

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
Data File : BG027144.D
Acq On : 25 May 2017 1:24
Operator : SJ/MA
Sample : I3279-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

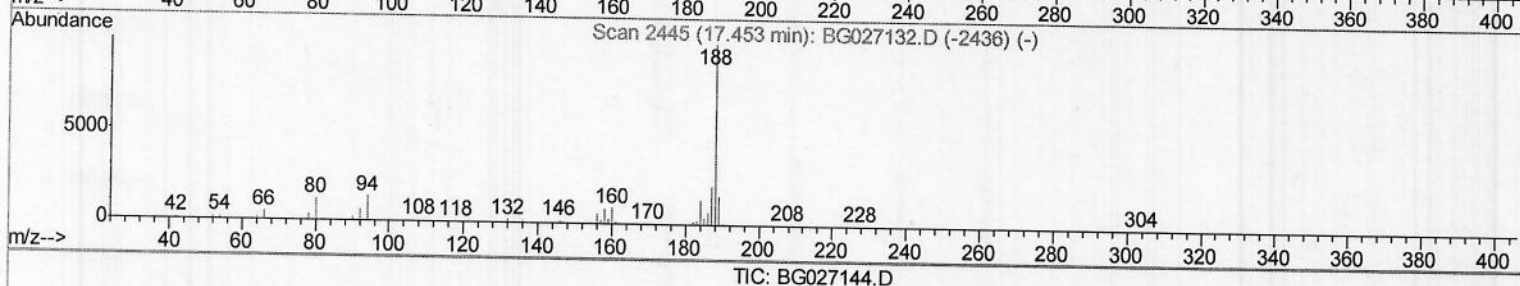
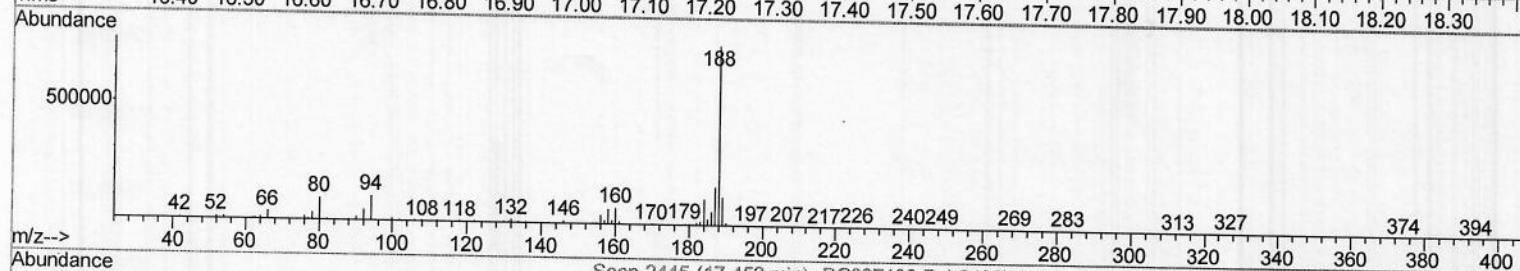
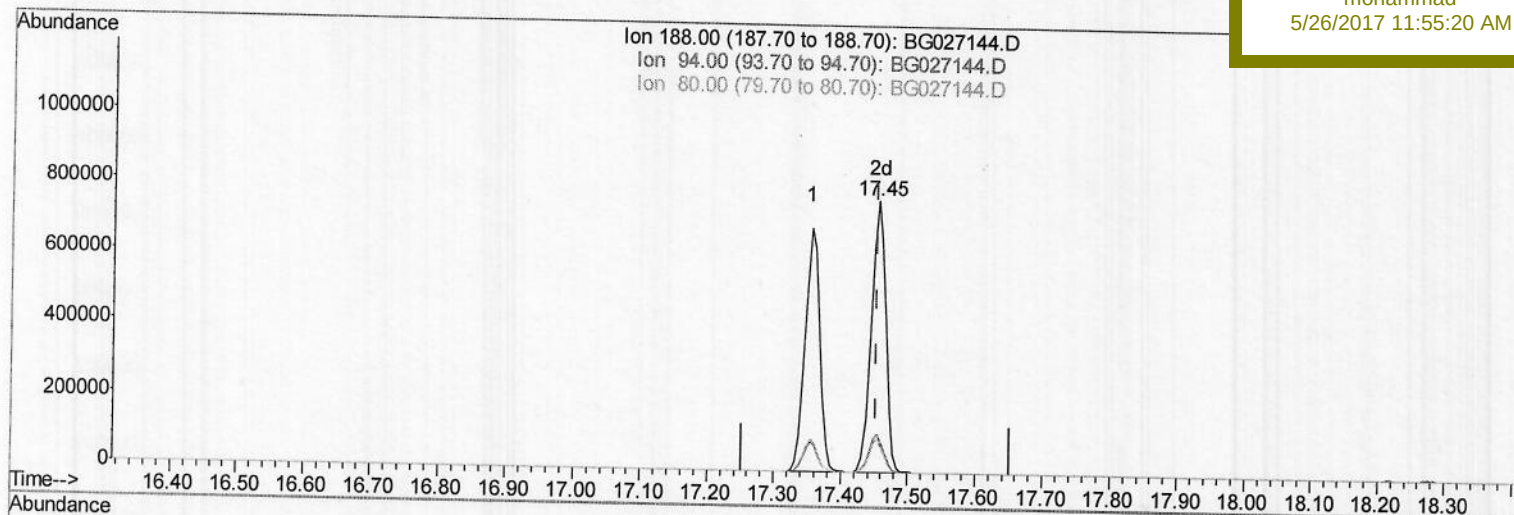
Quant Time: May 25 04:54:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:52:31 2017
Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

DACB4

Manual Integrations
APPROVEDmohammad
5/26/2017 11:55:20 AM

(14) Anthracene-d10 (S)

17.454min (+0.001) 22.61ng/ul m

response 1149682

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	14.05#
80.00	11.80	12.35
0.00	0.00	0.00

Quantitation Report (Qedit)

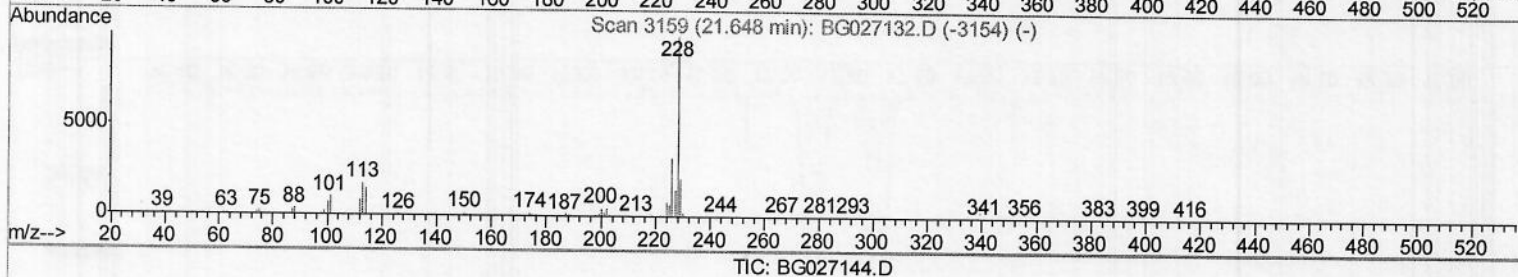
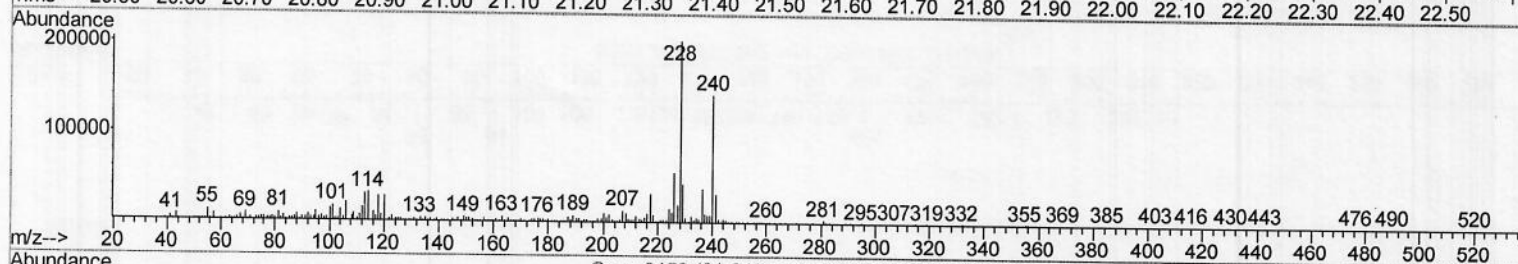
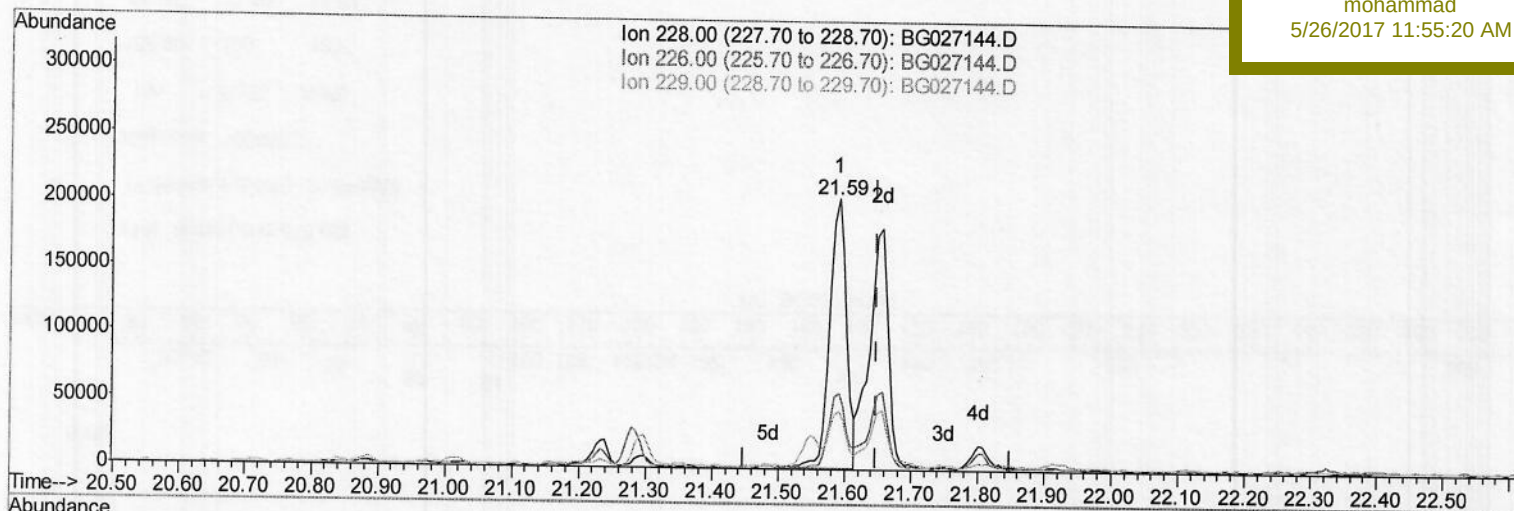
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TIC: BG027144.D

