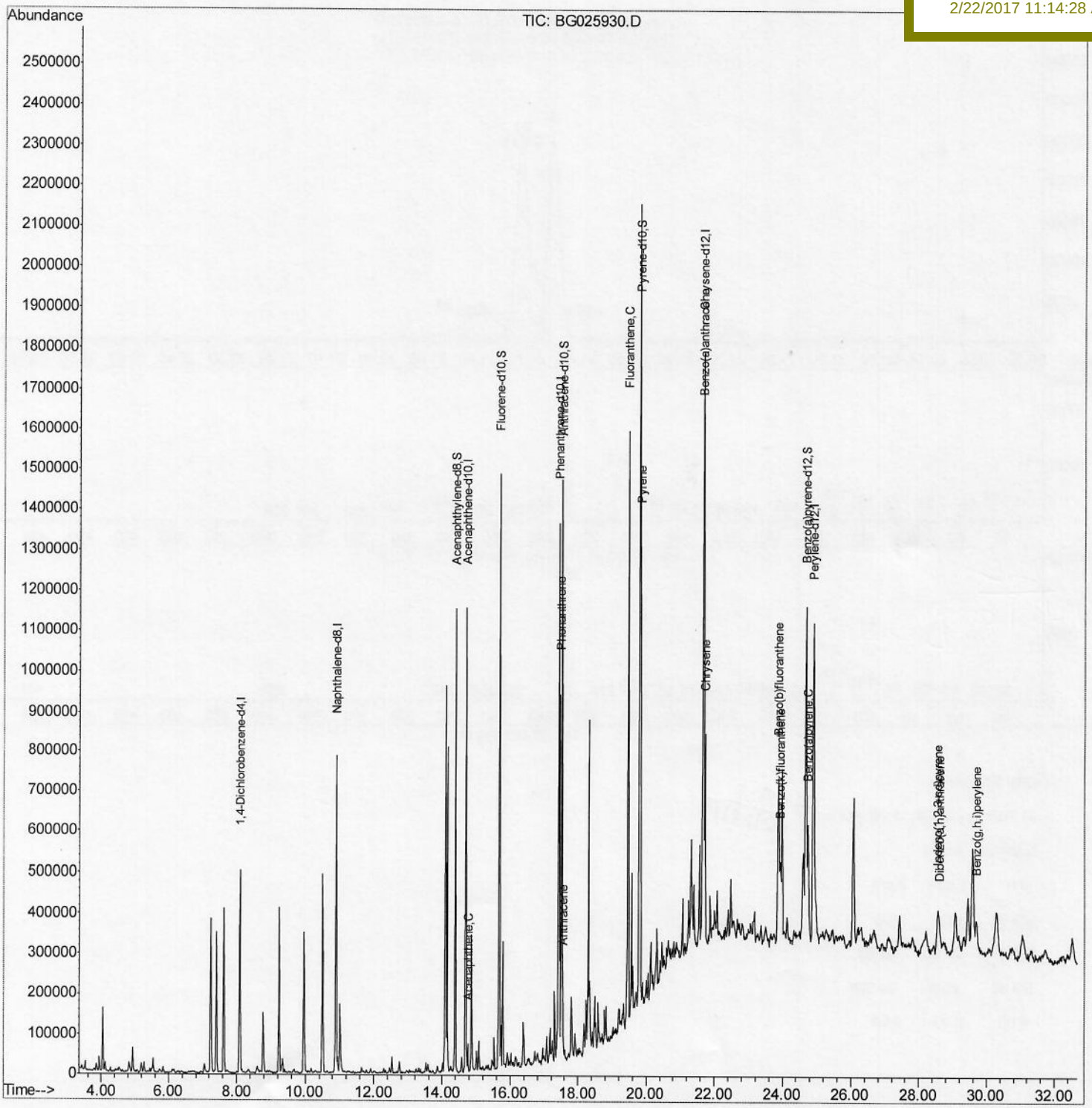
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG022117\
Data File : BG025930.D
Acq On : 22 Feb 2017 7:48
Operator : SJ/MA
Sample : I1901-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Feb 22 10:42:19 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 :
DABE7

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:28 AM



Quantitation Report (Qedit)

