

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091189.D
 Acq On : 16 Nov 2016 15:48
 Operator : UM/SJ
 Sample : H5671-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RER-TOPSOIL

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	4.750	265	268	280	rBV	823036	1406685	7.93%	0.846%
2	5.207	306	308	332	rBV	3797796	4801744	27.06%	2.887%
3	6.282	399	402	409	rBV	3897474	4968512	28.00%	2.987%
4	6.396	409	412	414	rVV	3686459	5015336	28.26%	3.015%
5	6.613	429	431	441	rBV	967183	1334570	7.52%	0.802%
6	6.773	442	445	448	rBV	4042624	3798699	21.40%	2.284%
7	7.196	479	482	484	rBV	3050888	3347883	18.86%	2.013%
8	7.905	542	544	547	rBV	1738847	1791072	10.09%	1.077%
9	8.990	636	639	642	rBV	5383219	5091328	28.69%	3.061%
10	9.322	664	668	670	rBV2	84573	177801	1.00%	0.107%
11	9.390	672	674	676	rBV	680681	610121	3.44%	0.367%
12	9.653	695	697	699	rBV	1386033	1950545	10.99%	1.173%
13	9.688	699	700	703	rVV2	300438	297852	1.68%	0.179%
14	9.790	706	709	710	rBV	182114	247428	1.39%	0.149%
15	10.111	733	737	739	rBV2	114637	177888	1.00%	0.107%
16	10.373	758	760	763	rBV3	88568	179937	1.01%	0.108%
17	10.453	764	767	769	rVV	2880015	3292629	18.55%	1.980%
18	10.488	769	770	775	rVB3	156236	224322	1.26%	0.135%
19	10.579	775	778	780	rBV2	254524	369168	2.08%	0.222%
20	11.025	814	817	819	rBV	180653	221772	1.25%	0.133%
21	11.139	823	827	830	rBV	1982611	2081333	11.73%	1.251%
22	11.185	830	831	832	rVV	366013	320925	1.81%	0.193%
23	11.208	832	833	835	rVB	318562	425979	2.40%	0.256%
24	11.288	838	840	842	rBV	235034	228780	1.29%	0.138%
25	11.379	846	848	852	rBV3	258337	434458	2.45%	0.261%
26	11.516	857	860	867	rVB5	84732	274336	1.55%	0.165%
27	11.619	867	869	870	rBV	217642	203830	1.15%	0.123%
28	11.654	870	872	873	rVB	343806	340500	1.92%	0.205%
29	11.711	873	877	879	rBV	911832	1499645	8.45%	0.902%
30	11.825	884	887	889	rBV2	631582	623865	3.52%	0.375%
31	12.202	918	920	926	rVB3	491308	674680	3.80%	0.406%
32	12.294	926	928	931	rBV	1171955	1754211	9.88%	1.055%
33	12.351	931	933	935	rBV	253468	241488	1.36%	0.145%
34	12.431	935	940	944	rBV	2852483	5867583	33.06%	3.528%

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35	12.499	944	946	949	rVV3	467615	822549	4.63%	0.495%
36	12.579	951	953	955	rVB	273949	368833	2.08%	0.222%
37	12.728	964	966	969	rBV	3990968	3984739	22.45%	2.396%
38	12.968	984	987	989	rBV3	197801	347526	1.96%	0.209%
39	13.128	999	1001	1002	rBV	313022	359322	2.02%	0.216%
40	13.151	1002	1003	1005	rVV	458016	623715	3.51%	0.375%
41	13.185	1005	1006	1009	rVV	633192	728078	4.10%	0.438%
42	13.642	1043	1046	1049	rBV	990584	1201732	6.77%	0.723%
43	13.711	1049	1052	1054	rVV	187232	254320	1.43%	0.153%
44	13.779	1055	1058	1063	rVB2	1026722	1673276	9.43%	1.006%
45	13.962	1072	1074	1075	rVB	204192	195571	1.10%	0.118%
46	14.179	1091	1093	1096	rVB3	126383	186147	1.05%	0.112%
47	14.271	1099	1101	1104	rVV	1948028	2294033	12.93%	1.379%
48	14.465	1116	1118	1121	rBV2	128604	314505	1.77%	0.189%
