

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052617\
 Data File : BG027158.D
 Acq On : 25 May 2017 10:33
 Operator : SJ/MA
 Sample : I3276-20
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: May 25 12:12:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

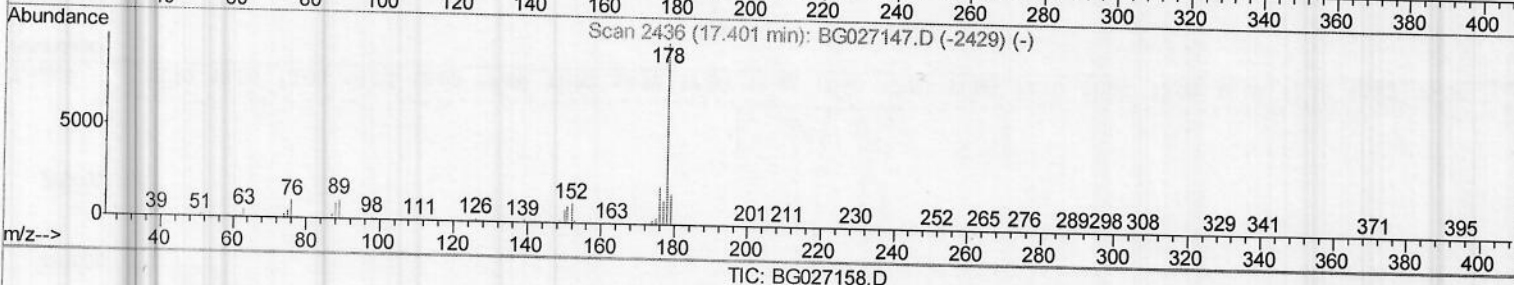
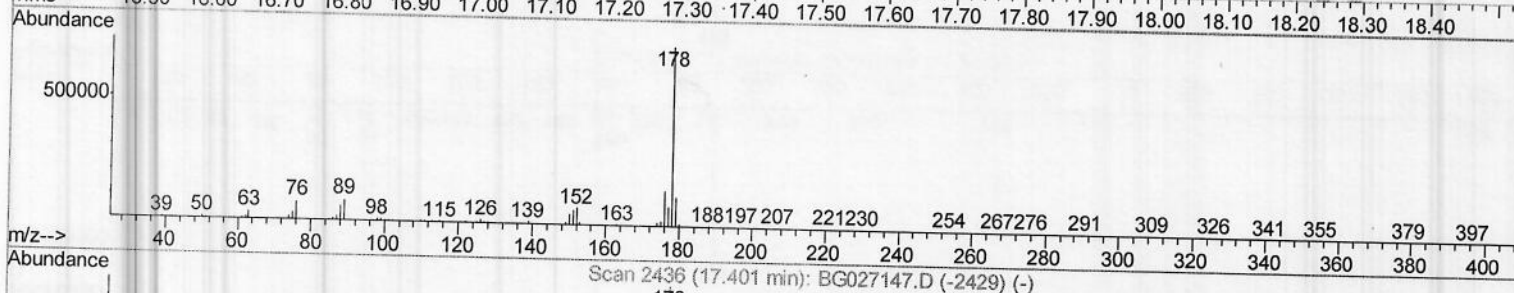
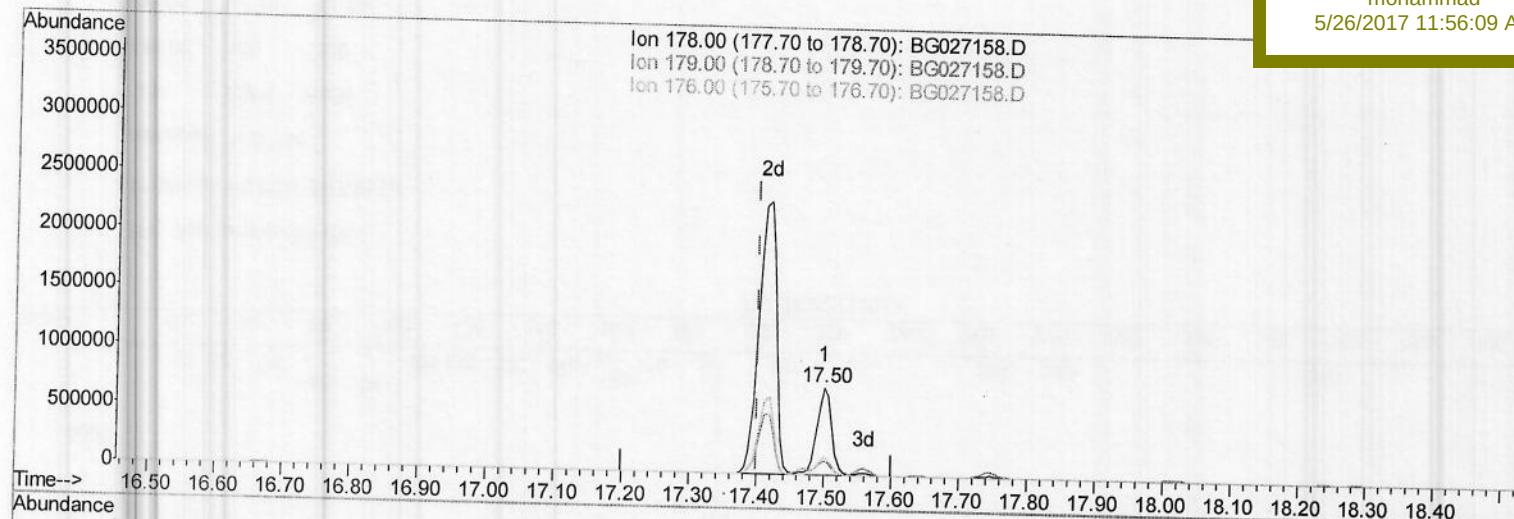
DAC94

