

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085006.D
 Acq On : 10 Feb 2016 21:23
 Operator : SJ/IZ
 Sample : H1396-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(27-29)

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-BF020116.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	1.633	3	4	6	rBV	87951	104890	1.96%	0.119%
2	1.667	6	7	12	rVB	109271	152749	2.85%	0.173%
3	1.747	12	14	41	rVB	1515821	2625705	48.98%	2.979%
4	4.753	275	277	283	rVB	629235	876188	16.35%	0.994%
5	5.210	314	317	319	rBV	3378884	3344517	62.39%	3.794%
6	6.170	399	401	403	rVB	89535	115436	2.15%	0.131%
7	6.284	408	411	414	rBV	3211921	3460958	64.57%	3.926%
8	6.399	418	421	423	rVB	3275383	3804580	70.98%	4.316%
9	6.627	438	441	443	rBV	675916	905966	16.90%	1.028%
10	6.776	452	454	457	rVB	2613147	2551673	47.60%	2.895%
11	7.199	488	491	493	rBV	2619544	2692193	50.22%	3.054%
12	7.667	530	532	541	rVB2	68308	114877	2.14%	0.130%
13	7.907	551	553	556	rVB	1157654	1164386	21.72%	1.321%
14	8.639	615	617	621	rVB	97063	87743	1.64%	0.100%
15	8.890	638	639	642	rVV	282678	249524	4.65%	0.283%
16	8.993	645	648	650	rBV	4652883	4129965	77.05%	4.685%
17	9.142	657	661	663	rBV2	201111	293185	5.47%	0.333%
18	9.393	681	683	685	rBV	868330	753756	14.06%	0.855%
19	9.611	698	702	704	rBV2	199219	226892	4.23%	0.257%
20	9.656	704	706	709	rVV	1010496	1241970	23.17%	1.409%
21	10.113	742	746	747	rBV2	145995	220022	4.10%	0.250%
22	10.331	761	765	766	rBV	64198	104198	1.94%	0.118%
23	10.445	773	775	778	rVB2	2041930	2409727	44.95%	2.734%
24	10.582	784	787	793	rVB3	191021	363254	6.78%	0.412%
25	10.708	796	798	799	rVV	63100	70753	1.32%	0.080%
26	10.776	799	804	806	rVV4	33012	83691	1.56%	0.095%
27	10.811	806	807	810	rVB2	123988	126761	2.36%	0.144%
28	11.028	824	826	827	rBV2	86844	87528	1.63%	0.099%
29	11.142	833	836	838	rBV	942685	1124456	20.98%	1.276%
30	11.188	838	840	841	rVV2	116902	84701	1.58%	0.096%
31	11.371	854	856	860	rBV2	72325	110962	2.07%	0.126%
32	11.451	861	863	865	rBV	152249	141065	2.63%	0.160%
33	11.691	882	884	885	rBV	69967	69974	1.31%	0.079%
34	11.862	893	899	903	rBV4	43725	126619	2.36%	0.144%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.079	916	918	920	rBV	105178	103063	1.92%	0.117%
36	12.194	925	928	931	rVV3	41112	107404	2.00%	0.122%
37	12.239	931	932	934	rVV	157620	199730	3.73%	0.227%
38	12.274	934	935	939	rVB	84411	112642	2.10%	0.128%
39	12.354	939	942	947	rBV3	33286	92560	1.73%	0.105%
40	12.514	952	956	958	rBV2	26280	63275	1.18%	0.072%
41	12.617	963	965	967	rVB	91699	80731	1.51%	0.092%
42	12.719	972	974	977	rBV	1925560	2475420	46.18%	2.808%
43	12.788	977	980	982	rVB	158497	132765	2.48%	0.151%
44	12.948	992	994	995	rVV	175741	227531	4.24%	0.258%
45	12.971	995	996	998	rVB	480672	372575	6.95%	0.423%
46	13.085	1003	1006	1009	rBV2	35466	77811	1.45%	0.088%
47	13.199	1013	1016	1018	rBV2	75854	164641	3.07%	0.187%
48	13.245	1018	1020	1022	rVB	76925	72949	1.36%	0.083%
49	13.302	1022	1025	1027	rBV2	281068	453918	8.47%	0.515%
50	13.359	1027	1030	1033	rVV3	382252	457694	8.54%	0.519%
51	13.428	1033	1036	1039	rVB	883625	852456	15.90%	0.967%
52	13.497	1039	1042	1043	rBV	789228	720886	13.45%	0.818%
53	13.519	1043	1044	1046	rVB2	226877	236670	4.42%	0.268%
54	13.588	1048	1050	1052	rVV	713510	947376	17.67%	1.075%
55	13.634	1052	1054	1057	rVV	2959662	3457453	64.50%	3.922%
56	13.691	1057	1059	1061	rVV	1359509	1372189	25.60%	1.557%
57	13.771	1061	1066	1068	rVB	782504	1238861	23.11%	1.405%
58	13.920	1073	1079	1081	rBV	595391	1282146	23.92%	1.455%
59	13.954	1081	1082	1083	rVV	362966	365831	6.82%	0.415%
60	13.988	1083	1085	1088	rVV2	201629	366614	6.84%	0.416%
61	14.080	1091	1093	1095	rVB	532296	473107	8.83%	0.537%
62	14.262	1107	1109	1112	rBV	2513244	3799749	70.89%	4.311%
63	14.320	1112	1114	1116	rVV	1260490	1172447	21.87%	1.330%
64	14.388	1118	1120	1121	rBV	71603	93721	1.75%	0.106%
65	14.480	1127	1128	1130	rVB	49481	67386	1.26%	0.076%
66	14.548	1130	1134	1139	rBV5	319190	980707	18.30%	1.113%
67	14.628	1139	1141	1144	rVB2	307031	503444	9.39%	0.571%
68	14.685	1144	1146	1148	rVB	687618	689797	12.87%	0.783%
69	14.777	1151	1154	1155	rBV2	55030	103714	1.93%	0.118%
70	14.880	1158	1163	1165	rBV2	2351997	5360357	100.00%	6.081%
71	14.925	1165	1167	1168	rVB	219408	294738	5.50%	0.334%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	15.131	1183	1185	1188	rBV	556199	650820	12.14%	0.738%
73	15.211	1190	1192	1195	rVB2	105958	154544	2.88%	0.175%
74	15.291	1197	1199	1202	rBV	133310	185604	3.46%	0.211%
75	15.348	1202	1204	1208	rBV3	488858	684756	12.77%	0.777%
76	15.451	1210	1213	1218	rVV	523083	831060	15.50%	0.943%
77	15.554	1218	1222	1223	rVV	585041	947477	17.68%	1.075%
78	15.600	1223	1226	1229	rVV	1235892	2382254	44.44%	2.703%
79	15.657	1229	1231	1234	rVV	257259	514458	9.60%	0.584%
80	15.771	1237	1241	1245	rVV2	603869	1187194	22.15%	1.347%
81	15.863	1245	1249	1254	rVB4	349877	861696	16.08%	0.978%
82	16.011	1260	1262	1263	rBV	62278	88602	1.65%	0.101%
83	16.137	1270	1273	1274	rBV2	57663	98825	1.84%	0.112%
84	16.217	1278	1280	1284	rVB	146409	275113	5.13%	0.312%
85	16.411	1294	1297	1300	rBV3	143675	346467	6.46%	0.393%
86	16.468	1300	1302	1305	rVB	107851	199337	3.72%	0.226%
87	16.548	1306	1309	1313	rBV	304688	735199	13.72%	0.834%
88	16.628	1313	1316	1319	rVB	188086	391650	7.31%	0.444%
89	16.880	1334	1338	1339	rBV	395795	844535	15.76%	0.958%
90	16.937	1339	1343	1347	rVV2	1089606	2821586	52.64%	3.201%
91	17.006	1347	1349	1351	rVB	106239	202253	3.77%	0.229%
92	17.143	1357	1361	1365	rBV	799179	2023830	37.76%	2.296%
93	17.257	1369	1371	1374	rVV2	203336	454886	8.49%	0.516%
94	17.348	1374	1379	1387	rVB2	1741669	4257301	79.42%	4.830%
95	17.463	1387	1389	1391	rBV2	53661	111929	2.09%	0.127%
96	17.543	1391	1396	1401	rVV3	402233	1400530	26.13%	1.589%
97	17.634	1401	1404	1408	rVV	178437	418199	7.80%	0.474%
98	17.726	1408	1412	1418	rVB3	349307	1000926	18.67%	1.135%
99	17.977	1430	1434	1442	rVB	99169	361973	6.75%	0.411%
100	18.537	1480	1483	1485	rBV4	51780	120333	2.24%	0.137%

