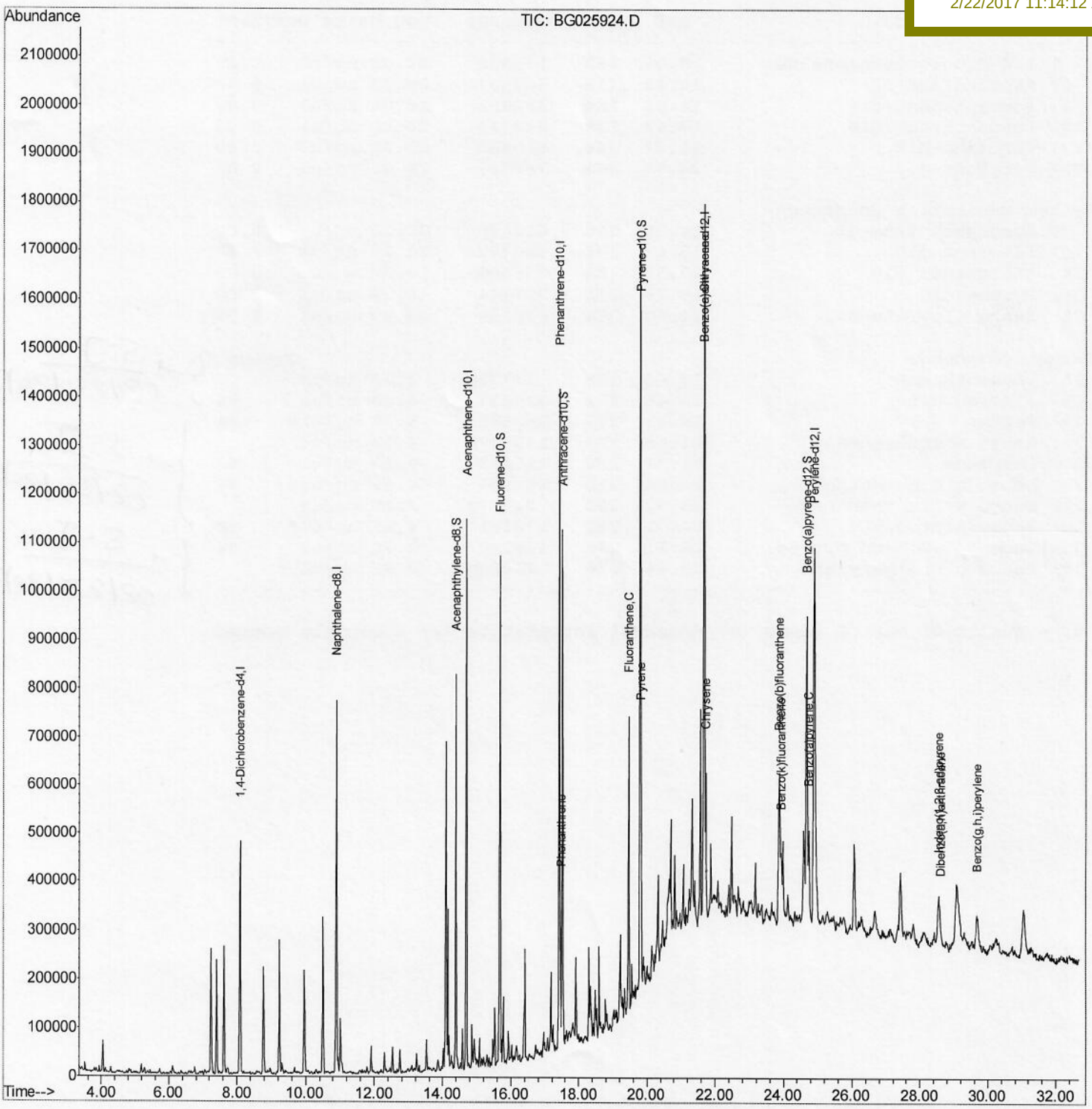
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022117\
Data File : BG025924.D
Acq On : 22 Feb 2017 3:51
Operator : SJ/MA
Sample : I1900-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 22 04:57:21 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
ClientSampleId :
DABC9

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:12 AM



Quantitation Report (Qedit)