Manual Integrations

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mohammad

5/26/2017 11:56:09 AM



(13) Phenanthrene

17.500min (+0.099) 22.72ng/ul

response 1105612

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	16.41
176.00	18.90	20.12
0.00	0.00	0.00

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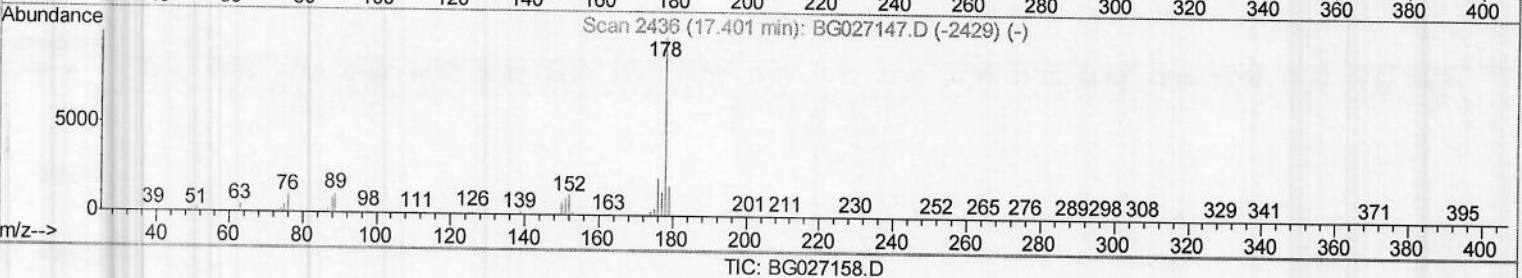
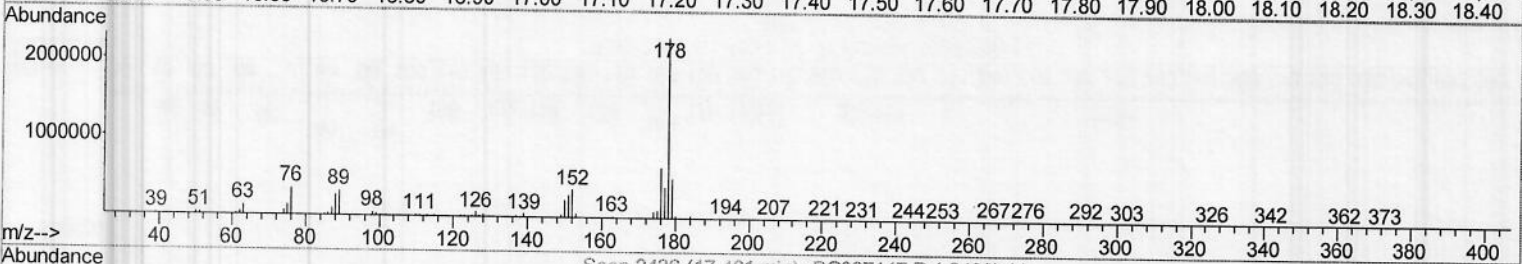
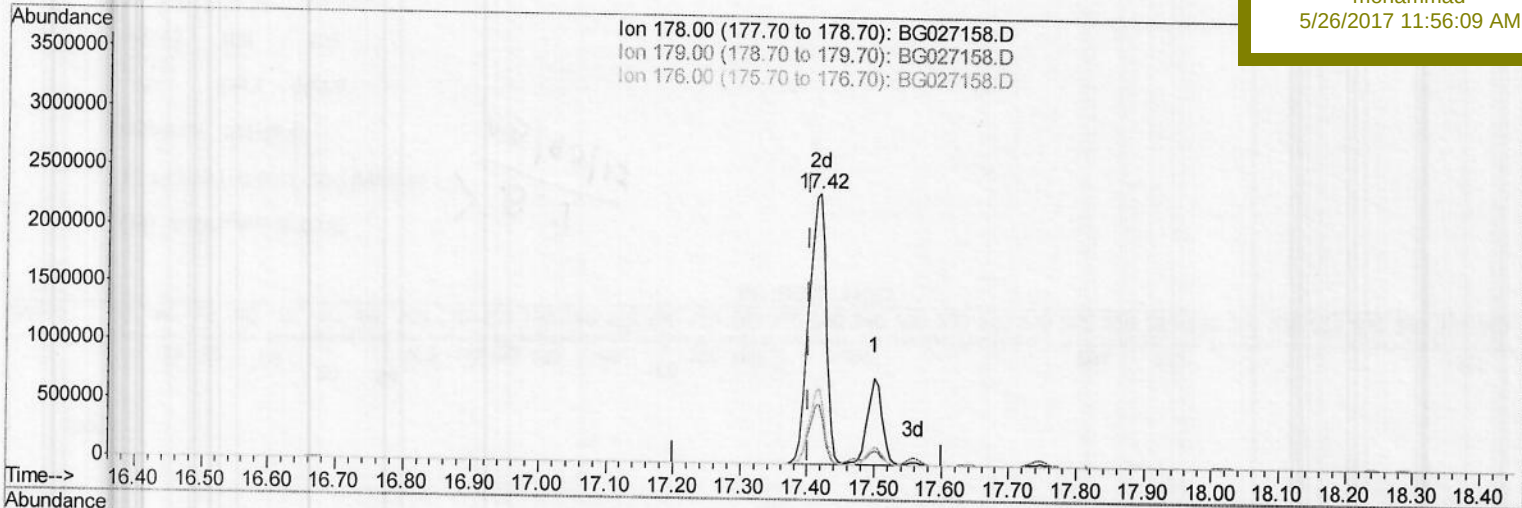
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(13) Phenanthrene

17.417min (+0.016) 85.09ng/ul m

response 4140161

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	21.69#
176.00	18.90	27.81#
0.00	0.00	0.00

> 5.3
 05/30/17

Quantitation Report (Qedit)