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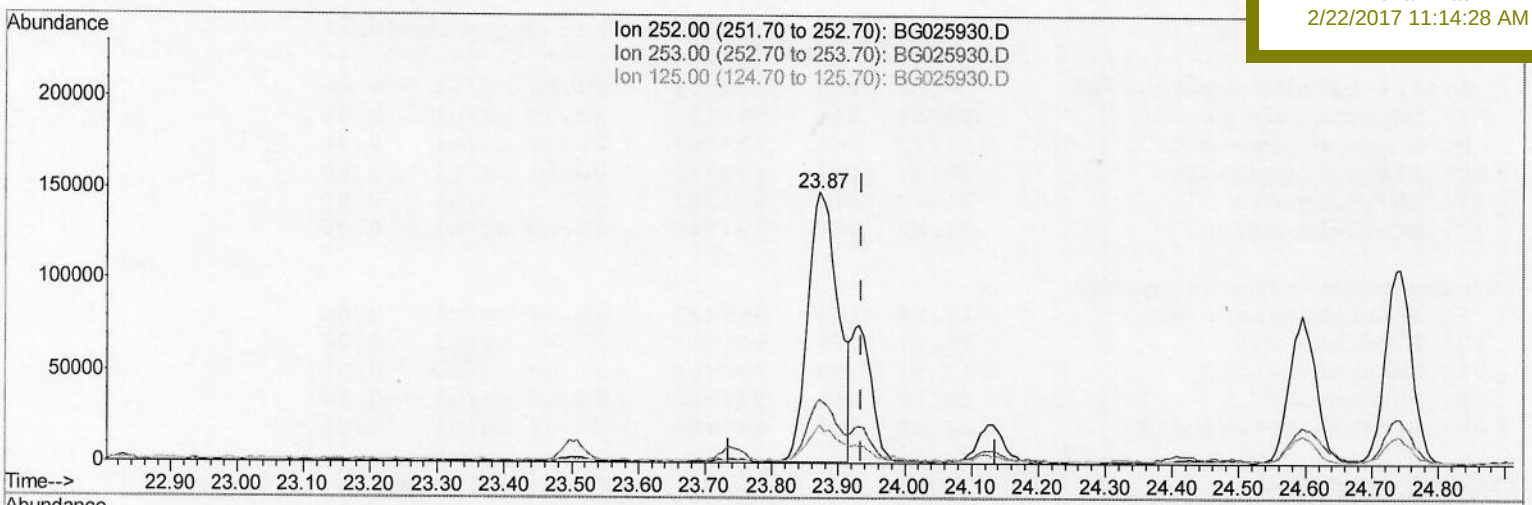
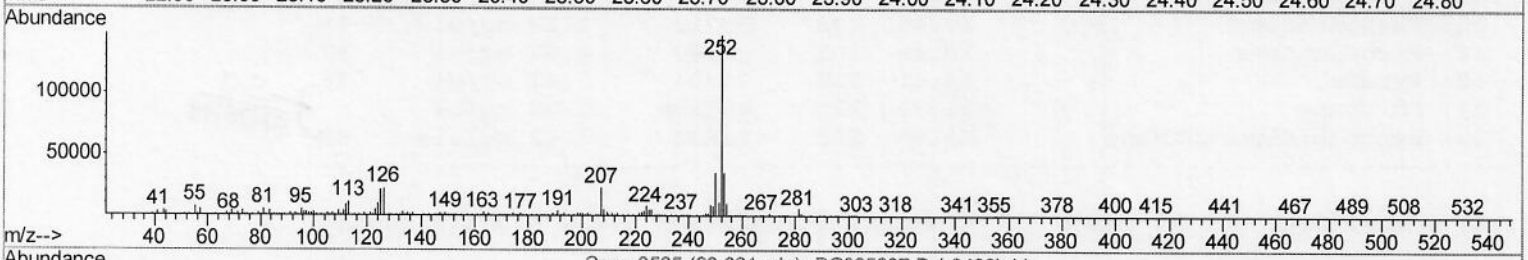
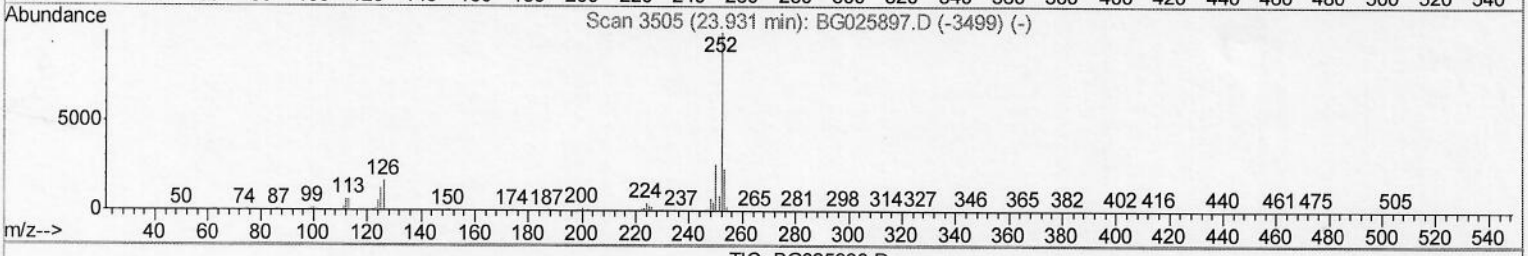
Quant Time: Feb 28 12:13:34 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 11:43:51 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DABE7