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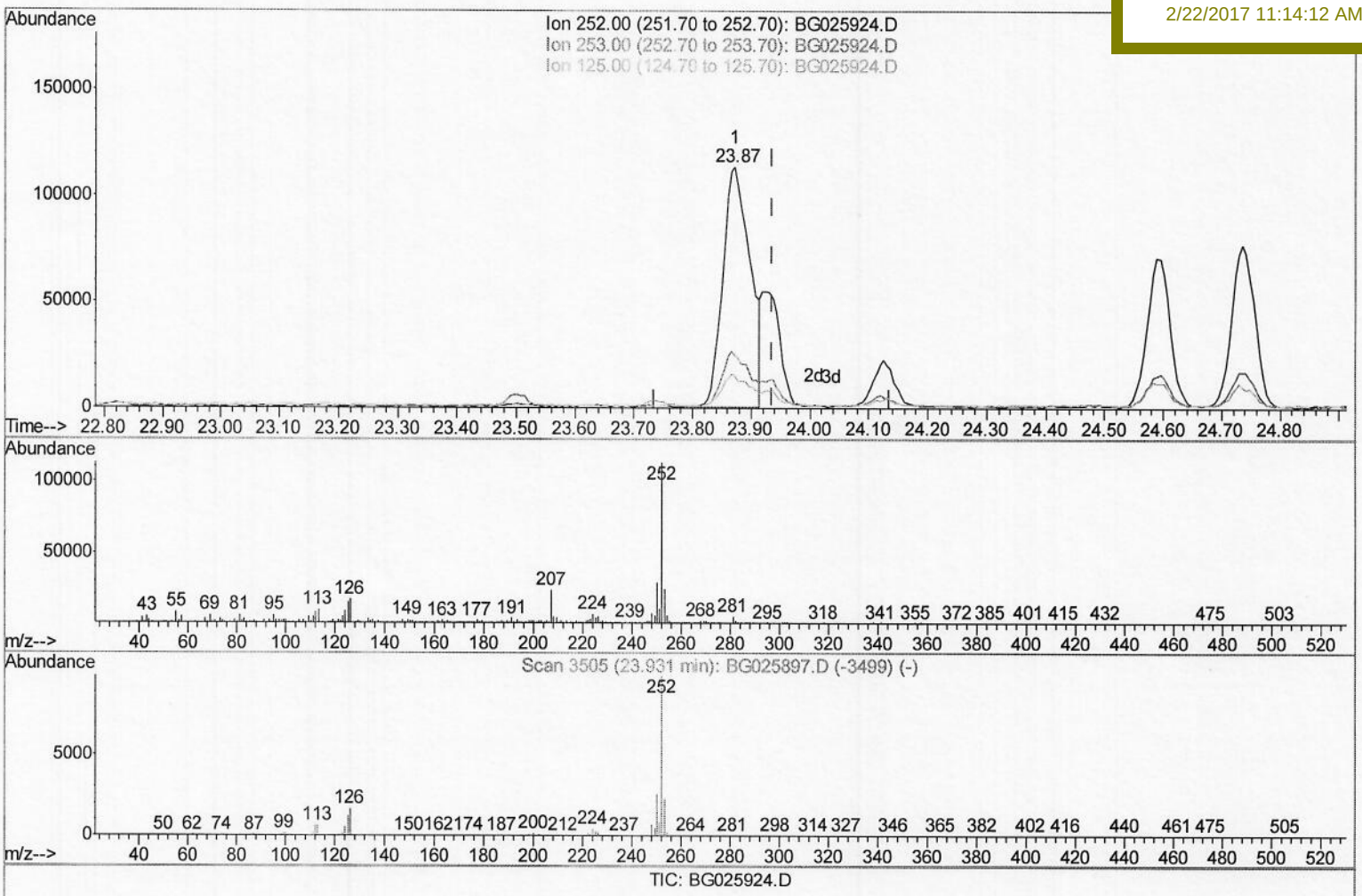
Data File : BG025924.D
Acq On : 22 Feb 2017 3:51
Operator : SJ/MA
Sample : I1900-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Feb 28 11:59:51 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 :
DABC9

