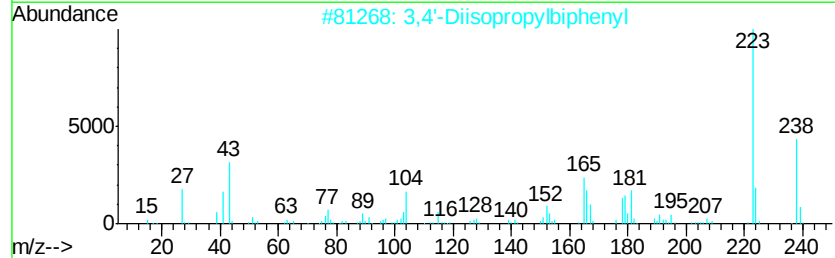
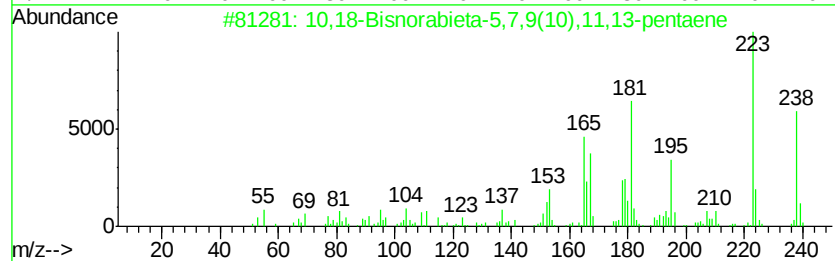
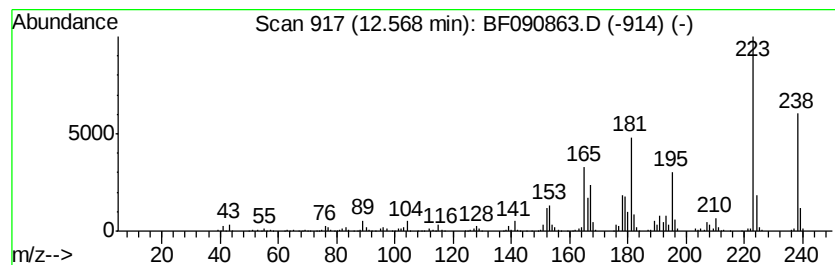
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.57	10.35 ng	659255	Phenanthrene-d10	11.31	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	70
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
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Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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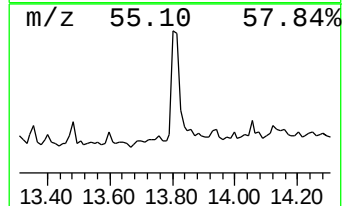
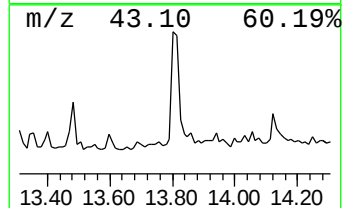
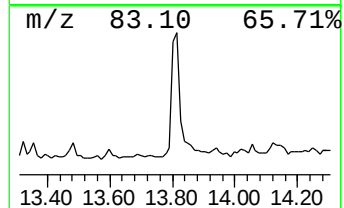
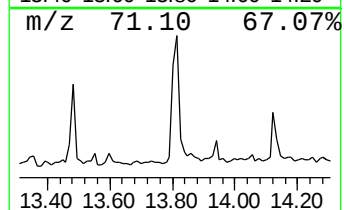
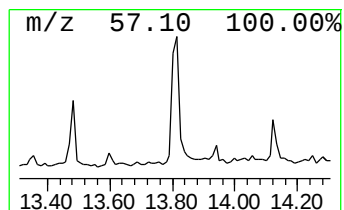
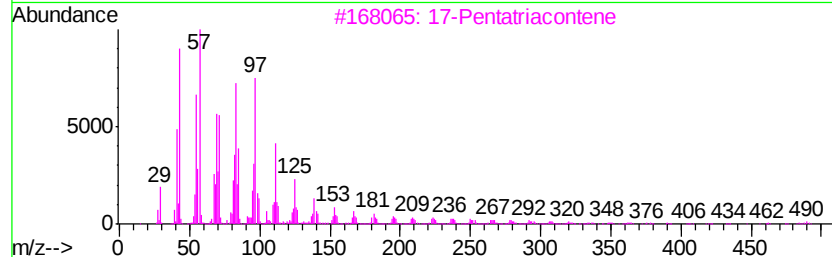
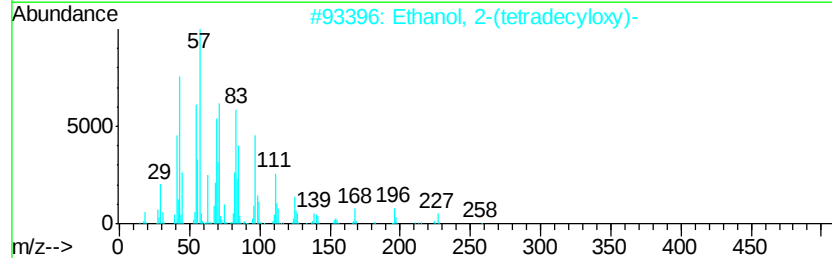
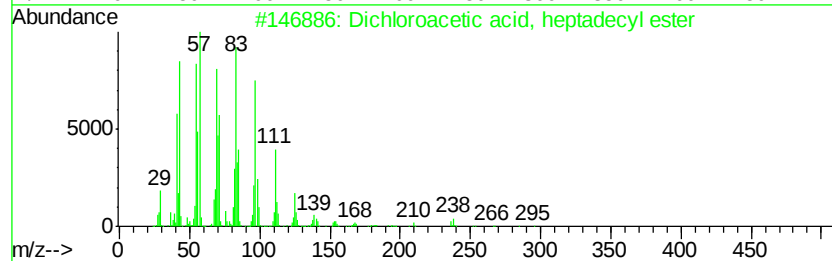
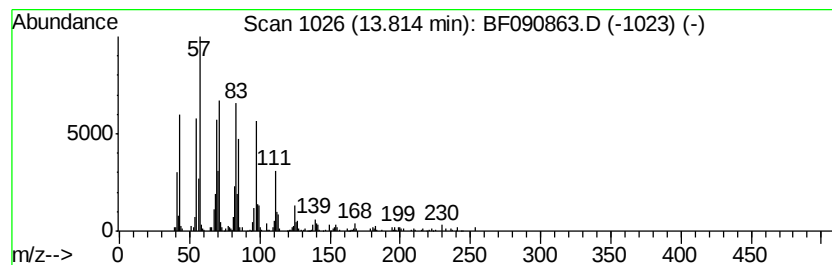
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.23 ng	362948	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		17-Pentatriacontene	491	C35H70	006971-40-0	86
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

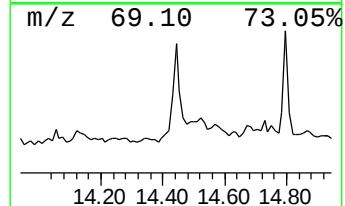
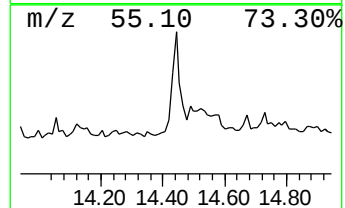
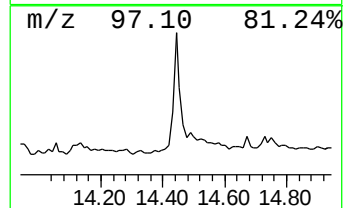
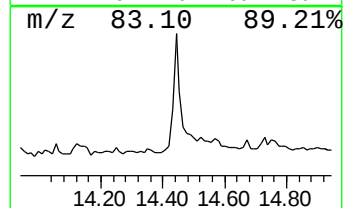
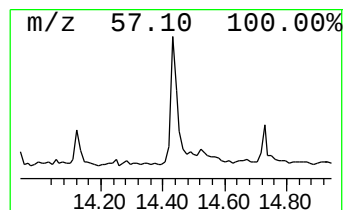
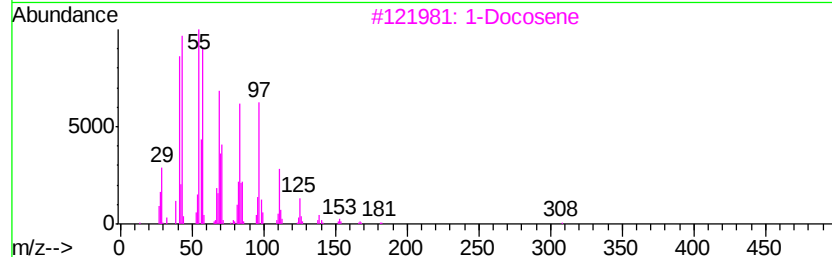
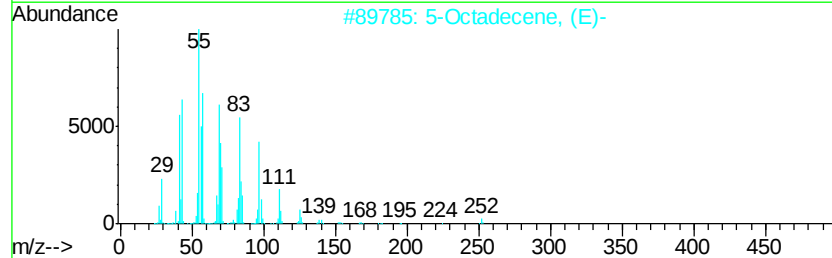
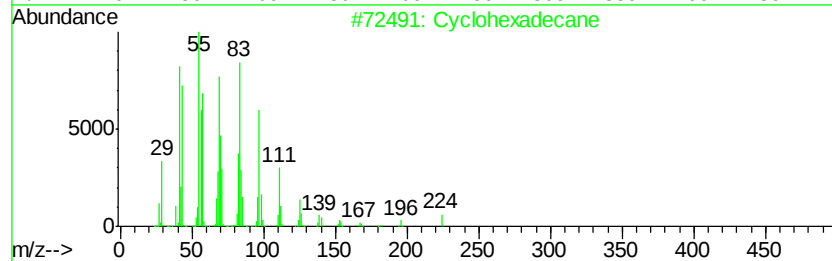
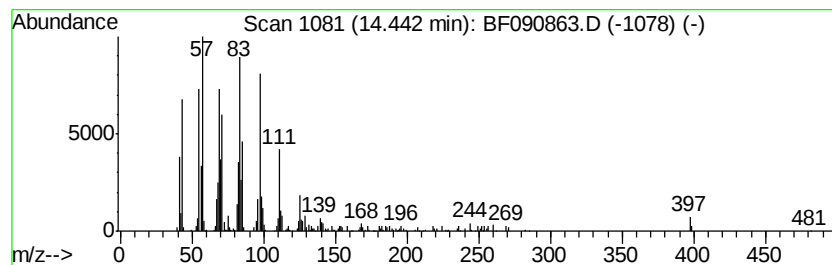