Manual Integrations APPROVED
mohammad
2/22/2017 11:14:28 AM







TIC: BG025930.D

(24) Benzo(k)fluoranthene

23.873min (-0.064) 10.63ng/ul

response 464426

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.77
125.00	10.10	14.31#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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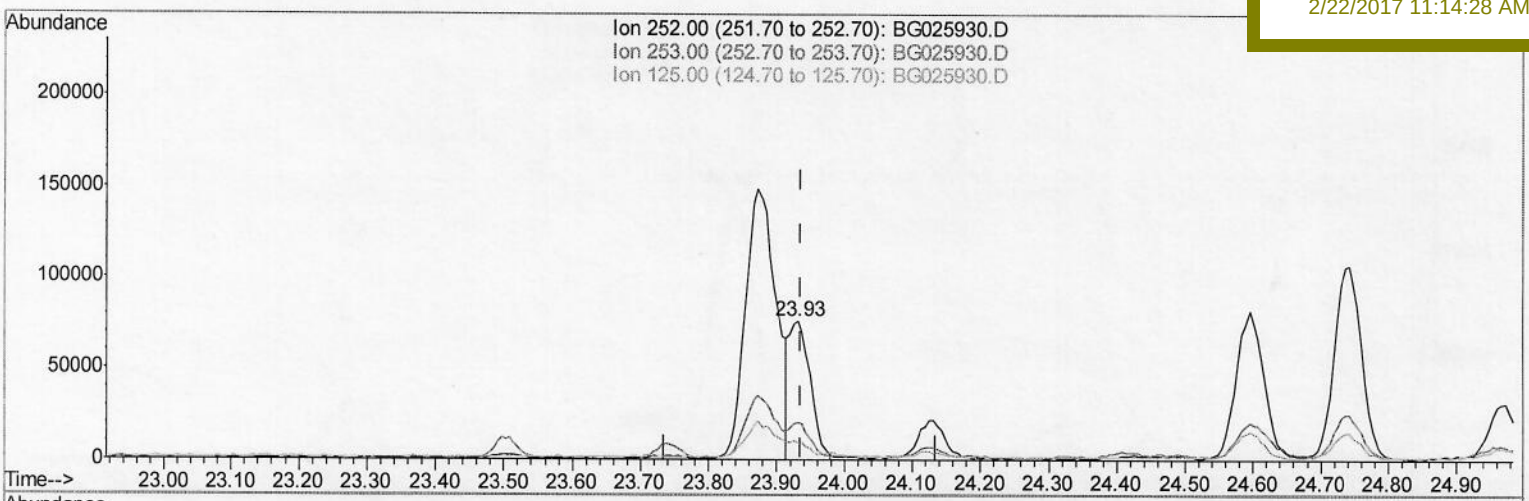

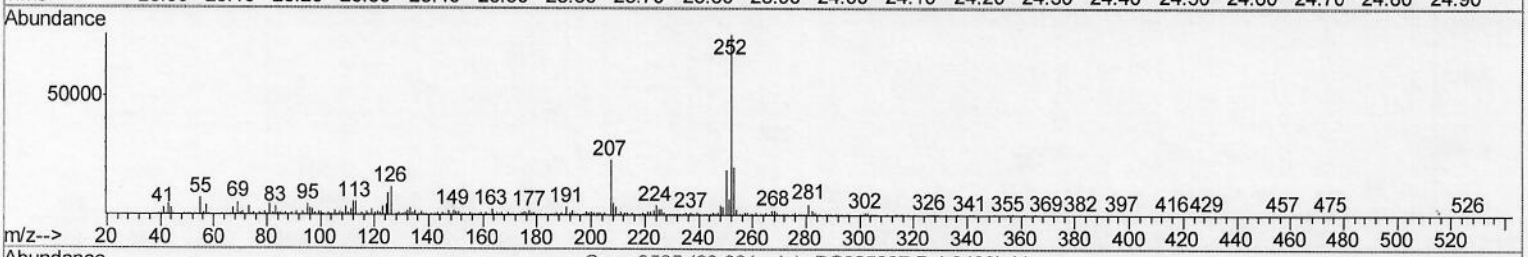

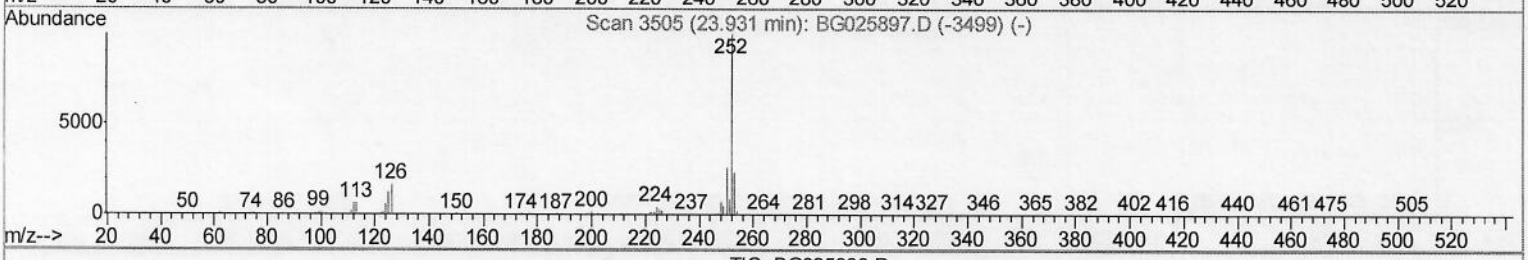

TIC: BG025930.D

(24) Benzo(k)fluoranthene

23.931min (-0.005) 3.71ng/ul m

response 162184

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02/28/17

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.80
125.00	10.10	12.82#
0.00	0.00	0.00

