

Quantitation Report (QT Reviewed)

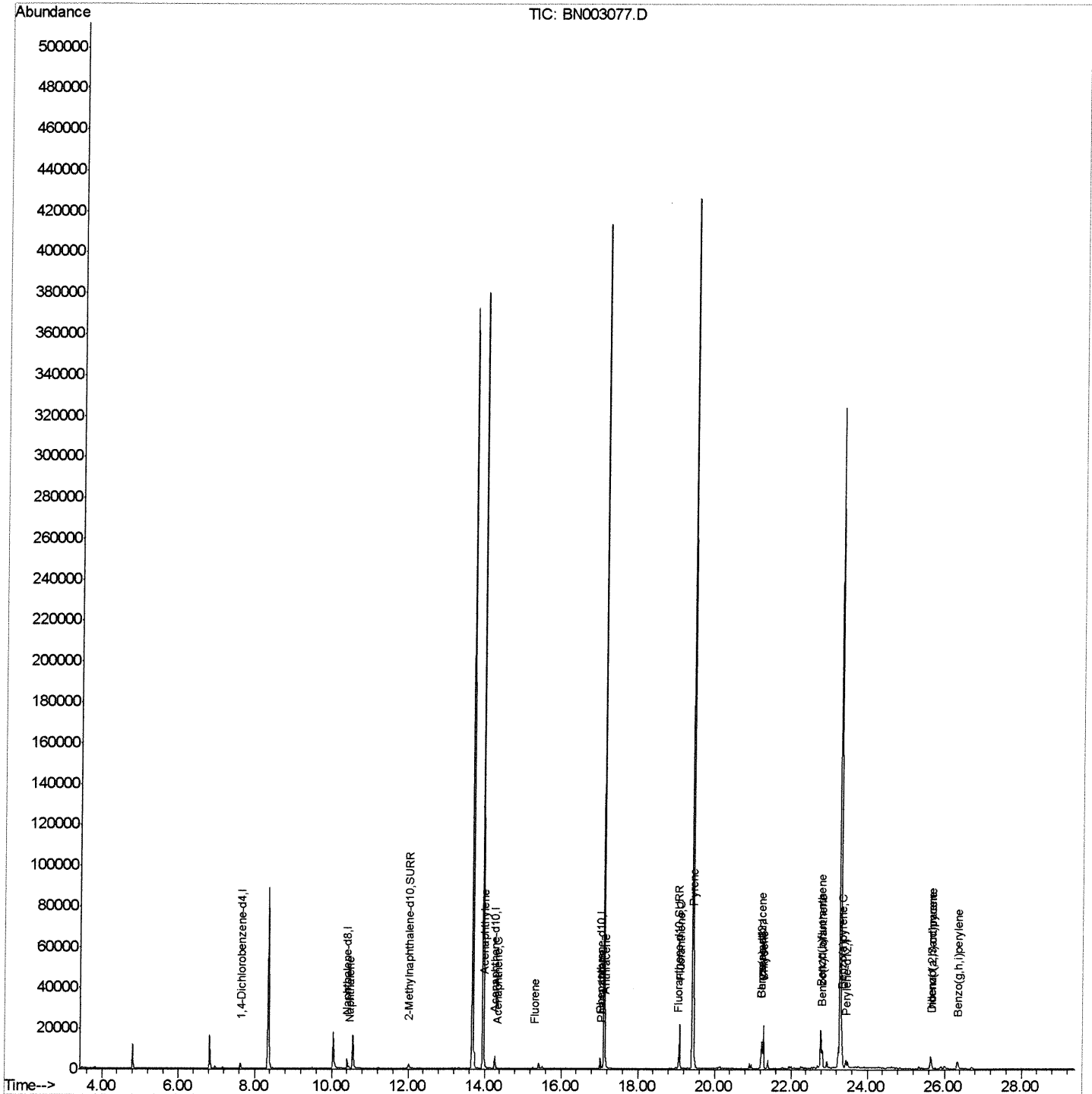
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:09:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

