

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091069.D
 Acq On : 7 Nov 2016 21:17
 Operator : UM/SJ
 Sample : H5565-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-LAWRENCEVILLE-NJ

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-BF110316.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	1.767	5	7	33	rVB	1222037	2828708	51.37%	3.993%
2	4.818	271	274	283	rBV	497317	818274	14.86%	1.155%
3	5.264	311	313	316	rBV	3534014	4071146	73.93%	5.746%
4	5.927	369	371	373	rVB	95659	83975	1.52%	0.119%
5	6.327	403	406	409	rBV2	3689689	5506945	100.00%	7.773%
6	6.441	414	416	419	rVV	4198835	4329048	78.61%	6.110%
7	6.670	434	436	441	rBV	1387886	1286394	23.36%	1.816%
8	6.750	441	443	445	rVB	59135	56285	1.02%	0.079%
9	6.830	448	450	452	rBV	3788126	3754840	68.18%	5.300%
10	7.242	483	486	488	rBV	1909508	2008453	36.47%	2.835%
11	7.344	493	495	499	rVB	106434	143138	2.60%	0.202%
12	7.699	524	526	530	rBV4	28430	68611	1.25%	0.097%
13	7.962	546	549	551	rBV	1279665	1361118	24.72%	1.921%
14	8.967	635	637	641	rBV	94249	158677	2.88%	0.224%
15	9.036	641	643	646	rBV	2905911	4216645	76.57%	5.952%
16	9.345	668	670	671	rBV	120516	107464	1.95%	0.152%
17	9.367	671	672	674	rVB2	182791	161984	2.94%	0.229%
18	9.436	676	678	680	rVV	243617	234694	4.26%	0.331%
19	9.470	680	681	686	rVB3	65860	83719	1.52%	0.118%
20	9.573	686	690	693	rBV2	123764	190070	3.45%	0.268%
21	9.665	696	698	700	rBV	48121	71990	1.31%	0.102%
22	9.710	700	702	704	rBV	1693739	1658861	30.12%	2.341%
23	9.813	710	711	712	rBV	201393	165725	3.01%	0.234%
24	9.836	712	713	715	rVB2	133058	129714	2.36%	0.183%
25	9.870	715	716	718	rVB	74285	69426	1.26%	0.098%
26	9.916	718	720	722	rBV	63404	66147	1.20%	0.093%
27	10.156	739	741	743	rVB	86618	70045	1.27%	0.099%
28	10.259	749	750	753	rVB	62369	59970	1.09%	0.085%
29	10.316	753	755	757	rBV3	33546	68298	1.24%	0.096%
30	10.385	759	761	763	rVB	113422	132795	2.41%	0.187%
31	10.499	769	771	773	rBV	1609077	1662527	30.19%	2.347%
32	10.533	773	774	777	rVV2	50647	71424	1.30%	0.101%
33	10.625	781	782	787	rVB	155813	222948	4.05%	0.315%
34	10.922	806	808	814	rBV6	38266	121505	2.21%	0.172%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.082	818	822	829	rBV3	86150	208442	3.79%	0.294%
36	11.196	829	832	833	rBV	1356226	1368540	24.85%	1.932%
37	11.265	837	838	840	rVV	216375	195696	3.55%	0.276%
38	11.345	843	845	847	rVB2	65380	78149	1.42%	0.110%
39	11.425	850	852	856	rBV3	118198	174240	3.16%	0.246%
40	11.505	856	859	860	rBV2	41352	55267	1.00%	0.078%
41	11.699	872	876	879	rBV2	174751	306890	5.57%	0.433%
42	11.779	881	883	884	rBV2	75521	71893	1.31%	0.101%
43	11.802	884	885	890	rVB2	143544	277985	5.05%	0.392%
44	11.882	890	892	894	rBV2	101888	178078	3.23%	0.251%
45	11.939	894	897	899	rVB	417855	481776	8.75%	0.680%
46	11.996	899	902	905	rBV3	61732	188794	3.43%	0.266%
47	12.042	905	906	910	rVB2	371296	481805	8.75%	0.680%
48	12.111	910	912	913	rBV	38195	57408	1.04%	0.081%
49	12.145	913	915	916	rBV	1334082	1375384	24.98%	1.941%
50	12.225	920	922	924	rBV	313223	341527	6.20%	0.482%
51	12.271	924	926	930	rVB5	108012	299372	5.44%	0.423%
52	12.351	930	933	935	rBV	416894	544495	9.89%	0.769%
53	12.408	935	938	939	rBV	692705	848801	15.41%	1.198%
54	12.454	939	942	944	rBV	3713927	3327047	60.42%	4.696%
55	12.568	949	952	954	rBV3	77734	165279	3.00%	0.233%
56	12.625	954	957	960	rBV2	619075	1122203	20.38%	1.584%
57	12.671	960	961	962	rVB	86525	59313	1.08%	0.084%
58	12.751	966	968	969	rBV	93949	127156	2.31%	0.179%
59	12.785	969	971	973	rBV	3756091	3505300	63.65%	4.948%
60	12.911	979	982	984	rBV2	184625	307935	5.59%	0.435%
61	12.968	984	987	989	rVB	92978	165732	3.01%	0.234%
62	13.025	991	992	994	rVV	158577	141413	2.57%	0.200%
63	13.082	994	997	1000	rVB5	108279	206076	3.74%	0.291%
64	13.162	1001	1004	1007	rBV2	335819	641301	11.65%	0.905%
65	13.208	1007	1008	1010	rVV	259437	309044	5.61%	0.436%
66	13.288	1013	1015	1017	rVB	222168	263782	4.79%	0.372%
67	13.482	1029	1032	1033	rBV2	116533	176509	3.21%	0.249%
68	13.688	1048	1050	1054	rBV2	611146	741958	13.47%	1.047%
69	13.825	1059	1062	1067	rVV	1447936	2252360	40.90%	3.179%
70	13.939	1069	1072	1074	rVB2	210908	316711	5.75%	0.447%
71	14.328	1103	1106	1110	rBV	576960	1023590	18.59%	1.445%

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72	14.545	1123	1125	1128	rBV2	133231	178791	3.25%	0.252%
73	14.671	1134	1136	1139	rVB	242861	305038	5.54%	0.431%
74	14.739	1140	1142	1145	rVB	232566	300247	5.45%	0.424%
75	14.831	1148	1150	1153	rBV	328449	562687	10.22%	0.794%
76	14.922	1155	1158	1164	rVB2	729956	1502660	27.29%	2.121%
77	15.162	1176	1179	1181	rBV	191198	320902	5.83%	0.453%
78	15.220	1181	1184	1185	rBV	630894	960685	17.44%	1.356%
79	15.642	1218	1221	1223	rBV	596150	813179	14.77%	1.148%
80	15.688	1223	1225	1228	rVB	319755	501549	9.11%	0.708%
81	15.871	1239	1241	1247	rVB2	363759	663790	12.05%	0.937%
82	16.214	1268	1271	1278	rVB5	155288	517192	9.39%	0.730%
83	16.602	1302	1305	1307	rBV	192189	373262	6.78%	0.527%
84	17.197	1355	1357	1361	rVB2	173025	325662	5.91%	0.460%
85	17.368	1369	1372	1374	rBV	148986	319616	5.80%	0.451%
86	17.505	1381	1384	1388	rVB3	320965	821414	14.92%	1.159%
87	17.711	1399	1402	1403	rBV	189415	392676	7.13%	0.554%
88	17.917	1416	1420	1425	rVB	530291	1444325	26.23%	2.039%
89	18.157	1438	1441	1447	rBV3	131934	371815	6.75%	0.525%
90	18.831	1494	1500	1509	rVB3	531881	1742955	31.65%	2.460%

