

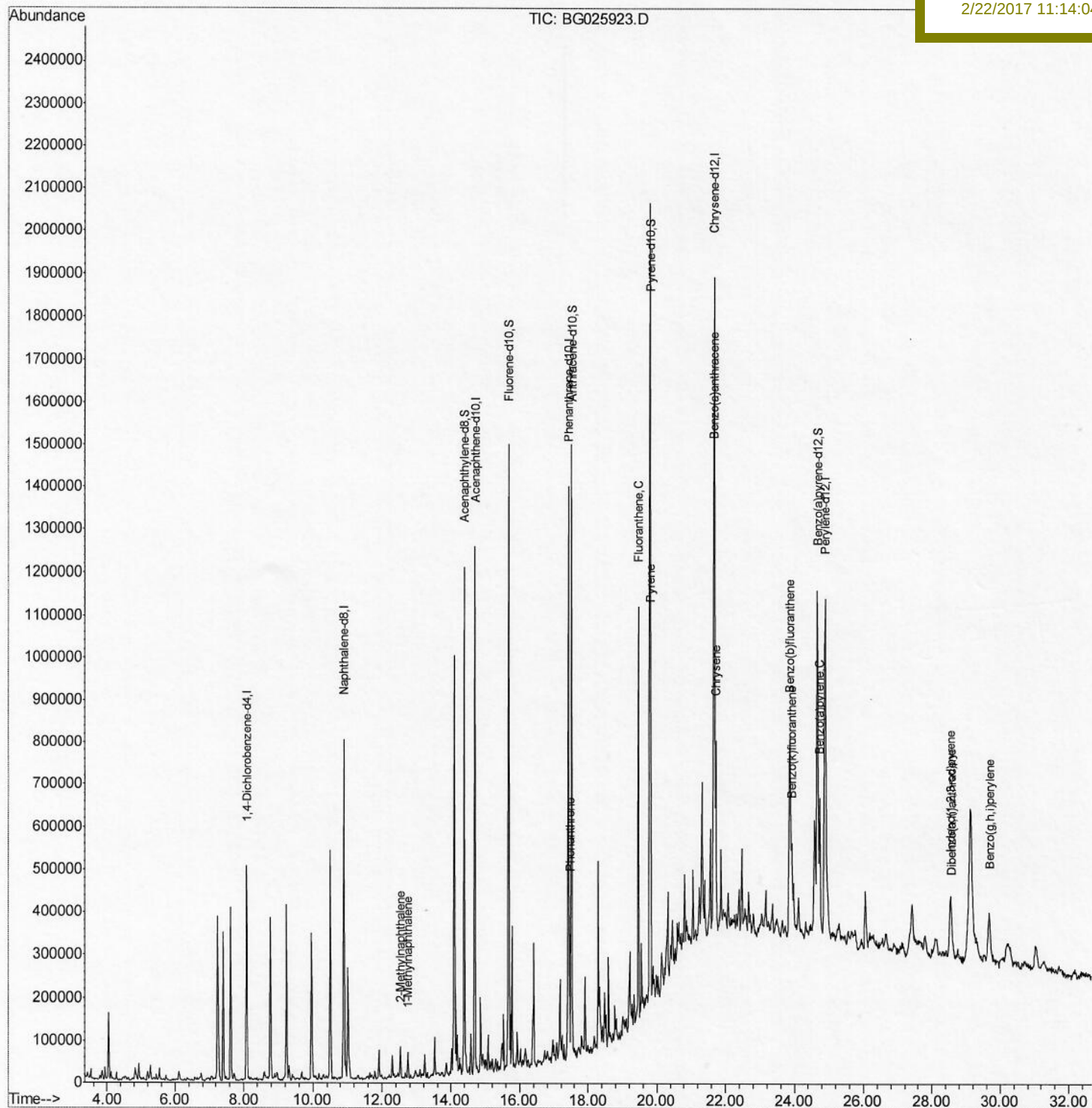
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
Data File : BG025923.D
Acq On : 22 Feb 2017 3:12
Operator : SJ/MA
Sample : I1900-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 22 04:55:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 22 04:47:03 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sample ID :
DABC8

Manual Integrations
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mohammad
2/22/2017 11:14:04 AM



Quantitation Report (Qedit)