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:12 AM



TIC: BG025924.D

(24) Benzo(k)fluoranthene

23.872min (-0.064) 8.27ng/ul

response 365168

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.69
125.00	10.10	13.46#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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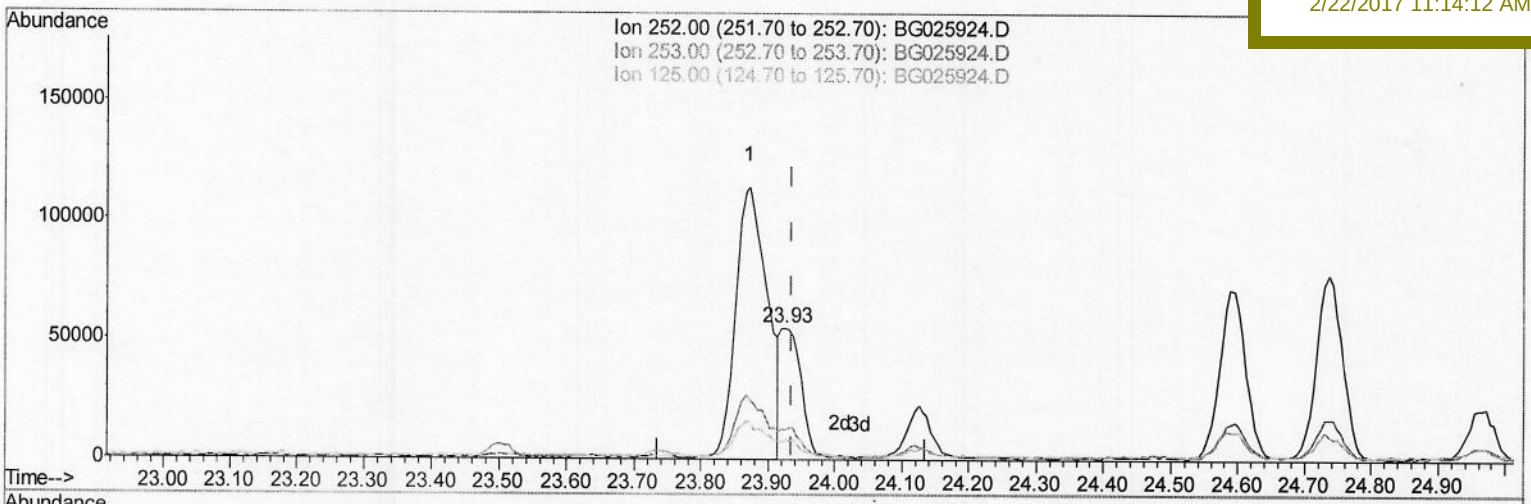

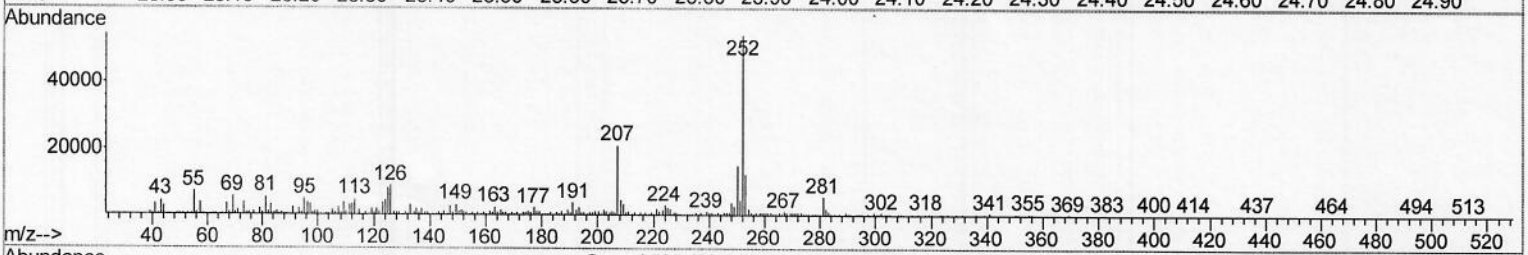

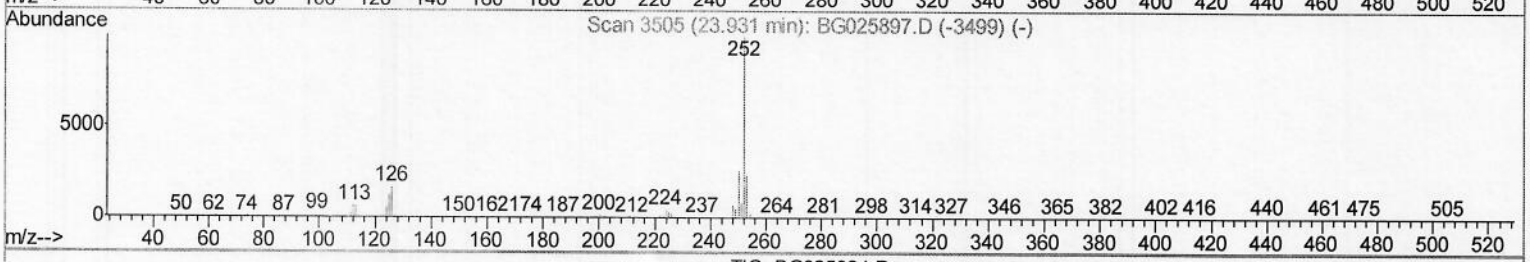

TIC: BG025924.D

(24) Benzo(k)fluoranthene

23.925min (-0.011) 2.76ng/ul m

response 121711

S.J
02/28/17

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.97
125.00	10.10	15.46#
0.00	0.00	0.00