Sum of corrected areas: 70847259

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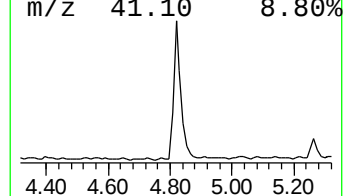
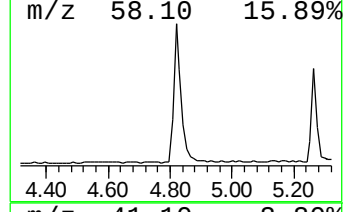
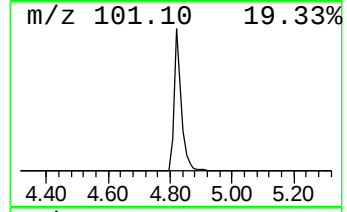
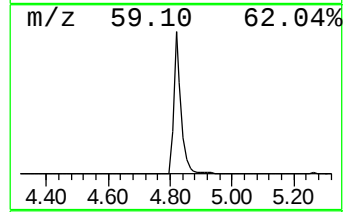
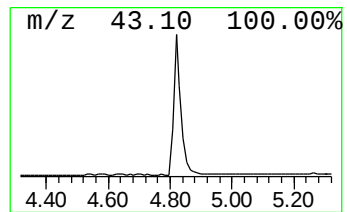
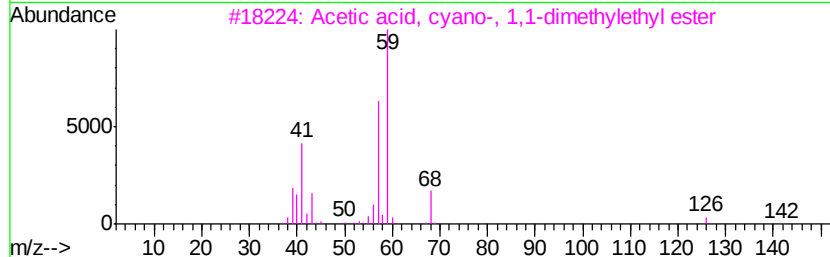
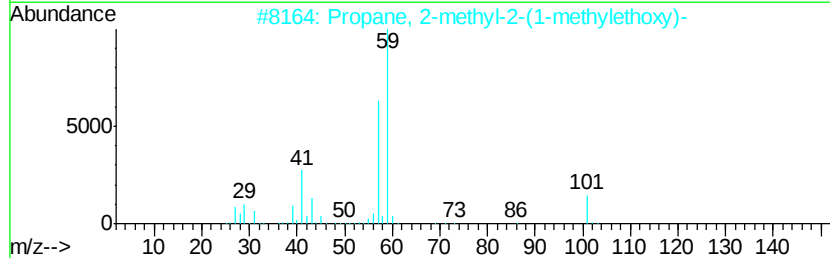
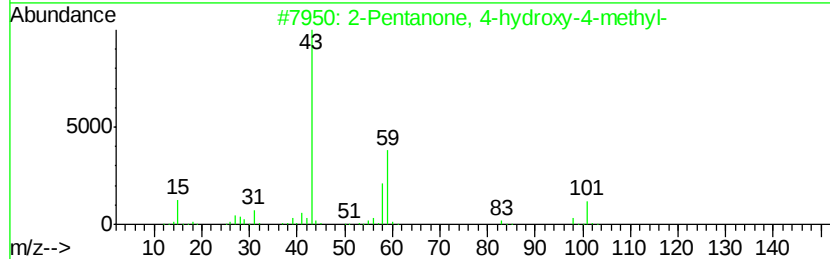
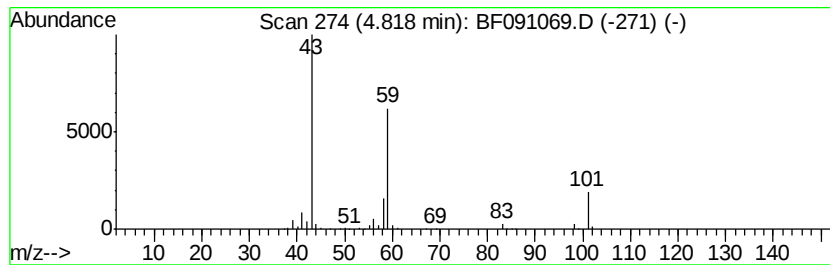
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.72 ng	818274	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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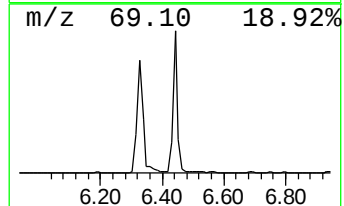
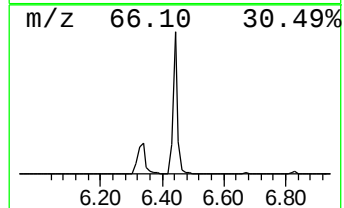
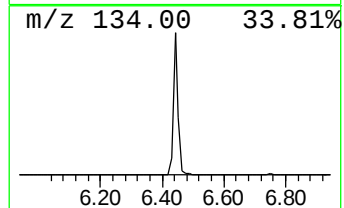
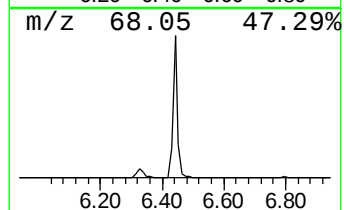
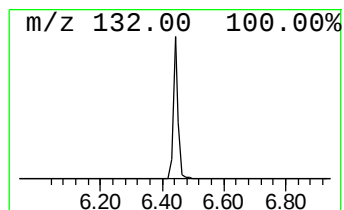
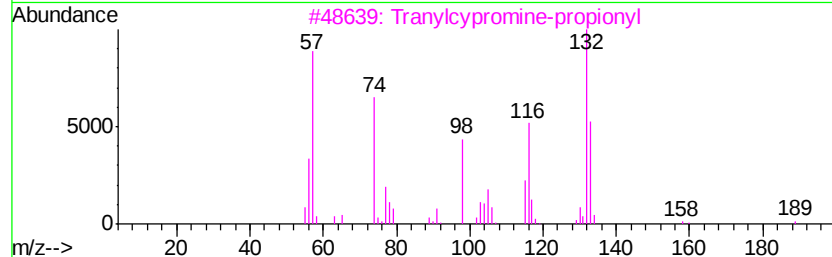
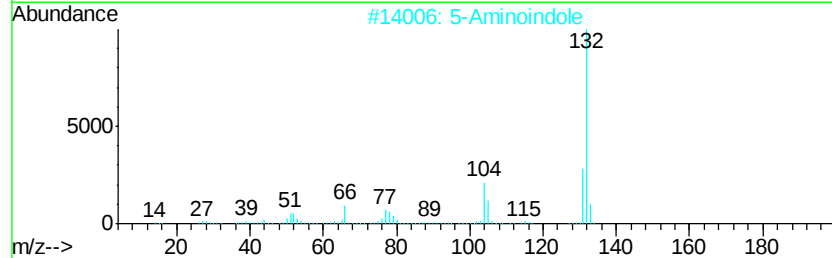
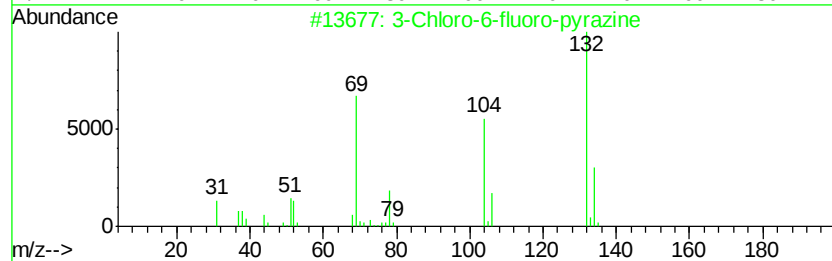
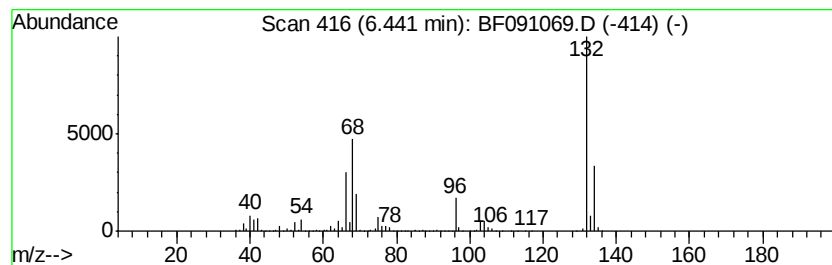
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	67.31 ng	4329050	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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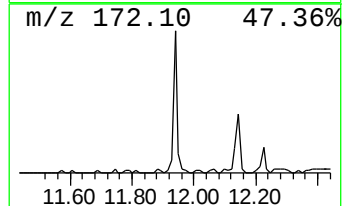
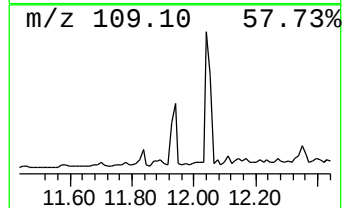
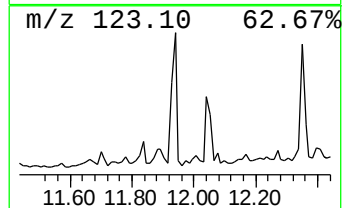
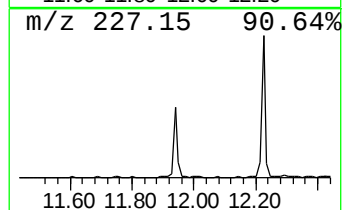
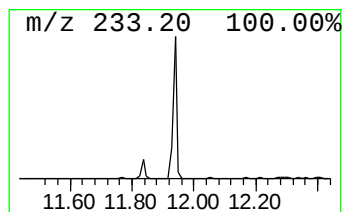
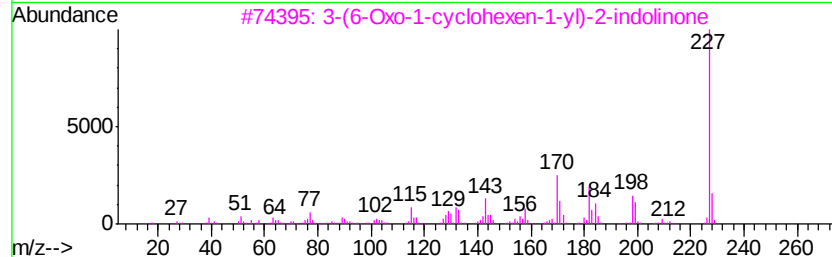
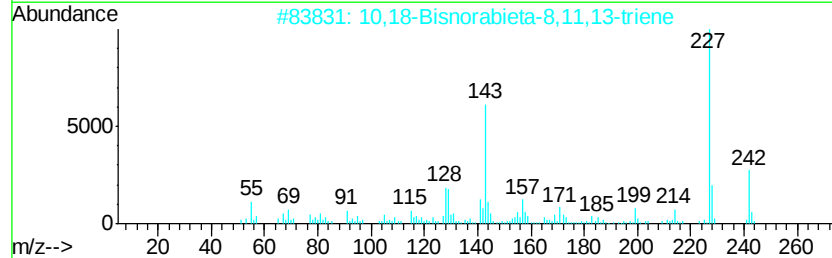
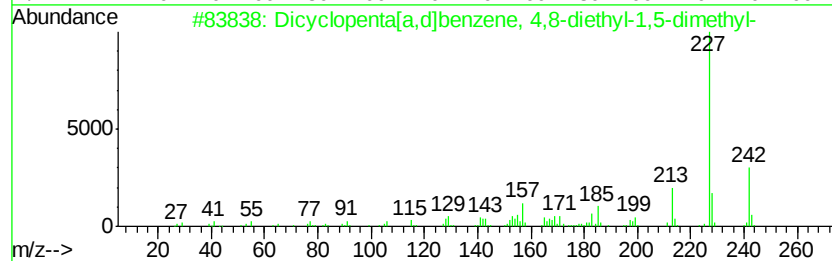
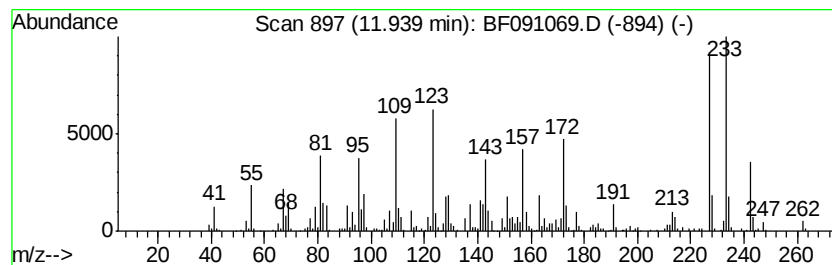
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown11.94 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.04 ng	481776	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dicvclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	44
2		10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	35
3		3-(6-Oxo-1-cvclohexen-1-yl)-2-in...	227	C14H13N02	076325-86-5	15
4		5H-Indeno[2,1-E]1,2,4triazin-5-o...	227	C10H9N7	1000271-75-1	15
5		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	11