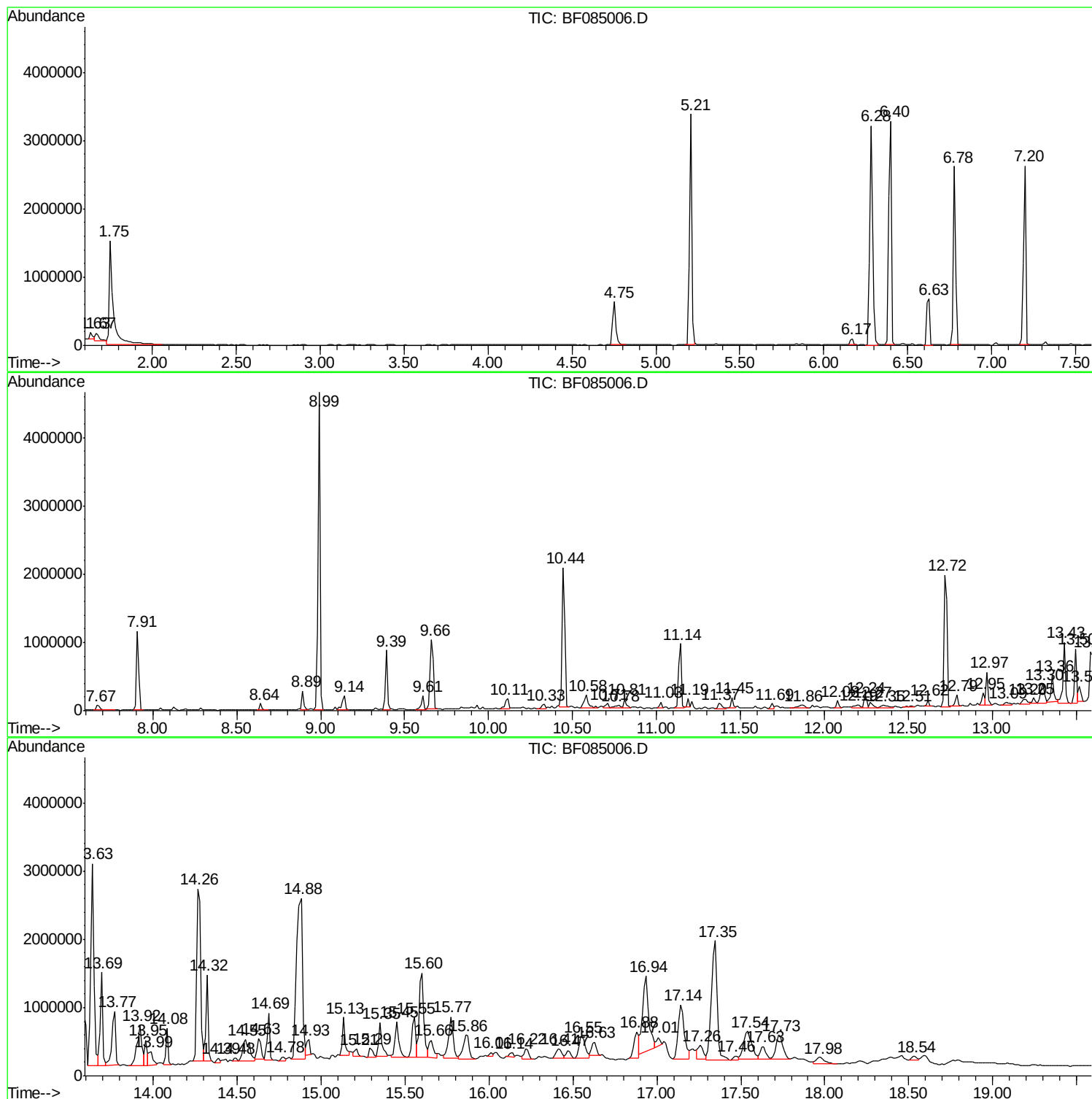
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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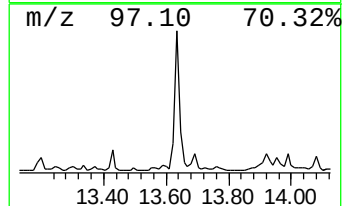
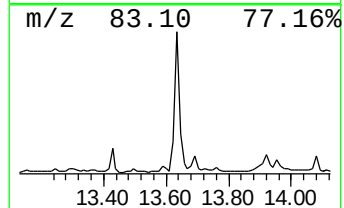
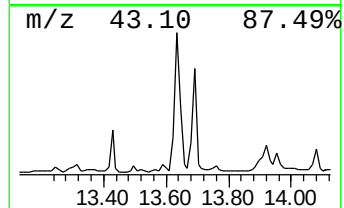
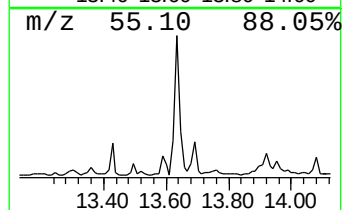
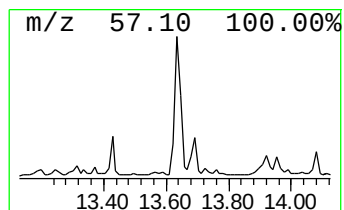
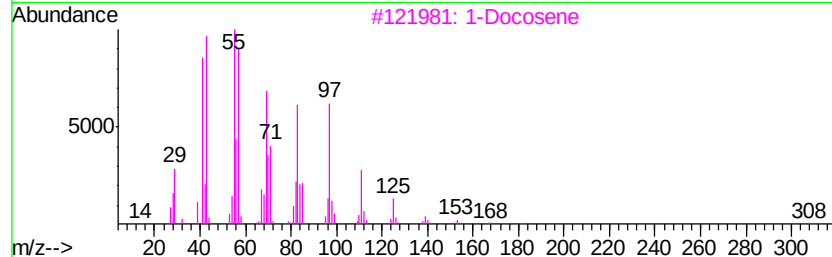
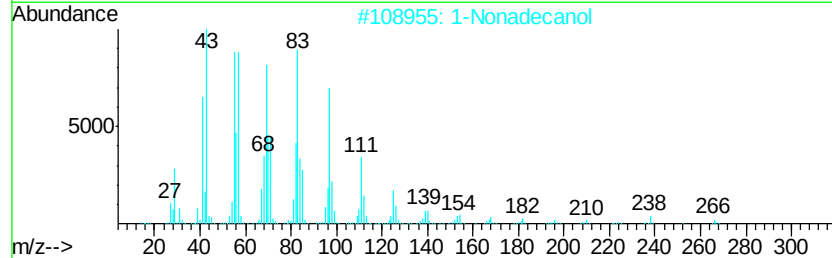
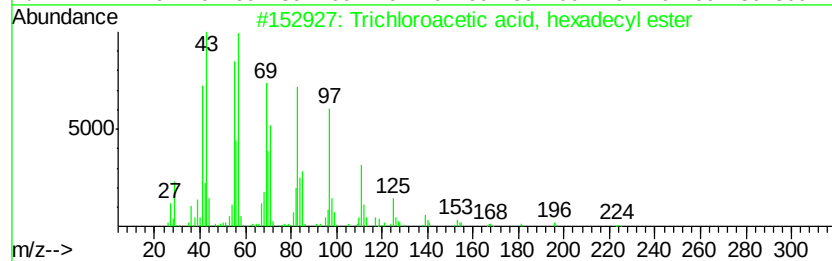
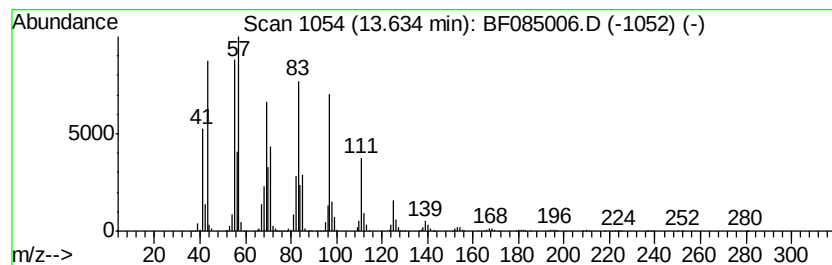
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	55.82 ng	3457450	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Nonadecanol	284	C19H40O	001454-84-8	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		11-Tricosene	322	C23H46	052078-56-5	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



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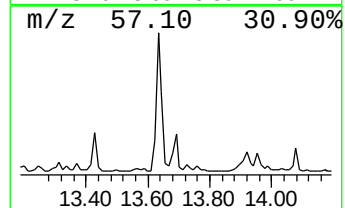
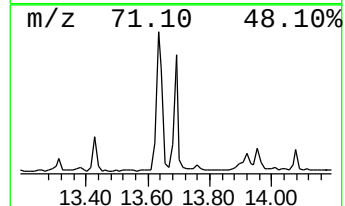
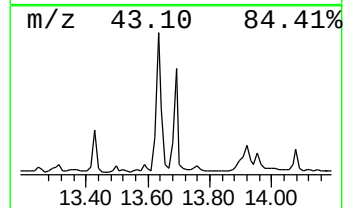
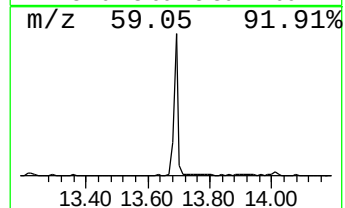
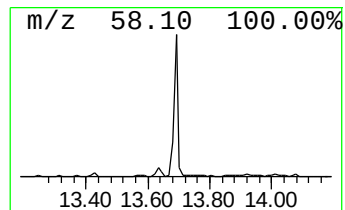
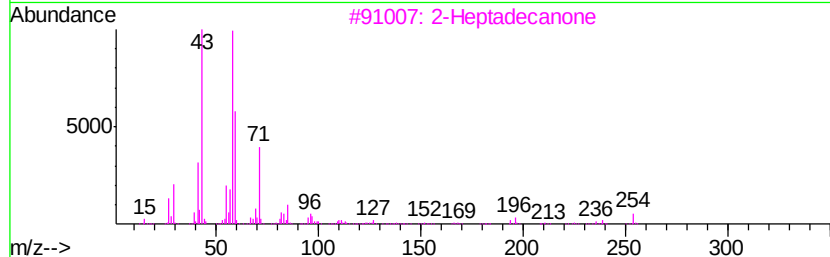
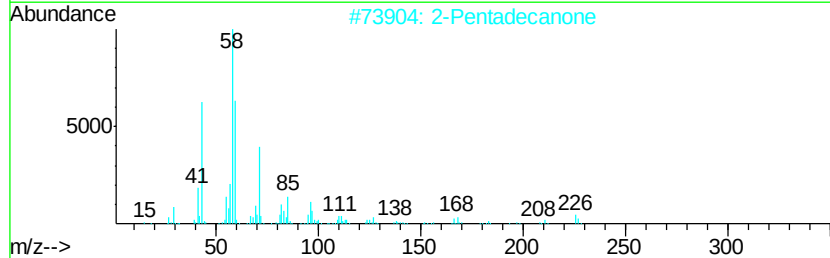
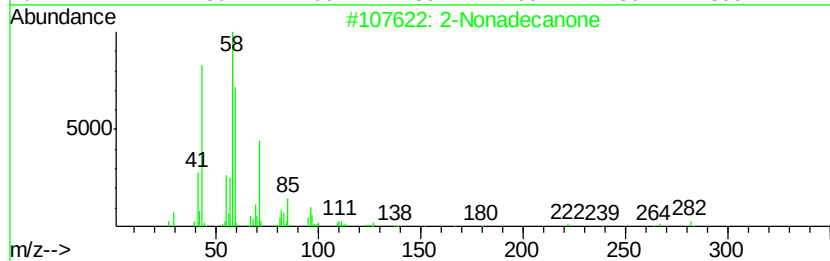
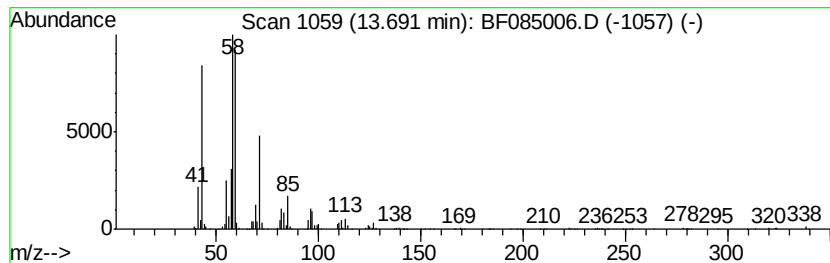
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Nonadecanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	22.15 ng	1372190	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	74
2		2-Pentadecanone	226	C15H30O	002345-28-0	64
3		2-Heptadecanone	254	C17H34O	002922-51-2	64
4		2-Tridecanone	198	C13H26O	000593-08-8	64
5		Undecanal, 2-methyl-	184	C12H24O	000110-41-8	47