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BNA_G
ClientSampleId :
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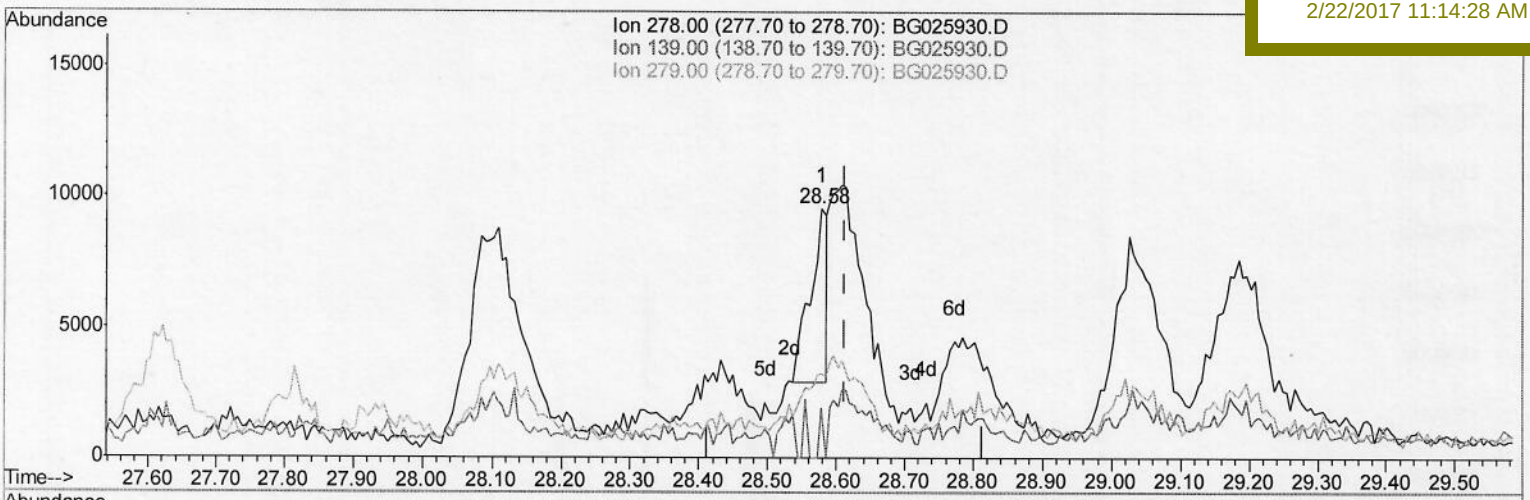
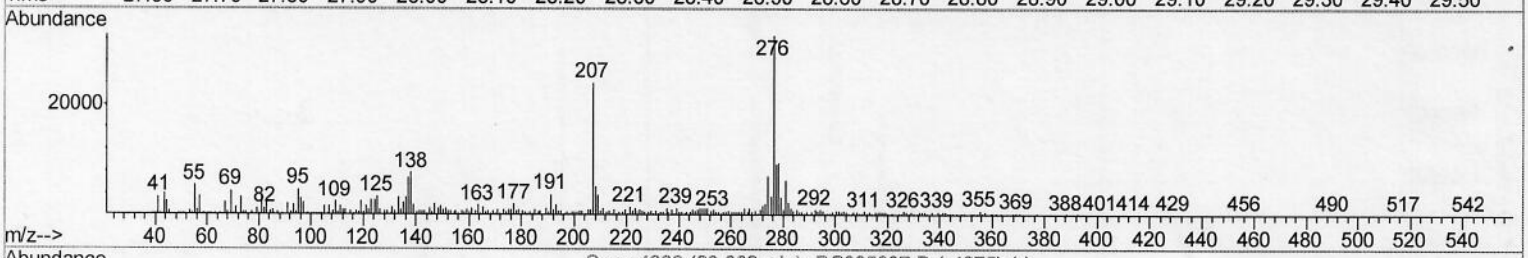
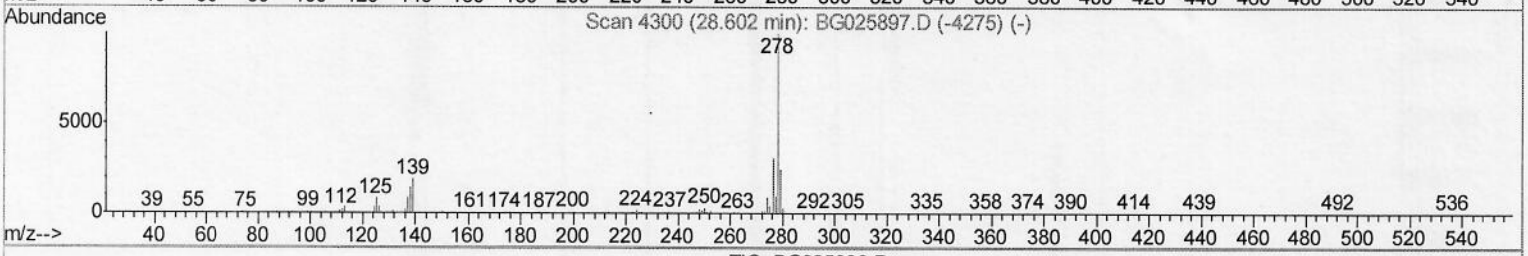
Manual Integrations APPROVED
mohammad
2/22/2017 11:14:28 AM







