

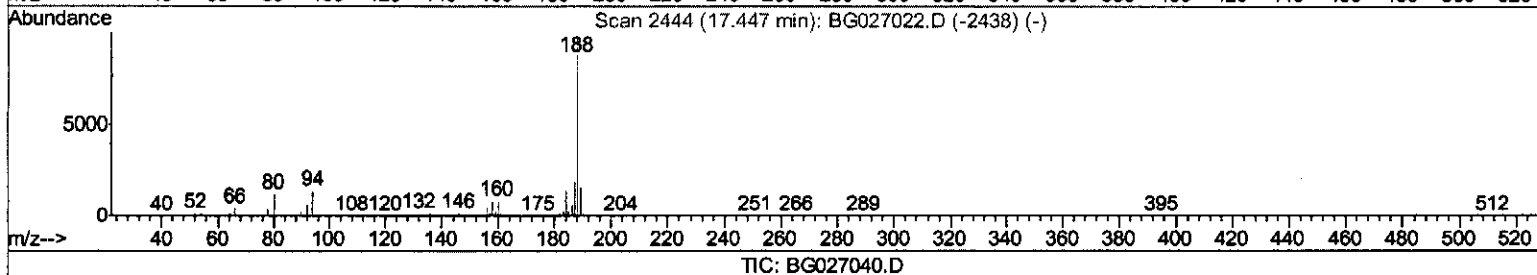
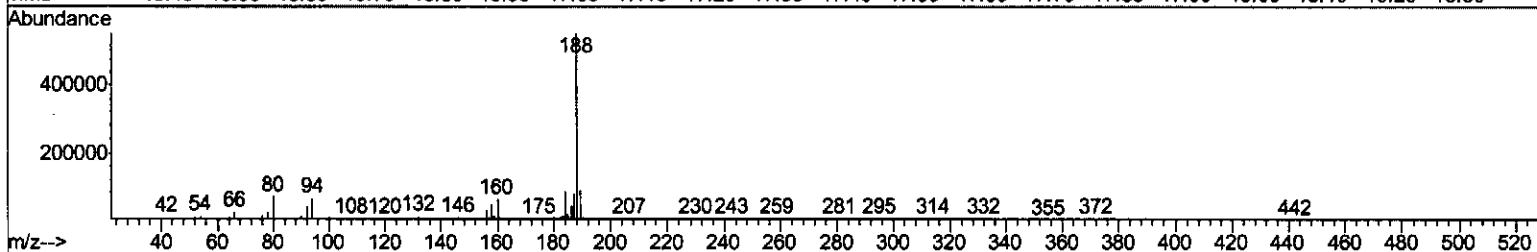
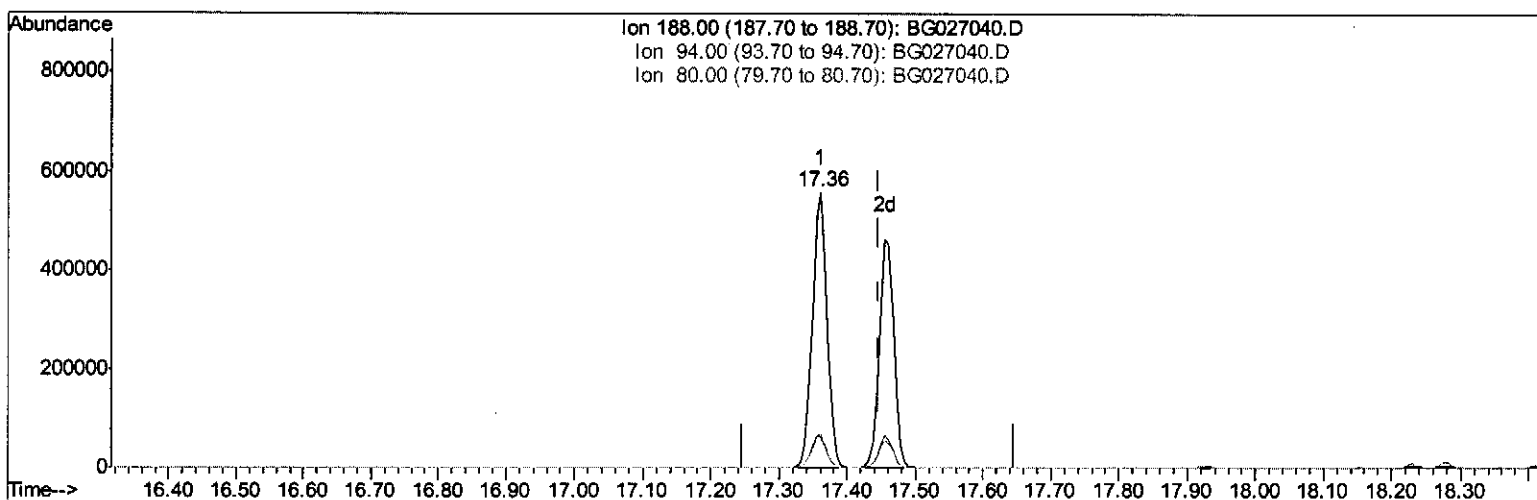
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC26

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:29 AM

Quant Time: May 19 16:12:02 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)

17.361min (-0.086) 20.51ng/ul

response 840669

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.10
80.00	11.80	12.33
0.00	0.00	0.00