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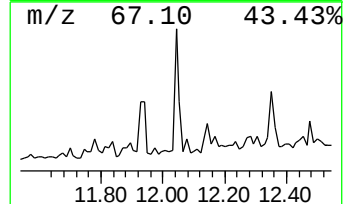
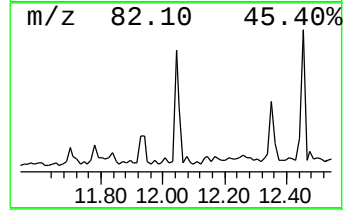
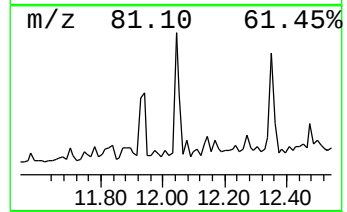
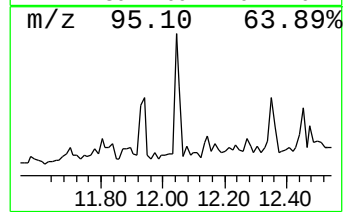
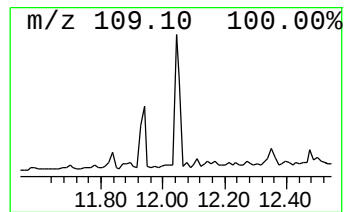
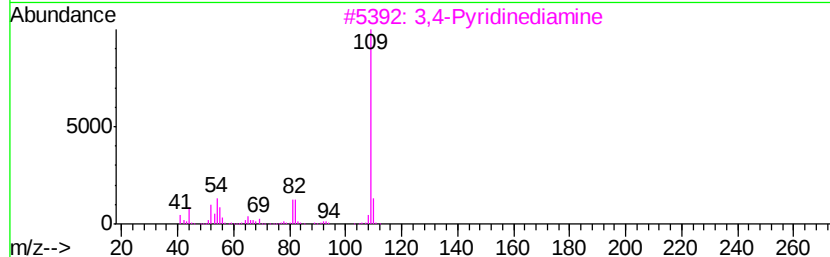
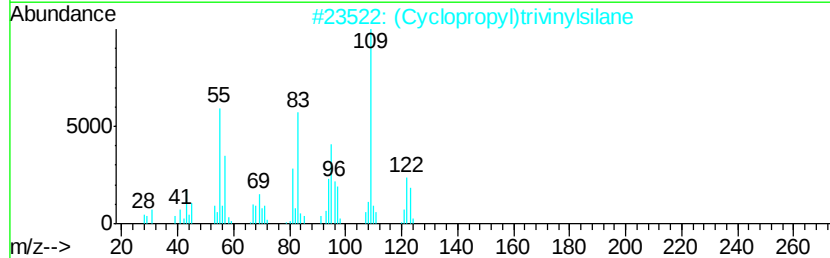
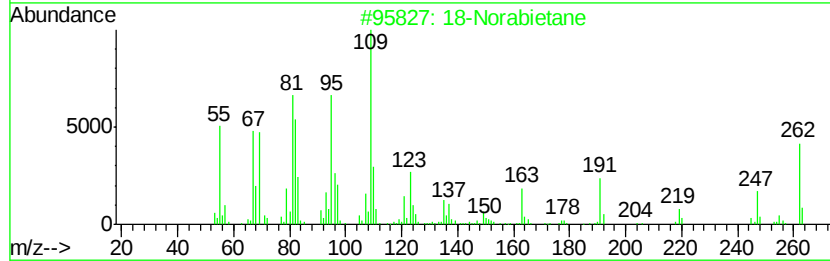
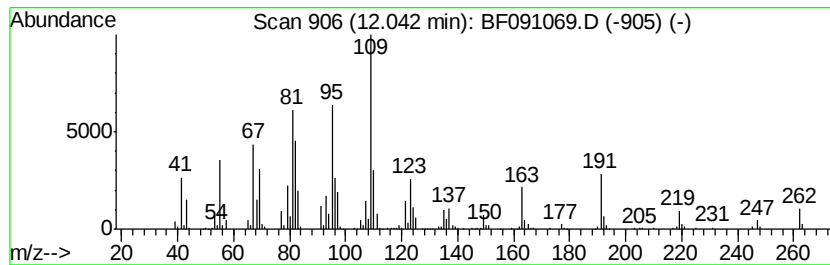
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ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

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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 6 18-Norabietane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.04	7.04 ng	481805	Phenanthrene-d10	11.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
3	3,4-Pyridinediamine	109	C5H7N3	000054-96-6	35
4	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	22
5	trans,cis-1,7-Dimethylspiro[4.5]...	166	C12H22	1000111-72-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