TIC: BG025930.D

(28) Dibenzo(a,h)anthracene

28.579min (-0.034) 0.27ng/ul

response 11265

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	19.68#
279.00	24.00	33.26#
0.00	0.00	0.00

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BNA_G
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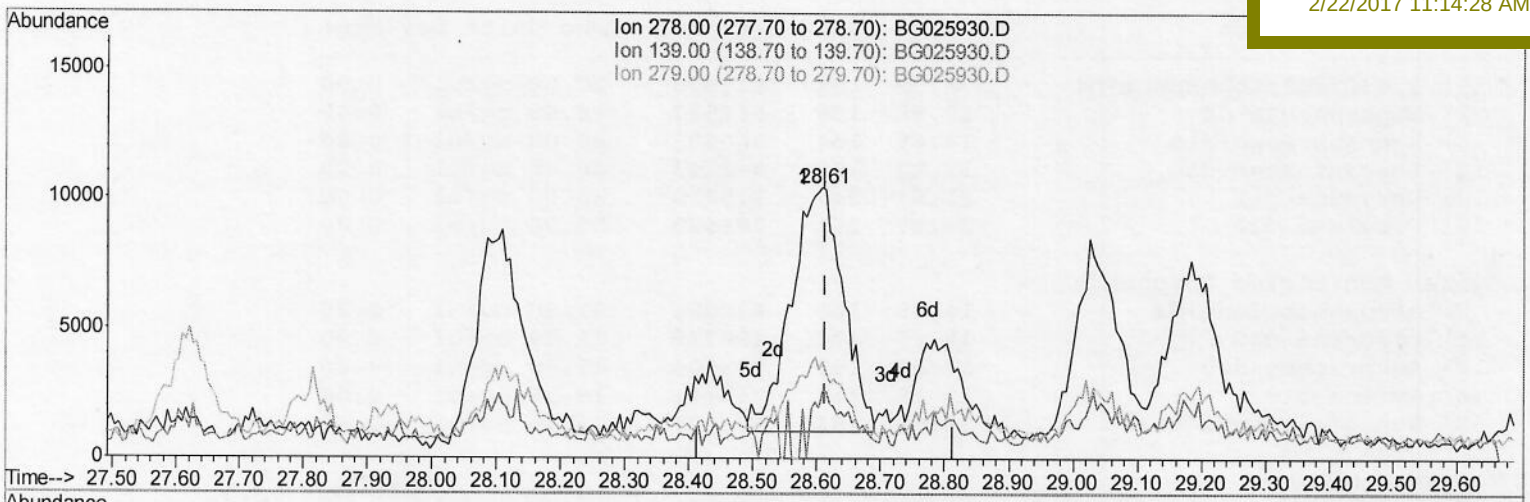
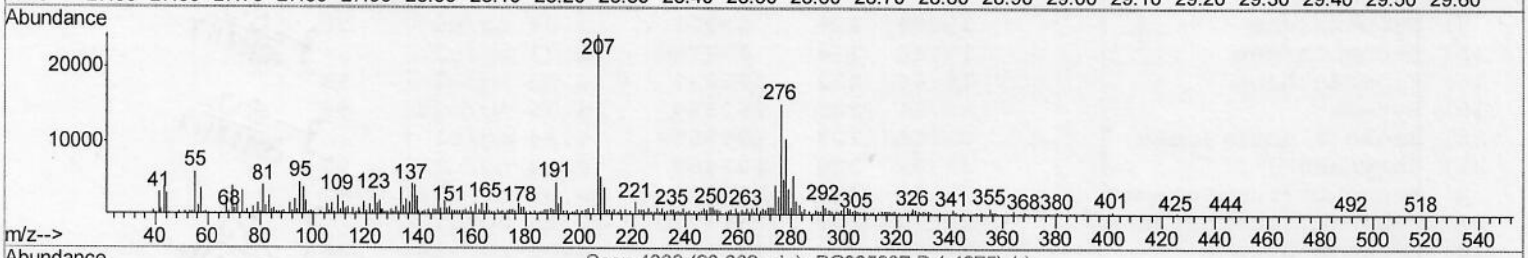
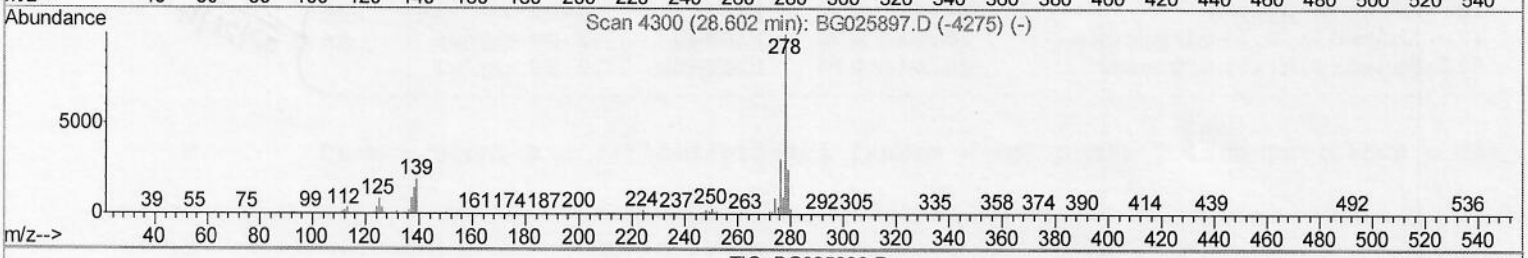
Manual Integrations APPROVED
mohammad
2/22/2017 11:14:28 AM