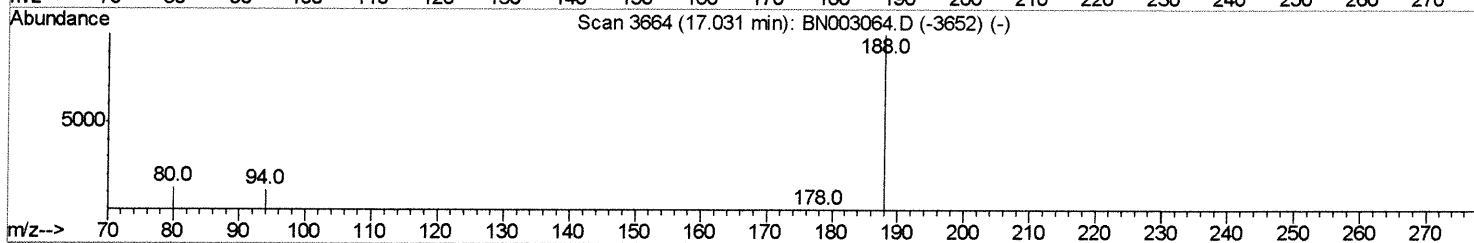
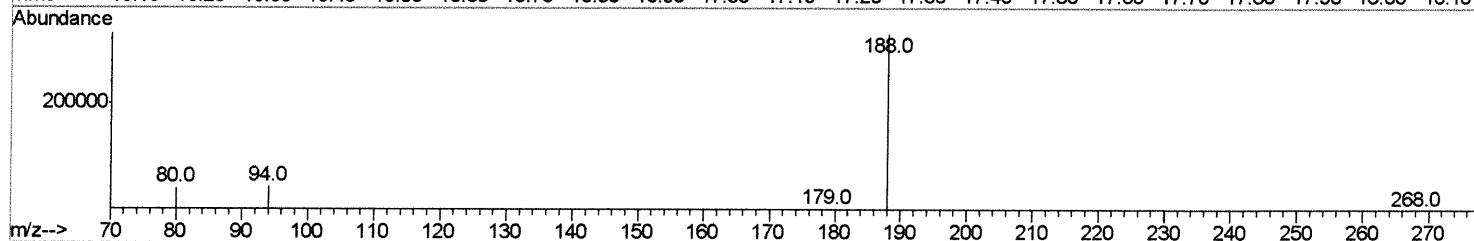
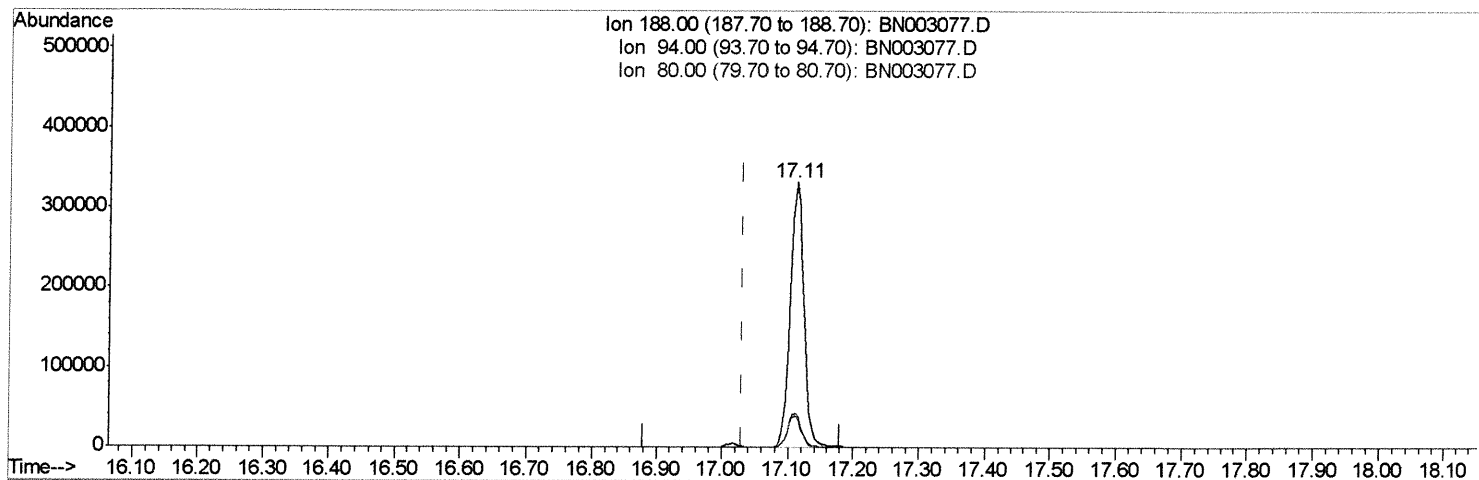
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TIC: BN003077.D