(21) Chrysene

21.590min (-0.058) 6.94ng/ul

response 355378

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	27.62
229.00	19.80	21.51
0.00	0.00	0.00

Quantitation Report (Qedit)

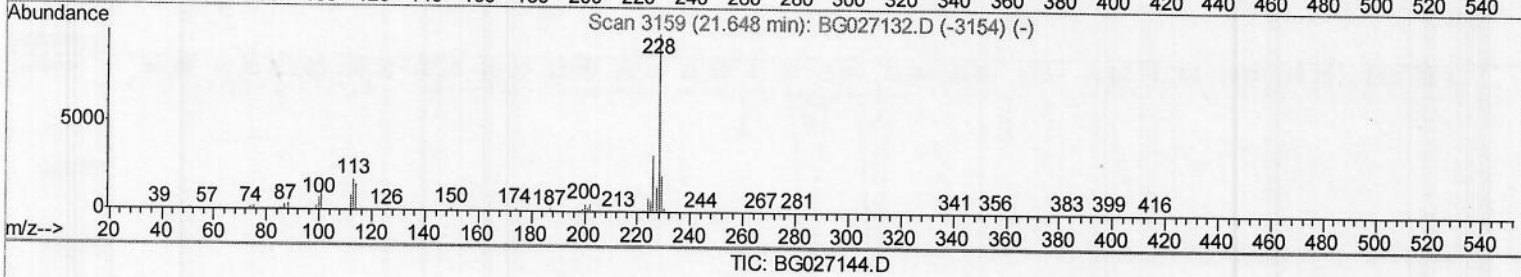
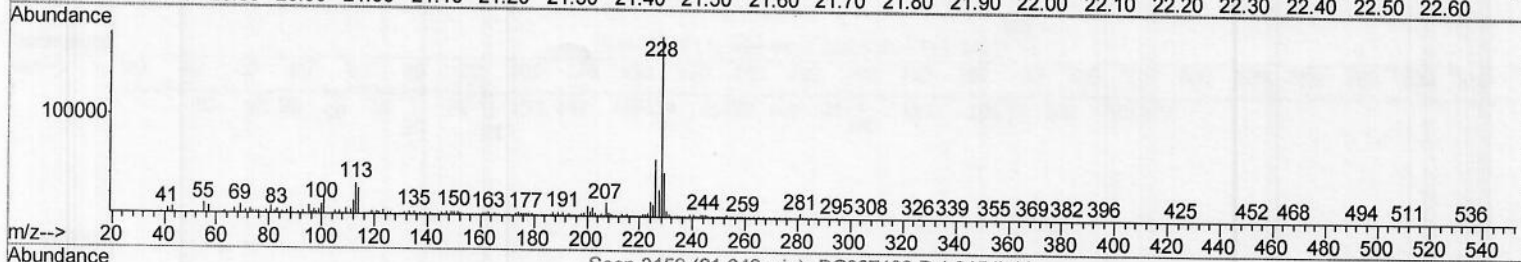
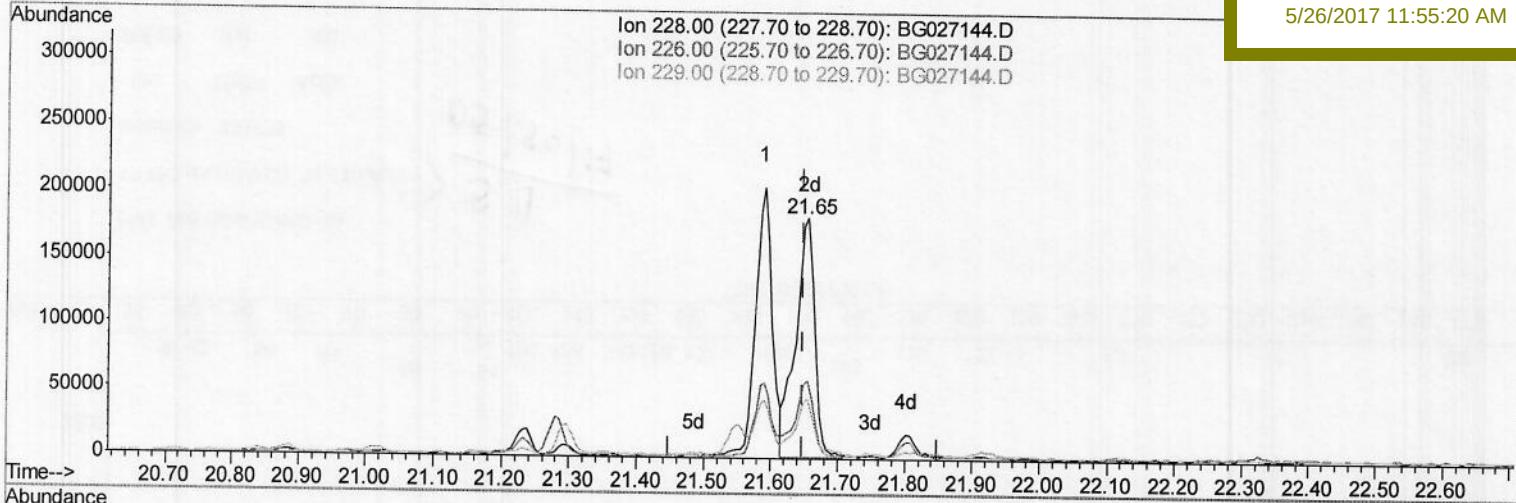
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(21) Chrysene

21.655min (+0.006) 7.03ng/ul m

response 359850

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	32.19
229.00	19.80	24.53#
0.00	0.00	0.00

33.3
 05/30/17

Quantitation Report (Qedit)

