

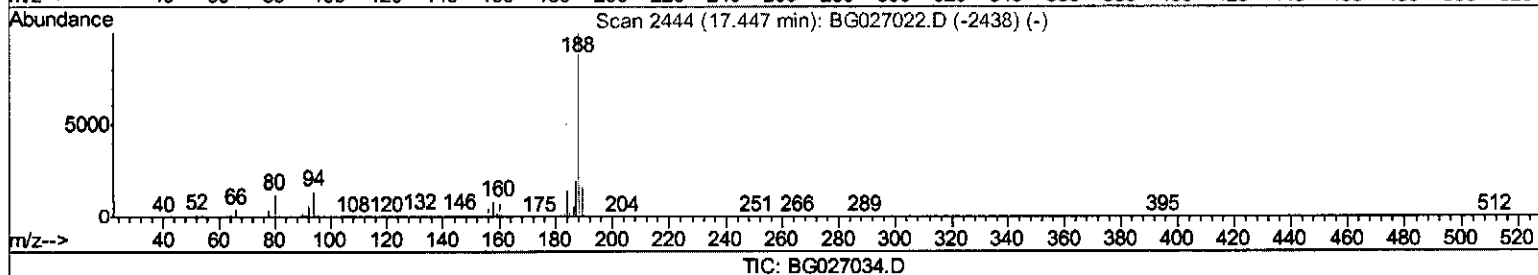
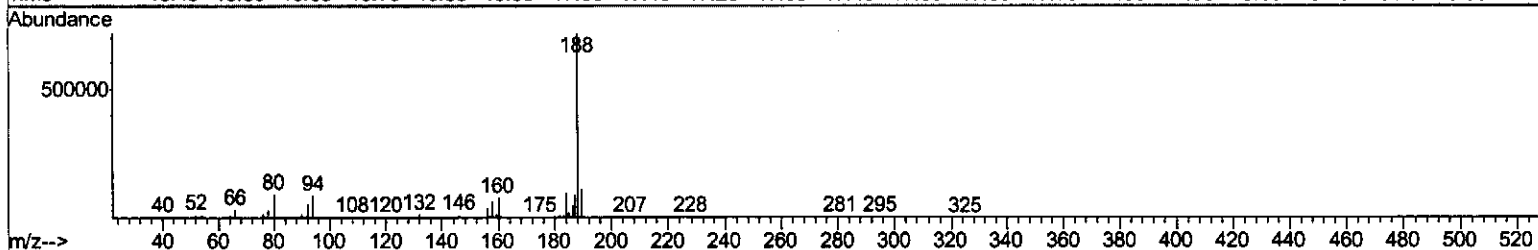
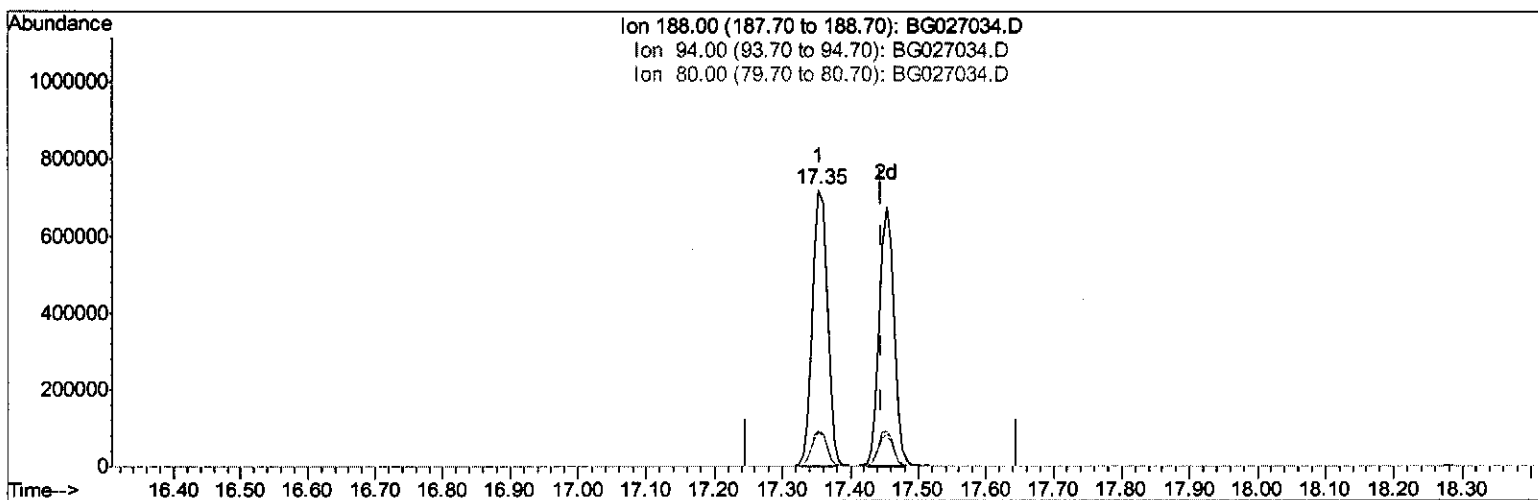
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC31

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:16 AM

Quant Time: May 19 12:53:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



(14) Anthracene-d10 (S)

17.354min (-0.093) 20.51ng/ul

response 1108416

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	12.32
80.00	11.80	12.96
0.00	0.00	0.00