(10) Phenanthrene-d10 (I)

17.111min (+0.080) 0.40ng/ul

response 478593

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.91
80.00	12.70	11.73
0.00	0.00	0.00

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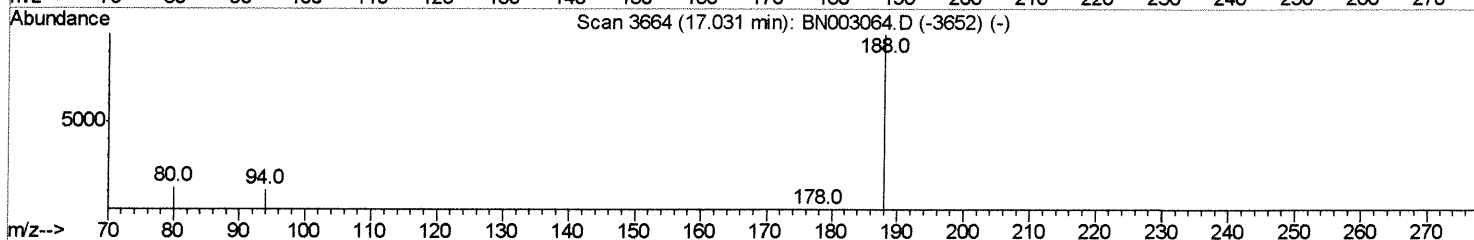
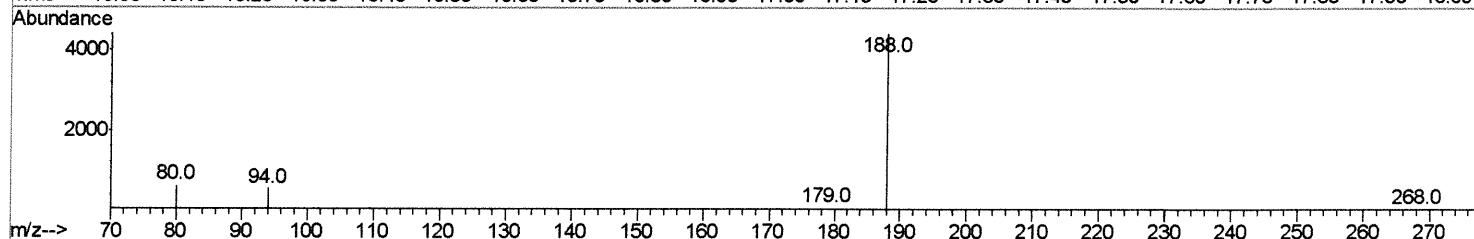
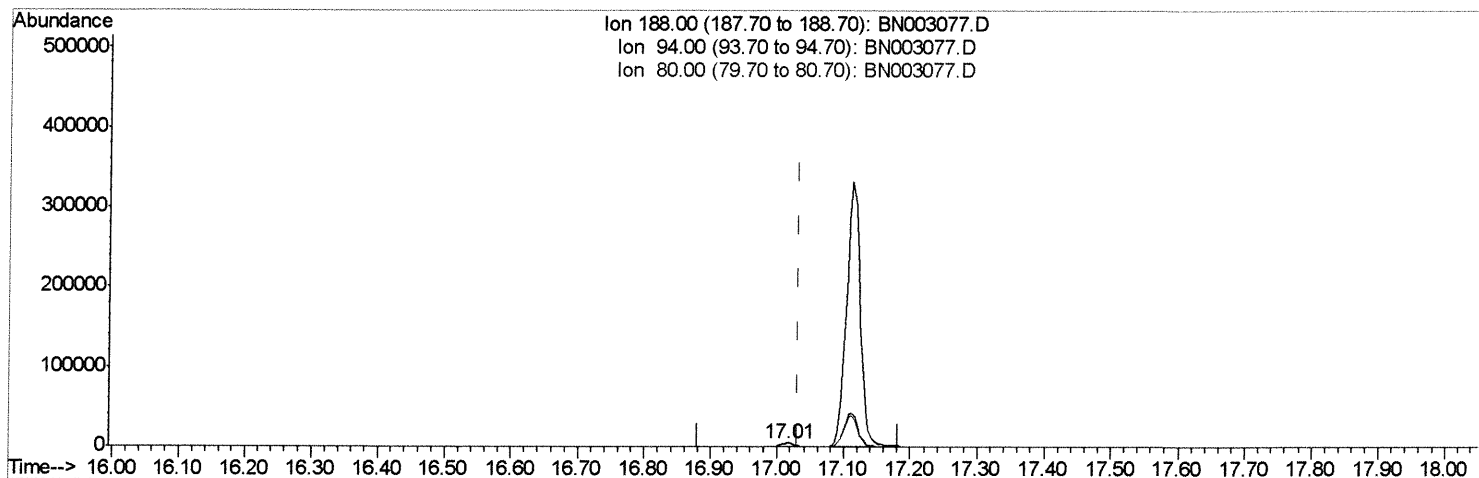
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(10) Phenanthrene-d10 (I)