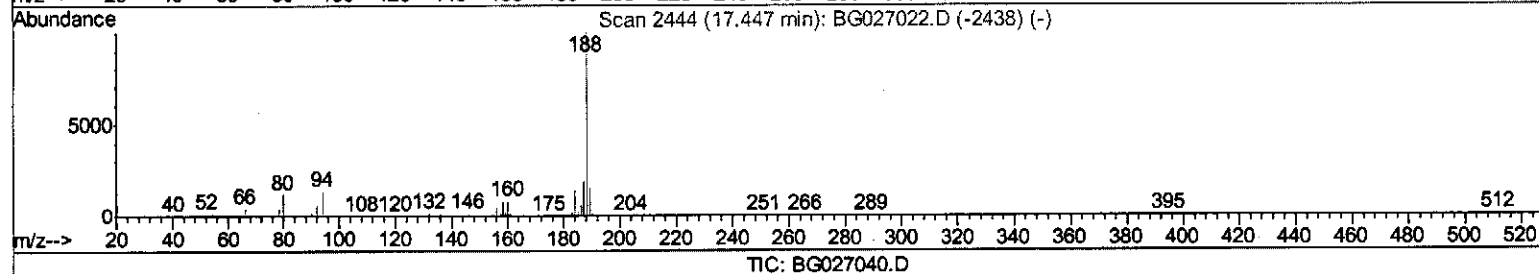
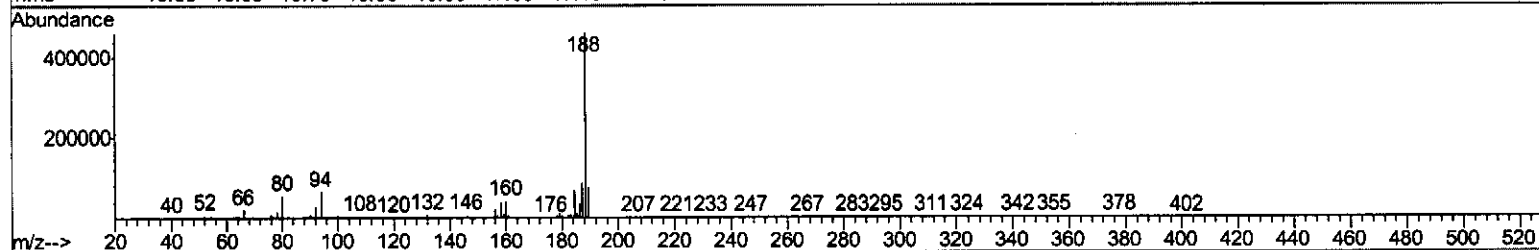
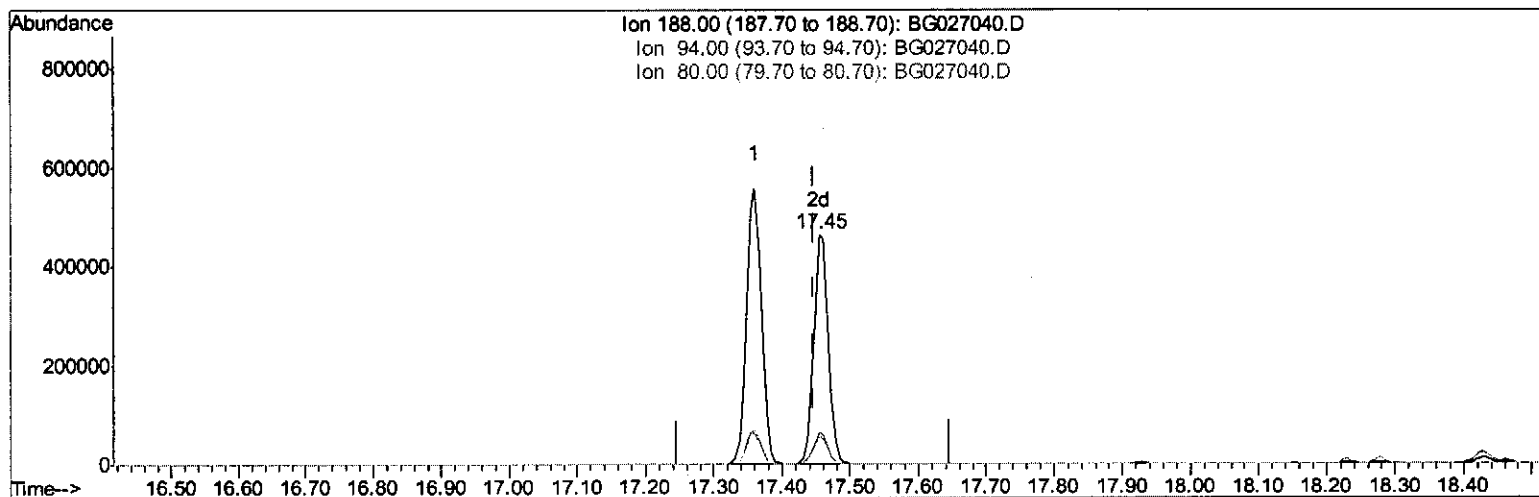
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(14) Anthracene-d10 (S)

17.455min (+0.008) 16.89ng/ul m

response 692217

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	14.37#
80.00	11.80	12.02
0.00	0.00	0.00

