

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035924.D
 Acq On : 27 Jul 2018 1:04
 Operator : JU/SJ
 Sample : J4163-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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	5.136	309	314	320	rBV2	25951	41612	1.13%	0.254%
2	5.606	388	394	406	rBV	308978	517167	14.08%	3.153%
3	7.192	656	664	676	rBV2	205688	410730	11.18%	2.504%
4	7.562	719	727	734	rBV	588879	1016557	27.68%	6.198%
5	8.026	798	806	813	rBV	119359	209920	5.72%	1.280%
6	8.349	847	861	871	rBV	534112	983899	26.79%	5.999%
7	9.189	997	1004	1018	rBV	423261	804404	21.90%	4.905%
8	10.828	1274	1283	1292	rBV	153585	298368	8.12%	1.819%
9	11.292	1356	1362	1369	rVB3	44062	92199	2.51%	0.562%
10	11.404	1374	1381	1388	rVB3	31274	69403	1.89%	0.423%
11	11.721	1432	1435	1442	rVB7	22273	39824	1.08%	0.243%
12	12.079	1490	1496	1501	rBV5	19304	42097	1.15%	0.257%
13	12.144	1501	1507	1516	rVB3	42483	85638	2.33%	0.522%
14	13.113	1666	1672	1677	rBV	90470	142388	3.88%	0.868%
15	13.272	1690	1699	1705	rBV	1351558	2056153	55.98%	12.537%
16	13.319	1705	1707	1715	rVB7	33971	47557	1.29%	0.290%
17	13.442	1723	1728	1732	rBV8	27890	55034	1.50%	0.336%
18	13.983	1814	1820	1825	rBV3	52782	90933	2.48%	0.554%
19	14.100	1835	1840	1846	rVB	72748	105518	2.87%	0.643%
20	14.165	1846	1851	1855	rBV2	54423	90681	2.47%	0.553%
21	14.382	1880	1888	1893	rBV8	39110	121161	3.30%	0.739%
22	14.646	1928	1933	1939	rBV2	272848	458089	12.47%	2.793%
23	14.699	1939	1942	1948	rVB6	53701	80040	2.18%	0.488%
24	15.251	2031	2036	2040	rBV7	26144	61183	1.67%	0.373%
25	15.345	2047	2052	2058	rBV2	153925	213566	5.81%	1.302%
26	15.598	2091	2095	2102	rVB10	24745	45244	1.23%	0.276%
27	15.903	2144	2147	2153	rBV8	29808	69019	1.88%	0.421%
28	16.021	2162	2167	2168	rBV4	72958	110894	3.02%	0.676%
29	16.138	2180	2187	2199	rVB	1231231	1932787	52.62%	11.785%
30	17.390	2395	2400	2406	rBV2	407029	635396	17.30%	3.874%
31	18.277	2547	2551	2560	rBV5	60724	104357	2.84%	0.636%
32	19.998	2838	2844	2851	rBV	2737817	3672824	100.00%	22.395%
33	21.290	3061	3064	3074	rBV3	64062	116644	3.18%	0.711%
34	21.654	3120	3126	3133	rBV	471321	773939	21.07%	4.719%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	23.922	3505	3512	3516	rBV6	17047	37121	1.01%	0.226%
36	24.850	3659	3670	3686	rBV2	266842	767831	20.91%	4.682%

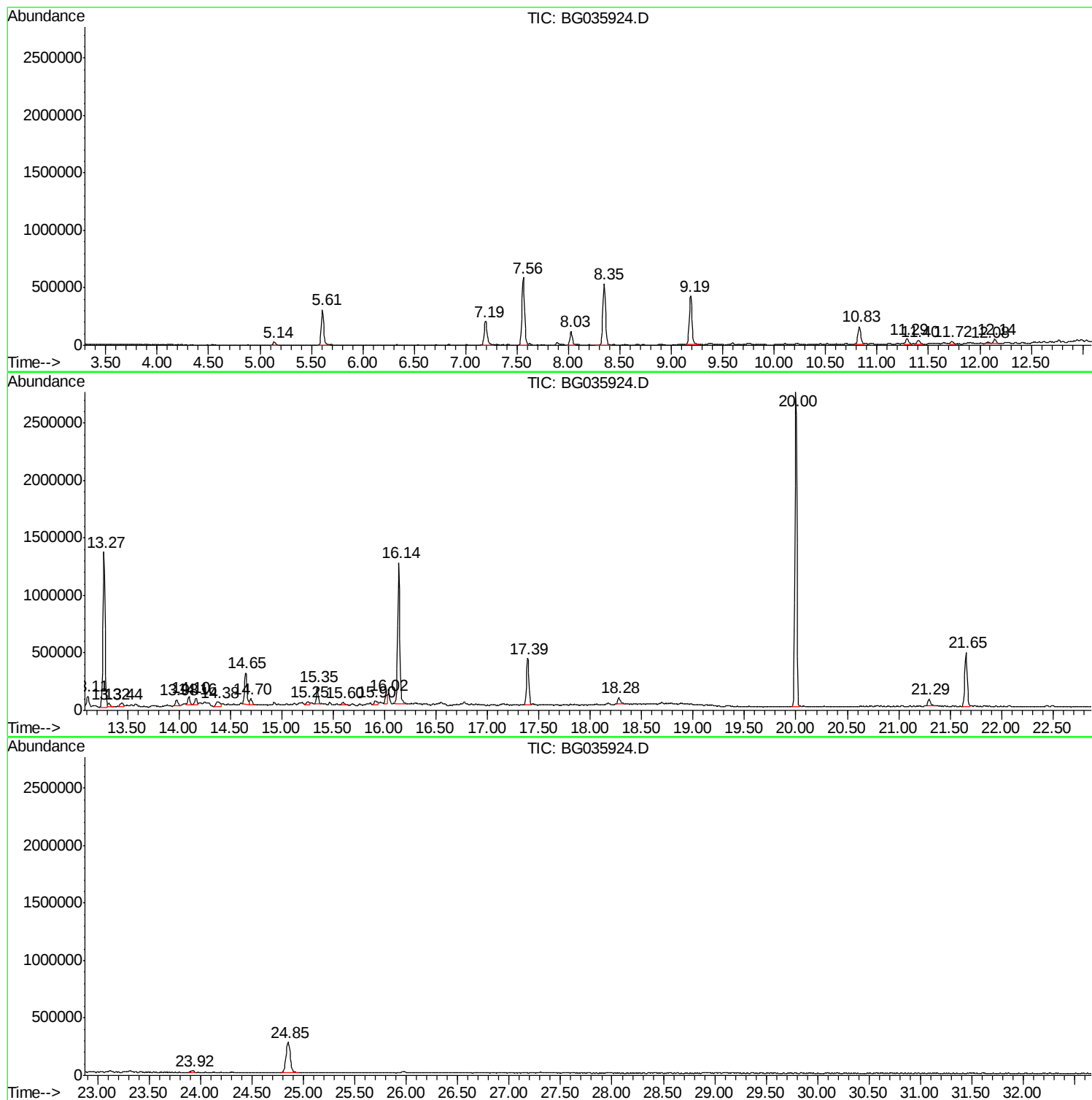
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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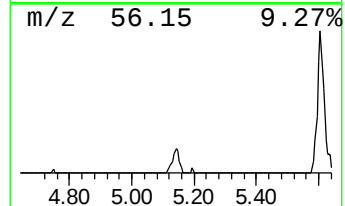
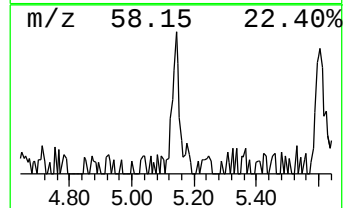
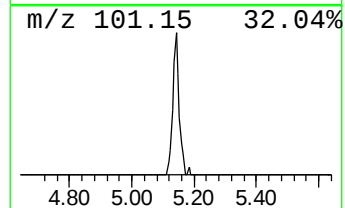
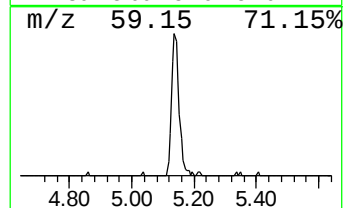
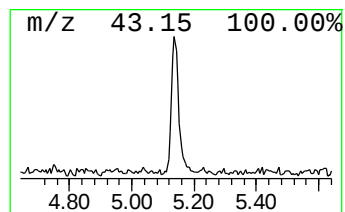
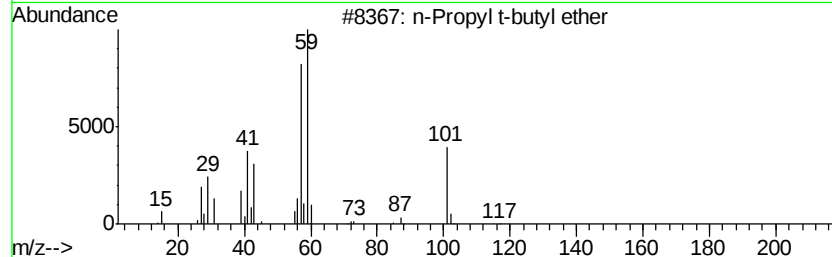
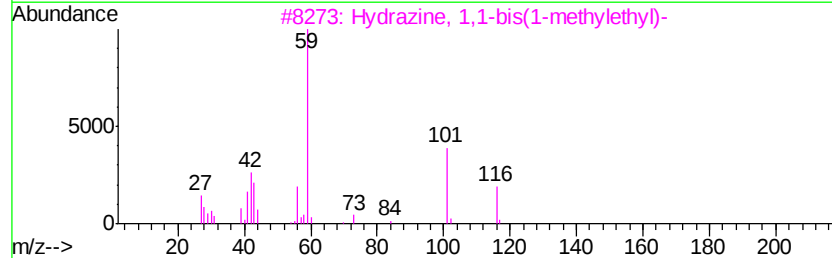
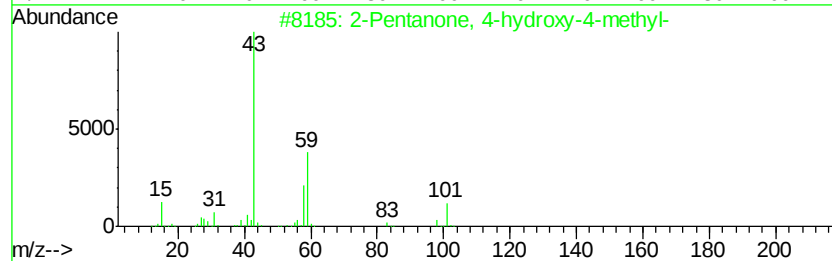
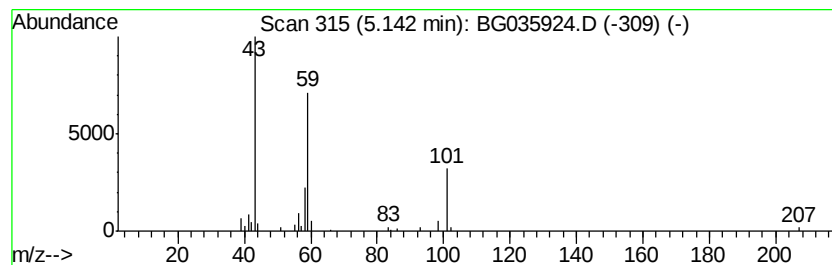
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.96 ng	41612	1,4-Dichlorobenzene-d4	8.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	33
3			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4			Ether, hexyl t-butyl	158	C10H22O	069775-79-7	17
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	16



