

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
 Data File : BG023073.D
 Acq On : 13 Jul 2016 17:10
 Operator : UM/SJ
 Sample : H3853-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0577

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_G\METHODS\8270-BG070816.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	2.970	18	22	29	rVB4	73251	126691	1.04%	0.066%
2	3.170	51	56	66	rBV	68467	126211	1.04%	0.065%
3	3.816	159	166	173	rBV	611916	927369	7.64%	0.481%
4	4.592	294	298	300	rBV3	83093	127027	1.05%	0.066%
5	4.627	300	304	310	rVB	158807	250306	2.06%	0.130%
6	4.756	316	326	331	rBV5	101446	188224	1.55%	0.098%
7	4.985	360	365	369	rBV3	98810	178222	1.47%	0.092%
8	5.220	397	405	410	rVV2	214344	402288	3.31%	0.209%
9	5.273	410	414	418	rVV2	192423	353654	2.91%	0.183%
10	5.326	418	423	430	rVV3	240428	496930	4.09%	0.258%
11	5.420	434	439	448	rVB9	74229	143448	1.18%	0.074%
12	5.561	456	463	467	rBV2	114506	192201	1.58%	0.100%
13	5.702	478	487	495	rBV	1449275	2602436	21.44%	1.349%
14	5.920	517	524	530	rBV3	85836	168737	1.39%	0.087%
15	6.014	536	540	542	rBV	145268	216520	1.78%	0.112%
16	6.108	552	556	560	rVB3	80512	122891	1.01%	0.064%
17	6.219	570	575	579	rBV	231204	357759	2.95%	0.185%
18	6.313	584	591	596	rVB4	150573	269903	2.22%	0.140%
19	6.372	596	601	602	rBV2	83381	125335	1.03%	0.065%
20	6.401	602	606	610	rVB2	172510	262856	2.17%	0.136%
21	6.490	618	621	626	rVB2	111926	179562	1.48%	0.093%
22	6.589	632	638	640	rBV	219339	340731	2.81%	0.177%
23	6.619	640	643	647	rVV2	380931	580718	4.78%	0.301%
24	6.654	647	649	657	rVB3	175749	288041	2.37%	0.149%
25	6.730	657	662	668	rBV2	145519	237530	1.96%	0.123%
26	6.801	668	674	682	rBV3	373176	787679	6.49%	0.408%
27	6.883	682	688	695	rVB5	164240	315442	2.60%	0.163%
28	6.960	695	701	706	rBV	576365	1098127	9.05%	0.569%
29	7.036	709	714	722	rVB3	229863	575205	4.74%	0.298%
30	7.124	722	729	735	rBV2	203027	394215	3.25%	0.204%
31	7.195	735	741	744	rBV2	224812	424685	3.50%	0.220%
32	7.230	744	747	752	rVB3	210544	339552	2.80%	0.176%
33	7.324	752	763	773	rBV2	1179469	3217350	26.51%	1.668%
34	7.400	773	776	782	rVB3	141112	226611	1.87%	0.117%

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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.482	782	790	793	rBV5	142861	314611	2.59%	0.163%
36	7.535	793	799	804	rBV2	596652	1196869	9.86%	0.620%
37	7.618	809	813	818	rVB2	521773	915141	7.54%	0.474%
38	7.688	818	825	835	rBV	2873771	5567181	45.87%	2.885%
39	7.823	843	848	850	rBV2	111755	167632	1.38%	0.087%
40	7.882	854	858	862	rVB4	154975	205647	1.69%	0.107%
41	7.917	862	864	868	rVB2	115452	138417	1.14%	0.072%
42	7.976	868	874	875	rBV3	132951	198356	1.63%	0.103%
43	8.029	880	883	890	rVB3	303341	546129	4.50%	0.283%
44	8.099	890	895	899	rBV2	494167	920207	7.58%	0.477%
45	8.158	899	905	916	rVV6	829180	2438265	20.09%	1.264%
46	8.240	916	919	928	rVB4	336619	766852	6.32%	0.397%
47	8.405	939	947	952	rBV6	505961	1527241	12.58%	0.792%
48	8.481	954	960	964	rBV	2172985	4205411	34.65%	2.180%
49	8.622	981	984	992	rVB3	359202	754451	6.22%	0.391%
50	8.716	992	1000	1008	rVB3	458807	1067000	8.79%	0.553%
51	8.810	1009	1016	1020	rBV5	318762	806293	6.64%	0.418%
52	8.863	1020	1025	1031	rVB4	405164	764538	6.30%	0.396%
53	8.957	1035	1041	1050	rBV5	453064	1001400	8.25%	0.519%
54	9.057	1050	1058	1060	rBV5	389925	911718	7.51%	0.473%
55	9.169	1071	1077	1078	rBV3	366656	574174	4.73%	0.298%
56	9.228	1082	1087	1088	rBV2	583888	819533	6.75%	0.425%
57	9.269	1089	1094	1098	rBV	1008566	1730457	14.26%	0.897%
58	9.333	1098	1105	1110	rBV	2812529	6528649	53.79%	3.384%
59	9.545	1138	1141	1144	rBV3	177691	256775	2.12%	0.133%
60	9.586	1144	1148	1153	rVB6	439229	776771	6.40%	0.403%
61	9.762	1169	1178	1181	rBV6	479245	1160093	9.56%	0.601%
62	9.874	1192	1197	1199	rBV5	211656	365704	3.01%	0.190%
63	9.974	1204	1214	1227	rBV4	2238917	6589806	54.30%	3.416%
64	10.209	1244	1254	1265	rVB7	810661	2617108	21.56%	1.356%
65	10.338	1270	1276	1278	rBV6	627347	1185731	9.77%	0.615%
66	10.373	1278	1282	1292	rVB7	942220	2540460	20.93%	1.317%
67	10.573	1311	1316	1323	rBV7	444410	1054791	8.69%	0.547%
68	10.708	1336	1339	1342	rBV3	258540	331861	2.73%	0.172%
69	10.755	1342	1347	1354	rBV3	1644200	3893671	32.08%	2.018%
70	10.920	1371	1375	1377	rBV4	137236	219456	1.81%	0.114%
71	10.984	1378	1386	1398	rVV2	2101630	5411204	44.59%	2.805%

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Smoothing : ON Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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72	11.090	1399	1404	1417	rVB7	964949	2676111	22.05%	1.387%
73	11.243	1419	1430	1441	rBV9	1264467	4510253	37.16%	2.338%
74	11.349	1444	1448	1452	rVV4	327264	532915	4.39%	0.276%
75	11.572	1480	1486	1490	rBV3	1647298	4118056	33.93%	2.134%
76	11.648	1497	1499	1506	rVB6	767312	1362128	11.22%	0.706%
77	11.842	1528	1532	1538	rBV3	865029	1609820	13.26%	0.834%
78	12.242	1596	1600	1605	rVB	1429967	2217479	18.27%	1.149%
79	12.588	1643	1659	1660	rBV5	1468676	5670802	46.72%	2.939%
80	12.829	1695	1700	1708	rBV5	2137943	4543916	37.44%	2.355%
81	12.900	1708	1712	1721	rVB7	1651176	4042016	33.30%	2.095%
82	13.017	1724	1732	1735	rBV5	1088033	2985410	24.60%	1.547%
83	13.270	1770	1775	1778	rBV5	1460195	2714809	22.37%	1.407%
84	13.323	1779	1784	1791	rVB7	2937927	7359979	60.64%	3.815%
85	13.423	1795	1801	1806	rVB	6190585	10686030	88.05%	5.539%
86	13.540	1816	1821	1825	rBV3	1296070	1845738	15.21%	0.957%
87	13.951	1885	1891	1898	rVB3	2321736	5557532	45.79%	2.880%
88	14.139	1918	1923	1928	rBV7	1358350	3346570	27.57%	1.735%
89	14.233	1935	1939	1946	rVB6	1849116	3304404	27.23%	1.713%
90	14.515	1983	1987	1989	rBV2	1498978	2352949	19.39%	1.220%
91	14.715	2017	2021	2022	rBV3	908115	1237471	10.20%	0.641%
92	14.809	2033	2037	2043	rVB5	2378559	4226163	34.82%	2.190%
93	14.915	2050	2055	2059	rBV4	2078141	3758267	30.97%	1.948%
94	15.473	2145	2150	2155	rVB6	2492931	4904213	40.41%	2.542%
95	16.307	2287	2292	2297	rVB3	5433608	8902013	73.35%	4.614%
96	17.565	2503	2506	2512	rVB	2007142	2879085	23.72%	1.492%
97	20.174	2945	2950	2956	rVB	8832437	12136555	100.00%	6.290%
98	21.877	3235	3240	3248	rVB	1902559	3359491	27.68%	1.741%
99	25.273	3810	3818	3830	rVB2	997380	2983366	24.58%	1.546%