MS 5/22/17

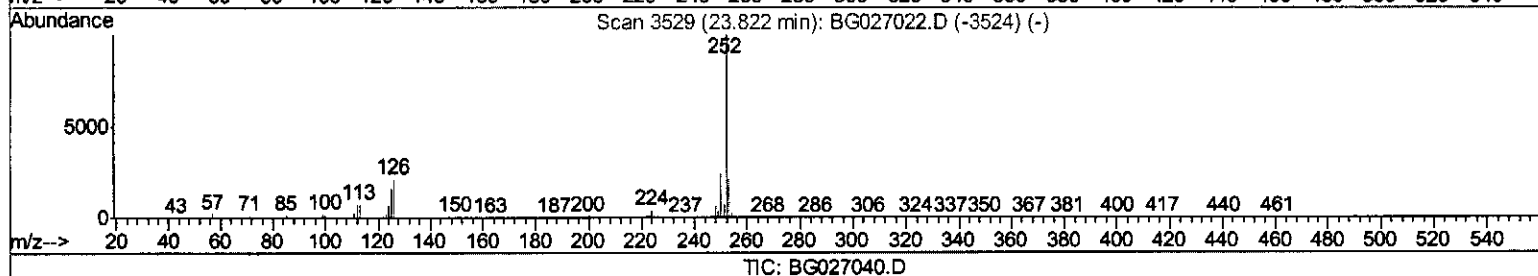
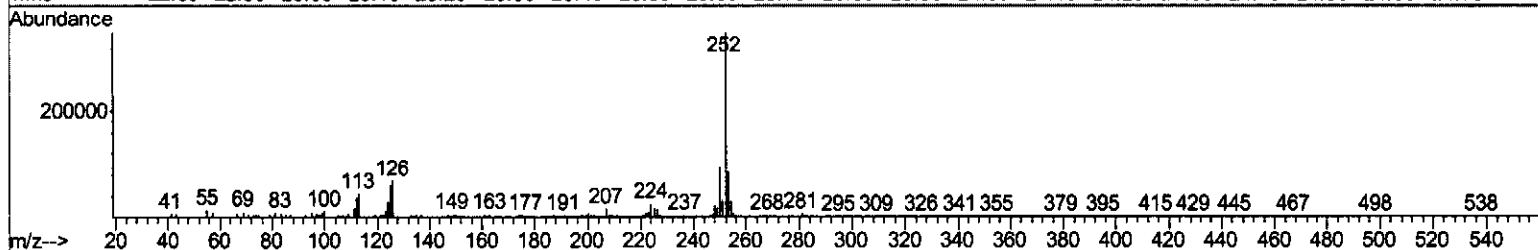
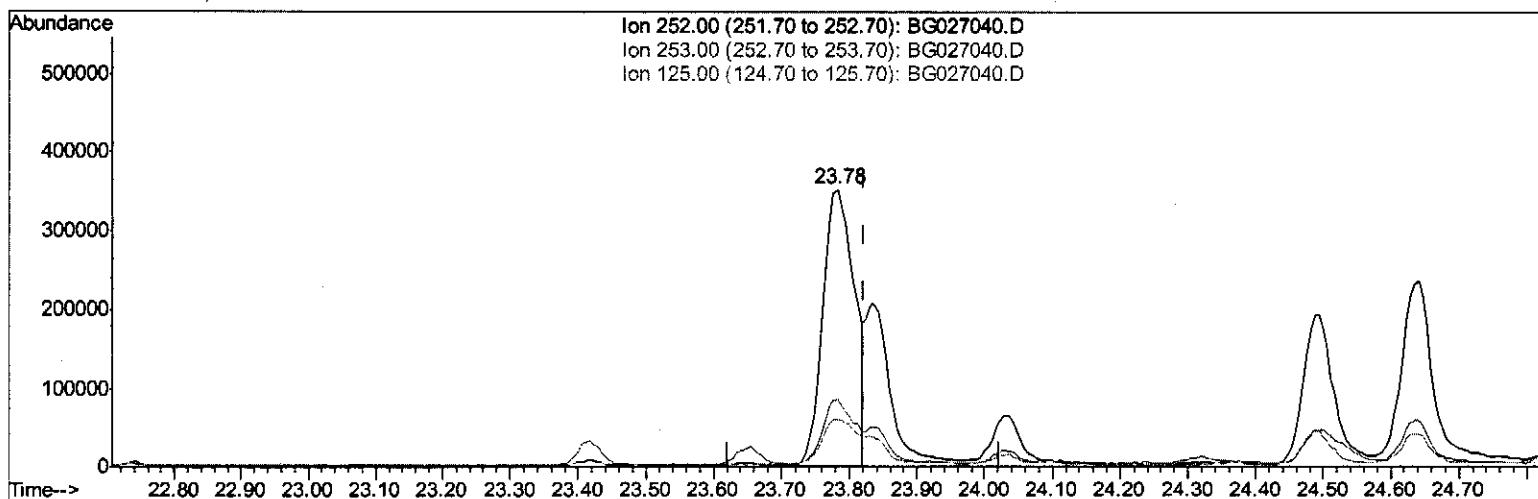
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Operator : SJ/MA
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampled :
DAC26

Manual Integrations
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(24) Benzo(k)fluoranthene

23.783min (-0.039) 26.60ng/ul

response 1121303

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.47
125.00	10.10	17.50#
0.00	0.00	0.00