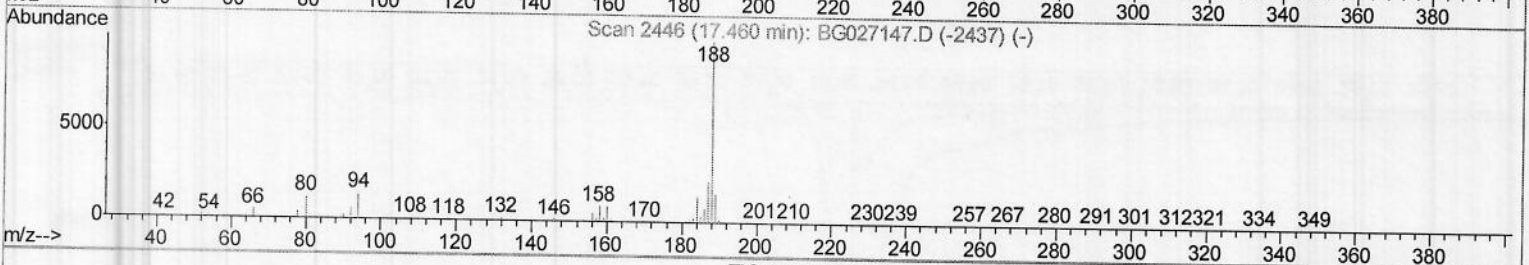
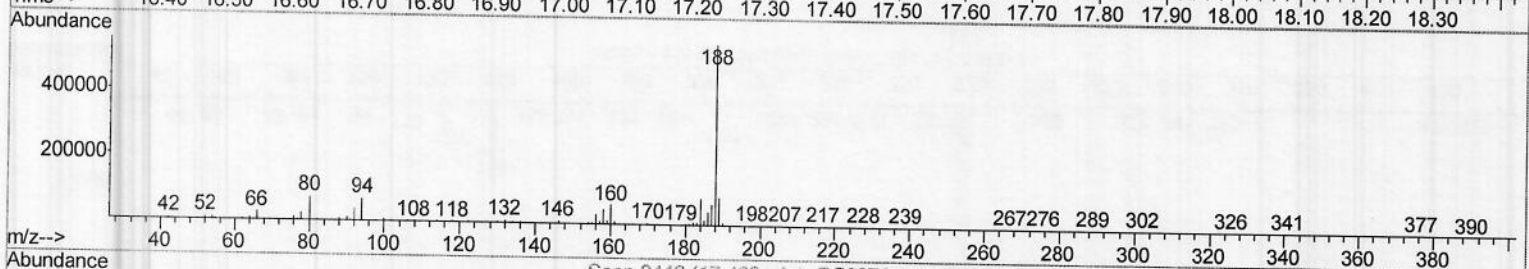
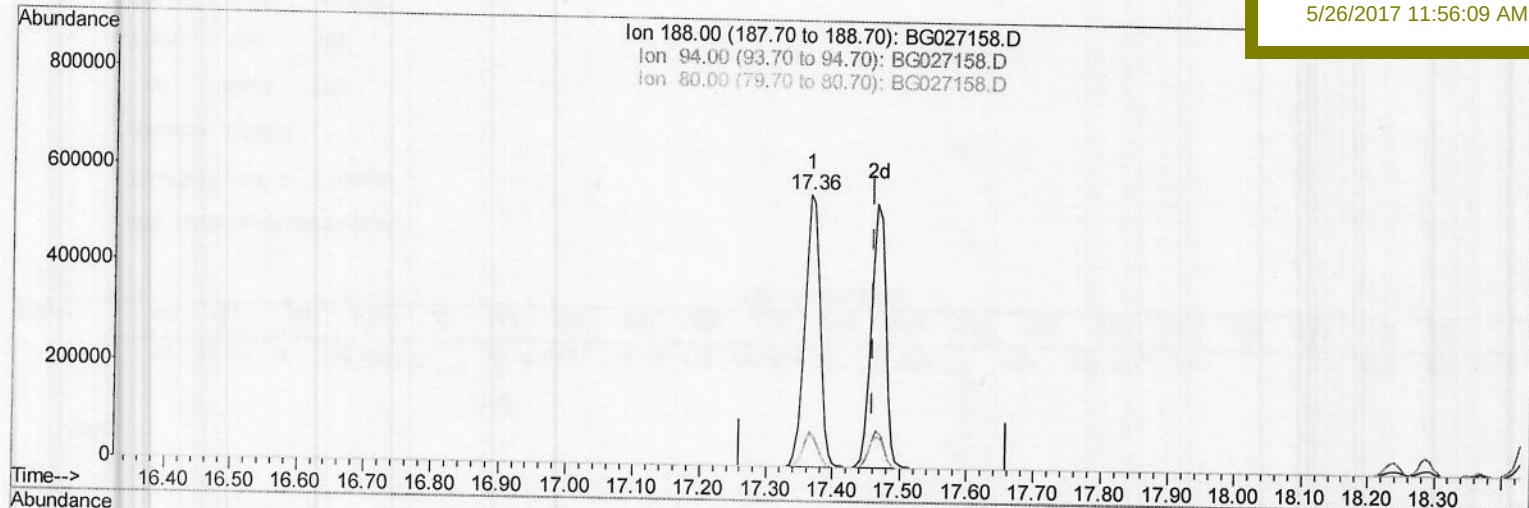
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TIC: BG027158.D

(14) Anthracene-d10 (S)
 17.364min (-0.095) 20.51ng/ul
 response 870411

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.47
80.00	11.80	13.30
0.00	0.00	0.00

Quantitation Report (Qedit)