49	14.511	1121	1122	1124	rVV	269088	408918	2.30%	0.246%
50	14.557	1124	1126	1129	rVV	408807	676291	3.81%	0.407%
51	14.625	1129	1132	1135	rVV	3044700	3292750	18.55%	1.980%
52	14.694	1136	1138	1141	rVV2	173232	282532	1.59%	0.170%
53	14.751	1141	1143	1146	rVV2	385753	917408	5.17%	0.552%
54	14.820	1146	1149	1150	rVV	373937	730714	4.12%	0.439%
55	14.865	1150	1153	1163	rVB	4636495	7422703	41.83%	4.463%
56	15.082	1170	1172	1176	rVV2	369020	654452	3.69%	0.393%
57	15.151	1176	1178	1180	rVV	834910	1138487	6.42%	0.685%
58	15.185	1180	1181	1186	rVV2	497735	727532	4.10%	0.437%
59	15.265	1186	1188	1191	rVB2	182985	322048	1.81%	0.194%
60	15.391	1198	1199	1203	rVB	232690	378397	2.13%	0.228%
61	15.471	1203	1206	1209	rVB2	527567	987018	5.56%	0.593%
62	15.574	1211	1215	1217	rVV	4191087	7240711	40.80%	4.354%
63	15.608	1217	1218	1222	rVB	591649	873190	4.92%	0.525%
64	15.677	1222	1224	1226	rBV	194601	292023	1.65%	0.176%
65	15.791	1231	1234	1239	rVB2	1542575	2770810	15.61%	1.666%
66	15.997	1250	1252	1257	rVB	167604	293617	1.65%	0.177%
67	16.248	1272	1274	1280	rVB5	109990	301384	1.70%	0.181%
68	16.454	1287	1292	1294	rBV3	707086	1805392	10.17%	1.085%
69	16.511	1294	1297	1299	rVV	1002207	2042245	11.51%	1.228%
70	16.591	1301	1304	1307	rVV	718734	1587500	8.95%	0.954%
71	16.694	1309	1313	1317	rVB4	463203	1403060	7.91%	0.844%

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72	16.968	1327	1337	1341	rBV3	3823272	17746899	100.00%	10.670%
73	17.083	1345	1347	1353	rVV	977450	2716599	15.31%	1.633%
74	17.186	1353	1356	1358	rVV2	412944	1077451	6.07%	0.648%
75	17.300	1361	1366	1371	rVV	2157537	8732736	49.21%	5.251%
76	17.391	1371	1374	1379	rVB3	1713841	4794033	27.01%	2.882%
77	17.608	1387	1393	1400	rBV4	2133483	10504495	59.19%	6.316%
78	17.711	1400	1402	1405	rVV	927181	2132740	12.02%	1.282%
79	17.780	1405	1408	1412	rVB2	729612	1761217	9.92%	1.059%
80	17.860	1412	1415	1424	rVB3	410006	1427828	8.05%	0.858%
81	18.077	1424	1434	1439	rBV3	994005	4137986	23.32%	2.488%
82	18.168	1439	1442	1445	rBV4	110894	253276	1.43%	0.152%
83	18.500	1466	1471	1478	rVB	712958	2357488	13.28%	1.417%
84	18.660	1479	1485	1492	rVB	1231939	3820422	21.53%	2.297%
85	19.026	1513	1517	1524	rBV5	160107	675434	3.81%	0.406%

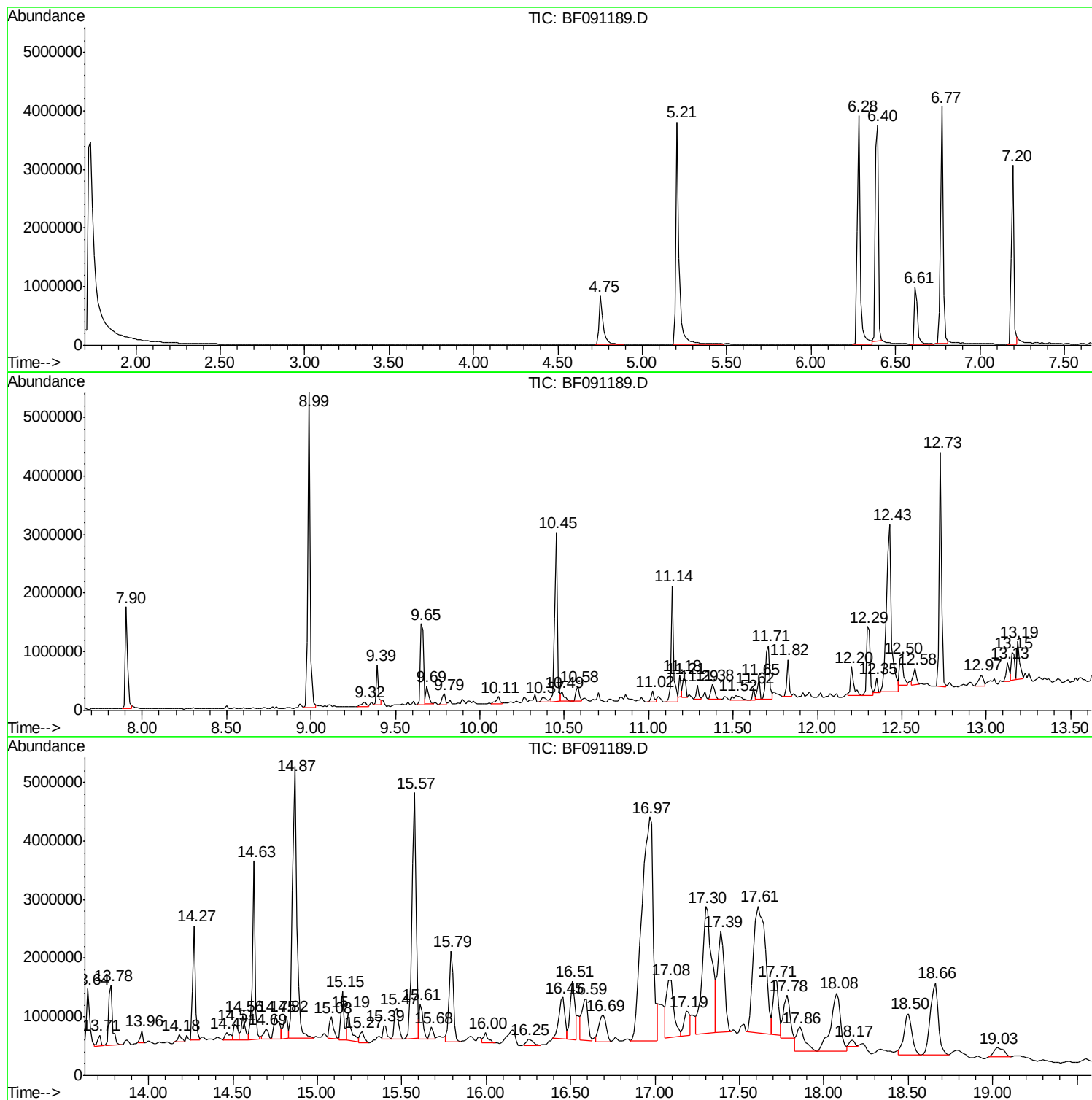
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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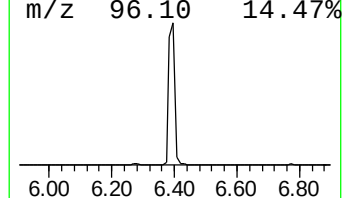
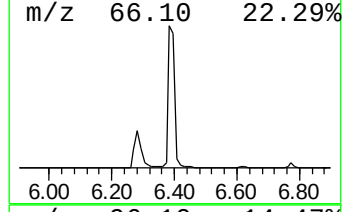
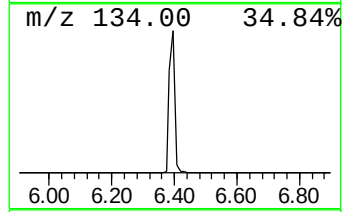
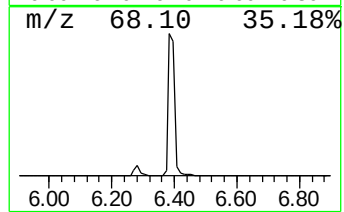
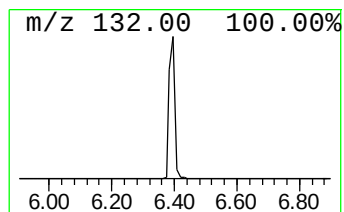
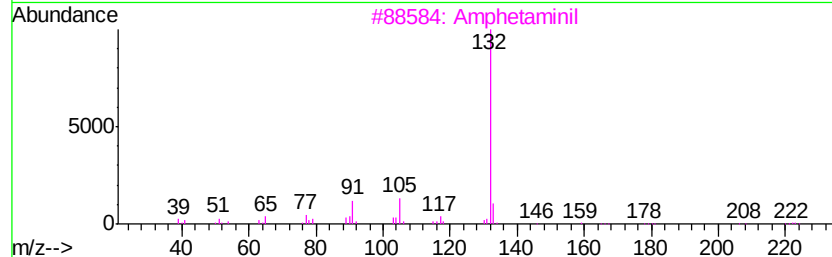
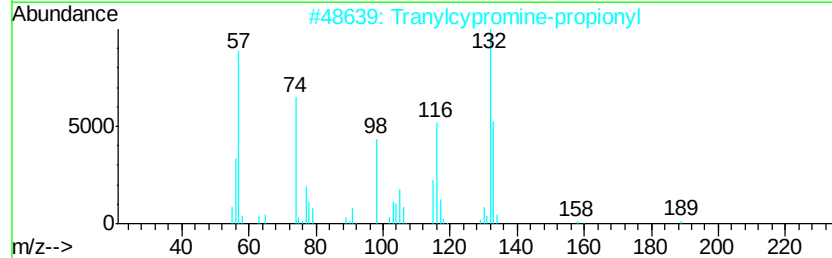
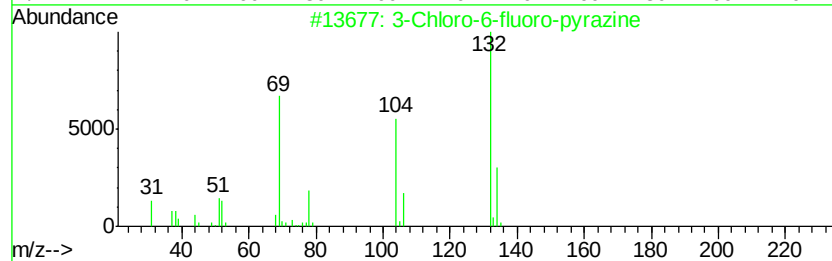
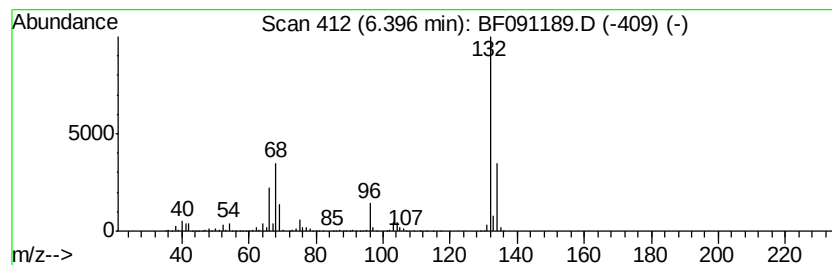
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	75.16 ng	5015340	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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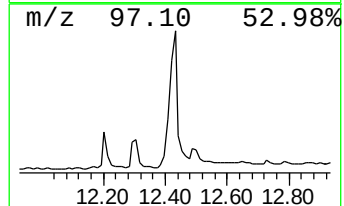
