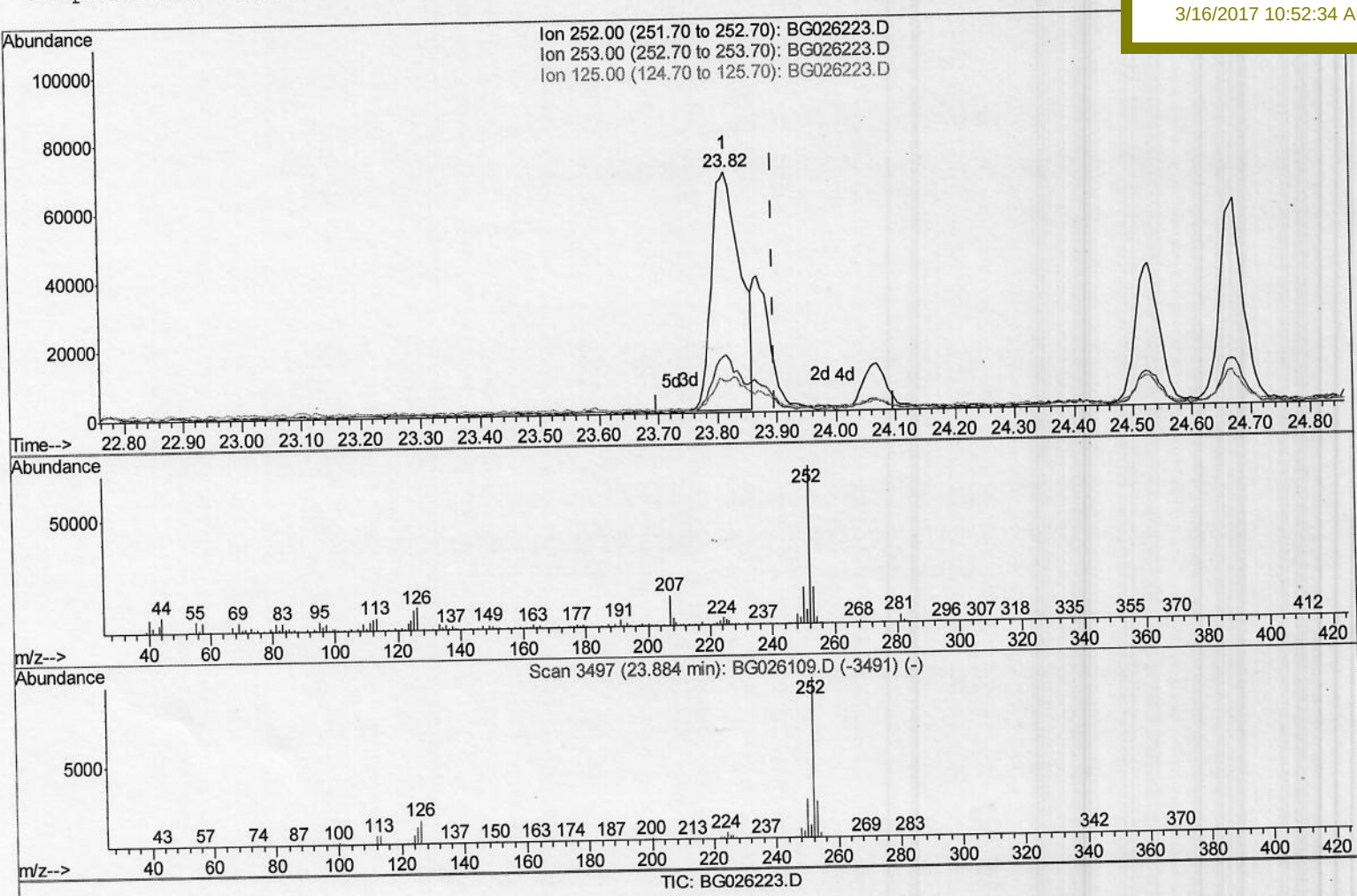
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
Data File : BG026223.D
Acq On : 13 Mar 2017 22:25
Operator : SJ/MA
Sample : I2217-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 15 17:48:16 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
ClientSampleId :
CB2W5

Manual Integrations APPROVED
mohammad
3/16/2017 10:52:34 AM



Scan 3497 (23.884 min): BG026109.D (-3491) (-)

TIC: BG026223.D

(25) Benzo(k)fluoranthene

23.816min (-0.081) 7.19ng/ul

response 233645

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.65
125.00	11.00	12.88
0.00	0.00	0.00