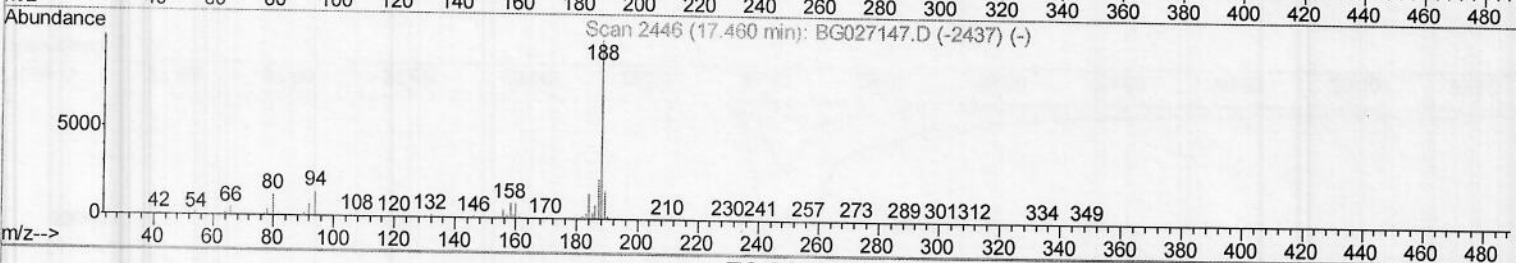
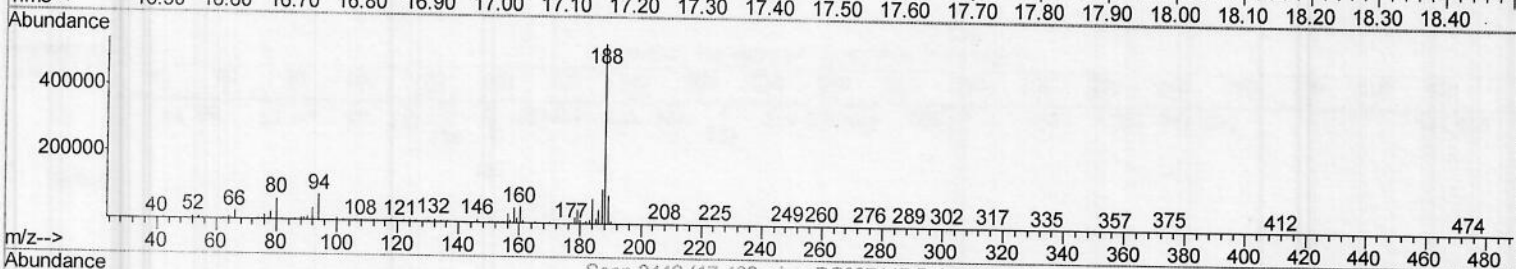
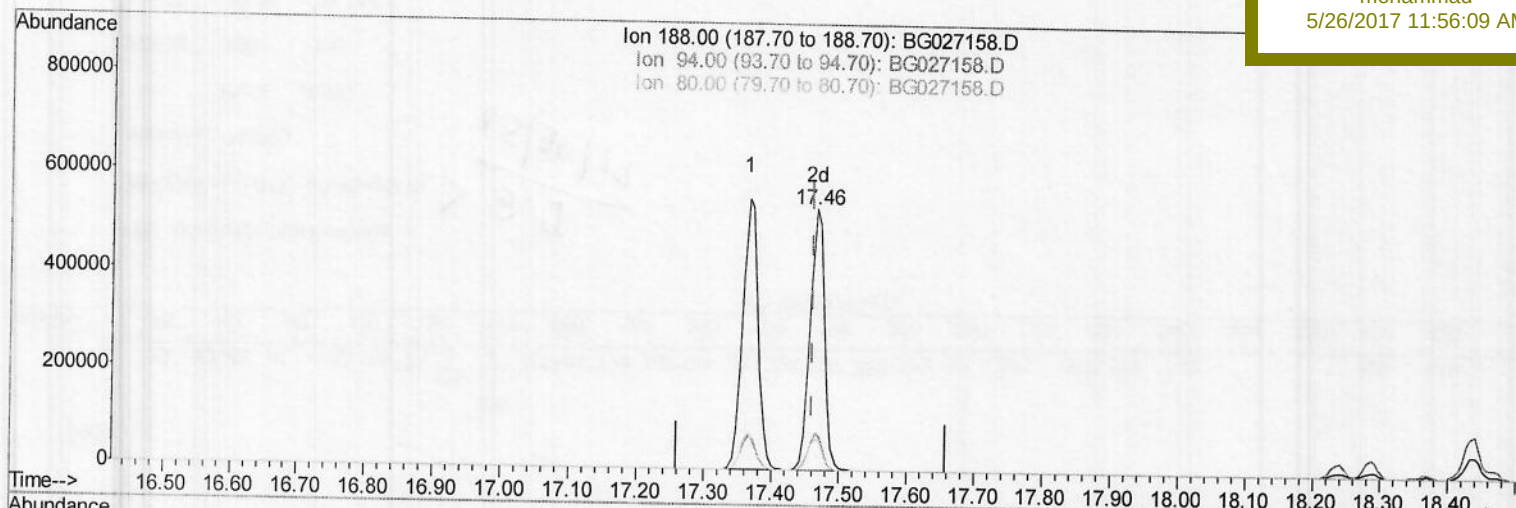
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(14) Anthracene-d10 (S)

17.464min (+0.005) 18.73ng/ul m

response 794847

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	14.14#
80.00	11.80	11.95
0.00	0.00	0.00

Handwritten: 5.17
 65 (30/17)

Quantitation Report (Qedit)