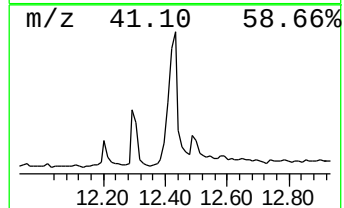
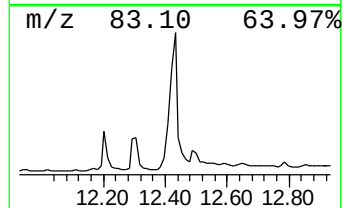
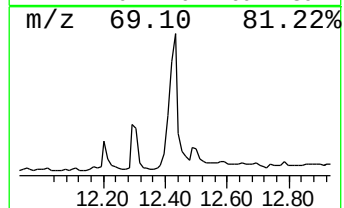
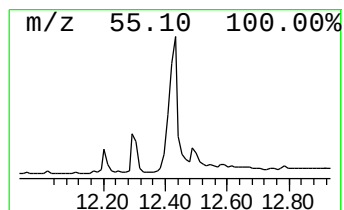
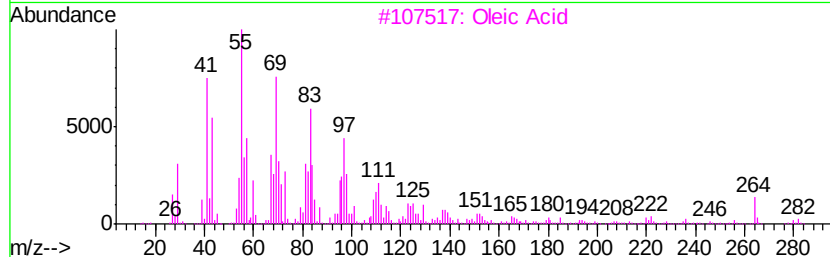
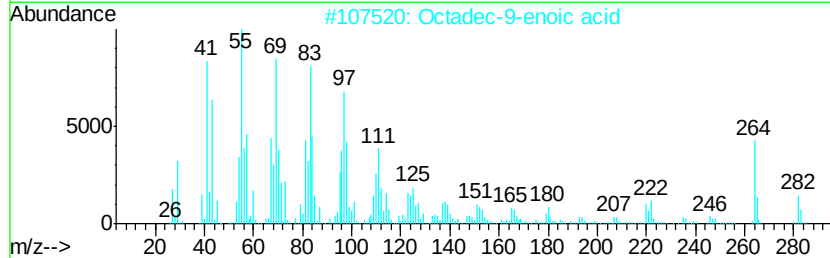
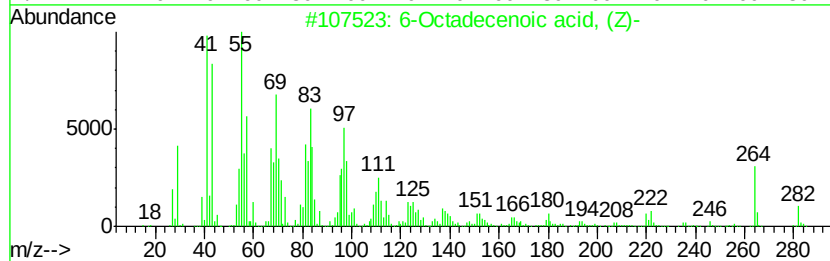
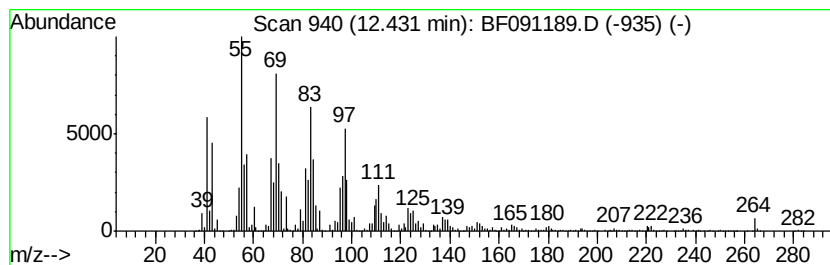
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 6-Octadecenoic acid, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.43	56.38 ng	5867580	Phenanthrene-d10	11.14		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	95	
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	91	
3	Oleic Acid	282	C18H34O2	000112-80-1	91	
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90	
5	Cyclododecanemethanol	198	C13H26O	001892-12-2	62	



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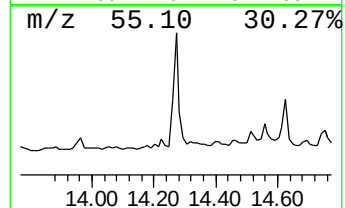
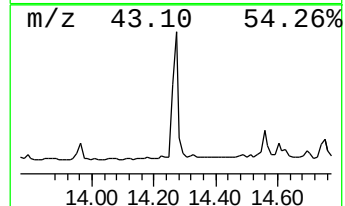
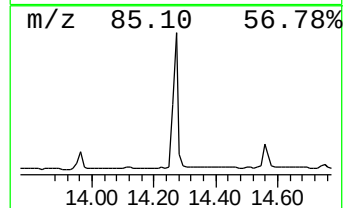
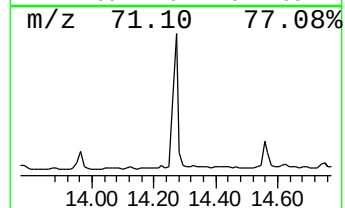
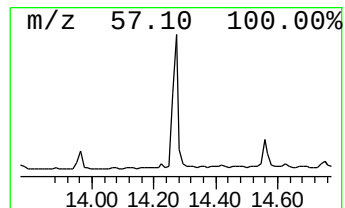
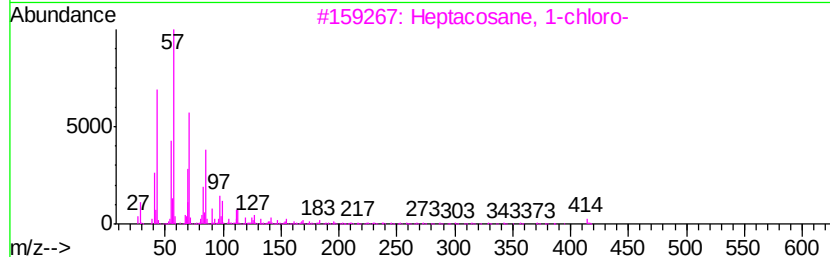
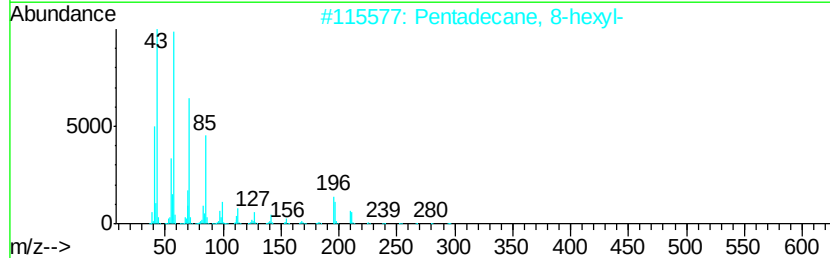
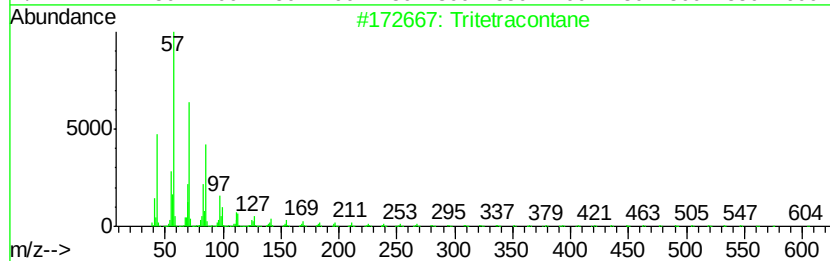
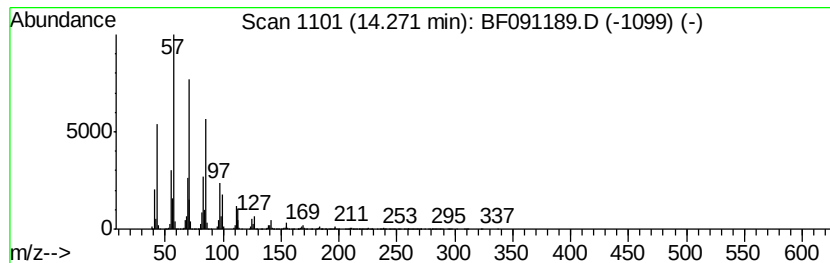
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tritetracontane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	27.42 ng	2294030	Chrysene-d12	13.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4		Octadecane	254	C18H38	000593-45-3	74
5		Heneicosane	296	C21H44	000629-94-7	74



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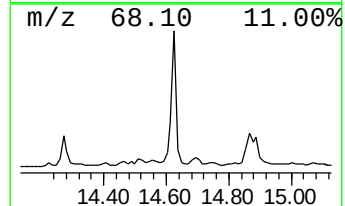
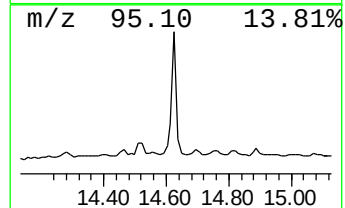
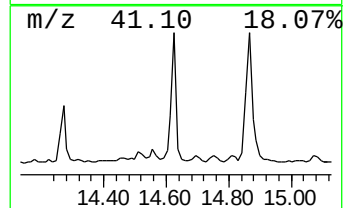
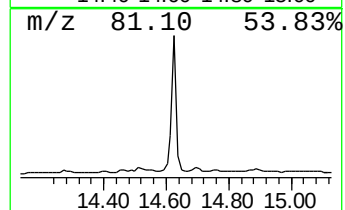
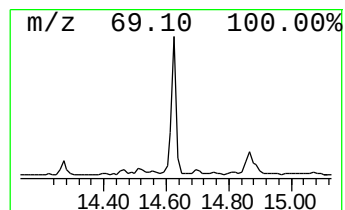
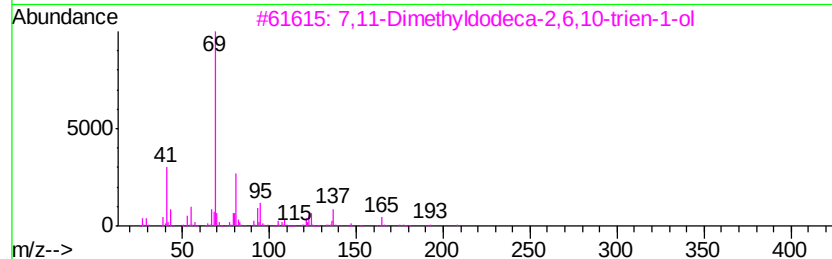
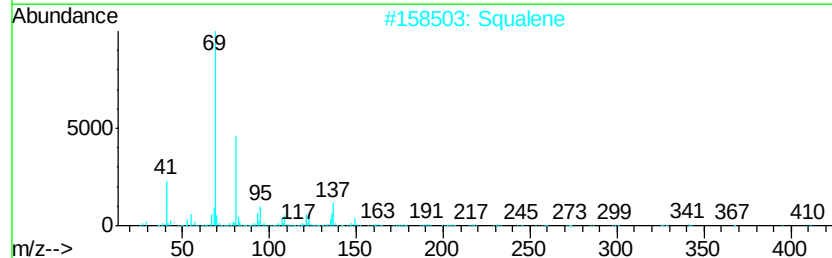
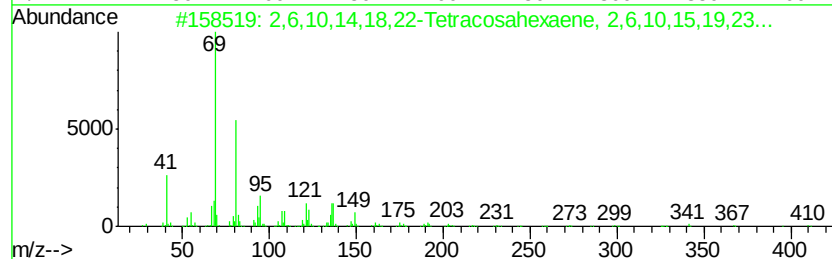
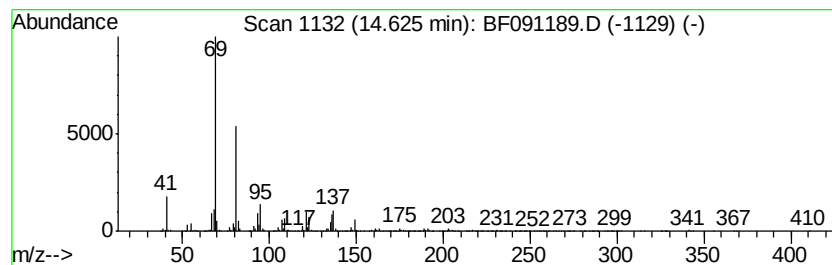
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	57.84 ng	3292750	Perylene-d12	15.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	98		
2	Squalene	410	C30H50	007683-64-9	91		
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H240	125529-10-4	72		
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H260	004602-84-0	64		
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H2802	004128-17-0	64		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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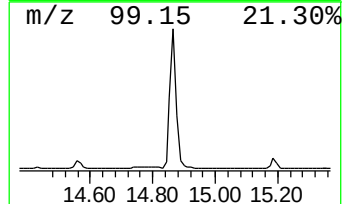
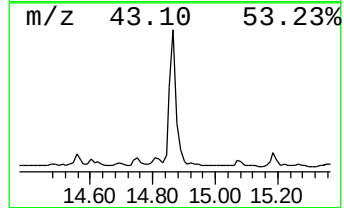
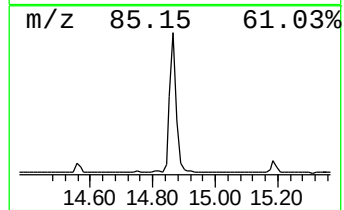
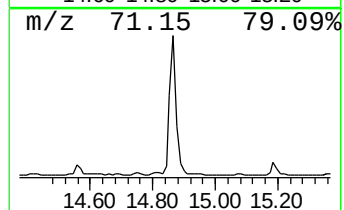
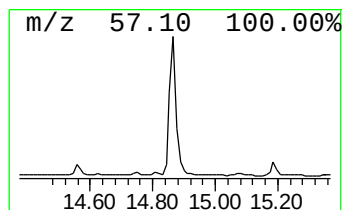
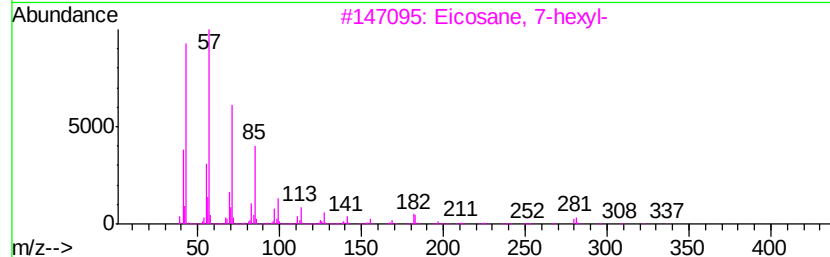
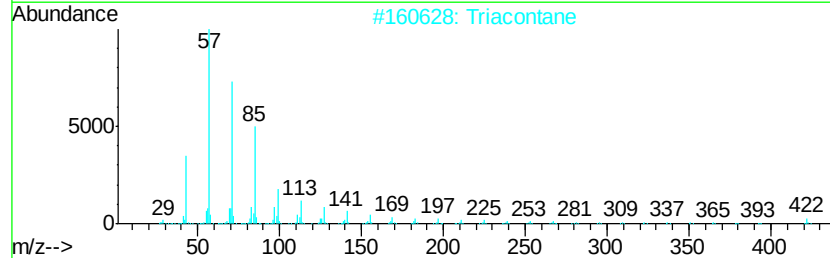
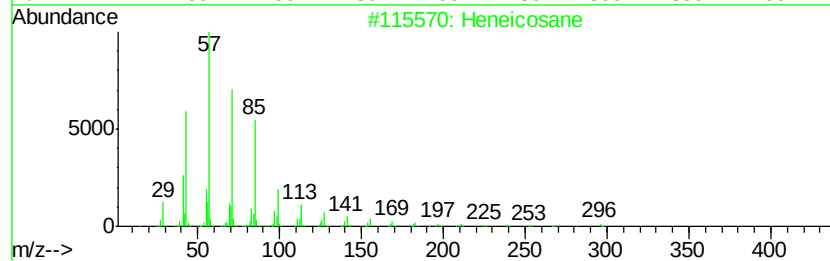
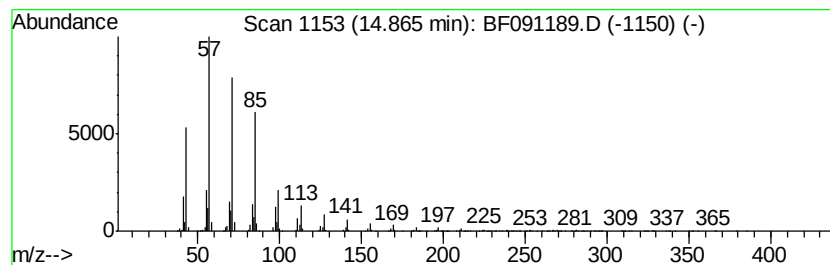