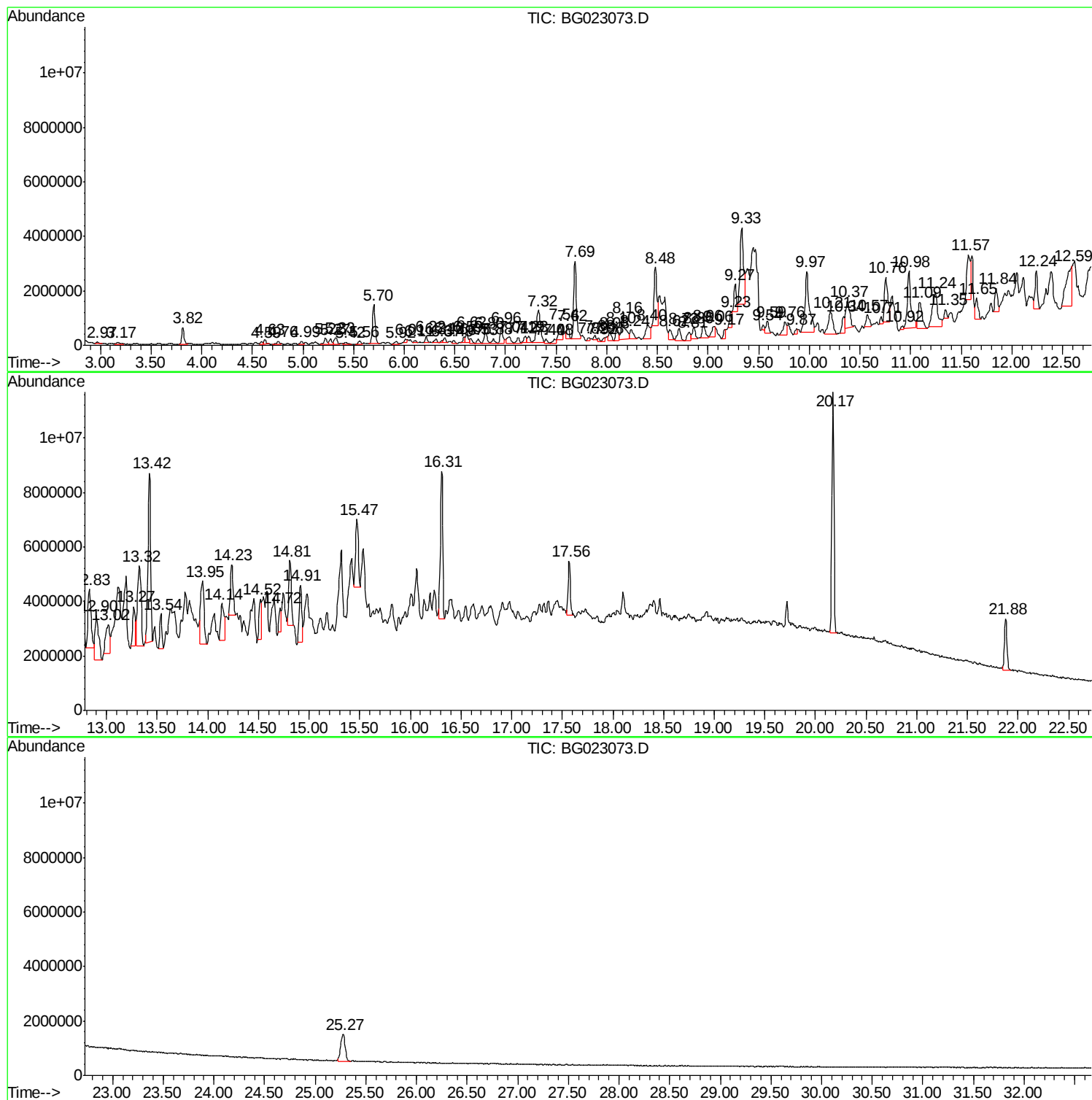
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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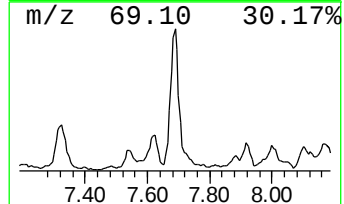
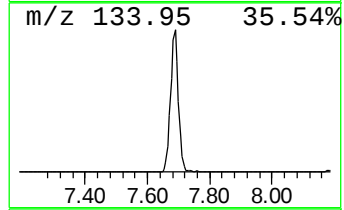
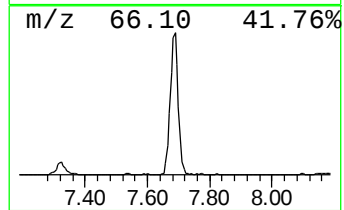
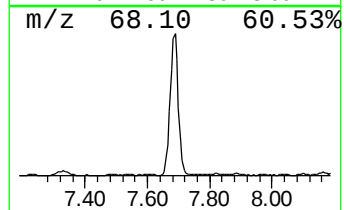
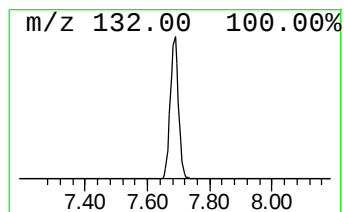
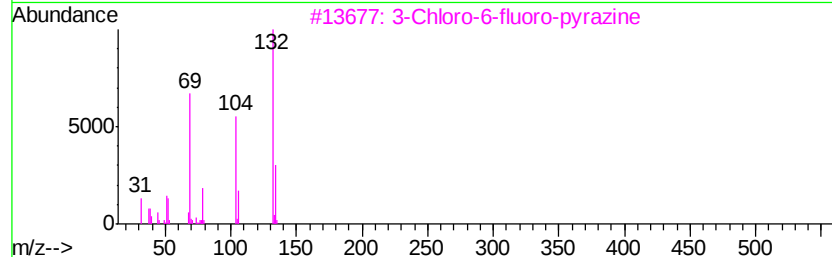
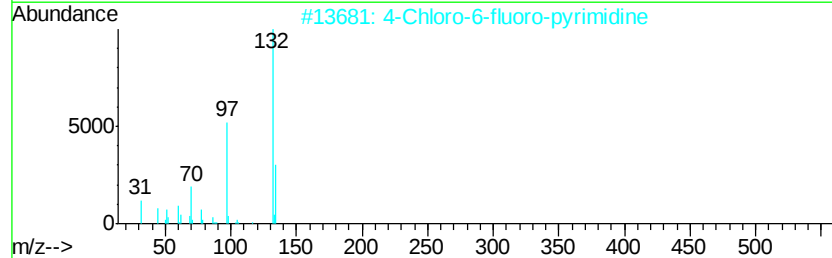
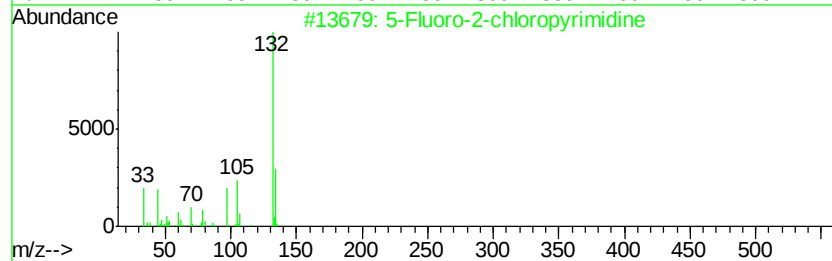
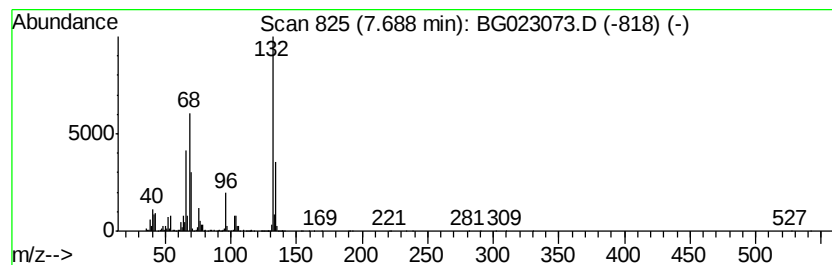
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	45.67 ng	5567180	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9



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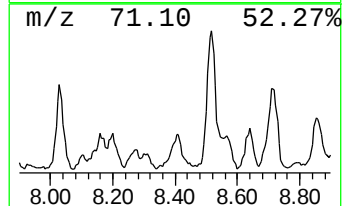
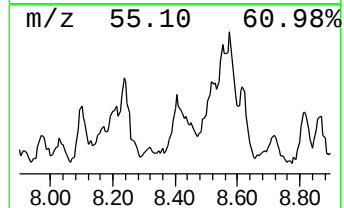
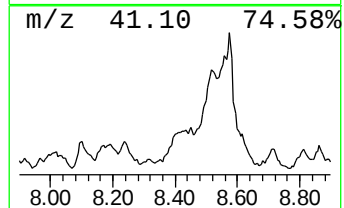
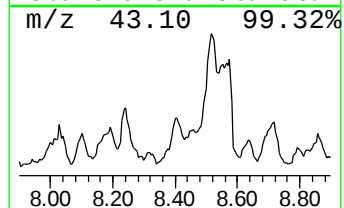
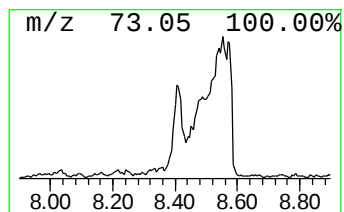
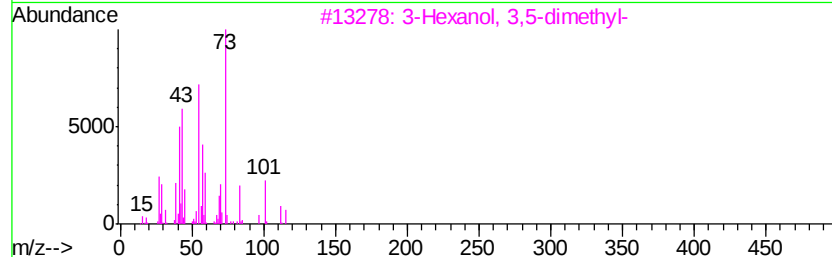
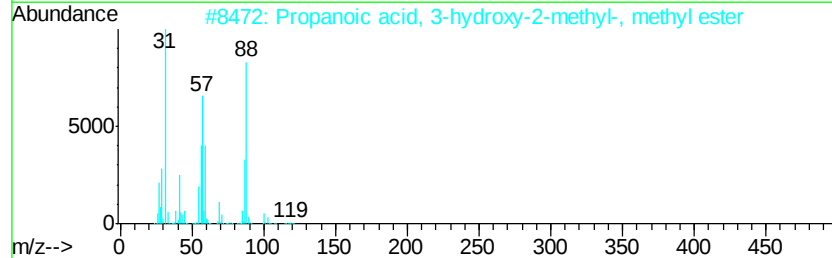
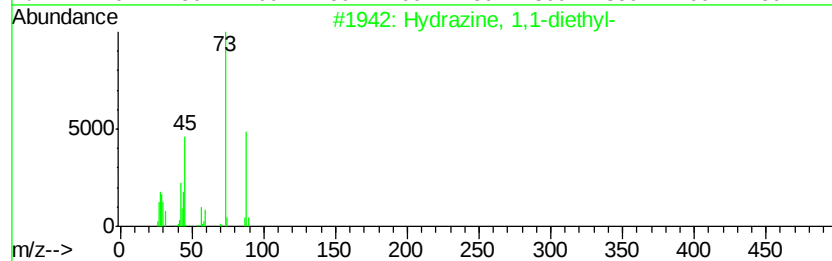
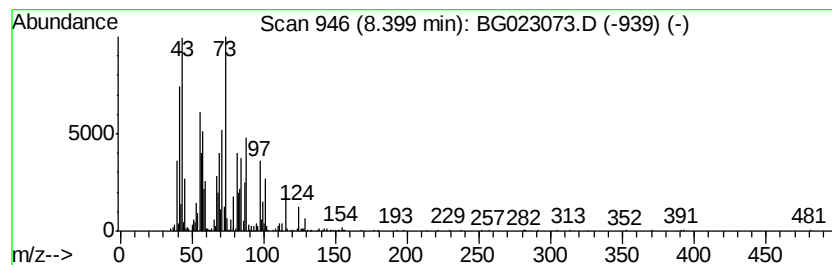
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.40 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	12.53 ng	1527240	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,1-diethyl-	88	C4H12N2	000616-40-0	14
2		Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	14
3		3-Hexanol, 3,5-dimethyl-	130	C8H18O	004209-91-0	14
4		3-Heptanol, 3,5-dimethyl-	144	C9H20O	019549-74-7	14
5		Propanedioic acid, dimethyl-, di...	188	C9H16O4	001619-62-1	12