17.014min (-0.017) 0.40ng/ul m

response 6376

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	12.43
80.00	12.70	14.03
0.00	0.00	0.00

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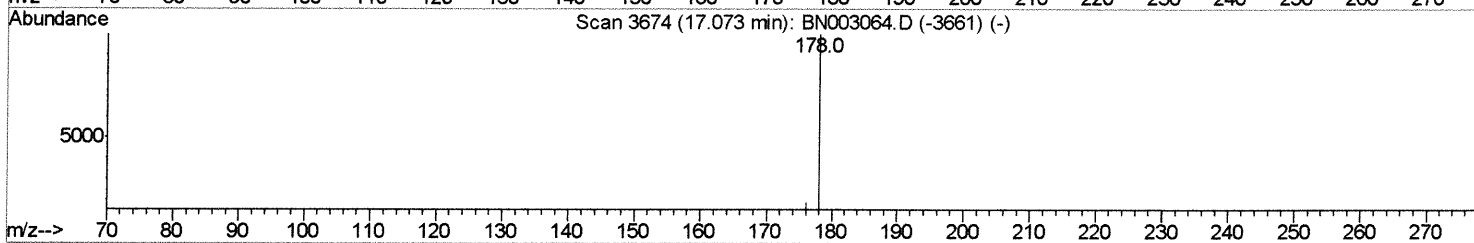
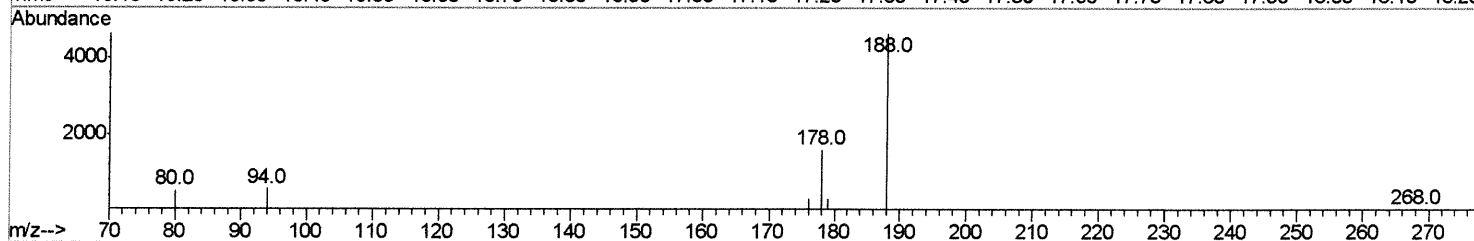
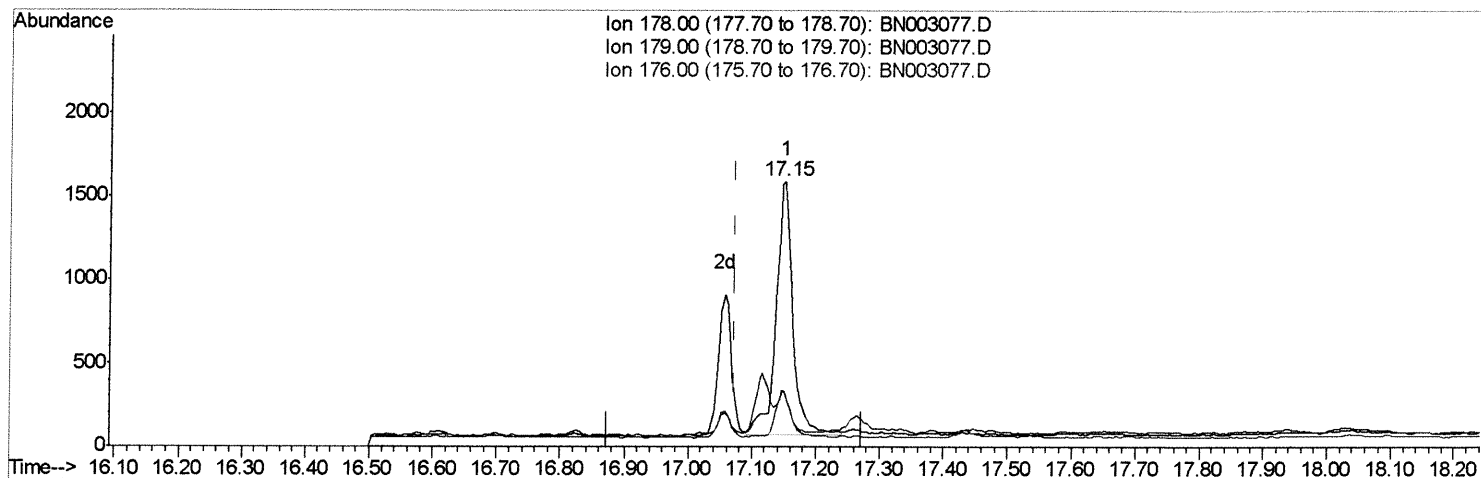
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(12) Phenanthrene