TIC: BG025930.D

(28) Dibenzo(a,h)anthracene

28.608min (-0.005) 1.24ng/ul m

response 52646

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Ion	Exp%	Act%
278.00	100	100
139.00	15.30	24.59#
279.00	24.00	35.50#
0.00	0.00	0.00

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Manual Integrations APPROVED
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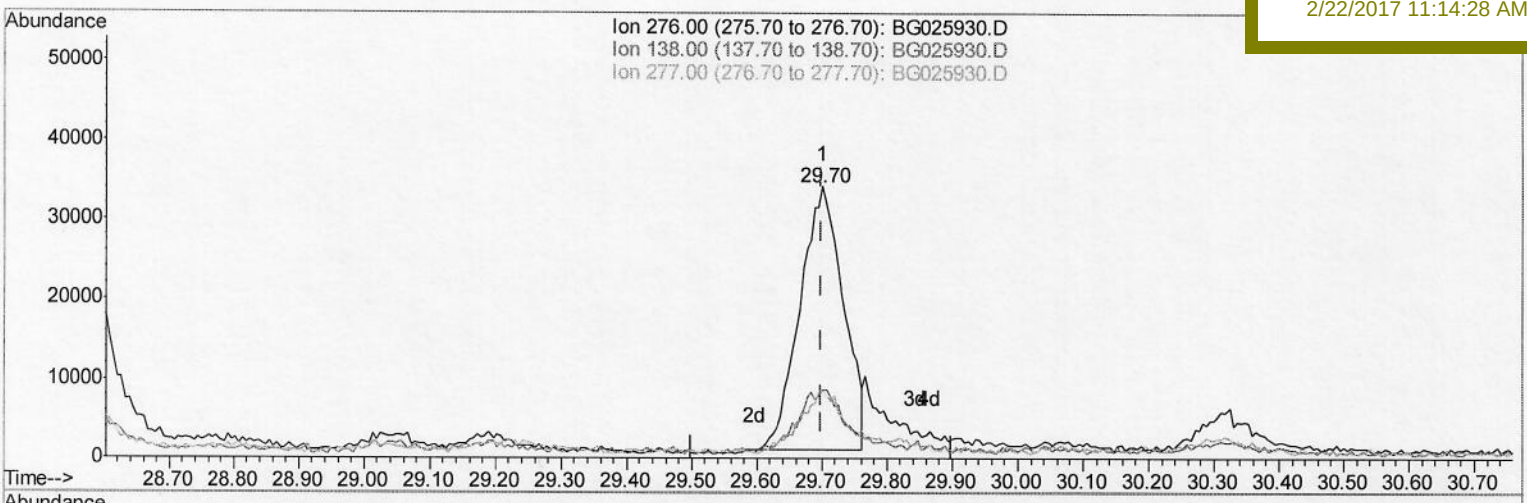