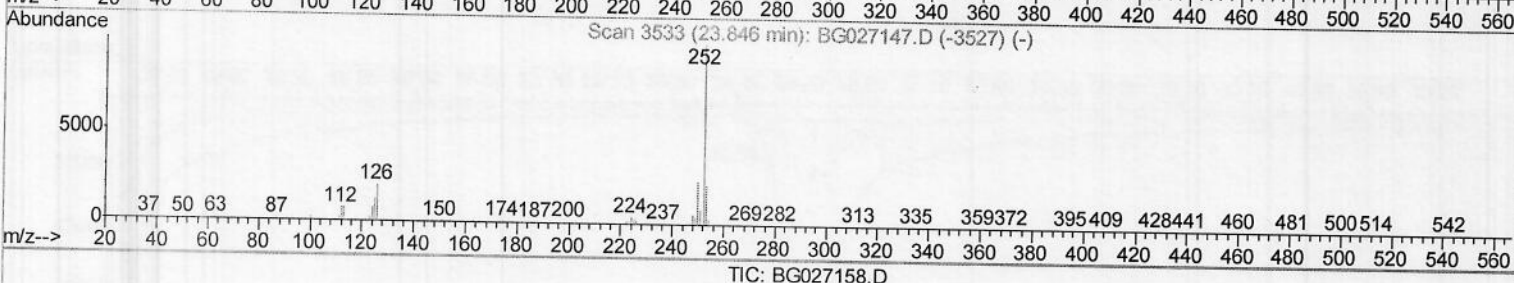
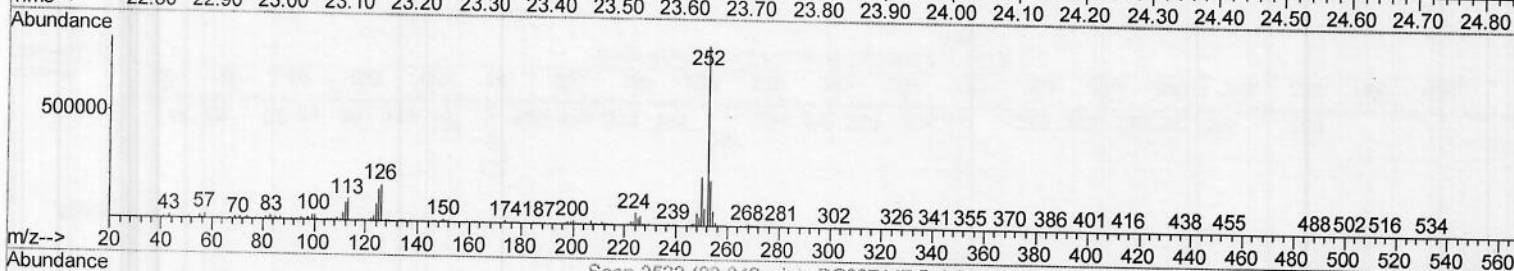
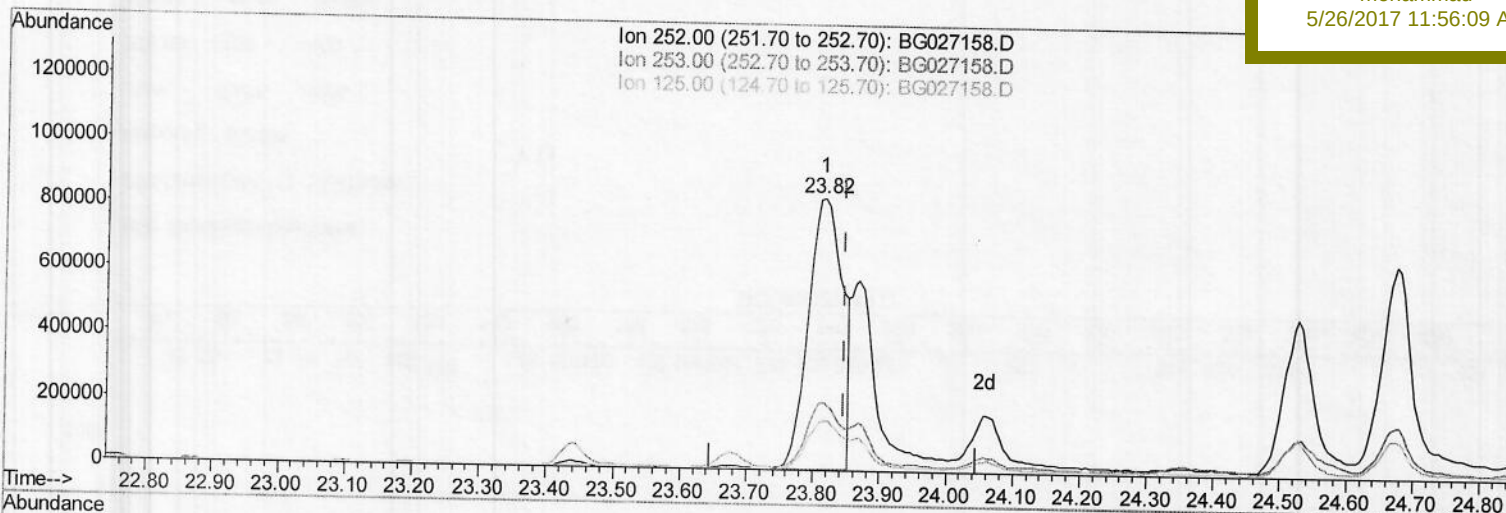
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Manual Integrations
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(24) Benzo(k)fluoranthene
 23.816min (-0.031) 80.92ng/ul
 response 2931362

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.05
125.00	10.10	18.18#
0.00	0.00	0.00