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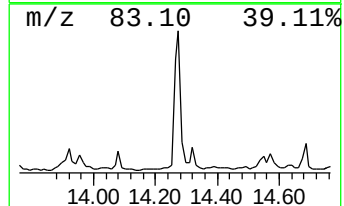
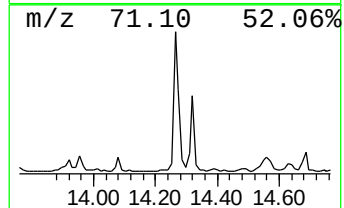
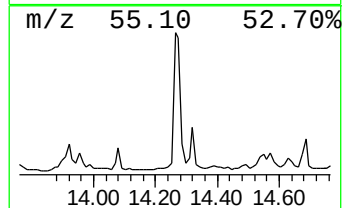
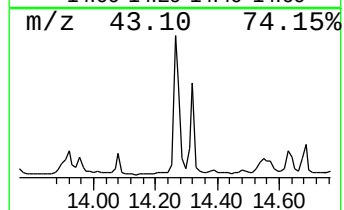
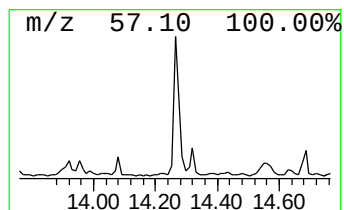
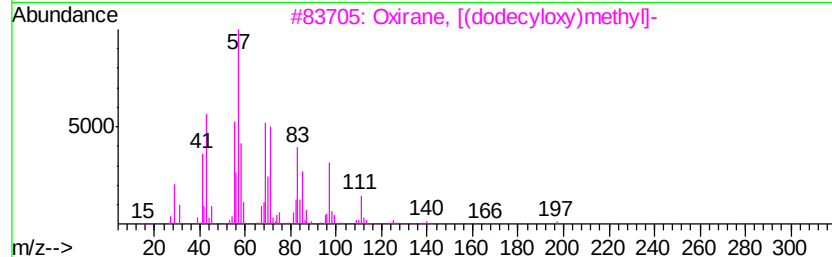
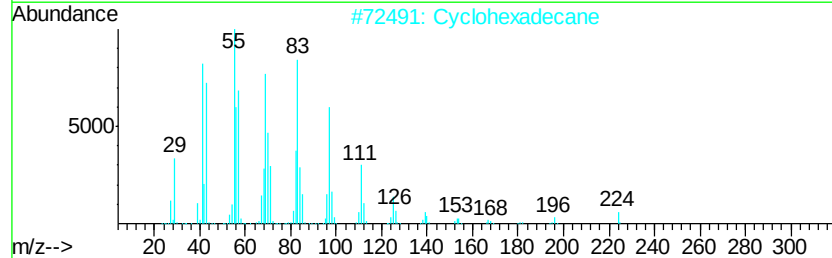
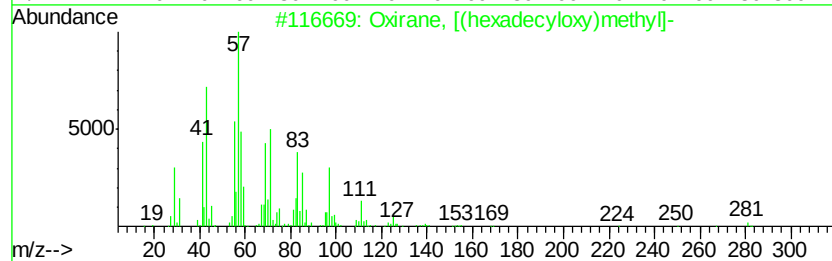
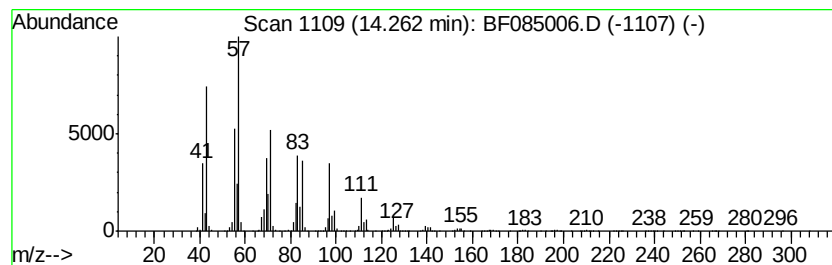
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Oxirane, [(hexadecyloxy)met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	61.34 ng	3799750	Chrysene-d12	13.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	87
2		Cyclohexadecane	224	C16H32	000295-65-8	83
3		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	80
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	74
5		1-Docosene	308	C22H44	001599-67-3	70



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Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

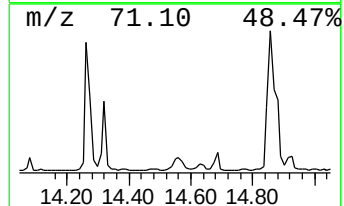
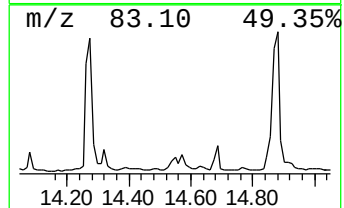
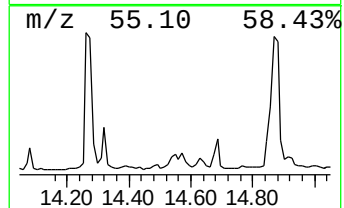
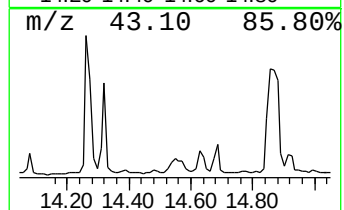
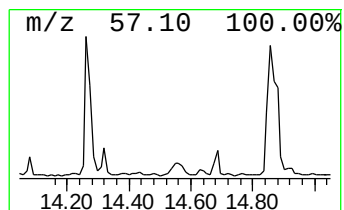
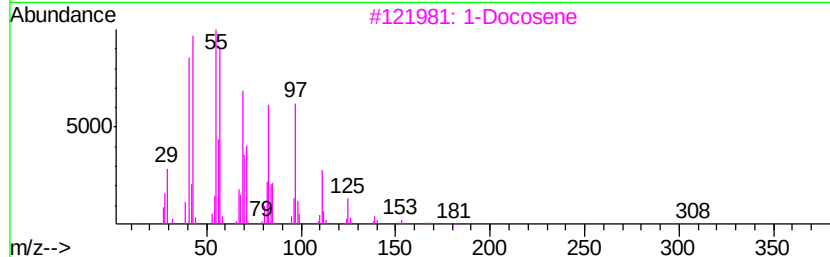
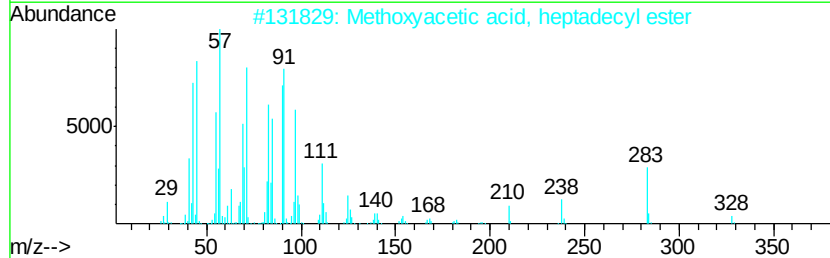
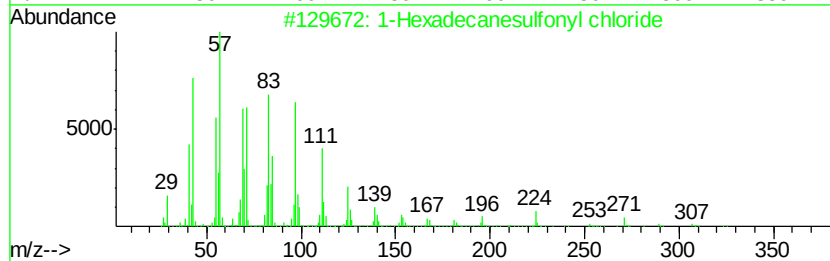
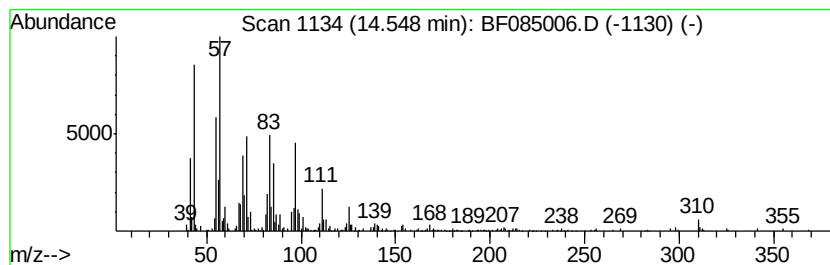
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ClientSampleId :
S4-B002(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Hexadecanesulfonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.55	30.14 ng	980707	Perylene-d12	15.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3		1-Docosene	308	C22H44	001599-67-3	74
4		10-Heneicosene (c,t)	294	C21H42	095008-11-0	62
5		17-Pentatriacontene	491	C35H70	006971-40-0	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B002(27-29)

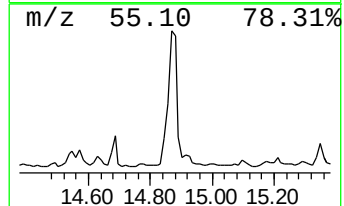
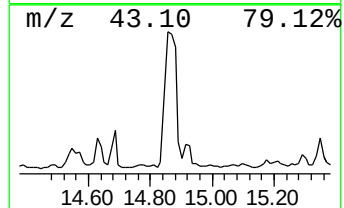
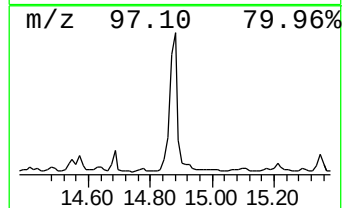
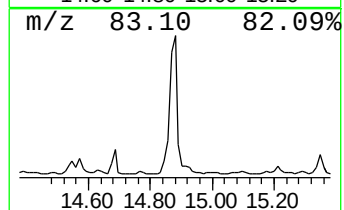
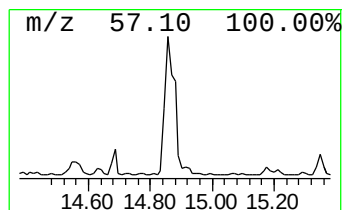
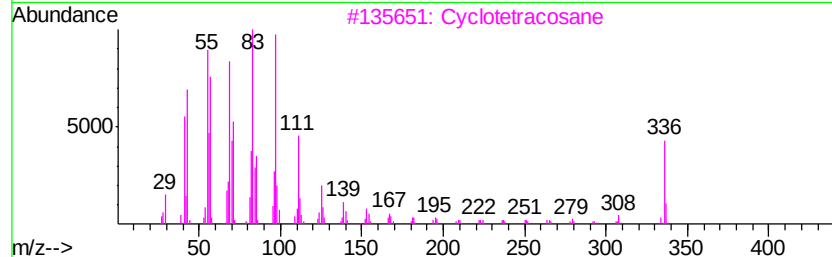
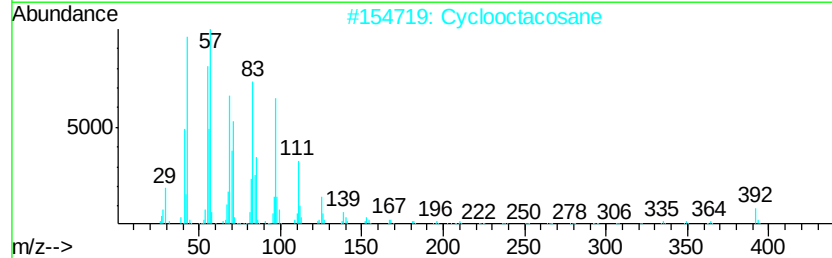
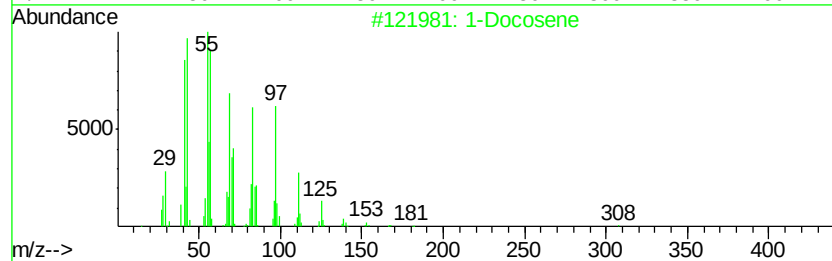
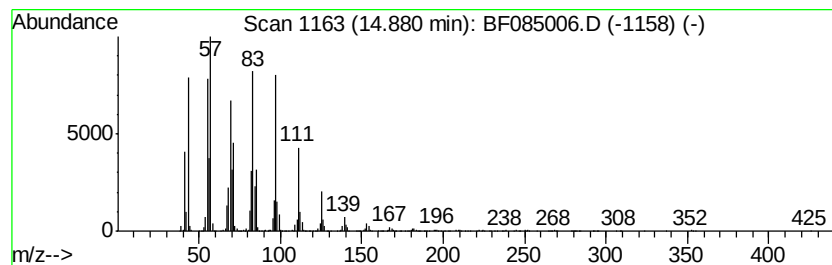
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	164.73 ng	5360360	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		Cyclooctacosane	392	C28H56	000297-24-5	91
3		Cyclotetracosane	336	C24H48	000297-03-0	90
4		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5		10-Heneicosene (c,t)	294	C21H42	095008-11-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