17.149min (+0.076) 0.16ng/ul

response 2791

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	20.34#
176.00	19.30	20.72
0.00	0.00	0.00

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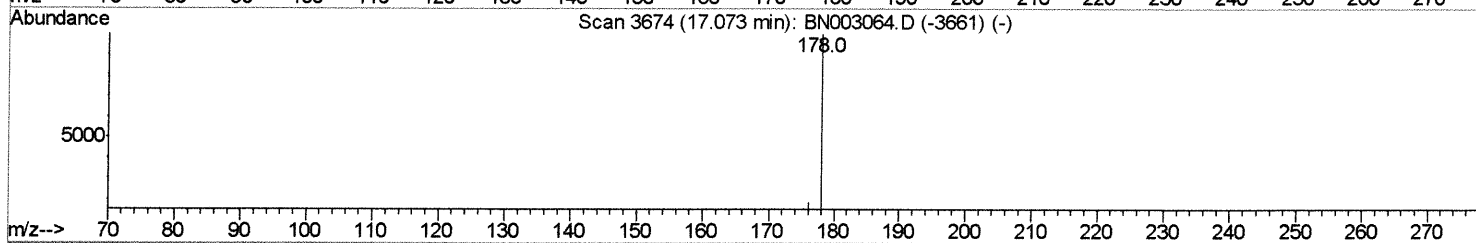
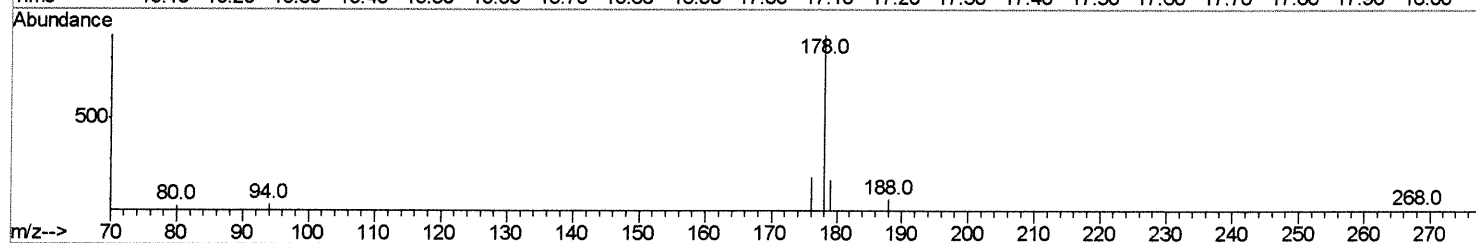