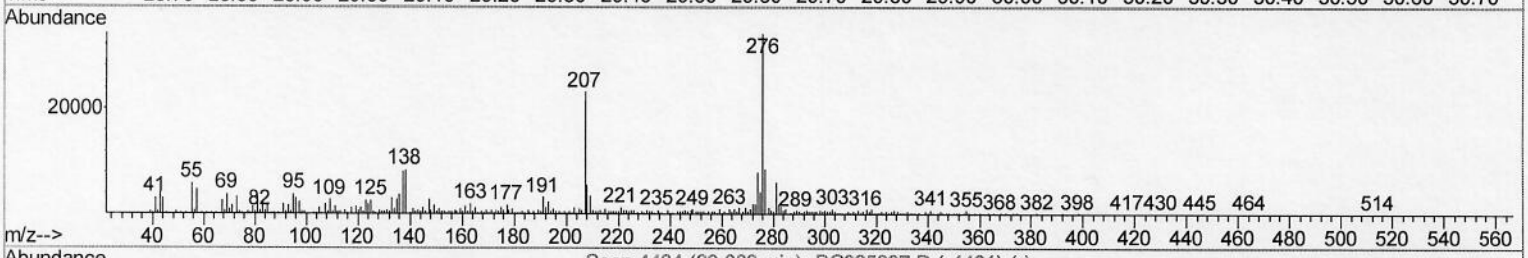

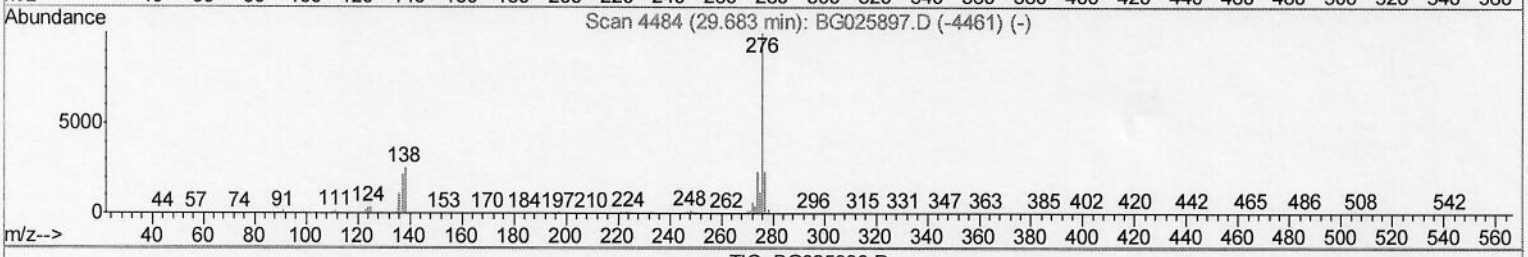

TIC: BG025930.D

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

29.701min (+0.001) 3.60ng/ul

response 152235

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	25.31#
277.00	23.70	25.47
0.00	0.00	0.00