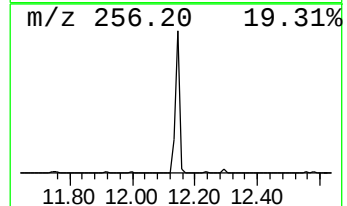
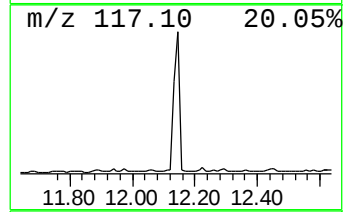
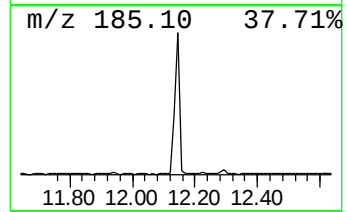
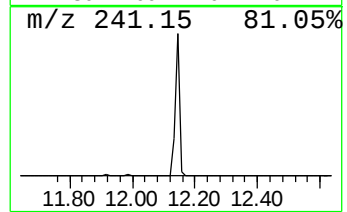
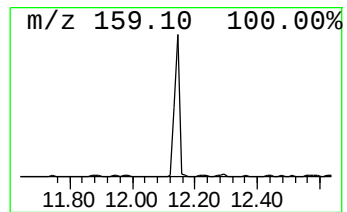
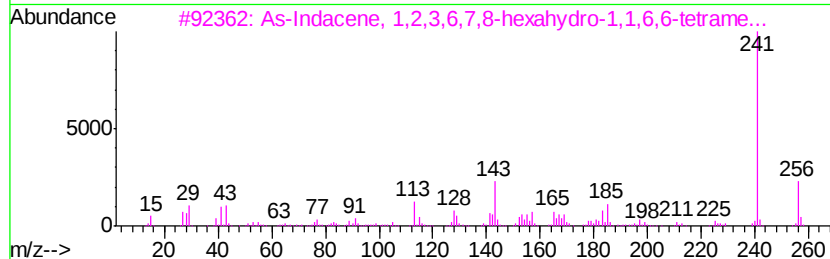
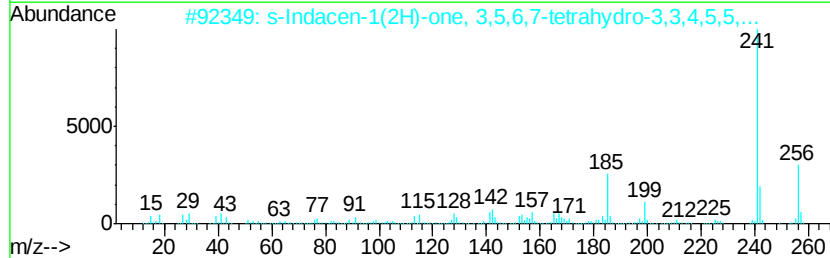
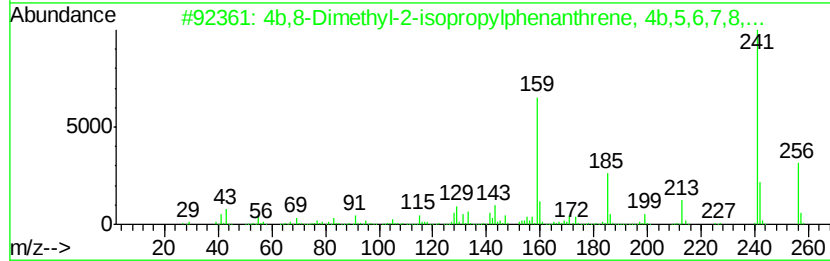
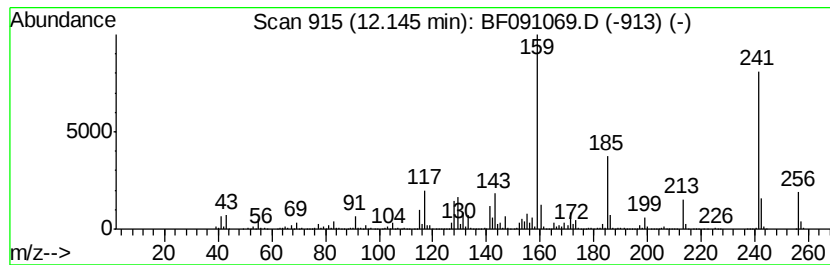
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	20.10 ng	1375380	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	43
3		As-Indacene, 1,2,3,6,7,8-hexahvd...	256	C19H28	017465-47-3	38
4		Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	38
5		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
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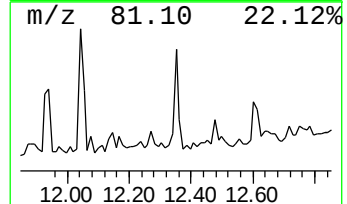
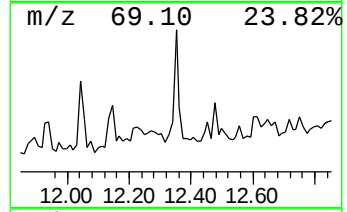
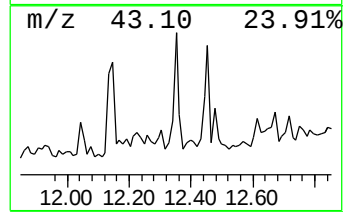
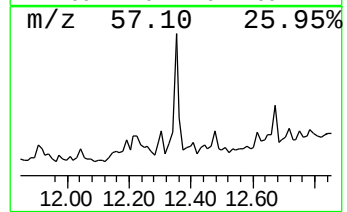
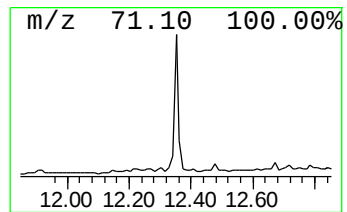
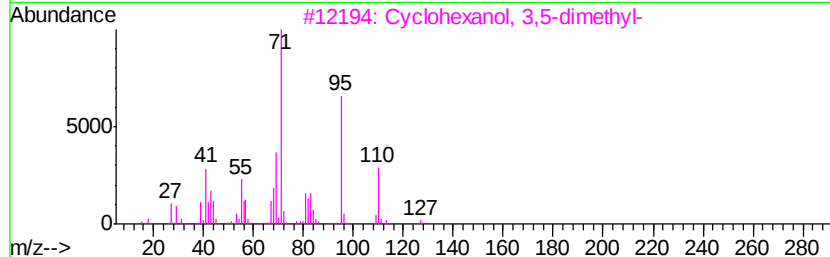
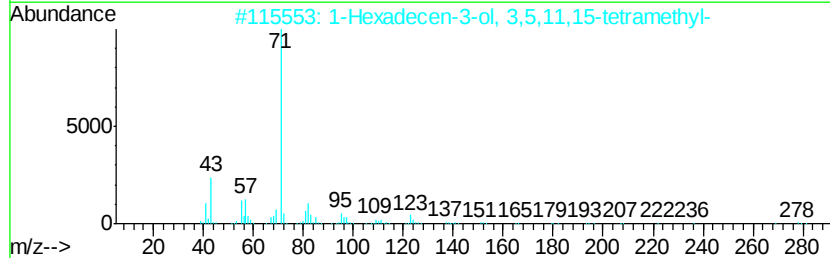
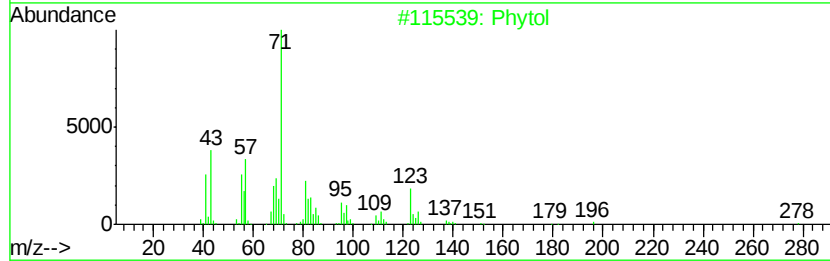
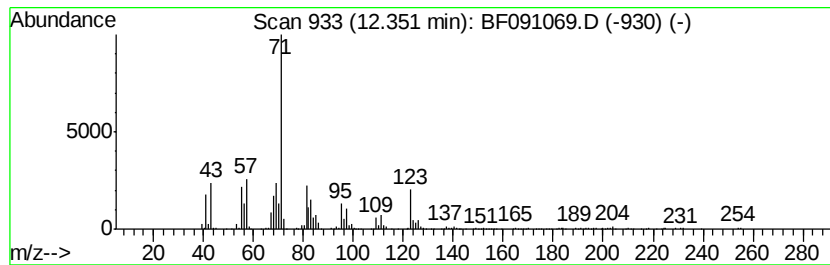
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phytol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	7.96 ng	544495	Phenanthrene-d10	11.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phytol		296 C20H40O	000150-86-7 91
2	1-Hexadecen-3-ol, 3,5,11,15-tetr...		296 C20H40O	1000262-55-5 64
3	Cyclohexanol, 3,5-dimethyl-		128 C8H16O	005441-52-1 60
4	Butyric acid, 2-pentadecyl ester		298 C19H38O2	107853-73-6 58
5	Butyric acid, 4-pentadecyl ester		298 C19H38O2	1000280-57-4 50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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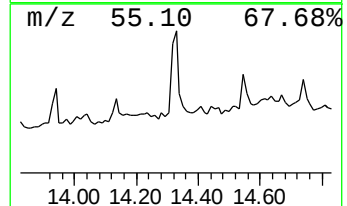
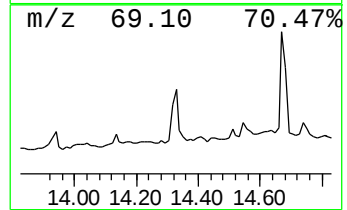
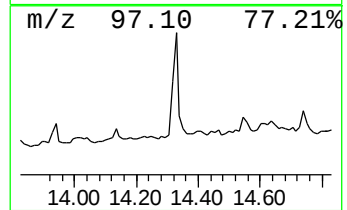
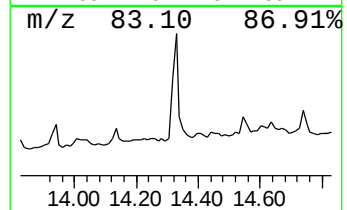
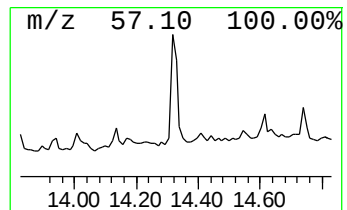
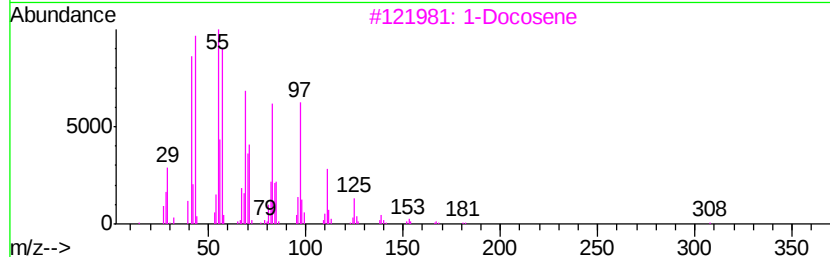
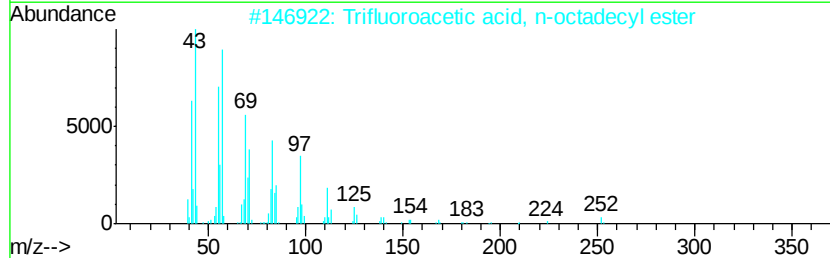
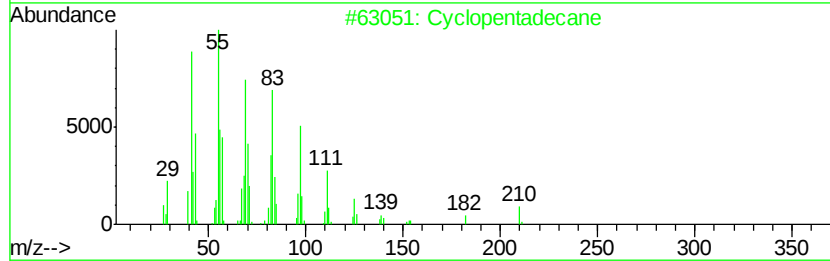
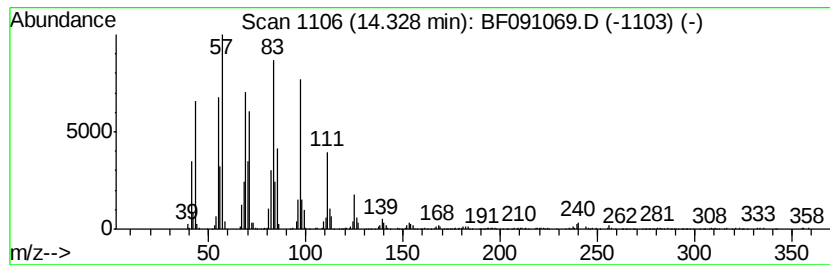
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.09 ng	1023590	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	91
2		Trifluoroacetic acid, n-octadecyl ester	366	C20H37F3O2	079392-43-1	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
5		Cyclohexadecane	224	C16H32	000295-65-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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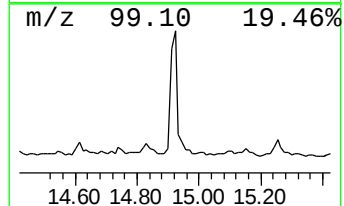
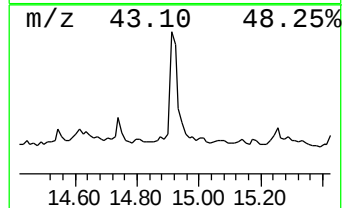
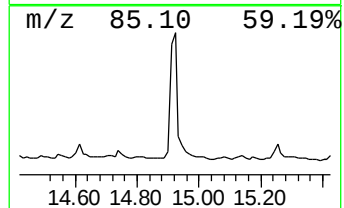
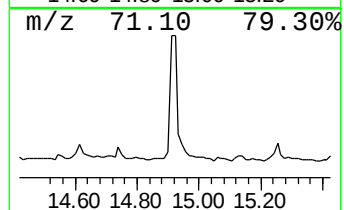
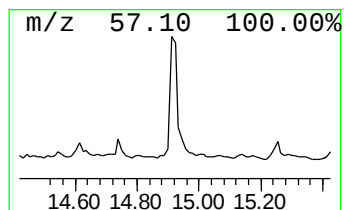
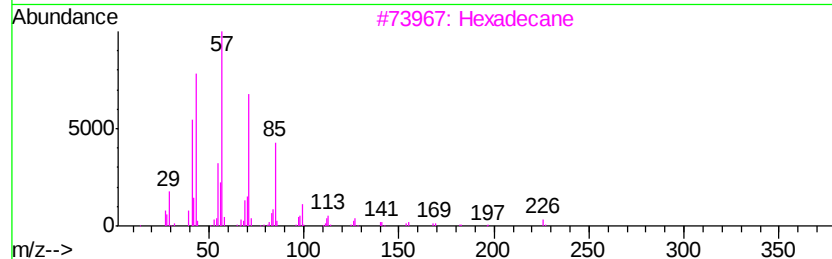
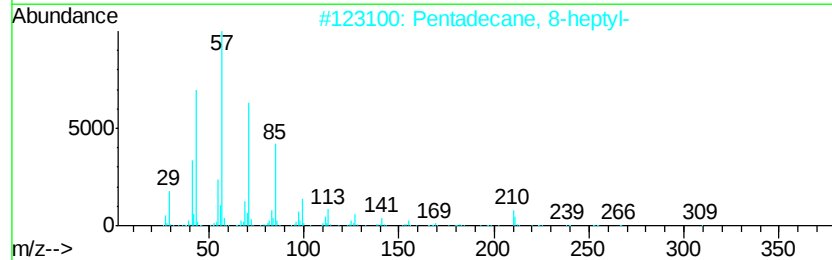
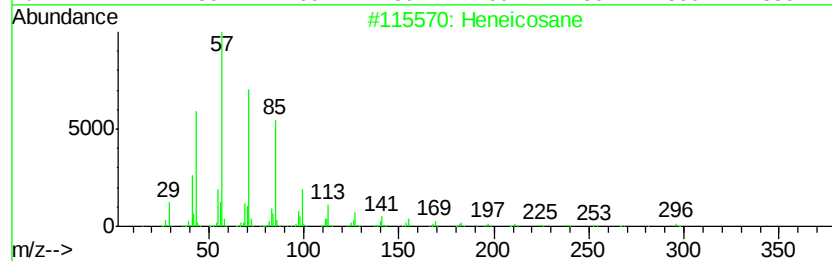
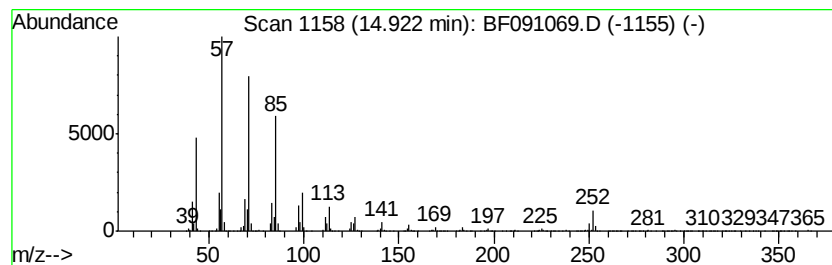
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	31.28 ng	1502660	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	87
3	Hexadecane		226	C16H34	000544-76-3	87
4	Docosane, 9-butyl-		366	C26H54	055282-14-9	86
5	Eicosane, 2-methyl-		296	C21H44	001560-84-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
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Misc :
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ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