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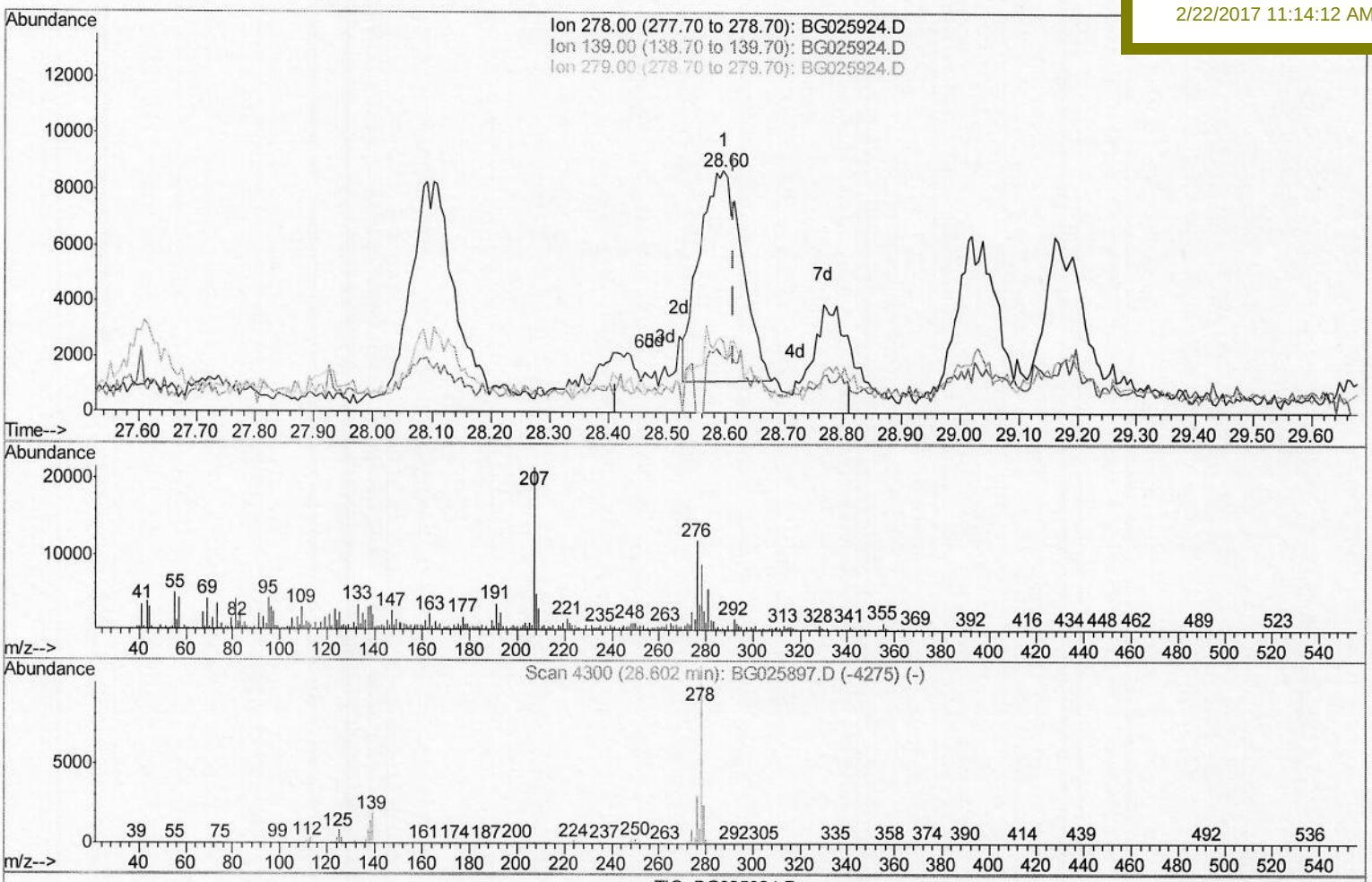
BNA_G
ClientSampleId :
DABC9