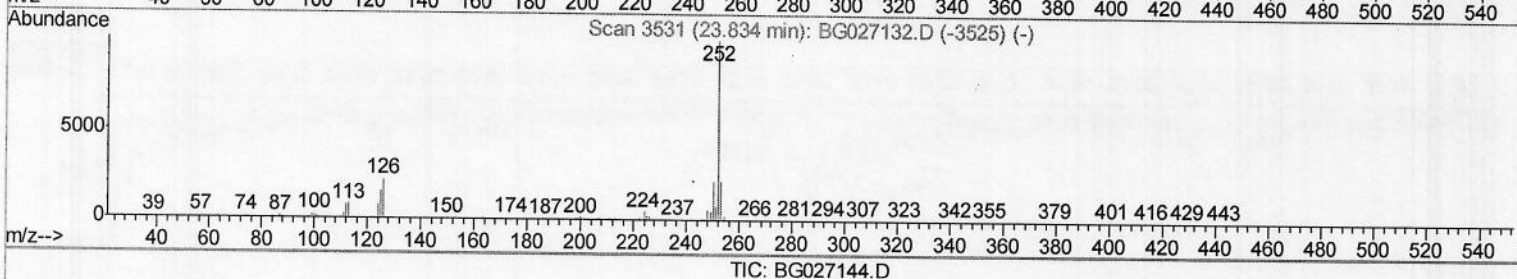
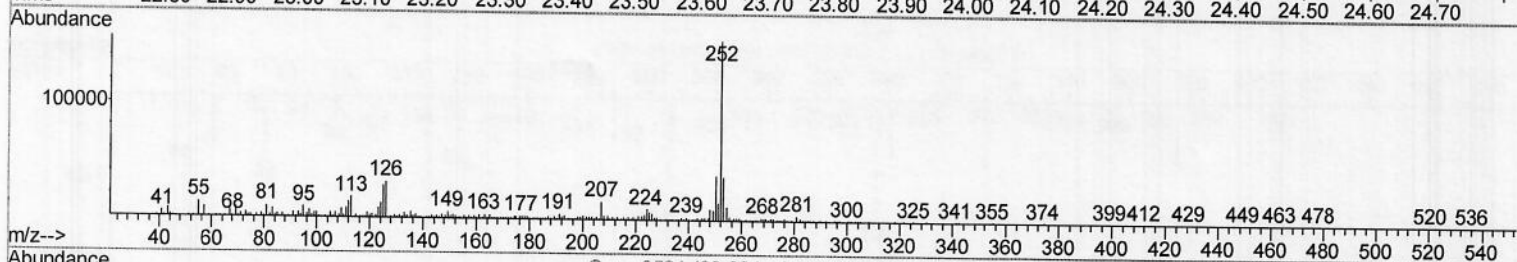
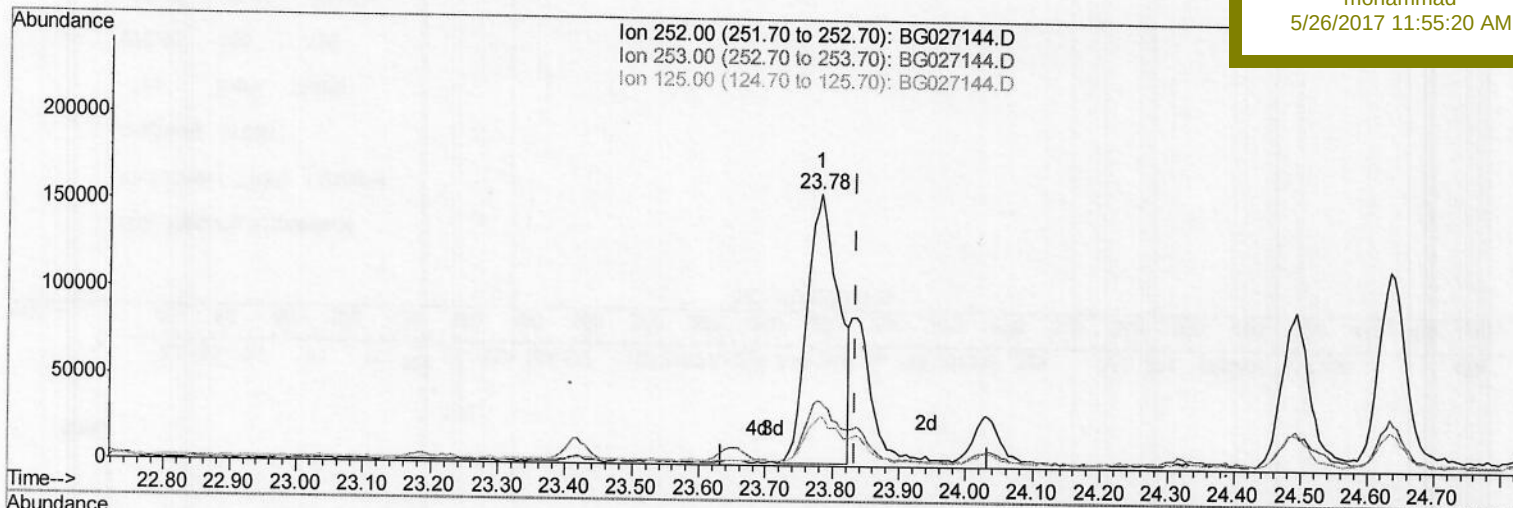
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(24) Benzo(k)fluoranthene

23.782min (-0.052) 10.19ng/ul

response 512324

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.75
125.00	10.10	18.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

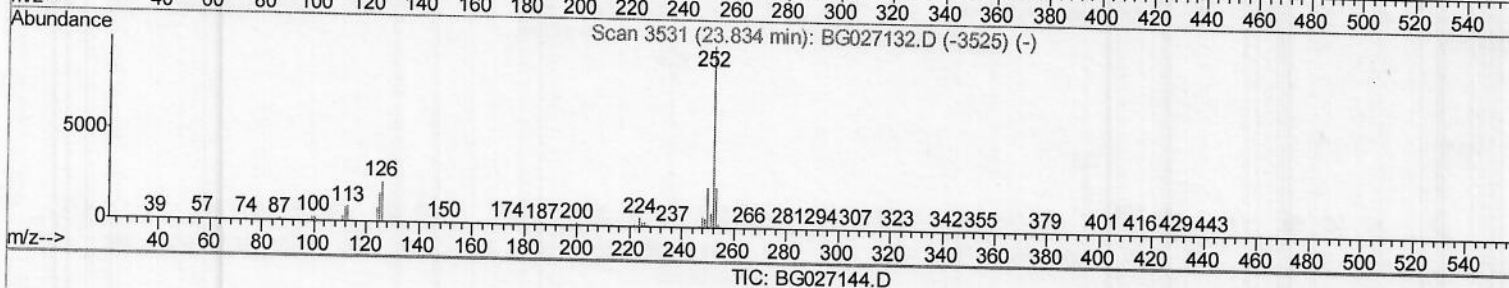
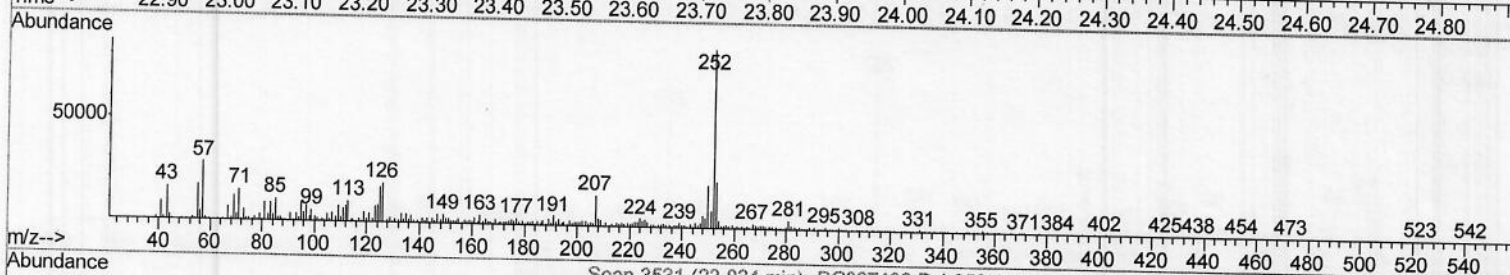
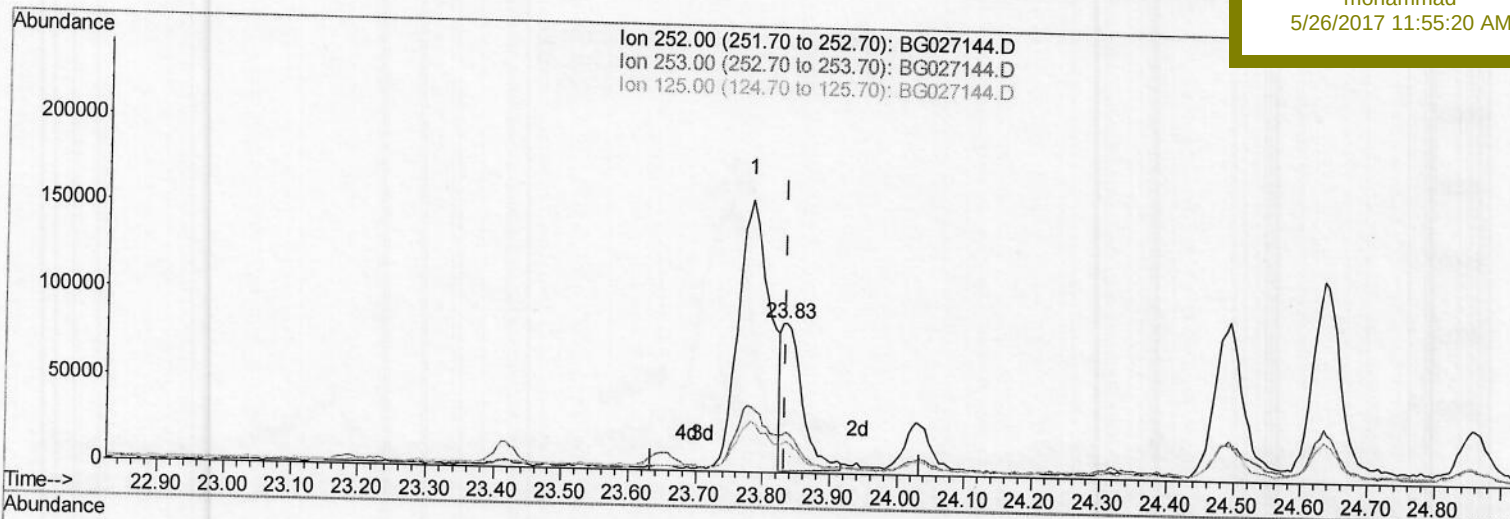
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 ALS Vial : 14 Sample Multiplier: 1