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	130.40 ng	7422700	Perylene-d12	15.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacontane		422	C30H62	000638-68-6	90
3	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90
4	Tetratriacontane		479	C34H70	014167-59-0	87
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
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Misc :
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ClientSampleId :
RER-TOPSOIL

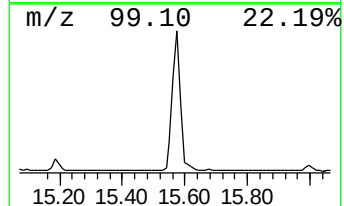
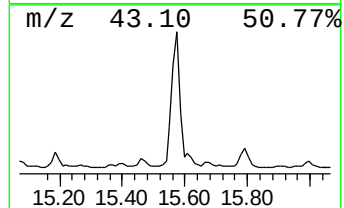
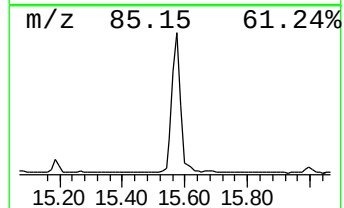
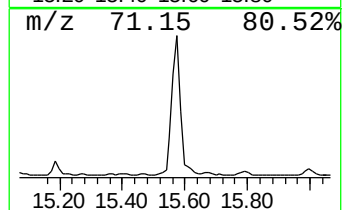
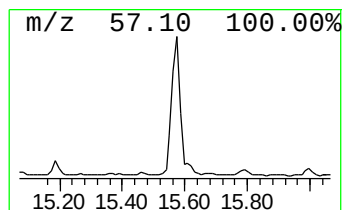
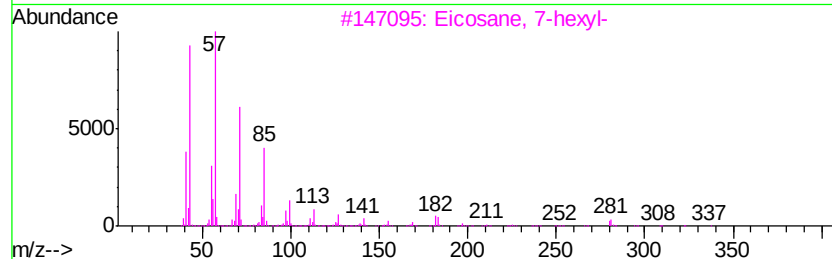
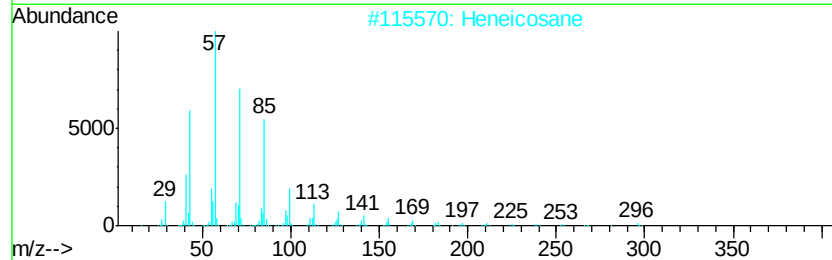
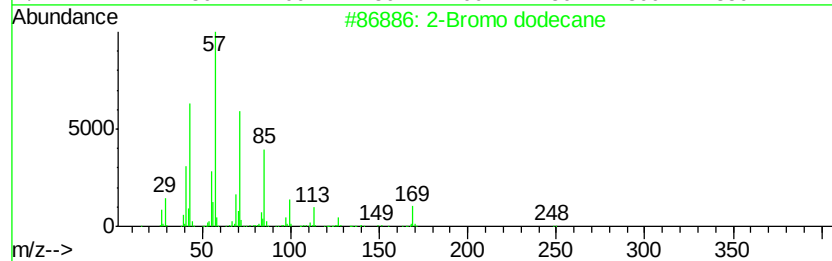
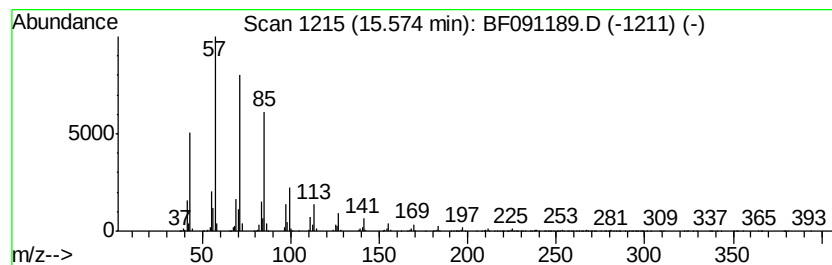
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	127.20 ng	7240710	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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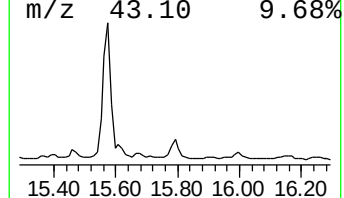
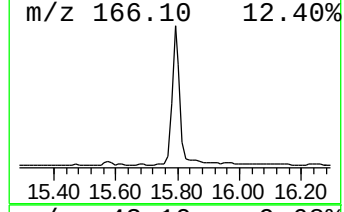
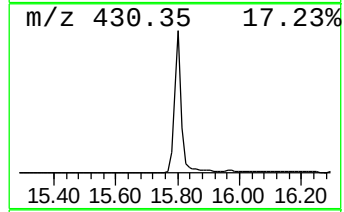
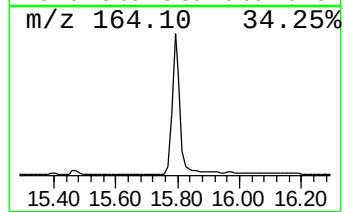
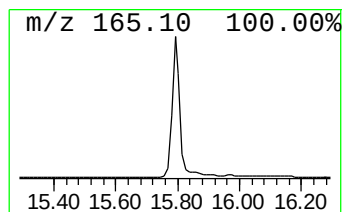
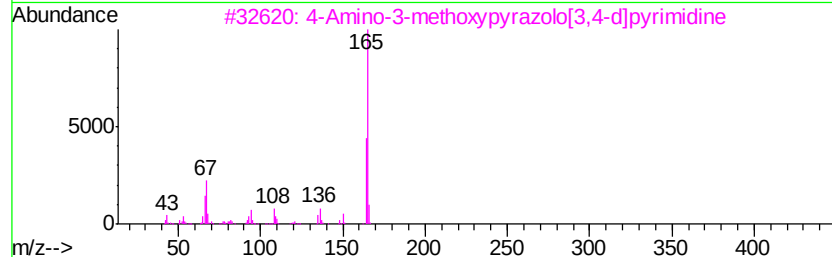
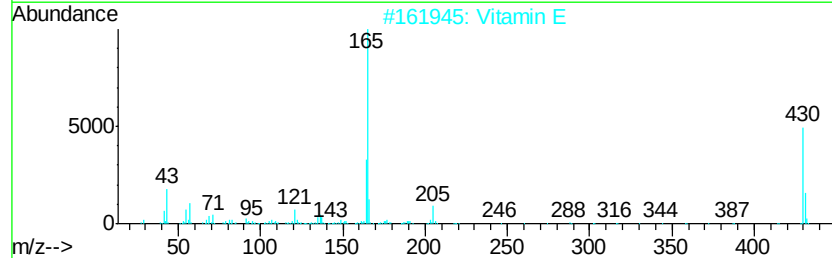
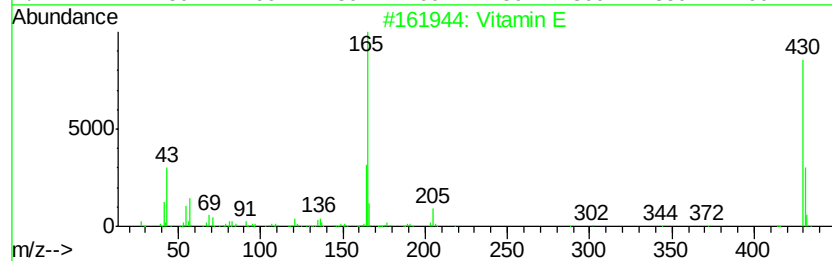
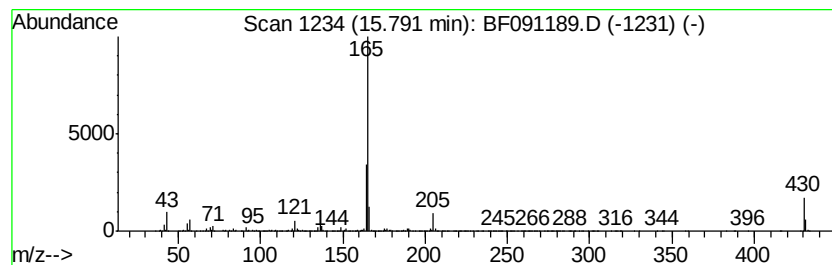
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Vitamin E Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	48.68 ng	2770810	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Vitamin E	430	C29H50O2	010191-41-0	97
2		Vitamin E	430	C29H50O2	000059-02-9	95
3		4-Amino-3-methoxypyrazolo[3,4-d]...	165	C6H7N5O	111375-22-5	59
4		Piperazine, 1-(3,4-dimethoxybenz...	430	C26H26N2O4	333756-87-9	53
5		Benzenamine, 3-methoxy-2,4,6-tri...	165	C10H15NO	034874-88-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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Misc :
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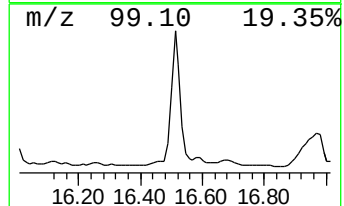
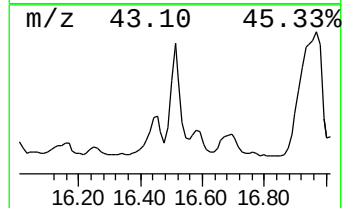
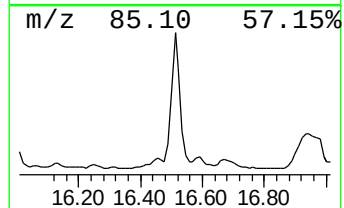
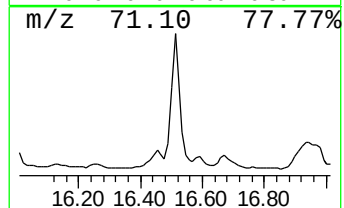
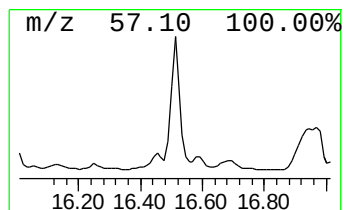
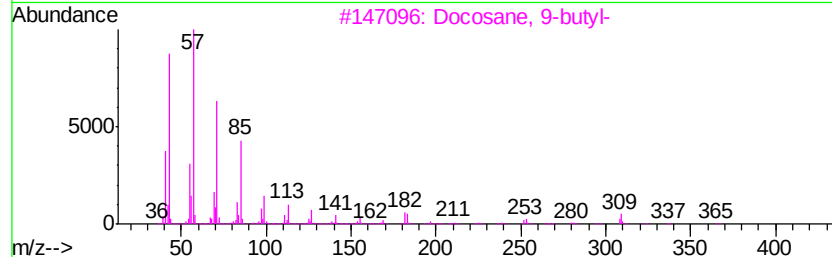
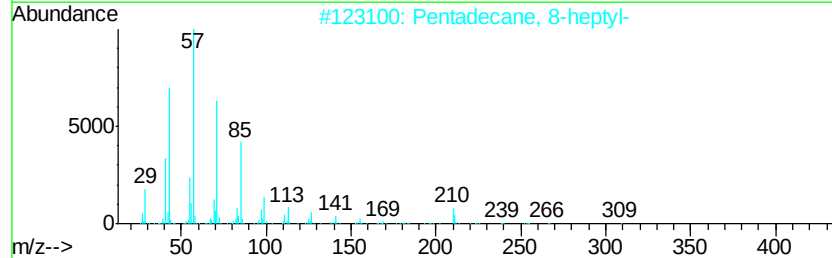
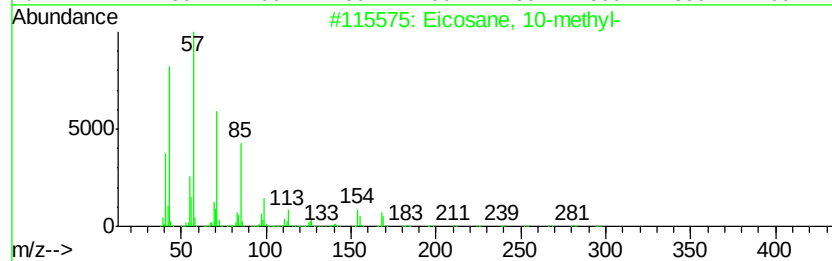
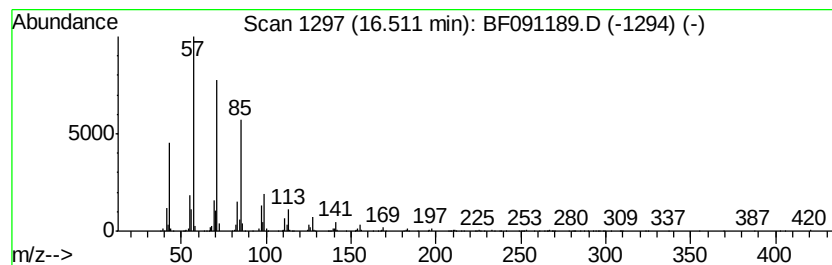
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	35.88 ng	2042250	Perylene-d12	15.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93	
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91	
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	90	
4	Heptacosane	380	C27H56	000593-49-7	90	
5	Heneicosane	296	C21H44	000629-94-7	90	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
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Misc :
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ClientSampleId :
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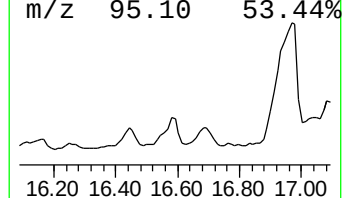