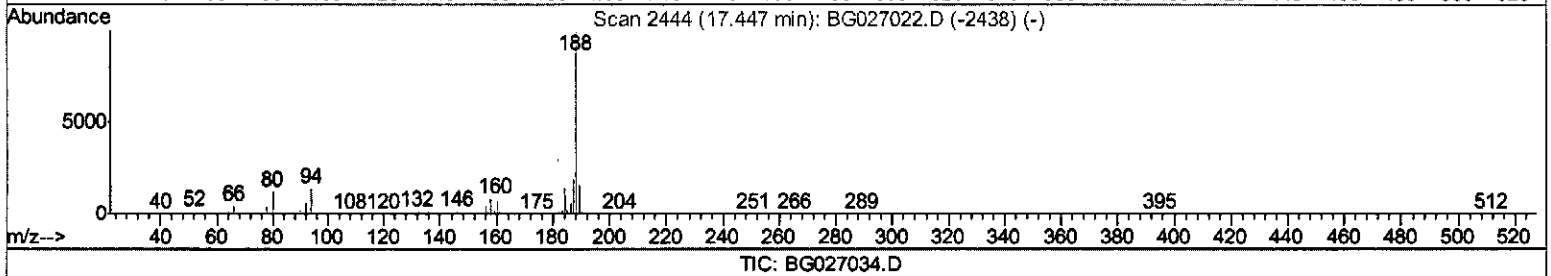
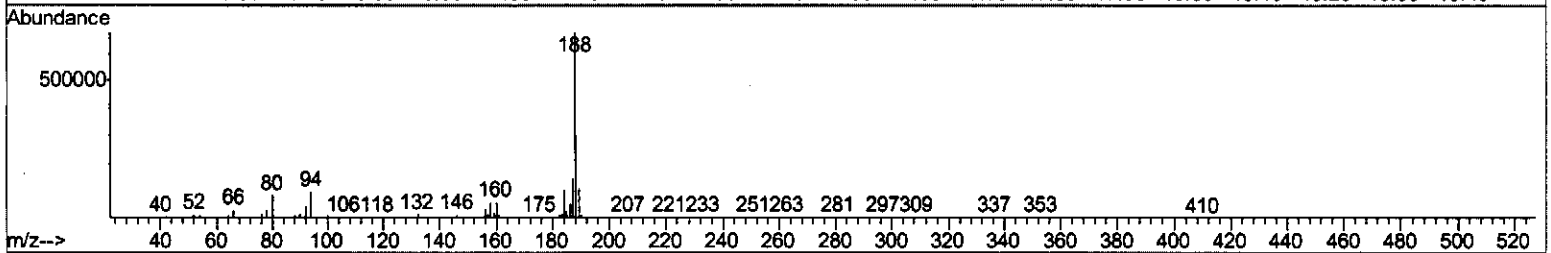
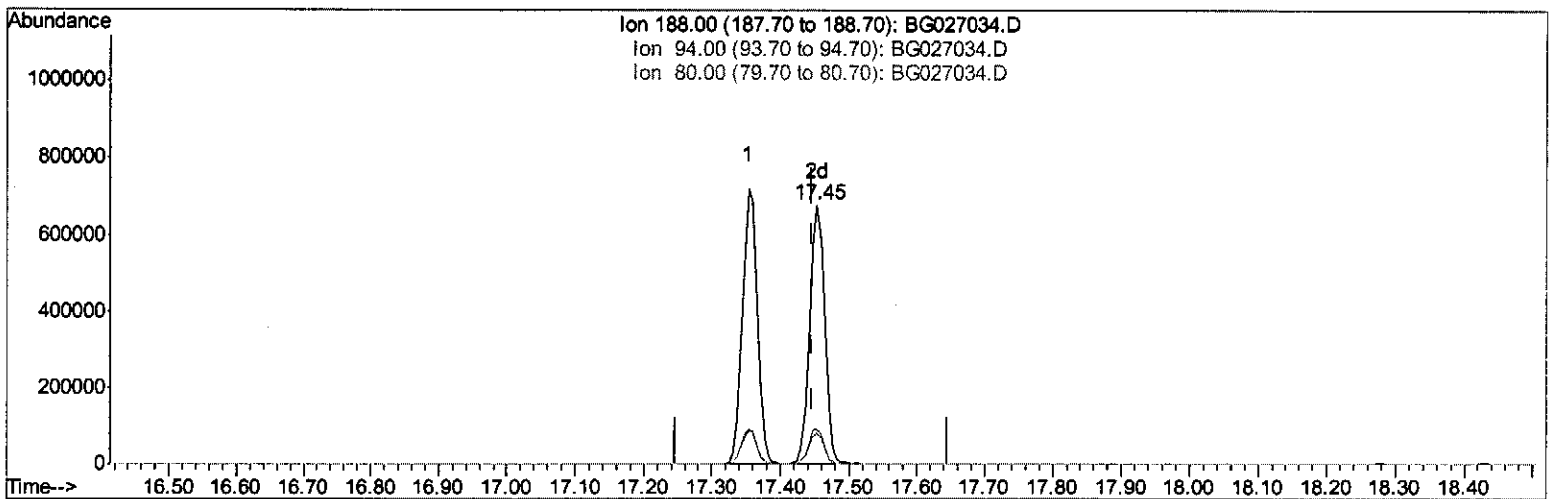
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
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Instrument :
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ClientSampled :
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(14) Anthracene-d10 (S)

17.454min (+0.007) 18.96ng/ul m

response 1024842

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	13.74#
80.00	11.80	12.12
0.00	0.00	0.00