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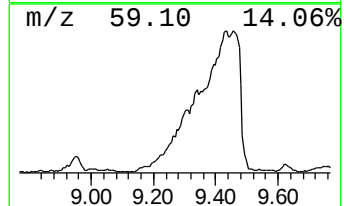
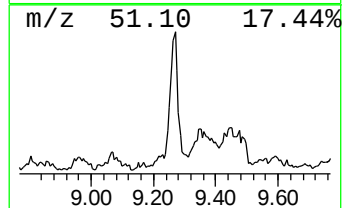
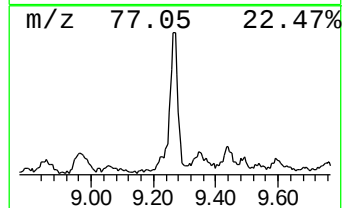
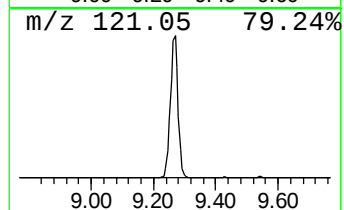
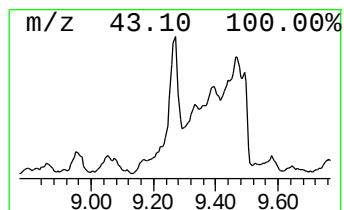
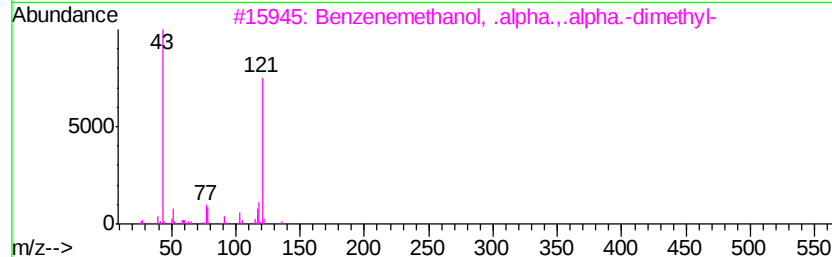
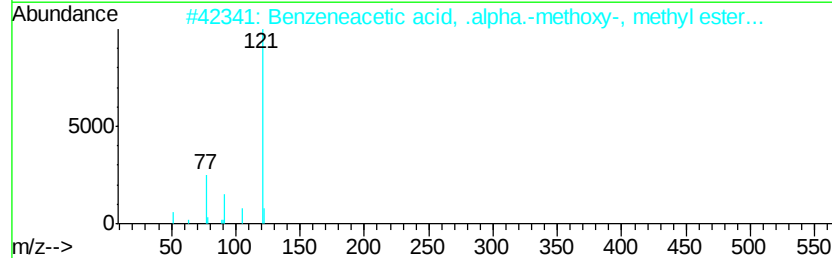
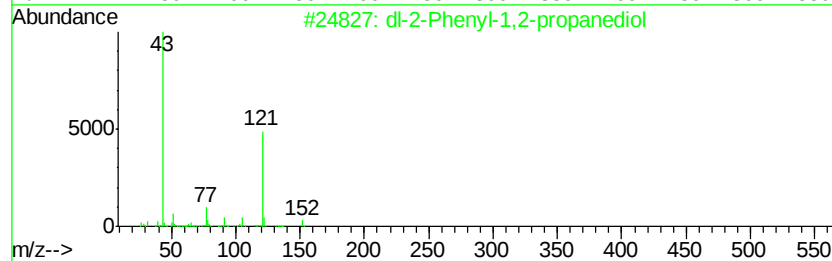
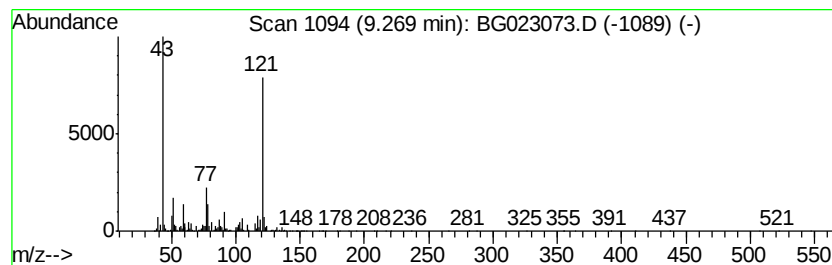
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 dl-2-Phenyl-1,2-propanediol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	14.19 ng	1730460	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	dl-2-Phenyl-1,2-propanediol	152	C9H12O2	004217-66-7	64
2		Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	59
3		Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	59
4		Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	007021-09-2	59
5		Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