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:12 AM



TIC: BG025924.D

(28) Dibenzo(a,h)anthracene

28.596min (-0.017) 0.90ng/ul

response 38562

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	23.02#
279.00	24.00	29.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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Manual Integrations APPROVED
mohammad
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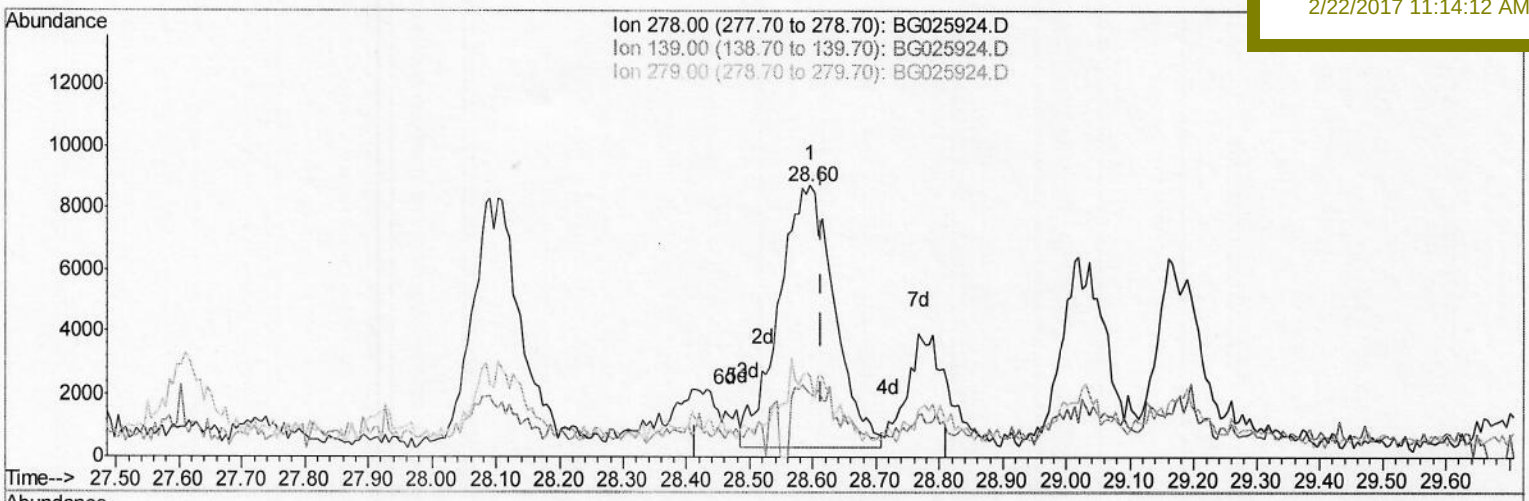