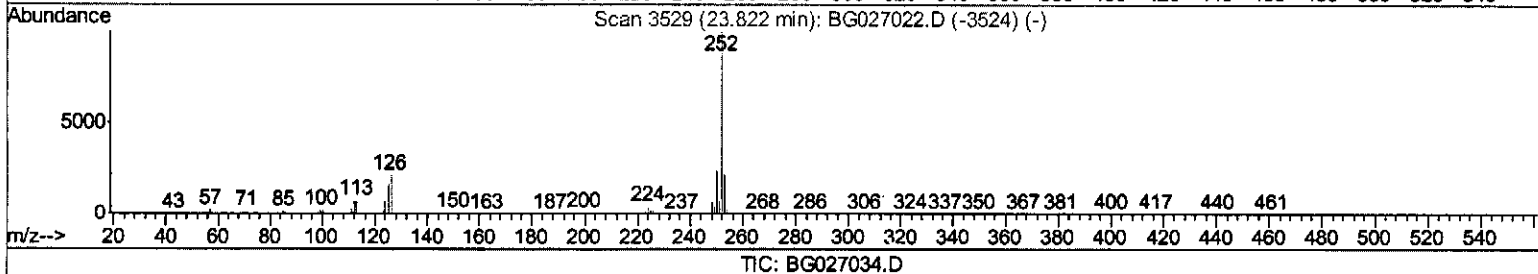
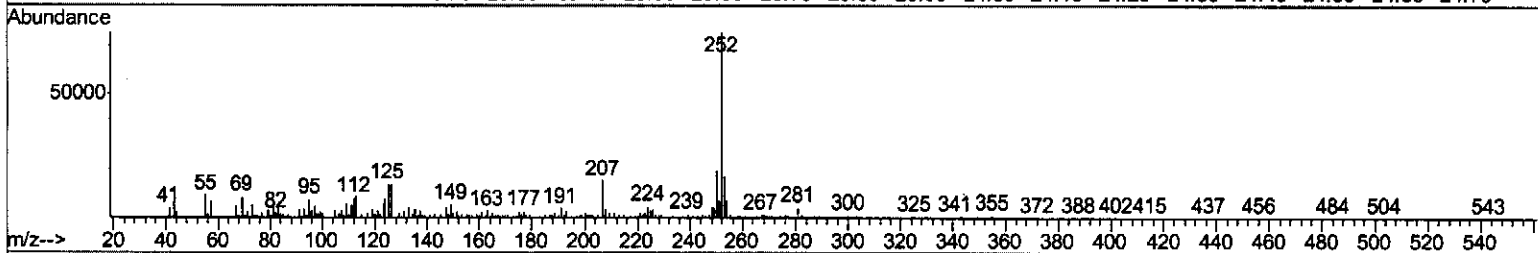
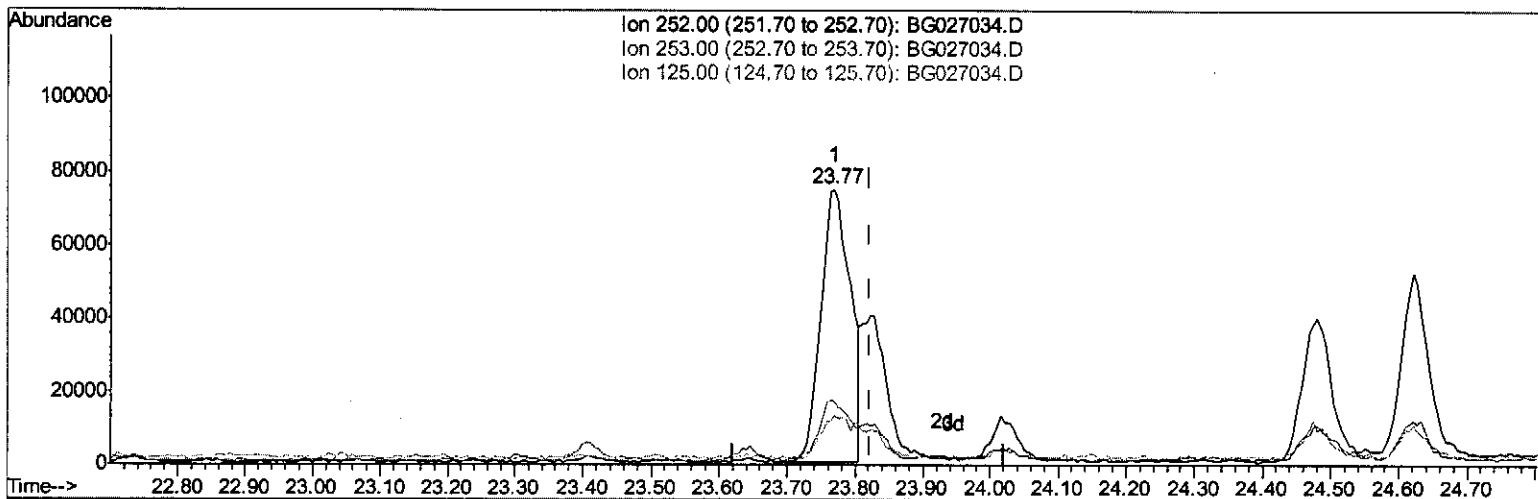
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027034.D
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 Operator : SJ/MA
 Sample : I3136-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC31

Manual Integrations
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TIC: BG027034.D

(24) Benzo(k)fluoranthene
 23.770min (-0.052) 3.86ng/ul
 response 228216

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.09
125.00	10.10	18.26#
0.00	0.00	0.00