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Client Sample Id :
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(24) Benzo(k)fluoranthene

23.835min (+0.001) 3.61ng/ul m

response 181409

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.40
125.00	10.10	20.31#
0.00	0.00	0.00

Handwritten: 5.3 / 05/30/17

Quantitation Report (Qedit)

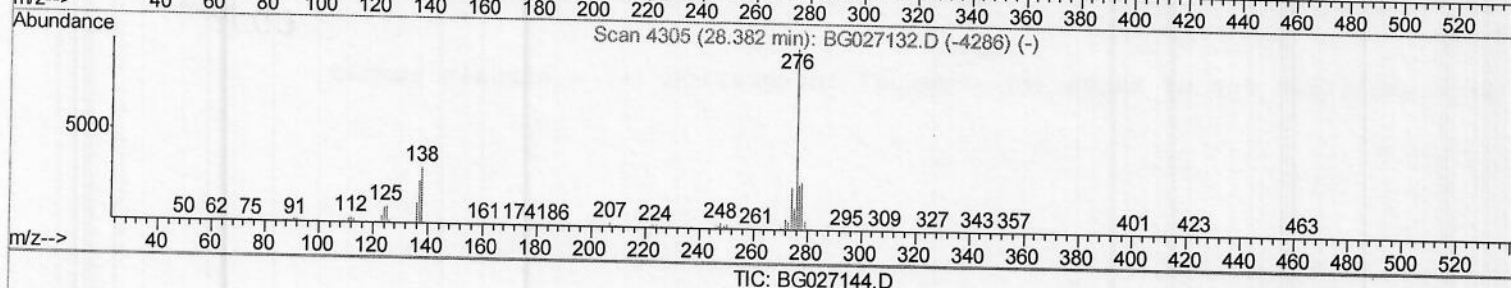
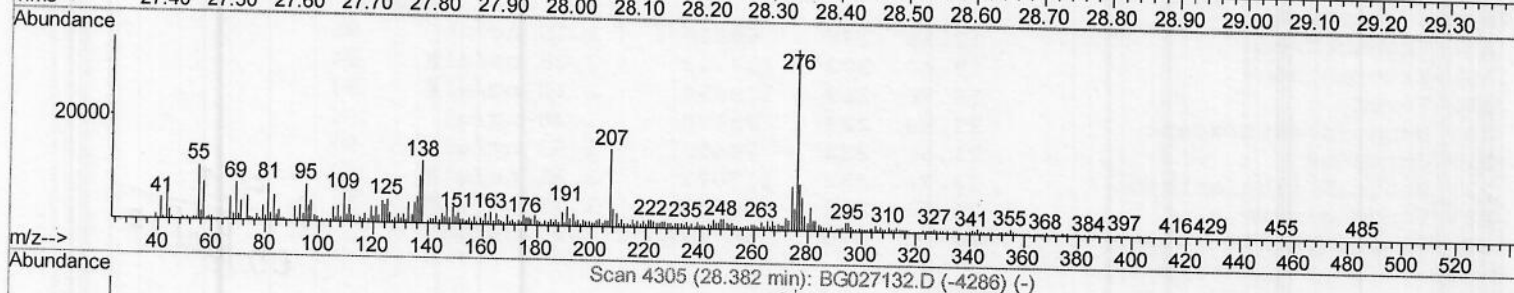
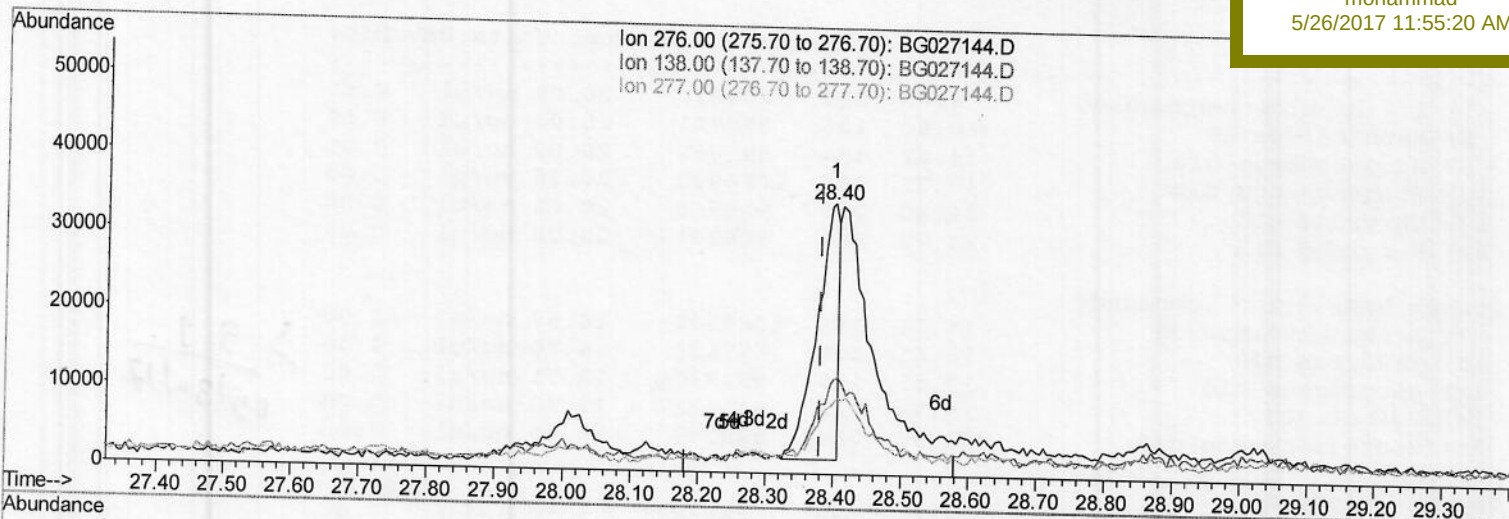
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(27) Indeno(1,2,3-cd)pyrene

28.400min (+0.018) 1.72ng/ul

response 75520

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.18#
277.00	22.50	26.49
0.00	0.00	0.00

Quantitation Report (Qedit)

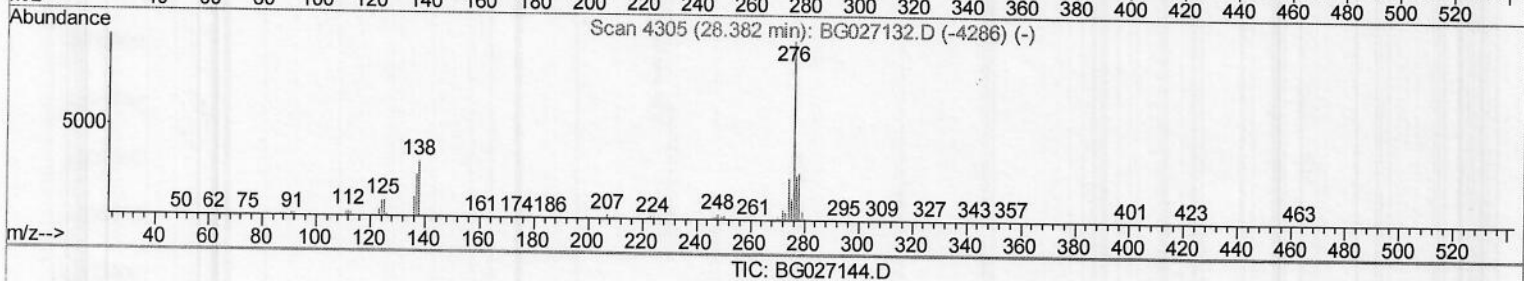
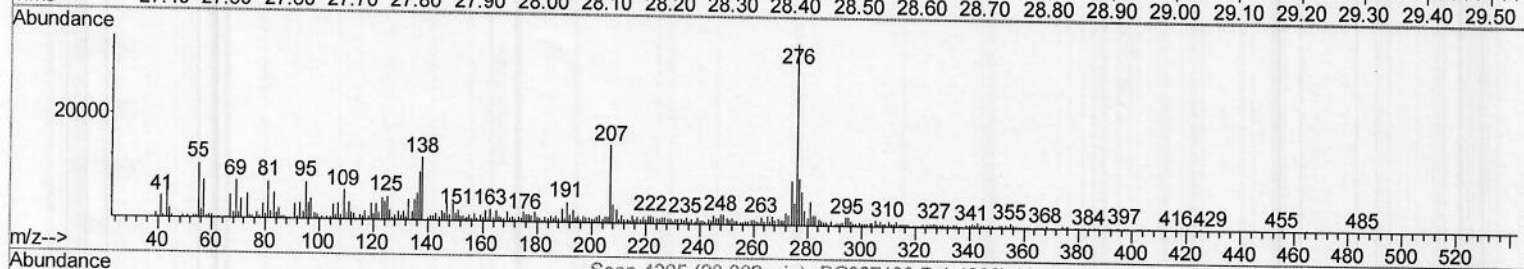
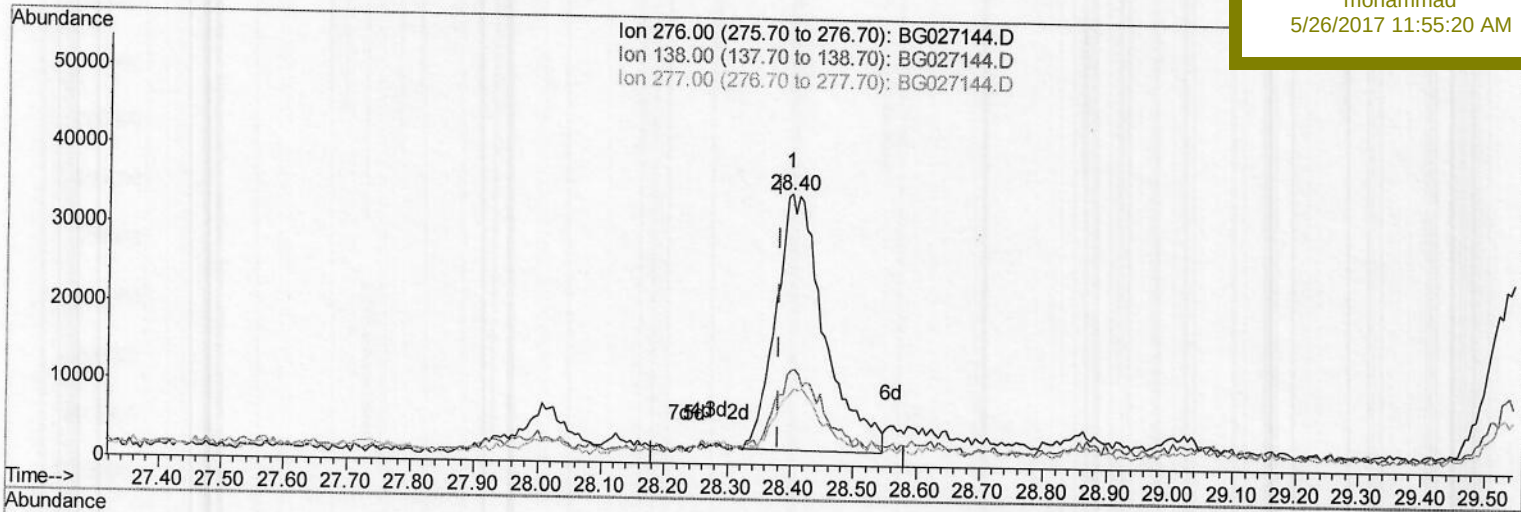
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Manual Integrations
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 5/26/2017 11:55:20 AM