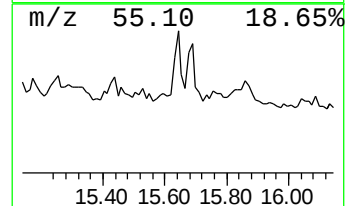
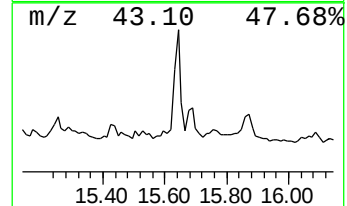
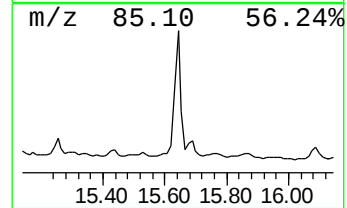
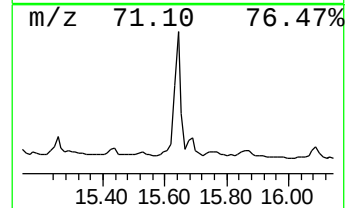
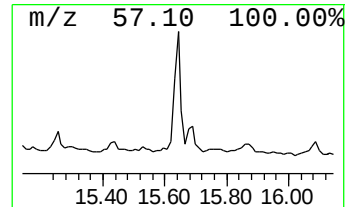
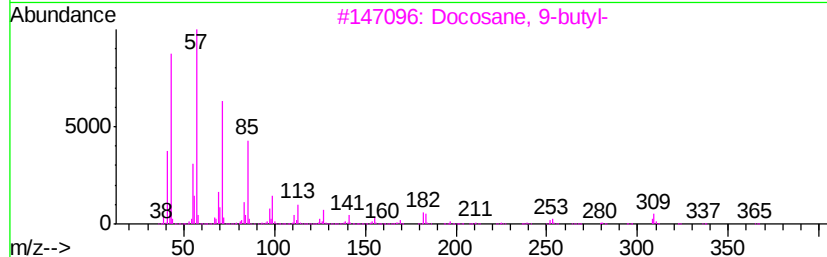
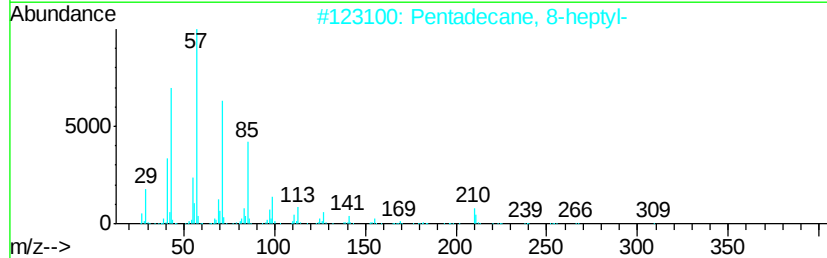
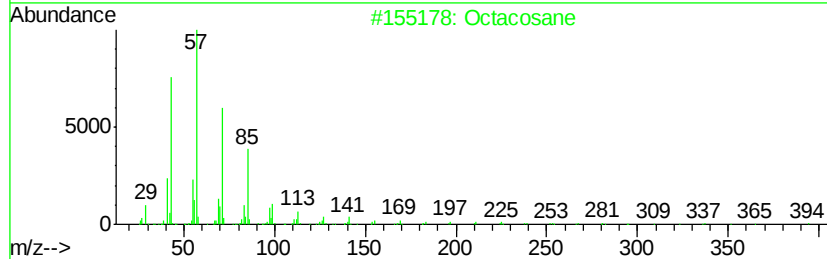
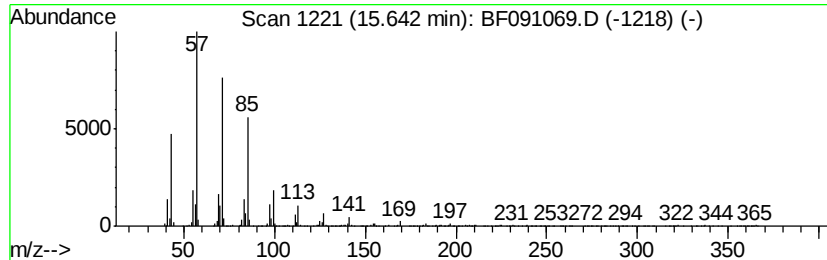
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	16.93 ng	813179	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
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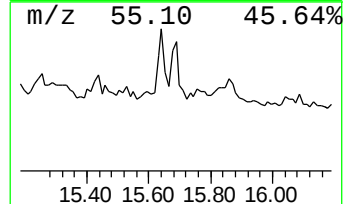
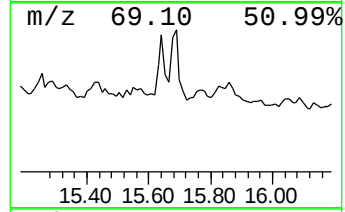
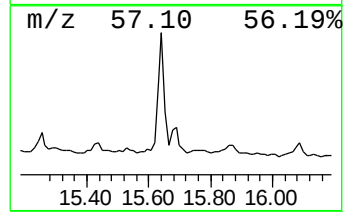
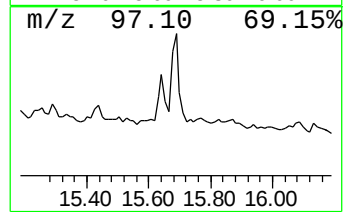
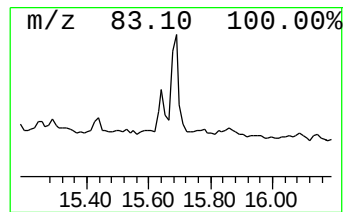
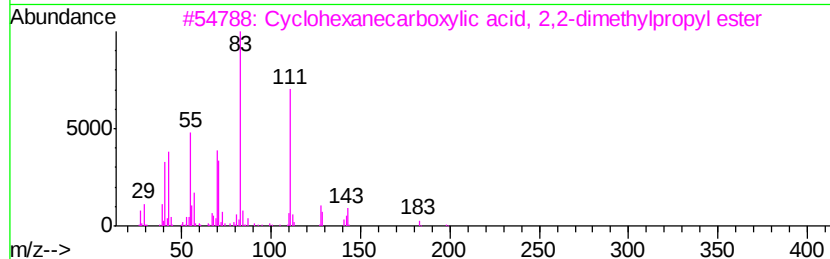
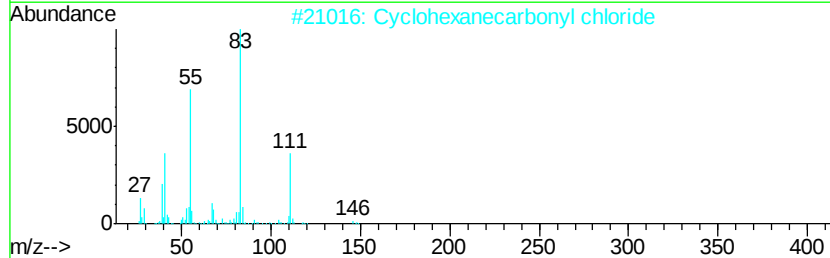
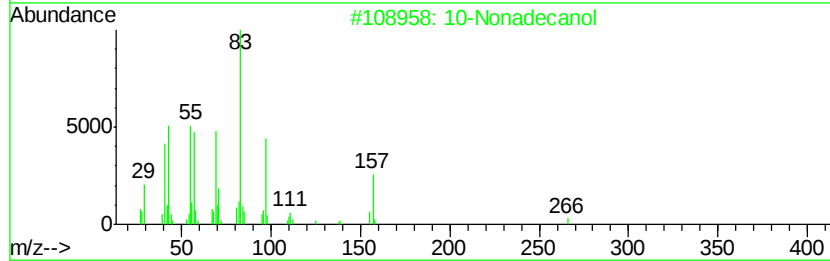
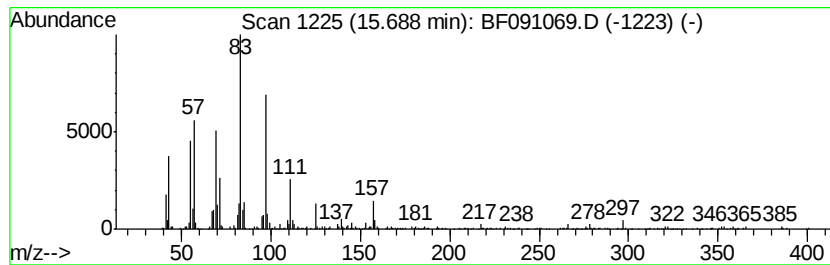
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 10-Nonadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.69	10.44 ng	501549	Perylene-d12	15.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Nonadecanol		284	C19H40O	016840-84-9	59
2	Cyclohexanecarbonyl chloride		146	C7H11ClO	002719-27-9	38
3	Cyclohexanecarboxylic acid, 2,2-dimethylpropyl ester		198	C12H22O2	1000279-85-6	38
4	3-Ethyl-5-methyl-1-heptyn-3-ol		154	C10H18O	207974-16-1	38
5	1-Hexacosene		364	C26H52	018835-33-1	38