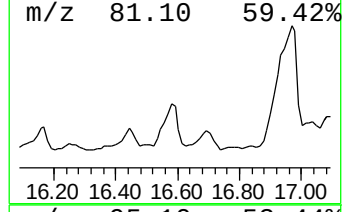
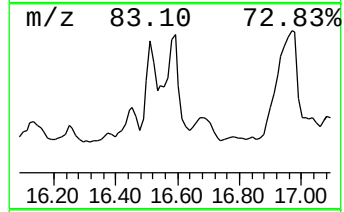
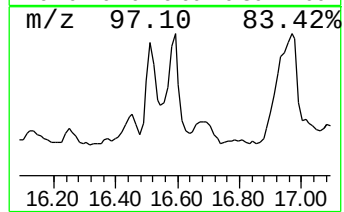
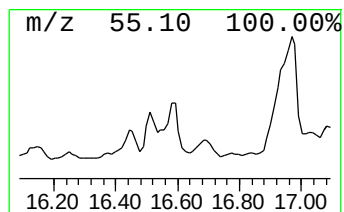
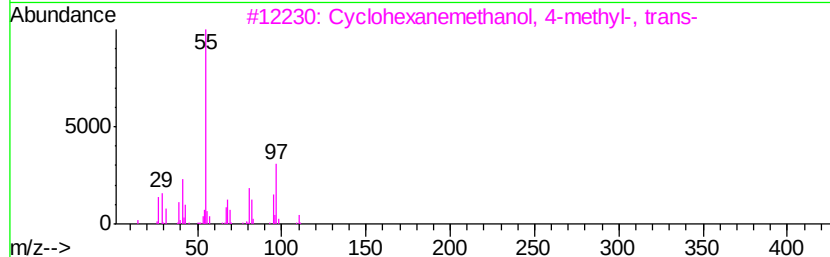
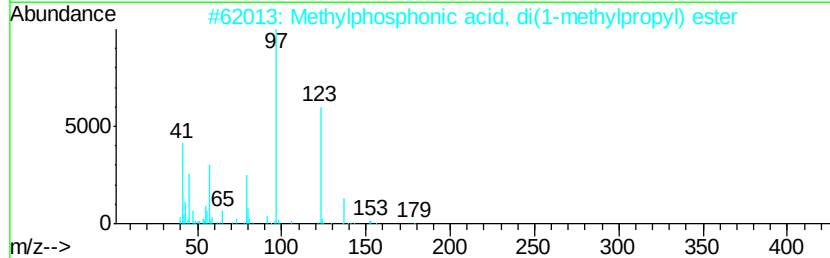
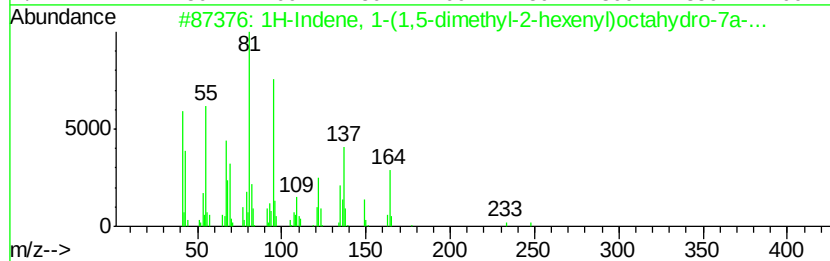
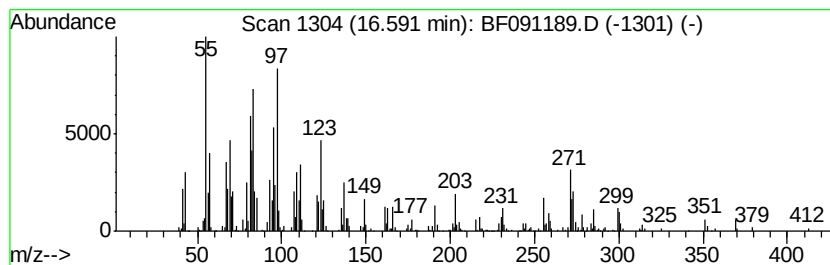
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.59 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	27.89 ng	1587500	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	44
2		Methylphosphonic acid, di(1-meth...	208	C9H21O3P	022668-63-9	35
3		Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-49-3	35
4		22-Stigmasten-3-one	412	C29H48O	004736-95-2	27
5		Cyclododecanemethanol	198	C13H26O	001892-12-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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Acq On : 16 Nov 2016 15:48
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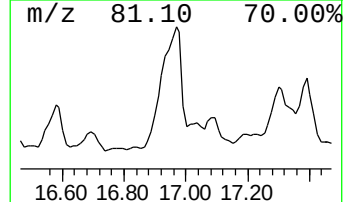
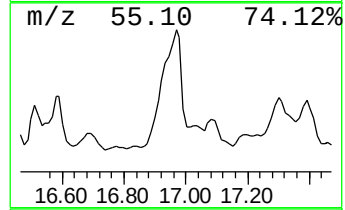
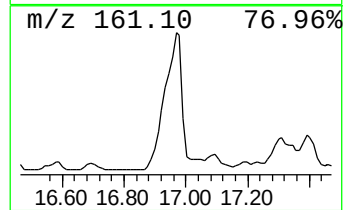
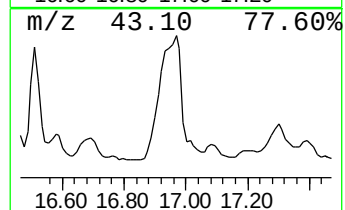
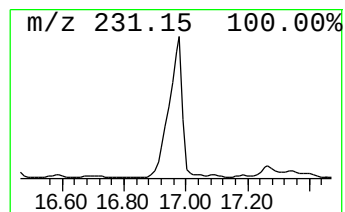
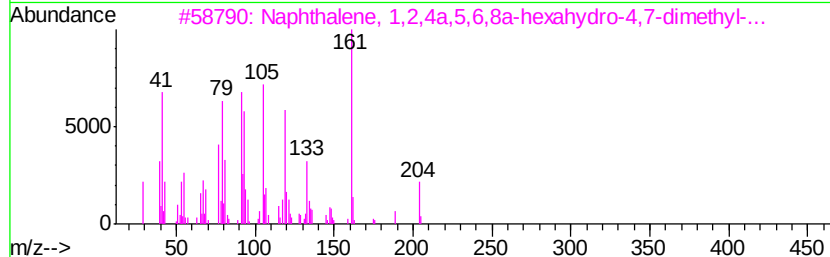
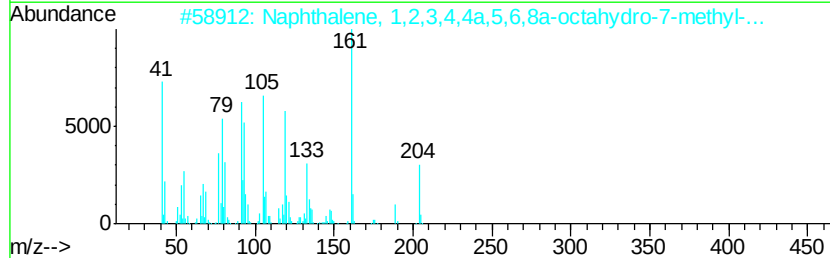
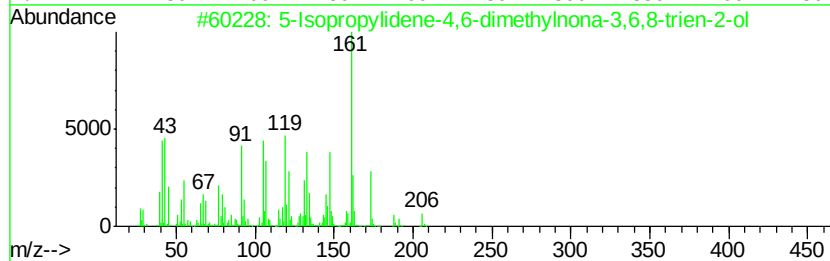
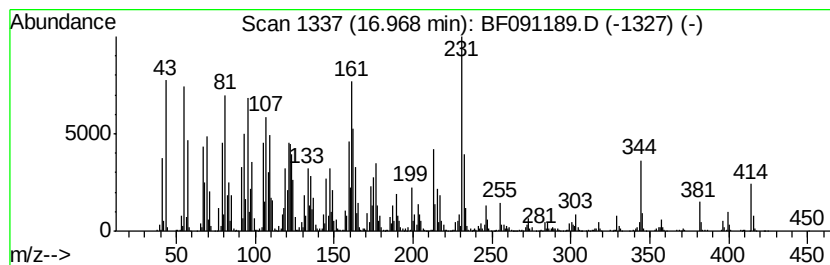
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	311.76 ng	17746900	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Isopropylidene-4,6-dimethylnon...	206	C14H22O	1000195-14-9	25
2		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	15
3		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	15
4		Pyrimido[5,4-b]pyrido[3,2-d]thie...	231	C11H9N3OS	201681-22-3	15
5		4-Acetamido-6-methoxy-8-aminoqui...	231	C12H13N3O2	063456-99-5	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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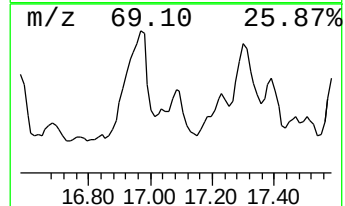
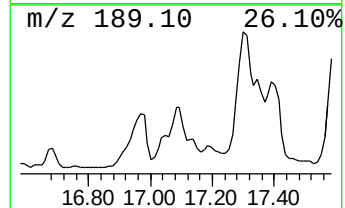
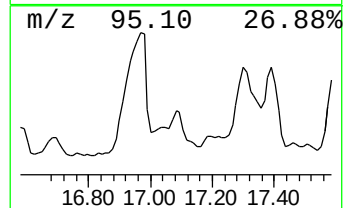
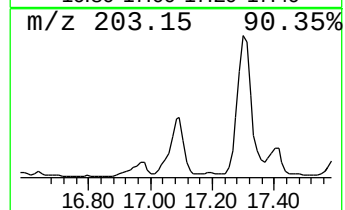
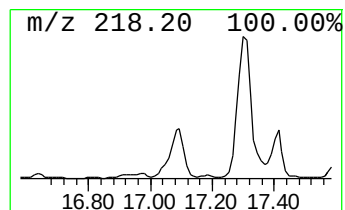
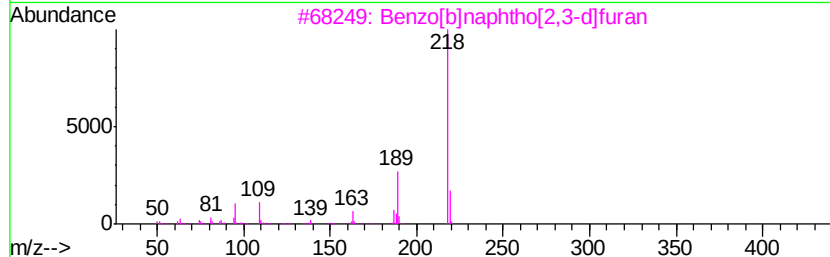
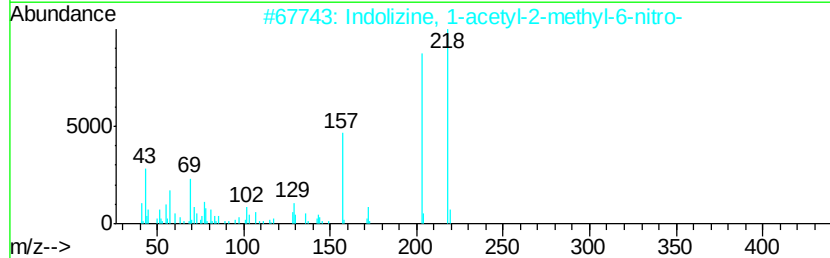
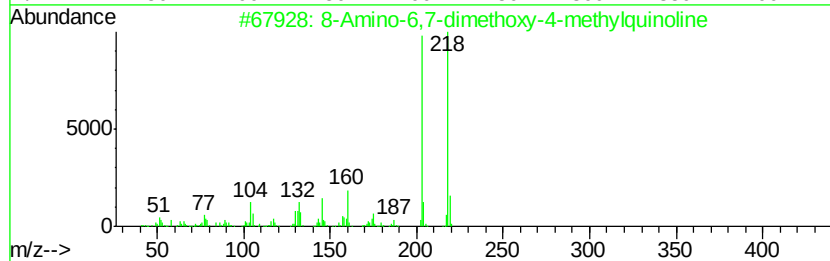
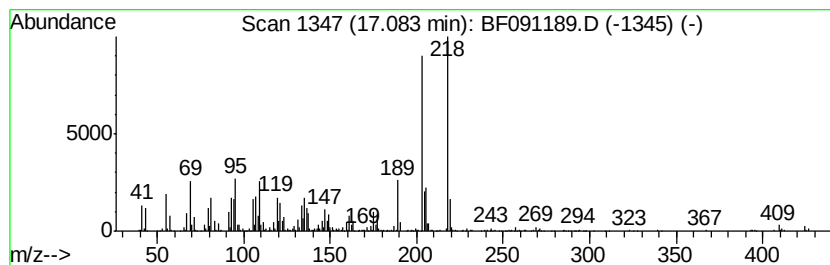
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	47.72 ng	2716600	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	49
2		Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	47
3		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	45
4		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	43
5		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

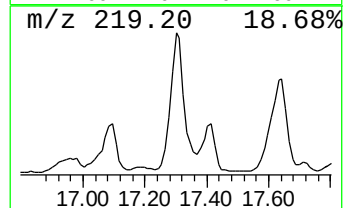
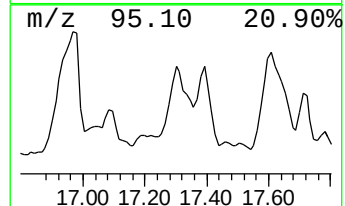
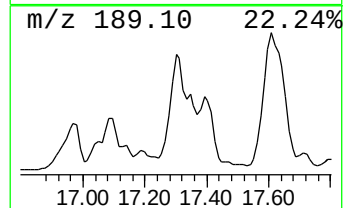
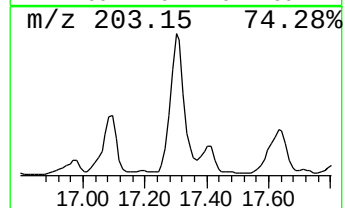
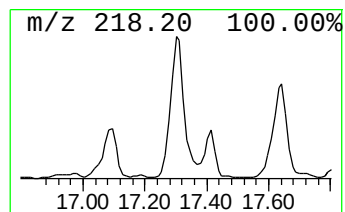
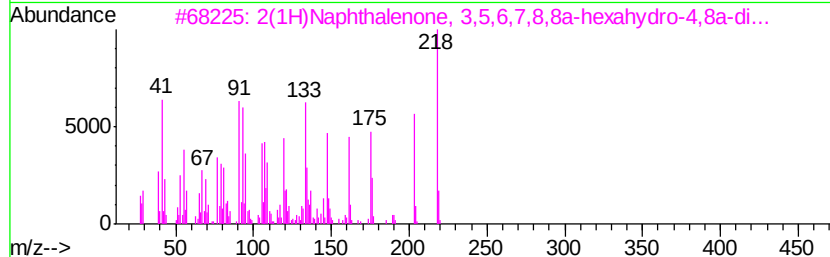
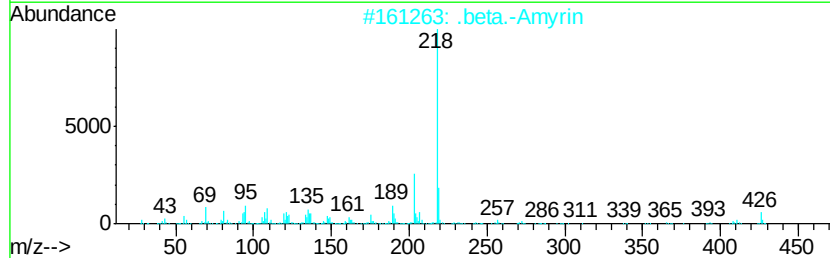
