

Quantitation Report (Qedit)

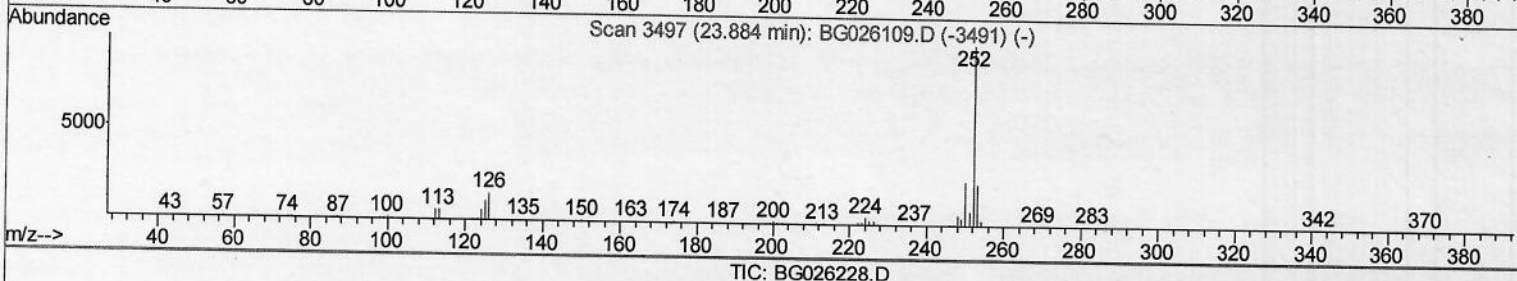
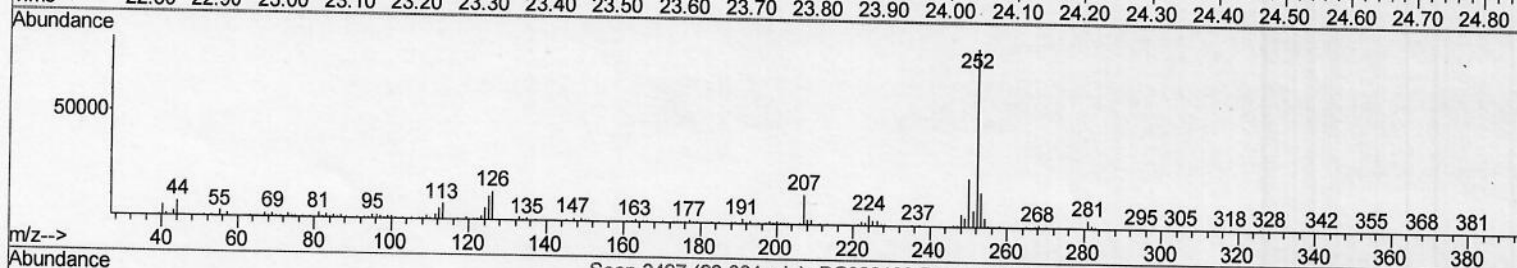
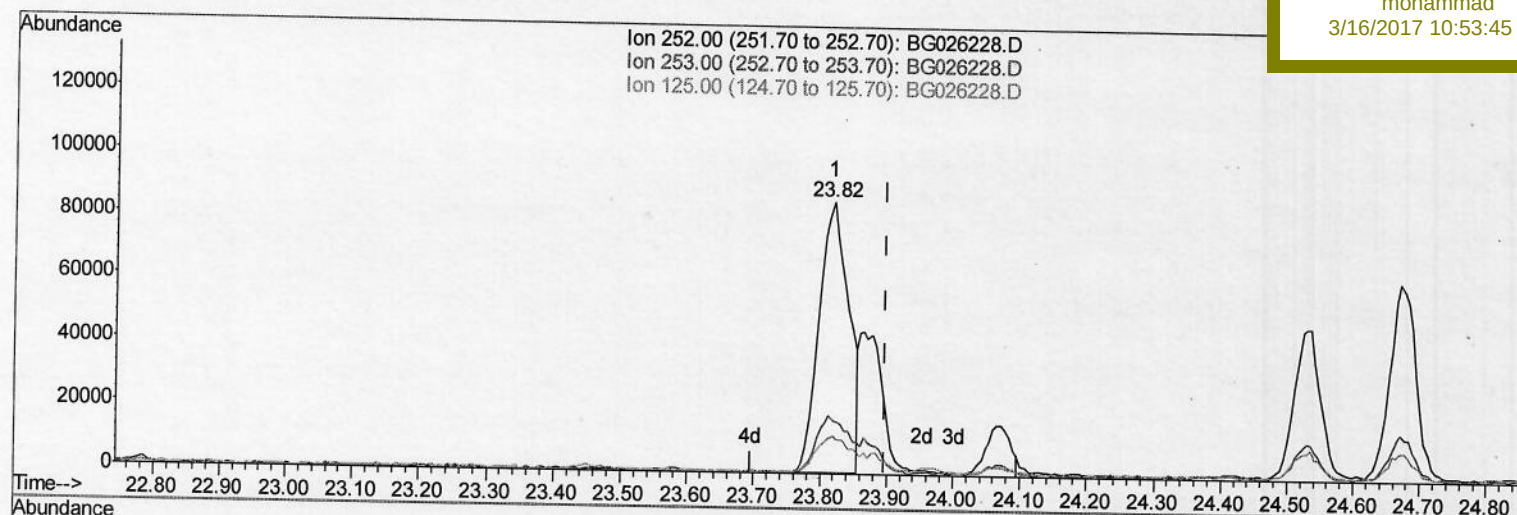
Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
Data File : BG026228.D
Acq On : 14 Mar 2017 1:42
Operator : SJ/MA
Sample : I2217-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 15 17:57:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 17:21:10 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
CB2Y8