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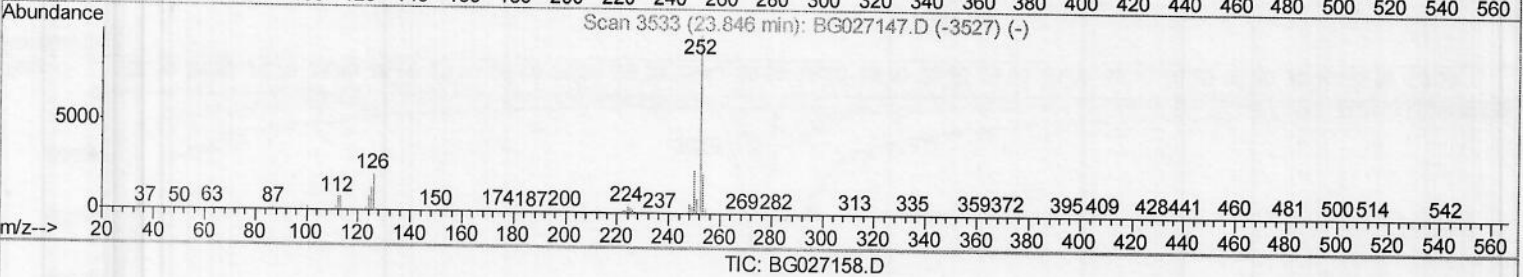
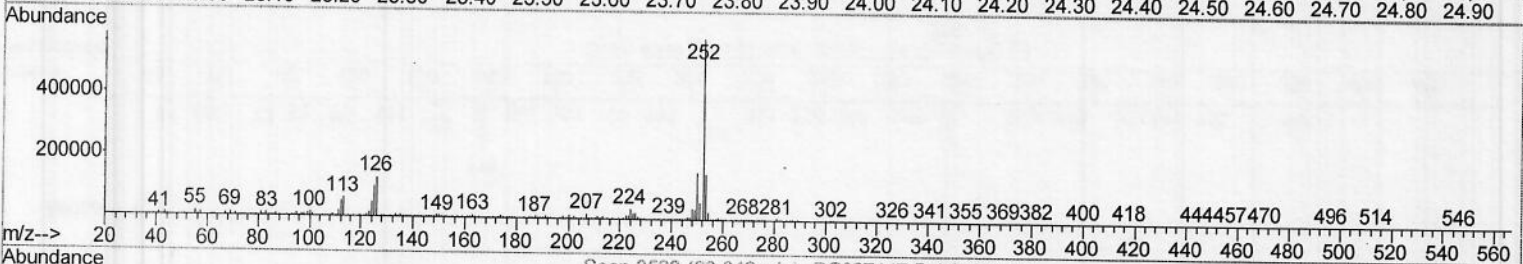
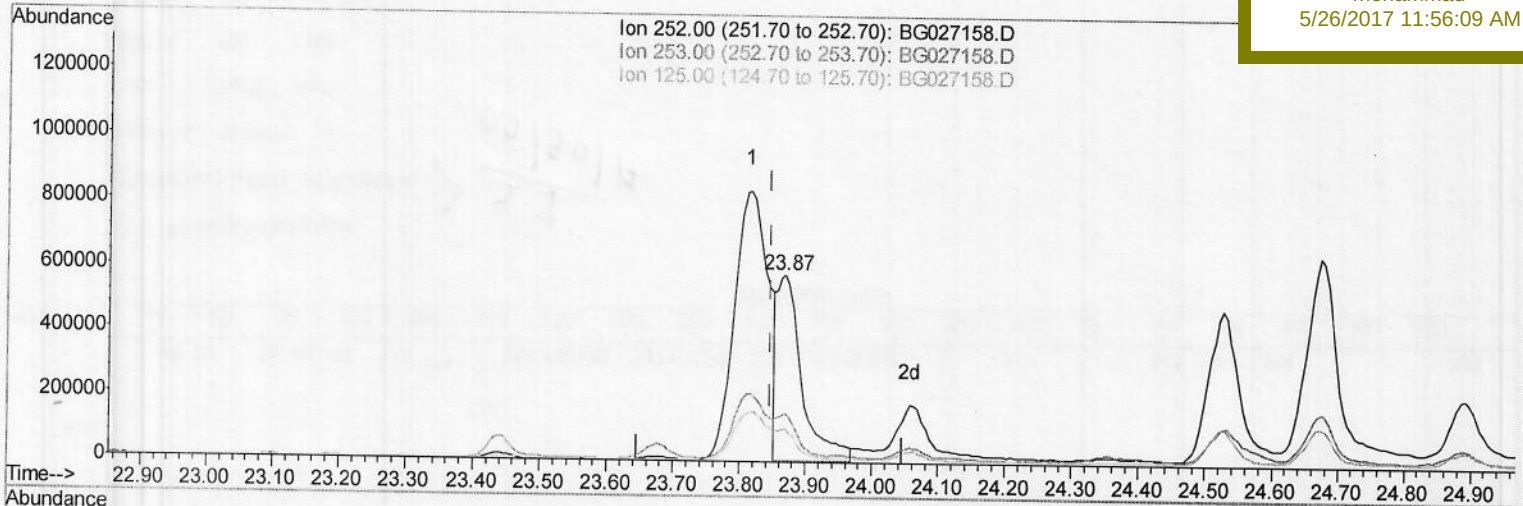
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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Manual Integrations
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(24) Benzo(k)fluoranthene

23.869min (+0.022) 41.78ng/ul m

response 1513602

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.46
125.00	10.10	17.39#
0.00	0.00	0.00

5.3
 05/30/17

Quantitation Report (Qedit)