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	5.29 ng	308131	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	99
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	93
3		1-Docosene	308	C22H44	001599-67-3	90
4		Cycloeicosane	280	C20H40	000296-56-0	87
5		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
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Acq On : 27 Oct 2016 1:47
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Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

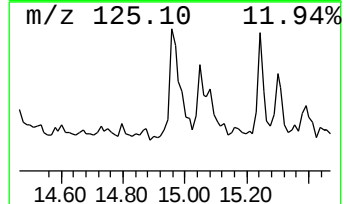
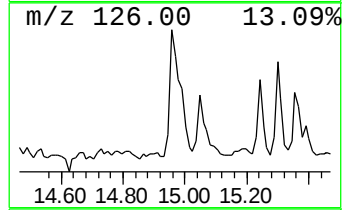
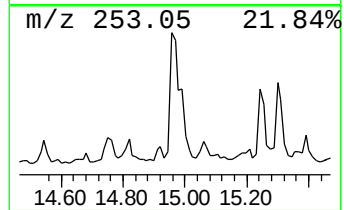
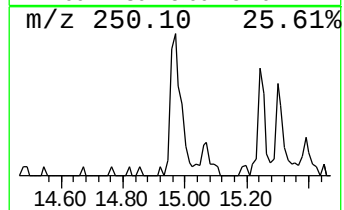
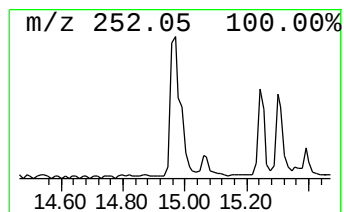
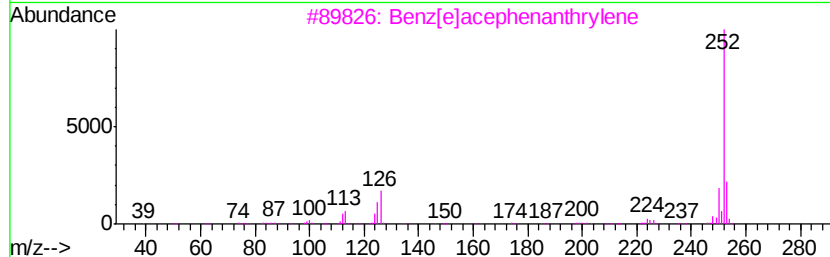
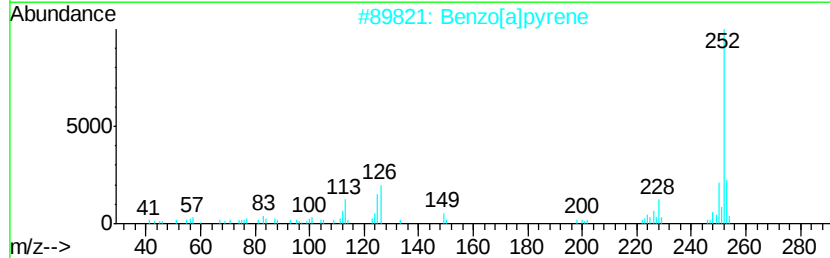
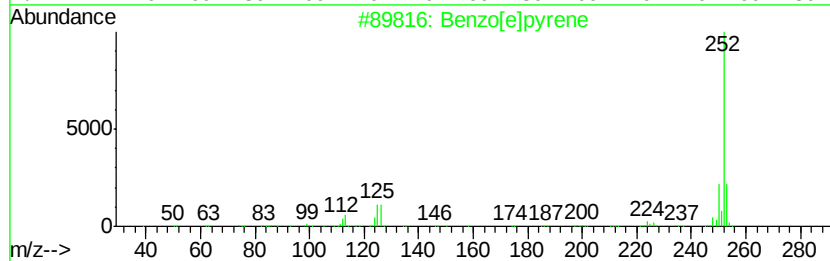
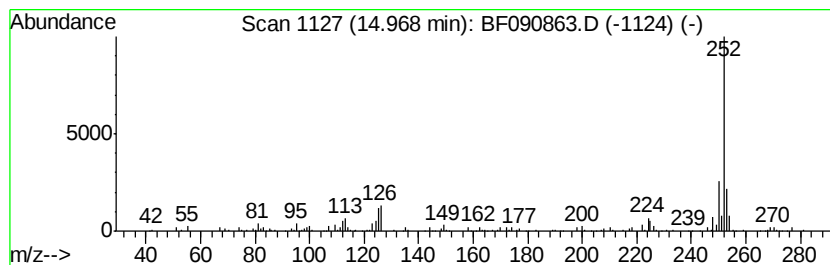
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	4.00 ng	192387	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	90
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	89
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
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Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

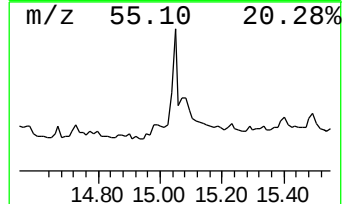
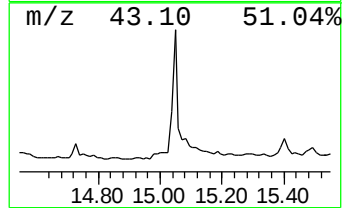
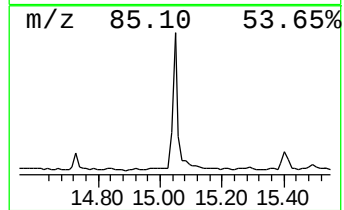
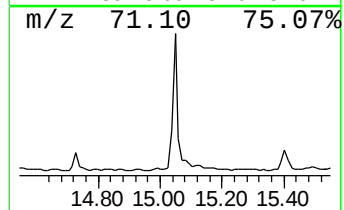
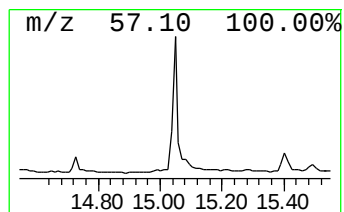
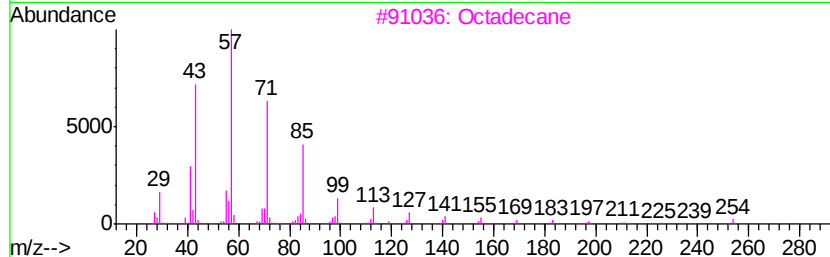
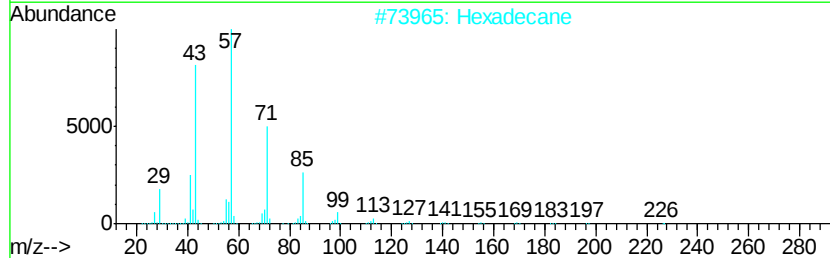