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

28.400min (+0.018) 4.02ng/ul m

response 177016

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.18#
277.00	22.50	26.49
0.00	0.00	0.00

55.3
 05/30/17

Quantitation Report (Qedit)

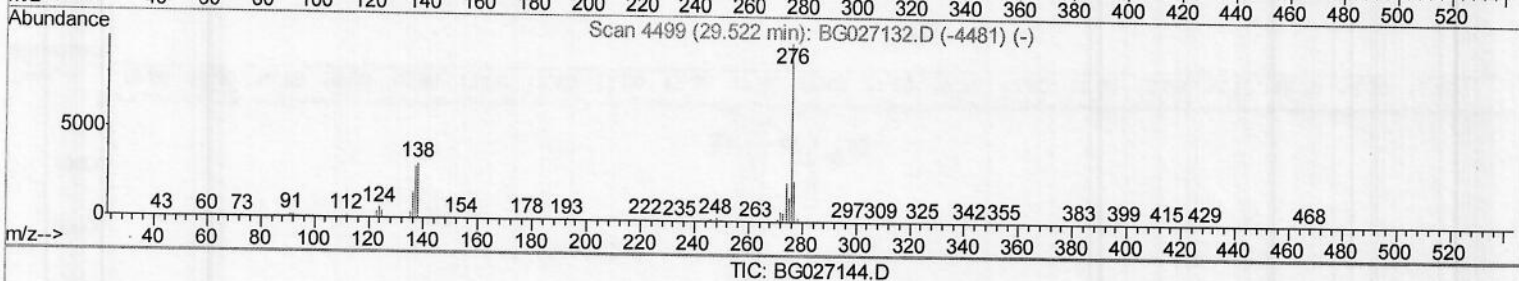
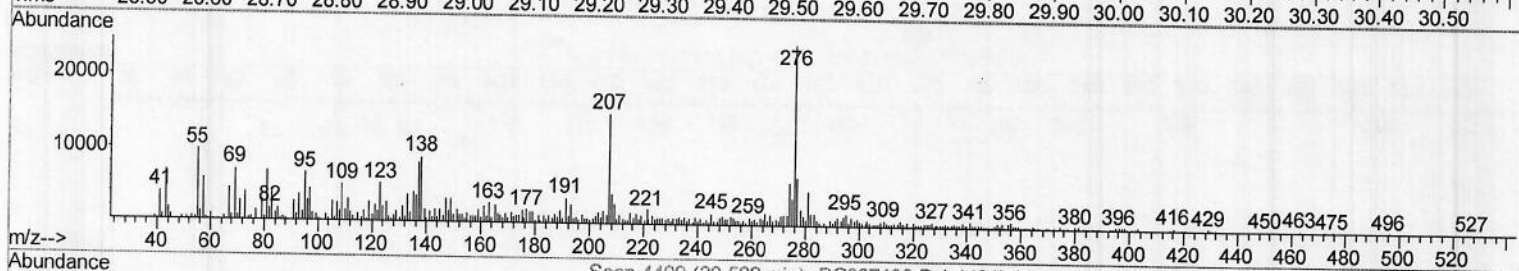
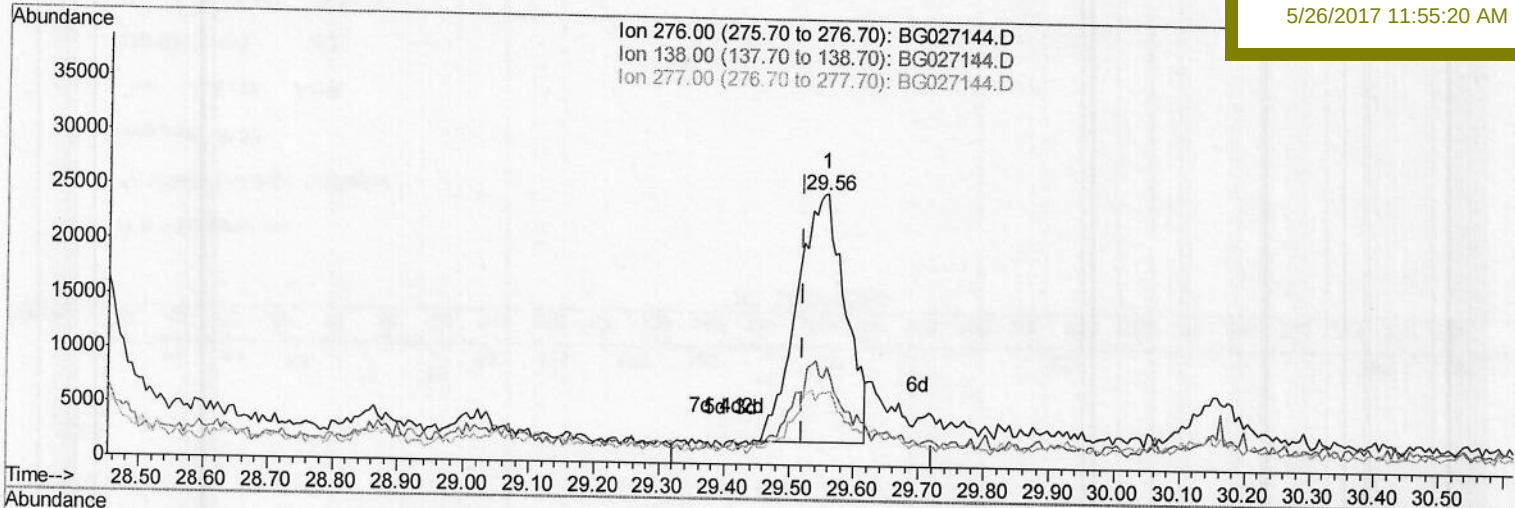
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Manual Integrations
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 5/26/2017 11:55:20 AM



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

29.557min (+0.036) 3.37ng/ul

response 117787

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	36.23#
277.00	23.70	26.86
0.00	0.00	0.00

Quantitation Report (Qedit)