Manual Integrations
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(25) Benzo(k)fluoranthene

23.819min (-0.078) 8.65ng/ul

response 259624

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	19.12
125.00	11.00	13.52#
0.00	0.00	0.00

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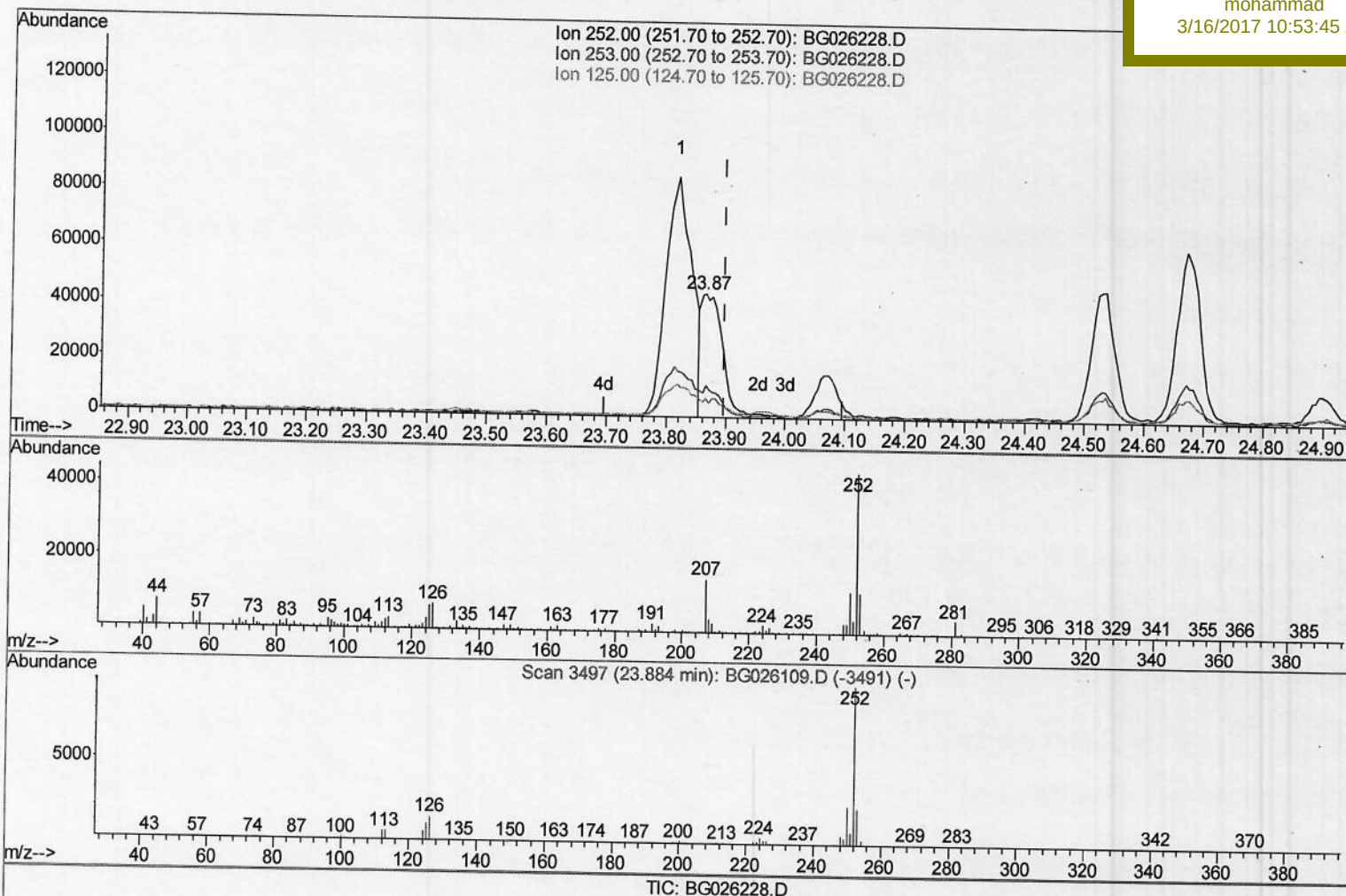
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(25) Benzo(k)fluoranthene

23.866min (-0.031) 3.61ng/ul m

SJ 03/16/17

response 108294

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	25.33
125.00	11.00	14.64#
0.00	0.00	0.00