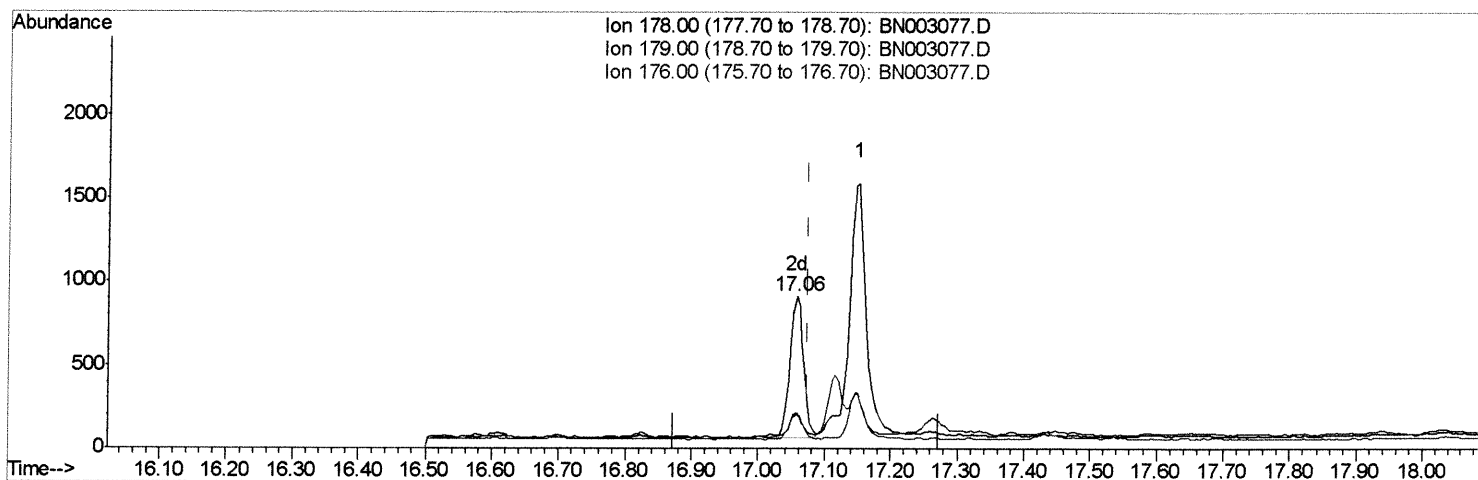
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(12) Phenanthrene

17.056min (-0.017) 0.07ng/ul m

response 1215

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	21.82#
176.00	19.30	23.57#
0.00	0.00	0.00