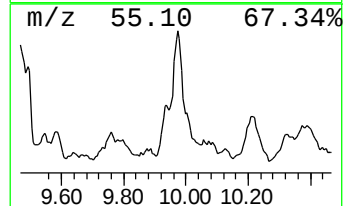
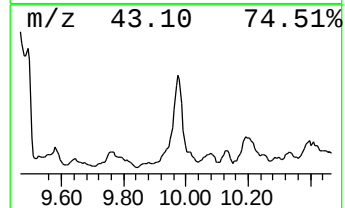
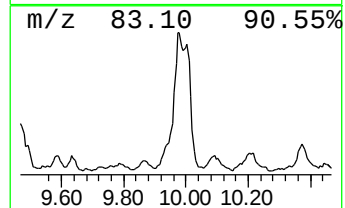
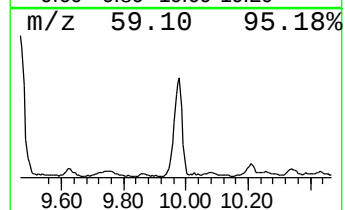
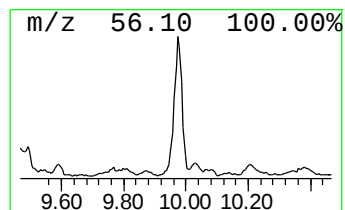
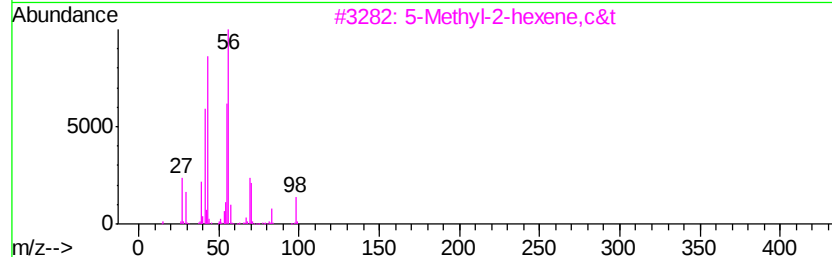
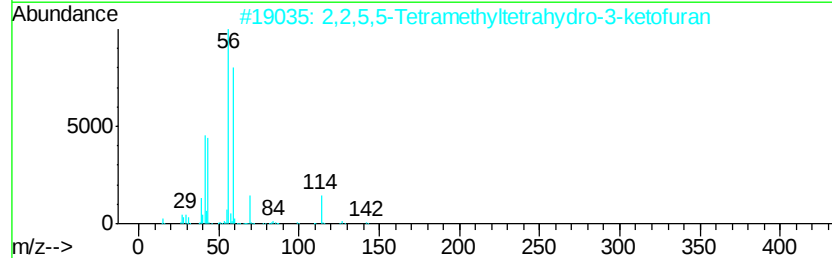
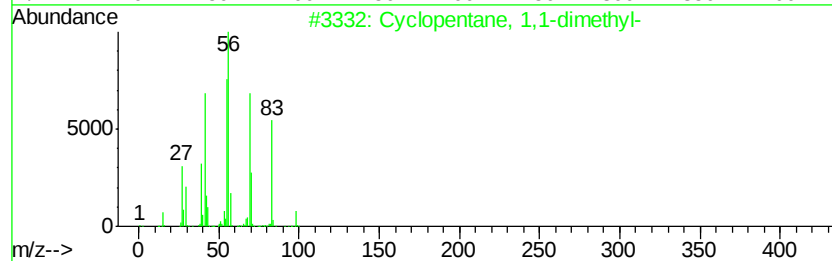
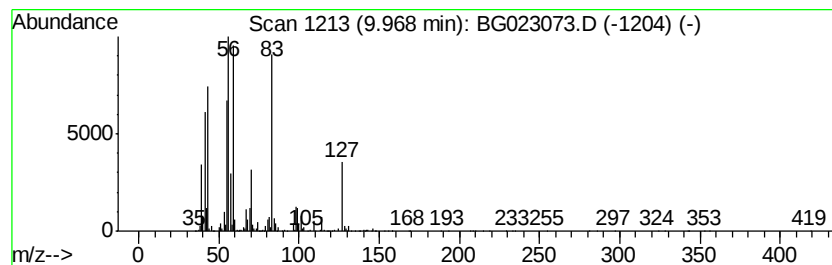
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclopentane, 1,1-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	24.36 ng	6589810	Naphthalene-d8	10.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	41
2		2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	30
3		5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	25
4		7-Oxabicyclo[4.1.0]heptane	98	C6H10O	000286-20-4	25
5		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
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Sample : H3853-01
Misc :
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ClientSampleId :
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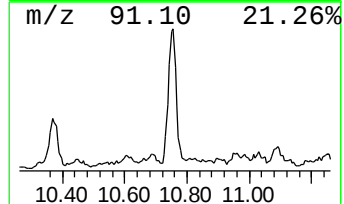
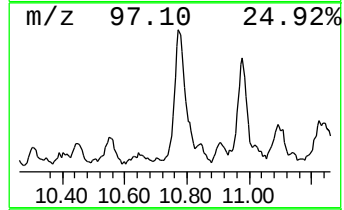
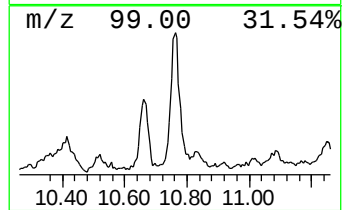
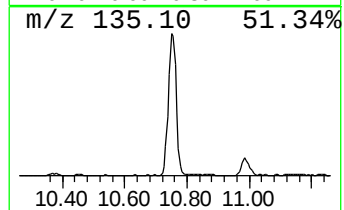
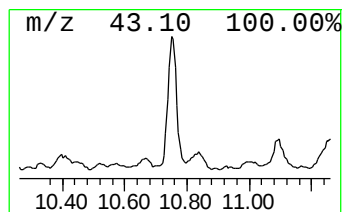
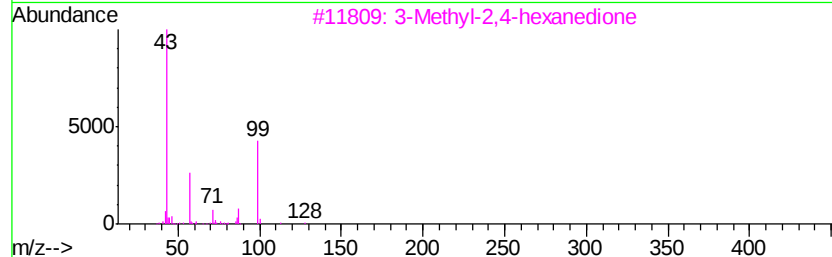
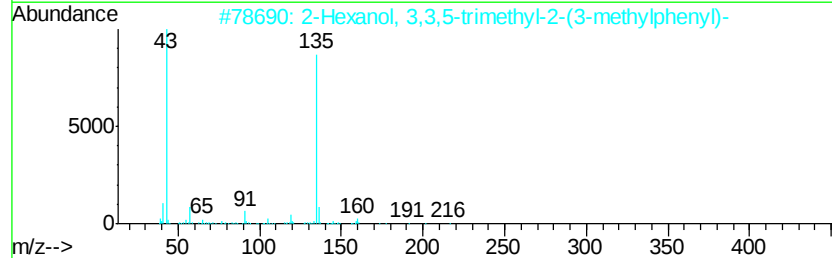
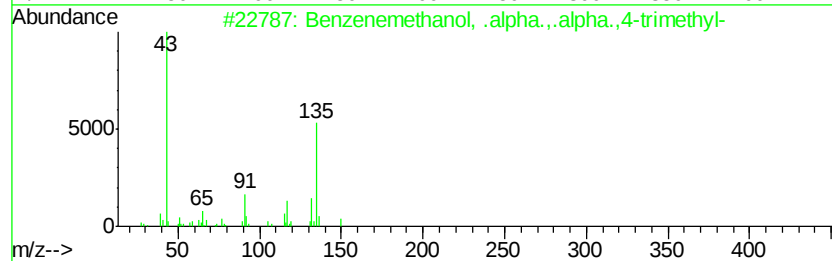
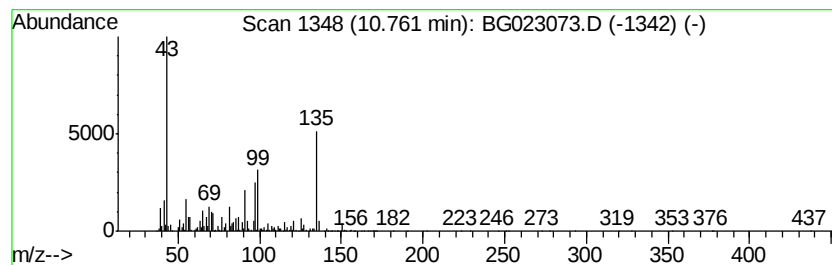
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	14.39 ng	3893670	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanol, .alpha.,.alpha....	150	C10H14O	001197-01-9	46
2		2-Hexanol, 3,3,5-trimethyl-2-(3-...	234	C16H26O	274266-33-0	12
3		3-Methyl-2,4-hexanedione	128	C7H12O2	004220-52-4	9
4		Acetic acid, 5-hydroxy-4-nitrore...	205	C7H11NO6	1000192-44-6	9
5		6-Hydroxy-4,4,6-trimethyltetrahy...	191	C7H13NO5	016504-29-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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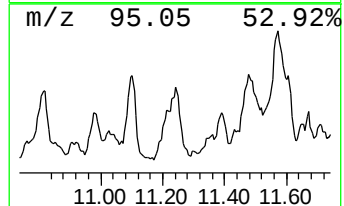
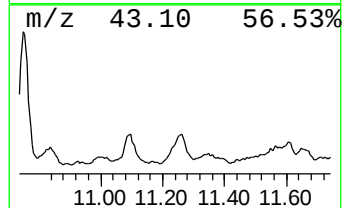
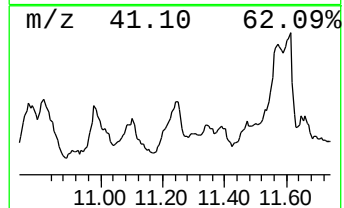
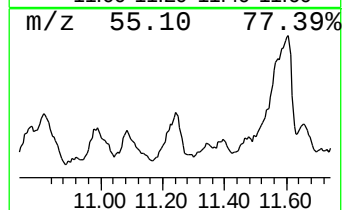
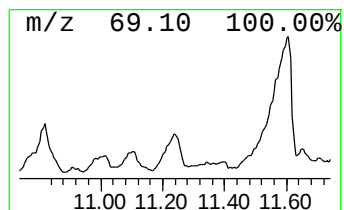
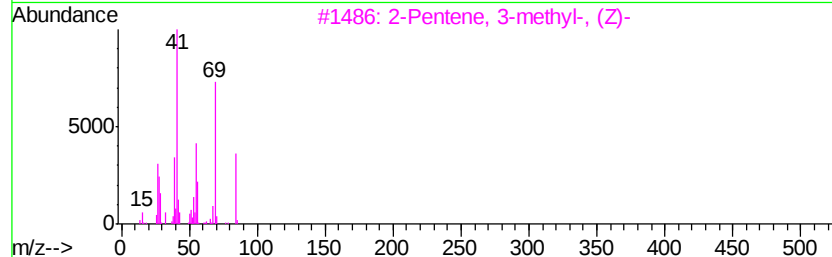
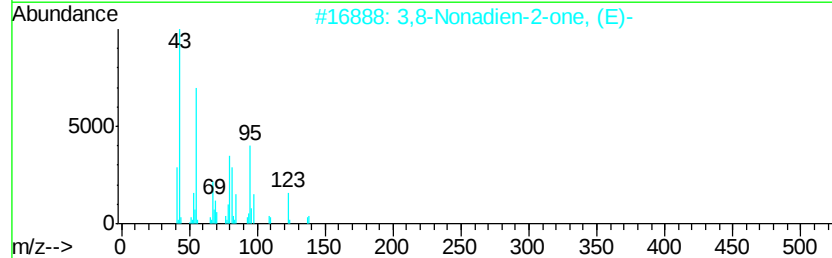
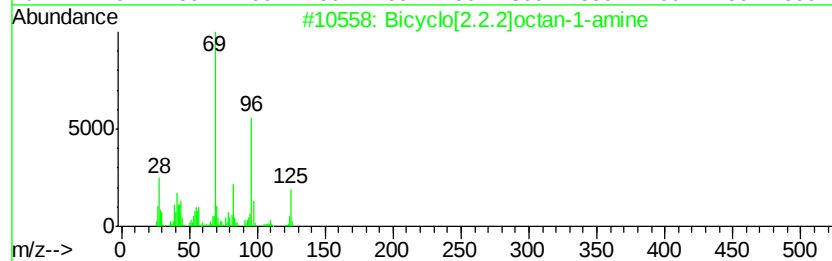
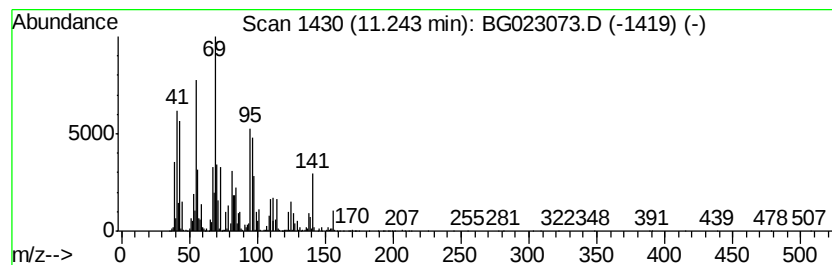
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown11.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	16.67 ng	4510250	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	45
2		3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	30
3		2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	25
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
5		Pentane, 3-methylene-	84	C6H12	000760-21-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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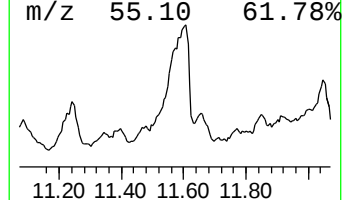
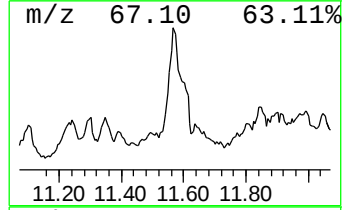
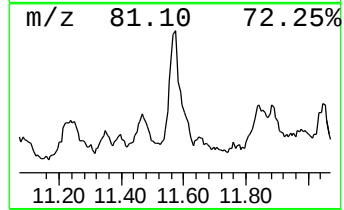
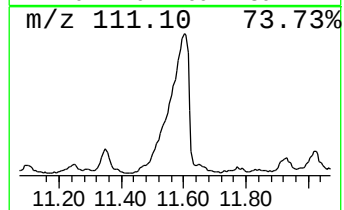
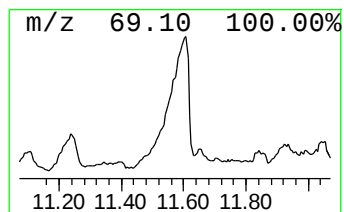
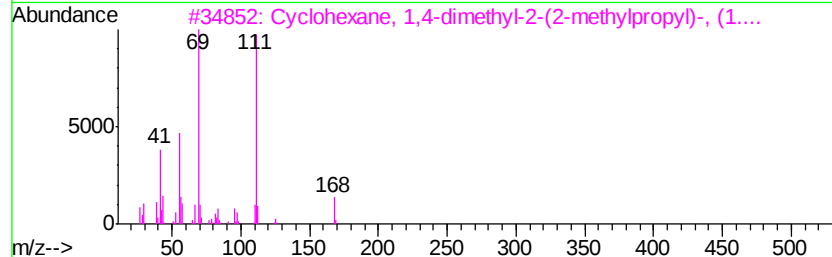
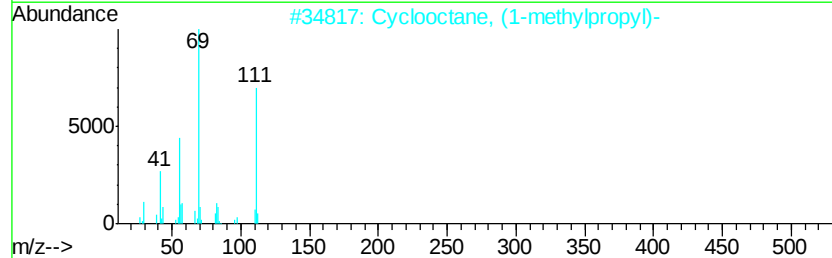
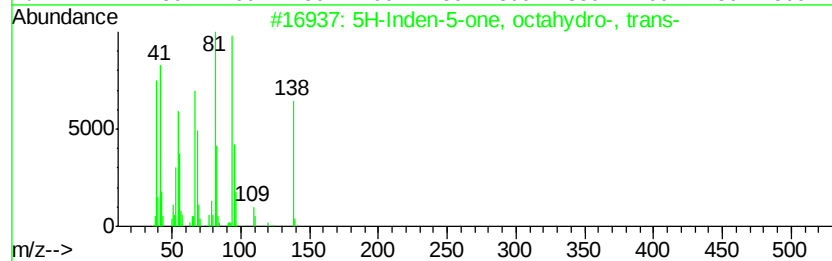
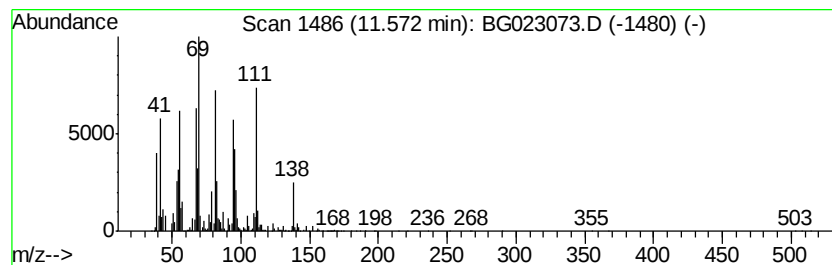
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	15.22 ng	4118060	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	42
2		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
3		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	38
4		2-Propenoic acid, 2-methyl-, 2-p...	126	C7H10O2	000096-05-9	35
5		5H-Inden-5-one, octahydro-, cis-	138	C9H14O	004668-91-1	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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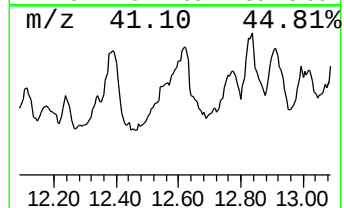
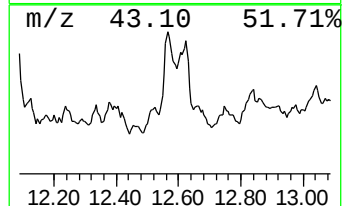
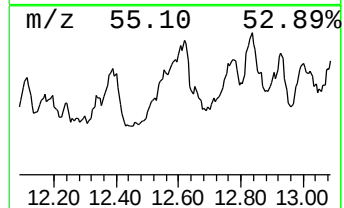
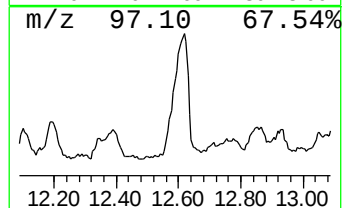
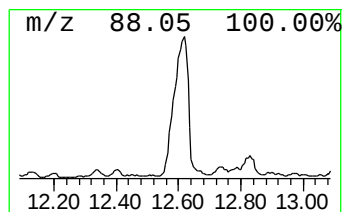
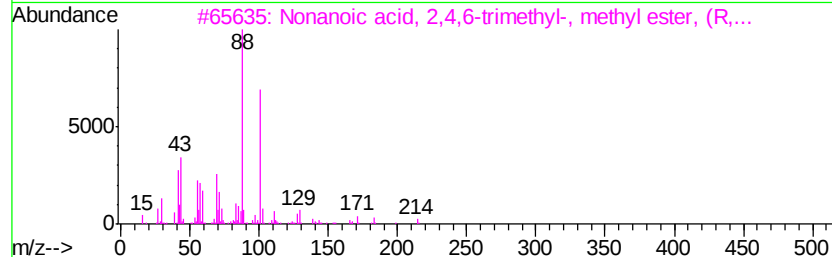
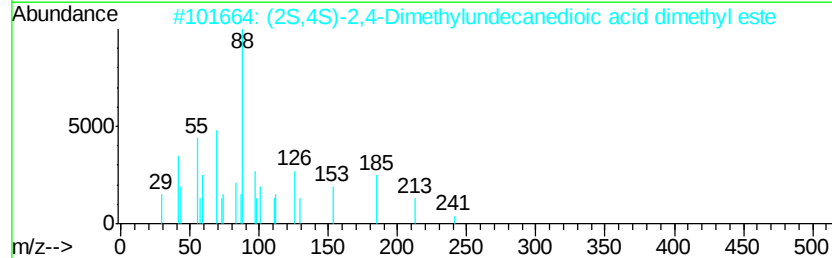
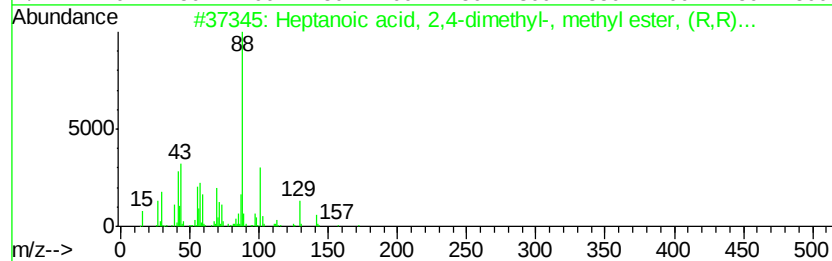
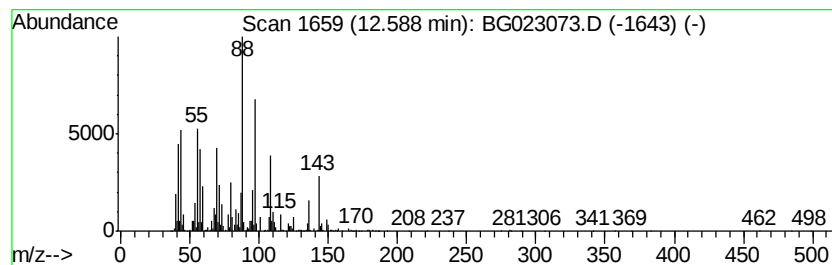
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.59 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	20.96 ng	5670800	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid, 2,4-dimethyl-, m...	172	C10H20O2	018524-86-2	38
2		(2S,4S)-2,4-Dimethylundecanedioi...	272	C15H28O4	085547-48-4	32
3		Nonanoic acid, 2,4,6-trimethyl-,...	214	C13H26O2	002490-57-5	25
4		Heptanedioic acid, 2-methyl-, di...	202	C10H18O4	033658-48-9	25
5		Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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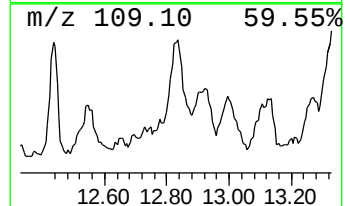
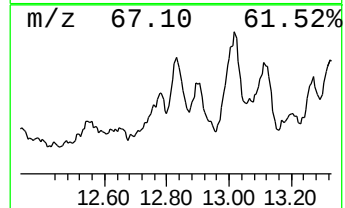
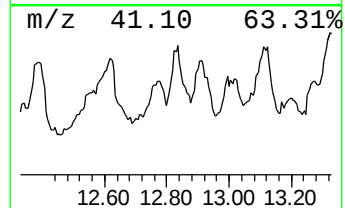
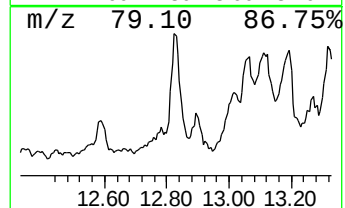
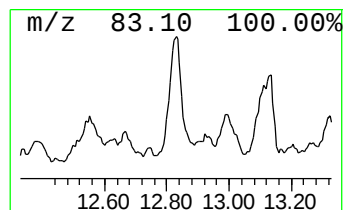
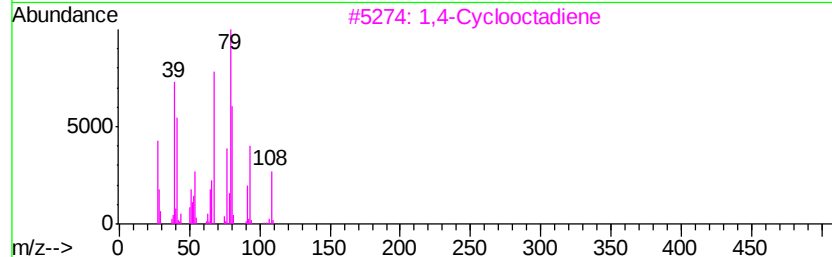
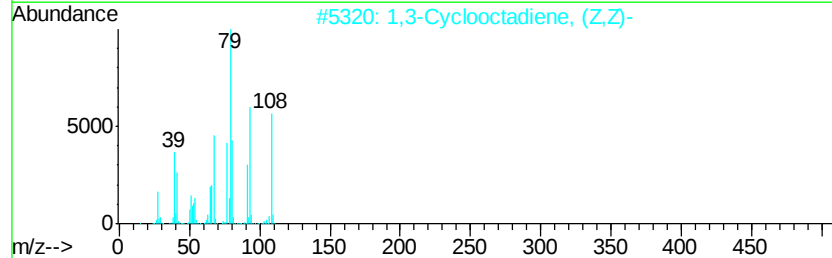
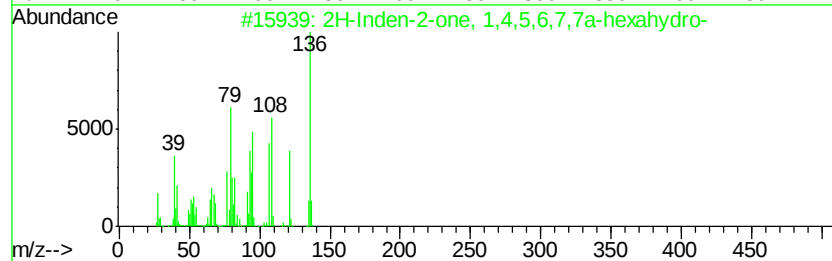
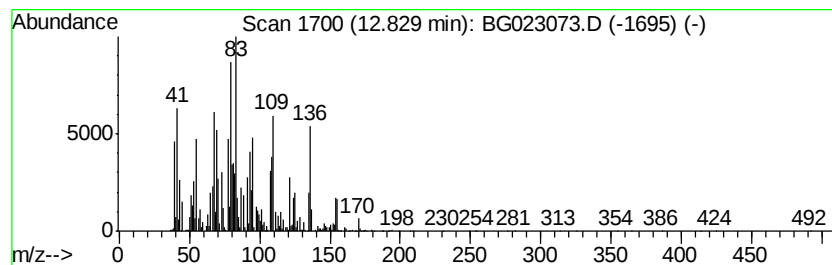
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2H-Inden-2-one, 1,4,5,6,7,7... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	16.79 ng	4543920	Naphthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	93
2		1,3-Cyclooctadiene, (Z,Z)-	108	C8H12	003806-59-5	42
3		1,4-Cyclooctadiene	108	C8H12	001073-07-0	30
4		cis-Bicyclo[3.3.0]oct-2-ene	108	C8H12	000930-99-4	27
5		Tricyclo[4.1.0.0(2,7)]heptane	94	C7H10	000287-13-8	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
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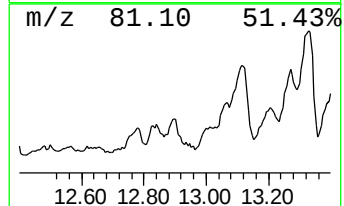
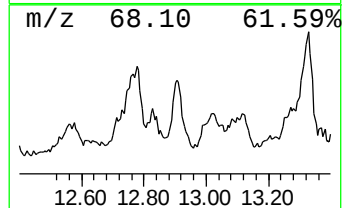
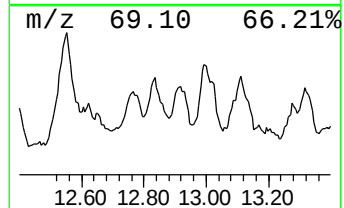
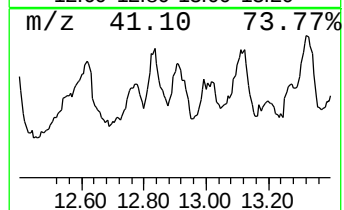
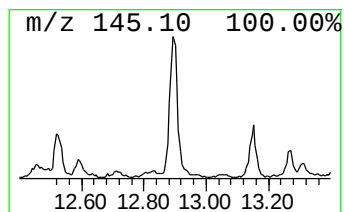
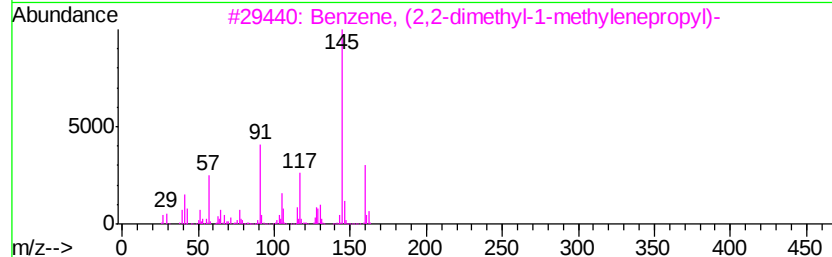
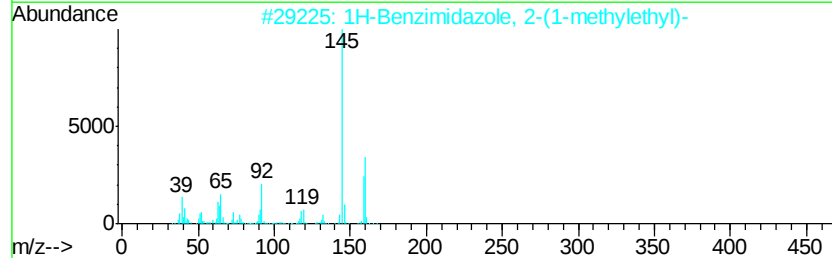
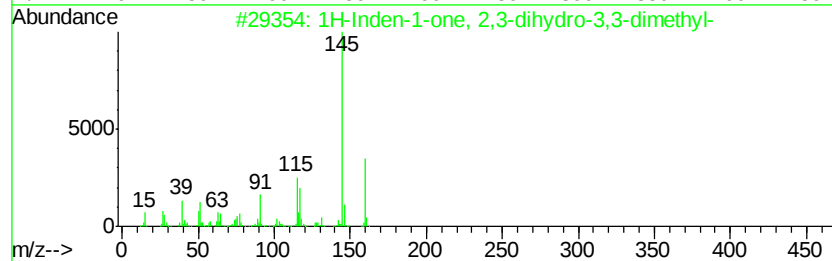
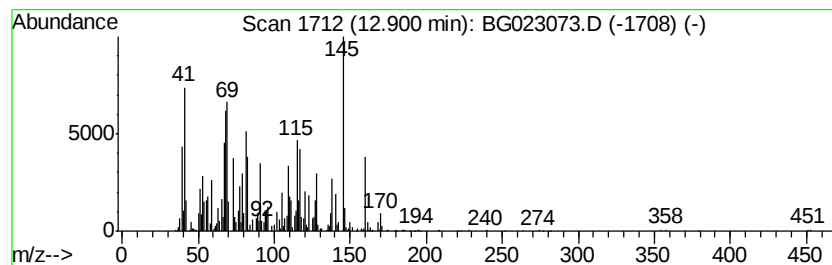
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	19.13 ng	4042020	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	46
2		1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	42
3		Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	38
4		Benzene, 1-(1-methylethenvl)-3-(...	160	C12H16	001129-29-9	38
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