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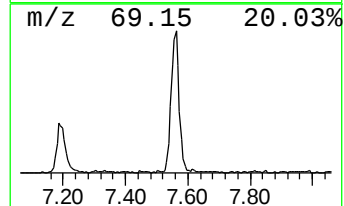
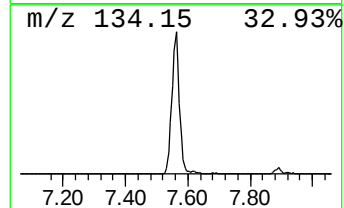
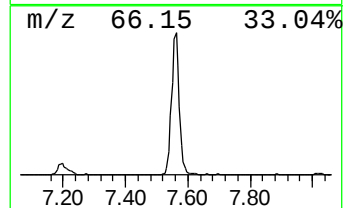
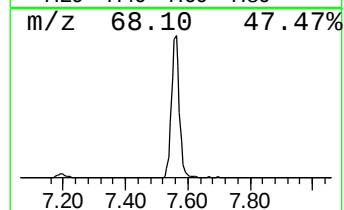
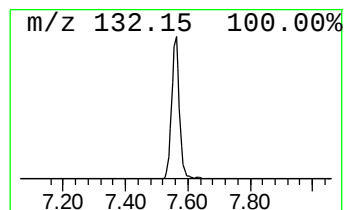
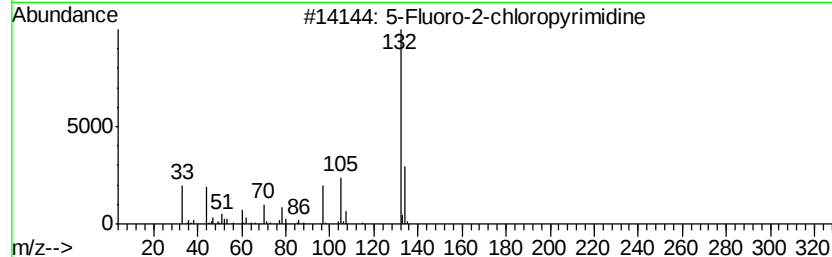
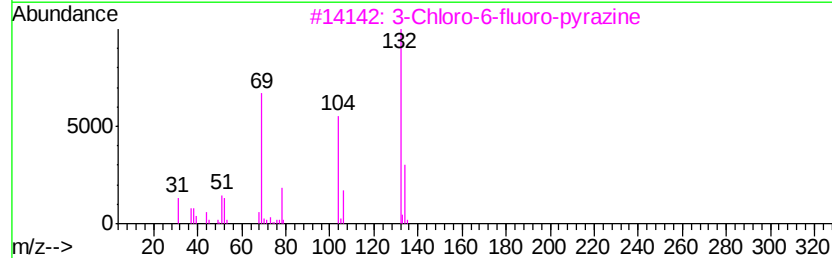
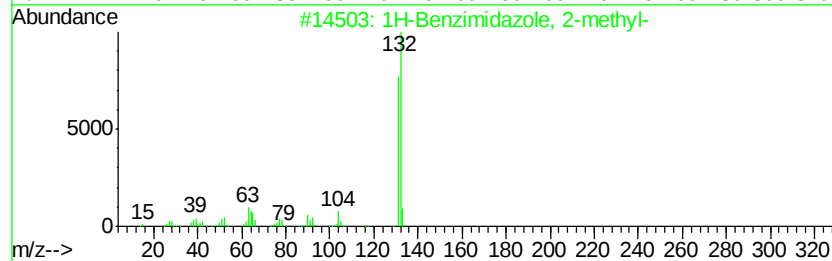
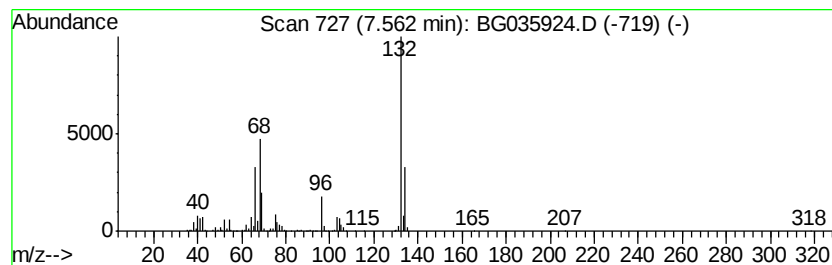
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	96.85 ng	1016560	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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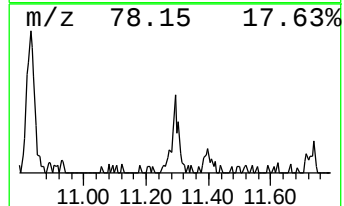
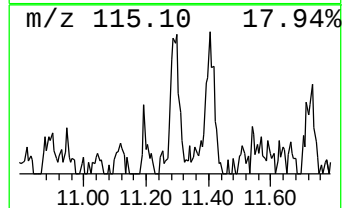
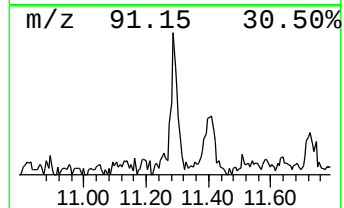
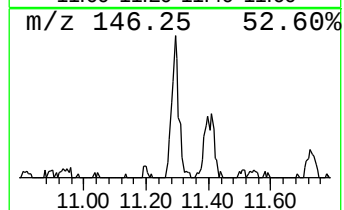
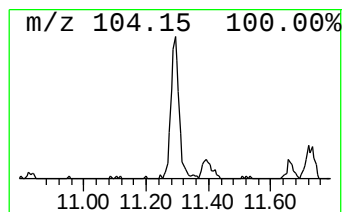
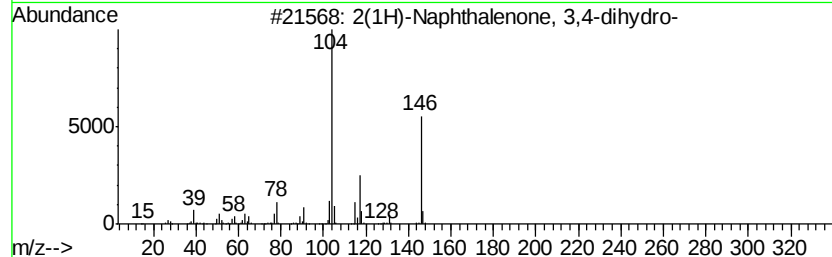
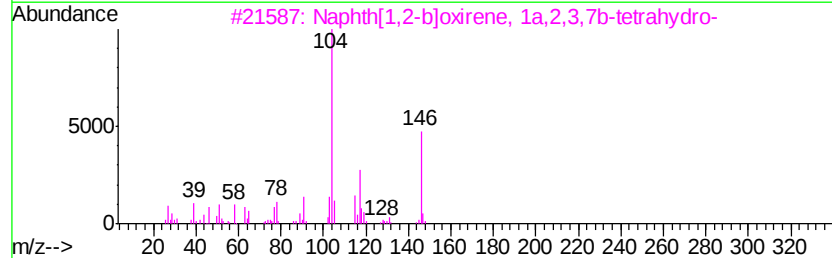
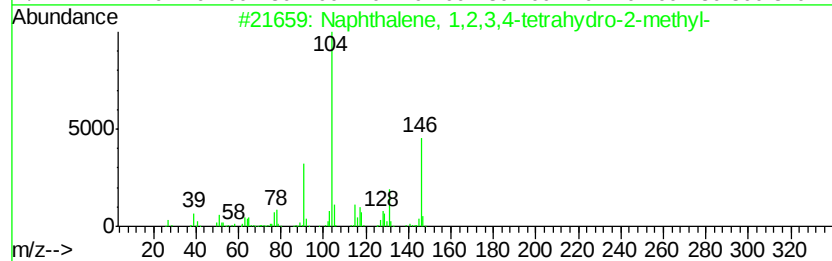
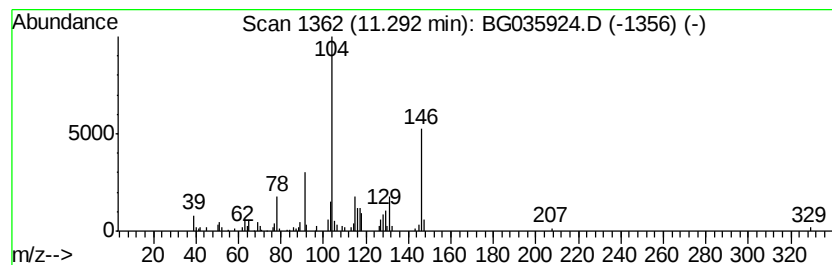
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	6.18 ng	92199	Naphthalene-d8	10.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
3		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	59
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43
5		5H-Benzocycloheptene, 6,7,8,9-tet...	146	C11H14	001075-16-7	37



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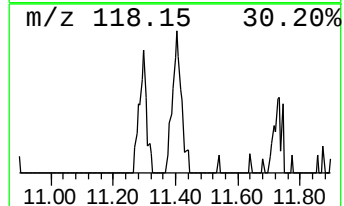
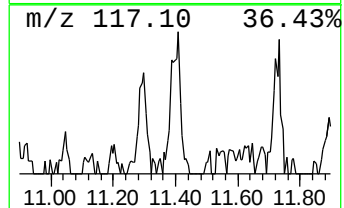
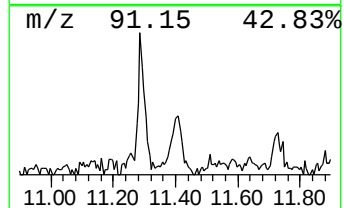
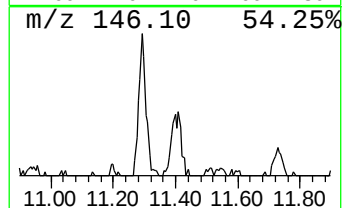
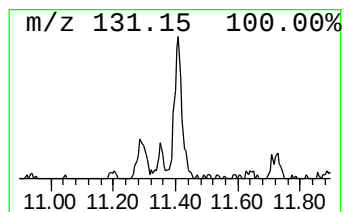
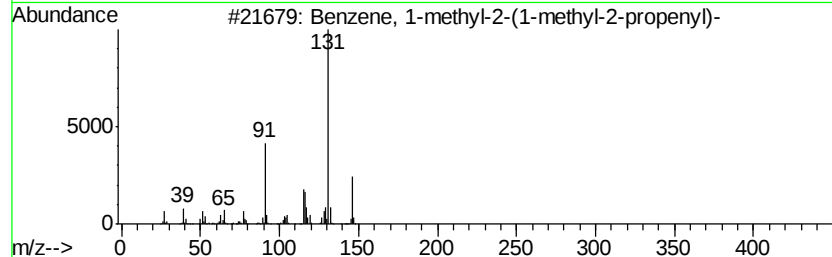
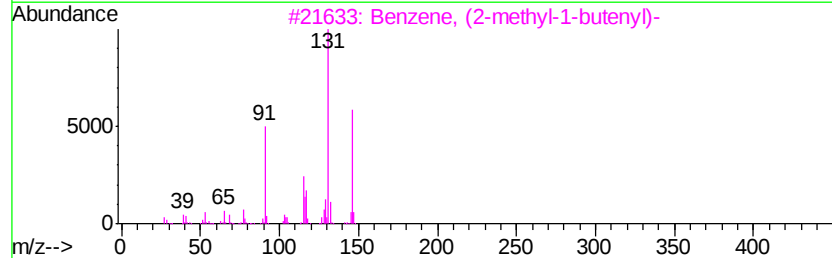
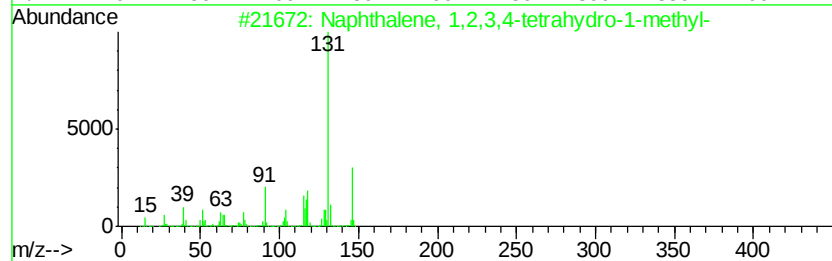
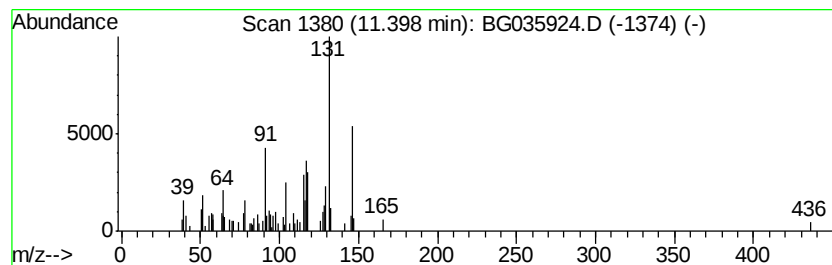
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	4.65 ng	69403	Naphthalene-d8	10.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
2		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
3		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
4		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5		1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	68