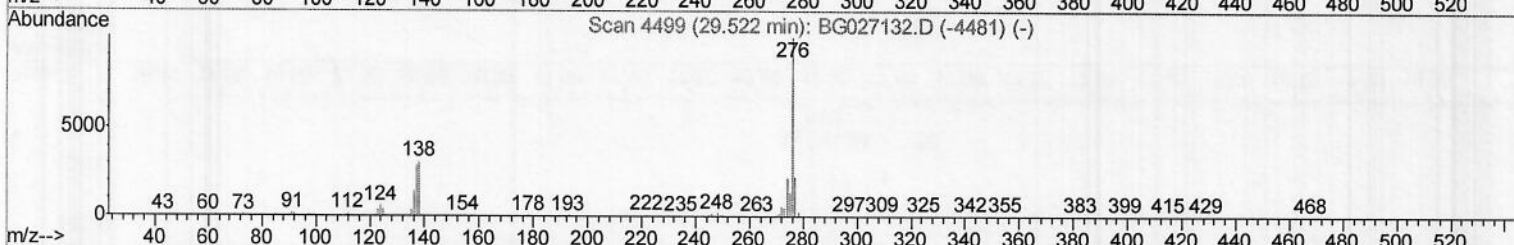
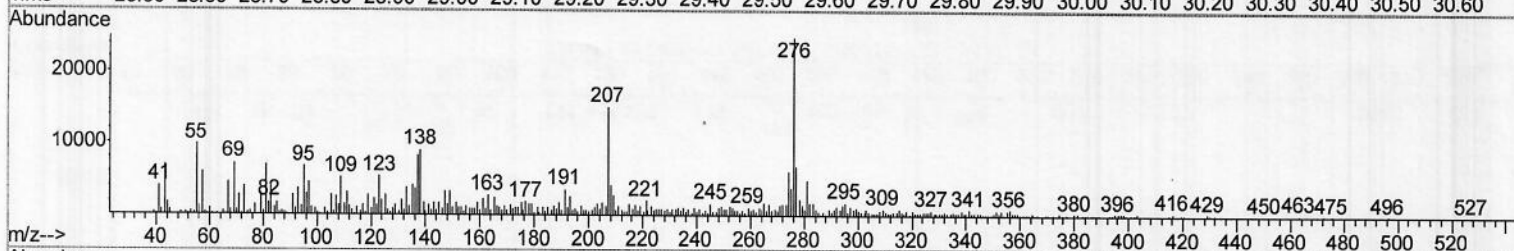
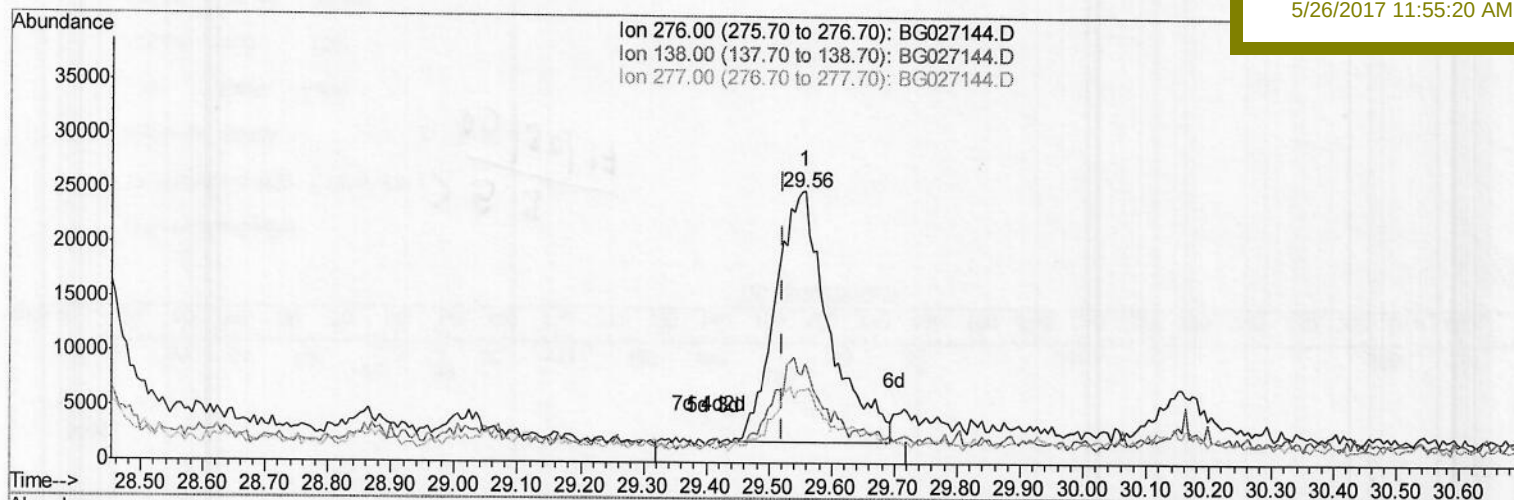
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027144.D
 Acq On : 25 May 2017 1:24
 Operator : SJ/MA
 Sample : I3279-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 25 04:54:25 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 DACB4

Manual Integrations
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 5/26/2017 11:55:20 AM



TIC: BG027144.D

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

29.557min (+0.036) 3.91ng/ul m

response 136675

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	36.23#
277.00	23.70	26.86
0.00	0.00	0.00

3.3
 05/30/17

Quantitation Report (Qedit)

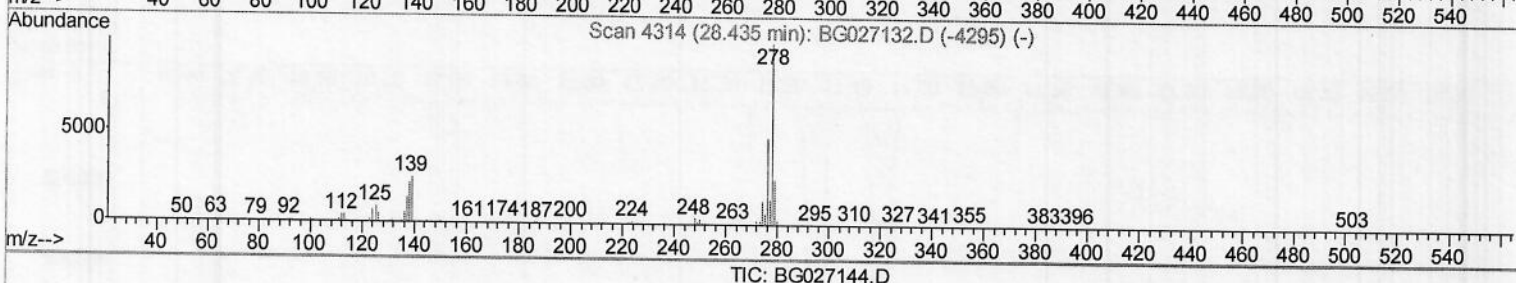
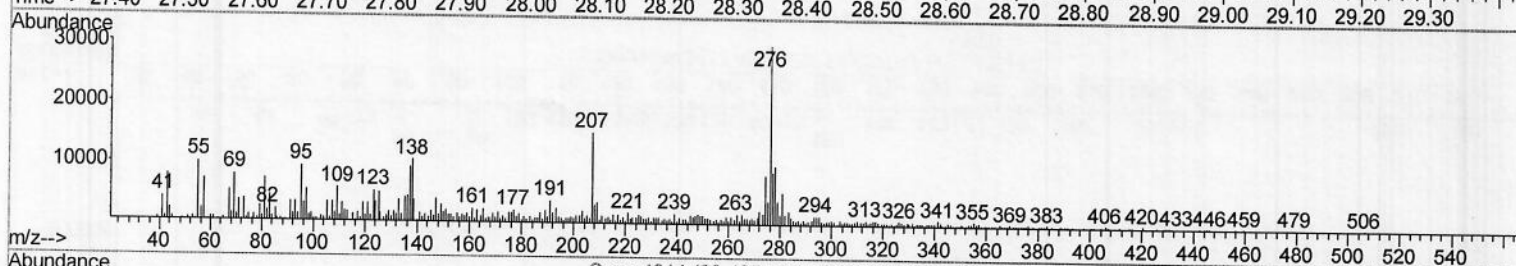
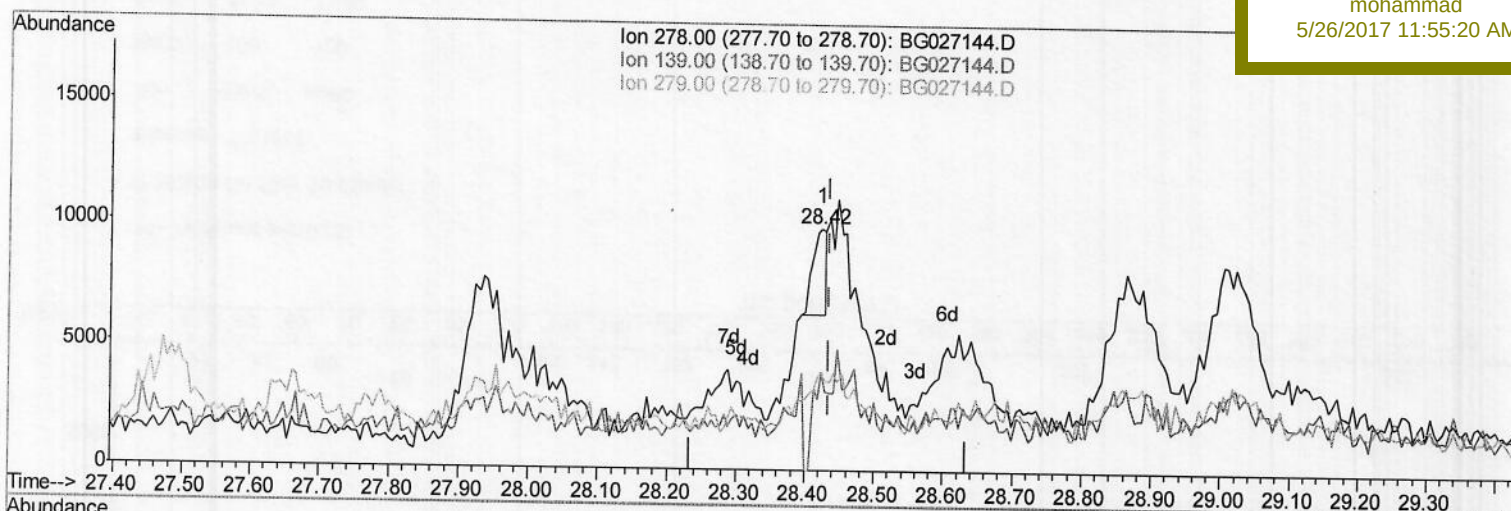
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 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 25 05:56:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
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Manual Integrations
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 5/26/2017 11:55:20 AM