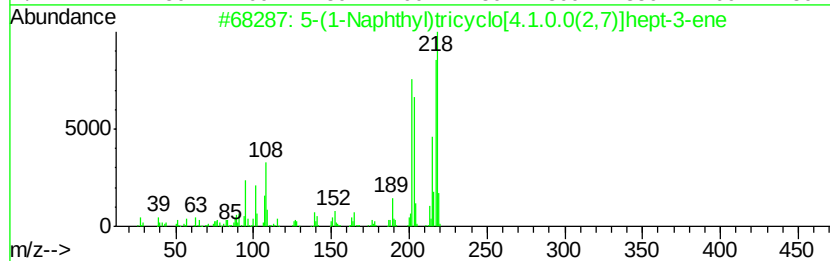
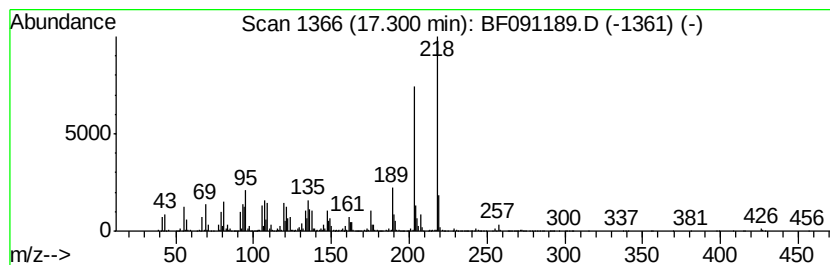
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5-(1-Naphthyl)tricyclo[4.1.... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.30	153.41 ng	8732740	Perylene-d12	15.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	72	
2	.beta.-Amyrin	426	C30H500	000559-70-6	58	
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H220	1000188-66-5	58	
4	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H480	1000194-62-4	49	
5	2,4(1H,3H)-Quinazolidinedione, 1,3...	218	C12H14N2O2	002049-84-5	49	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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Acq On : 16 Nov 2016 15:48
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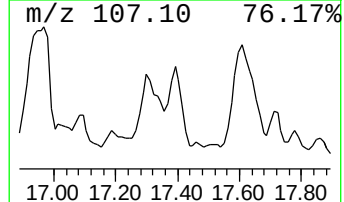
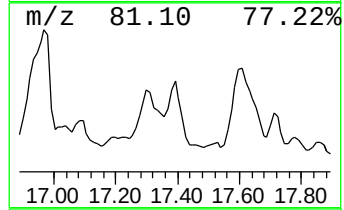
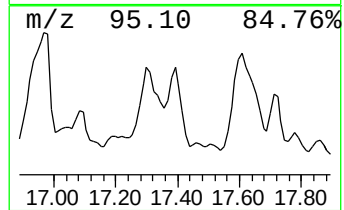
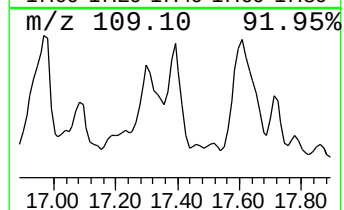
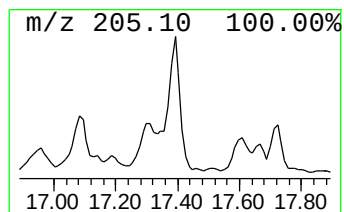
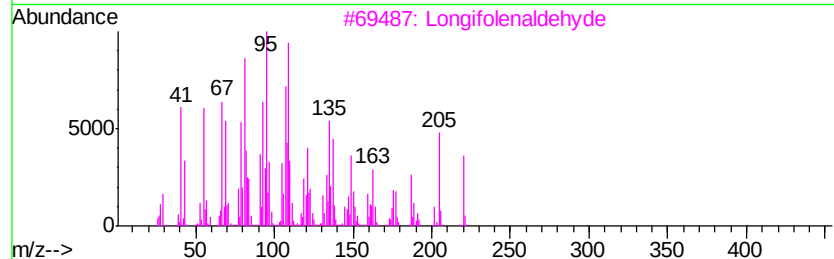
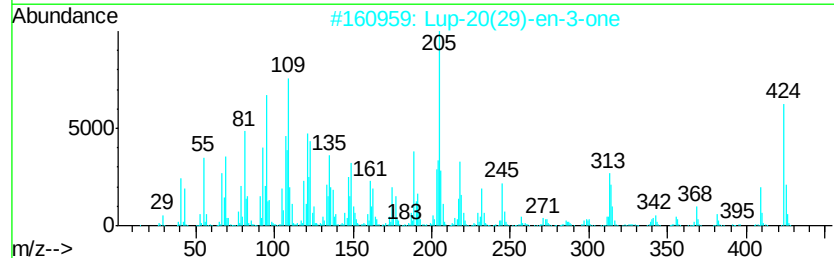
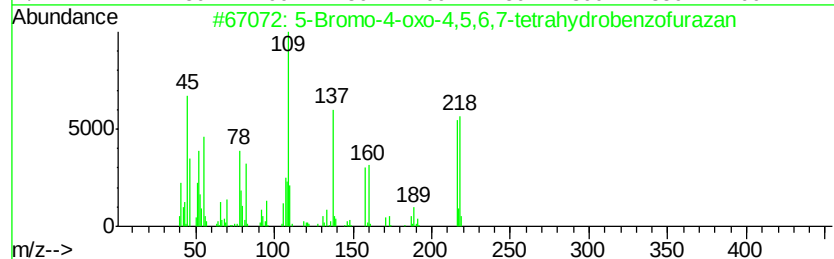
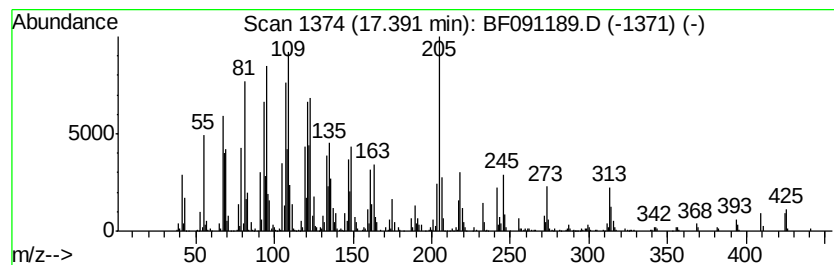
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	84.22 ng	4794030	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	93
2		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	70
3		Longifolenaldehyde	220	C15H24O	019890-84-7	53
4		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	30
5		2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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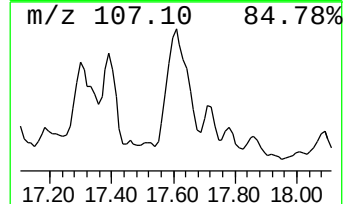
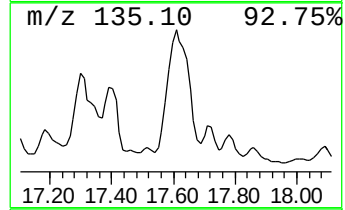
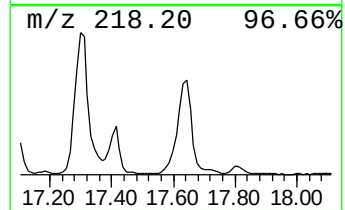
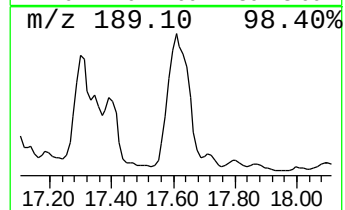
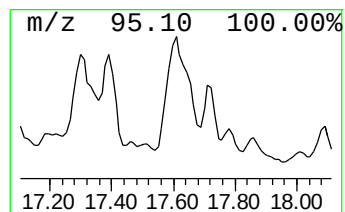
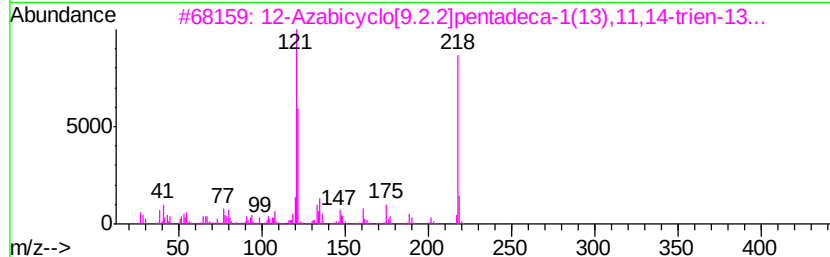
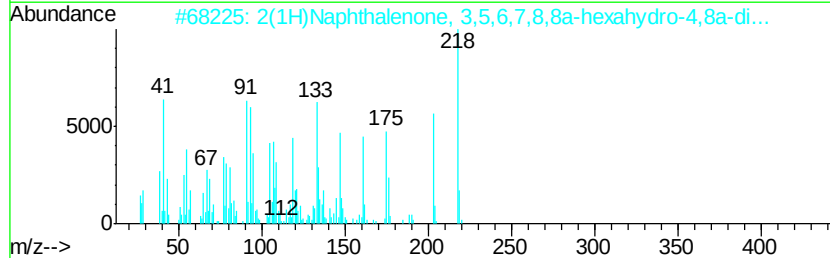
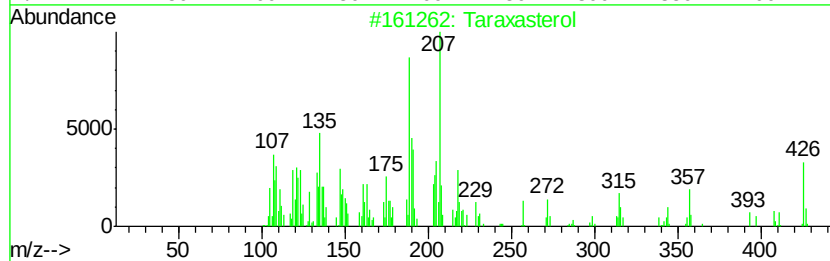
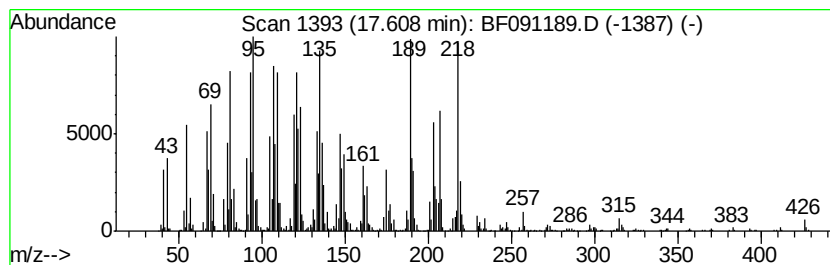
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown17.61 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	184.53 ng	10504500	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Taraxasterol	426	C30H50O	001059-14-9	40
2		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	35
3		12-Azabicyclo[9.2.2]pentadeca-1(...	218	C14H22N2	1000185-25-0	30
4		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	25
5		Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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Misc :
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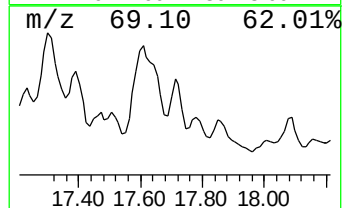
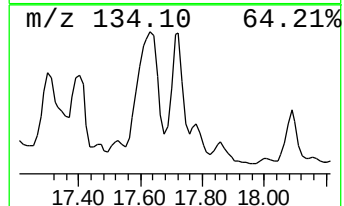
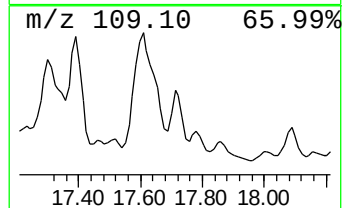
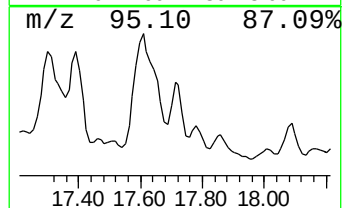
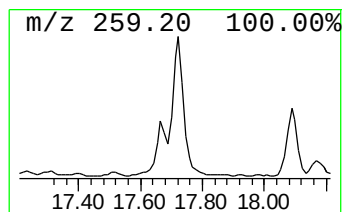
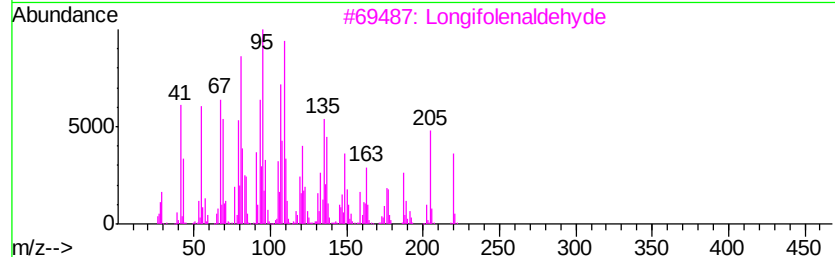
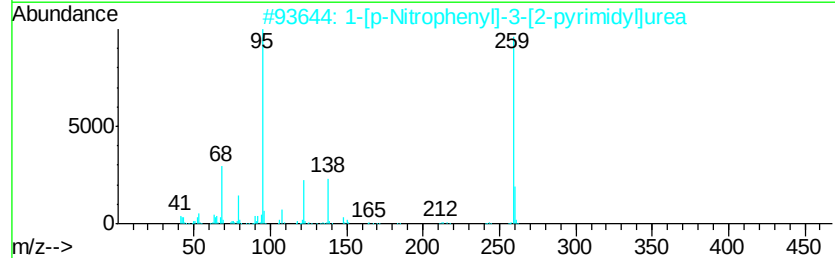
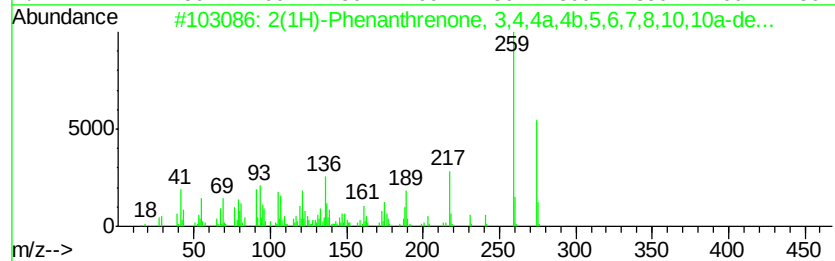
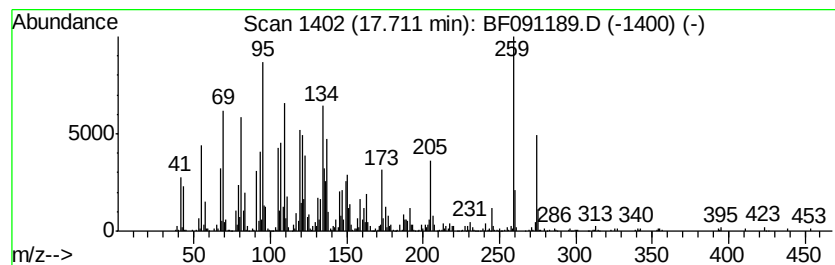