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Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

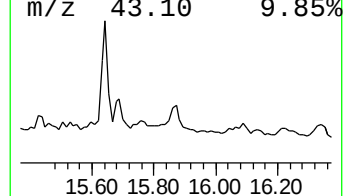
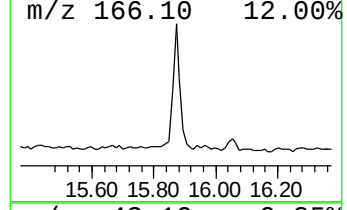
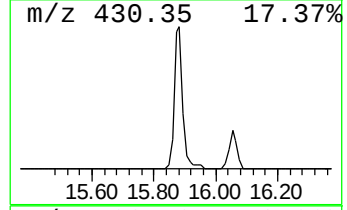
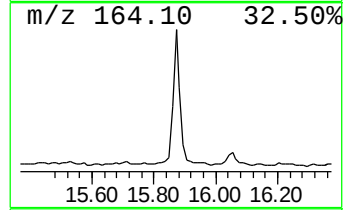
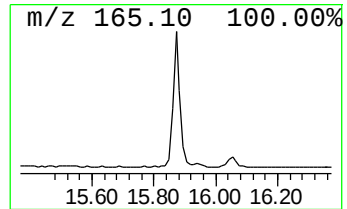
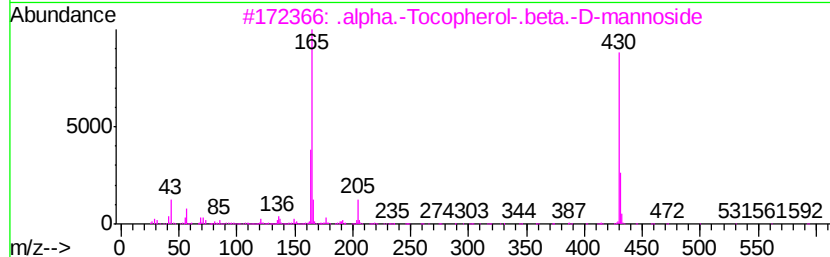
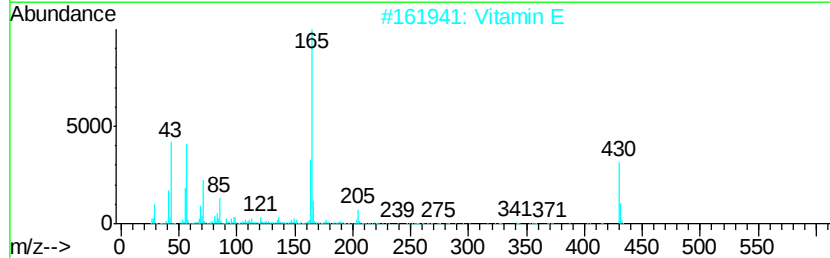
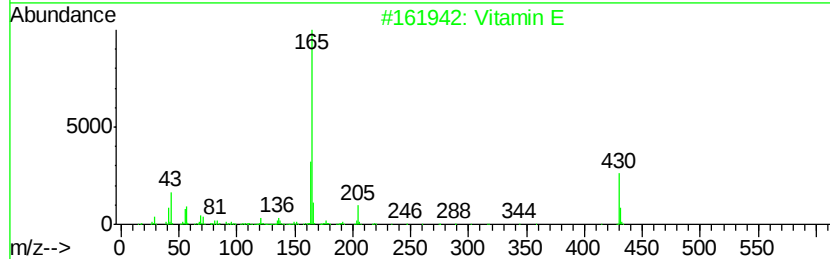
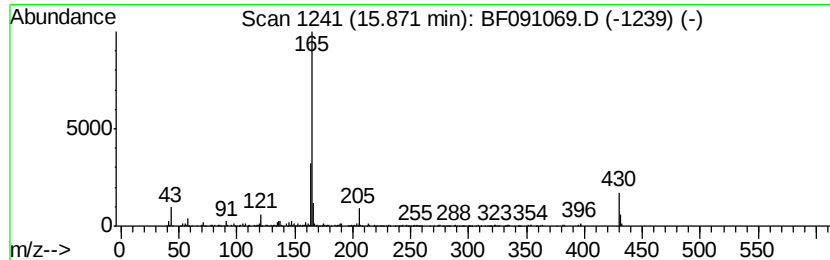
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Vitamin E Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	13.82 ng	663790	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	010191-41-0	94
2		Vitamin E	430	C29H50O2	000059-02-9	91
3		.alpha.-Tocopherol-.beta.-D-mann...	592	C35H60O7	1000156-68-2	64
4		Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	53
5		Isoxaben	332	C18H24N2O4	082558-50-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

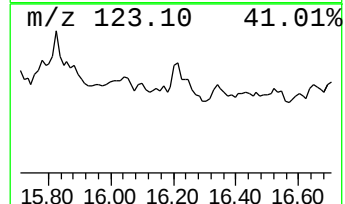
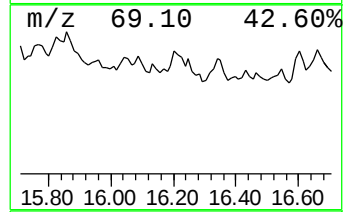
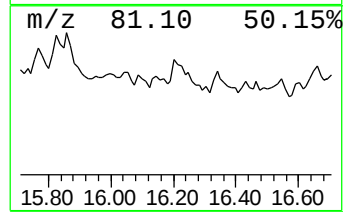
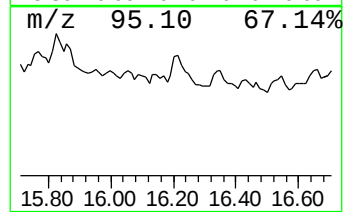
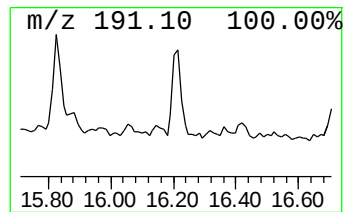
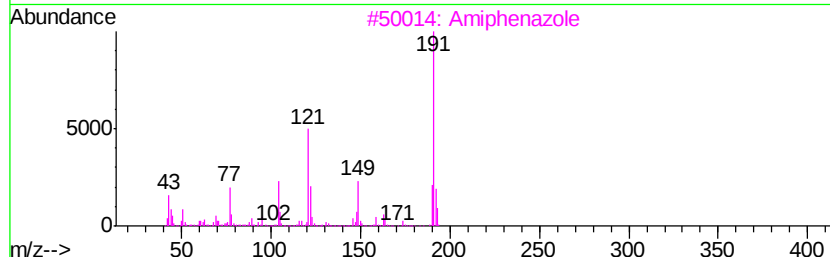
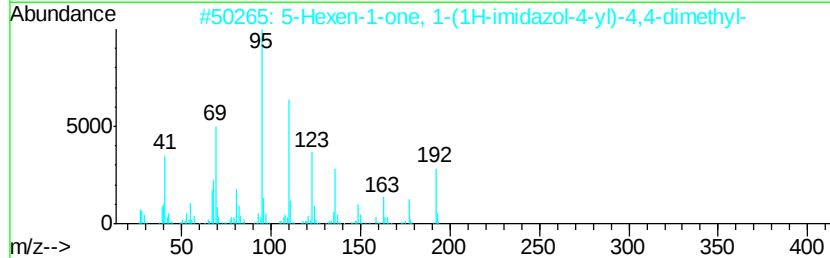
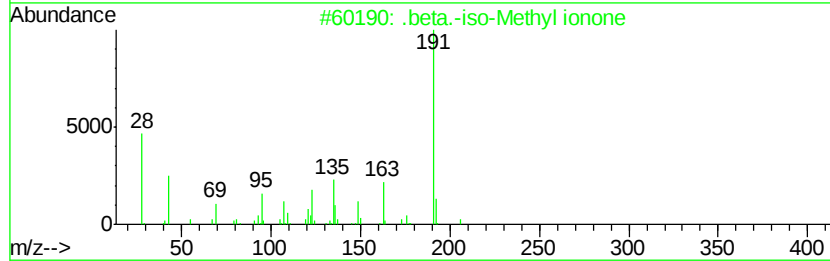
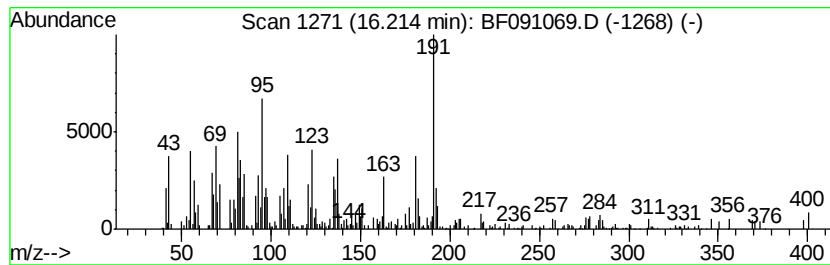
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown16.21 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	10.77 ng	517192	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2		5-Hexen-1-one, 1-(1H-imidazol-4-yl)-4,4-dimethyl-	192	C11H16N2O	069393-41-5	38
3		Amiphenazole	191	C9H9N3S	000490-55-1	30
4		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	27
5		2,4,5,5,8a-Pentamethyl-6,7,8,8a-tetrahydronaphthalen-1-ol	206	C14H22O	1000195-40-9	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
BRITTON-LAWRENCEVILLE-NJ