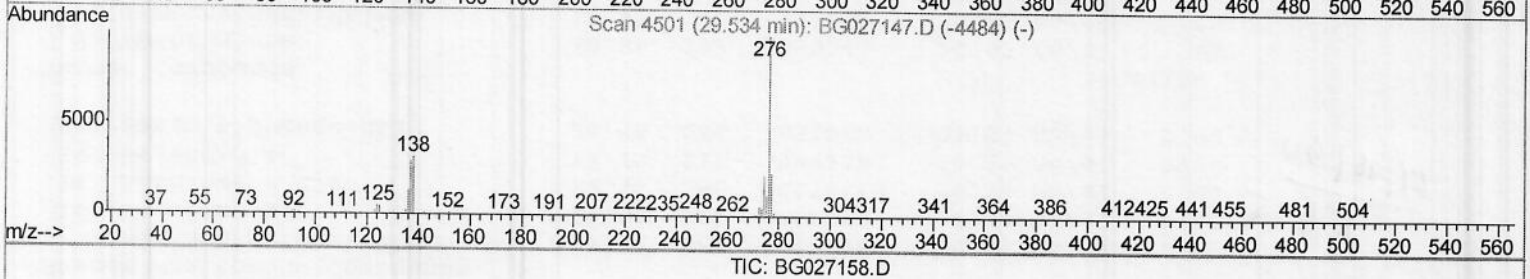
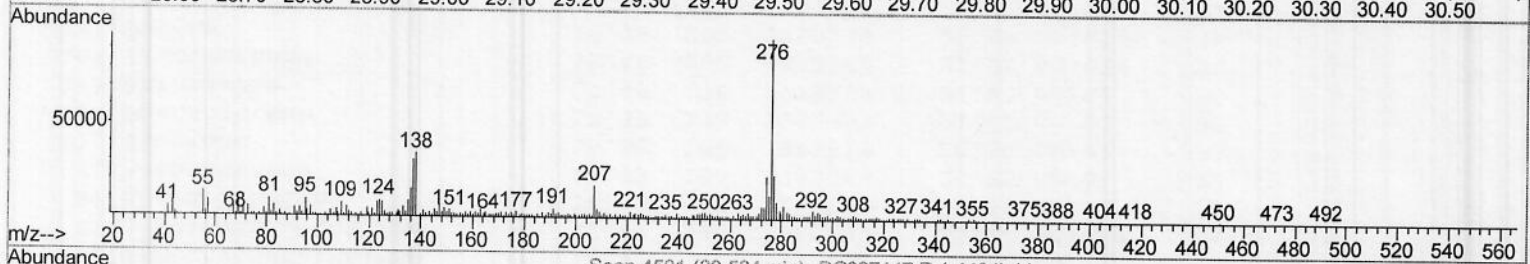
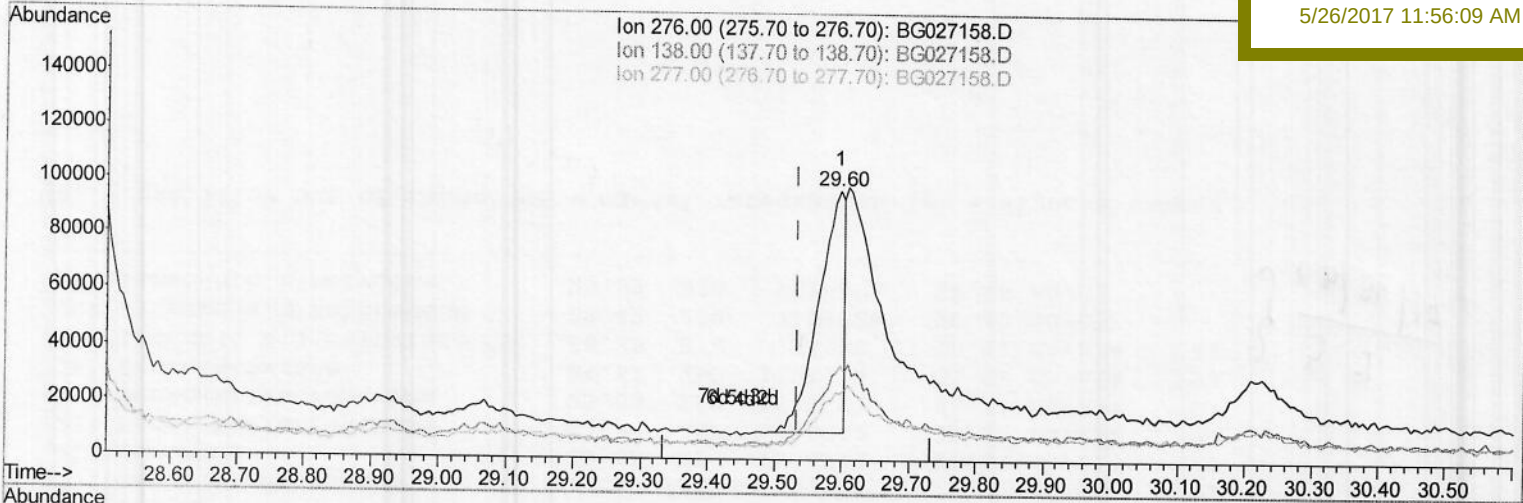
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(29) Benzo(g,h,i)perylene

29.597min (+0.063) 9.33ng/ul

response 235286

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	35.58#
277.00	23.70	24.72
0.00	0.00	0.00

Quantitation Report (Qedit)