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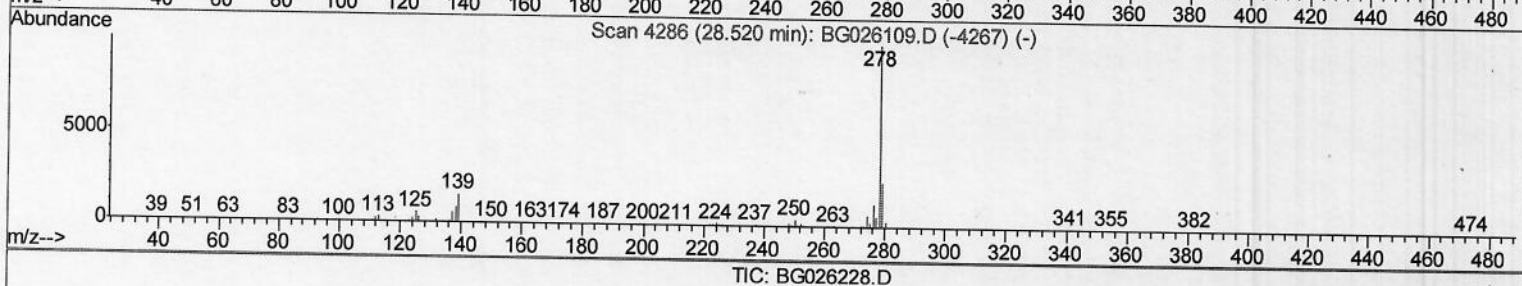
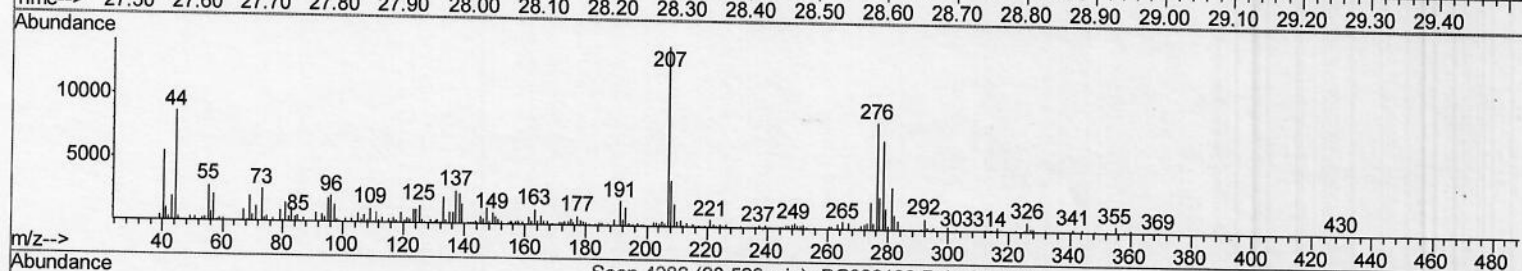
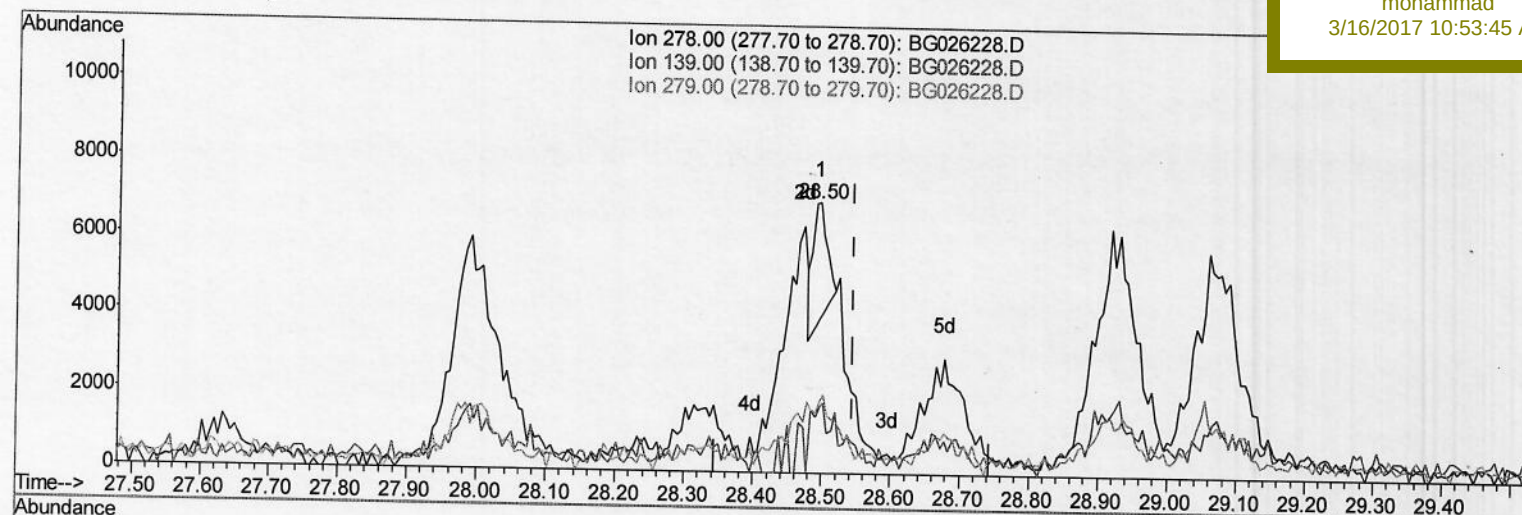
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(29) Dibenzo(a,h)anthracene