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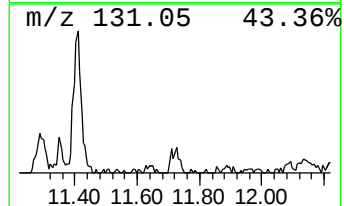
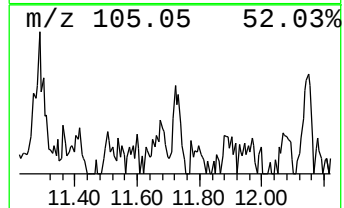
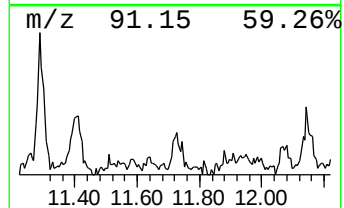
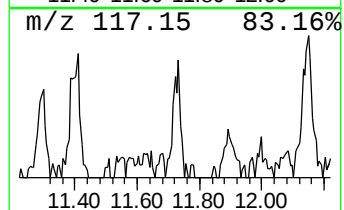
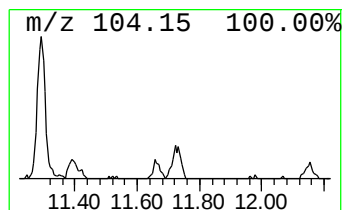
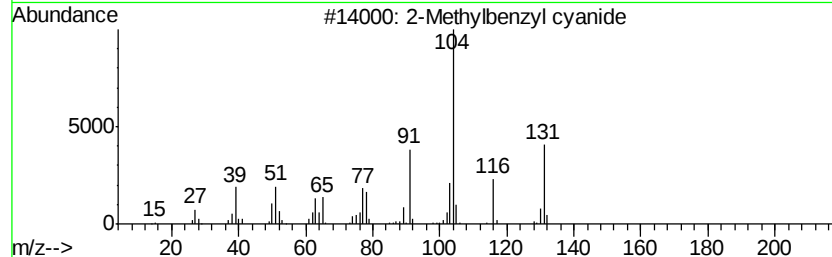
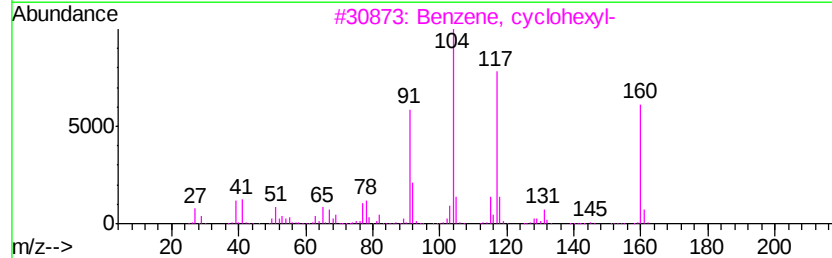
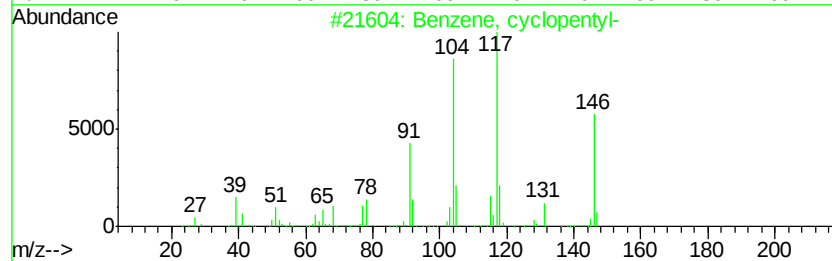
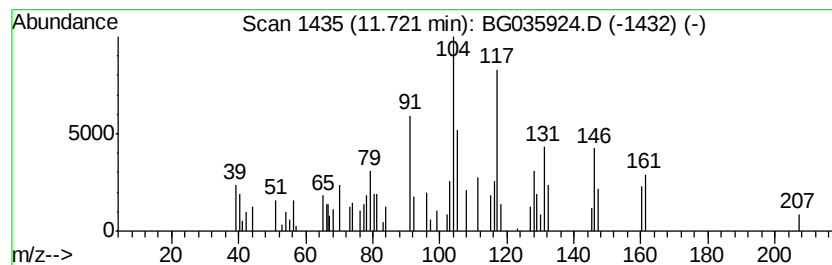
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Peak Number 6 unknown11.72 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.67 ng	39824	Naphthalene-d8	10.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, cyclopentyl-	146	C11H14	000700-88-9	45
2		Benzene, cyclohexyl-	160	C12H16	000827-52-1	41
3		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	35
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	22
5		Azulene, 1,2,3,3a-tetrahydro-	132	C10H12	033877-87-1	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-13

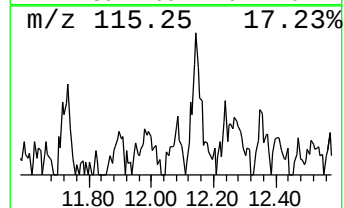
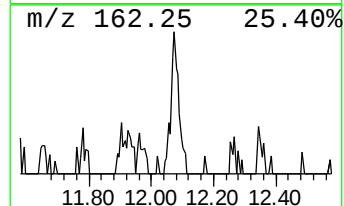
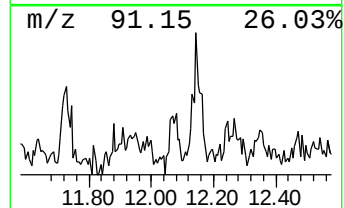
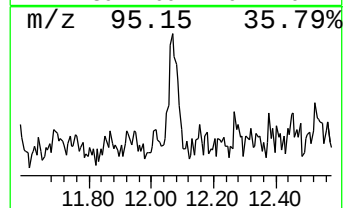
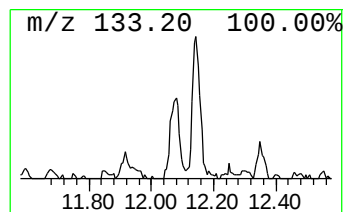
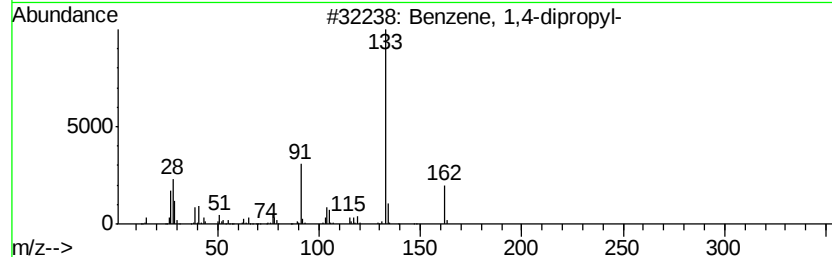
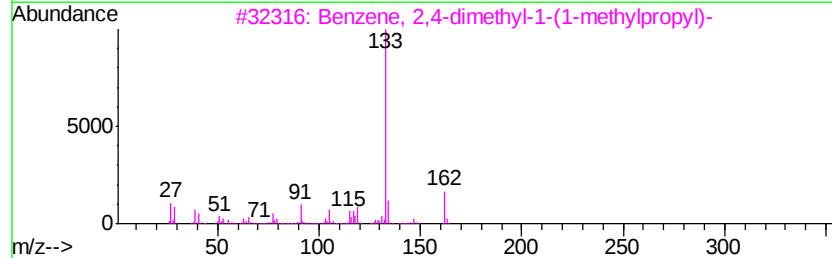
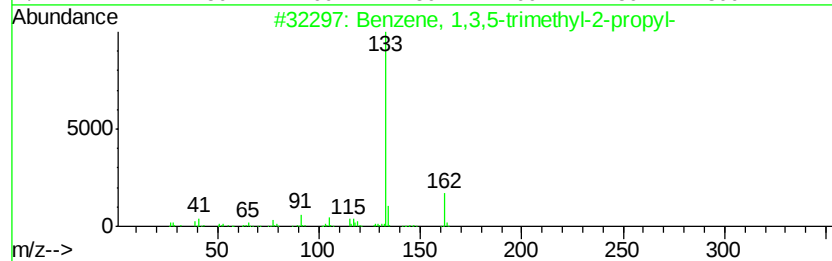
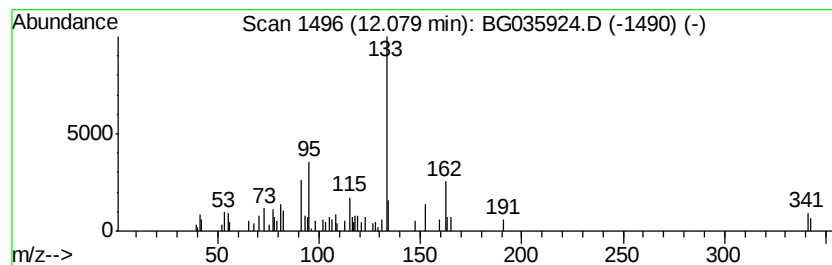
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown12.08 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	2.82 ng	42097	Napthalene-d8	10.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	47
2		Benzene, 2,4-dimethyl-1-(1-methylpropyl)-	162	C12H18	001483-60-9	47
3		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	47
4		1-(3-Methylbutyl)-2,4,6-trimethylbenzene	190	C14H22	016204-65-2	43
5		1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13