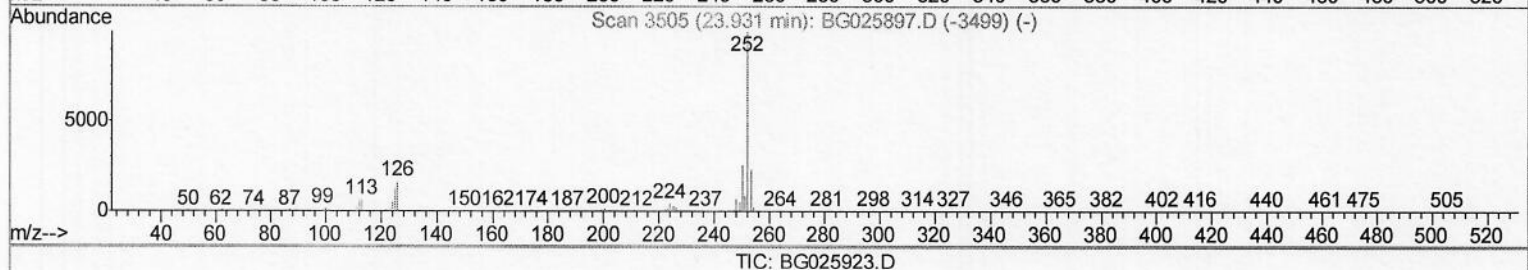
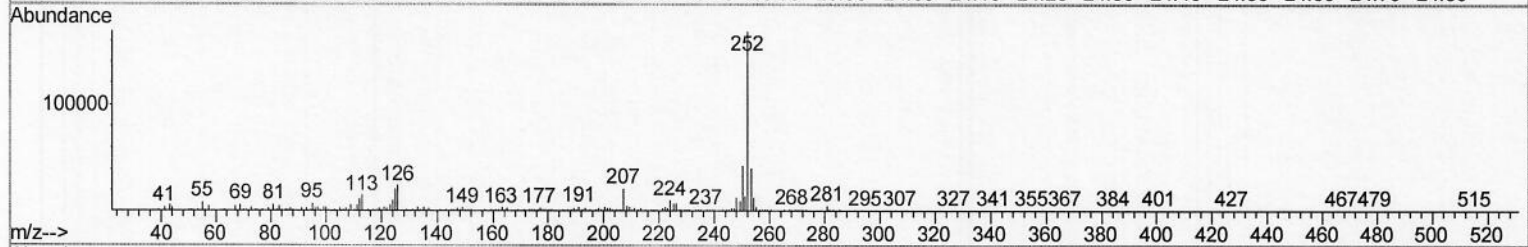
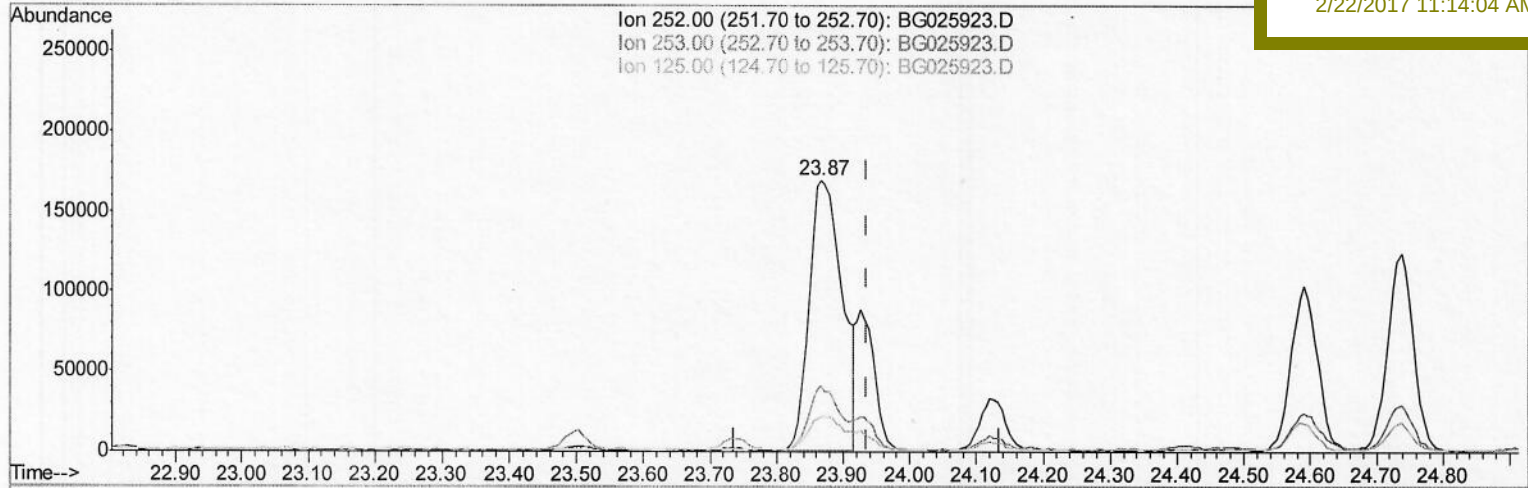
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
 Data File : BG025923.D
 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 28 11:53:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 28 11:43:51 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DABC8

Manual Integrations
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TIC: BG025923.D