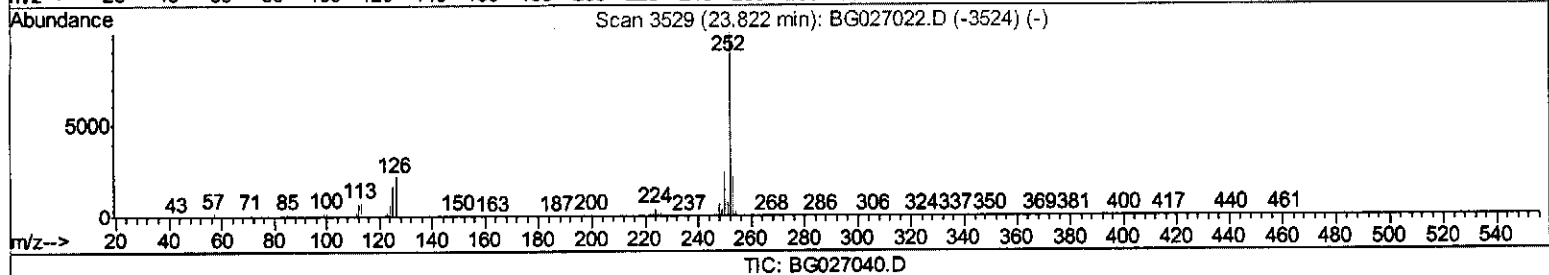
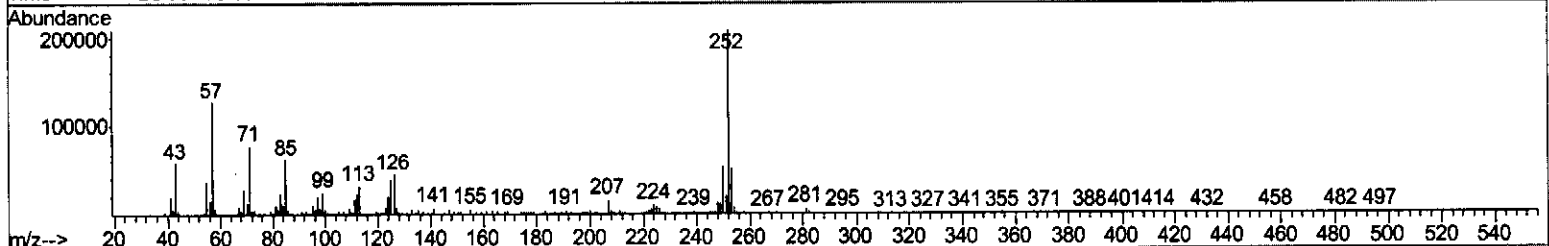
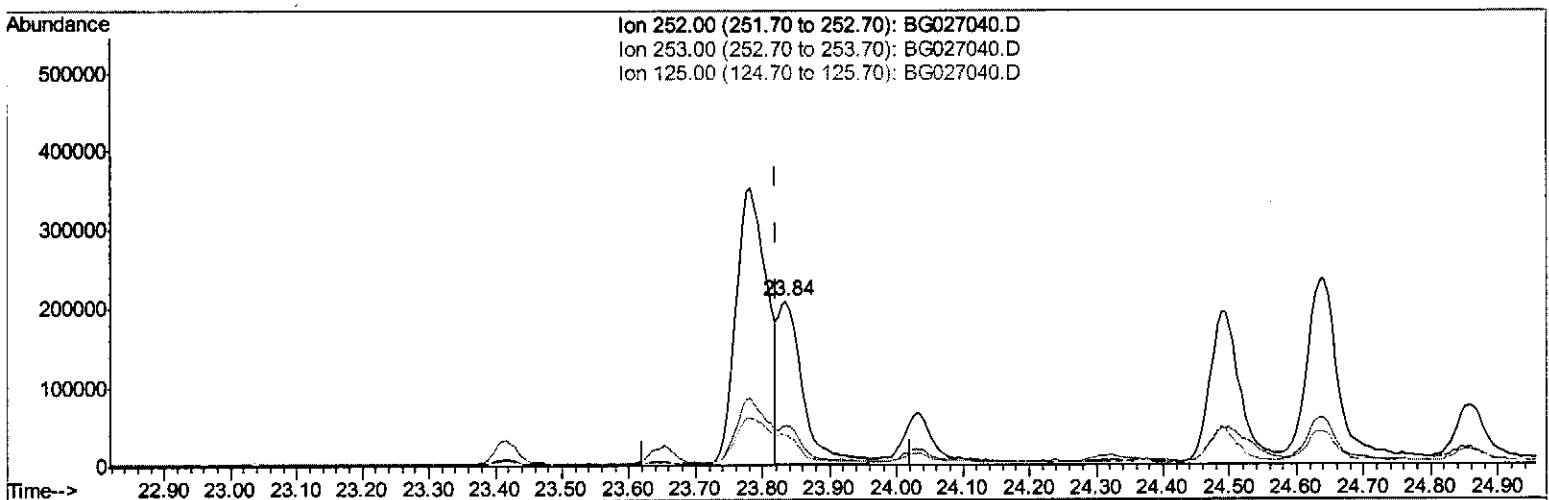
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC26

Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.835min (+0.014) 12.70ng/ul m

response 535480

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.51
125.00	10.10	18.55#
0.00	0.00	0.00