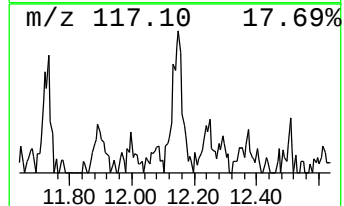
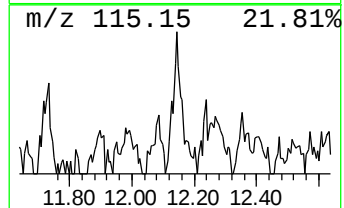
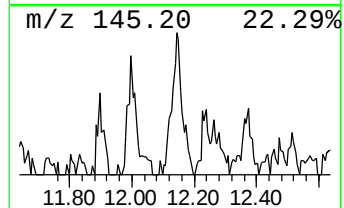
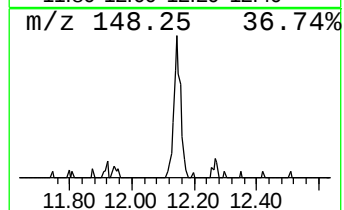
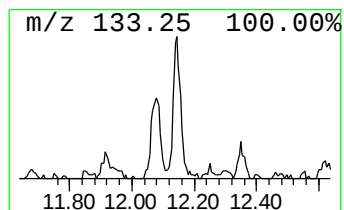
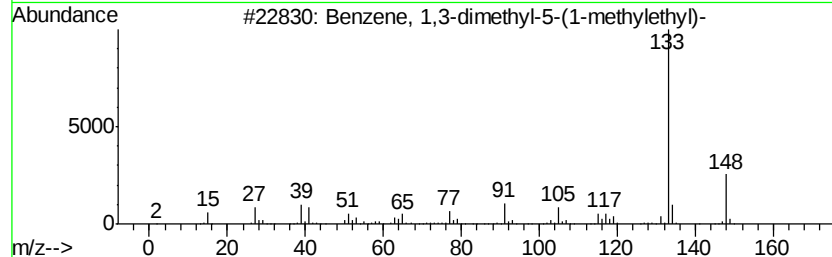
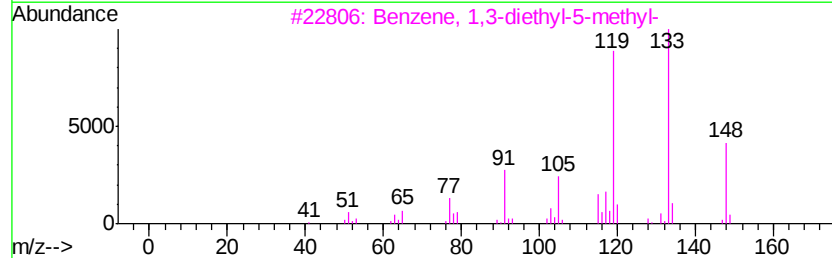
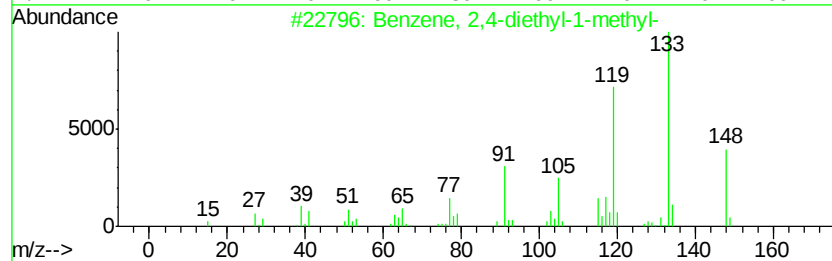
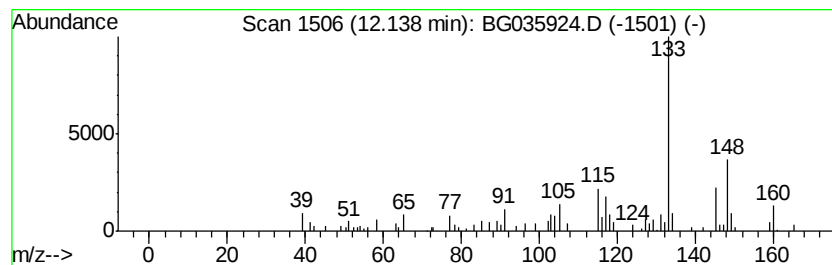
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	5.74 ng	85638	Napthalene-d8	10.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	64
2		Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
3		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
4		Benzene, pentamethyl-	148	C11H16	000700-12-9	52
5		5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