(24) Benzo(k)fluoranthene

23.867min (-0.069) 12.88ng/ul

response 577052

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.33
125.00	10.10	12.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

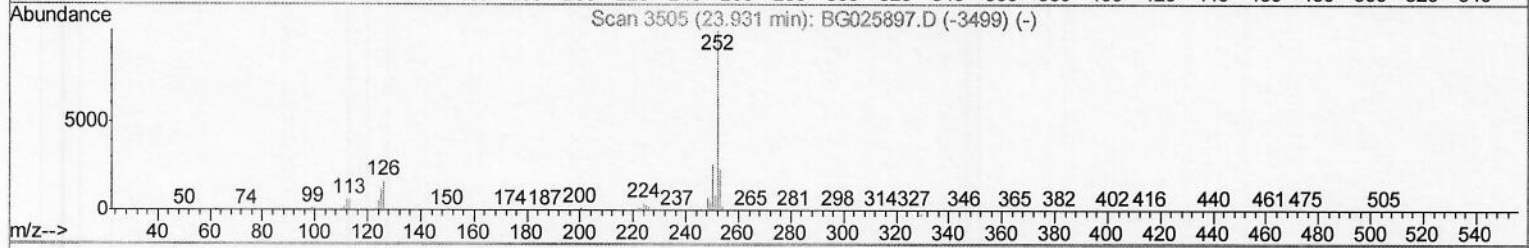
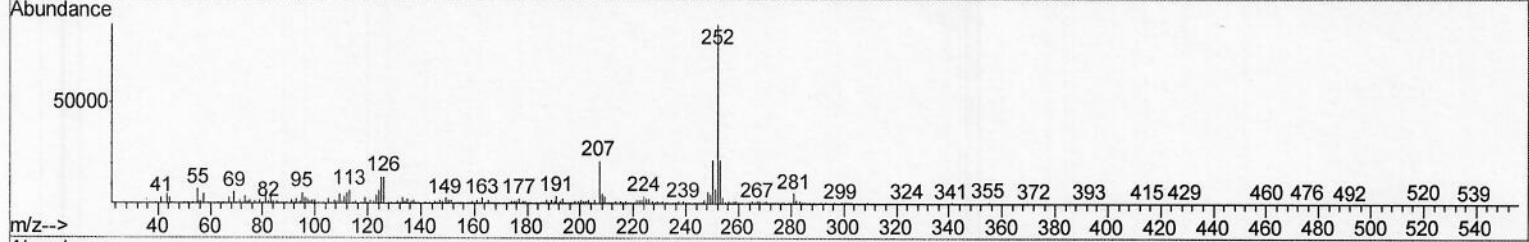
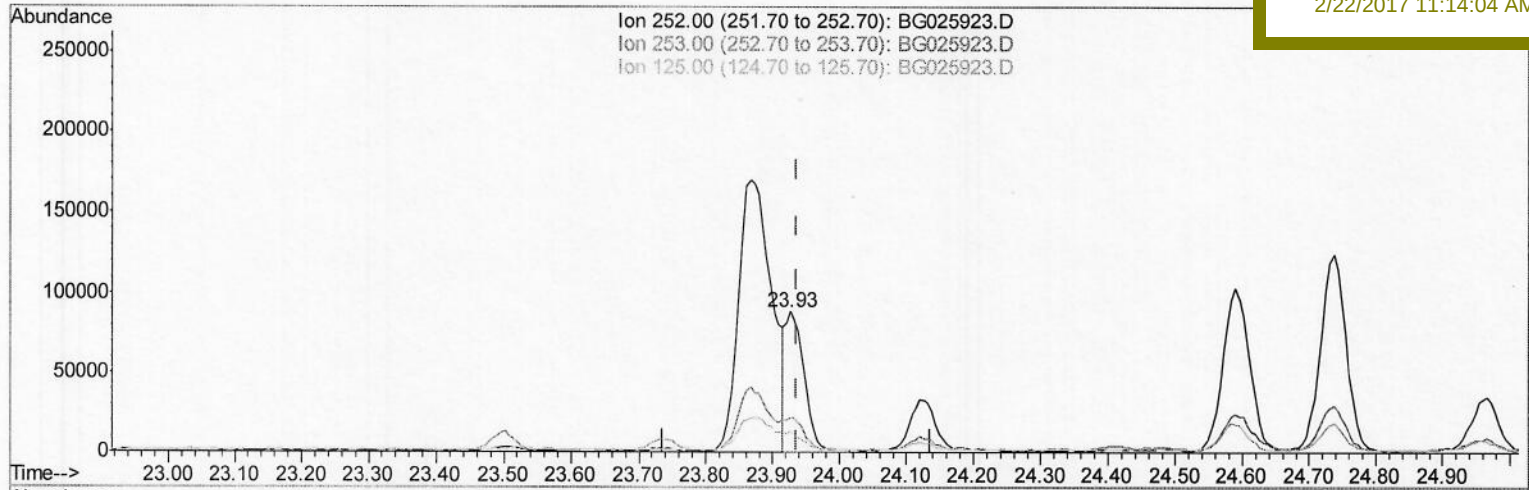
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 2/22/2017 11:14:04 AM