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	37.47 ng	2132740	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H300		007715-44-8	35
2	1-[p-Nitrophenyl]-3-[2-pyrimidyl...]	259	C11H9N5O3		023656-31-7	30
3	Longifolenaldehyde	220	C15H240		019890-84-7	27
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66		000502-62-5	22
5	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H300S		1000195-85-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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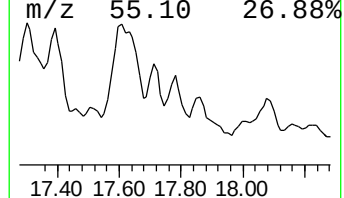
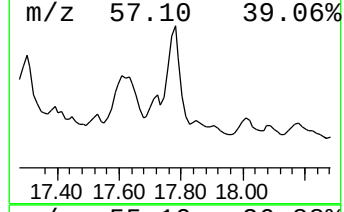
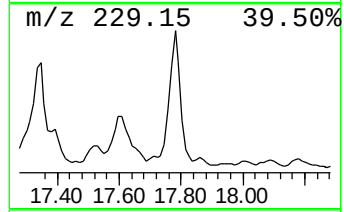
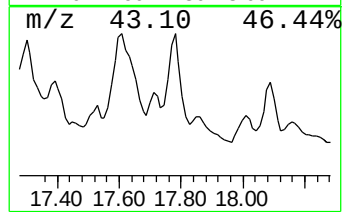
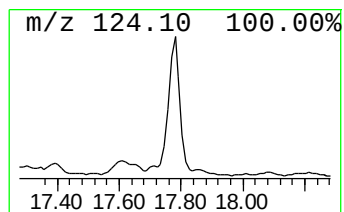
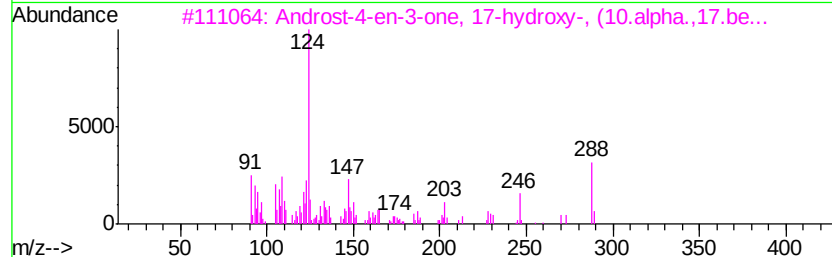
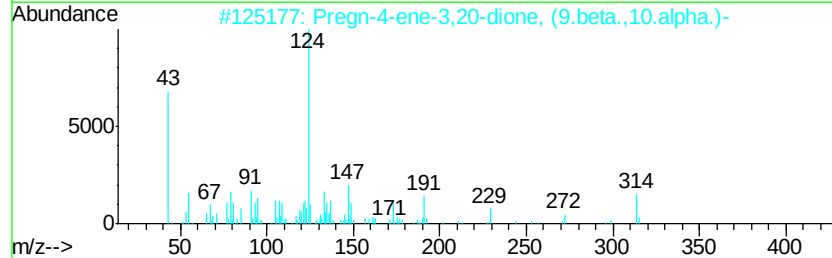
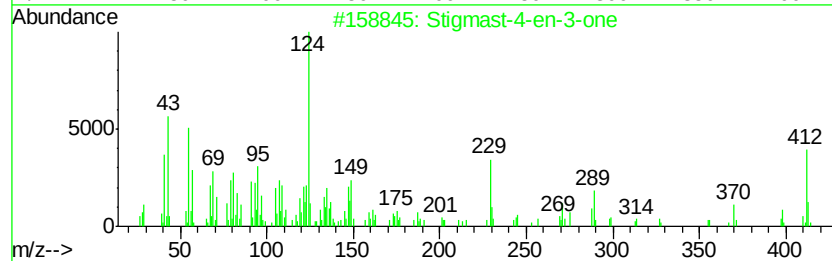
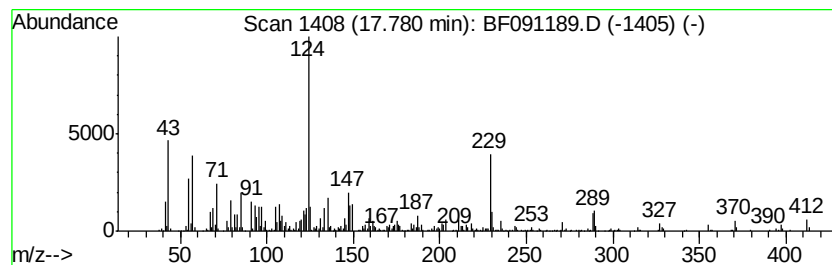
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Stigmast-4-en-3-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.78	30.94 ng	1761220	Perylene-d12	15.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Stigmast-4-en-3-one	412	C29H48O	001058-61-3	50
2		Pregn-4-ene-3,20-dione, (9.beta....	314	C21H30O2	002755-10-4	43
3		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	40
4		1H-Pyrazole-3-carboxylic acid (2...	250	C13H22N4O	1000296-44-0	38
5		4H-Pyran-4-one, 3,5-dimethyl-	124	C7H8O2	019083-61-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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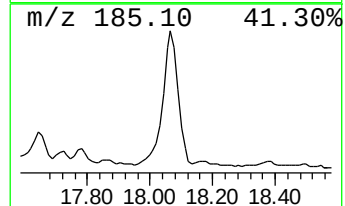
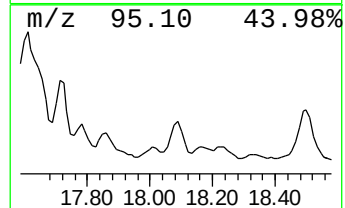
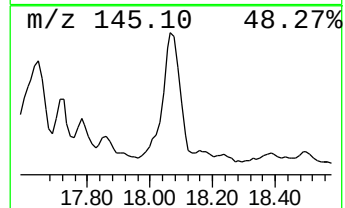
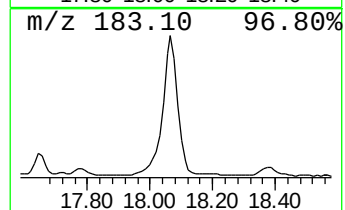
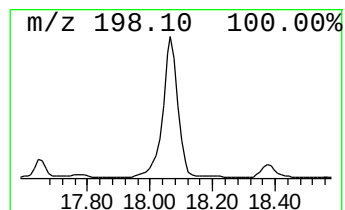
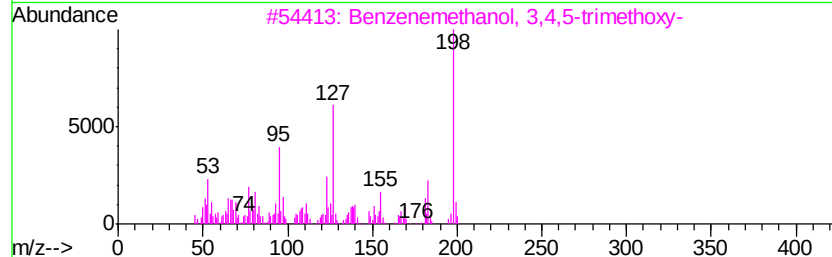
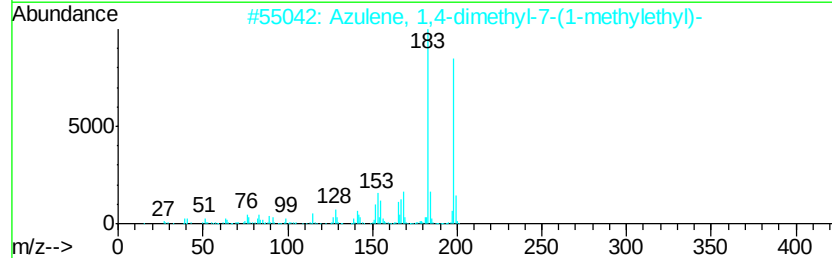
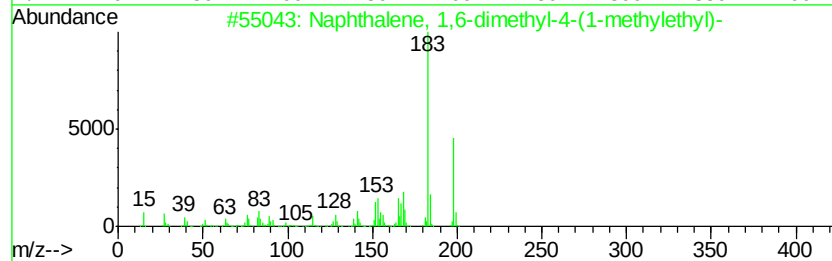
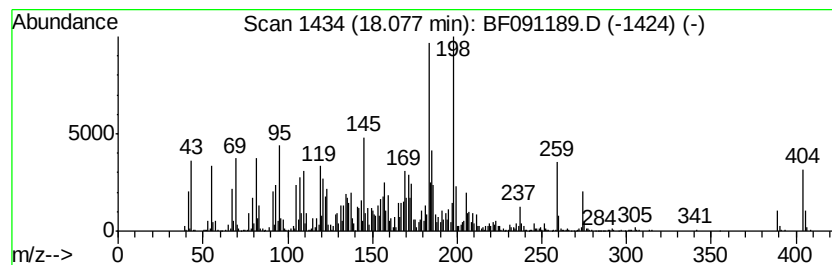
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,6-dimethyl-4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	72.69 ng	4137990	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-4-(1-m...	198	C15H18	000483-78-3	62
2		Azulene, 1,4-dimethyl-7-(1-methy...	198	C15H18	000489-84-9	42
3		Benzenemethanol, 3,4,5-trimethoxy-	198	C10H14O4	003840-31-1	42
4		9H-Pyrido[2,3-b]indole, 6-methoxy-	198	C12H10N2O	078750-82-0	38
5		6-Isopropyl-1,4-dimethylnaphthalene	198	C15H18	000489-77-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RER-TOPSOIL

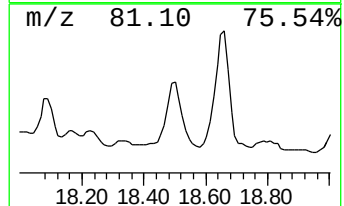
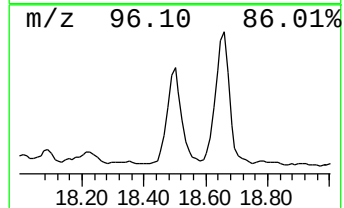
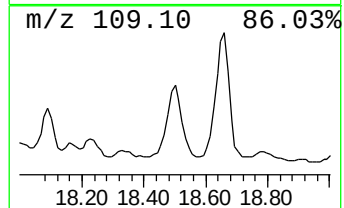
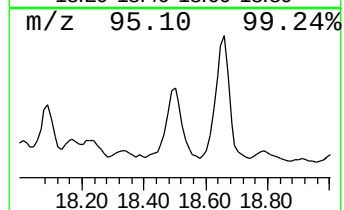
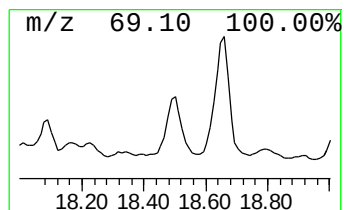
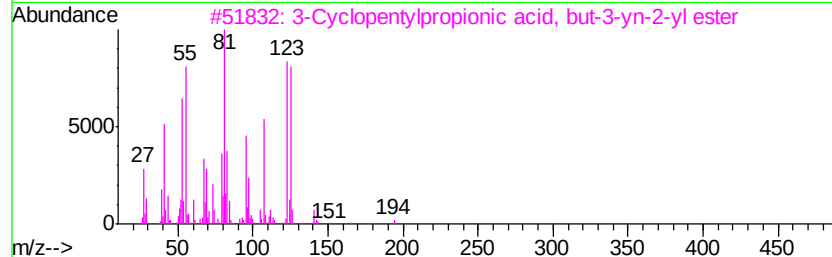
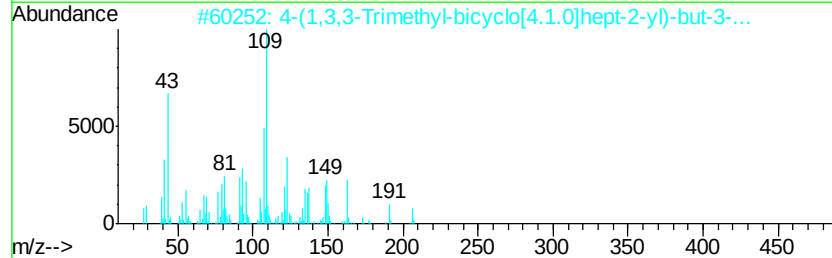
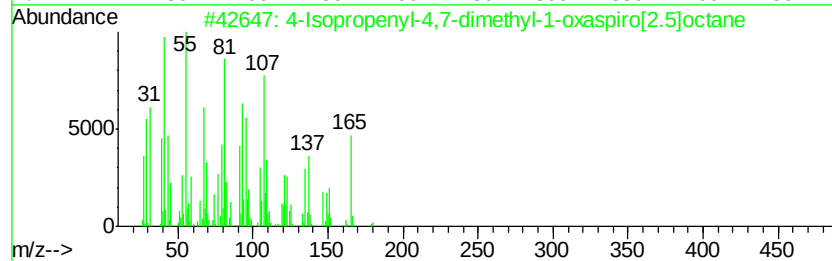
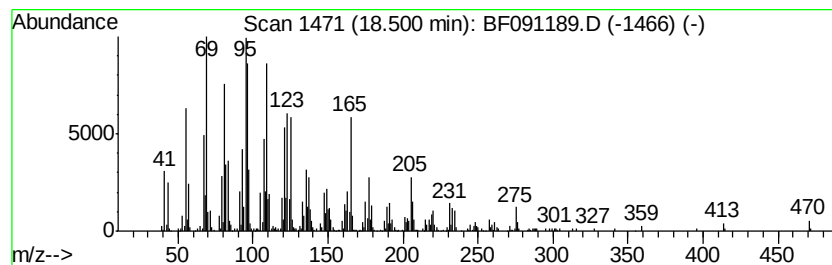
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4-Isopropenyl-4,7-dimethyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	41.41 ng	2357490	Perylene-d12	15.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropenyl-4,7-dimethyl-1-oxa...	180	C12H20O	1000187-81-7	64