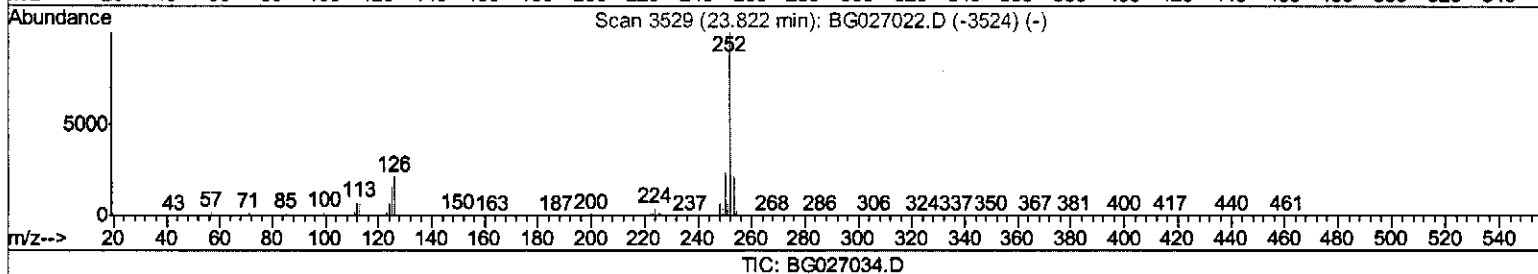
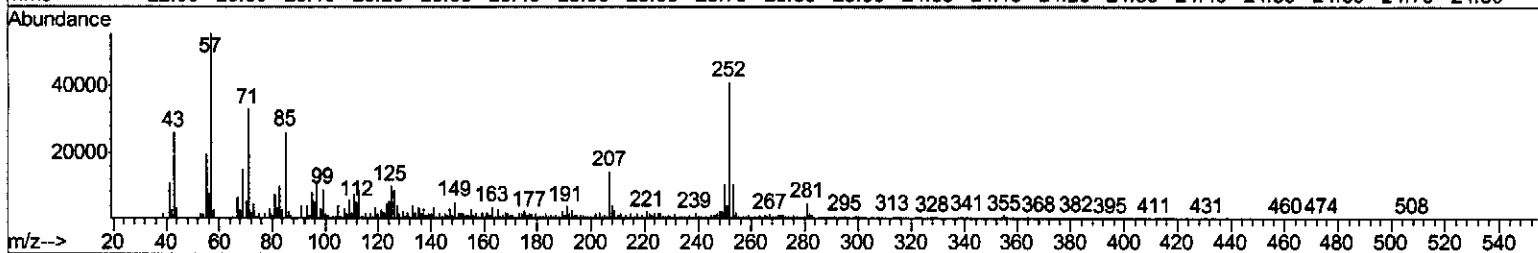
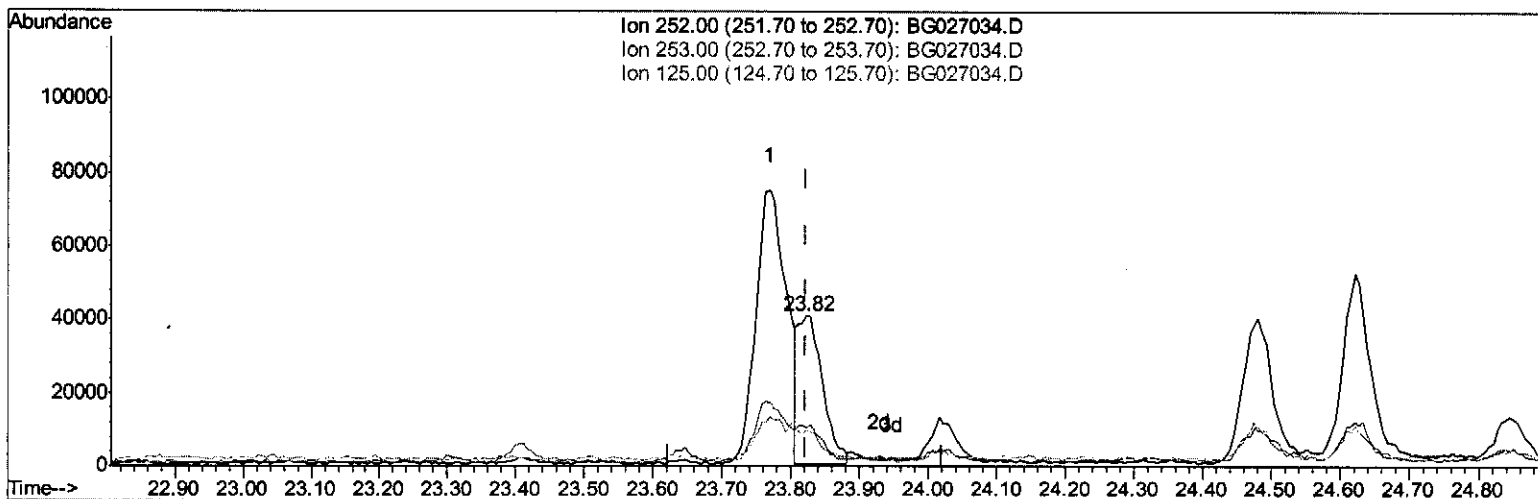
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC31

Manual Integrations
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Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.823min (+0.001) 1.70ng/ul m

response 100349

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.83
125.00	10.10	24.13#
0.00	0.00	0.00