TIC: BG025923.D

(24) Benzo(k)fluoranthene

23.926min (-0.010) 3.86ng/ul m

response 172782

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.61
125.00	10.10	15.04#
0.00	0.00	0.00

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02/28/17

Quantitation Report (Qedit)

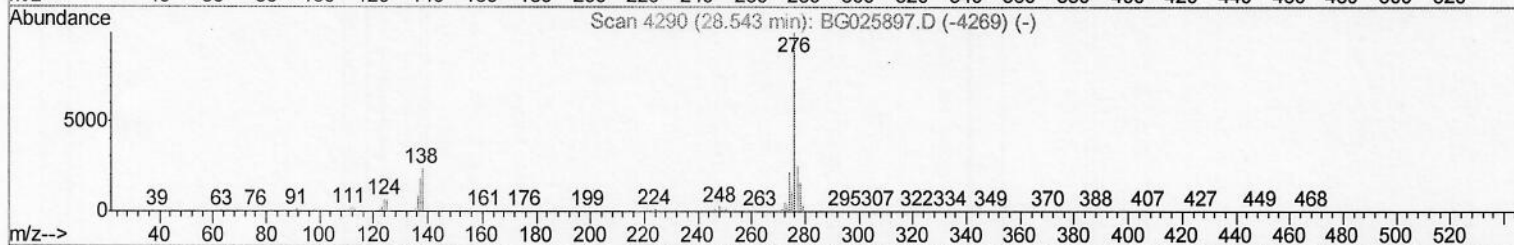
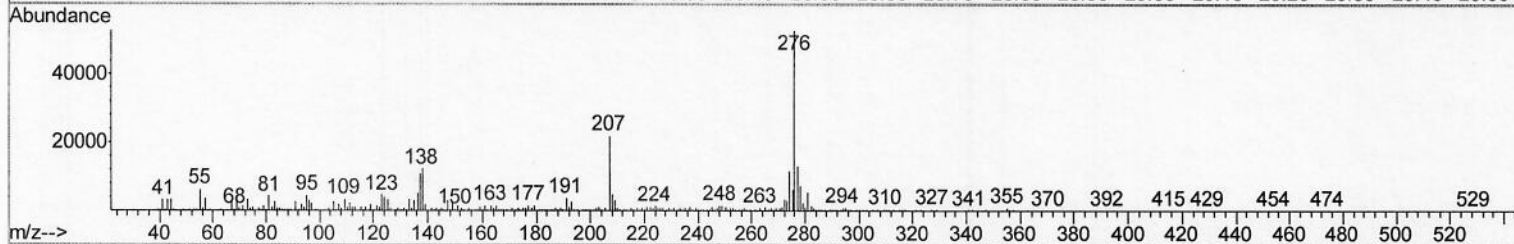
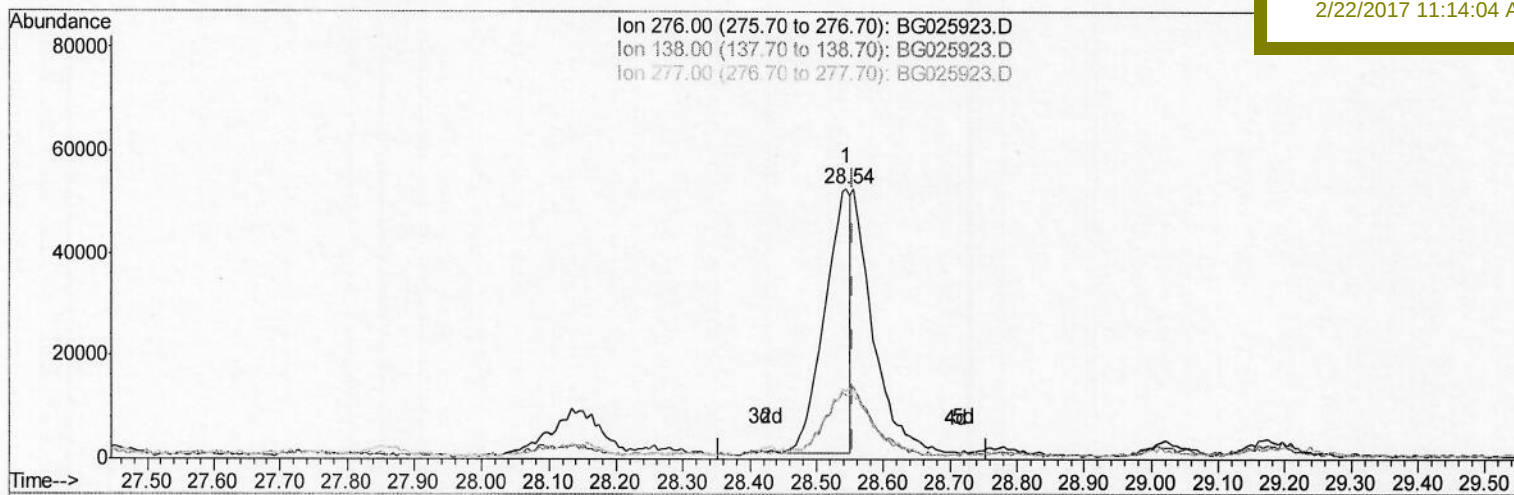
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
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 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Feb 28 11:53:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
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 Response via : Initial Calibration