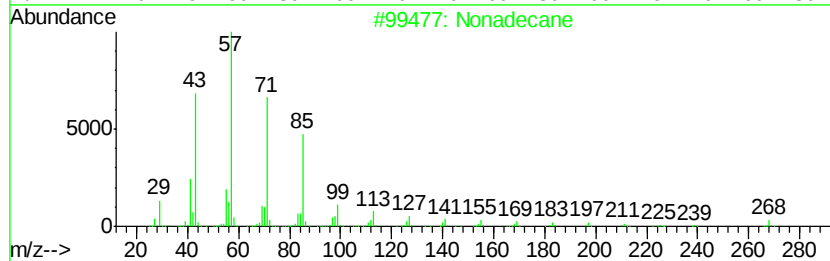
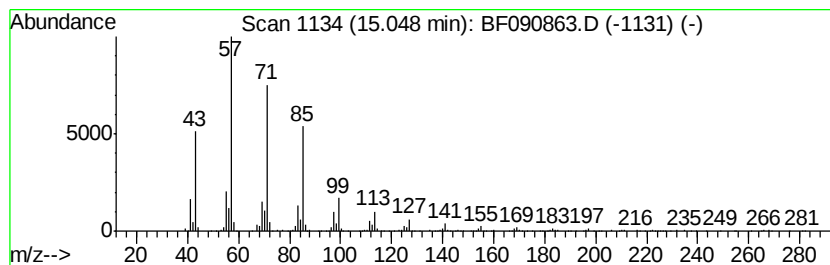
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	7.70 ng	370303	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Octadecane	254	C18H38	000593-45-3	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
P3-S2

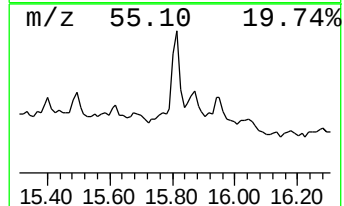
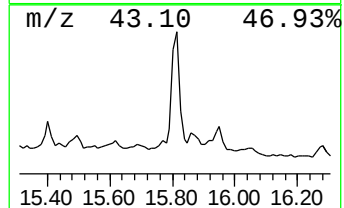
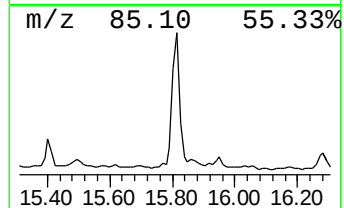
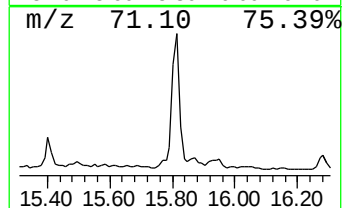
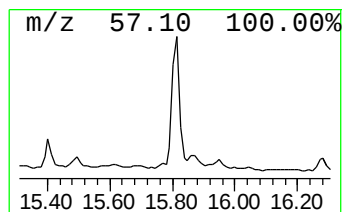
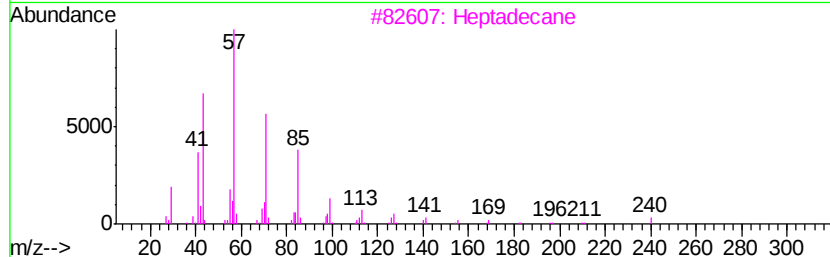
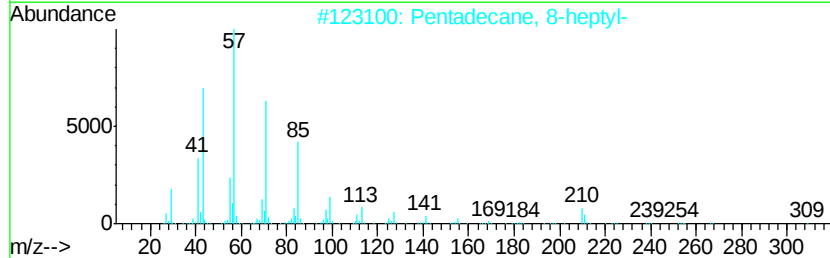
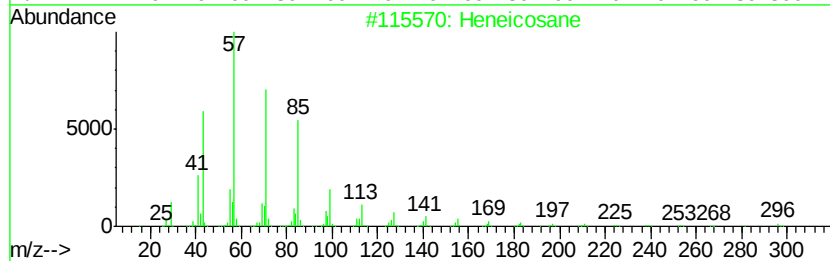
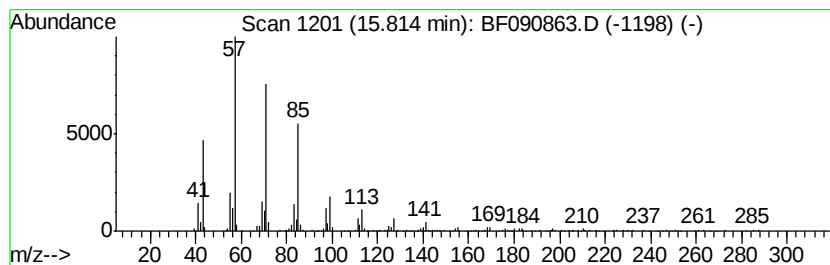
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	6.38 ng	306687	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Nonadecane	268	C19H40	000629-92-5	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
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Misc :
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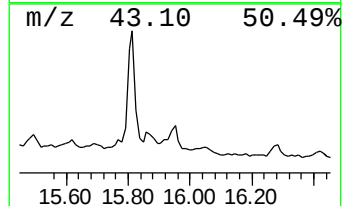
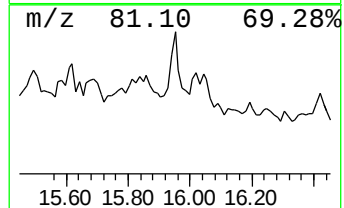
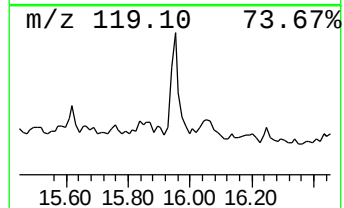
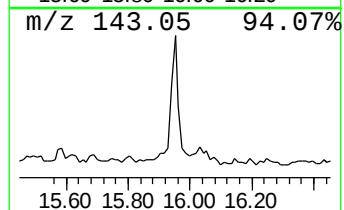
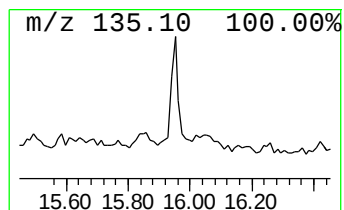
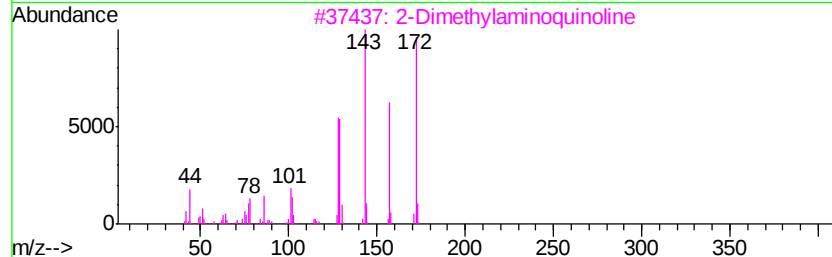
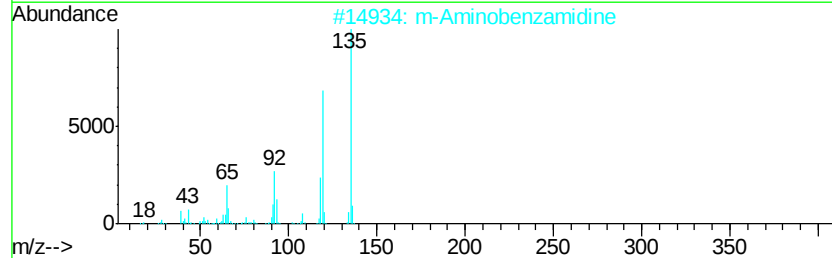
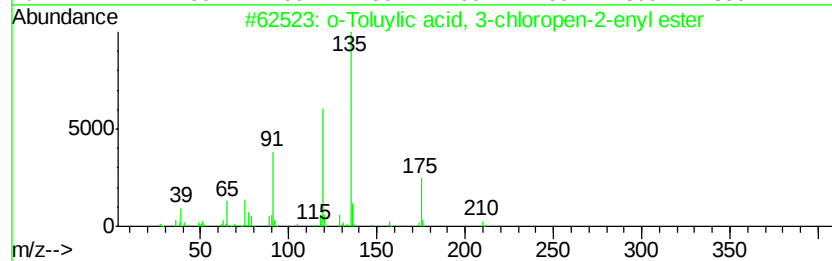
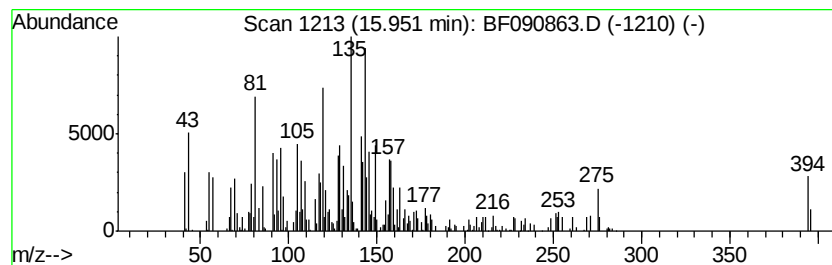