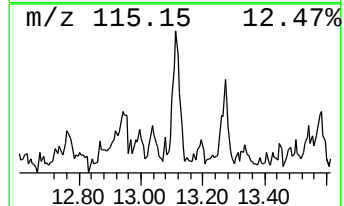
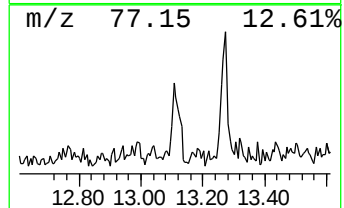
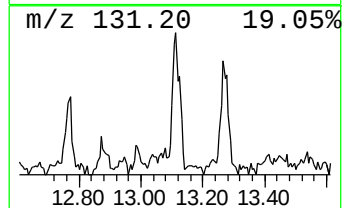
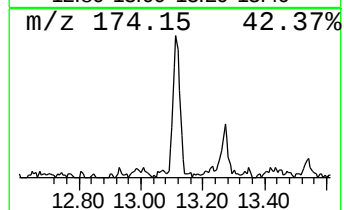
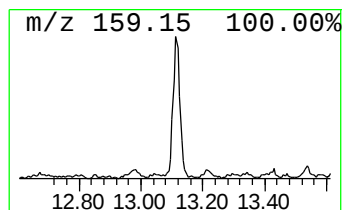
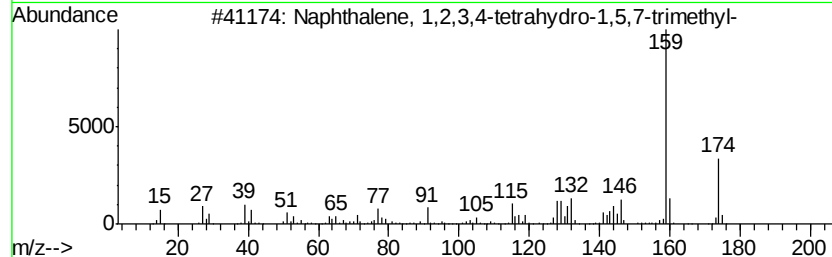
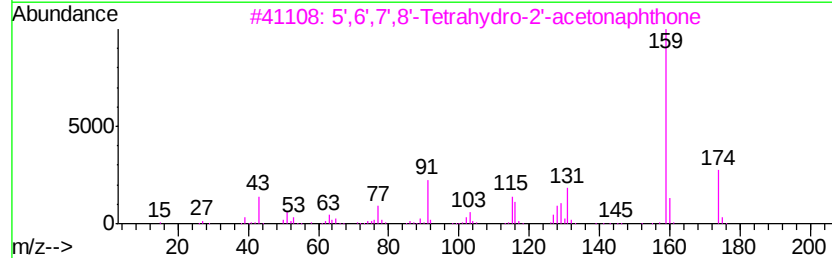
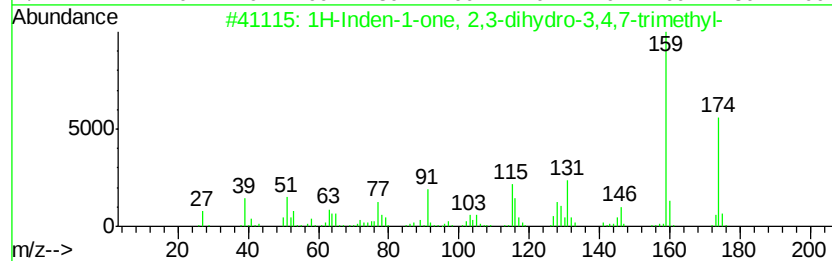
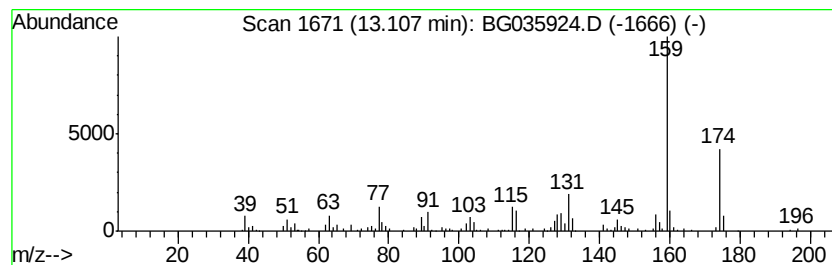
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	6.22 ng	142388	Acenaphthene-d10	14.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Inden-1-one, 2,3-dihydro-3,4,...	174 C12H14O	035322-84-0 93
2		5',6',7',8'-Tetrahydro-2'-aceton...	174 C12H14O	000774-55-0 87
3		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	021693-55-0 86
4		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	030316-36-0 83
5		Naphthalene, 1,2,3,4-tetrahydro-...	174 C13H18	000475-03-6 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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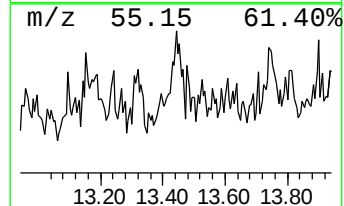
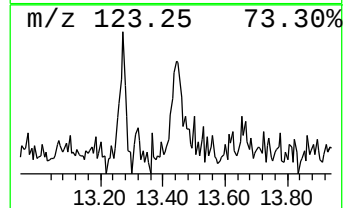
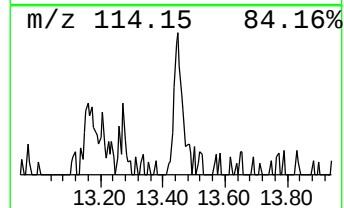
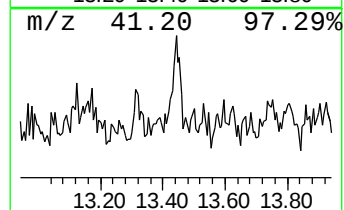
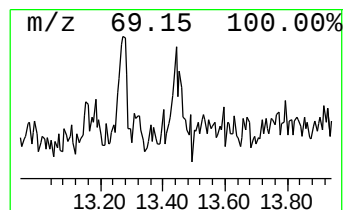
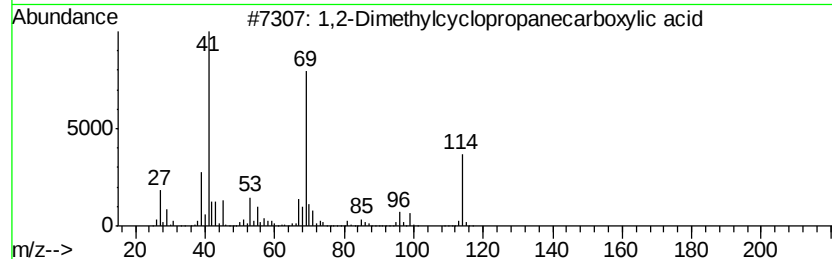
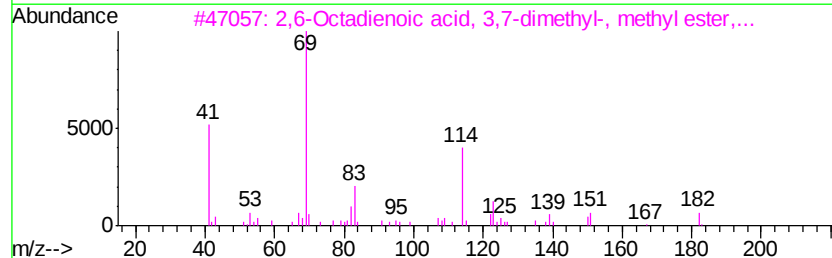
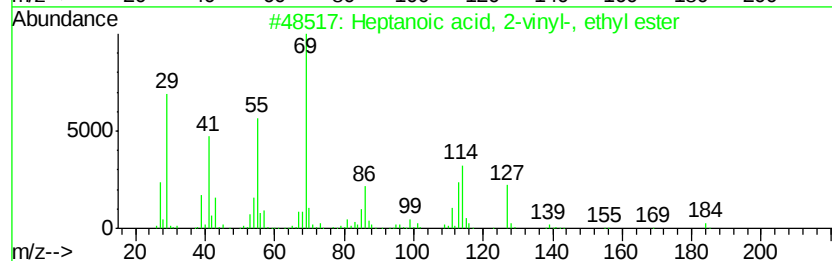
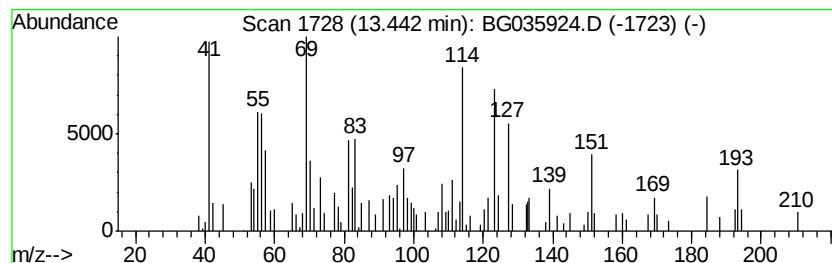
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown13.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	2.40 ng	55034	Acenaphthene-d10	14.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanoic acid, 2-vinyl-, ethyl ...	184	C11H20O2	091213-09-1	49
2			2,6-Octadienoic acid, 3,7-dimeth...	182	C11H18O2	001862-61-9	38
3			1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	27
4			2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	27
5			3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	000141-10-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
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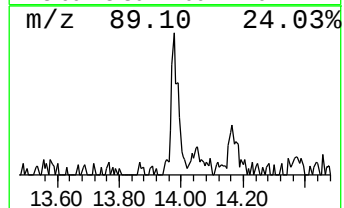
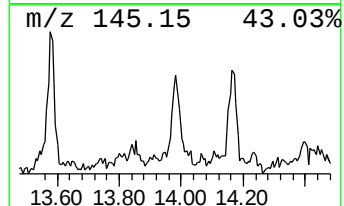
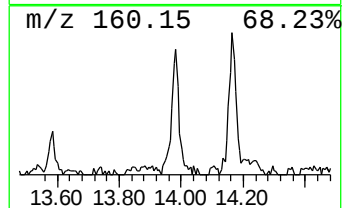
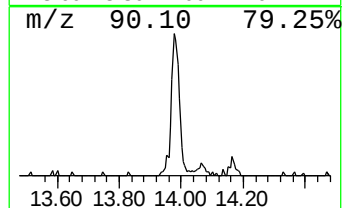
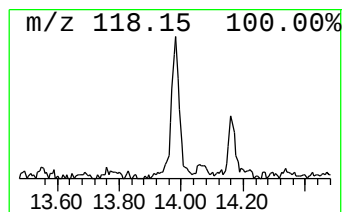
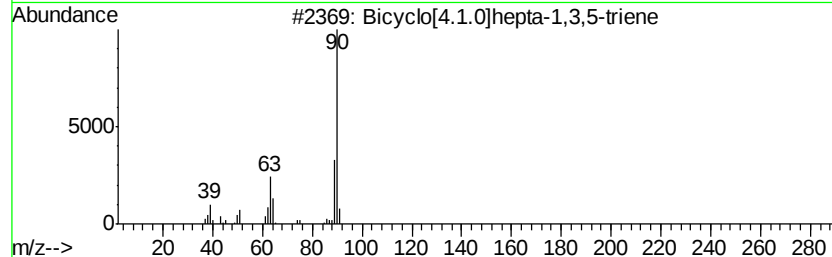
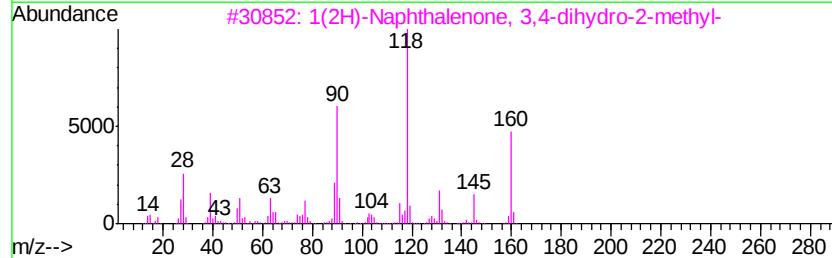
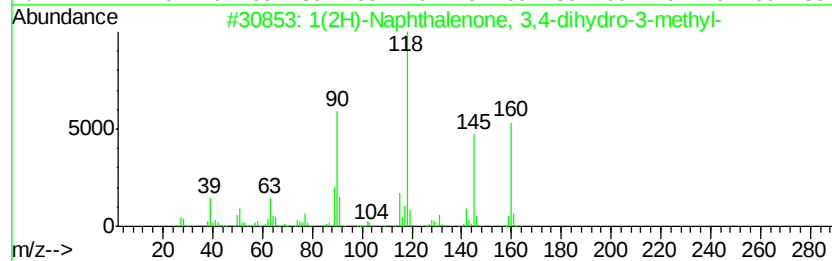
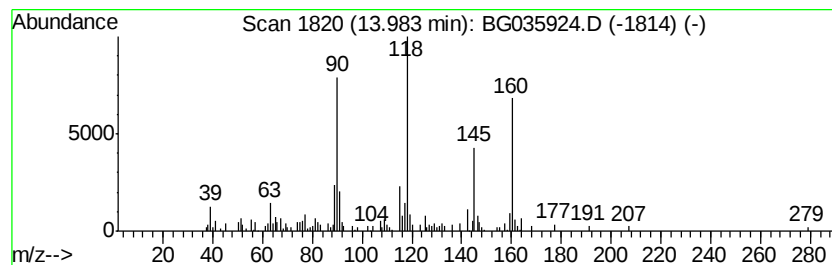
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	3.97 ng	90933	Acenaphthene-d10	14.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(2H)-Naphthalenone, 3,4-dihydro...	160 C11H12O	014944-23-1 94
2		1(2H)-Naphthalenone, 3,4-dihydro...	160 C11H12O	001590-08-5 64
3		Bicyclo[4.1.0]hepta-1,3,5-triene	90 C7H6	004646-69-9 53
4		4-Methylphthalic anhydride	162 C9H6O3	019438-61-0 53
5		1(2H)-Naphthalenone, 3,4-dihydro-	146 C10H10O	000529-34-0 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
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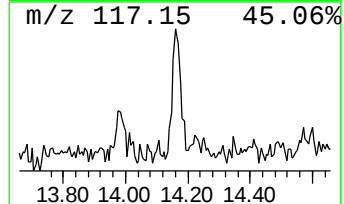
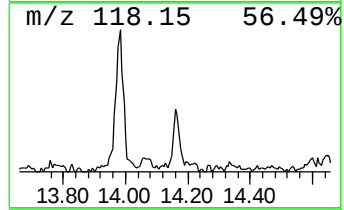
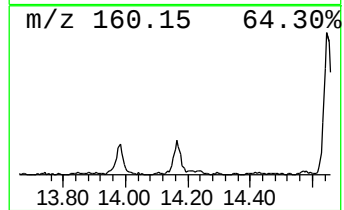
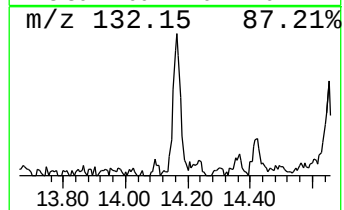
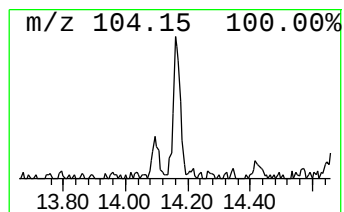
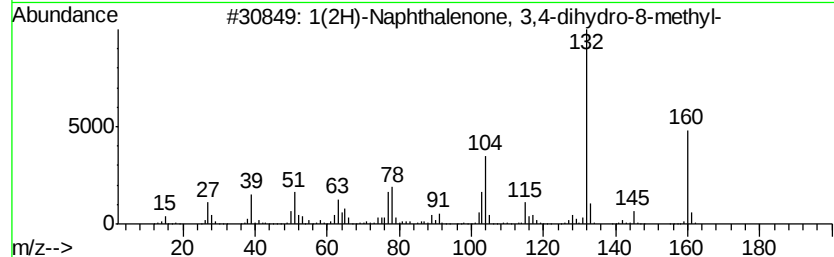
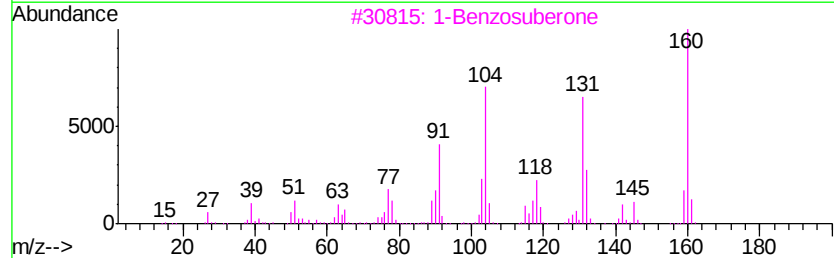
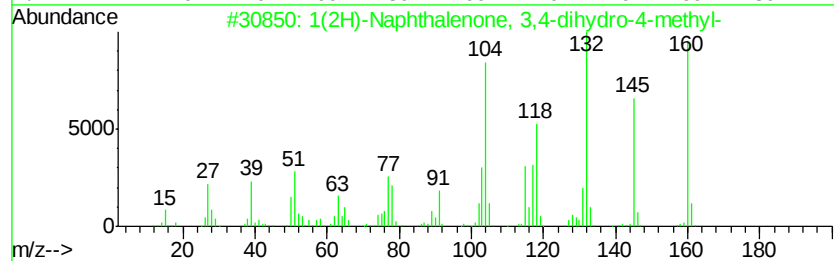
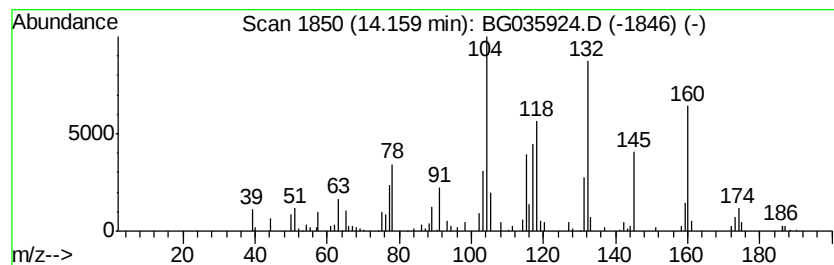
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.16	3.96 ng	90681	Acenaphthene-d10		14.65		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	019832-98-5	91
2			1-Benzosuberone	160	C11H12O	000826-73-3	52
3			1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	051015-28-2	38
4			Adamantane-1-ethynyl	160	C12H16	040430-66-8	38
5			2H-1-Benzopyran-2-one, 6-methyl-	160	C10H8O2	000092-48-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
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ClientSampleId :
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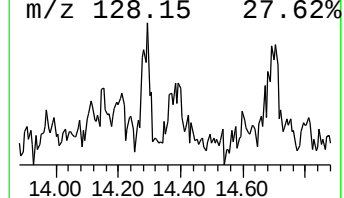
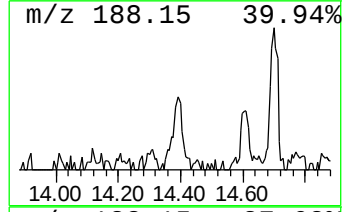
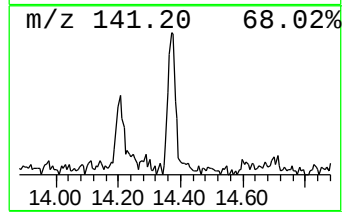
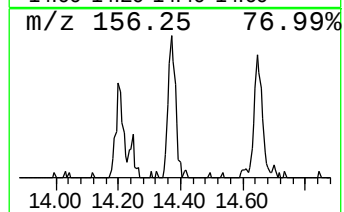
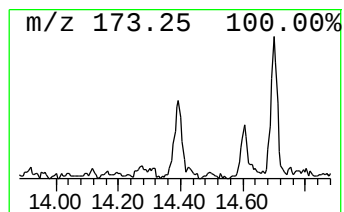
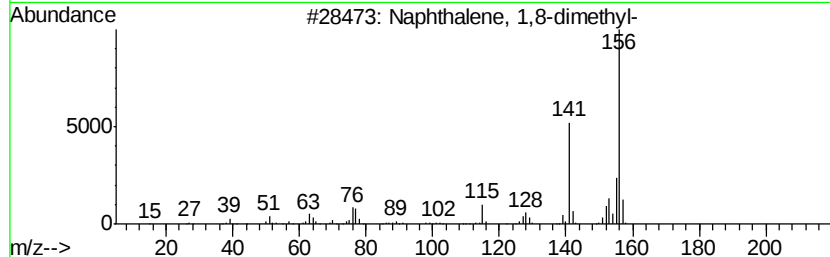
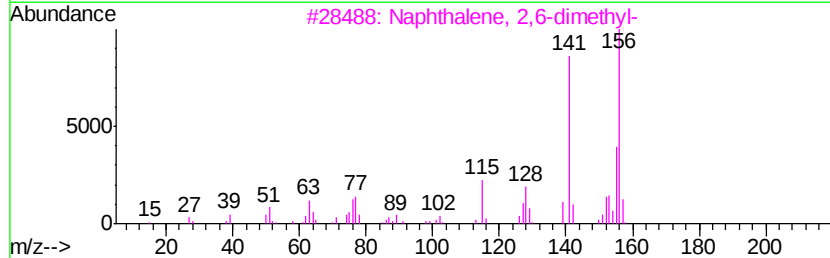
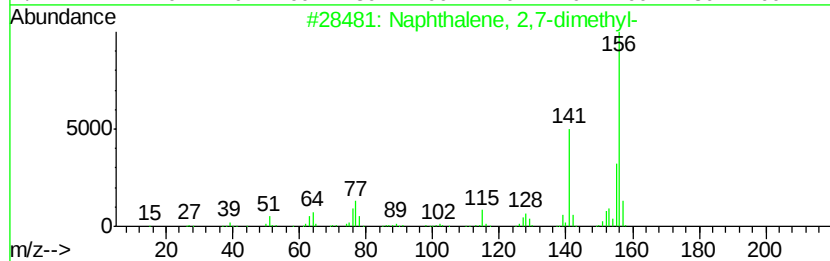
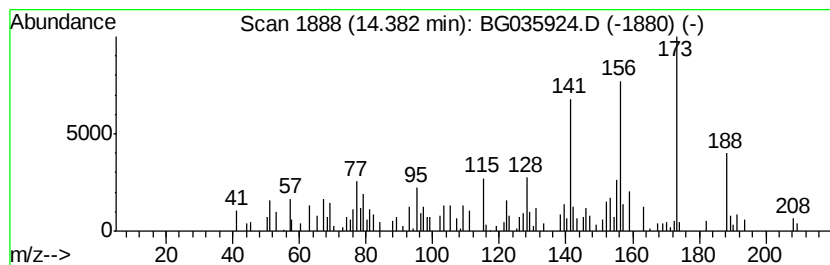
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	5.29 ng	121161	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	52
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	52
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	46
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13