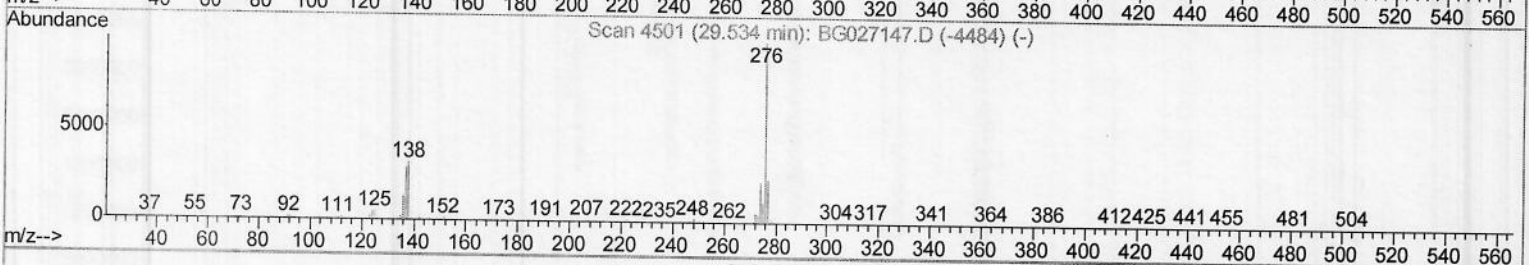
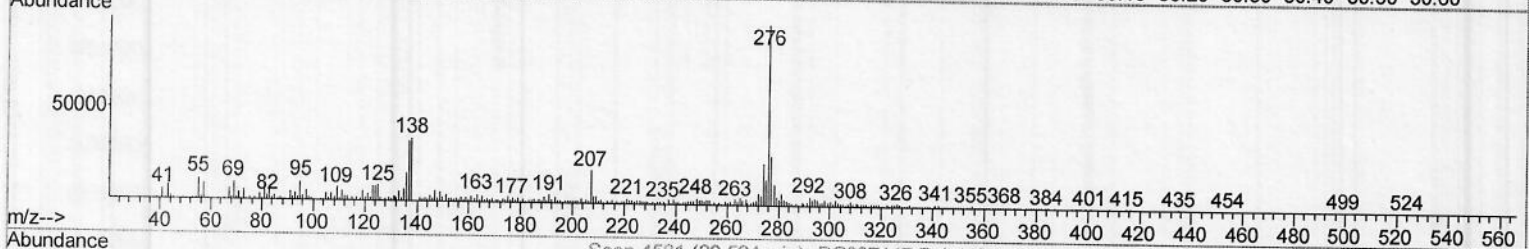
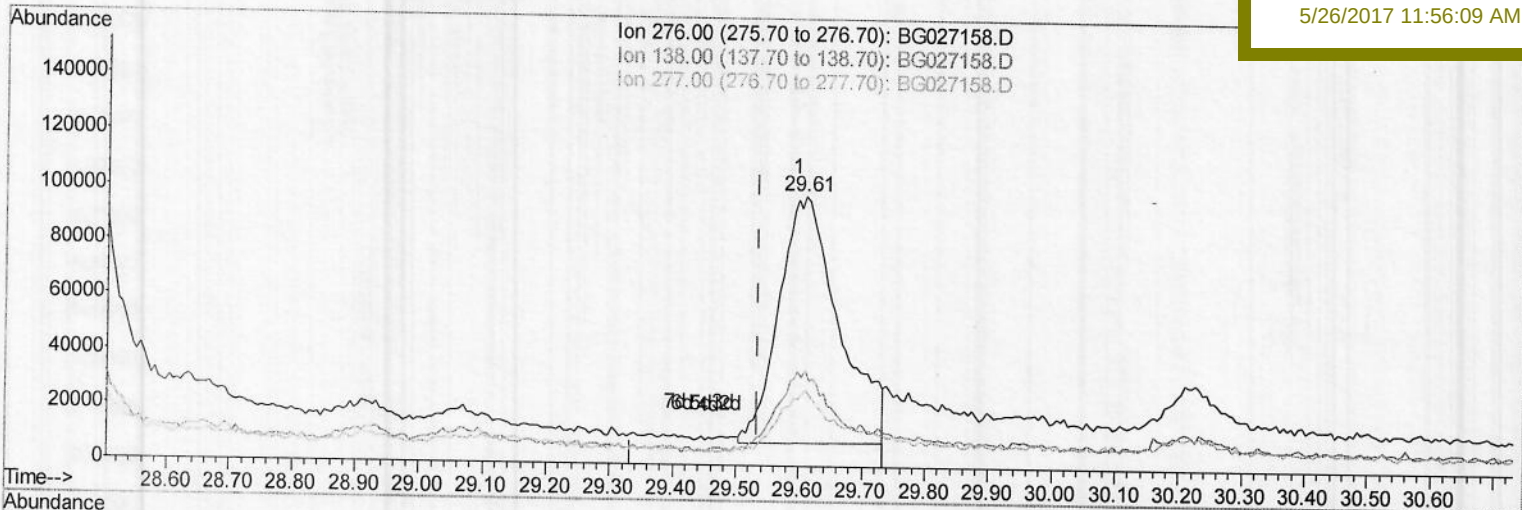
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TIC: BG027158.D

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

29.609min (+0.075) 23.69ng/ul m

response 597095

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	35.25#
277.00	23.70	27.60
0.00	0.00	0.00

Handwritten: 5.7
05/30/17

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 Operator : SJ/MA
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Quant Time: May 25 13:03:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	211480	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	976555	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	487207	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	870411	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	759416	20.00	ng/ul	0.02
22) Perylene-d12	24.82	264	592592	20.00	ng/ul	0.04
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	907579	18.16	ng/ul	0.00
10) Fluorene-d10	15.61	176	559578	16.78	ng/ul	0.00
14) Anthracene-d10	17.46	188	794847m	18.73	ng/ul	0.00
18) Pyrene-d10	19.75	212	750223	18.92	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.60	264	554761	18.84	ng/ul	0.03
Target Compounds						
3) Naphthalene	10.86	128	706577	13.95	ng/ul	98
4) 2-Methylnaphthalene	12.46	142	177000	4.71	ng/ul	96
5) 1-Methylnaphthalene	12.68	142	118454	2.93	ng/ul#	99
9) Acenaphthene	14.69	153	354227	10.30	ng/ul	99
11) Fluorene	15.67	166	420266	11.47	ng/ul	95
13) Phenanthrene	17.42	178	4140161m	85.09	ng/ul	
15) Anthracene	17.50	178	1114125	22.29	ng/ul	97
16) Fluoranthene	19.43	202	4945128	99.41	ng/ul#	68
19) Pyrene	19.79	202	4431714	89.29	ng/ul#	67
20) Benzo(a)anthracene	21.61	228	2665699	58.26	ng/ul#	90
21) Chrysene	21.67	228	2396950	57.06	ng/ul#	92
23) Benzo(b)fluoranthene	23.82	252	2931362	83.23	ng/ul#	90
24) Benzo(k)fluoranthene	23.87	252	1513602m	41.78	ng/ul	
26) Benzo(a)pyrene	24.67	252	1816151	52.71	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	28.47	276	774863	24.45	ng/ul#	80
28) Dibenzo(a,h)anthracene	28.49	278	162545	5.94	ng/ul#	75
29) Benzo(g,h,i)perylene	29.61	276	597095m	23.69	ng/ul	

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

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