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Manual Integrations APPROVED
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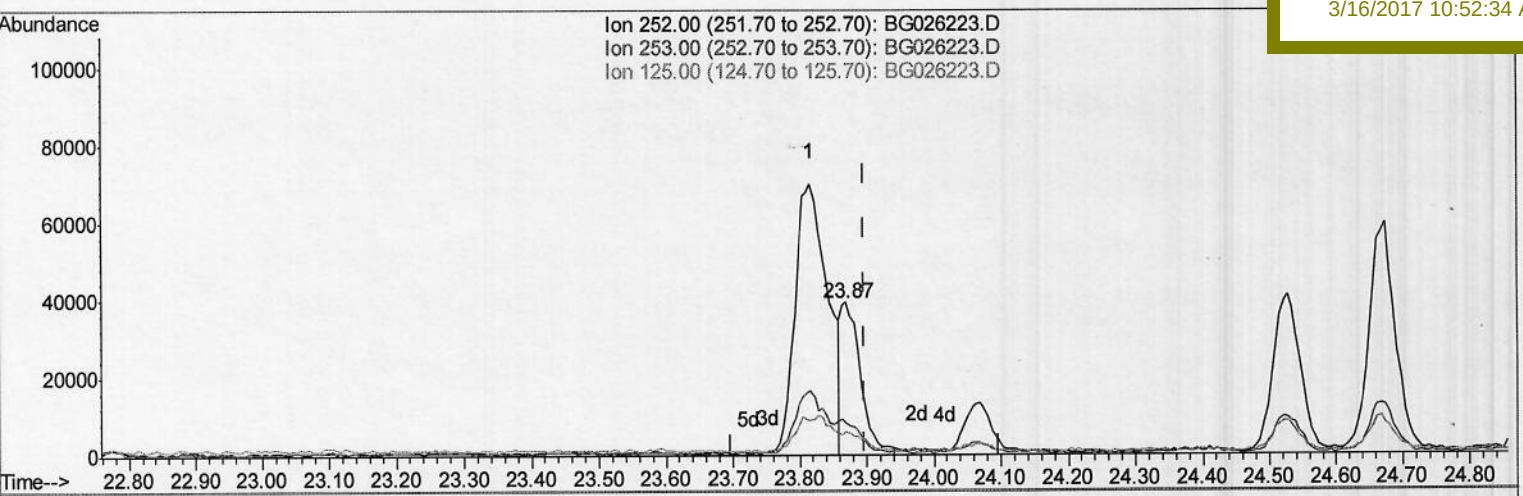