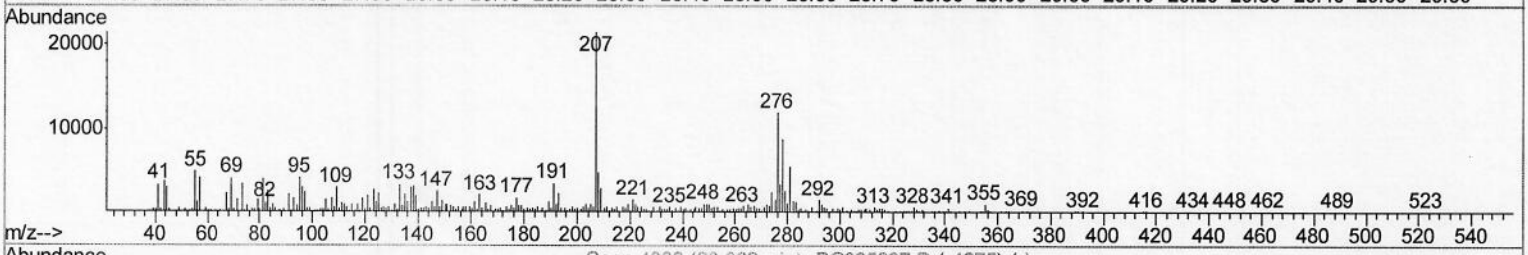

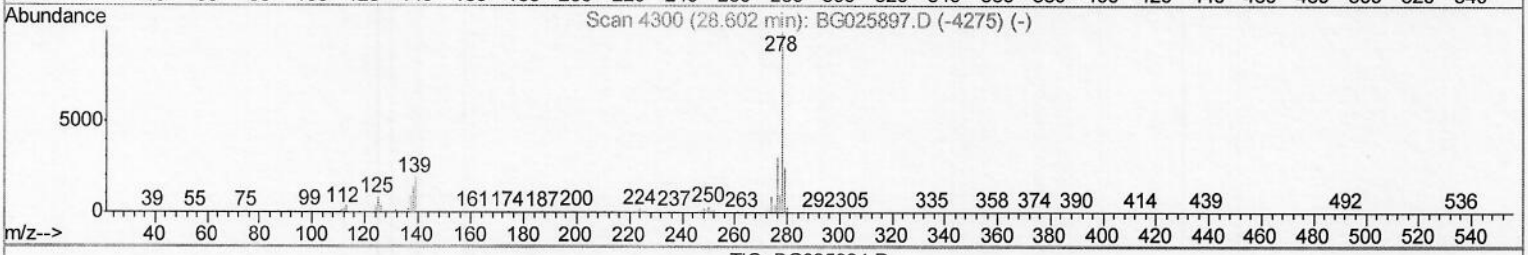

TIC: BG025924.D

(28) Dibenzo(a,h)anthracene

28.596min (-0.017) 1.18ng/ul m

response 50761

S.J
02/28/17

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	23.02#
279.00	24.00	29.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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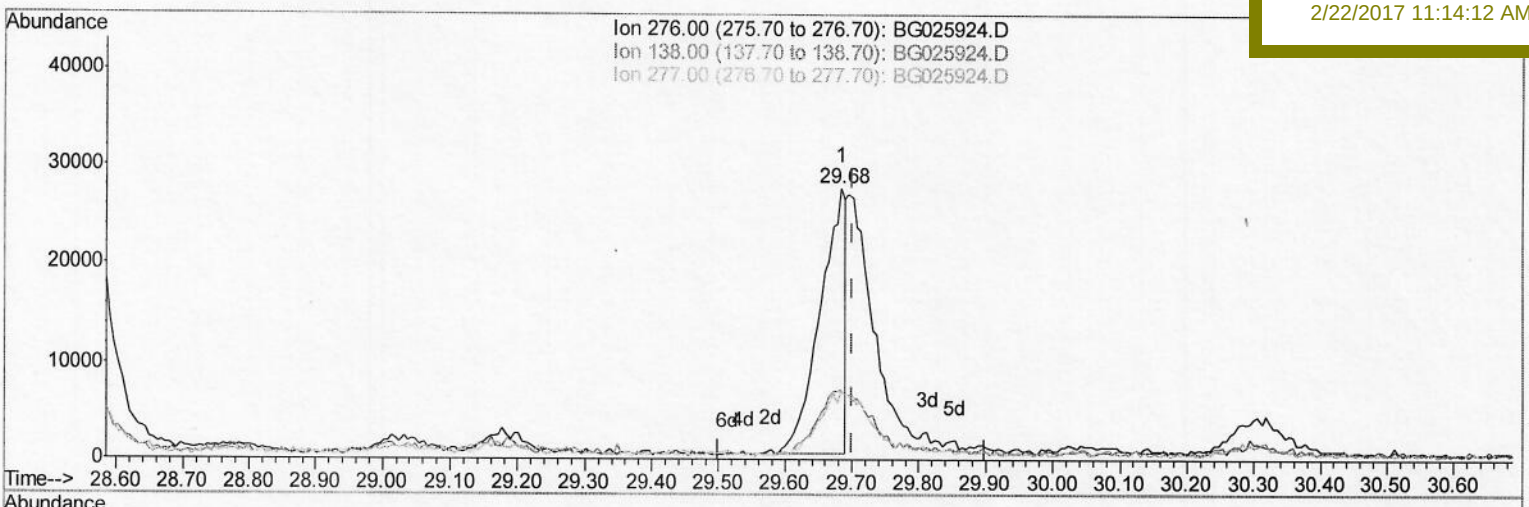
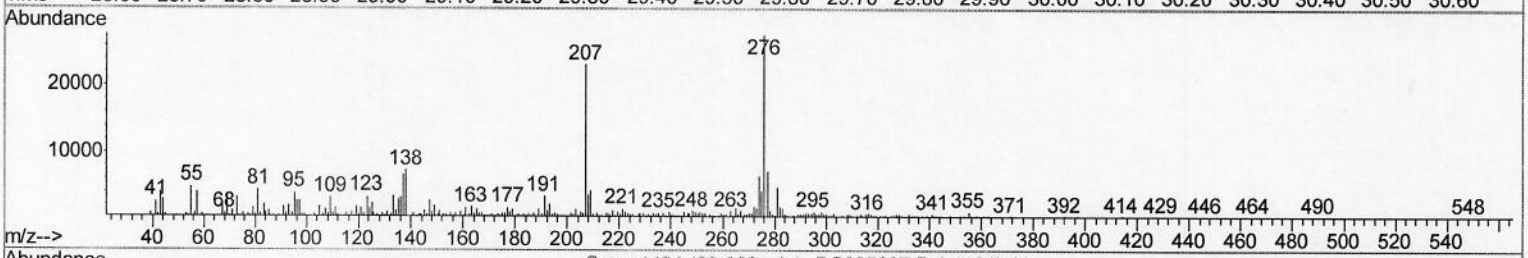
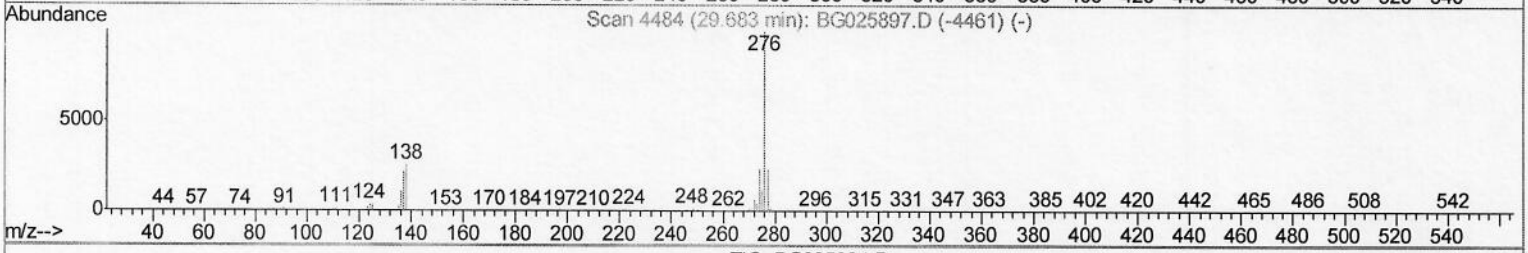
BNA_G
ClientSampleId :
DABC9