Instrument :
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ClientSampleId :
 DABC8

Manual Integrations
APPROVED

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 2/22/2017 11:14:04 AM



TIC: BG025923.D

(27) Indeno(1,2,3-cd)pyrene

28.544min (-0.010) 2.62ng/ul

response 137972

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	23.28#
277.00	22.50	24.63
0.00	0.00	0.00

Quantitation Report (Qedit)

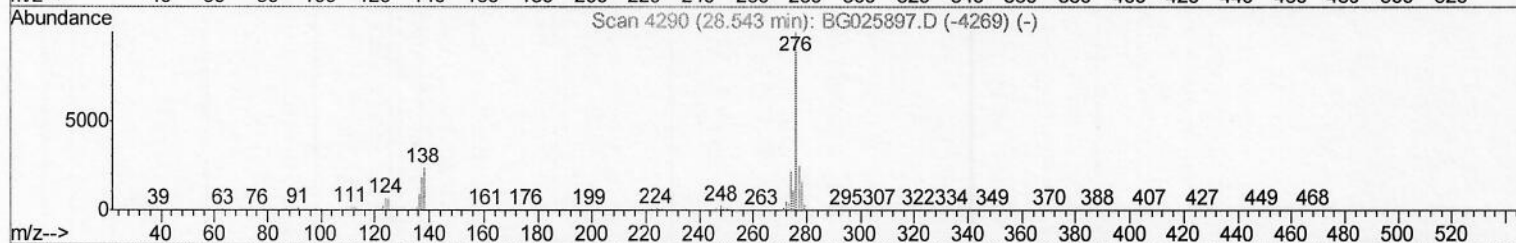
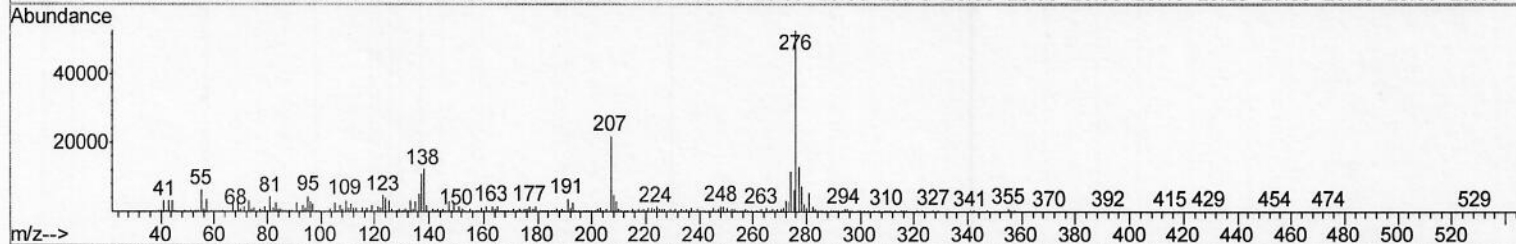
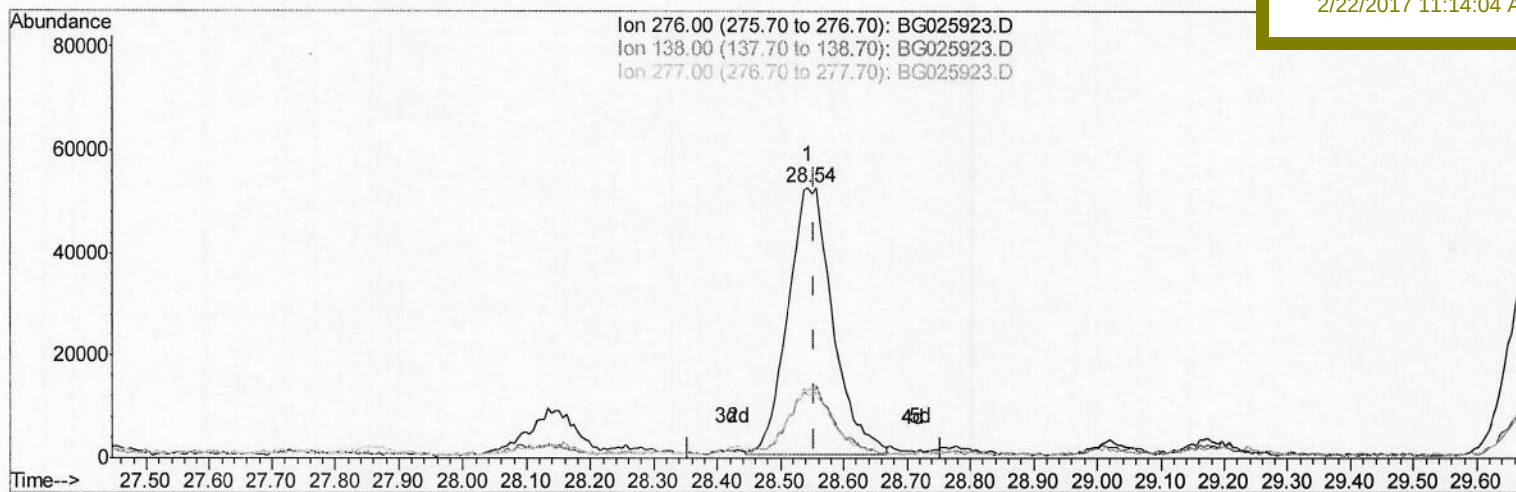
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
Data File : BG025923.D
Acq On : 22 Feb 2017 3:12
Operator : SJ/MA
Sample : I1900-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
DABC8