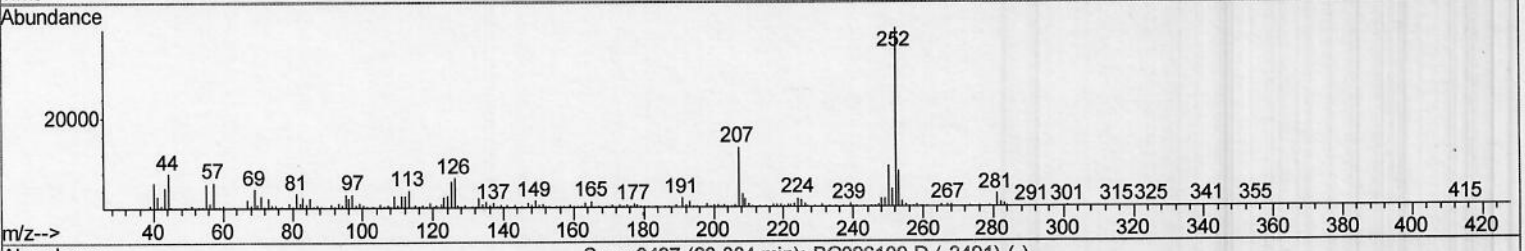

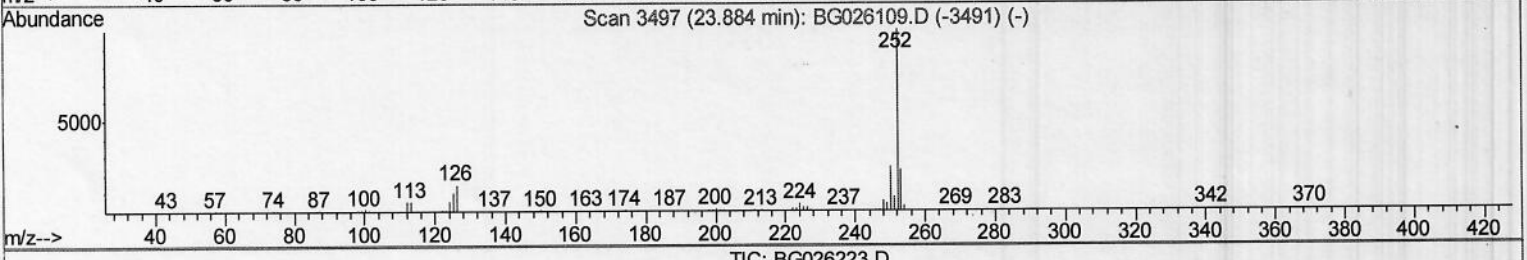

TIC: BG026223.D

(25) Benzo(k)fluoranthene

23.869min (-0.028) 2.48ng/ul m SJ 03/16/17

response 80464

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	20.91
125.00	11.00	15.31#
0.00	0.00	0.00

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Operator : SJ/MA
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ALS Vial : 17 Sample Multiplier: 1

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BNA_G
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Manual Integrations APPROVED
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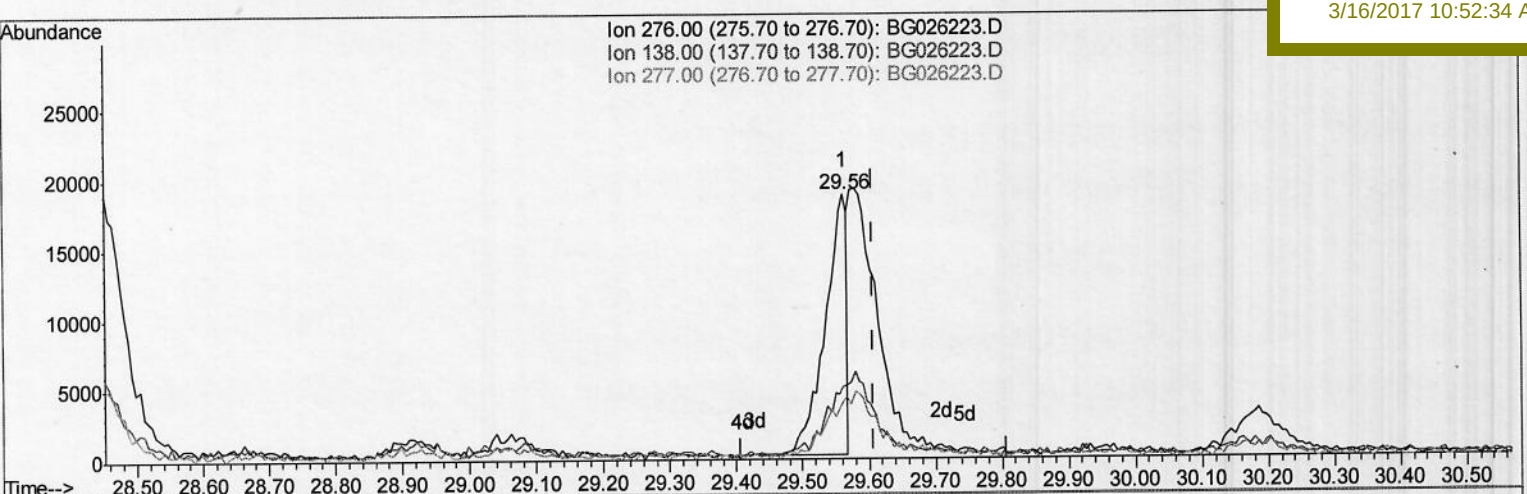