MA
5/22/17

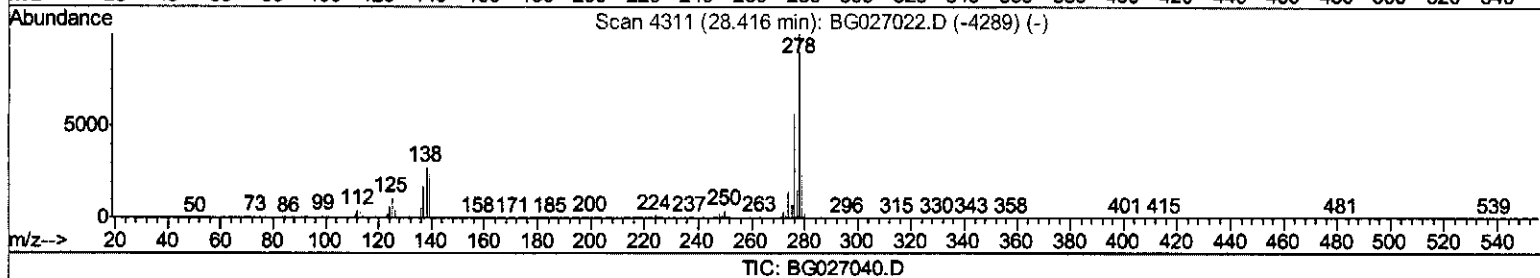
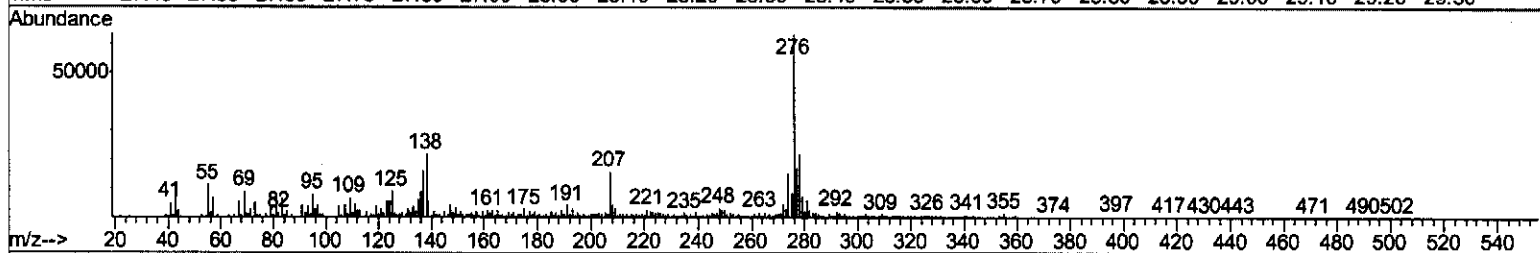
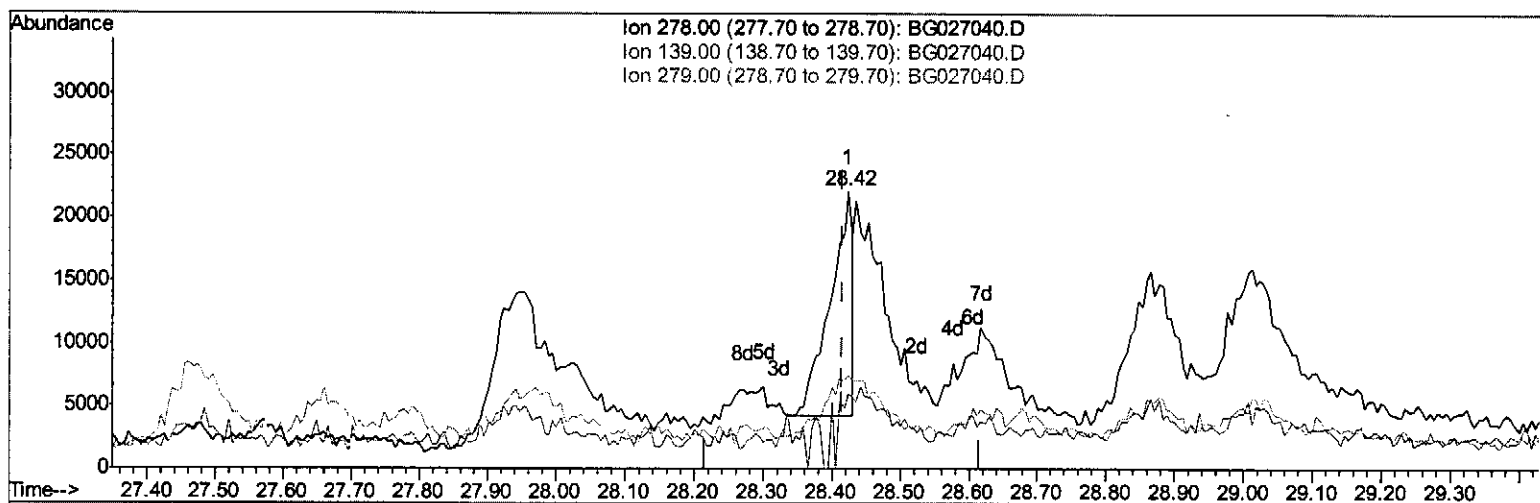
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
DAC26

Manual Integrations
APPROVED

mohammad
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Quant Time: May 19 16:12:02 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



(28) Dibenzo(a,h)anthracene

28.424min (+0.008) 1.27ng/ul

response 40541

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	26.70#
279.00	24.00	33.88#
0.00	0.00	0.00