Manual Integrations
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TIC: BG025923.D

(27) Indeno(1,2,3-cd)pyrene

28.544min (-0.010) 4.83ng/ul m

response 253746

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	23.28#
277.00	22.50	24.63
0.00	0.00	0.00

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Quantitation Report (Qedit)

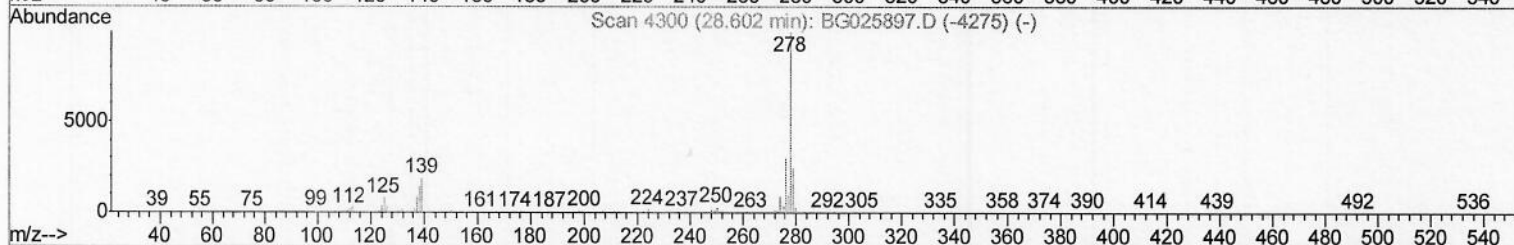
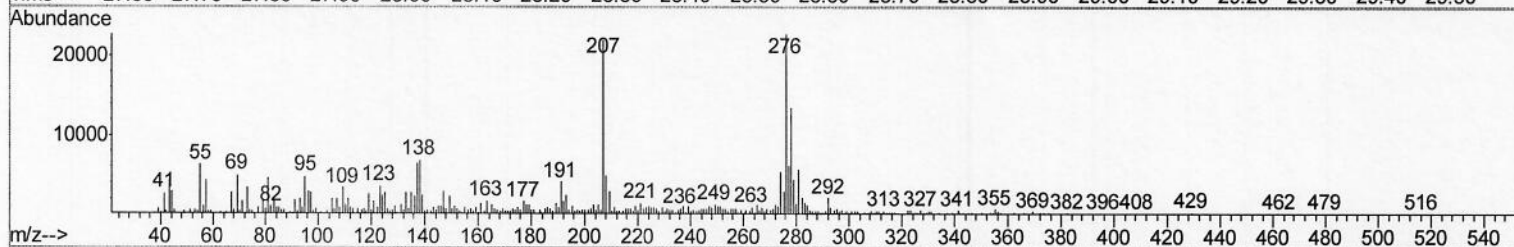
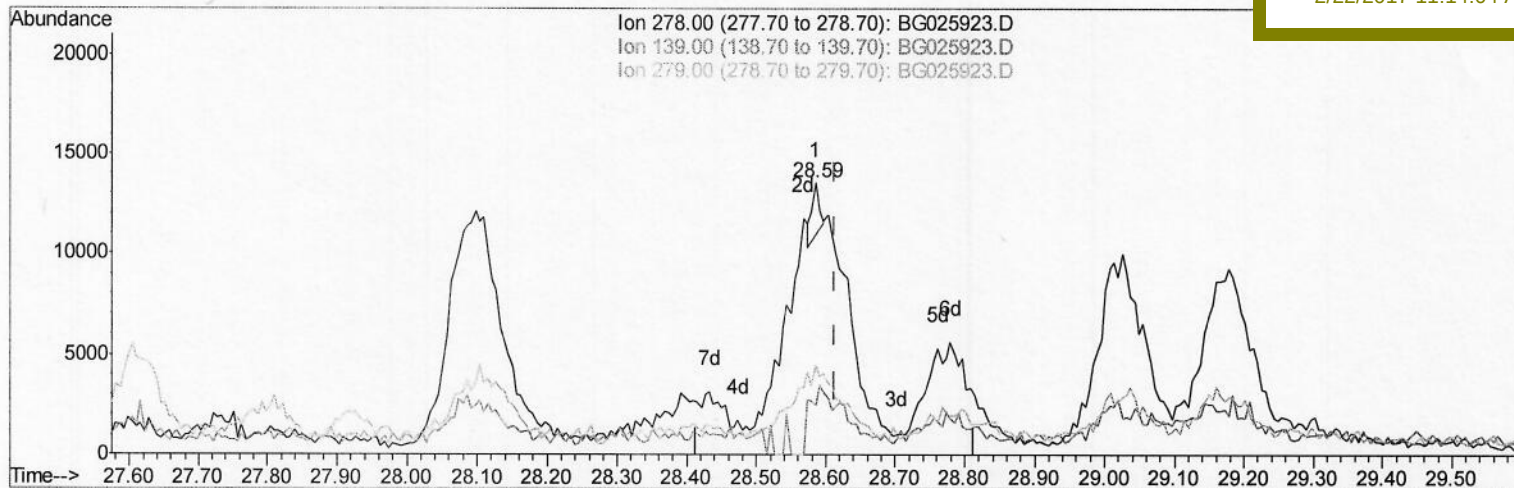
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
 Data File : BG025923.D
 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC8