(28) Dibenzo(a,h)anthracene

28.423min (-0.011) 0.14ng/ul

response 5230

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	39.55#
279.00	24.00	40.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

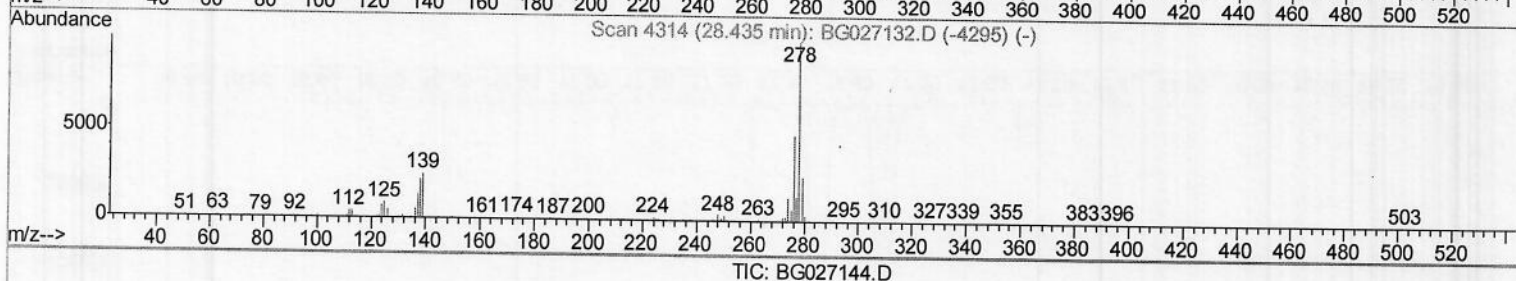
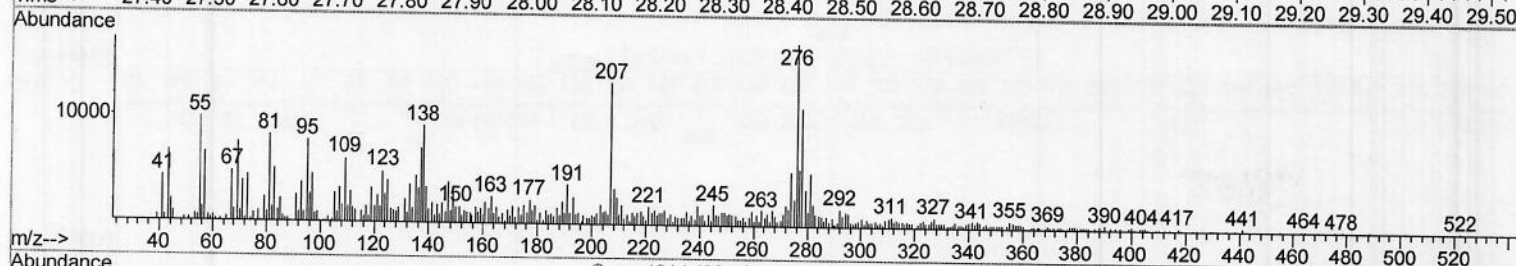
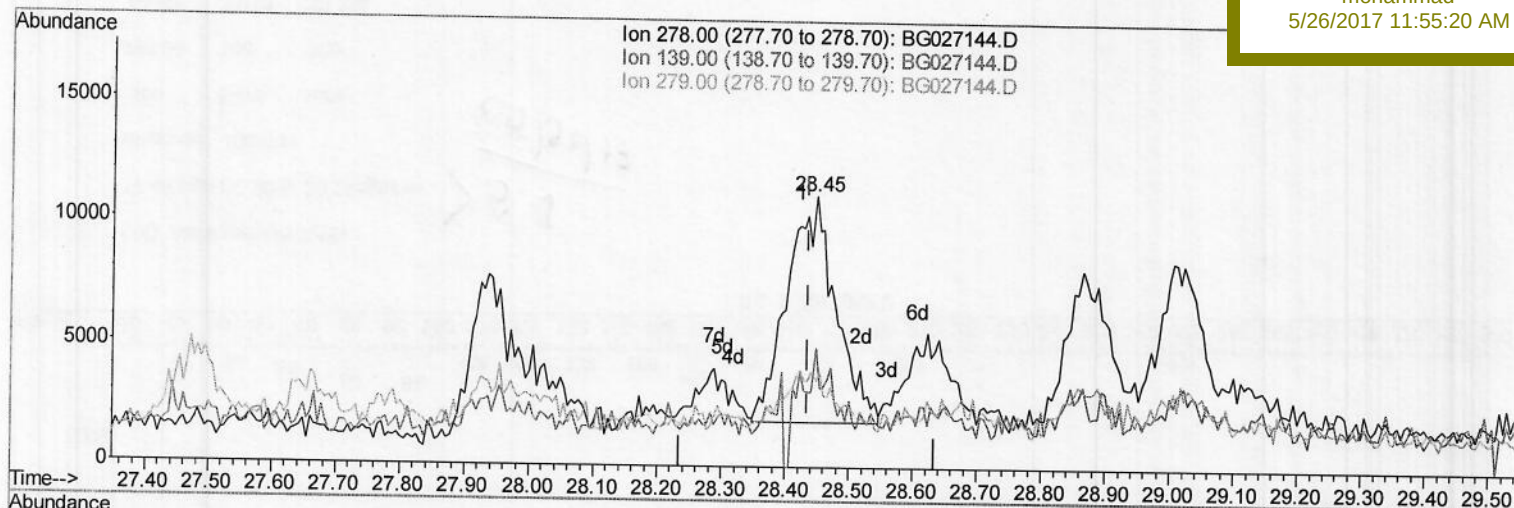
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Misc :
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ClientSampleId :
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Manual Integrations
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5/26/2017 11:55:20 AM



(28) Dibenzo(a,h)anthracene

28.447min (+0.012) 1.29ng/ul m

response 48960

Ion Exp% Act%

278.00	100	100
139.00	15.30	31.72#
279.00	24.00	32.25#
0.00	0.00	0.00

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 Misc :
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Instrument :
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Manual Integrations
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 5/26/2017 11:55:20 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	232373	20.00	nq/ul	0.00
2) Naphthalene-d8	10.80	136	1117829	20.00	nq/ul	0.00
6) Acenaphthene-d10	14.62	164	580042	20.00	nq/ul	0.00
12) Phenanthrene-d10	17.35	188	1043004	20.00	nq/ul	0.00
17) Chrysene-d12	21.61	240	925856	20.00	nq/ul	0.00
22) Perylene-d12	24.79	264	822747	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1367140	22.98	nq/ul	0.00
10) Fluorene-d10	15.61	176	869130	21.90	nq/ul	0.00
14) Anthracene-d10	17.45	188	1149682m	22.61	nq/ul	0.00
18) Pyrene-d10	19.74	212	1126503	23.30	nq/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	991904	24.26	ng/ul	0.01
Target Compounds						
13) Phenanthrene	17.40	178	361788	6.20	nq/ul	98
15) Anthracene	17.49	178	71951	1.20	nq/ul	96
16) Fluoranthene	19.40	202	696365	11.68	nq/ul#	91
19) Pyrene	19.77	202	580385	9.59	nq/ul#	90
20) Benzo(a)anthracene	21.59	228	356425	6.39	nq/ul	97
21) Chrysene	21.65	228	359850m	7.03	nq/ul	
23) Benzo(b)fluoranthene	23.78	252	512324	10.48	nq/ul#	92
24) Benzo(k)fluoranthene	23.83	252	181409m	3.61	nq/ul	
26) Benzo(a)pyrene	24.63	252	297389	6.22	nq/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.40	276	177016m	4.02	nq/ul	
28) Dibenzo(a,h)anthracene	28.45	278	48960m	1.29	nq/ul	
29) Benzo(a,h,i)perylene	29.56	276	136675m	3.91	nq/ul	

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

> S.J.
 05/30/17

S.J.
 05/30/17

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Instrument :

BNA_G

Client Sampled :