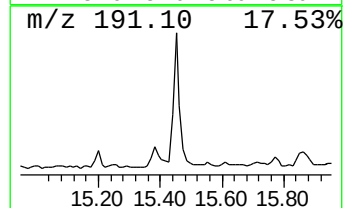
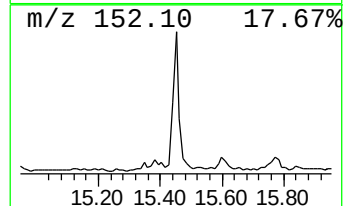
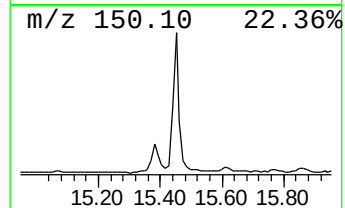
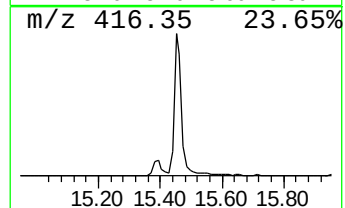
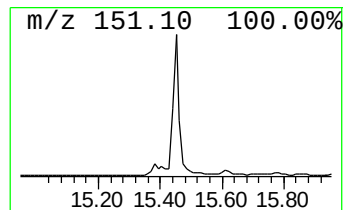
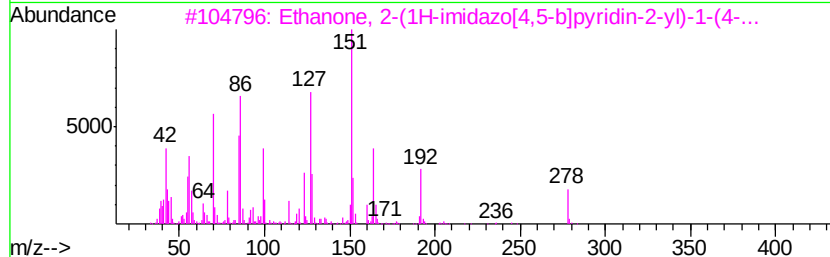
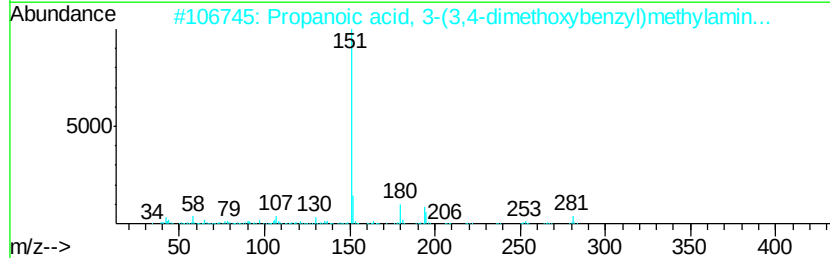
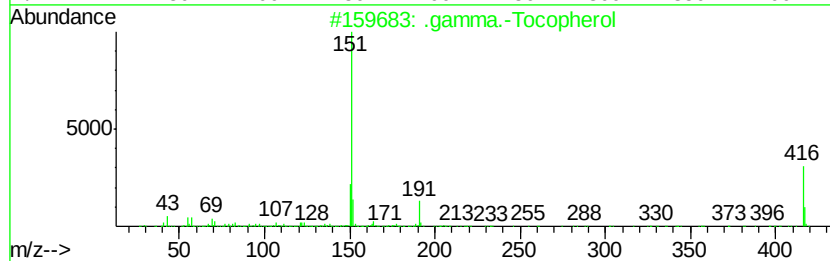
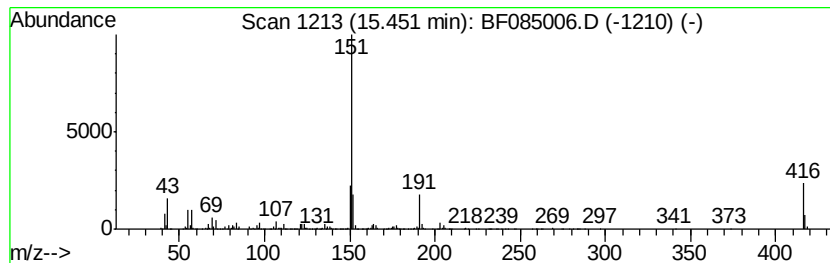
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .gamma.-Tocopherol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	25.54 ng	831060	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Tocopherol	416 C28H48O2	007616-22-0 96
2		Propanoic acid, 3-(3,4-dimethoxy...	281 C15H23NO4	300803-83-2 38
3		Ethanone, 2-(1H-imidazo[4,5-b]py...	278 C12H14N4O2S	1000272-55-7 37
4		3,4-Dihydro-3,5,8-trimethyl-3-(4...	458 C30H50O3	1000105-71-9 35
5		Ethanone, 1-(2-hydroxy-4-methoxy...	166 C9H10O3	000552-41-0 32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

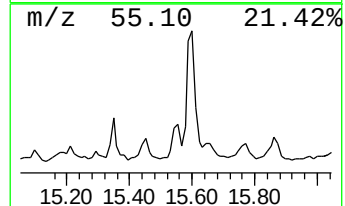
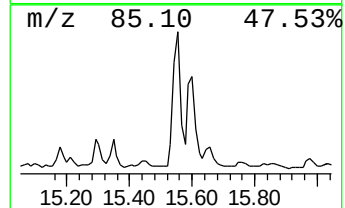
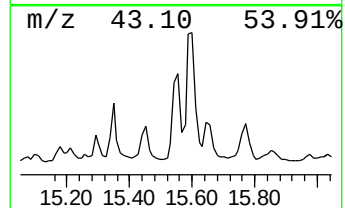
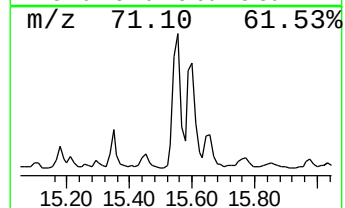
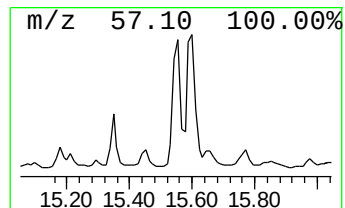
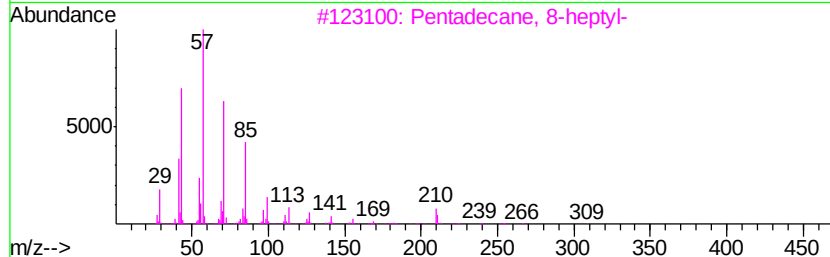
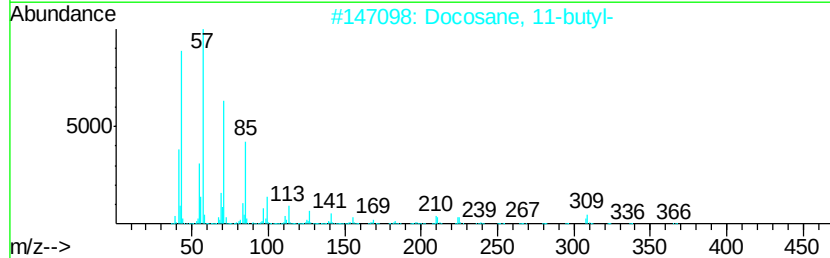
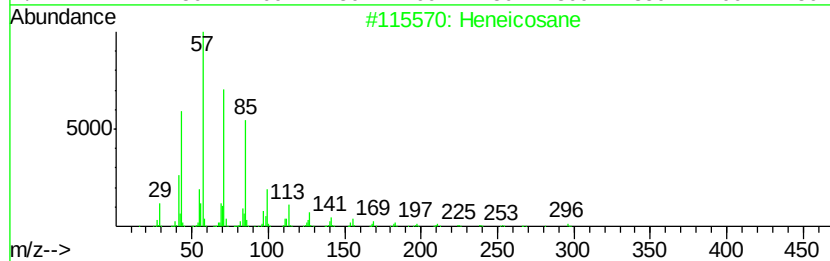
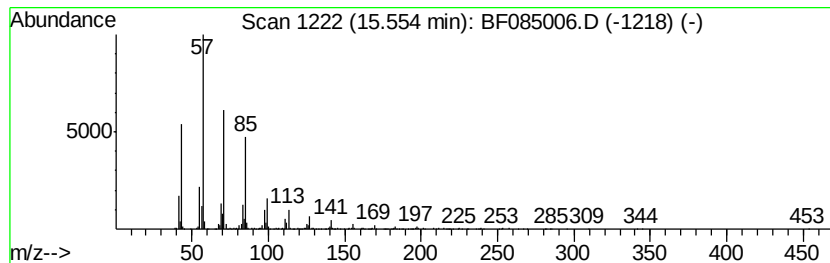
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	29.12 ng	947477	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Docosane, 11-butyl-	366 C26H54	013475-76-8	91
3	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	91
4	Eicosane	282 C20H42	000112-95-8	90
5	Tetracosane	338 C24H50	000646-31-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B002(27-29)