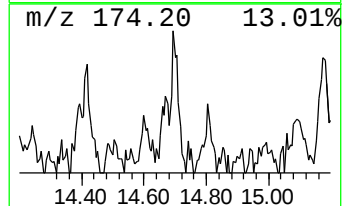
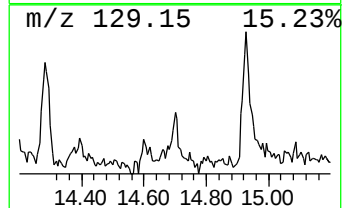
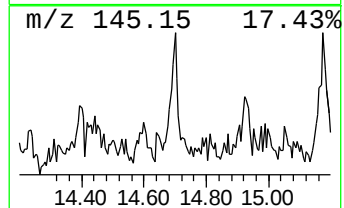
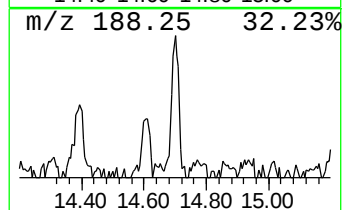
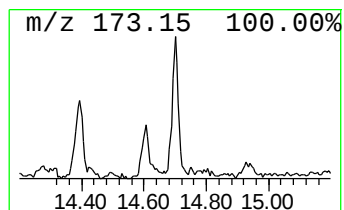
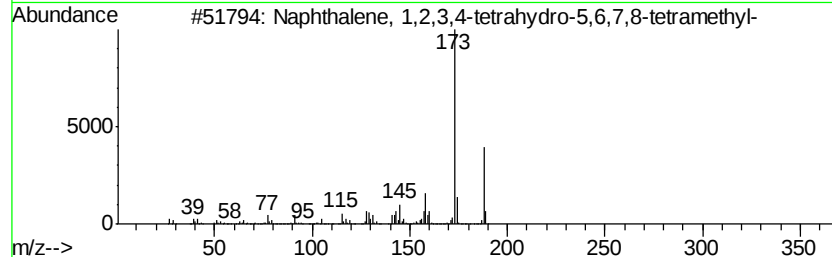
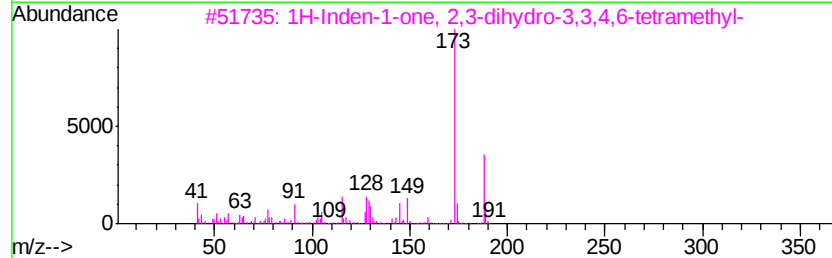
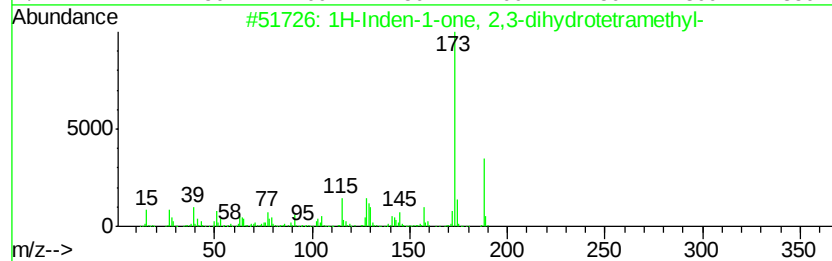
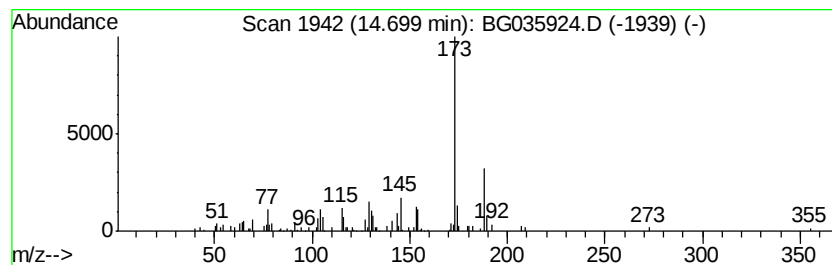
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.49 ng	80040	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-tetra...	188	C13H16O	089907-33-5	76
2		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	055255-42-0	74
3		Naphthalene, 1,2,3,4-tetrahydro-...	188	C14H20	019063-11-7	68
4		1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	68
5		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-13

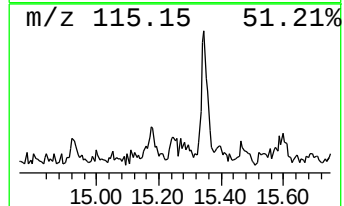
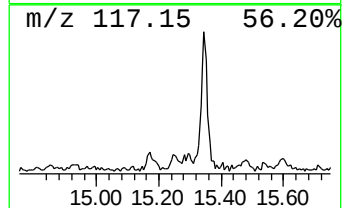
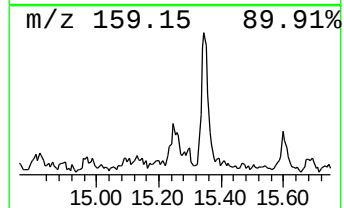
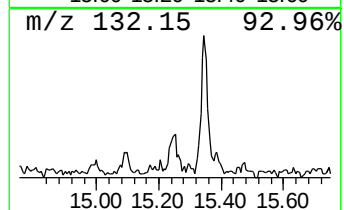
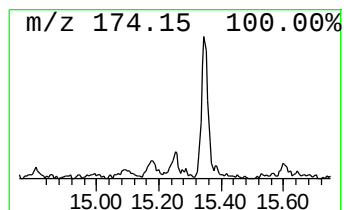
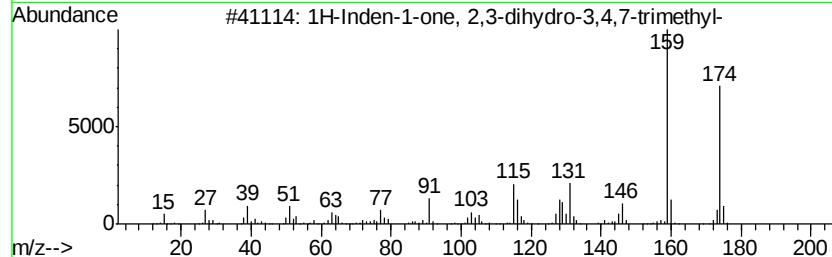
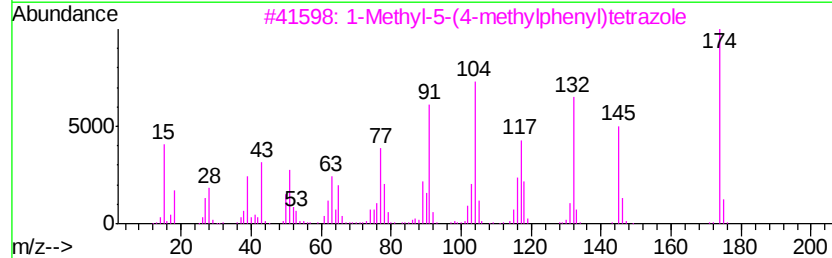
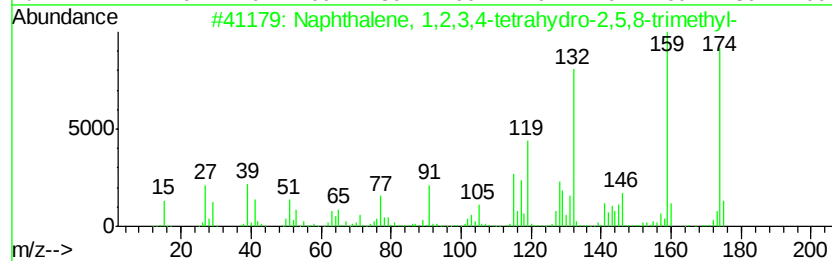
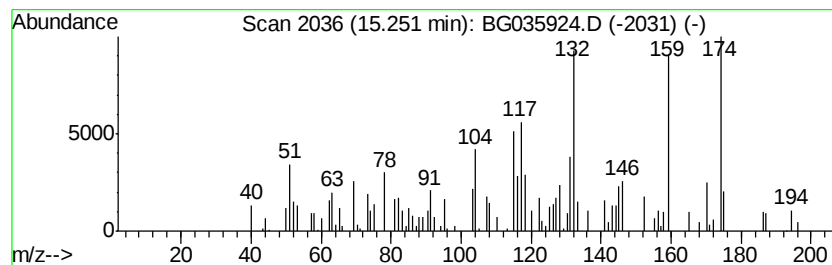
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown15.25 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	2.67 ng	61183	Acenaphthene-d10	14.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-17-7	49
2		1-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	068826-33-5	49
3		1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	38
4		Benzene, 2-(2-butenyl)-1,3,5-tri...	174	C13H18	063435-25-6	38
5		1,2-Cyclopentanedione, 3-phenyl-	174	C11H10O2	069745-71-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