MA
5/22/17

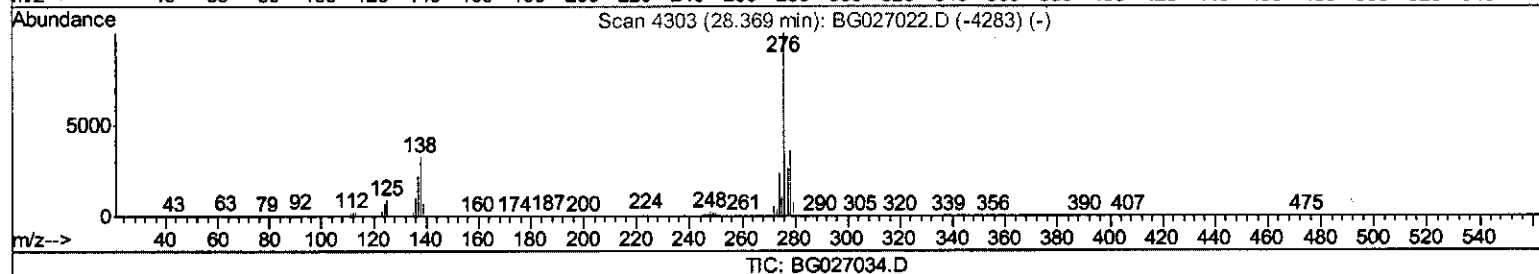
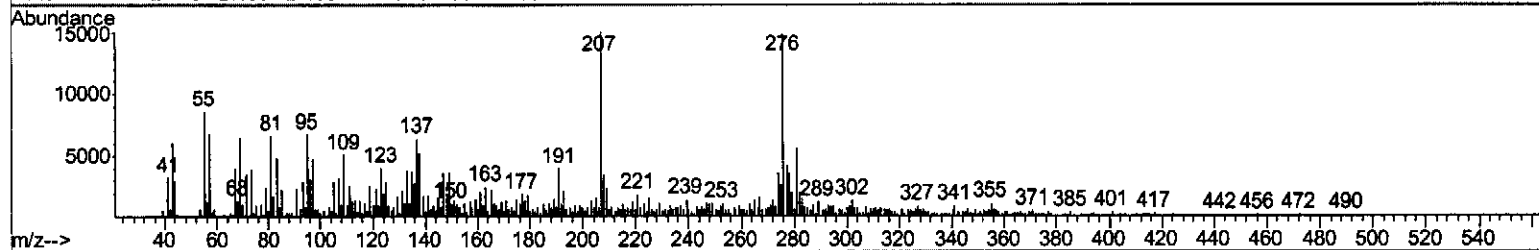
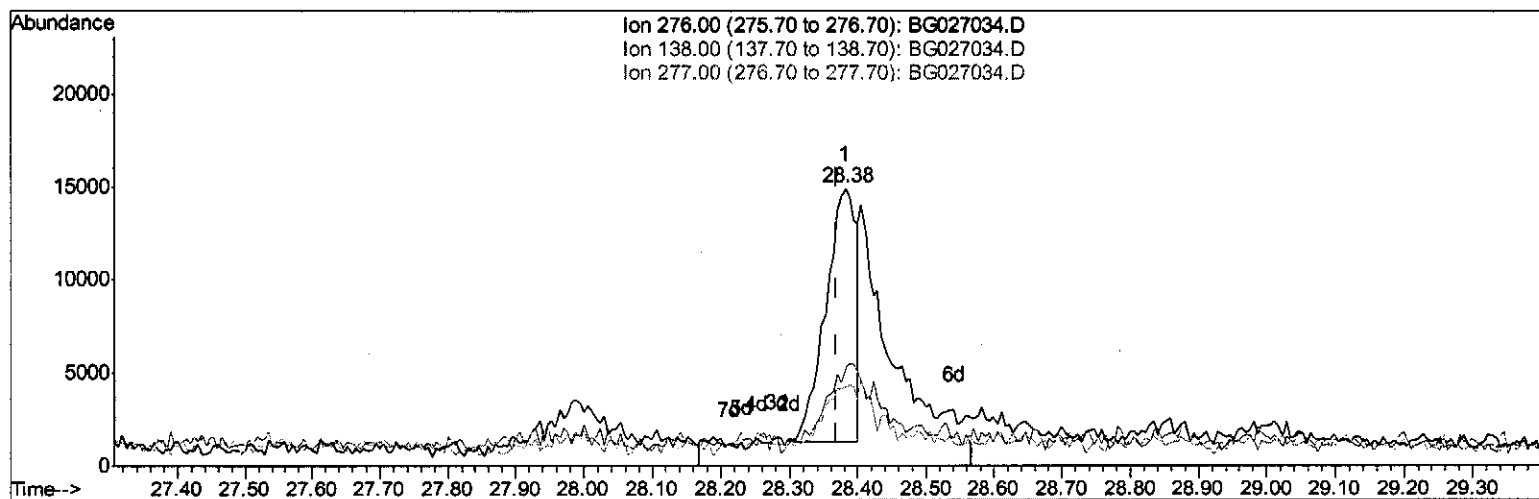
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampled :
DAC31

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

28.382min (+0.013) 0.82ng/ul

response 42322

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.66#
277.00	22.50	28.76#
0.00	0.00	0.00