28.496min (-0.049) 0.18ng/ul

response 4555

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	24.18#
279.00	25.80	25.70
0.00	0.00	0.00

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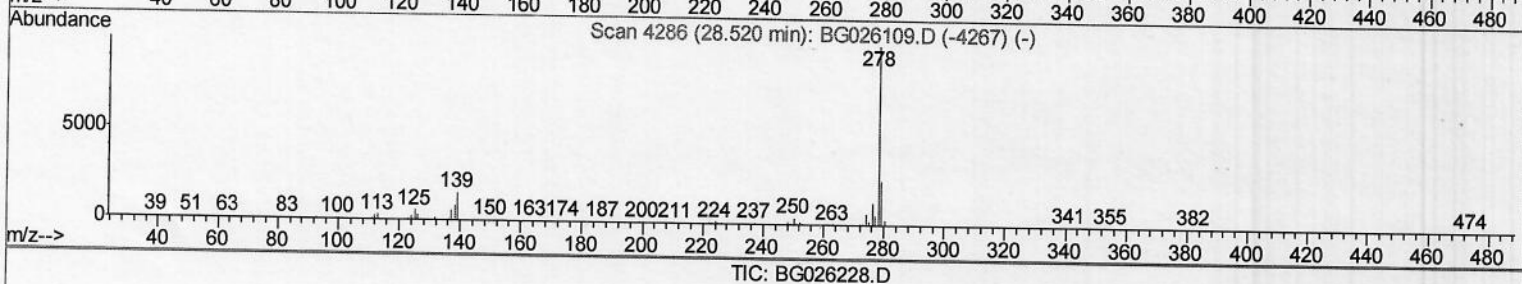
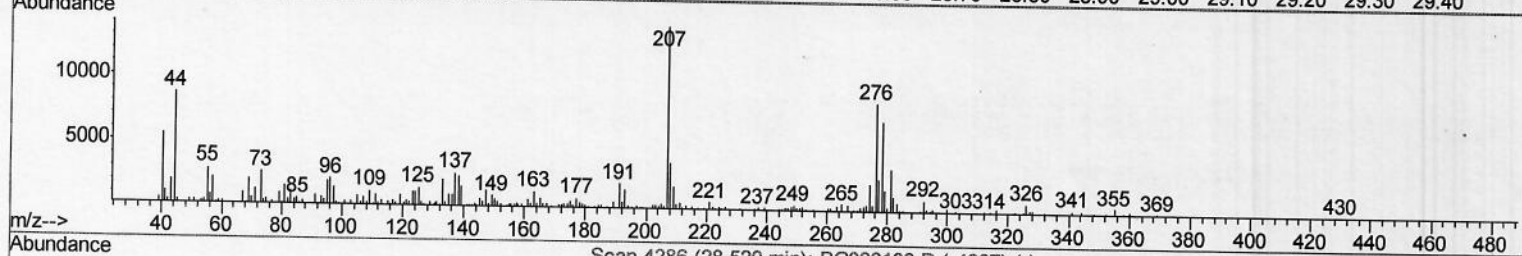
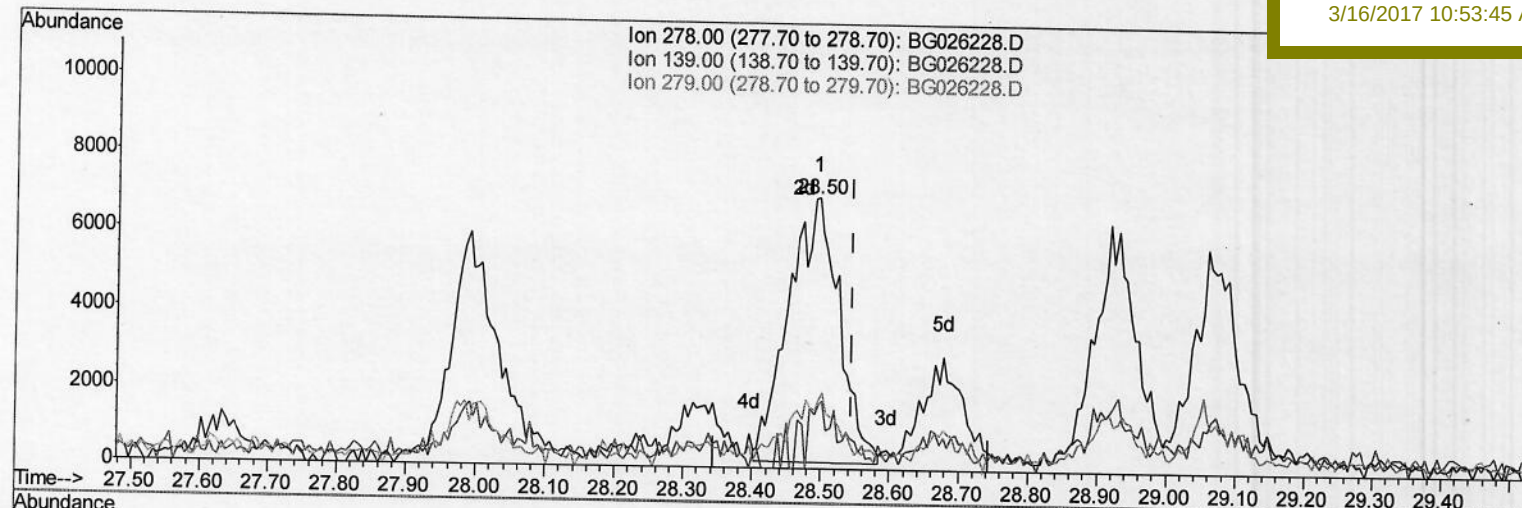
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(29) Dibenzo(a,h)anthracene