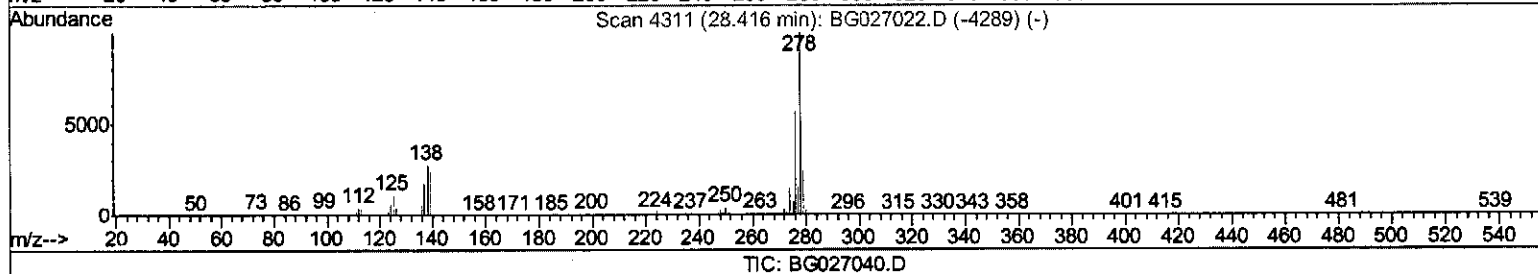
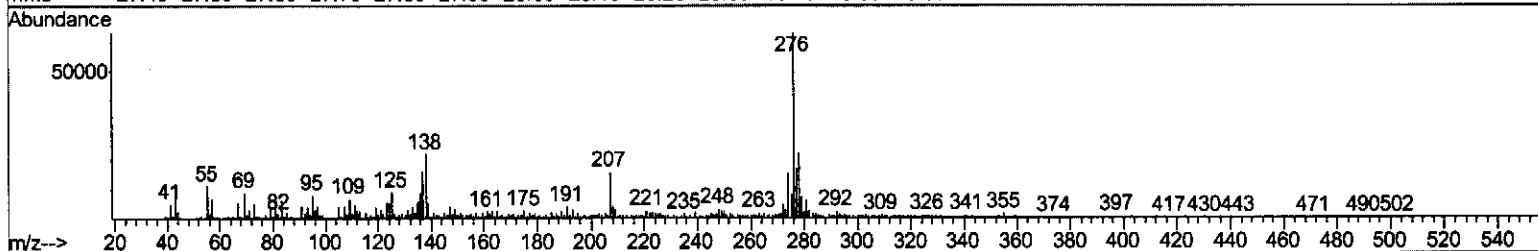
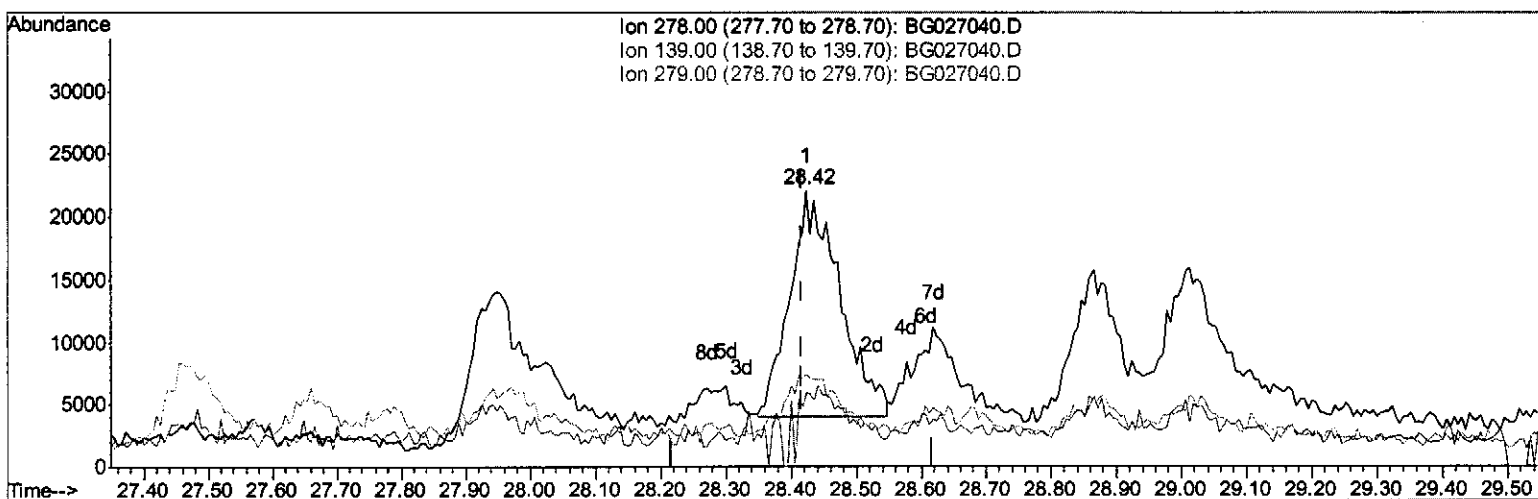
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC26

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:29 AM

Quant Time: May 19 16:12:02 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



(28) Dibenzo(a,h)anthracene

28.424min (+0.008) 3.02ng/ul m

response 96095

Ion	Exp%	Act%
278.00	100	100
139.00	15.30	26.70#
279.00	24.00	33.88#
0.00	0.00	0.00