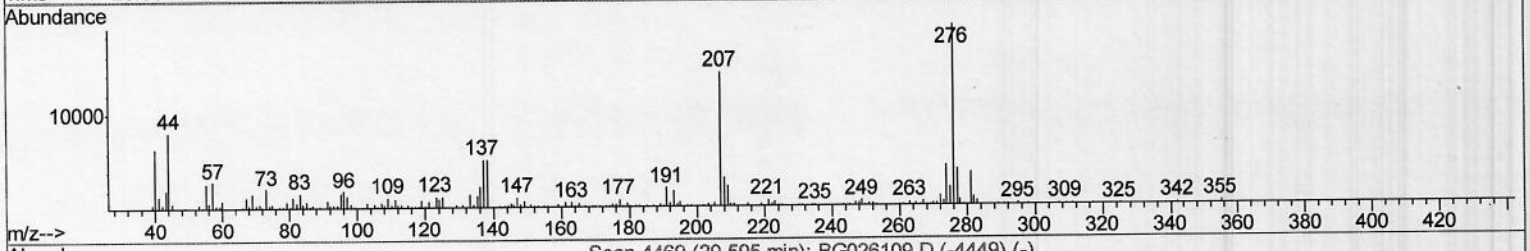

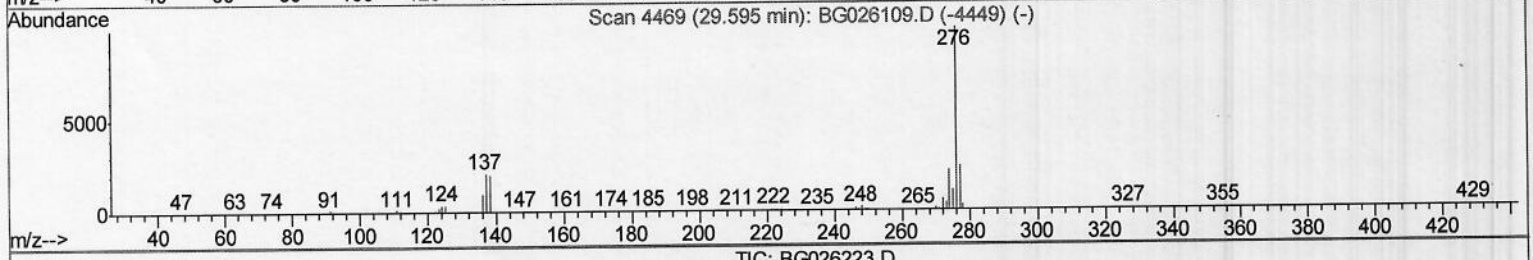

TIC: BG026223.D

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

29.562min (-0.046) 1.46ng/ul

response 43607

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	27.03
277.00	24.60	21.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
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Manual Integrations APPROVED
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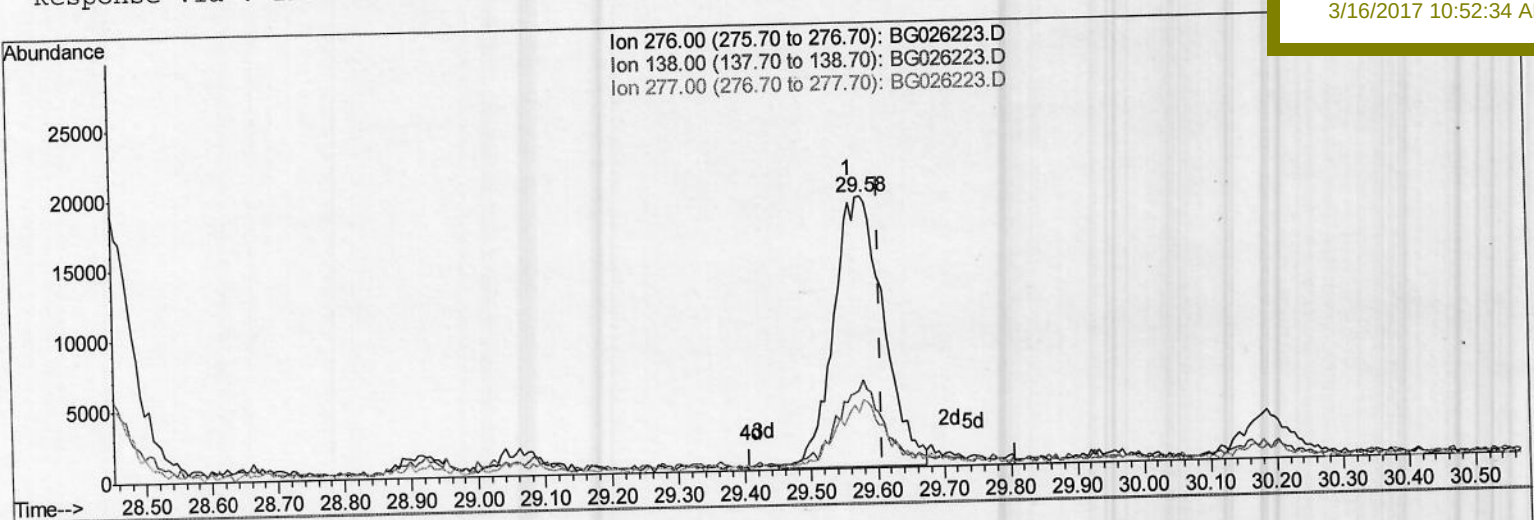
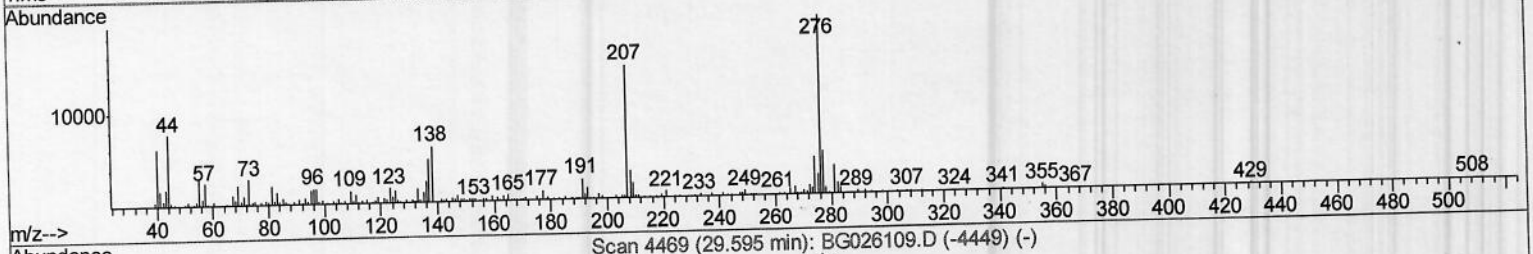
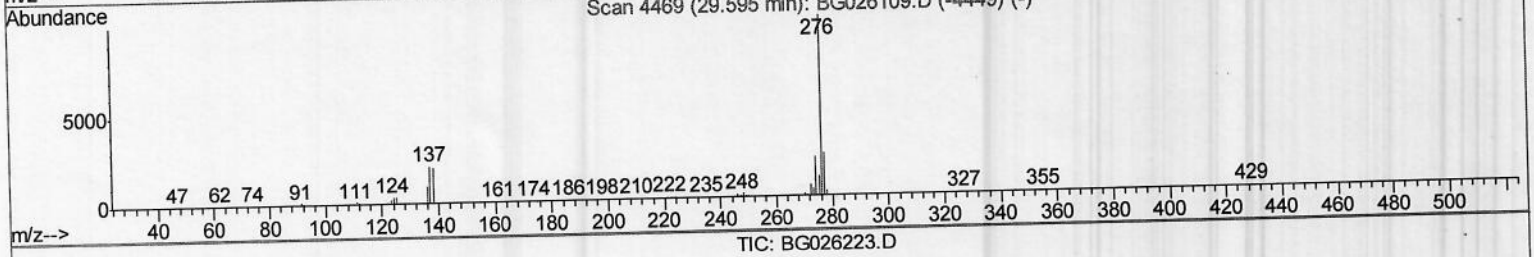




Scan 4469 (29.595 min): BG026109.D (-4449) (-)



TIC: BG026223.D

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

29.580min (-0.028) 3.33ng/ul m SJ 03/16/17

response 99474

Ion	Exp%	Act%
276.00	100	100
138.00	23.70	31.68#
277.00	24.60	24.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031317\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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
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Instrument : BNA_G
ClientSampleId : CB2W5

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	87190	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	429918	20.00	ng/ul	-0.01