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown15.95 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.92 ng	188388	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Toluylic acid, 3-chloropen-2-e...	210	C11H11ClO2	1000292-51-8	22
2		m-Aminobenzamidine	135	C7H9N3	003459-66-3	14
3		2-Dimethylaminoquinoline	172	C11H12N2	021154-18-7	14
4		4-Fluorobenzal chloride	178	C7H5Cl2F	000456-19-9	11
5		Pyrazole-3-carboxylic acid, 5-ch...	237	C10H8ClN3O2	1000267-97-8	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

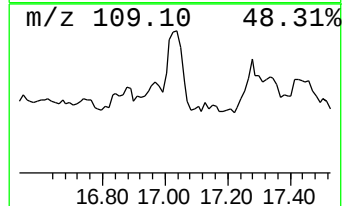
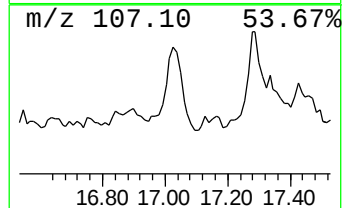
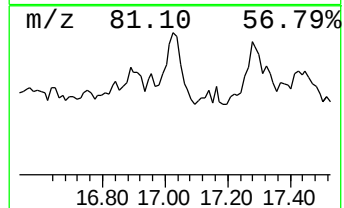
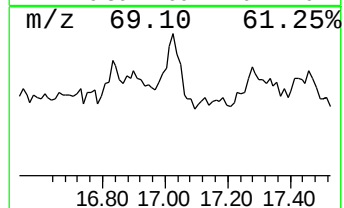
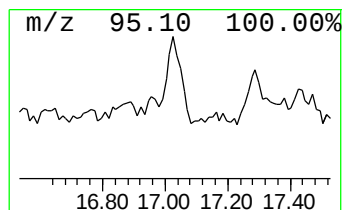
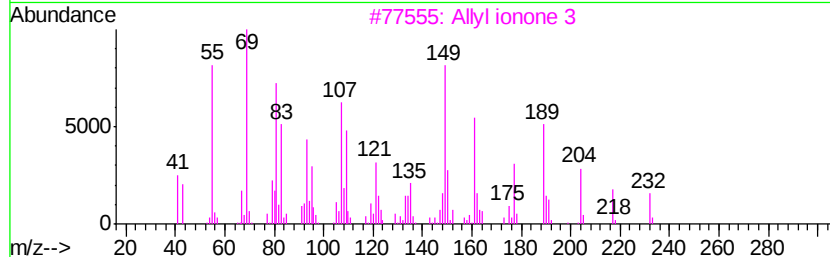
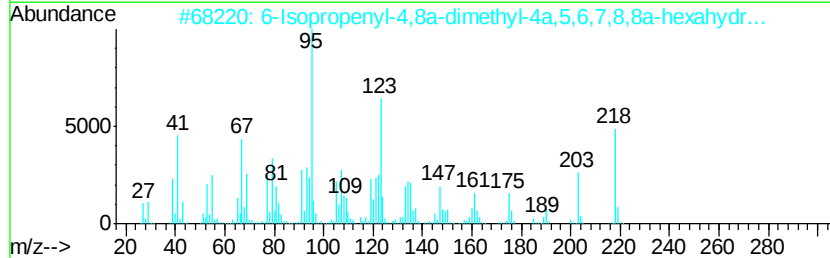
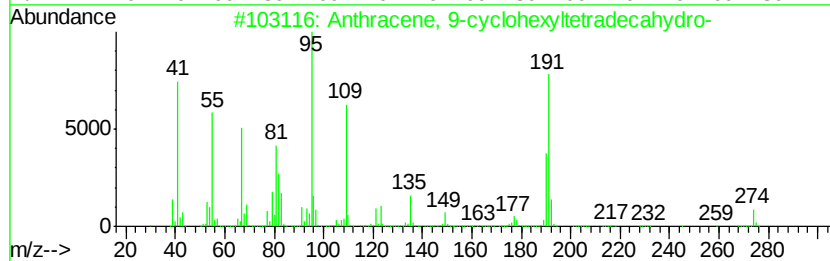
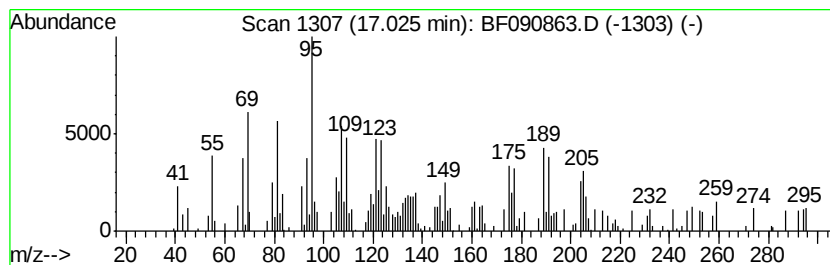
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown17.03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	5.92 ng	284460	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
2		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	35
3		Allyl ionone 3	232	C16H24O	1000284-92-9	30
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	30
5		4-Ethyl-2-hexynal	124	C8H12O	071932-97-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

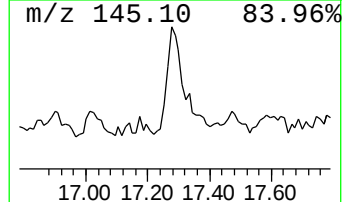
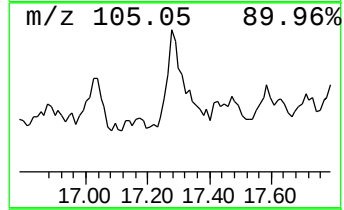
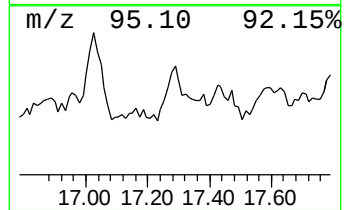
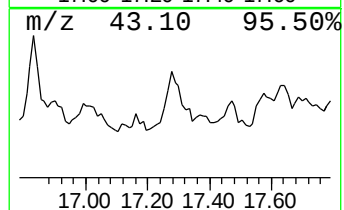
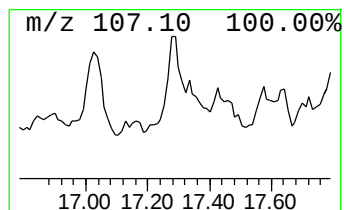
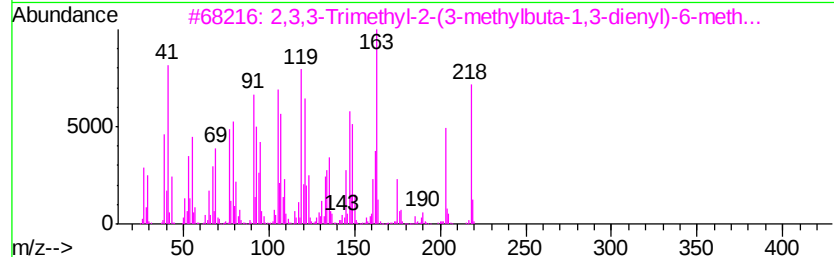