28.496min (-0.049) 1.36ng/ul m SJ 03/16/17

response 34750

Ion	Exp%	Act%
278.00	100	100
139.00	17.50	24.18#
279.00	25.80	25.70
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	80939	20.00	ng/ul	-0.01
2) Naphthalene-d8	10.86	136	407959	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.66	164	243122	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	546663	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	578646	20.00	ng/ul	-0.01
23) Perylene-d12	24.83	264	553769	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	103371	17.11	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	549647	26.52	ng/ul	0.00
10) Fluorene-d10	15.65	176	388499	25.69	ng/ul	-0.01
15) Anthracene-d10	17.49	188	553436	22.78	ng/ul	-0.01
19) Pyrene-d10	19.76	212	597385	20.23	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	565172	23.66	ng/ul	-0.02
Target Compounds						
14) Phenanthrene	17.43	178	220296	7.60	ng/ul	97
16) Anthracene	17.53	178	37938	1.30	ng/ul	98
17) Fluoranthene	19.44	202	389076	12.94	ng/ul	98
20) Pyrene	19.79	202	349679	9.49	ng/ul	99
21) Benzo(a)anthracene	21.62	228	201635	6.26	ng/ul	98
22) Chrysene	21.68	228	197123	6.56	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	259624	8.26	ng/ul	94
25) Benzo(k)fluoranthene	23.87	252	108294m	3.61	ng/ul	
27) Benzo(a)pyrene	24.67	252	167022	5.72	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.44	276	127934	3.97	ng/ul	92
29) Dibenzo(a,h)anthracene	28.50	278	34750m	1.36	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	118339	4.29	ng/ul	94

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

} SJ 03/16/17

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