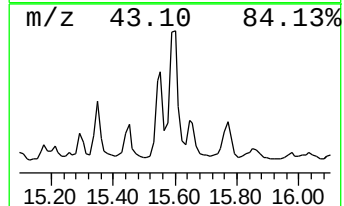
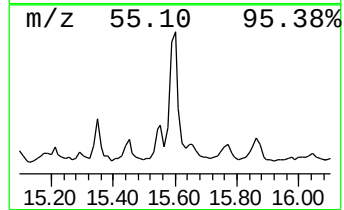
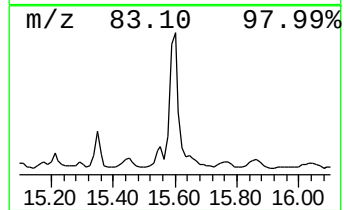
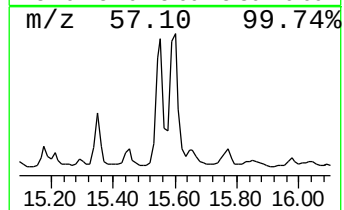
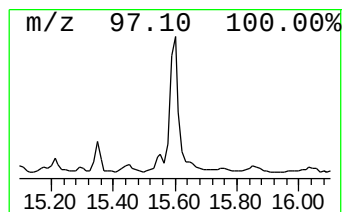
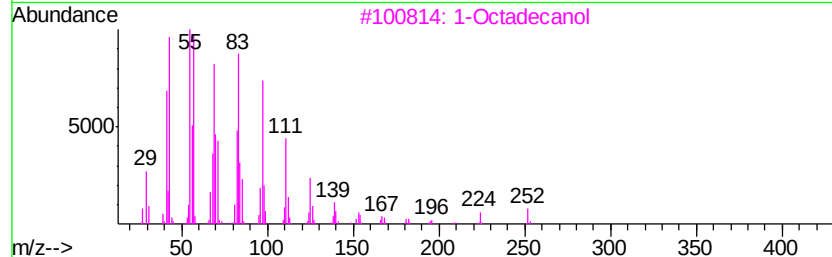
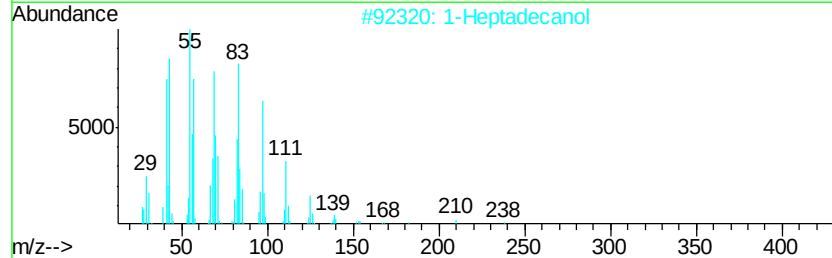
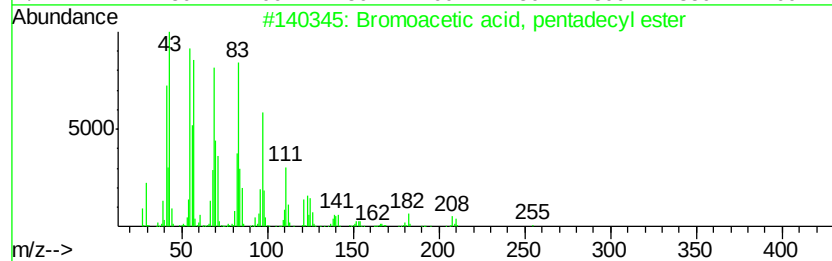
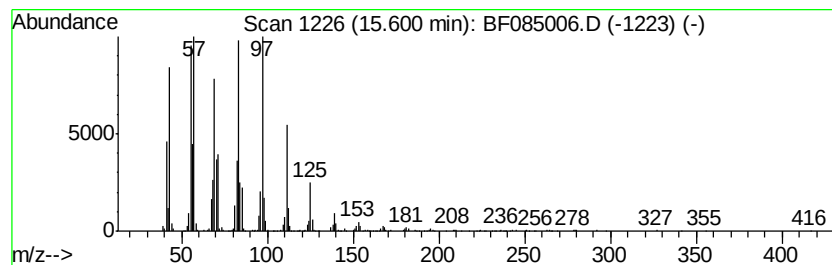
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bromoacetic acid, pentadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	73.21 ng	2382250	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87
2		1-Heptadecanol	256	C17H36O	001454-85-9	83
3		1-Octadecanol	270	C18H38O	000112-92-5	70
4		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	68
5		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
S4-B002(27-29)

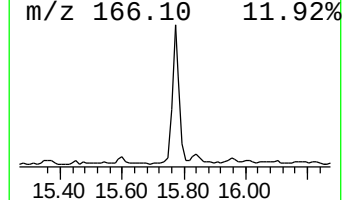
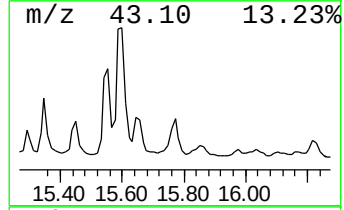
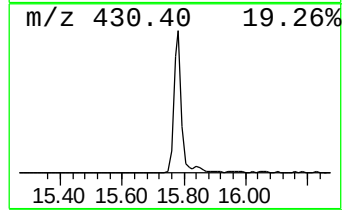
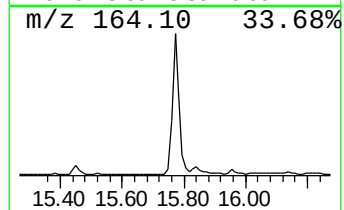
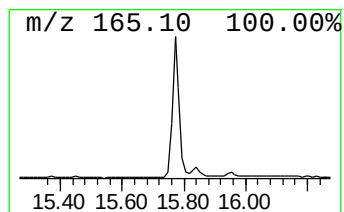
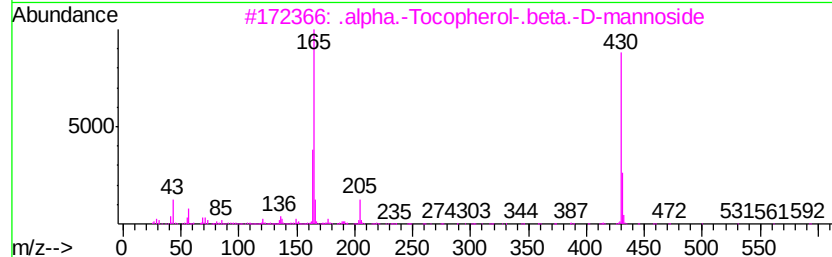
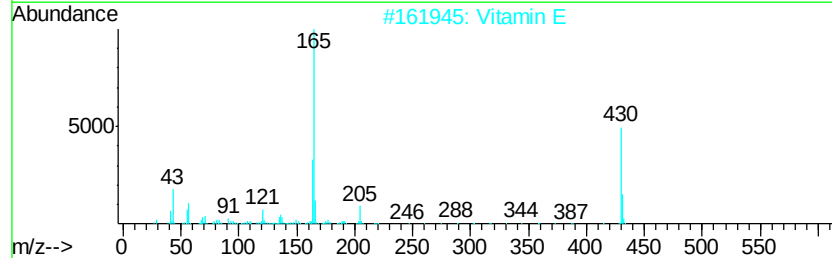
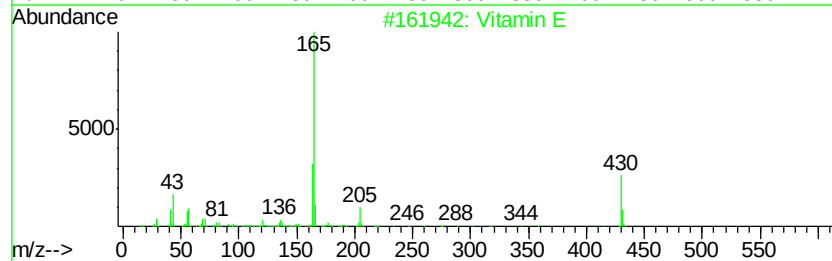
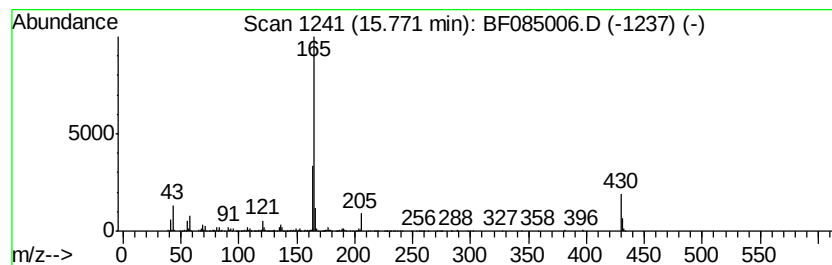
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Vitamin E Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	36.48 ng	1187190	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	010191-41-0	98
2		Vitamin E	430	C29H50O2	000059-02-9	94
3		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	83
4		4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	53
5		Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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Acq On : 10 Feb 2016 21:23
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Sample : H1396-03
Misc :
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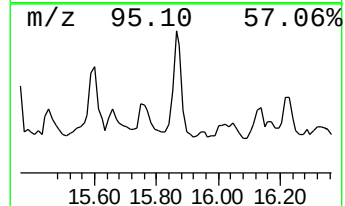
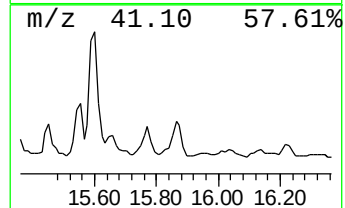
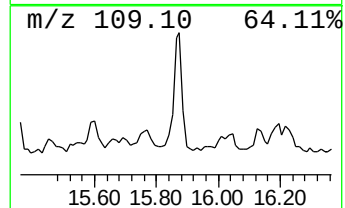
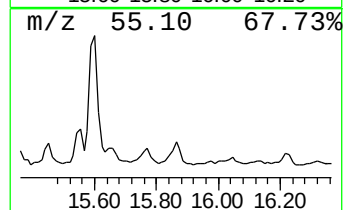
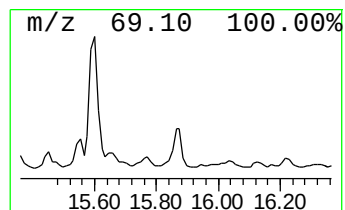
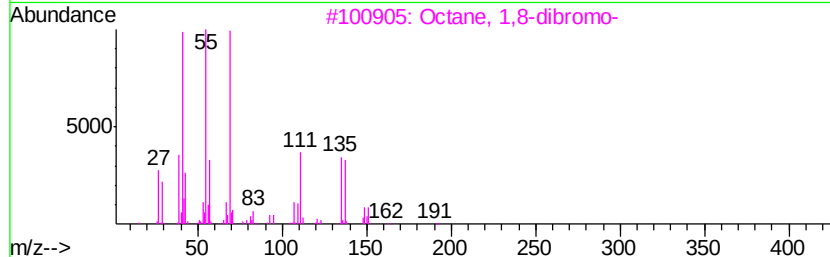
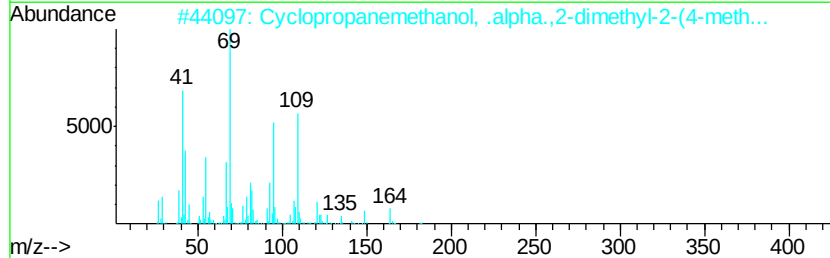
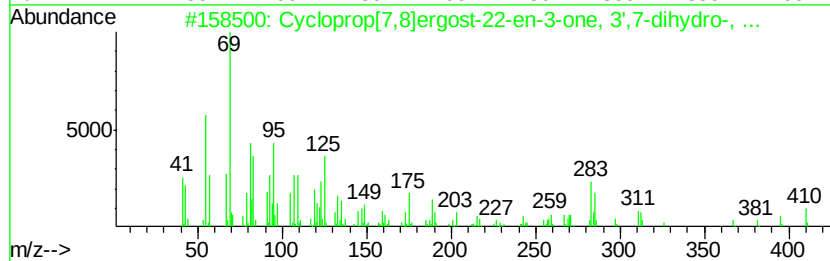
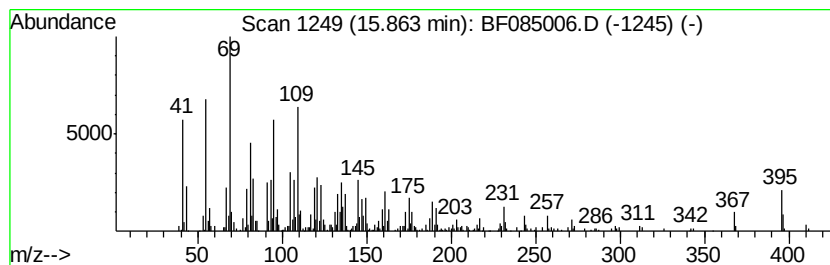
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cycloprop[7,8]ergost-22-en-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	26.48 ng	861696	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloprop[7,8]ergost-22-en-3-one...	410 C29H46O	053755-18-3 50
2		Cyclopropanemethanol, .alpha.,2-...	182 C12H22O	121959-70-4 37
3		Octane, 1,8-dibromo-	270 C8H16Br2	004549-32-0 35
4		1,6,10,14,18,22-Tetracosahexaen-...	426 C30H50O	054159-46-5 32
5		Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225 C12H19NO3	129967-65-3 27