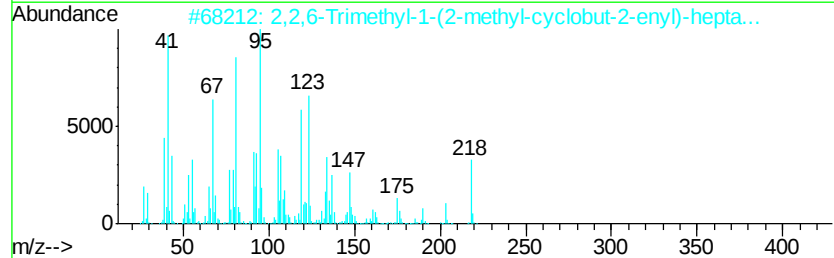
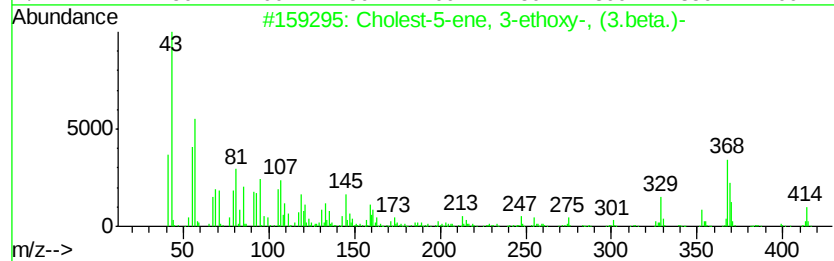
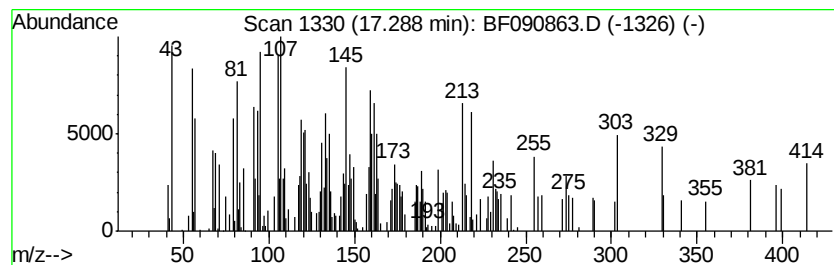
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cholest-5-ene, 3-ethoxy-, (... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	6.46 ng	310704	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholest-5-ene, 3-ethoxy-, (3.beta...	414	C29H50O	000986-19-6	53
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	45
3		2,3,3-Trimethyl-2-(3-methylbuta...	218	C15H22O	077822-57-2	42
4		4,6,6-Trimethyl-2-(3-methylbuta...	218	C15H22O	1000190-22-2	40
5		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
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Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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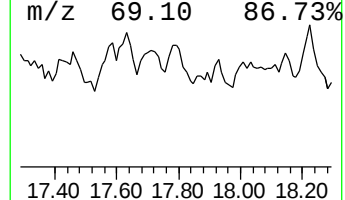
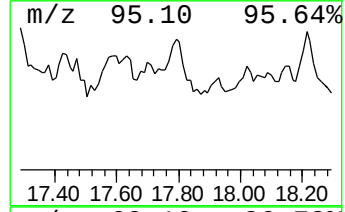
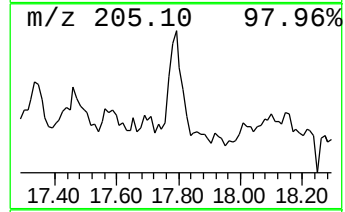
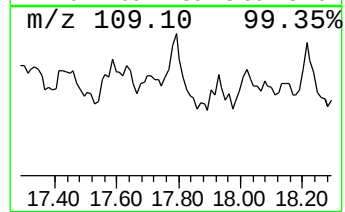
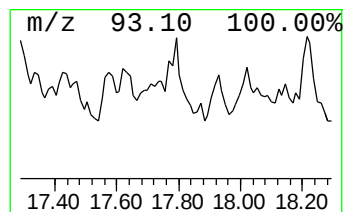
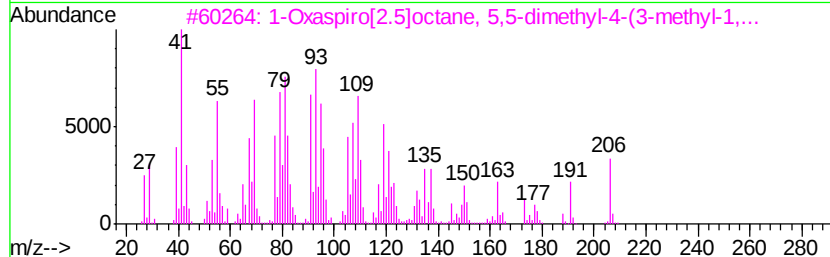
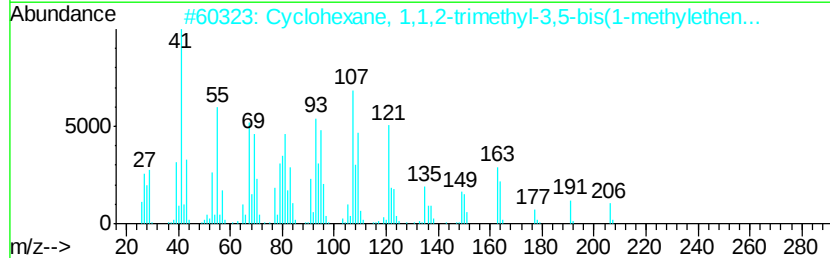
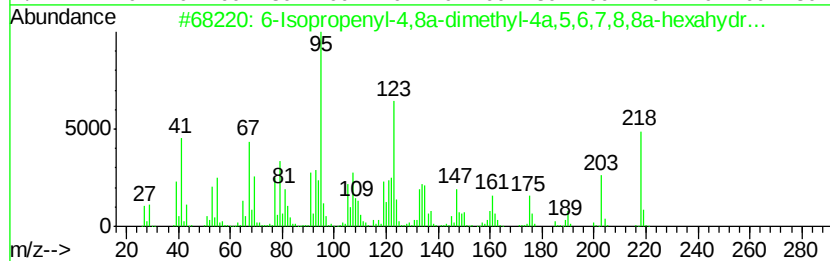
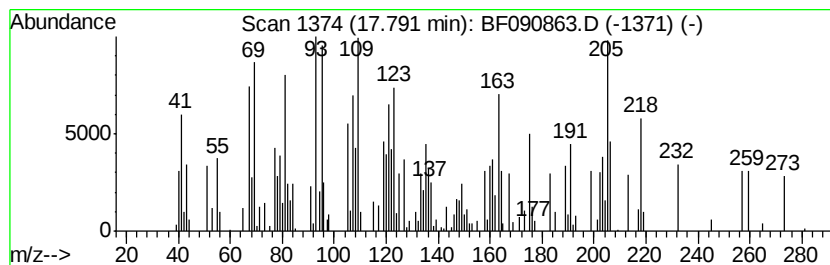
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown17.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.15 ng	151527	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	41
2		Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-96-6	38
3		1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	38