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Manual Integrations APPROVED
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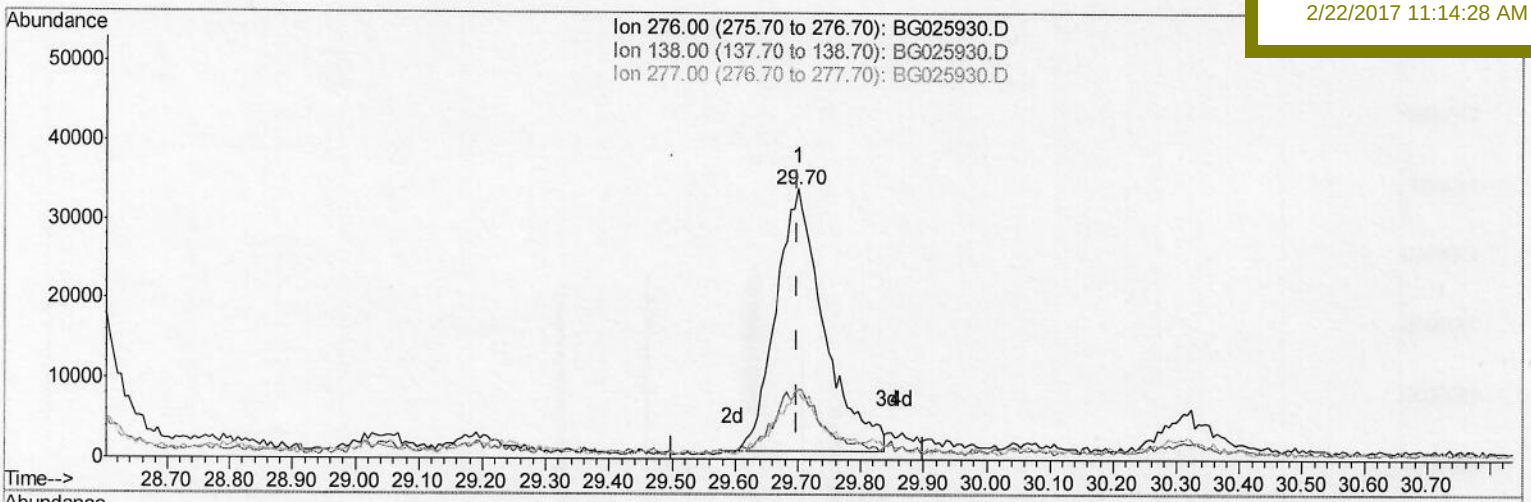
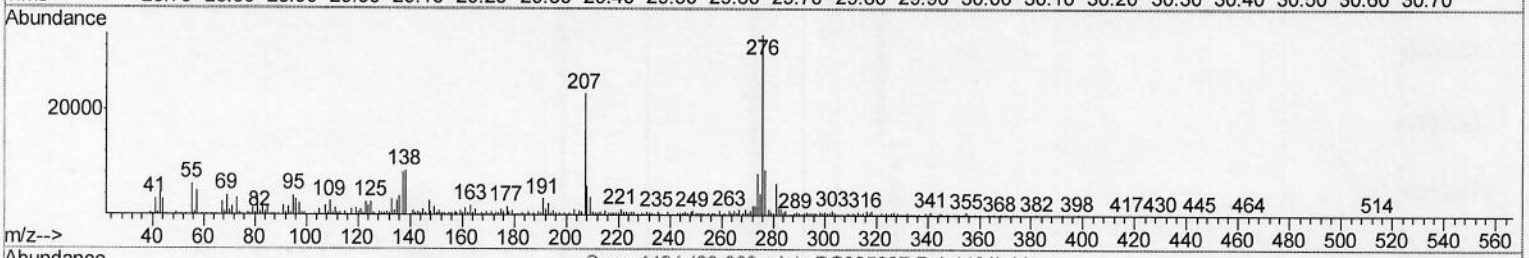
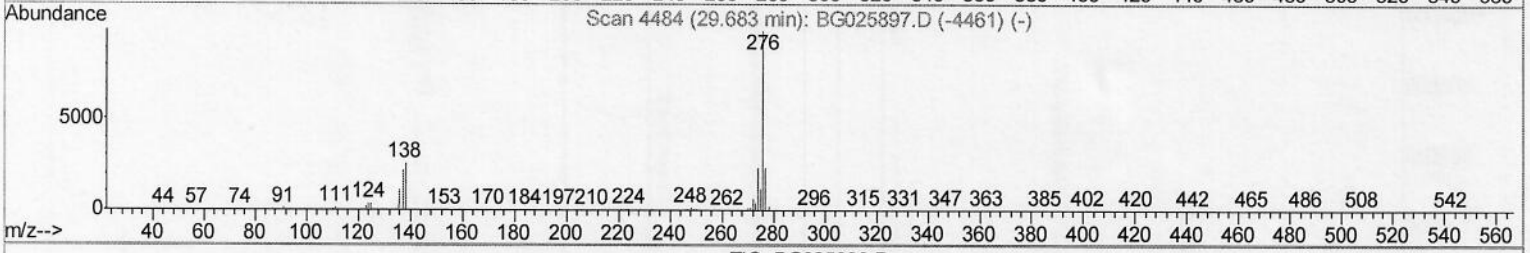
2/22/2017 11:14:28 AM







TIC: BG025930.D

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

29.701min (+0.001) 4.09ng/ul m

S.J 02/28/17

response 172931

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	25.31#
277.00	23.70	25.47
0.00	0.00	0.00

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ClientSampleId : DABE7

Manual Integrations APPROVED
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2/22/2017 11:14:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	141394	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	697208	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	398176	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	809646	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	807739	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	783135	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	831671	25.22	ng/ul	0.00
10) Fluorene-d10	15.68	176	590923	23.34	ng/ul	0.00
14) Anthracene-d10	17.52	188	817398	22.33	ng/ul	0.00
18) Pyrene-d10	19.80	212	883906	22.70	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	818232	23.61	ng/ul	0.00
Target Compounds						Qvalue
9) Acenaphthene	14.75	153	29246	1.21	ng/ul	95
13) Phenanthrene	17.46	178	550898	12.76	ng/ul	98
15) Anthracene	17.56	178	110291	2.51	ng/ul	98
16) Fluoranthene	19.47	202	851317	17.94	ng/ul	99
19) Pyrene	19.82	202	673644	13.78	ng/ul#	96
20) Benzo(a)anthracene	21.66	228	353329	7.78	ng/ul	95
21) Chrysene	21.72	228	347816	8.01	ng/ul	98
23) Benzo(b)fluoranthene	23.87	252	464426	10.26	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	162184m	3.71	ng/ul	→
26) Benzo(a)pyrene	24.74	252	294162	6.72	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.55	276	200024	3.90	ng/ul#	87
28) Dibenzo(a,h)anthracene	28.61	278	52646m	1.24	ng/ul	→
29) Benzo(g,h,i)perylene	29.70	276	172931m	4.09	ng/ul	→

S.J
02/28/17

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