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Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B002(27-29)

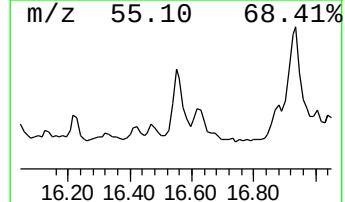
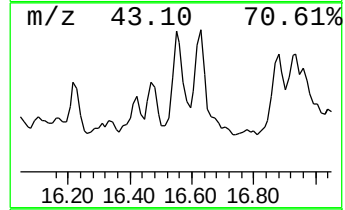
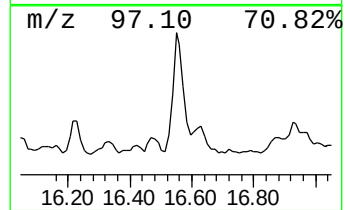
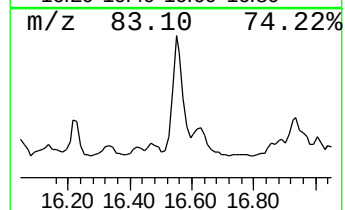
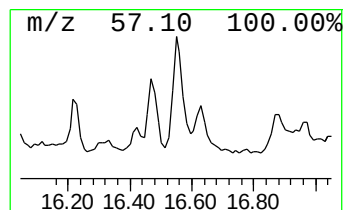
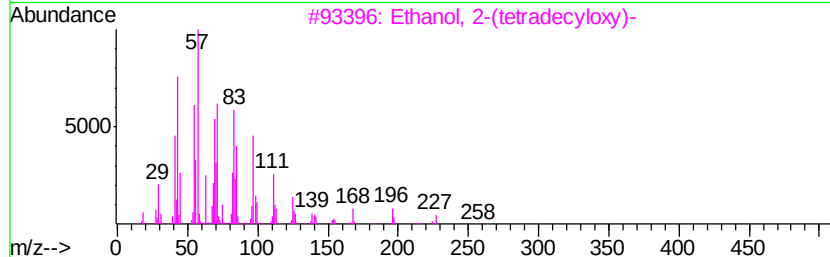
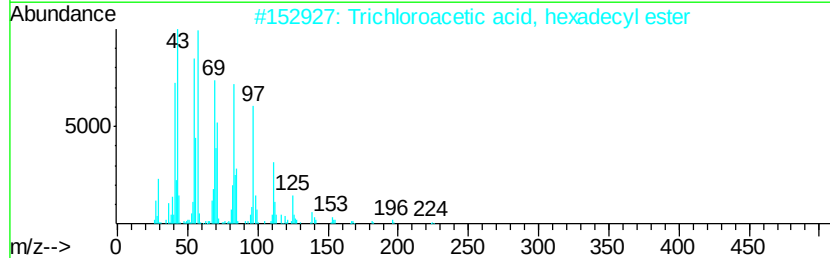
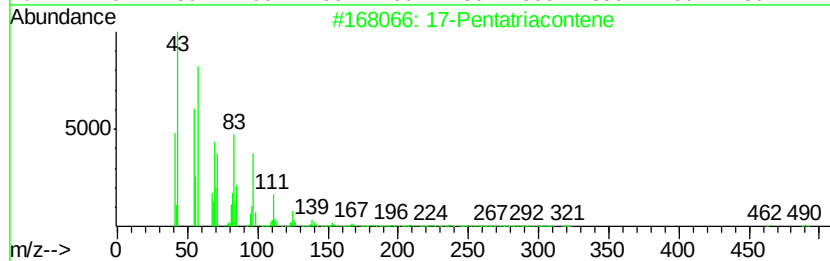
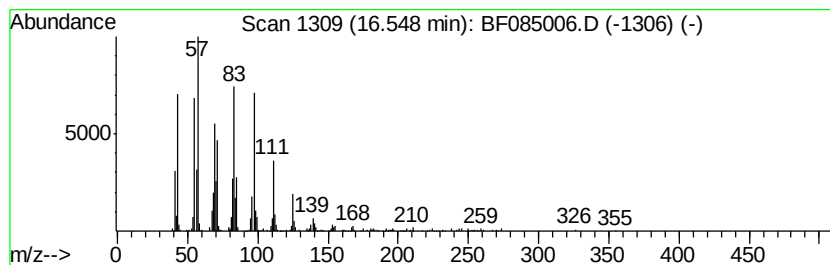
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 17-Pentatriacontene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	22.59 ng	735199	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	58
5		Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	49



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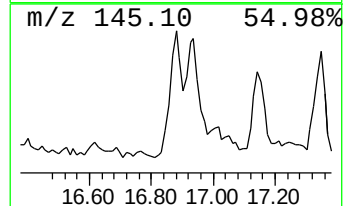
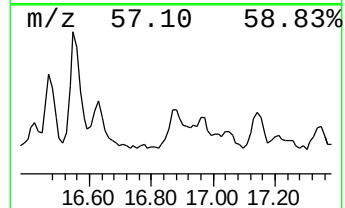
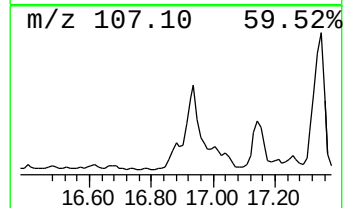
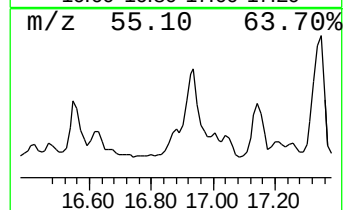
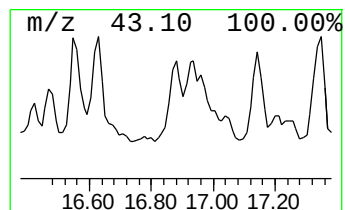
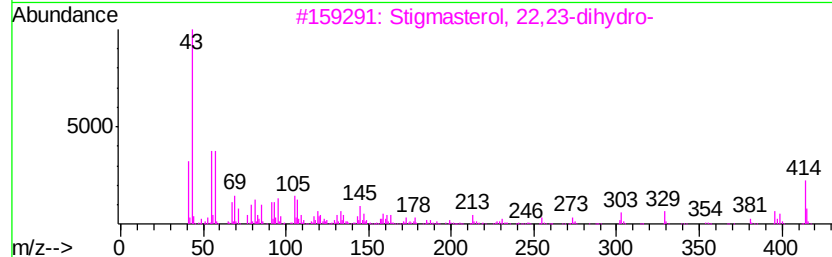
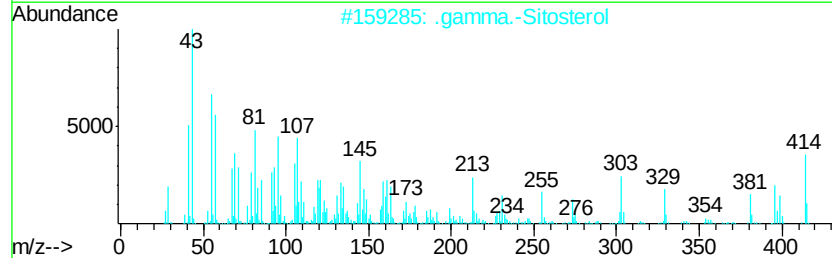
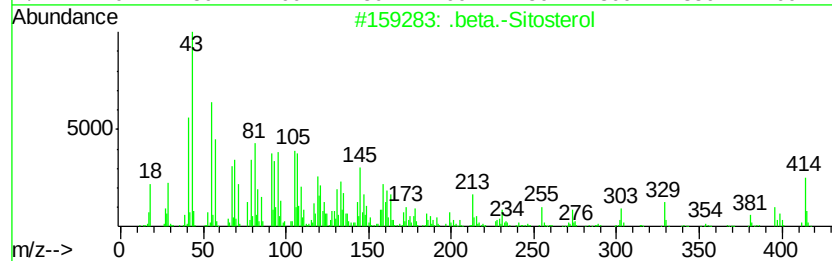
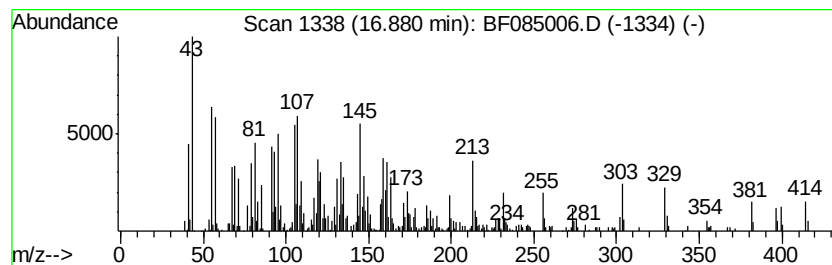
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 .beta.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	25.95 ng	844535	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 99
2		.gamma.-Sitosterol	414 C29H50O	000083-47-6 97
3		Stigmasterol, 22,23-dihydro-	414 C29H50O	1000214-20-7 83
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 38
5		Campesterol	400 C28H48O	000474-62-4 37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B002(27-29)