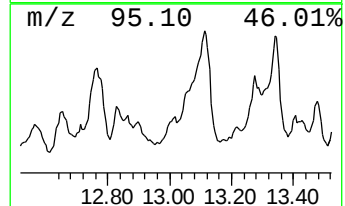
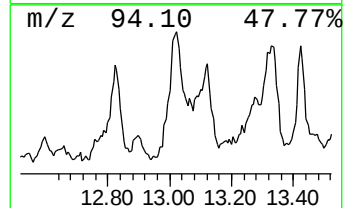
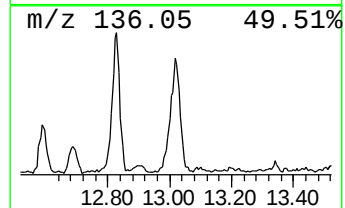
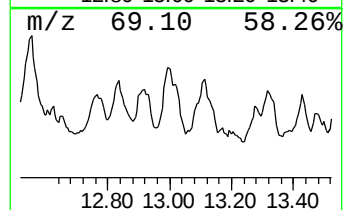
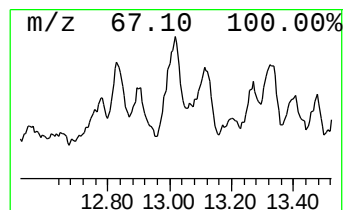
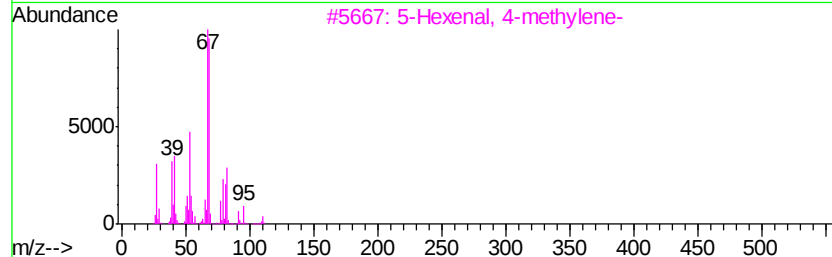
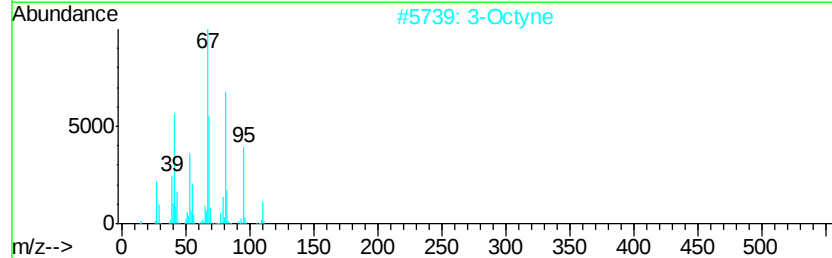
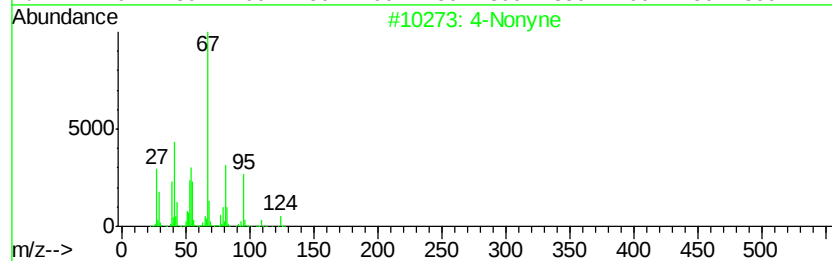
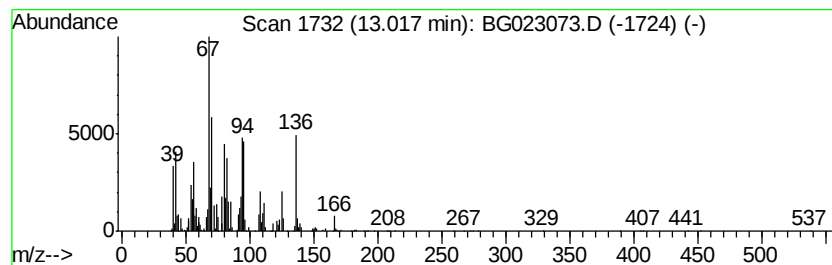
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	14.13 ng	2985410	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	4-	Nonyne	124	C9H16	020184-91-2	27
2	3-	Octyne	110	C8H14	015232-76-5	27
3	5-	Hexenal, 4-methylene-	110	C7H10O	017844-21-2	22
4	1,1'-	Bicyclopentyl	138	C10H18	001636-39-1	16
5	5,7-	Dodecadiene, (E,Z)-	166	C12H22	021293-04-9	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