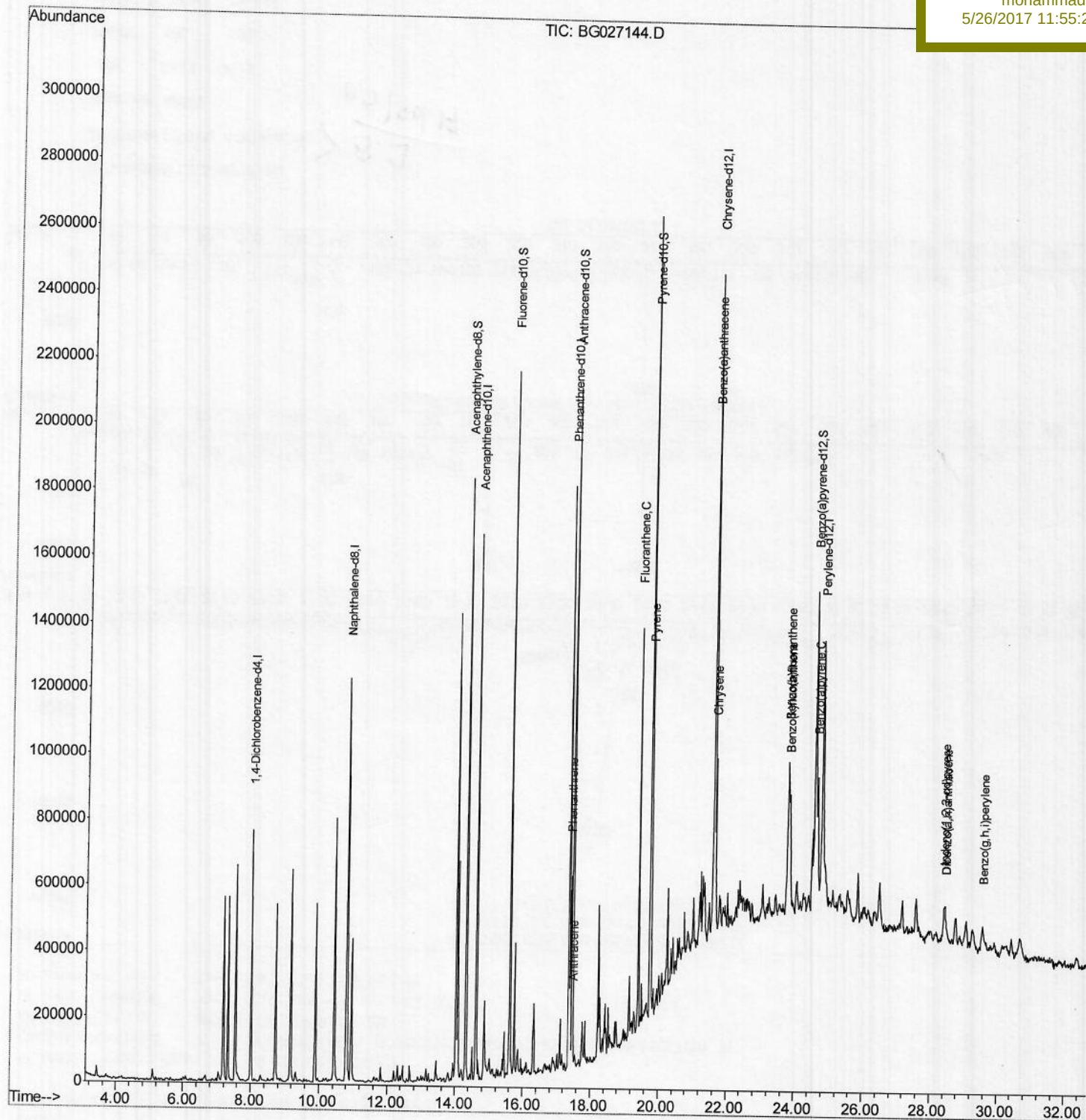
DACB4

Manual Integrations

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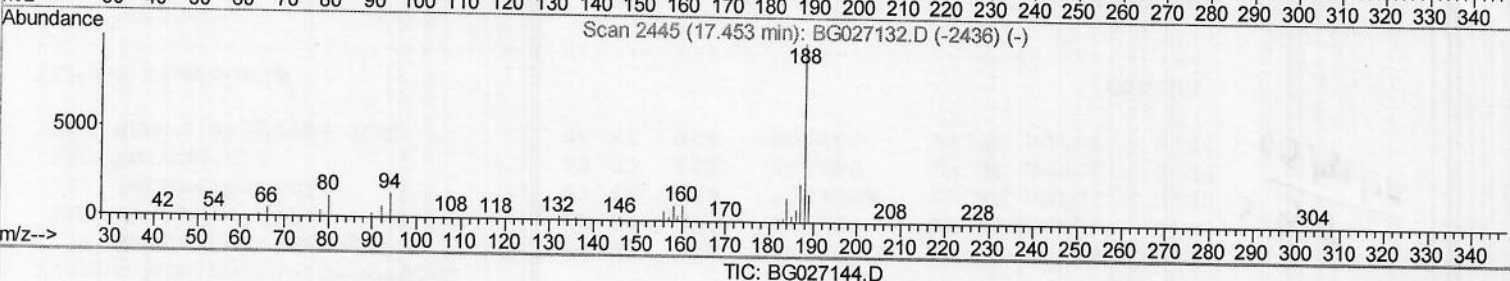
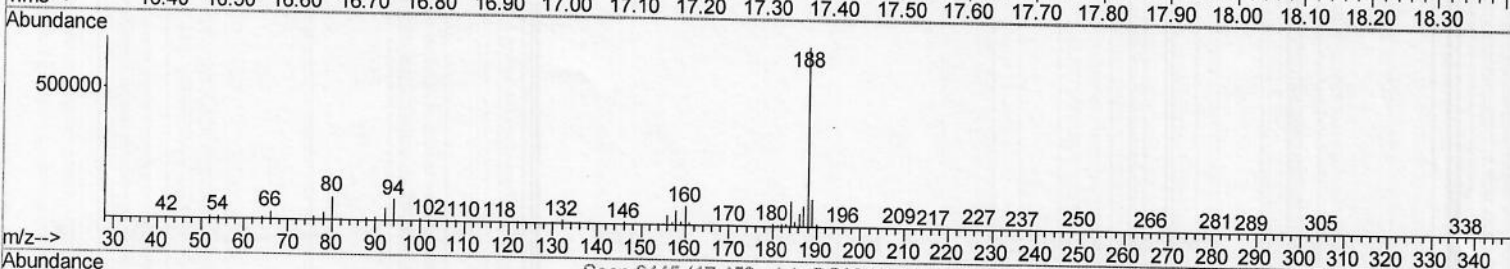
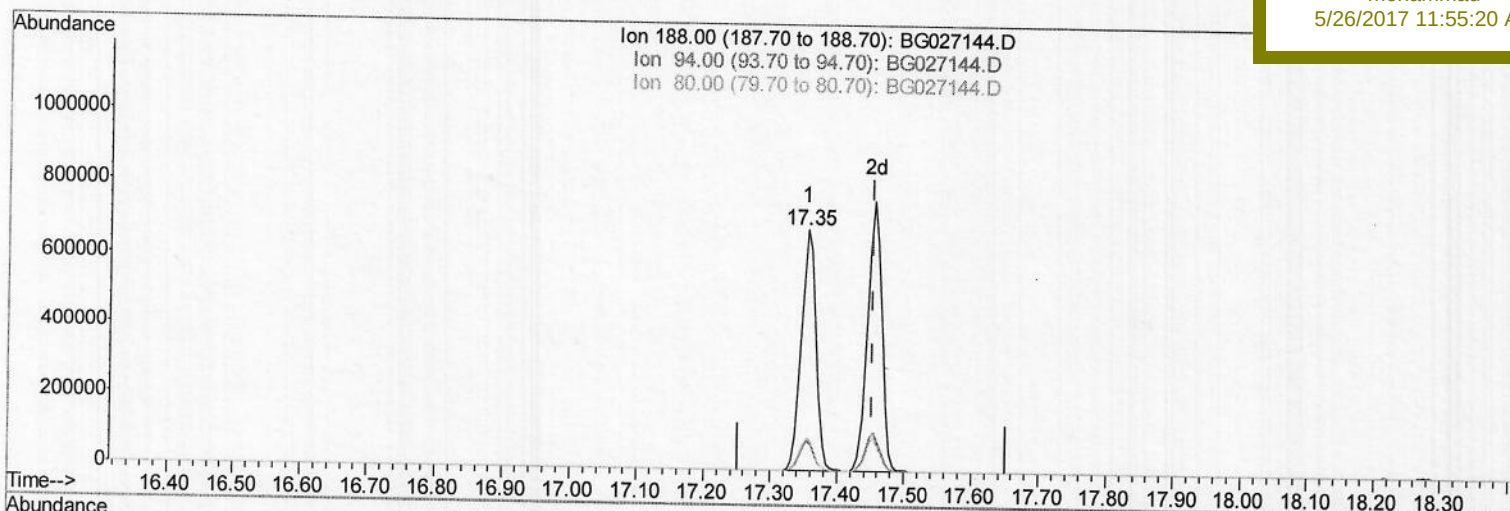
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APPROVED

mohammad
5/26/2017 11:55:20 AM



(14) Anthracene-d10 (S)

17.354min (-0.099) 20.51ng/ul

response 1043004

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.17
80.00	11.80	13.35
0.00	0.00	0.00