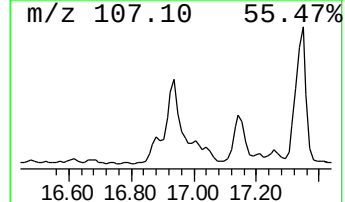
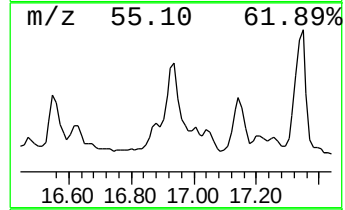
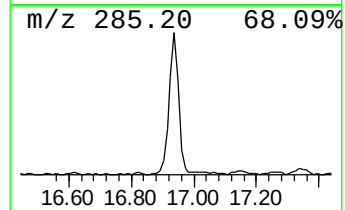
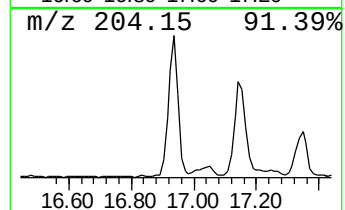
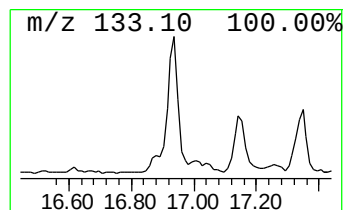
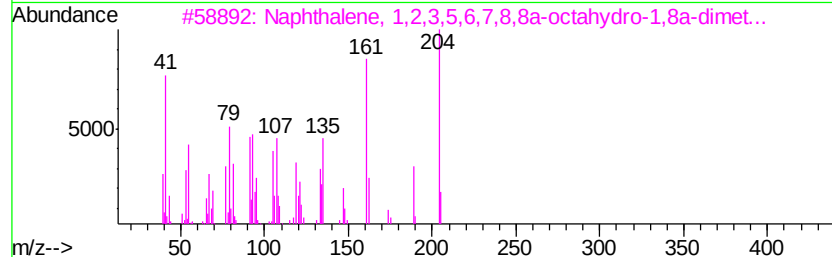
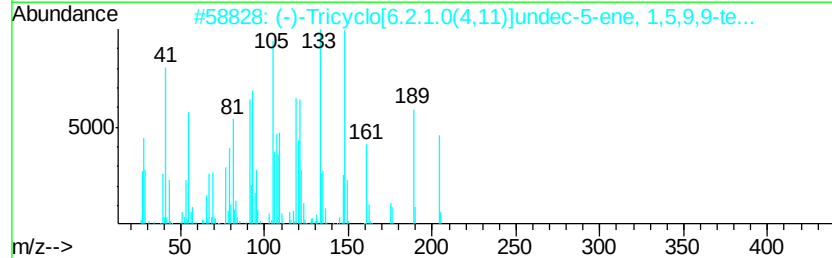
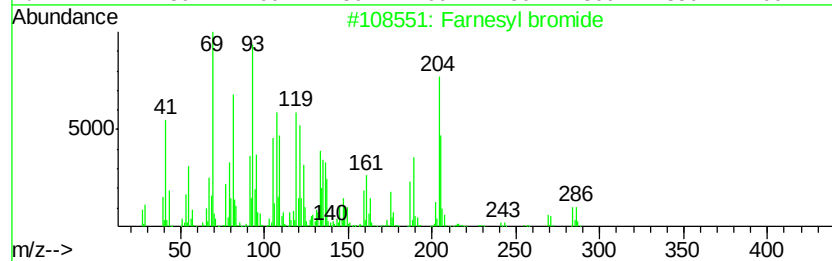
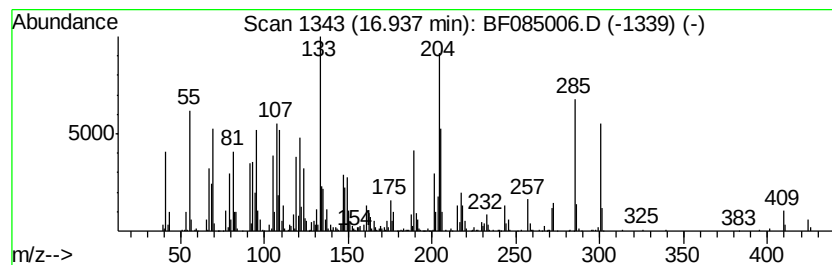
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	86.71 ng	2821590	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Farnesyl bromide	284	C15H25Br	006874-67-5	43
2		(-)-Tricyclo[6.2.1.0(4,11)]undec...	204	C15H24	1000154-06-7	43
3		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	38
4		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	38
5		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
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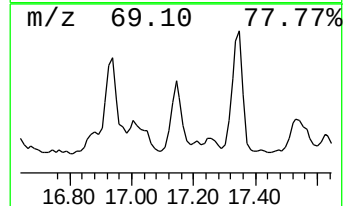
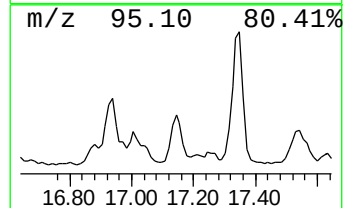
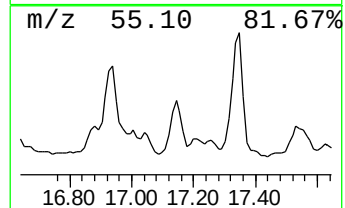
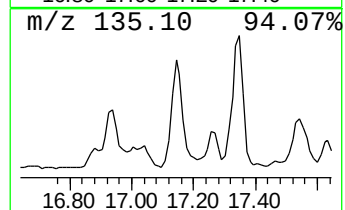
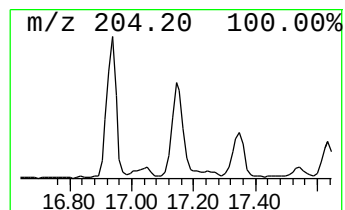
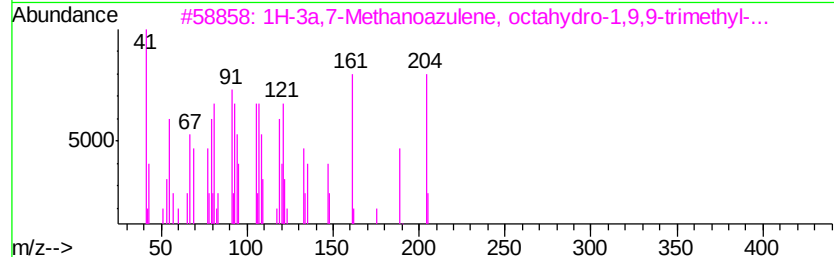
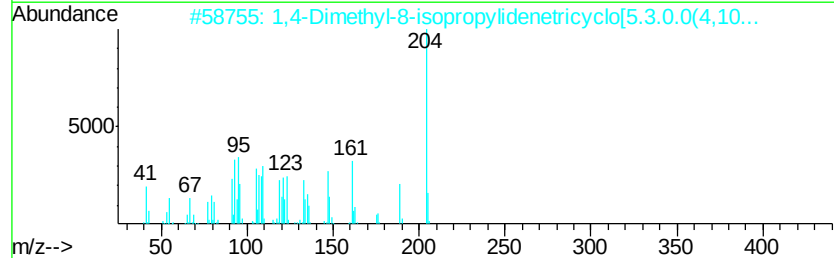
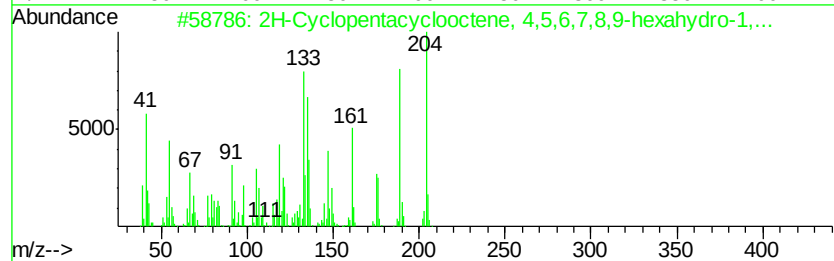
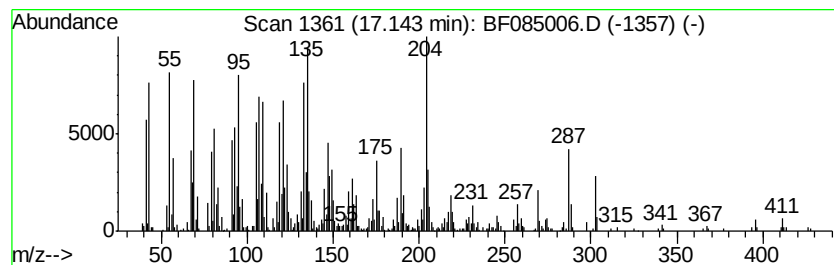
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2H-Cyclopentacyclooctene, 4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	62.19 ng	2023830	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	60
2		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	60
3		1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	50
4		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	49
5		1S,2S,5R-1,4,4-Trimethyltricyclo...	204	C15H24	1000140-07-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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Acq On : 10 Feb 2016 21:23
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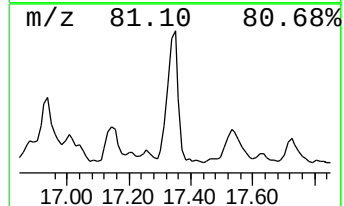
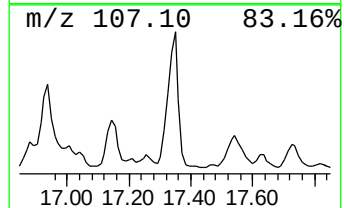
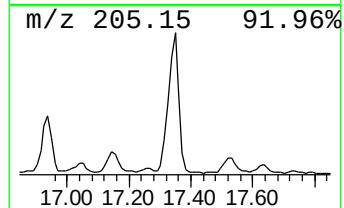
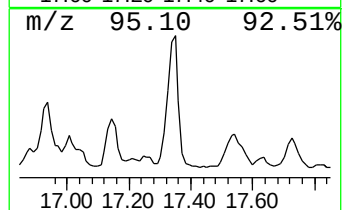
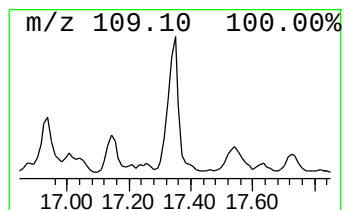
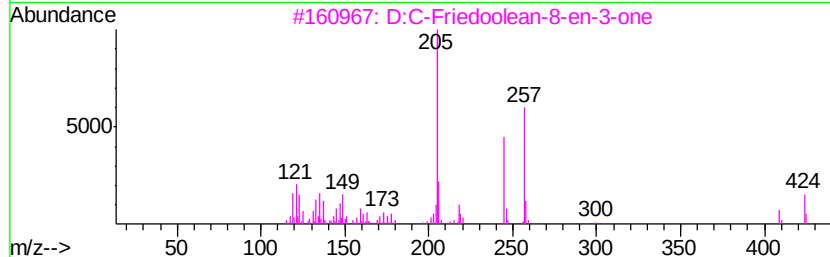
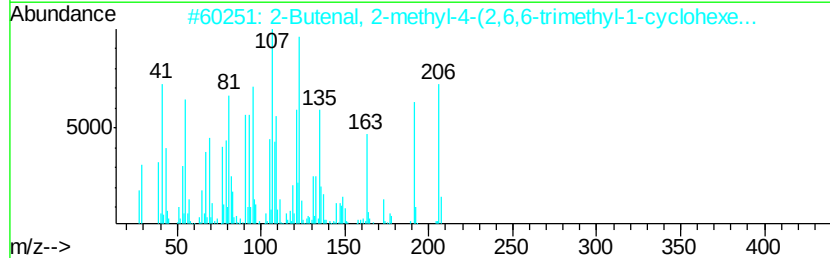
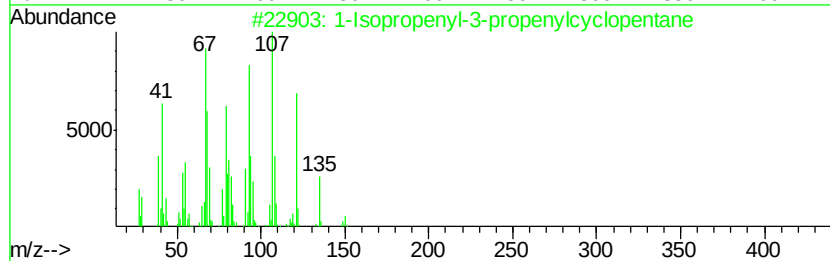
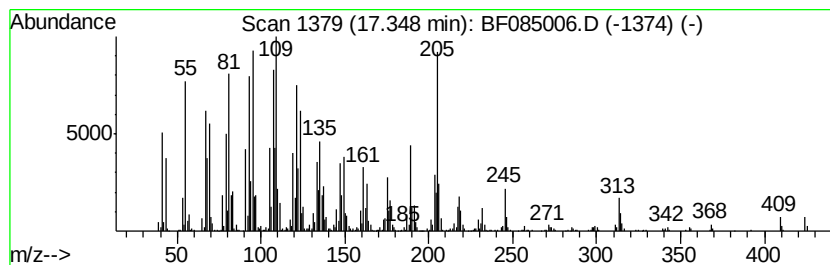
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Isopropenyl-3-propenylcyc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.35	130.83 ng	4257300	Perylene-d12	15.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenyl-3-propenylcyclopentane	150	C11H18	1000192-81-2	58
2		2-Butenal, 2-methyl-4-(2,6,6-trimethyl-1-cyclohexyl)-	206	C14H22O	003155-71-3	55
3		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	49
4		Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	43
5		Cyclohexane, 1-ethenyl-1-methyl-	204	C15H24	003242-08-8	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
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Acq On : 10 Feb 2016 21:23
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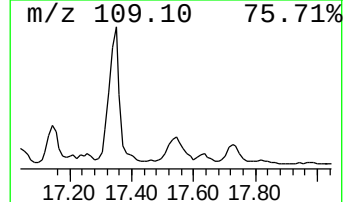
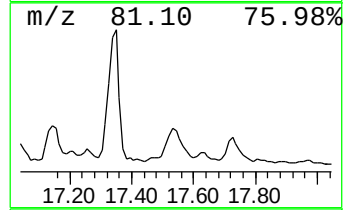
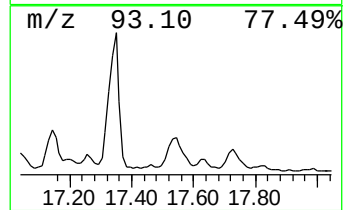
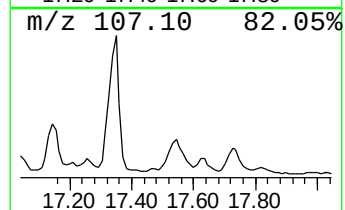
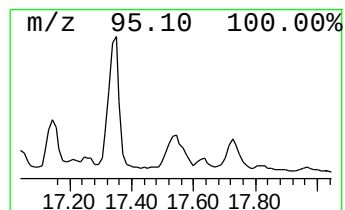
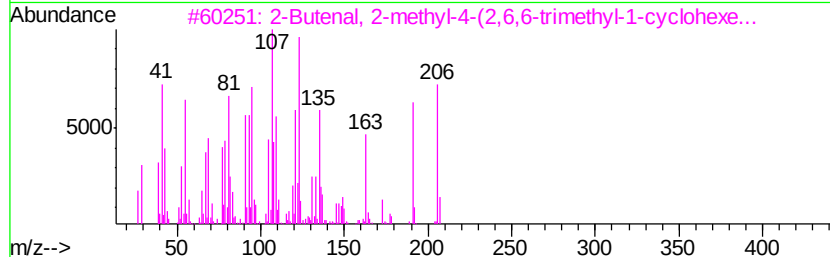
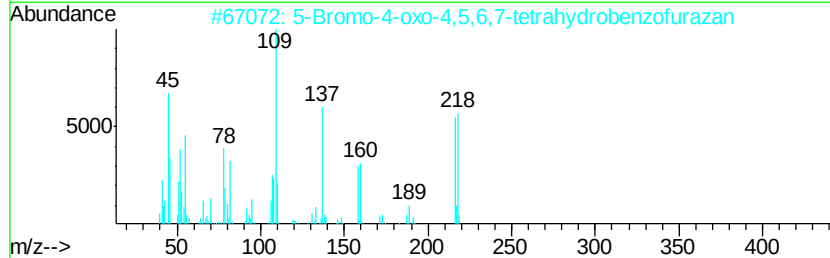
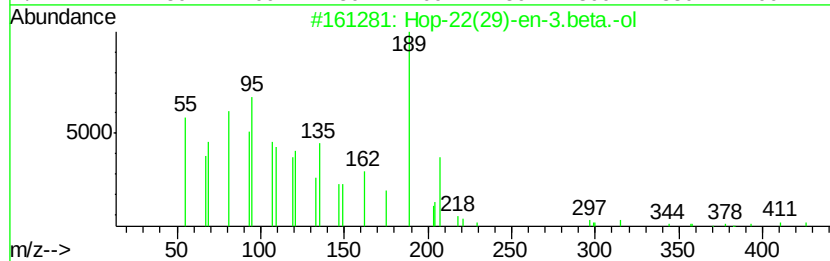
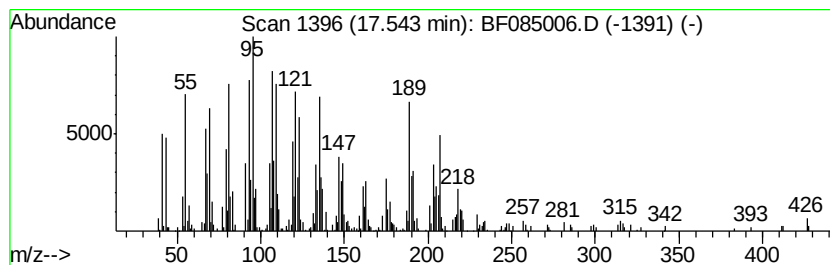
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hop-22(29)-en-3.beta.-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	43.04 ng	1400530	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Hop-22(29)-en-3.beta.-ol	426 C30H50O	058801-23-3 70
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216 C6H5BrN2O2	300574-36-1 53
3		2-Butenal, 2-methyl-4-(2,6,6-tri...	206 C14H22O	003155-71-3 46
4		1-Cycloheptene, 1,4-dimethyl-3-(...	204 C15H24	1000159-38-6 43
5		2-Isopropenyl-4a,8-dimethyl-1,2,...	204 C15H24	1000193-57-0 43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF085006.D
Acq On : 10 Feb 2016 21:23
Operator : SJ/IZ
Sample : H1396-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
S4-B002(27-29)