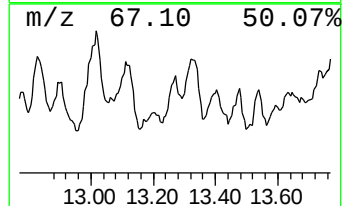
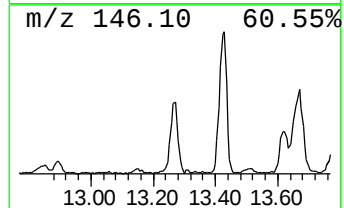
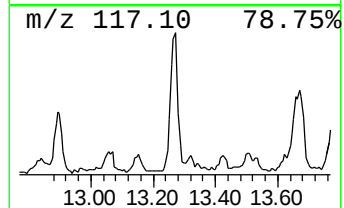
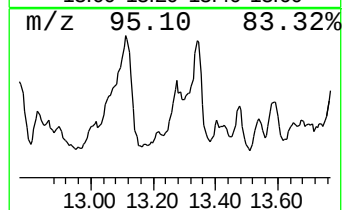
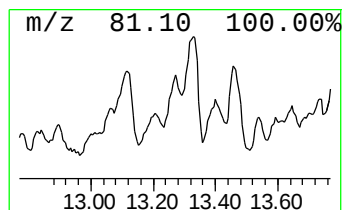
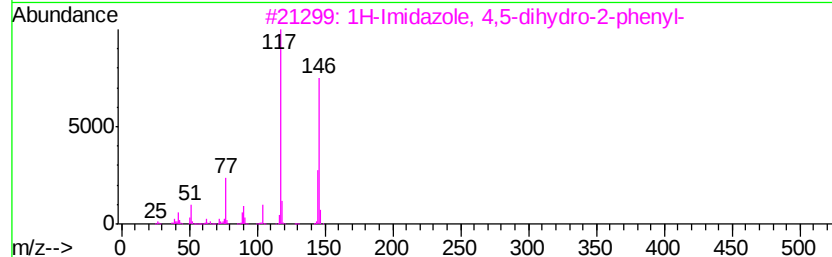
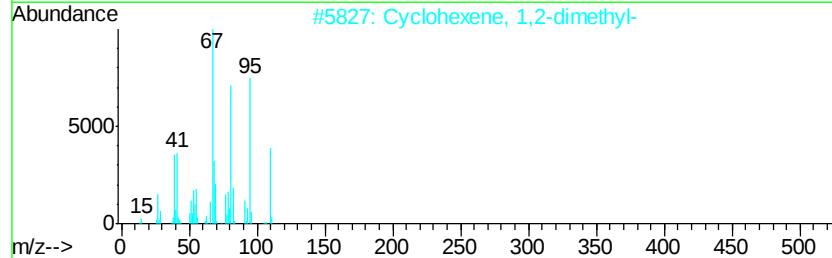
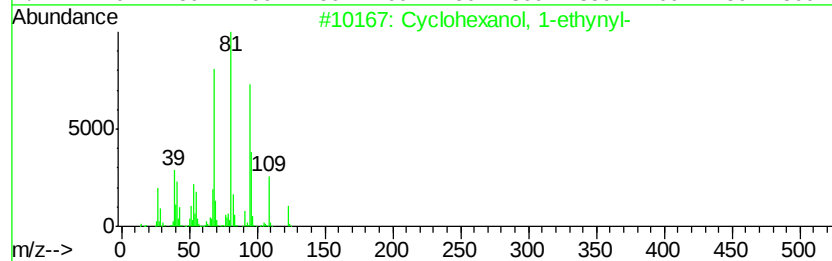
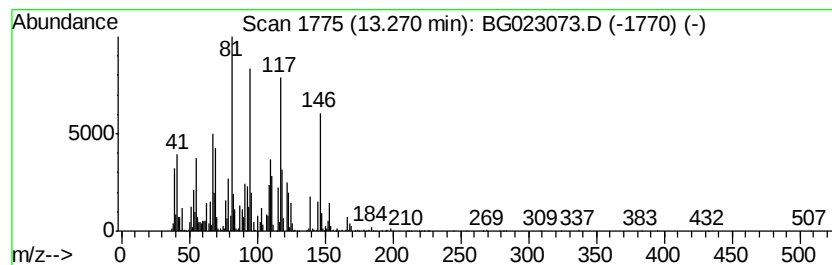
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.27 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	12.85 ng	2714810	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	41
2		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
3		1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	35
4		Methyl ethyl cyclopentene	110	C8H14	019780-56-4	25
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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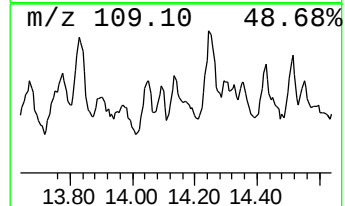
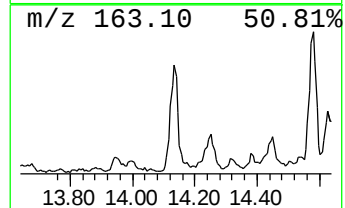
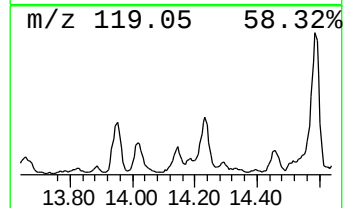
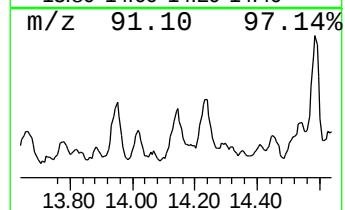
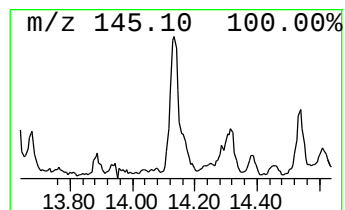
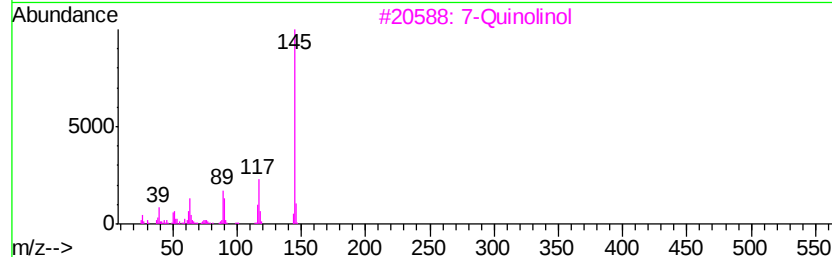
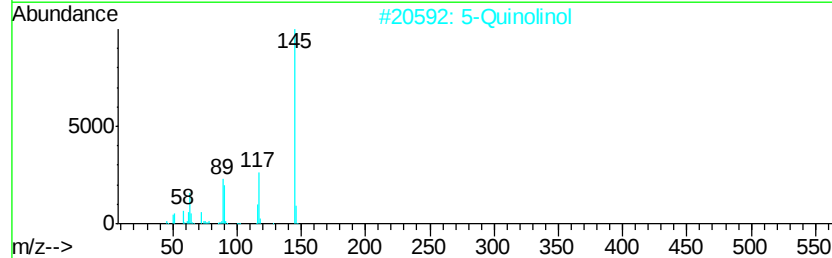
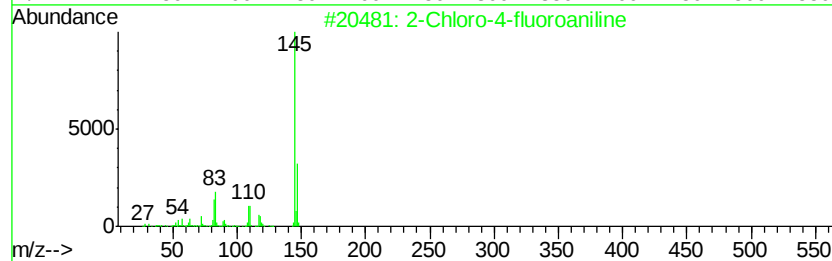
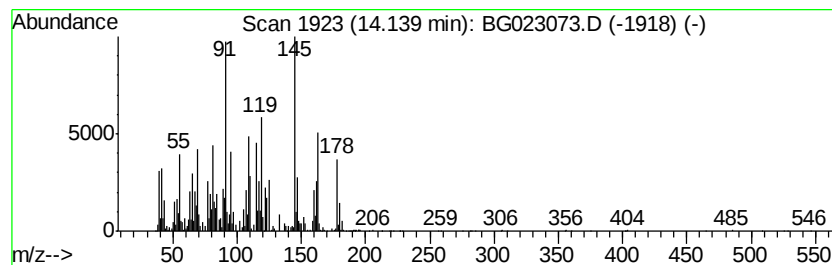
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.14 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.14	15.84 ng	3346570	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloro-4-fluoroaniline	145	C6H5ClFN	002106-02-7	30
2		5-Quinolinol	145	C9H7NO	000578-67-6	25
3		7-Quinolinol	145	C9H7NO	000580-20-1	25
4		6-Quinolinol	145	C9H7NO	000580-16-5	25
5		4-Chloro-2-fluoroaniline	145	C6H5ClFN	057946-56-2	20