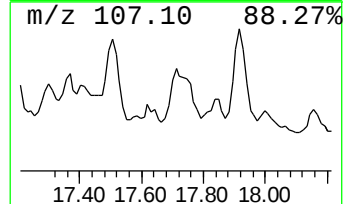
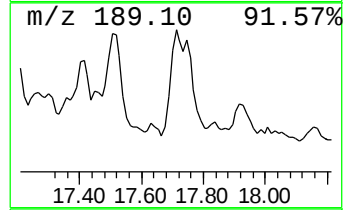
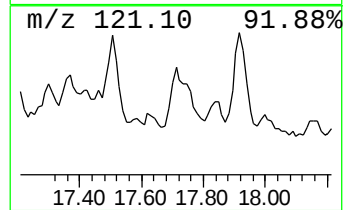
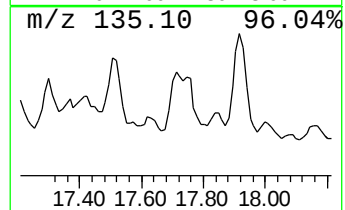
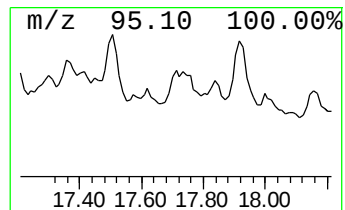
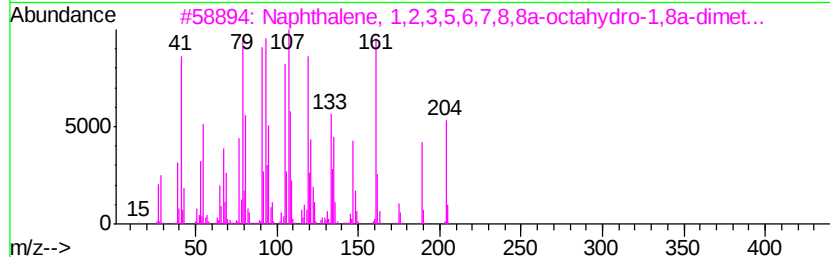
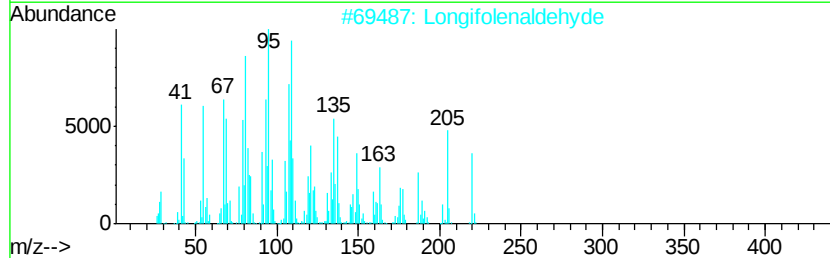
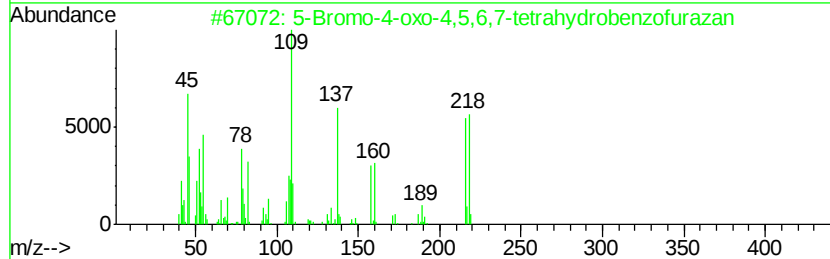
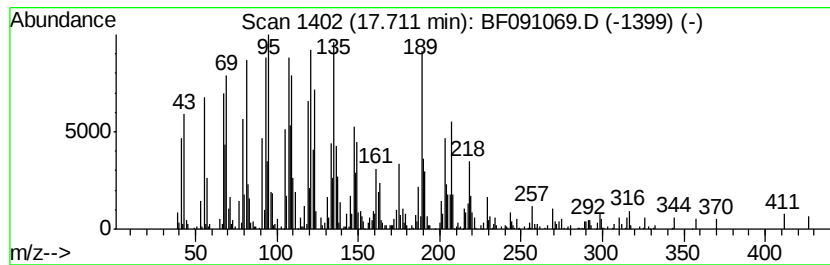
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	8.17 ng	392676	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2		Longifolenaldehyde	220	C15H24O	019890-84-7	47
3		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	46
4		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	42
5		1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
Sample : H5565-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

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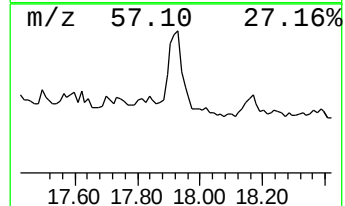
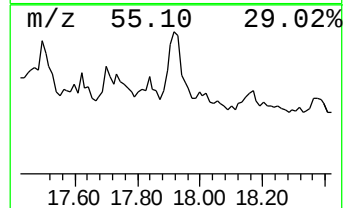
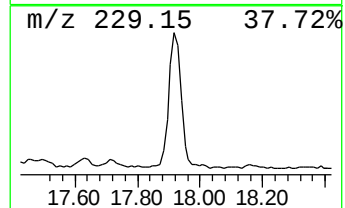
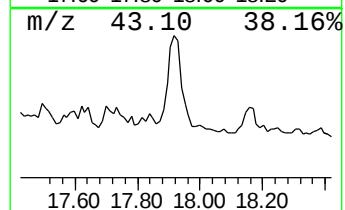
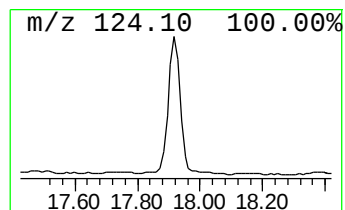
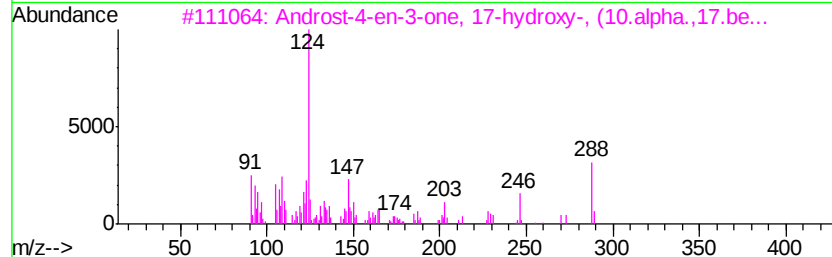
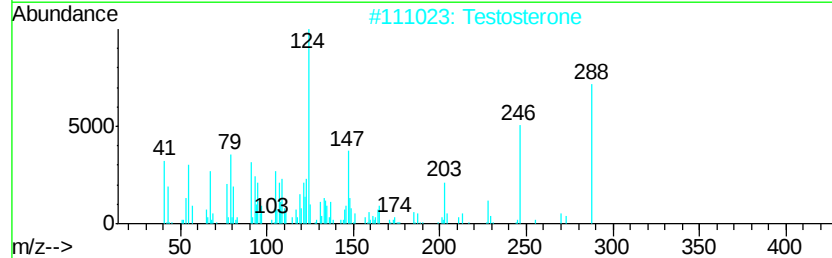
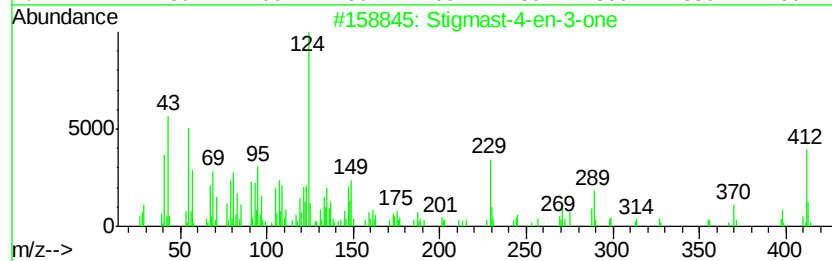
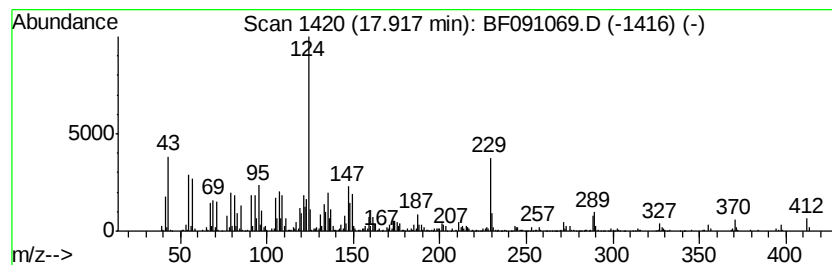
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Stigmast-4-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	30.07 ng	1444330	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	91
2		Testosterone	288	C19H28O2	000058-22-0	83
3		Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	64
4		Acetamide, 2-[2-(5-methylfuran-2-yl)-	289	C15H15N03S	1000259-79-3	43
5		1,3-Benzenediol, 5-pentyl-	180	C11H16O2	000500-66-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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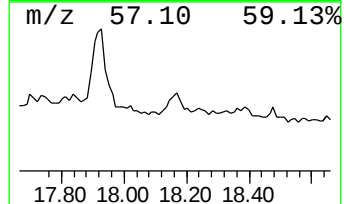
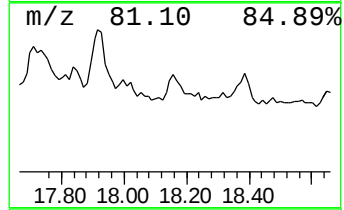
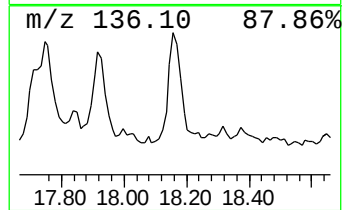
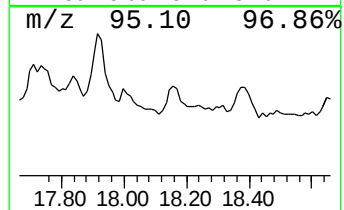
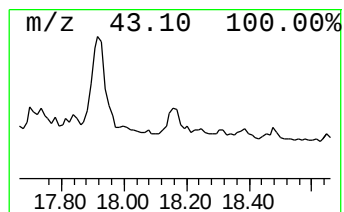
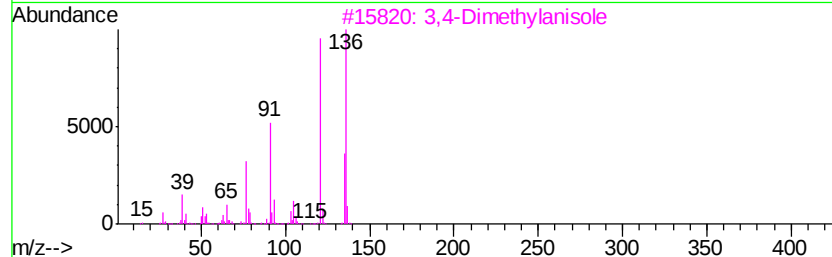
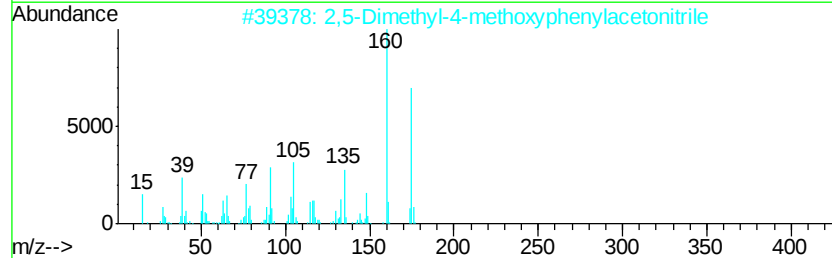
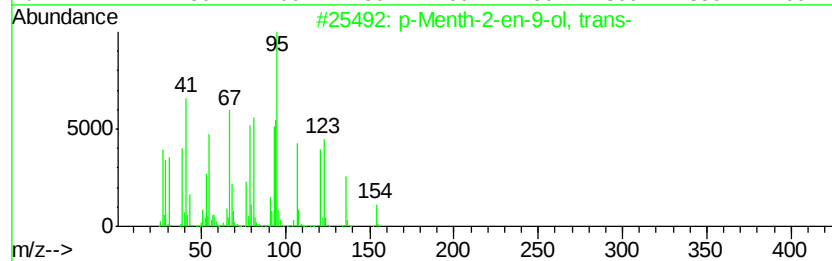
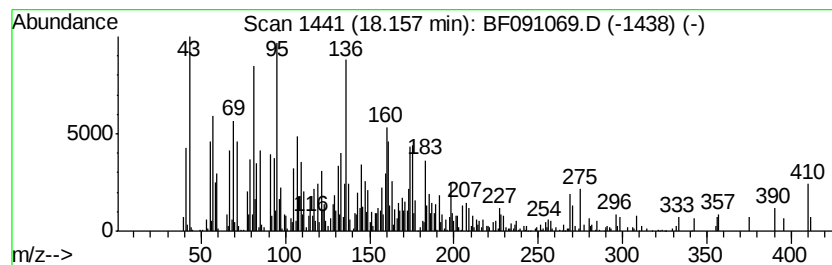
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown18.16 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	7.74 ng	371815	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Menth-2-en-9-ol, trans-	154	C10H18O	1000151-16-0	15
2		2,5-Dimethyl-4-methoxyphenylacet...	175	C11H13NO	105909-12-4	11
3		3,4-Dimethylanisole	136	C9H12O	004685-47-6	11
4		Cyclohexanol, 2-methyl-5-(1-meth...	196	C12H20O2	020777-49-5	11
5		2,3-Dimethyl-4-methoxyphenylacet...	175	C11H13NO	206559-60-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
Data File : BF091069.D
Acq On : 7 Nov 2016 21:17
Operator : UM/SJ
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ALS Vial : 21 Sample Multiplier: 1