Quant Time: Feb 28 11:53:38 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

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TIC: BG025923.D

(28) Dibenzo(a,h)anthracene

28.585min (-0.028) 0.05ng/ul

response 2025

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	18.17
279.00	24.00	33.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

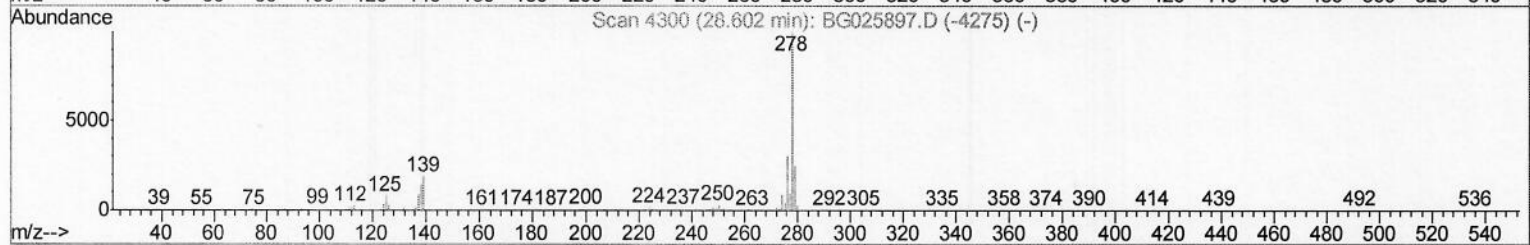
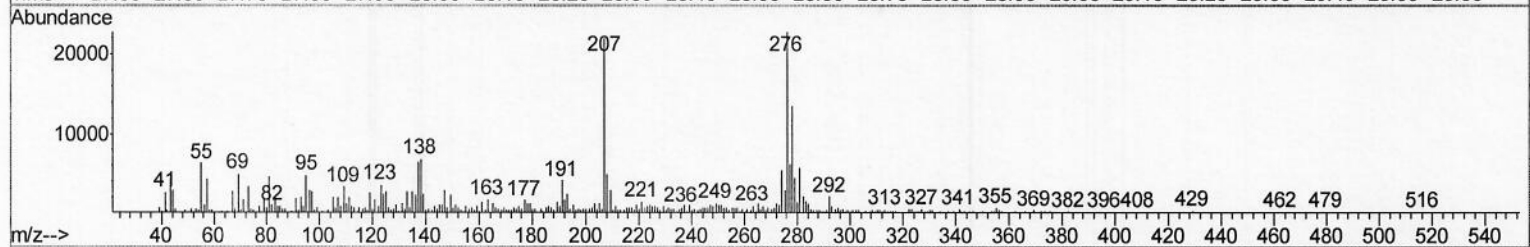
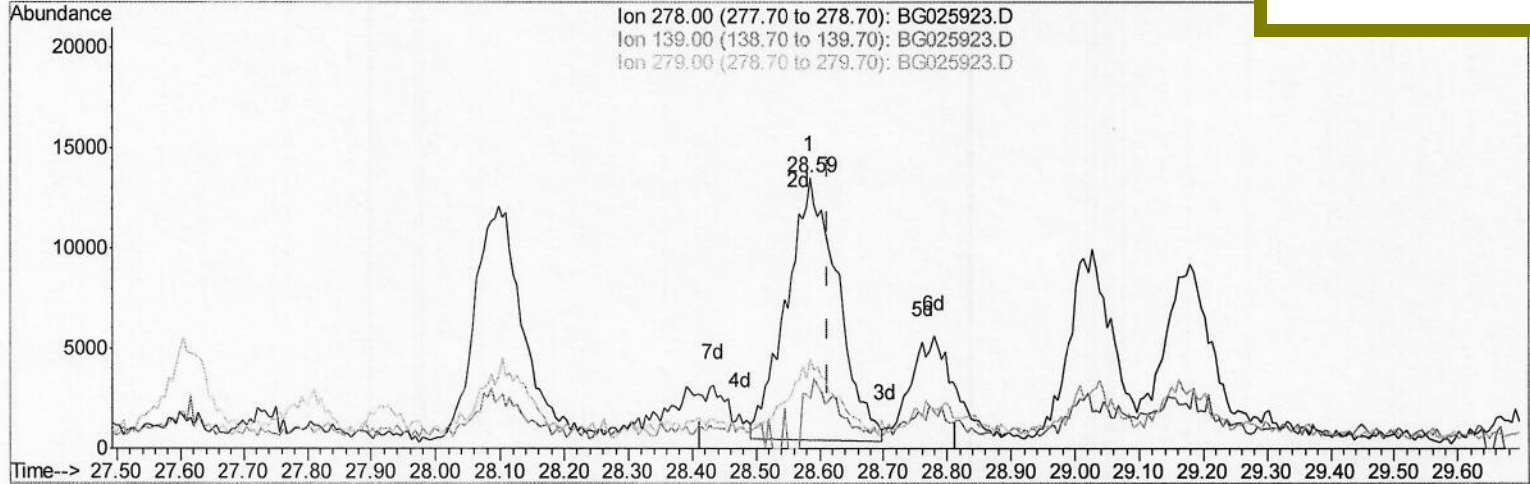
Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
 Data File : BG025923.D
 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC8

Manual Integrations
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Quant Time: Feb 22 04:55:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
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 Response via : Initial Calibration



TIC: BG025923.D

(28) Dibenzo(a,h)anthracene

28.585min (-0.028) 1.68ng/ul m

response 73105

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	18.17
279.00	24.00	33.09#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
 Data File : BG025923.D
 Acq On : 22 Feb 2017 3:12
 Operator : SJ/MA
 Sample : I1900-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABC8

Quant Time: Feb 22 04:55:02 2017