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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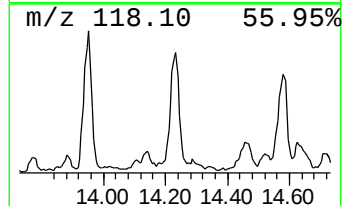
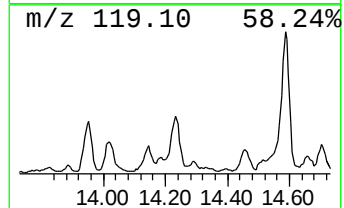
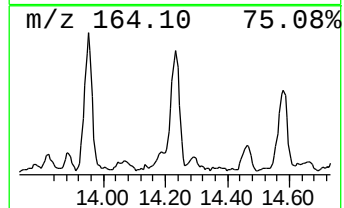
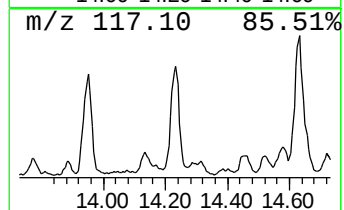
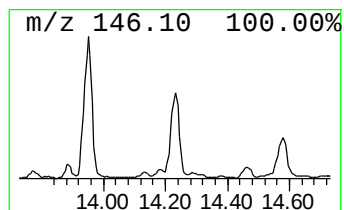
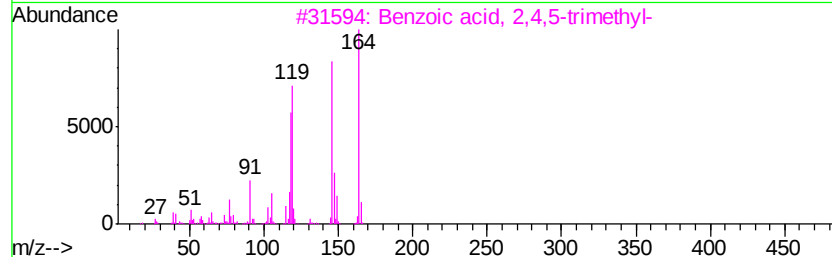
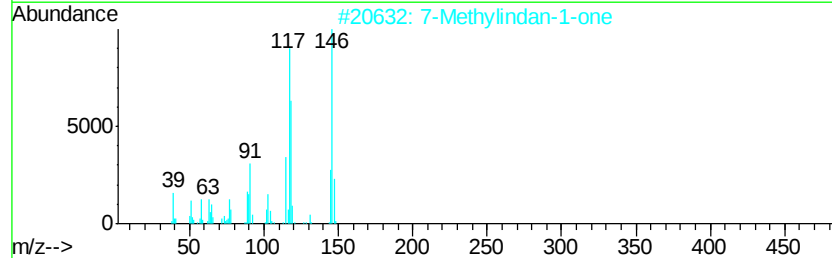
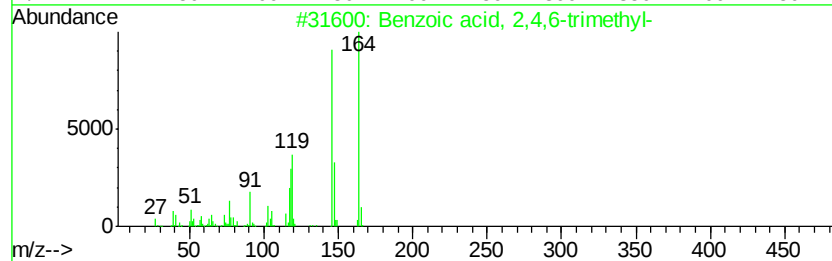
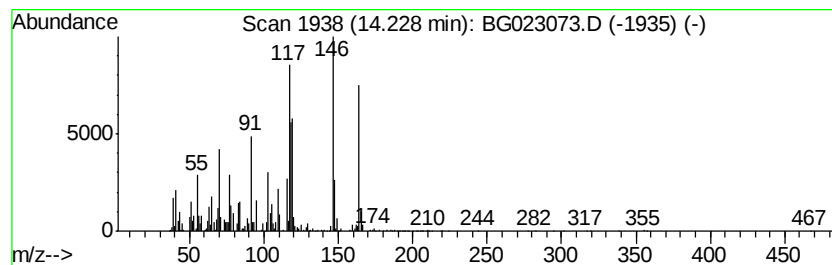
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	15.64 ng	3304400	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	76
2		7-Methylindan-1-one	146	C10H10O	039627-61-7	49
3		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	49
4		Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	46
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

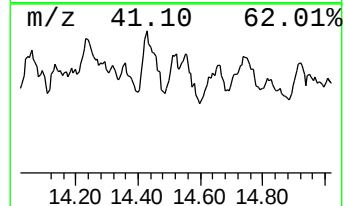
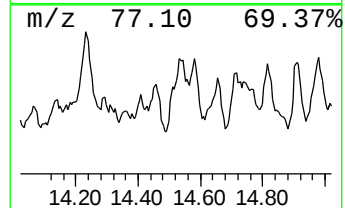
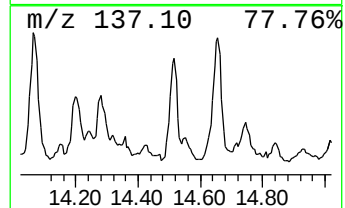
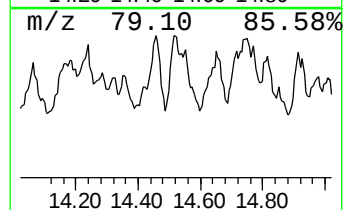
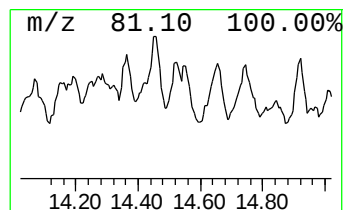
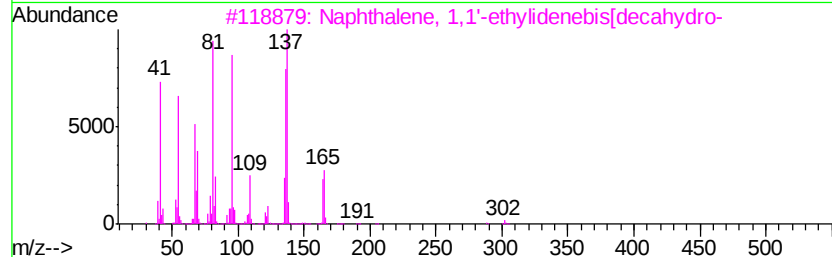
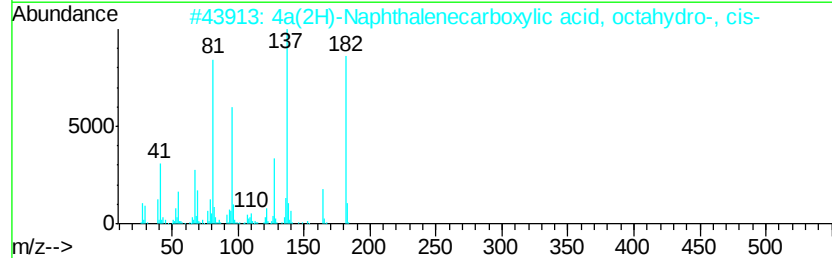
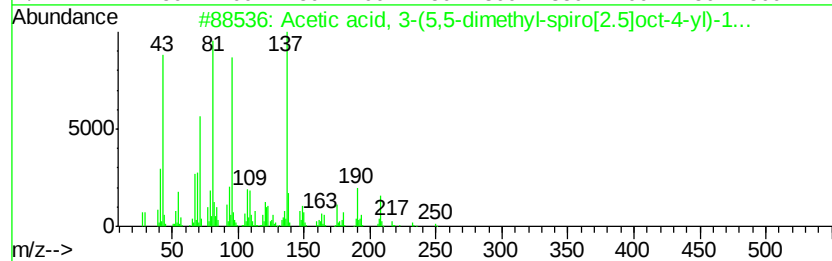
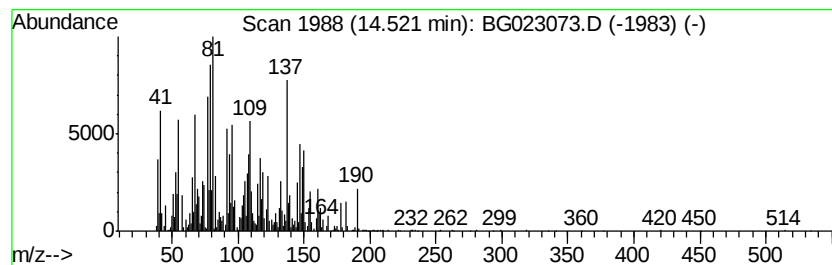
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.52 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	11.14 ng	2352950	Acenaphthene-d10	14.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Acetic acid, 3-(5,5-dimethyl-spi...	250 C16H26O2	077143-33-0 38
2		4a(2H)-Naphthalenecarboxylic aci...	182 C11H18O2	003021-73-6 38
3		Naphthalene, 1,1'-ethylidenebis[...	302 C22H38	054934-70-2 38
4		3,6-Octadien-1-ol, 3,7-dimethyl-...	154 C10H18O	005944-20-7 30
5		Arthole	152 C10H16O	1000281-70-0 25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
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ALS Vial : 7 Sample Multiplier: 1