4		Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	38
5		Cyclohexane, 1,1,2-trimethyl-3,5...	206	C15H26	062337-97-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
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Misc :
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ClientSampleId :
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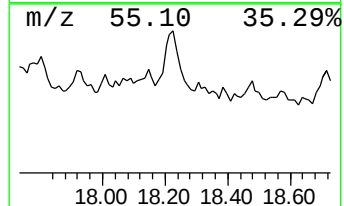
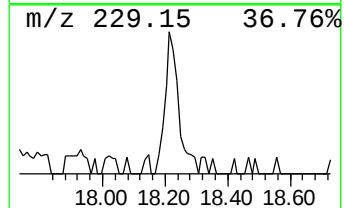
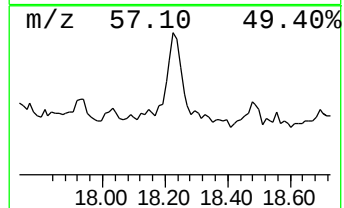
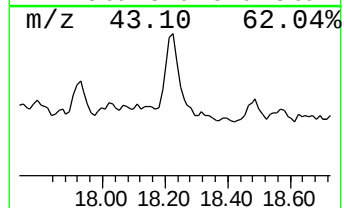
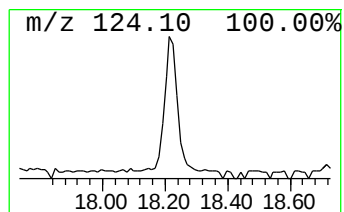
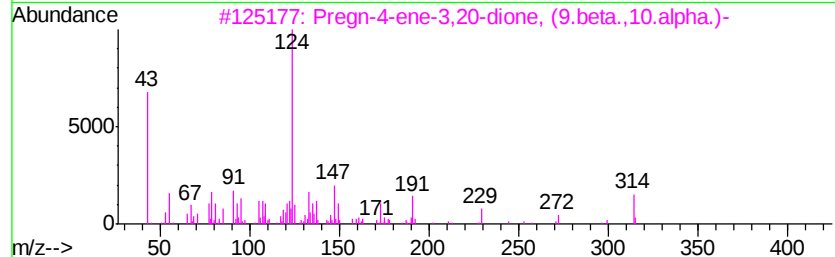
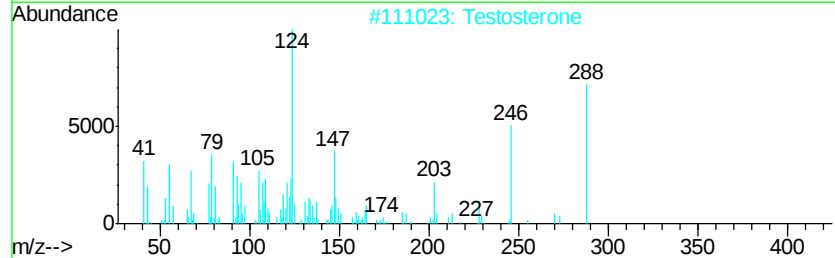
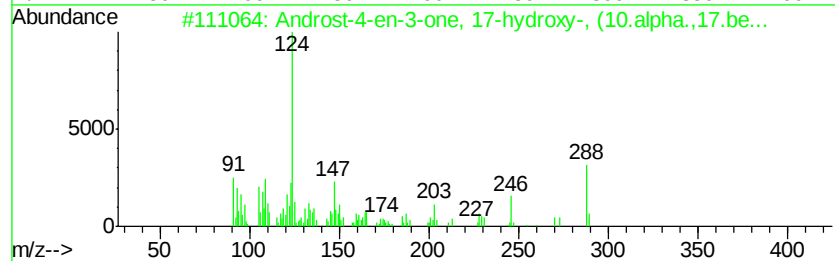
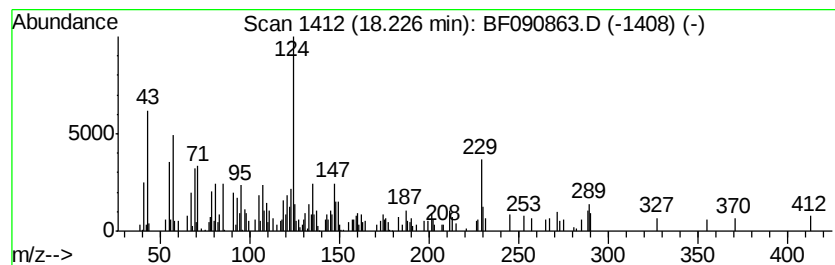
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Androst-4-en-3-one, 17-hydr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	5.74 ng	276060	Perylene-d12	15.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	91
2			Testosterone	288	C19H28O2	000058-22-0	78
3			Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	38
4			2-Methyl-4,5-pyrimidinediamine	124	C5H8N4	015579-63-2	30
5			1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
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ALS Vial : 22 Sample Multiplier: 1

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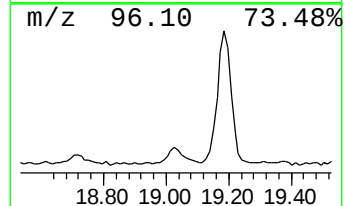
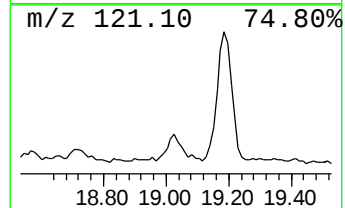
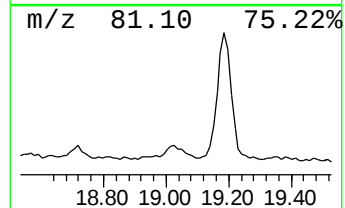
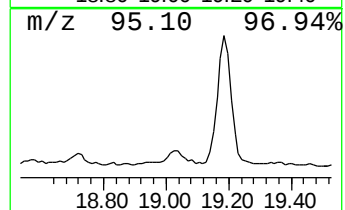