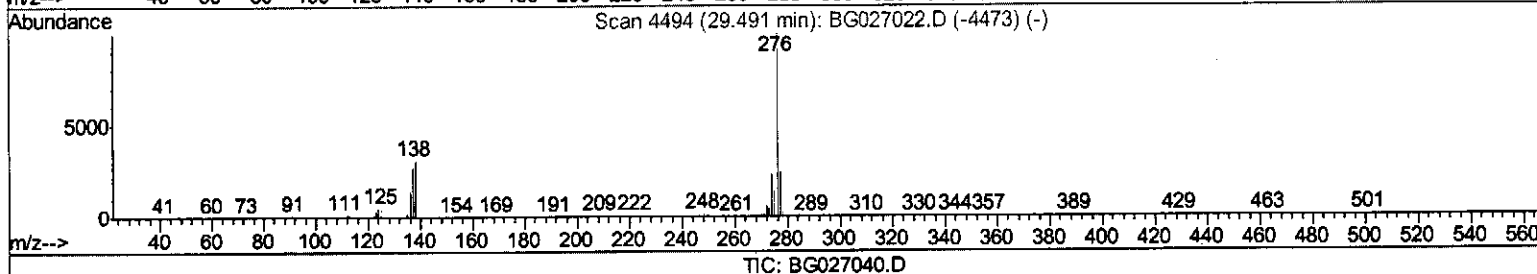
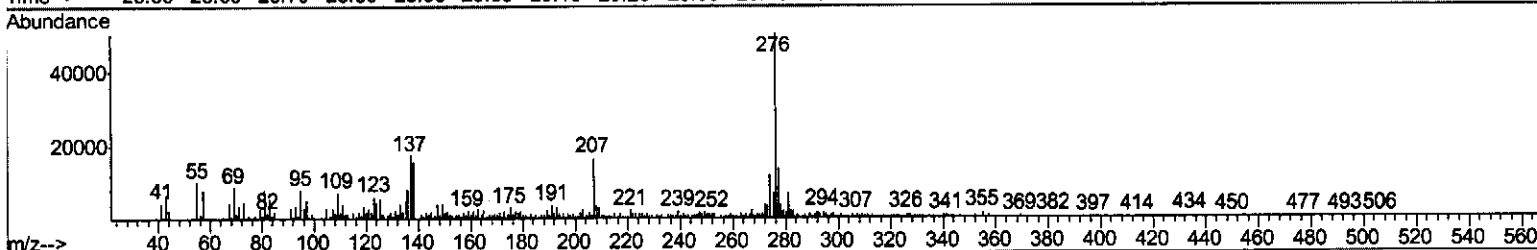
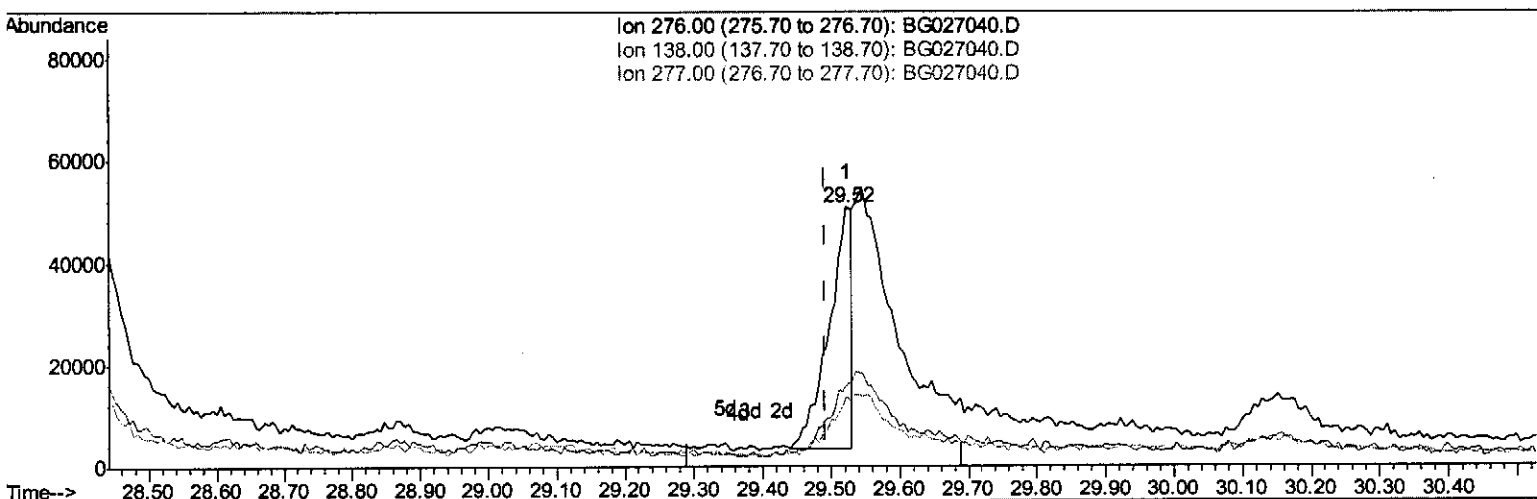
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
DAC26

Manual Integrations
APPROVED

mohammad
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 19 04:25:04 2017
Response via : Initial Calibration



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

29.523min (+0.032) 3.69ng/ul

response 108366

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	31.38#
277.00	23.70	26.69
0.00	0.00	0.00