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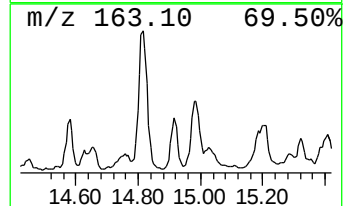
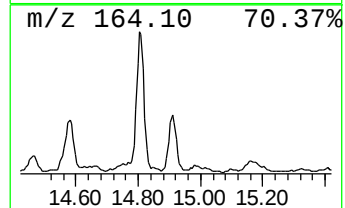
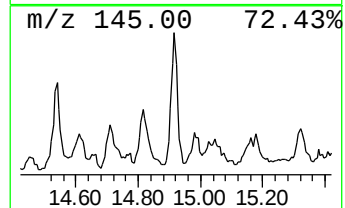
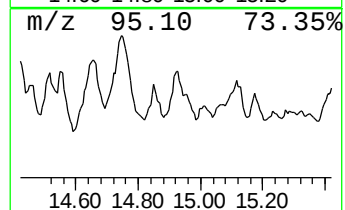
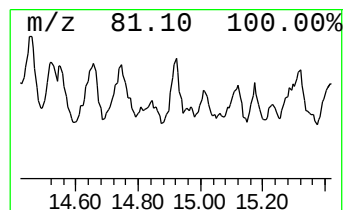
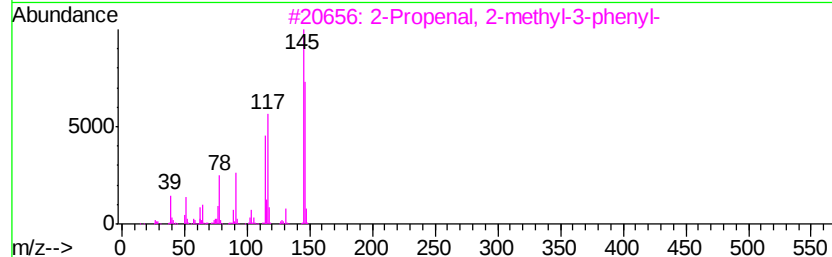
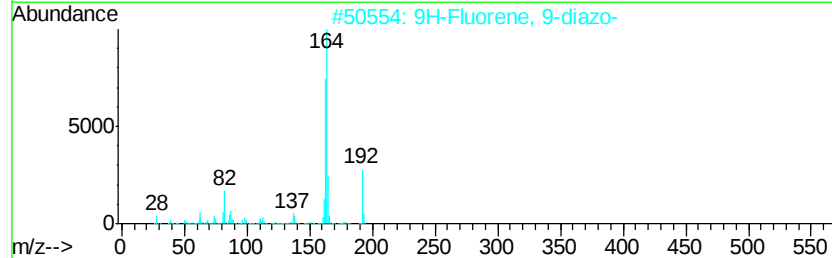
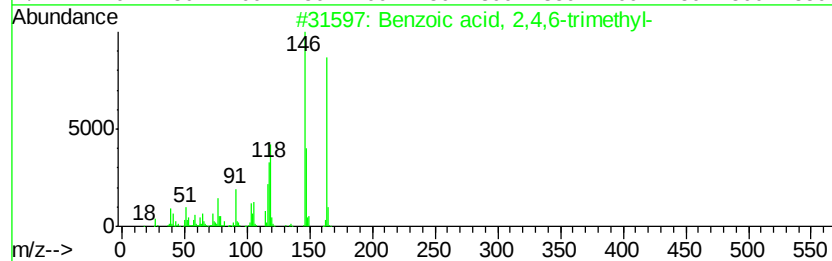
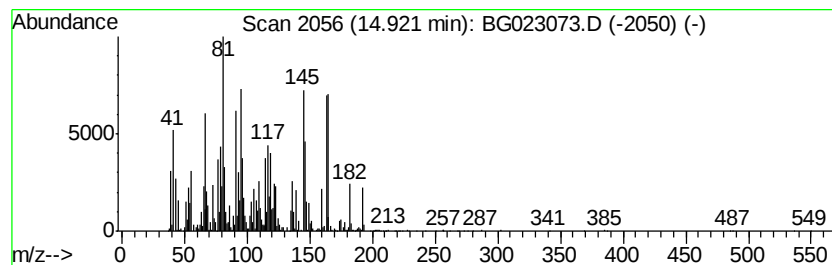
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	17.79 ng	3758270	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	42
2		9H-Fluorene, 9-diazo-	192	C13H8N2	000832-80-4	35
3		2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	30
4		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	25
5		2-Benzothiazolamine, 6-methyl-	164	C8H8N2S	002536-91-6	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0577

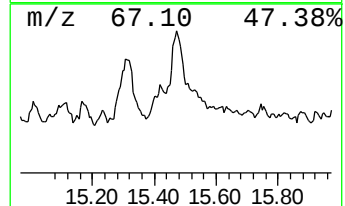
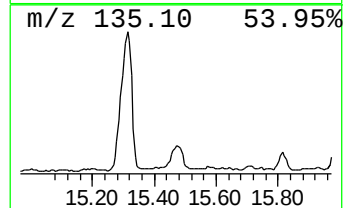
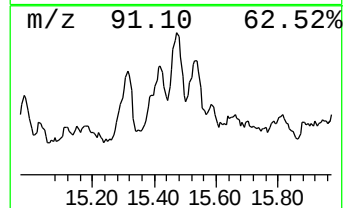
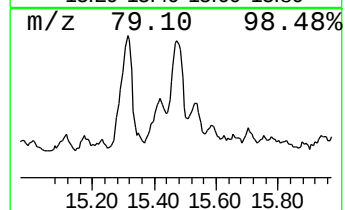
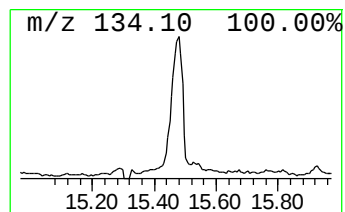
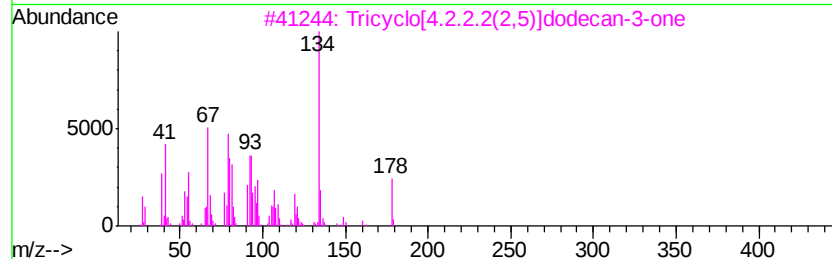
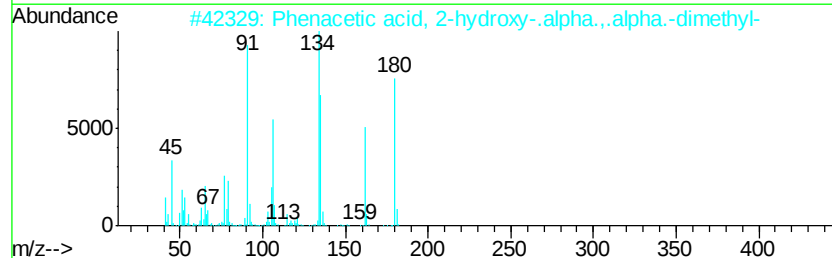
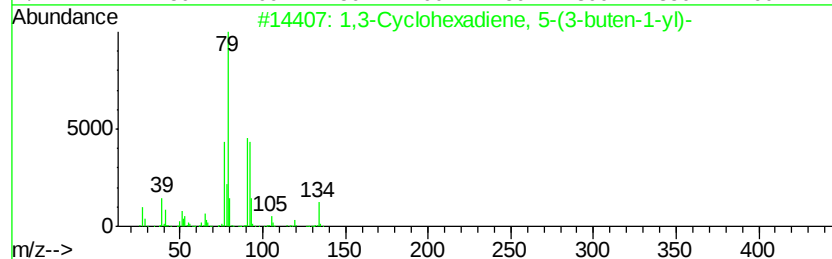
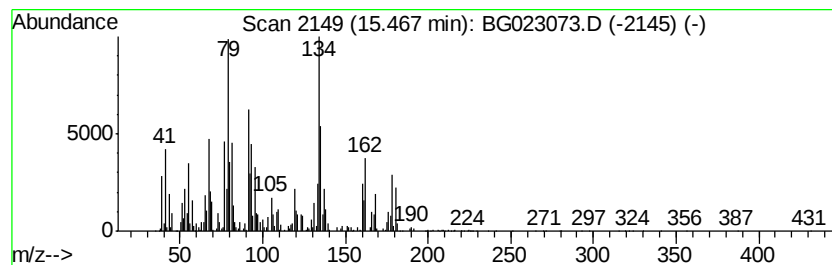
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	23.21 ng	4904210	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene, 5-(3-buten-1...	134	C10H14	197523-62-9	38
2		Phenacetic acid, 2-hydroxy-.alph...	180	C10H12O3	086549-98-6	38
3		Tricyclo[4.2.2.2(2,5)]dodecan-3-one	178	C12H18O	068177-17-3	38
4		Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	35
5		Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071316\
Data File : BG023073.D
Acq On : 13 Jul 2016 17:10
Operator : UM/SJ
Sample : H3853-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0577

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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
unknown7.69	7.69	45.7	ng	5567180	1	8.15	2438270	20.0
unknown8.40	8.40	12.5	ng	1527240	1	8.15	2438270	20.0
dl-2-Phenyl-1,2-p...	9.27	14.2	ng	1730460	1	8.15	2438270	20.0
Cyclopentane, 1,1...	9.97	24.4	ng	6589810	2	10.98	5411200	20.0
unknown10.76	10.76	14.4	ng	3893670	2	10.98	5411200	20.0
unknown11.24	11.24	16.7	ng	4510250	2	10.98	5411200	20.0
unknown11.57	11.57	15.2	ng	4118060	2	10.98	5411200	20.0
unknown12.59	12.59	21.0	ng	5670800	2	10.98	5411200	20.0
2H-Inden-2-one, 1...	12.83	16.8	ng	4543920	2	10.98	5411200	20.0
unknown12.90	12.90	19.1	ng	4042020	3	14.80	4226160	20.0
unknown13.02	13.02	14.1	ng	2985410	3	14.80	4226160	20.0
unknown13.27	13.27	12.9	ng	2714810	3	14.80	4226160	20.0
unknown13.32	13.32	34.8	ng	7359980	3	14.80	4226160	20.0
unknown14.14	14.14	15.8	ng	3346570	3	14.80	4226160	20.0
Benzoic acid, 2,4...	14.23	15.6	ng	3304400	3	14.80	4226160	20.0
unknown14.52	14.52	11.1	ng	2352950	3	14.80	4226160	20.0
unknown14.92	14.92	17.8	ng	3758270	3	14.80	4226160	20.0
unknown15.47	15.47	23.2	ng	4904210	3	14.80	4226160	20.0