2		4-(1,3,3-Trimethyl-bicyclo[4.1.0]...	206	C14H22O	077143-31-8	40
3		3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	38
4		Bicyclo[2.2.1]heptane-1-methanes...	232	C10H16O4S	005872-08-2	35
5		(7,7-Dimethyl-2-oxobicyclo[2.2.1]...	246	C11H18O4S	1000197-55-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091189.D
Acq On : 16 Nov 2016 15:48
Operator : UM/SJ
Sample : H5671-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

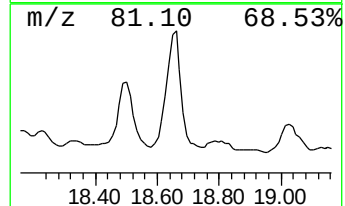
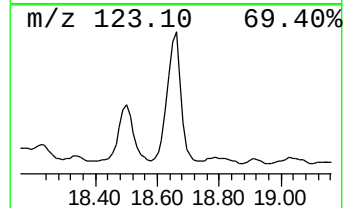
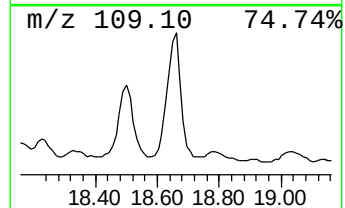
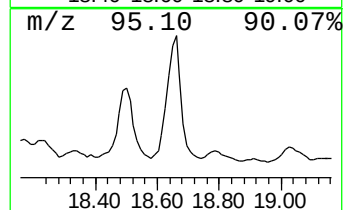
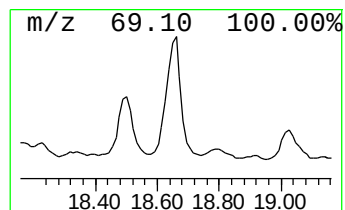
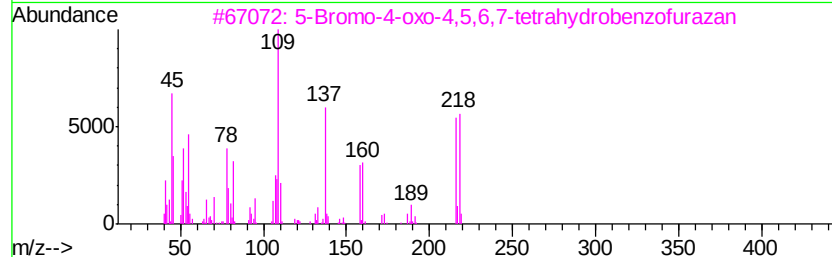
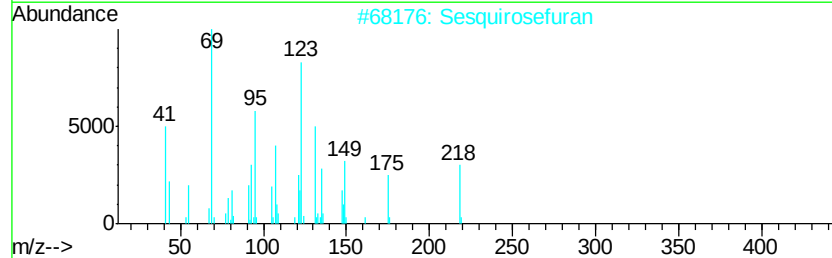
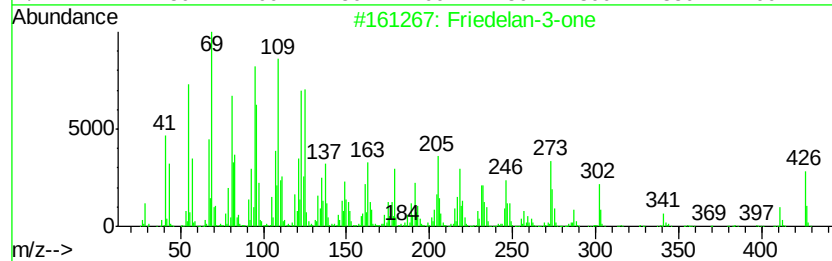
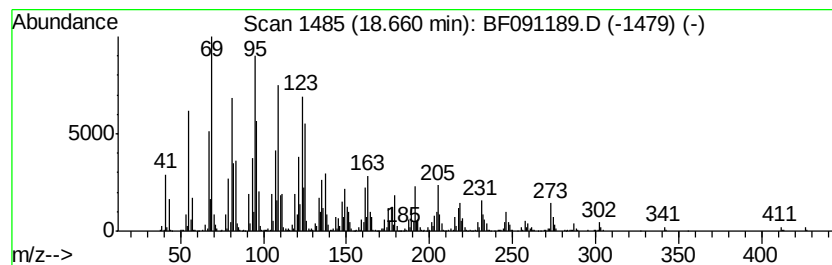
Instrument :
BNA_F
ClientSampleId :
RER-TOPSOIL

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 20 Friedelan-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	67.11 ng	3820420	Perylene-d12	15.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Friedelan-3-one	426 C30H500	000559-74-0	87
2	Sesquirosefuran	218 C15H220	039007-93-7	66
3	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216 C6H5BrN202	300574-36-1	60
4	3-Cyclopentylpropionic acid, but...	194 C12H1802	1000292-46-4	47
5	7-Tetradecyne	194 C14H26	035216-11-6	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
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 Acq On : 16 Nov 2016 15:48
 Operator : UM/SJ
 Sample : H5671-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RER-TOPSOIL

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
unknown6.40	6.40	75.2	ng	5015340	1	6.61	1334570	20.0
6-Octadecenoic ac...	12.43	56.4	ng	5867580	4	11.14	2081330	20.0
Tritetracontane	14.27	27.4	ng	2294030	5	13.78	1673280	20.0
2,6,10,14,18,22-T...	14.63	57.8	ng	3292750	6	15.15	1138490	20.0
Heneicosane	14.87	130.4	ng	7422700	6	15.15	1138490	20.0
2-Bromo dodecane	15.57	127.2	ng	7240710	6	15.15	1138490	20.0
Vitamin E	15.79	48.7	ng	2770810	6	15.15	1138490	20.0
Eicosane, 10-methyl-	16.51	35.9	ng	2042250	6	15.15	1138490	20.0
unknown16.59	16.59	27.9	ng	1587500	6	15.15	1138490	20.0
unknown16.97	16.97	311.8	ng	17746900	6	15.15	1138490	20.0
unknown17.08	17.08	47.7	ng	2716600	6	15.15	1138490	20.0
5-(1-Naphthyl)tri...	17.30	153.4	ng	8732740	6	15.15	1138490	20.0
5-Bromo-4-oxo-4,5...	17.39	84.2	ng	4794030	6	15.15	1138490	20.0
unknown17.61	17.61	184.5	ng	10504500	6	15.15	1138490	20.0
unknown17.71	17.71	37.5	ng	2132740	6	15.15	1138490	20.0
Stigmast-4-en-3-one	17.78	30.9	ng	1761220	6	15.15	1138490	20.0
Naphthalene, 1,6-...	18.08	72.7	ng	4137990	6	15.15	1138490	20.0
4-Isopropenyl-4,7...	18.50	41.4	ng	2357490	6	15.15	1138490	20.0
Friedelan-3-one	18.66	67.1	ng	3820420	6	15.15	1138490	20.0