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:12 AM







TIC: BG025924.D

(29) Benzo(g,h,i)perylene

29.683min (-0.017) 1.70ng/ul

response 72681

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	26.28#
277.00	23.70	25.94
0.00	0.00	0.00

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Manual Integrations APPROVED
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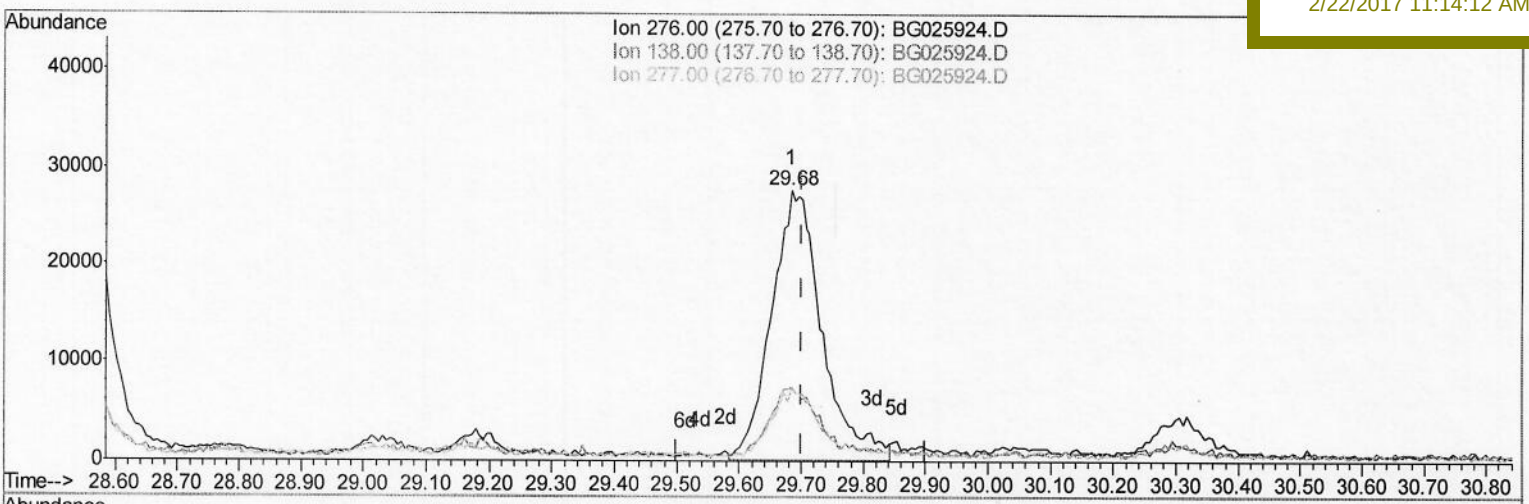