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	144275	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	691726	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	405021	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	834060	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	829330	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	802897	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.38	160	859357	25.62	ng/ul	0.00
10) Fluorene-d10	15.68	176	605247	23.50	ng/ul	0.00
14) Anthracene-d10	17.52	188	838059	22.23	ng/ul	0.00
18) Pyrene-d10	19.80	212	861296	21.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	807109	22.71	ng/ul	0.00

Target Compounds

						Qvalue
4) 2-Methylnaphthalene	12.53	142	37513	1.40	ng/ul	96
5) 1-Methylnaphthalene	12.75	142	30475	1.16	ng/ul#	91
13) Phenanthrene	17.46	178	211240	4.75	ng/ul	98
16) Fluoranthene	19.46	202	538294	11.01	ng/ul	99
19) Pyrene	19.82	202	469267	9.35	ng/ul#	94
20) Benzo(a)anthracene	21.65	228	309038	6.62	ng/ul	95
21) Chrysene	21.72	228	343925	7.72	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	577052	12.44	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	172782m	3.86	ng/ul	→
26) Benzo(a)pyrene	24.74	252	330301	7.36	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.54	276	253746m	4.83	ng/ul	→
28) Dibenzo(a,h)anthracene	28.59	278	73105m	1.68	ng/ul	→
29) Benzo(g,h,i)perylene	29.69	276	212064	4.89	ng/ul#	91

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(#) = qualifier out of range (m) = manual integration (+) = signals summed