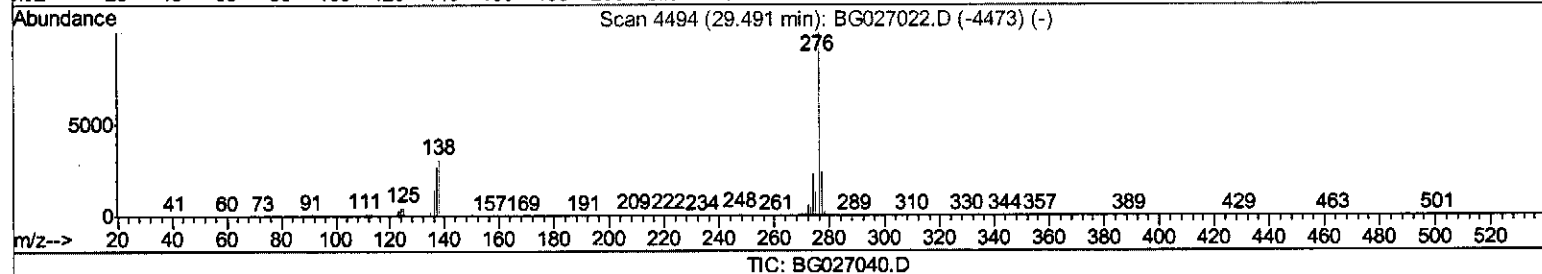
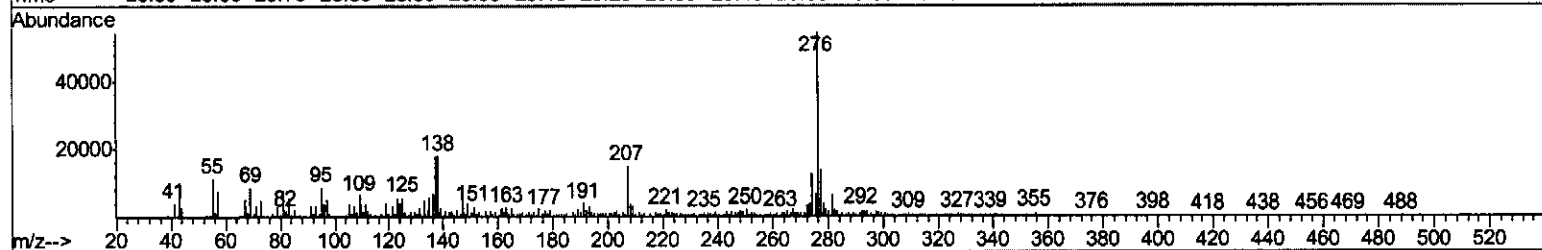
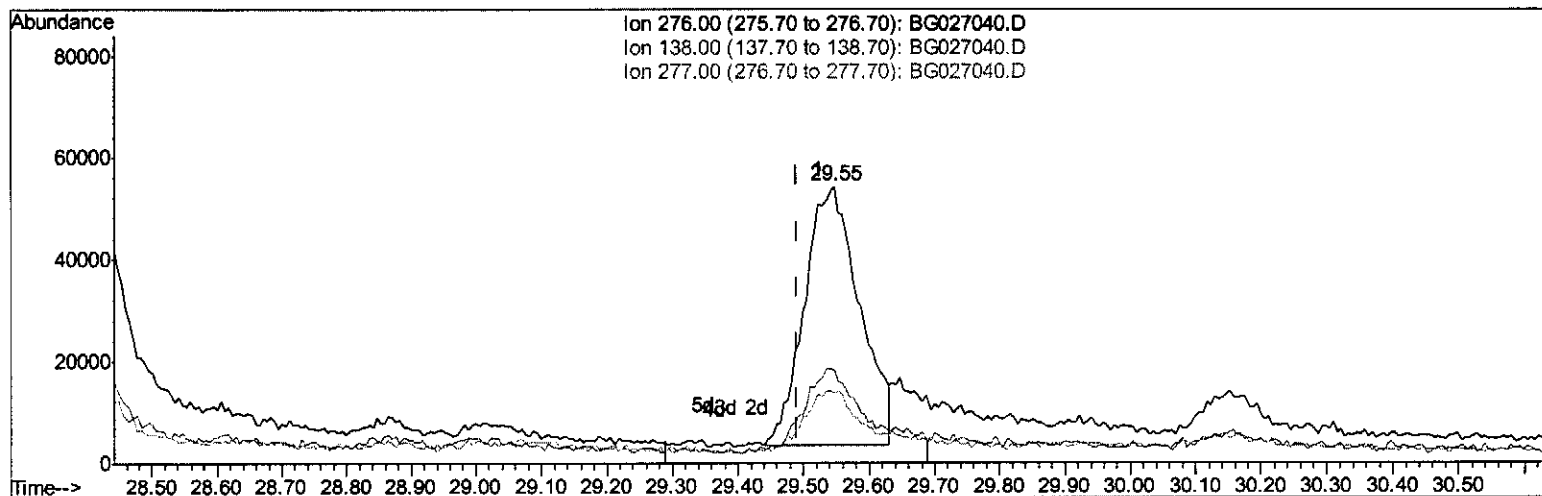
Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
Data File : BG027040.D
Acq On : 19 May 2017 15:02
Operator : SJ/MA
Sample : I3136-16
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAC26

Manual Integrations
APPROVED

mohammad
5/22/2017 11:05:29 AM

Quant Time: May 19 16:12:02 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



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

29.546min (+0.055) 10.01ng/ul m

response 293567

Ion	Exp%	Act%
276.00	100	100
138.00	19.10	33.67#
277.00	23.70	25.30
0.00	0.00	0.00

MA SJ/MA

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027040.D
 Acq On : 19 May 2017 15:02
 Operator : SJ/MA
 Sample : I3136-16
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 DAC26

Manual Integrations
 APPROVED

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Quant Time: May 19 16:15:05 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	203665	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	929936	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	468383	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	840669	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	749299	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	689491	20.00	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	797798	16.61	ng/ul	0.00
10) Fluorene-d10	15.61	176	499561	15.59	ng/ul	0.00
14) Anthracene-d10	17.45	188	692217m	16.89	ng/ul	0.00
18) Pyrene-d10	19.74	212	660287	16.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	564906	16.49	ng/ul	0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.86	128	212768	4.41	ng/ul	99
4) 2-Methylnaphthalene	12.46	142	56136	1.57	ng/ul	99
5) 1-Methylnaphthalene	12.68	142	55043	1.43	ng/ul	95
9) Acenaphthene	14.68	153	71915	2.18	ng/ul	98
11) Fluorene	15.66	166	127664	3.62	ng/ul	94
13) Phenanthrene	17.40	178	1321904	28.13	ng/ul	96
15) Anthracene	17.49	178	207405	4.30	ng/ul	98
16) Fluoranthene	19.41	202	1837536	38.25	ng/ul#	89
19) Pyrene	19.77	202	1468389	29.98	ng/ul#	85
20) Benzo(a)anthracene	21.59	228	834691	18.49	ng/ul	96
21) Chrysene	21.66	228	881264	21.26	ng/ul	95
23) Benzo(b)fluoranthene	23.78	252	1121303	27.36	ng/ul#	91
24) Benzo(k)fluoranthene	23.84	252	535480m	12.70	ng/ul	
26) Benzo(a)pyrene	24.64	252	646599	16.13	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	28.40	276	393391	10.67	ng/ul#	83
28) Dibenzo(a,h)anthracene	28.42	278	96095m	3.02	ng/ul	
29) Benzo(g,h,i)perylene	29.55	276	293567m	10.01	ng/ul	

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

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