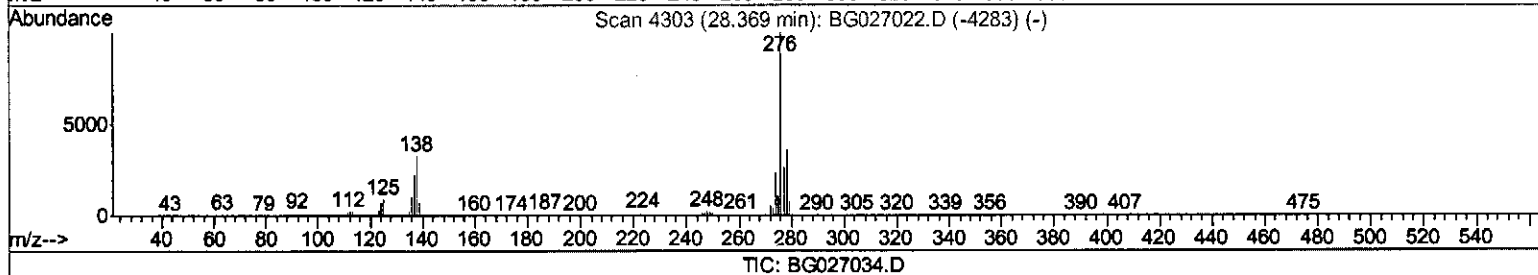
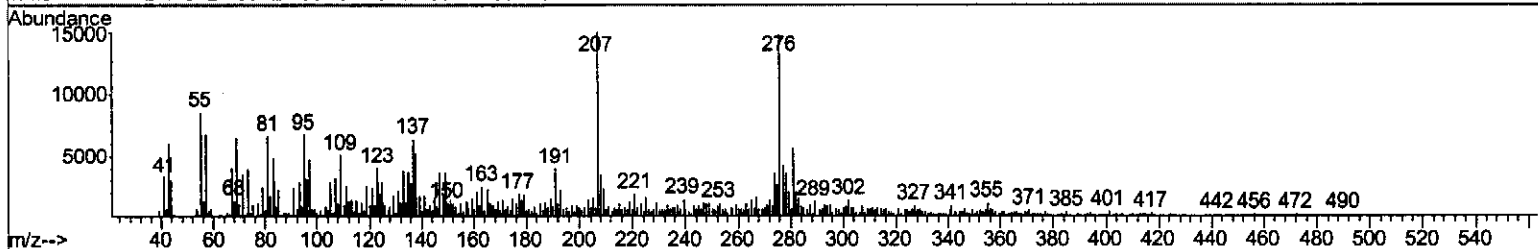
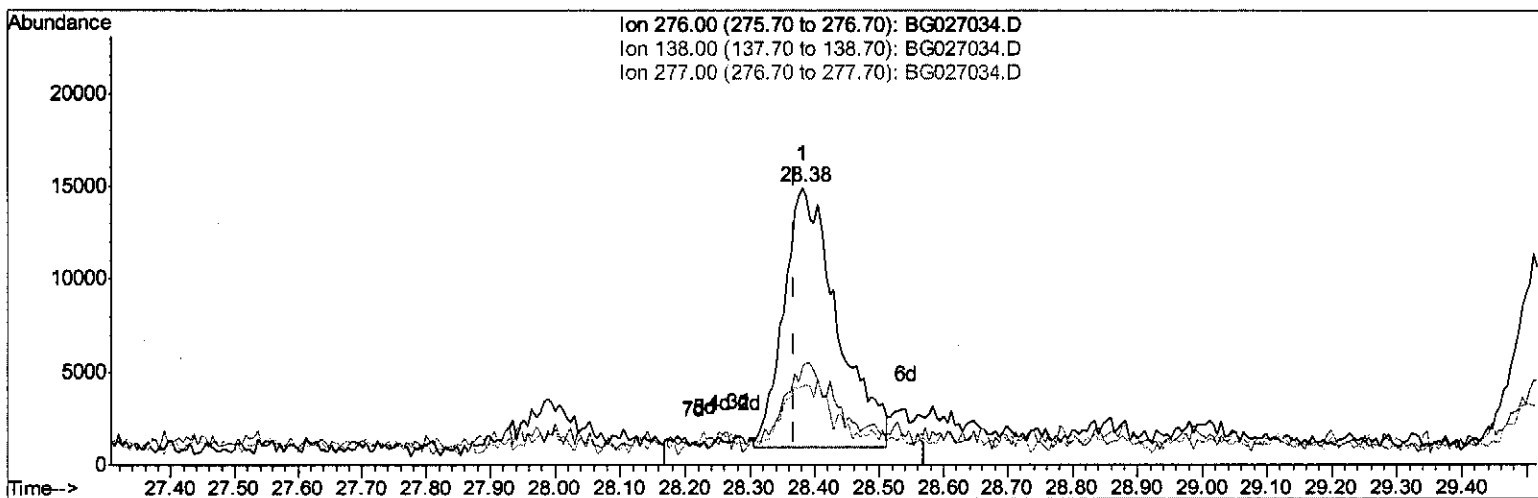
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC31

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:16 AM

Quant Time: May 19 12:53:10 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



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

28.382min (+0.013) 1.54ng/ul m

response 79531

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	35.66#
277.00	22.50	28.76#
0.00	0.00	0.00