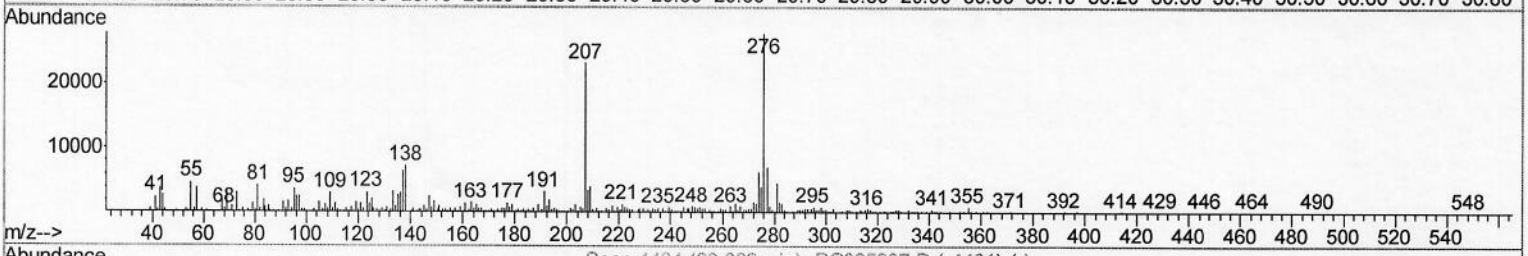

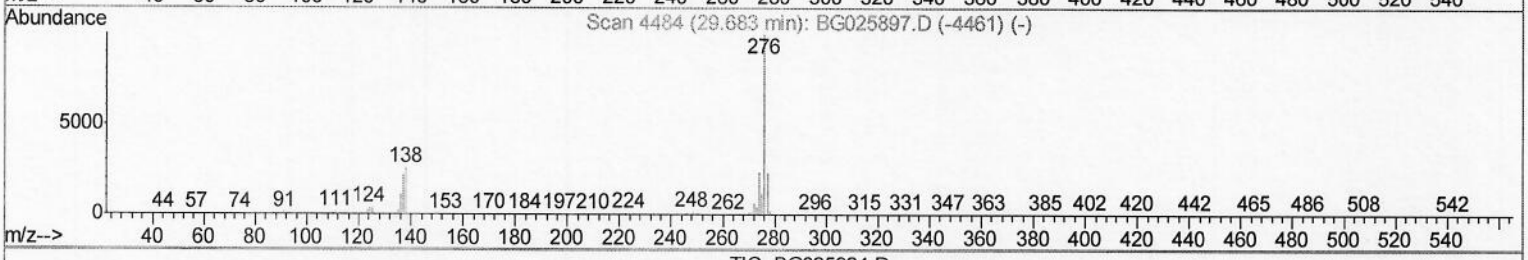

TIC: BG025924.D

(29) Benzo(g,h,i)perylene

29.683min (-0.017) 3.63ng/ul m

response 155347

S.J
02/28/17

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	26.28#
277.00	23.70	25.94
0.00	0.00	0.00

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Instrument : BNA_G
ClientSampleId : DABC9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	138342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	676809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	395791	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	813690	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	807640	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	791461	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	594375	18.13	ng/ul	0.00
10) Fluorene-d10	15.68	176	433905	17.24	ng/ul	0.00
14) Anthracene-d10	17.52	188	639346	17.38	ng/ul	0.00
18) Pyrene-d10	19.79	212	684709	17.59	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	625846	17.87	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.46	178	165489	3.81	ng/ul	99
16) Fluoranthene	19.46	202	344297	7.22	ng/ul	99
19) Pyrene	19.82	202	294075	6.02	ng/ul#	97
20) Benzo(a)anthracene	21.66	228	194278	4.28	ng/ul	93
21) Chrysene	21.72	228	208460	4.80	ng/ul	97
23) Benzo(b)fluoranthene	23.87	252	365168	7.99	ng/ul#	96
24) Benzo(k)fluoranthene	23.93	252	121711m	2.76	ng/ul	→
26) Benzo(a)pyrene	24.74	252	207519	4.69	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	28.54	276	167830	3.24	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.60	278	50761m	1.18	ng/ul	→
29) Benzo(g,h,i)perylene	29.68	276	155347m	3.63	ng/ul	→

S.J
02/28/17

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