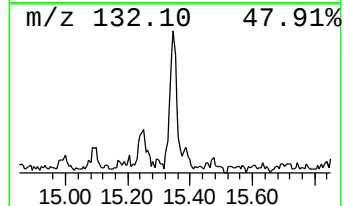
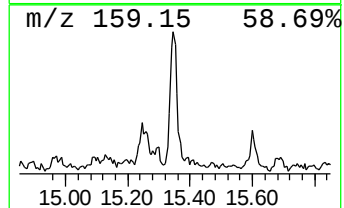
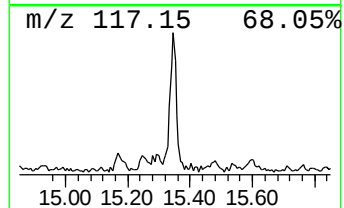
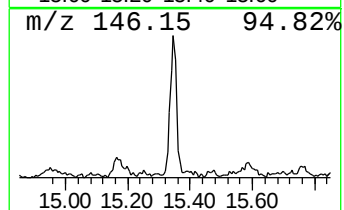
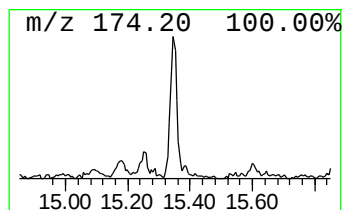
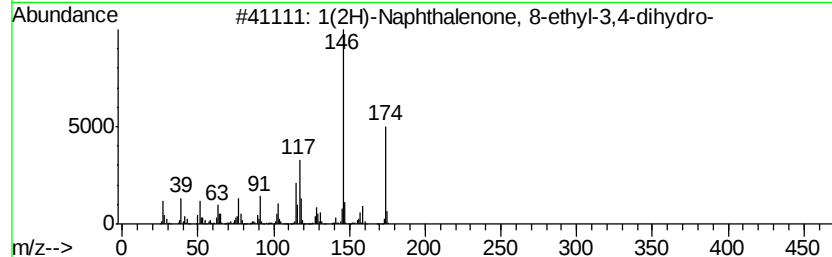
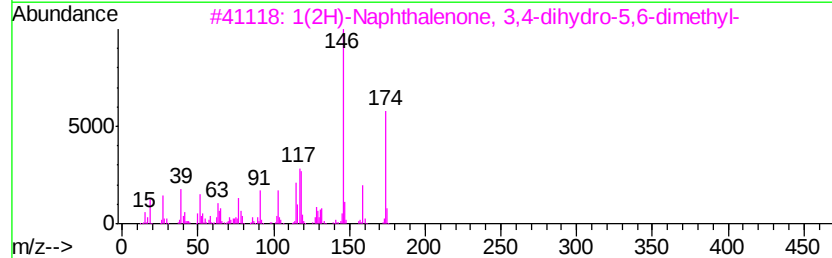
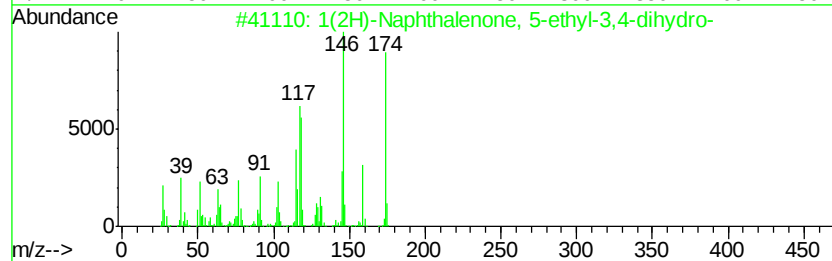
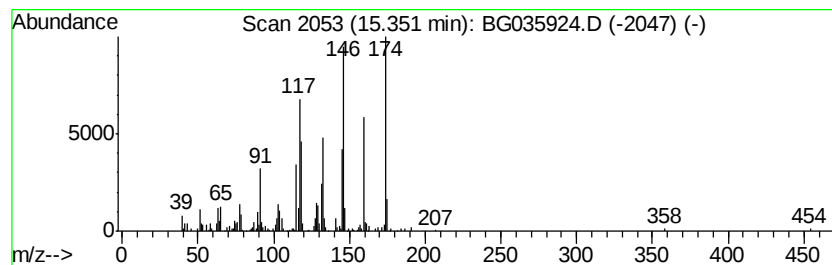
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	9.32 ng	213566	Acenaphthene-d10	14.65
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1(2H)-Naphthalenone, 5-ethyl-3,4...	174 C12H14O	051015-31-7 93
2		1(2H)-Naphthalenone, 3,4-dihydro...	174 C12H14O	032281-65-5 64
3		1(2H)-Naphthalenone, 8-ethyl-3,4...	174 C12H14O	051015-33-9 62
4		Benzene, 1,3-diisocyanato-2-methyl-	174 C9H6N2O2	000091-08-7 55
5		1(2H)-Naphthalenone, 3,4-dihydro...	174 C12H14O	013621-25-5 55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

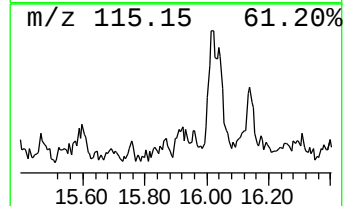
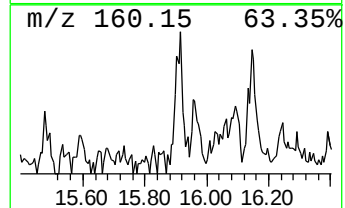
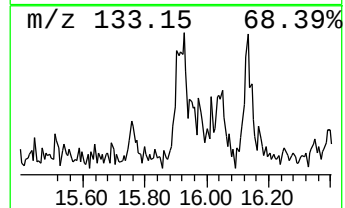
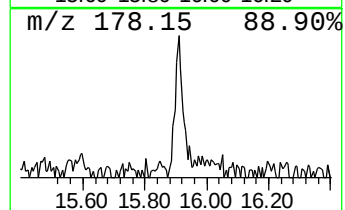
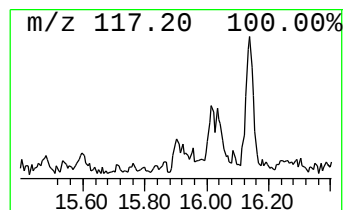
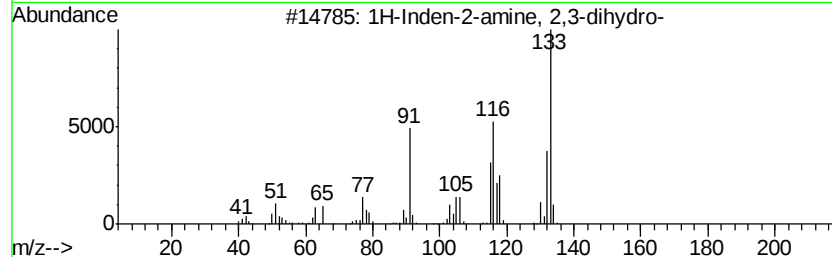
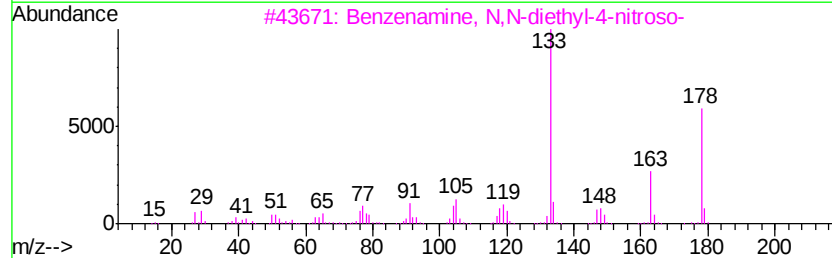
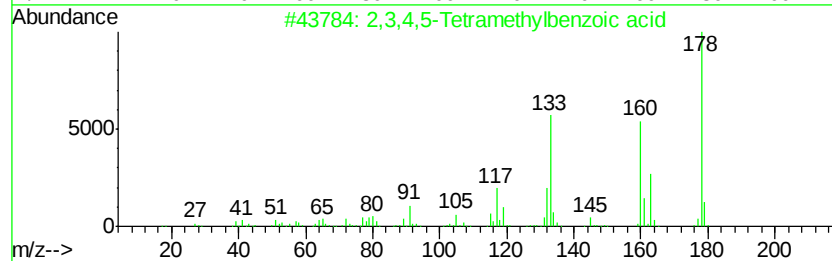
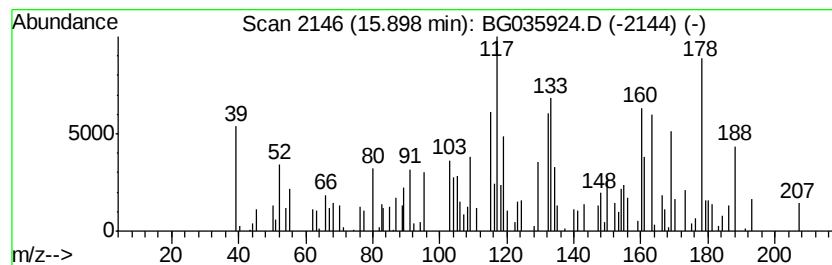
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2,3,4,5-Tetramethylbenzoic ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.90	3.01 ng	69019	Acenaphthene-d10	14.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4,5-Tetramethylbenzoic acid	178	C11H14O2	002529-39-7	76
2	Benzenamine, N,N-diethyl-4-nitroso-	178	C10H14N2O	000120-22-9	22
3	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	20
4	2-Phenylthiacyclohexane	178	C11H14S	022398-05-6	18
5	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
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Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-13