MA
5/22/17

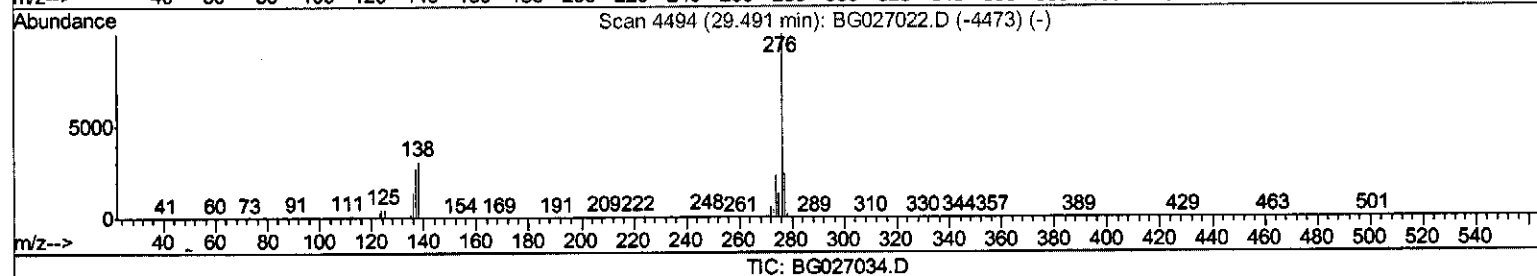
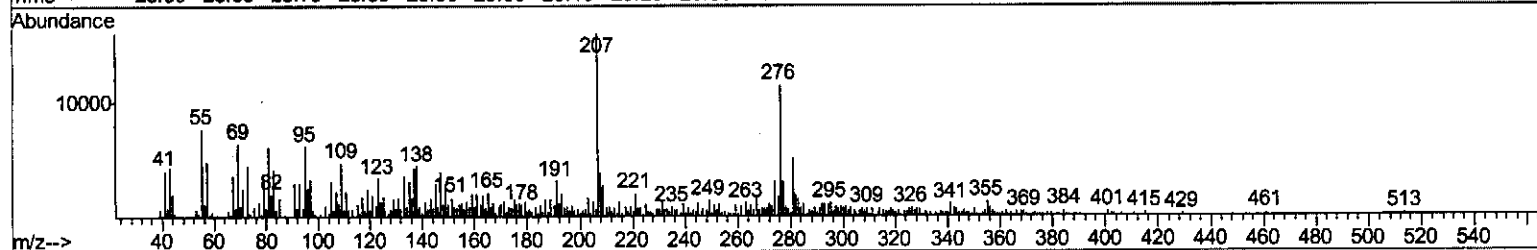
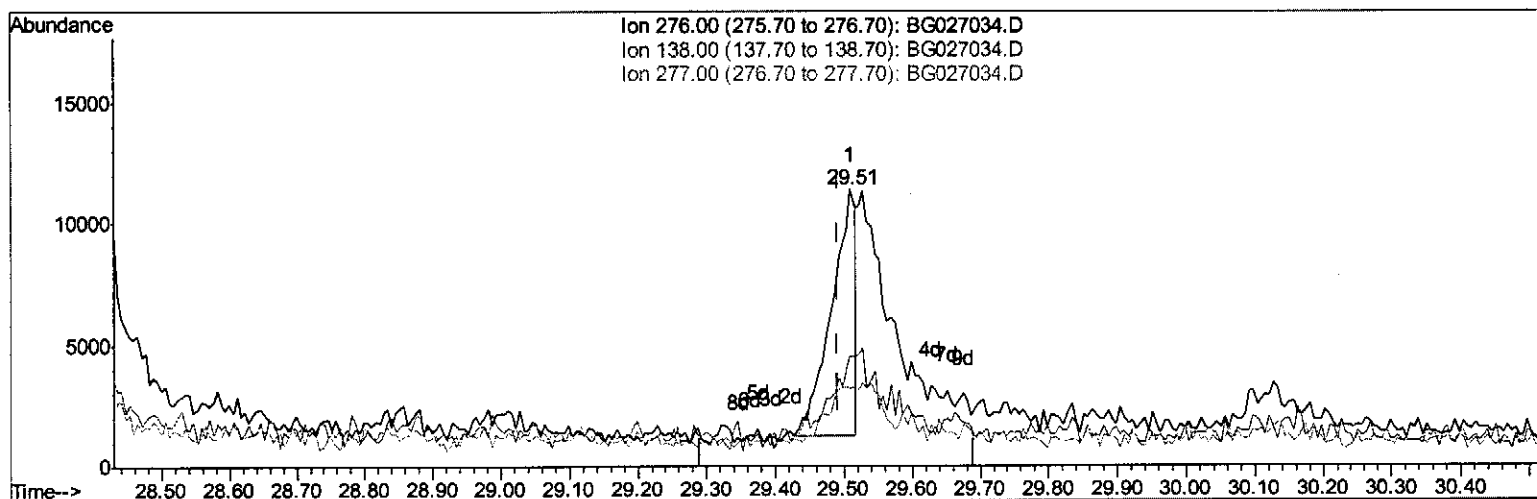
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Data File : BG027034.D
Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampled :
DAC31

Manual Integrations
APPROVED

mohammad
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



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

29.510min (+0.019) 0.60ng/ul

response 24491

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	40.05#
277.00	23.70	28.10
0.00	0.00	0.00