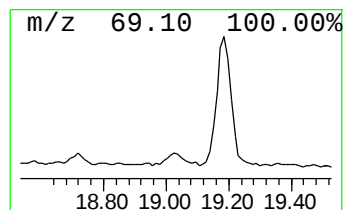
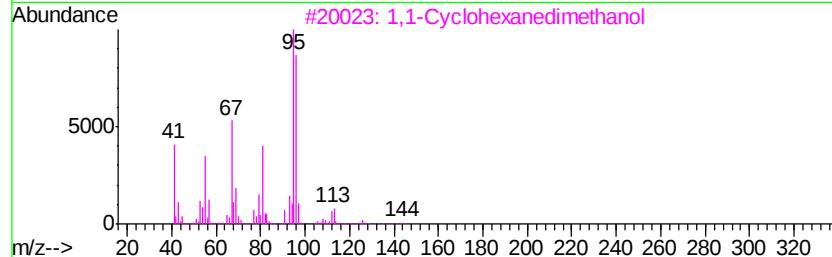
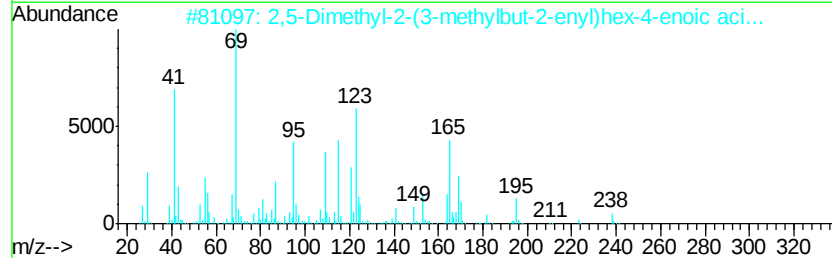
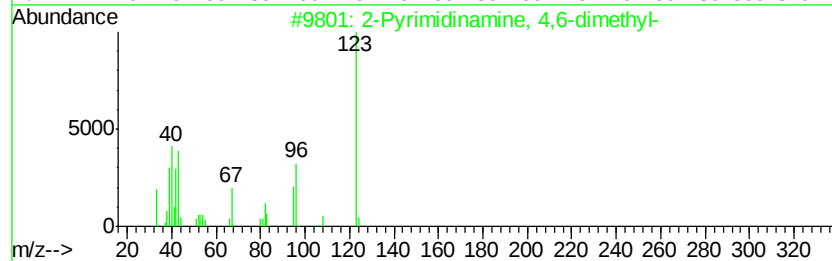
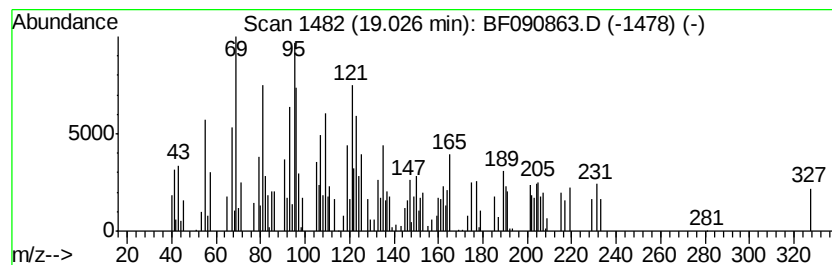
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown19.03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	3.28 ng	157924	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	18
2		2,5-Dimethyl-2-(3-methylbut-2-en...	238	C15H26O2	1000192-91-4	14
3		1,1-Cyclohexanedimethanol	144	C8H16O2	002658-60-8	14
4		2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	14
5		Benzamide, 3-ethoxy-	165	C9H11NO2	055836-69-6	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090863.D
Acq On : 27 Oct 2016 1:47
Operator : UM/SJ
Sample : H5396-06 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-S2

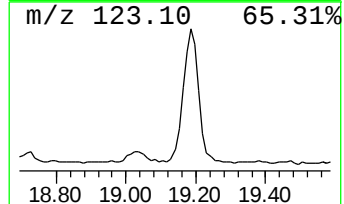
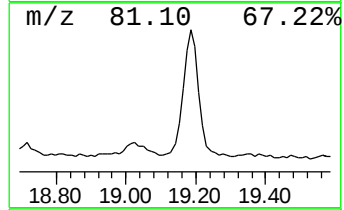
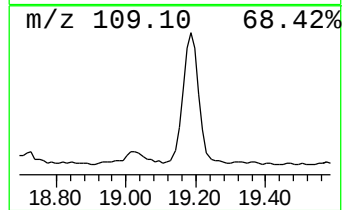
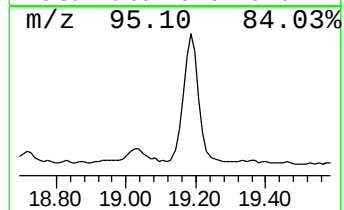
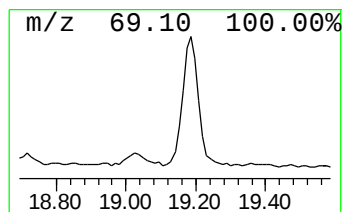
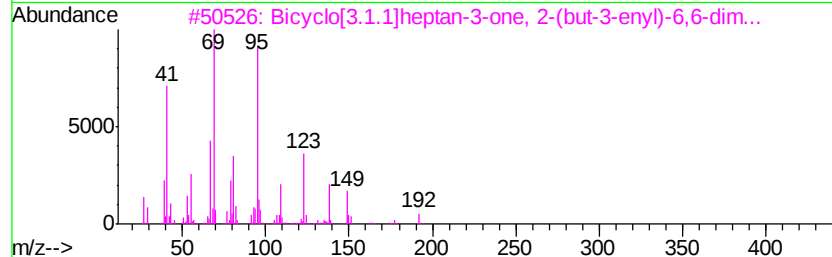
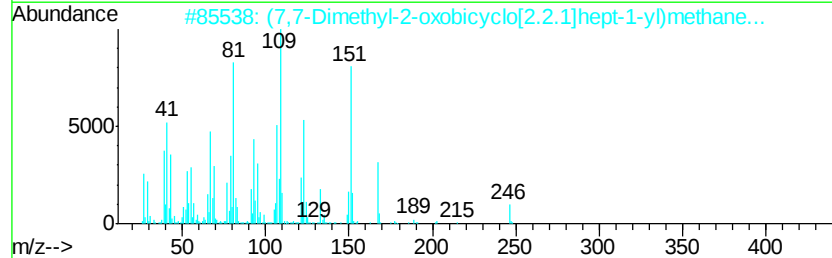
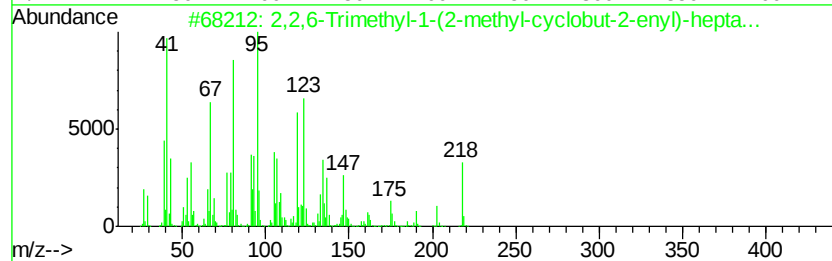
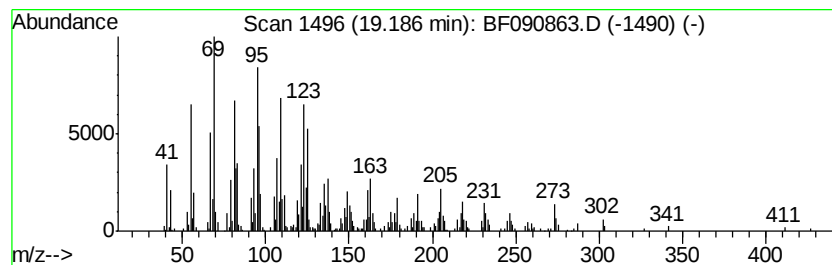
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown19.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	28.17 ng	1354480	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-enyl)-hepta...	218	C15H22O	1000188-72-8	49
2		(7,7-Dimethyl-2-oxobicyclo[2.2.1]hept-1-yl)methane...	246	C11H18O4S	1000197-55-6	46