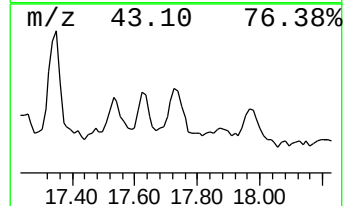
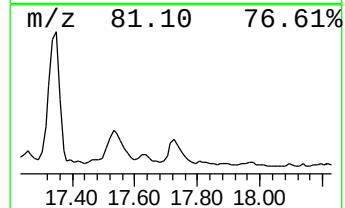
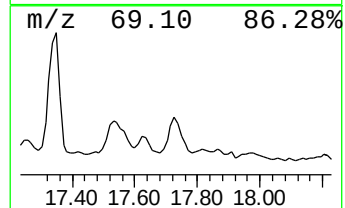
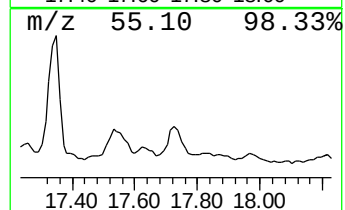
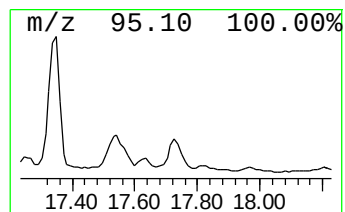
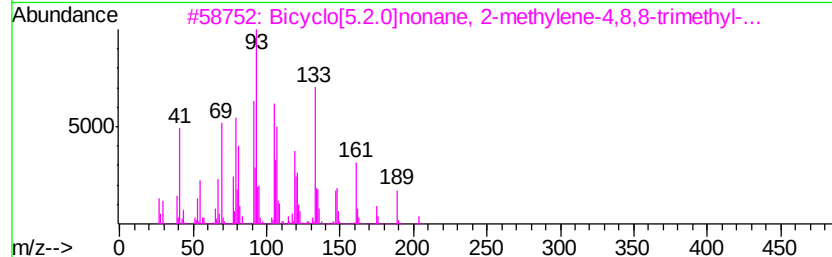
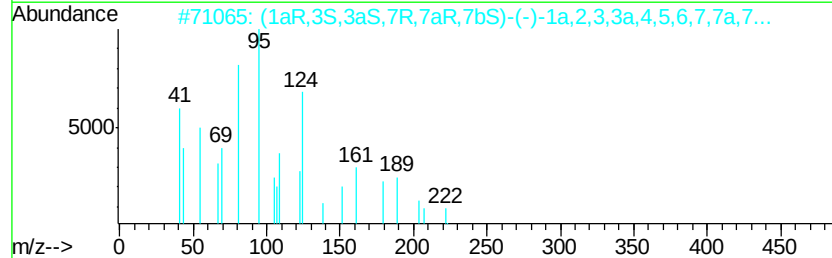
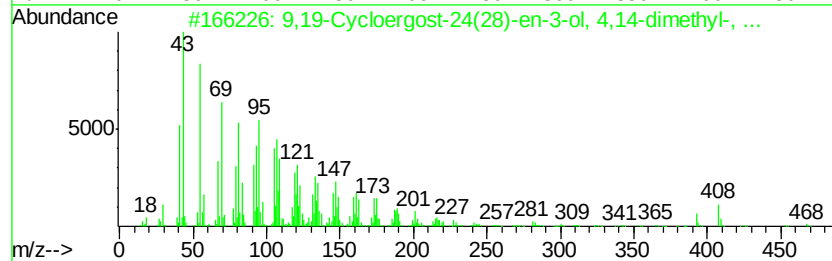
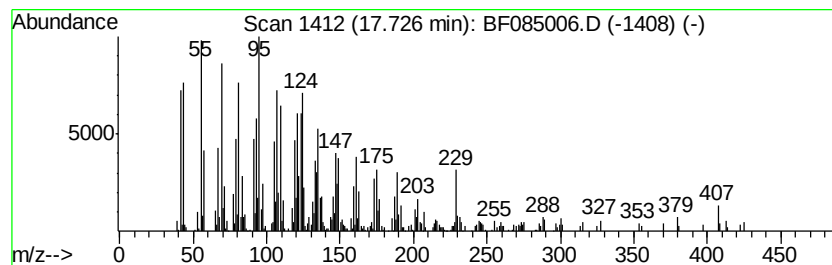
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9,19-Cycloergost-24(28)-en-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	30.76 ng	1000930	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,19-Cycloergost-24(28)-en-3-ol, ...	468	C32H52O2	010376-42-8	58
2		(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	38
3		Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	27
4		2H-Pyran, 2-(7-heptadecyloxy)t...	336	C22H40O2	056599-50-9	27
5		1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
 Data File : BF085006.D
 Acq On : 10 Feb 2016 21:23
 Operator : SJ/IZ
 Sample : H1396-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(27-29)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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
Trichloroacetic a...	13.63	55.8	ng	3457450	5	13.77	1238860	20.0
2-Nonadecanone	13.69	22.1	ng	1372190	5	13.77	1238860	20.0
Oxirane, [(hexade...	14.26	61.3	ng	3799750	5	13.77	1238860	20.0
1-Hexadecanesulfo...	14.55	30.1	ng	980707	6	15.13	650820	20.0
1-Docosene	14.88	164.7	ng	5360360	6	15.13	650820	20.0
.gamma.-Tocopherol	15.45	25.5	ng	831060	6	15.13	650820	20.0
Heneicosane	15.55	29.1	ng	947477	6	15.13	650820	20.0
Bromoacetic acid,...	15.60	73.2	ng	2382250	6	15.13	650820	20.0
Vitamin E	15.77	36.5	ng	1187190	6	15.13	650820	20.0
Cycloprop[7,8]erg...	15.86	26.5	ng	861696	6	15.13	650820	20.0
17-Pentatriacontene	16.55	22.6	ng	735199	6	15.13	650820	20.0
.beta.-Sitosterol	16.88	25.9	ng	844535	6	15.13	650820	20.0
unknown16.94	16.94	86.7	ng	2821590	6	15.13	650820	20.0
2H-Cyclopentacycl...	17.14	62.2	ng	2023830	6	15.13	650820	20.0
1-Isopropenyl-3-p...	17.35	130.8	ng	4257300	6	15.13	650820	20.0
Hop-22(29)-en-3.b...	17.54	43.0	ng	1400530	6	15.13	650820	20.0
9,19-Cycloergost-...	17.73	30.8	ng	1000930	6	15.13	650820	20.0