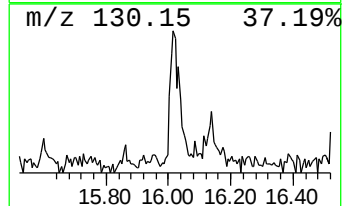
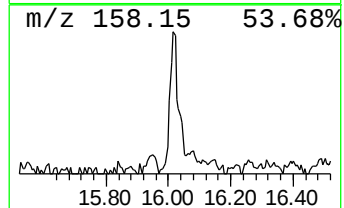
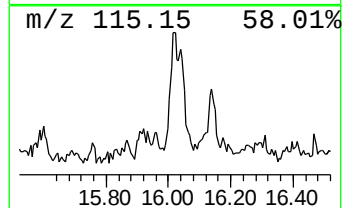
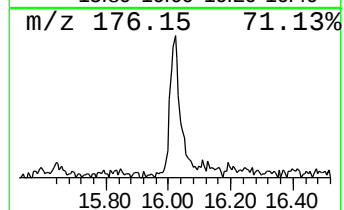
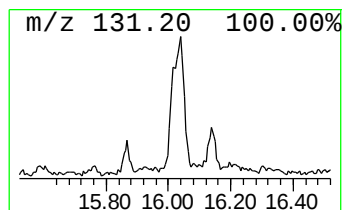
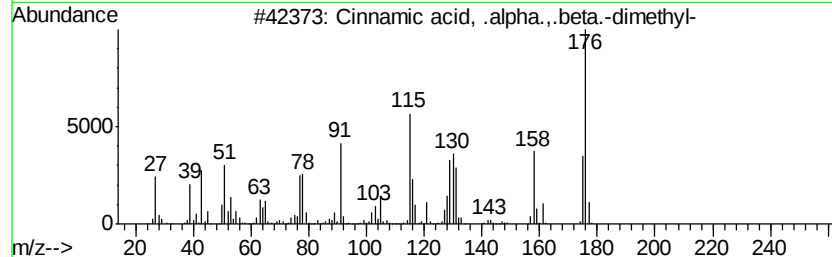
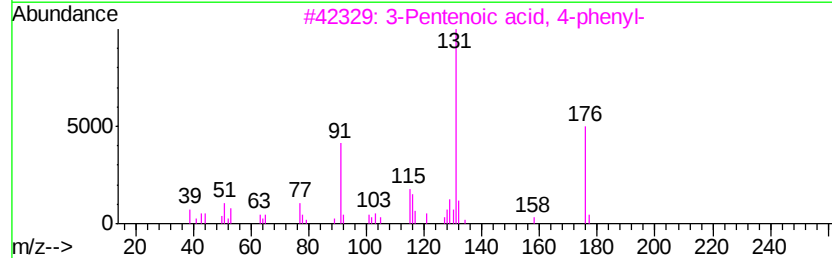
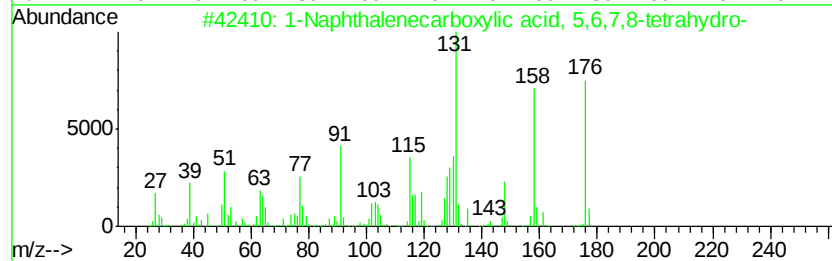
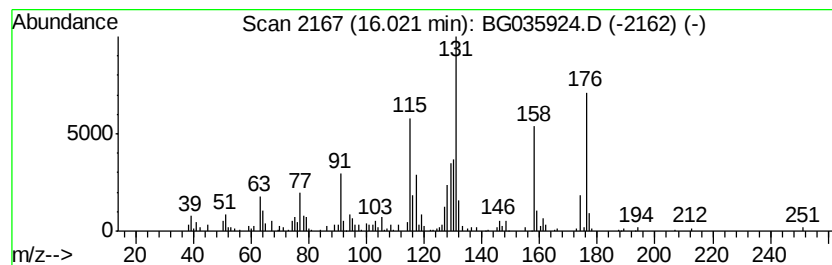
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Naphthalenecarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	3.49 ng	110894	Phenanthrene-d10	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	93
2		3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	46
3		Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	38
4		Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	35
5		Benzene, (2-methylenecyclopentyl)-	158	C12H14	095177-45-0	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
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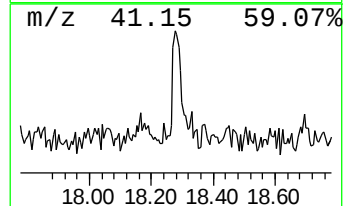
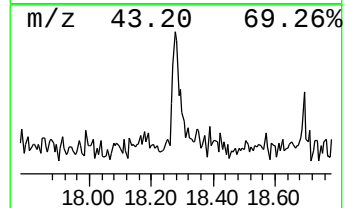
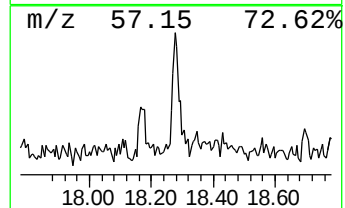
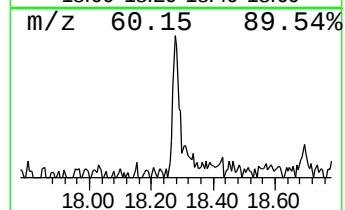
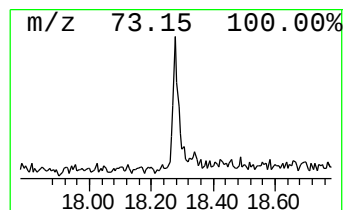
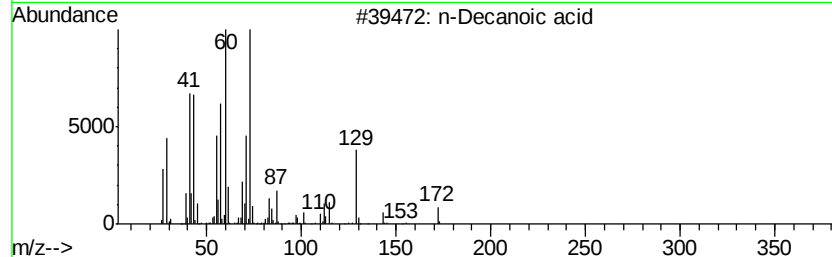
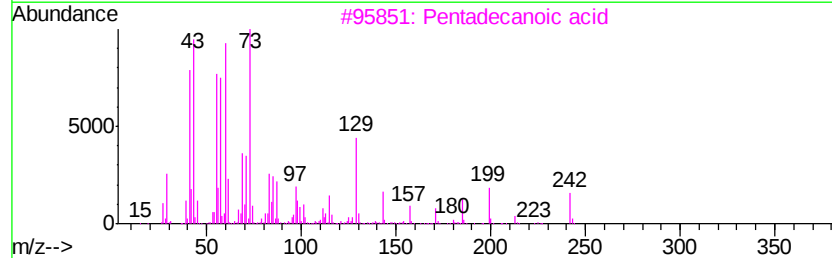
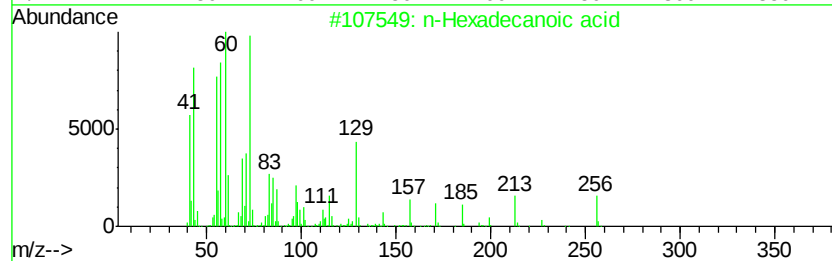
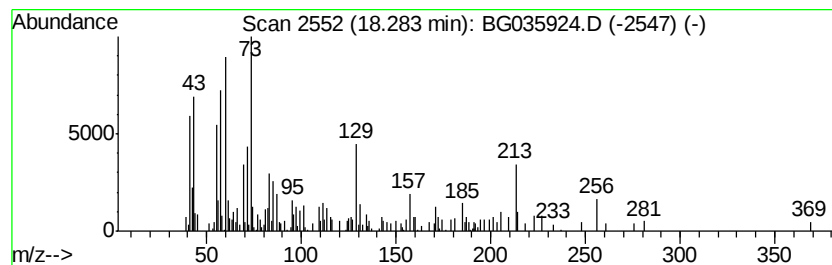
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.28 ng	104357	Phenanthrene-d10	17.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
3		n-Decanoic acid	172	C10H20O2	000334-48-5	50
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035924.D
Acq On : 27 Jul 2018 1:04
Operator : JU/SJ
Sample : J4163-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

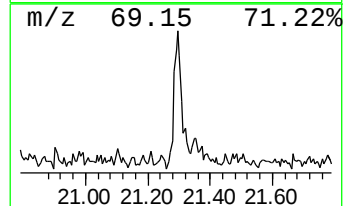
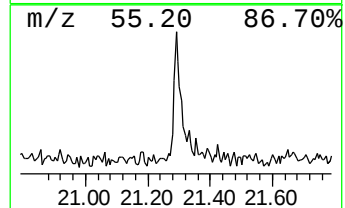
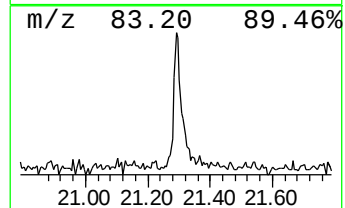
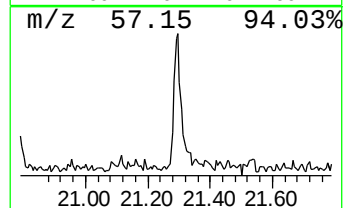
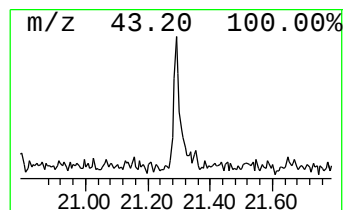
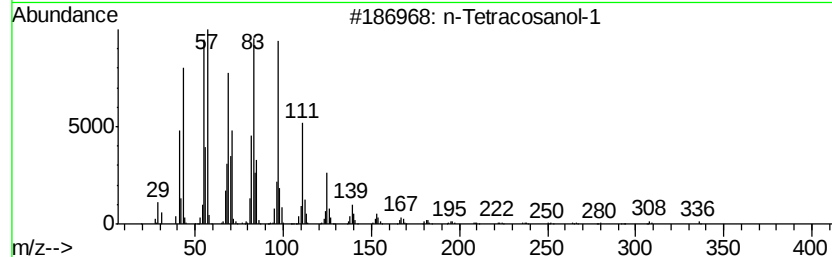
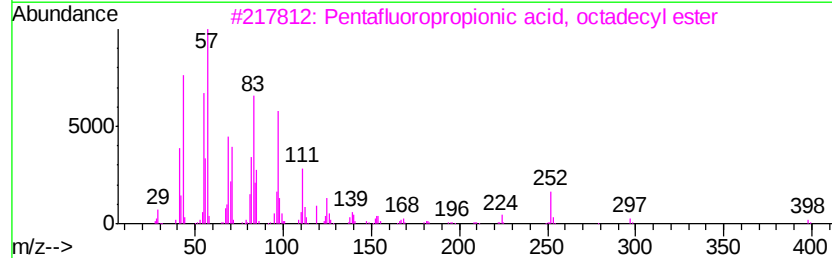
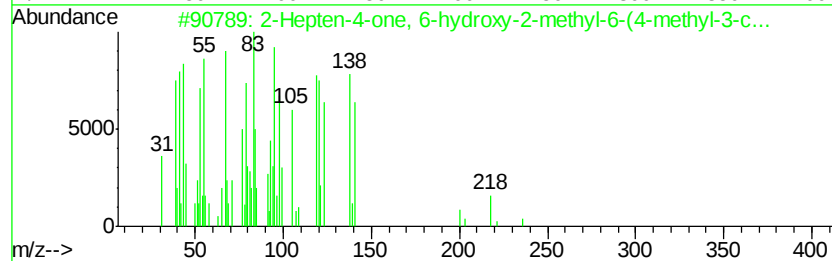
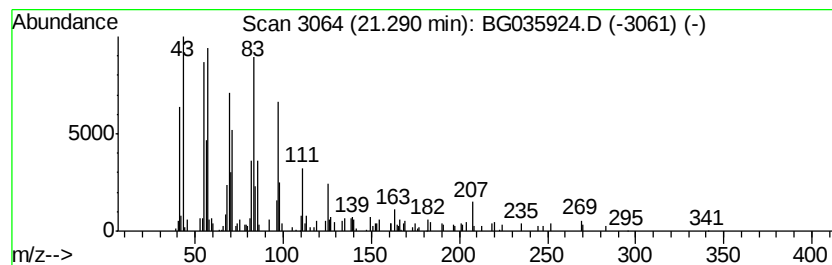
Instrument :
BNA_G
ClientSampleId :
MW-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 2-Hepten-4-one, 6-hydroxy-2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.29	3.01 ng	116644	Chrysene-d12	21.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hepten-4-one, 6-hydroxy-2-meth...	236	C15H24O2	038043-98-0	93
2		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	90
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
 Data File : BG035924.D
 Acq On : 27 Jul 2018 1:04
 Operator : JU/SJ
 Sample : J4163-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-13

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.14	4.0	ng	41612	1	8.03	209920	20.0
unknown7.56	7.56	96.8	ng	1016560	1	8.03	209920	20.0
Naphthalene, 1,2,...	11.29	6.2	ng	92199	2	10.83	298368	20.0
Naphthalene, 1,2,...	11.40	4.7	ng	69403	2	10.83	298368	20.0
unknown11.72	11.72	2.7	ng	39824	2	10.83	298368	20.0
unknown12.08	12.08	2.8	ng	42097	2	10.83	298368	20.0
Benzene, 2,4-diet...	12.14	5.7	ng	85638	2	10.83	298368	20.0
1H-Inden-1-one, 2...	13.11	6.2	ng	142388	3	14.65	458089	20.0
unknown13.44	13.44	2.4	ng	55034	3	14.65	458089	20.0
1(2H)-Naphthaleno...	13.98	4.0	ng	90933	3	14.65	458089	20.0
1(2H)-Naphthaleno...	14.16	4.0	ng	90681	3	14.65	458089	20.0
Naphthalene, 2,7-...	14.38	5.3	ng	121161	3	14.65	458089	20.0
1H-Inden-1-one, 2...	14.70	3.5	ng	80040	3	14.65	458089	20.0
unknown15.25	15.25	2.7	ng	61183	3	14.65	458089	20.0
1(2H)-Naphthaleno...	15.35	9.3	ng	213566	3	14.65	458089	20.0
2,3,4,5-Tetrameth...	15.90	3.0	ng	69019	3	14.65	458089	20.0
1-Naphthalenecarb...	16.02	3.5	ng	110894	4	17.39	635396	20.0
n-Hexadecanoic acid	18.28	3.3	ng	104357	4	17.39	635396	20.0
2-Hepten-4-one, 6...	21.29	3.0	ng	116644	5	21.65	773939	20.0