3		Bicyclo[3.1.1]heptan-3-one, 2-(but-3-enyl)-6,6-dimethyl-	192	C13H20O	1000163-96-1	46
4		3-Cyclopentylpropionic acid, but-3-enyl-	194	C12H18O2	1000292-46-4	44
5		7-Tetradecyne	194	C14H26	035216-11-6	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102616\
 Data File : BF090863.D
 Acq On : 27 Oct 2016 1:47
 Operator : UM/SJ
 Sample : H5396-06 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	6.7 ng		307335	1	6.78	924062	20.0
1S-.alpha.-Pinene	6.05	4.4 ng		203861	1	6.78	924062	20.0
unknown6.54	6.54	34.7 ng		1603160	1	6.78	924062	20.0
n-Hexadecanoic acid	11.85	3.3 ng		207469	4	11.31	1273650	20.0
4b,8-Dimethyl-2-i...	12.26	3.5 ng		219463	4	11.31	1273650	20.0
Trichloroacetic a...	12.37	3.1 ng		200015	4	11.31	1273650	20.0
10,18-Bisnorabiet...	12.57	10.4 ng		659255	4	11.31	1273650	20.0
Dichloroacetic ac...	13.81	6.2 ng		362948	5	13.95	1164710	20.0
Cyclohexadecane	14.44	5.3 ng		308131	5	13.95	1164710	20.0
Benzo[e]pyrene	14.97	4.0 ng		192387	6	15.37	961730	20.0
Nonadecane	15.05	7.7 ng		370303	6	15.37	961730	20.0
Heneicosane	15.81	6.4 ng		306687	6	15.37	961730	20.0
unknown15.95	15.95	3.9 ng		188388	6	15.37	961730	20.0
unknown17.03	17.03	5.9 ng		284460	6	15.37	961730	20.0
Cholest-5-ene, 3-...	17.29	6.5 ng		310704	6	15.37	961730	20.0
unknown17.79	17.79	3.1 ng		151527	6	15.37	961730	20.0
Androst-4-en-3-on...	18.23	5.7 ng		276060	6	15.37	961730	20.0
unknown19.03	19.03	3.3 ng		157924	6	15.37	961730	20.0
unknown19.19	19.19	28.2 ng		1354480	6	15.37	961730	20.0