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BRITTON-LAWRENCEVILLE-NJ

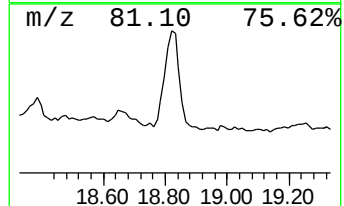
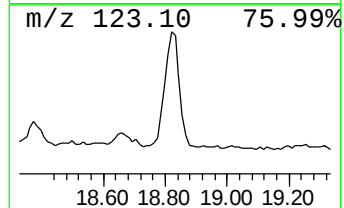
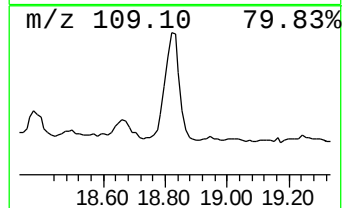
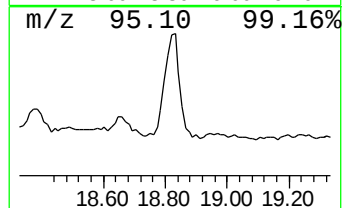
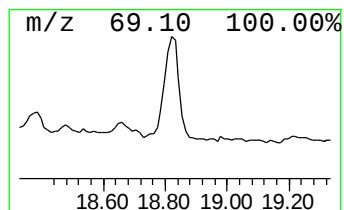
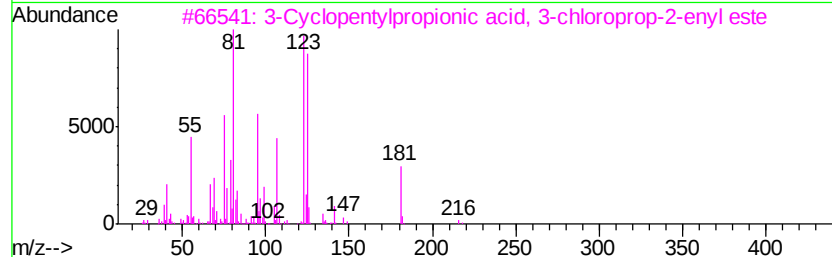
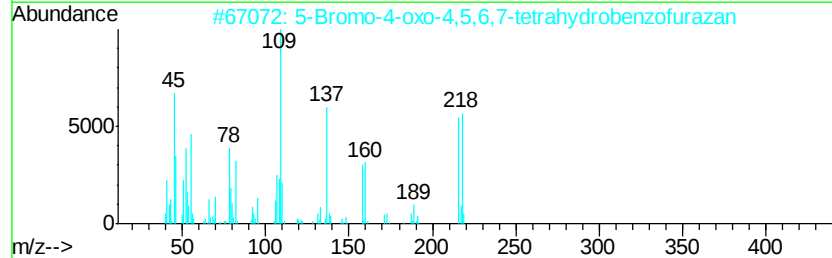
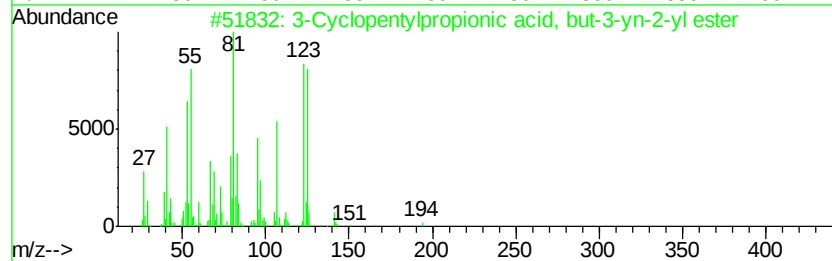
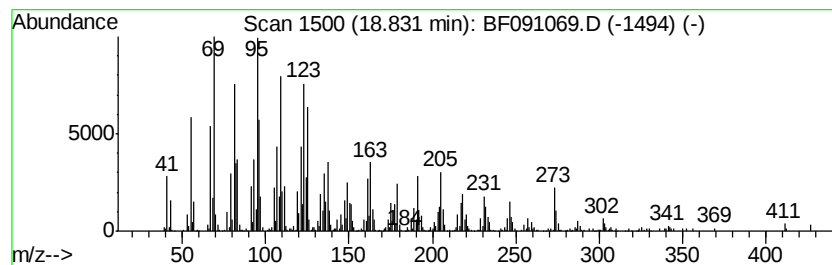
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Cyclopentylpropionic acid... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	36.29 ng	1742960	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60
2		5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3		3-Cyclopentylpropionic acid, 3-c...	216	C11H17ClO2	1000292-47-2	45
4		2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	38
5		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091069.D
 Acq On : 7 Nov 2016 21:17
 Operator : UM/SJ
 Sample : H5565-03
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRITTON-LAWRENCEVILLE-NJ

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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...	4.82	12.7	ng	818274	1	6.67	1286390	20.0
unknown6.44	6.44	67.3	ng	4329050	1	6.67	1286390	20.0
unknown11.94	11.94	7.0	ng	481776	4	11.20	1368540	20.0
18-Norabietane	12.04	7.0	ng	481805	4	11.20	1368540	20.0
4b,8-Dimethyl-2-i...	12.14	20.1	ng	1375380	4	11.20	1368540	20.0
Phytol	12.35	8.0	ng	544495	4	11.20	1368540	20.0
Cyclopentadecane	14.33	9.1	ng	1023590	5	13.83	2252360	20.0
Heneicosane	14.92	31.3	ng	1502660	6	15.22	960685	20.0
Octacosane	15.64	16.9	ng	813179	6	15.22	960685	20.0
10-Nonadecanol	15.69	10.4	ng	501549	6	15.22	960685	20.0
Vitamin E	15.87	13.8	ng	663790	6	15.22	960685	20.0
unknown16.21	16.21	10.8	ng	517192	6	15.22	960685	20.0
unknown17.51	17.51	17.1	ng	821414	6	15.22	960685	20.0
5-Bromo-4-oxo-4,5...	17.71	8.2	ng	392676	6	15.22	960685	20.0
Stigmast-4-en-3-one	17.92	30.1	ng	1444330	6	15.22	960685	20.0
unknown18.16	18.16	7.7	ng	371815	6	15.22	960685	20.0
3-Cyclopentylprop...	18.83	36.3	ng	1742960	6	15.22	960685	20.0