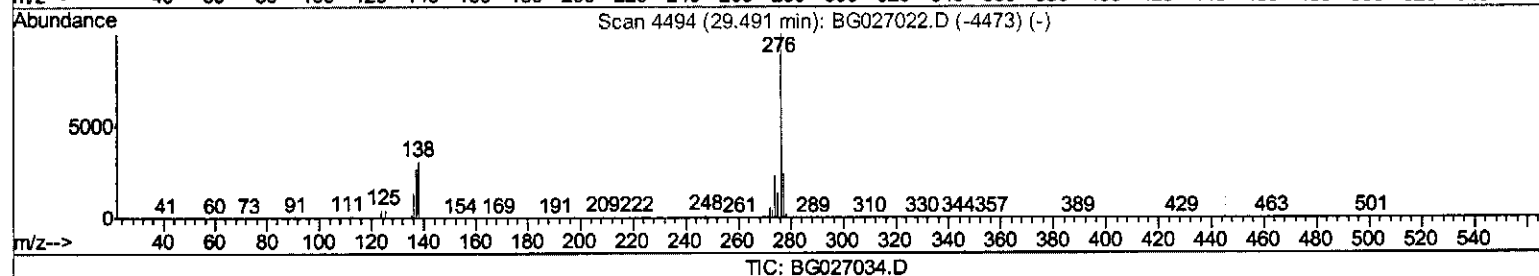
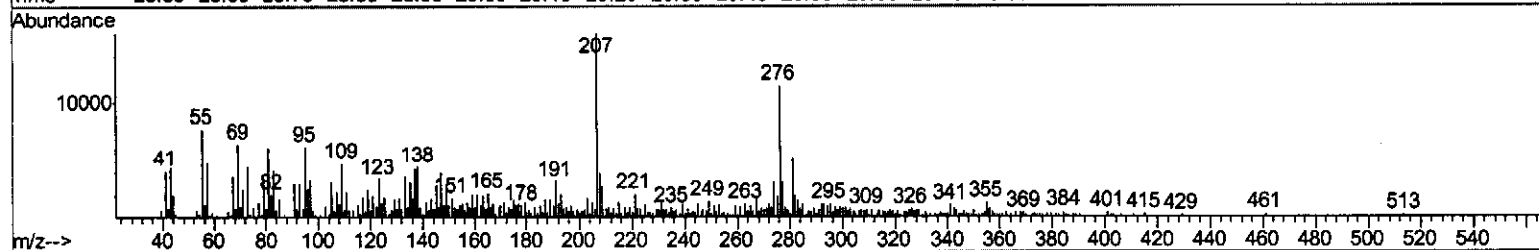
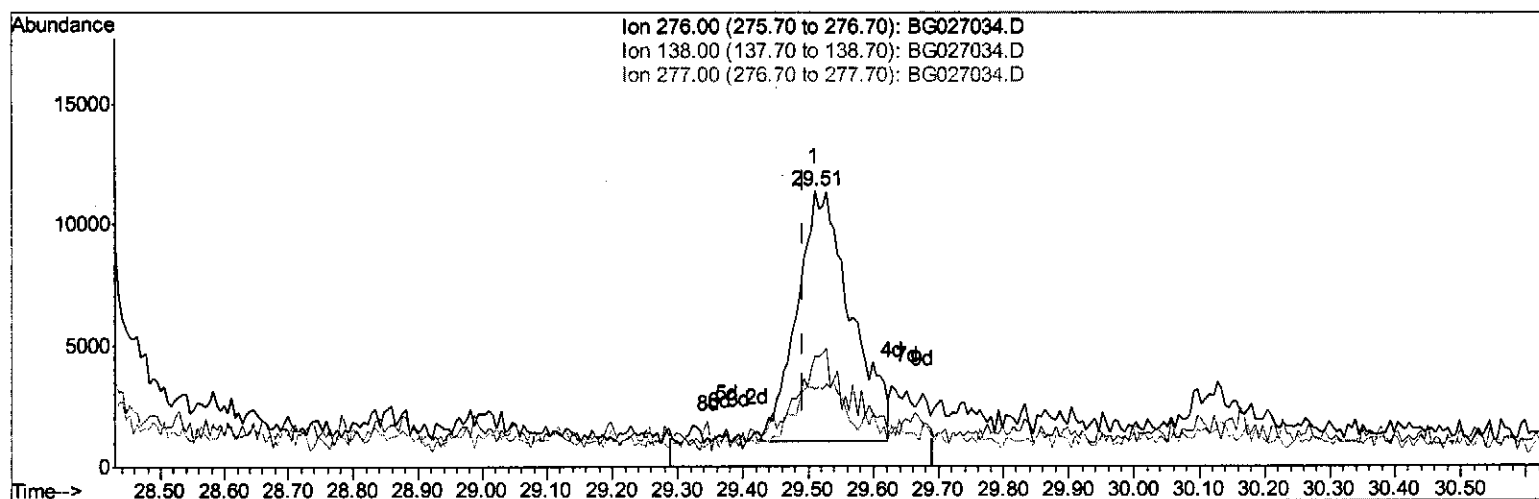
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Acq On : 19 May 2017 11:05
Operator : SJ/MA
Sample : I3136-21
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC31

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:16 AM

Quant Time: May 19 12:53:10 2017
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Response via : Initial Calibration



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

29.510min (+0.019) 1.44ng/ul m

response 59215

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	40.05#
277.00	23.70	28.10
0.00	0.00	0.00

MA
5/22/17

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027034.D
 Acq On : 19 May 2017 11:05
 Operator : SJ/MA
 Sample : I3136-21
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC31

Manual Integrations
 APPROVED

mohammad
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Quant Time: May 19 12:55:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	253297	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1147429	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	606406	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1108416	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	990177	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	967344	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	1145296	18.41	ng/ul	0.00
10) Fluorene-d10	15.61	176	732032	17.64	ng/ul	0.00
14) Anthracene-d10	17.45	188	1024842m	18.96	ng/ul	0.00
18) Pyrene-d10	19.73	212	973813	18.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	910266	18.94	ng/ul	0.01

Target Compounds

						Qvalue
13) Phenanthrene	17.39	178	118156	1.91	ng/ul	98
16) Fluoranthene	19.40	202	287512	4.54	ng/ul#	95
19) Pyrene	19.76	202	252279	3.90	ng/ul#	89
20) Benzo(a)anthracene	21.58	228	149420	2.50	ng/ul	95
21) Chrysene	21.65	228	163712	2.99	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	228216	3.97	ng/ul#	92
24) Benzo(k)fluoranthene	23.82	252	100349m	1.70	ng/ul	
26) Benzo(a)pyrene	24.62	252	126833	2.25	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	28.38	276	79531m	1.54	ng/ul	
29) Benzo(g,h,i)perylene	29.51	276	59215m	1.44	ng/ul	

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

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