6) Acenaphthene-d10	14.66	164	261891	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	600256	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	629570	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	599470	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	8546	1.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	272177	12.19	ng/ul	-0.01
10) Fluorene-d10	15.64	176	198910	12.21	ng/ul	-0.02
15) Anthracene-d10	17.49	188	270863	10.15	ng/ul	-0.02
19) Pyrene-d10	19.77	212	312404	9.72	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	261022	10.10	ng/ul	-0.02
Target Compounds						Qvalue
14) Phenanthrene	17.44	178	235989	7.42	ng/ul	99
16) Anthracene	17.52	178	46608	1.45	ng/ul	97
17) Fluoranthene	19.43	202	389365	11.79	ng/ul	99
20) Pyrene	19.79	202	346585	8.65	ng/ul	99
21) Benzo(a)anthracene	21.62	228	188612	5.38	ng/ul	96
22) Chrysene	21.68	228	185870	5.68	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	233645	6.86	ng/ul	97
25) Benzo(k)fluoranthene	23.87	252	80464m	2.48	ng/ul	
27) Benzo(a)pyrene	24.67	252	152622	4.83	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.45	276	99178	2.84	ng/ul#	91
30) Benzo(g,h,i)perylene	29.58	276	99474m	3.33	ng/ul	

SJ 03/16/17

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

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