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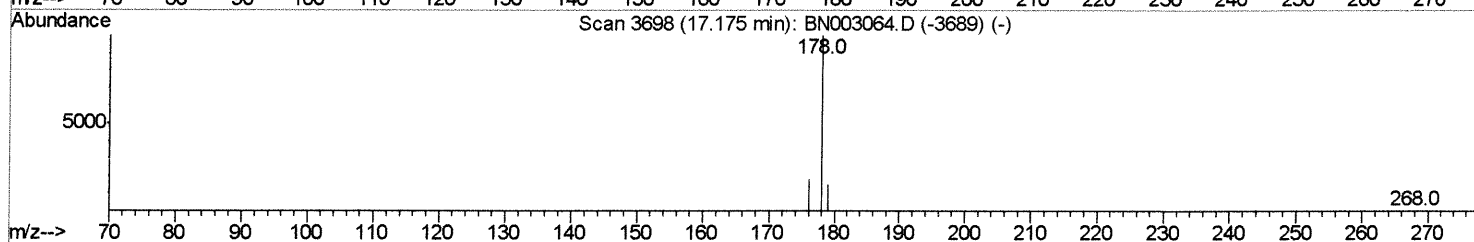
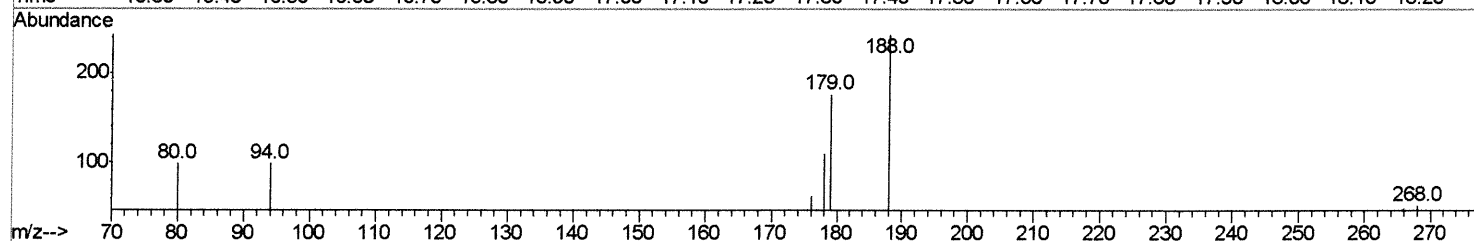
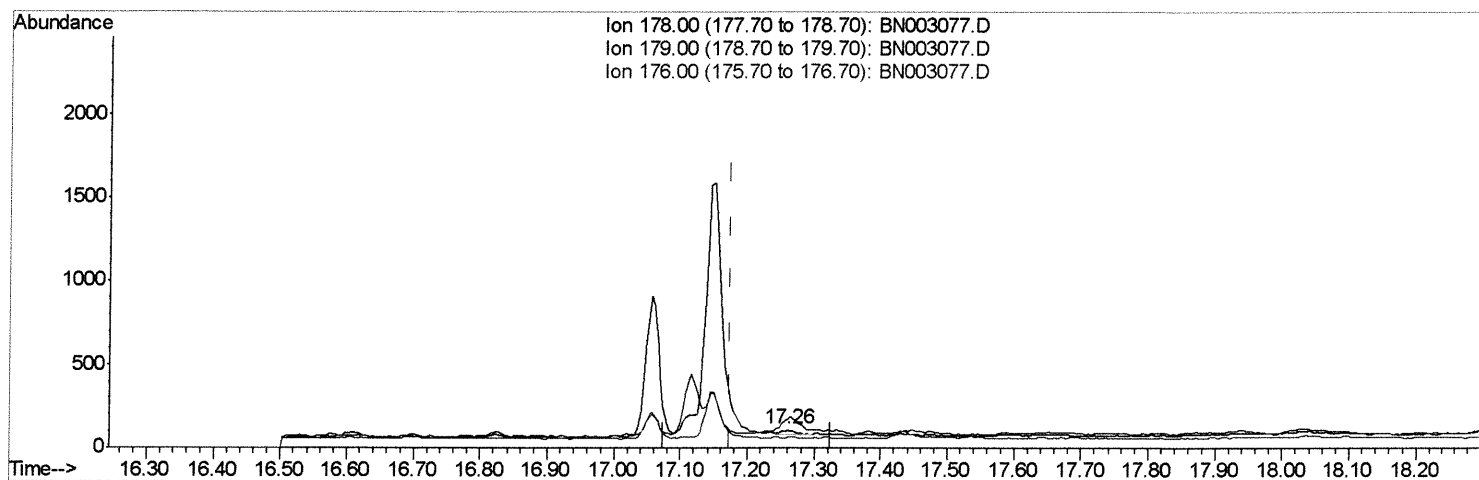
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(13) Anthracene

17.259min (+0.084) 0.00ng/ui

response 38

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	160.00#
176.00	19.10	56.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

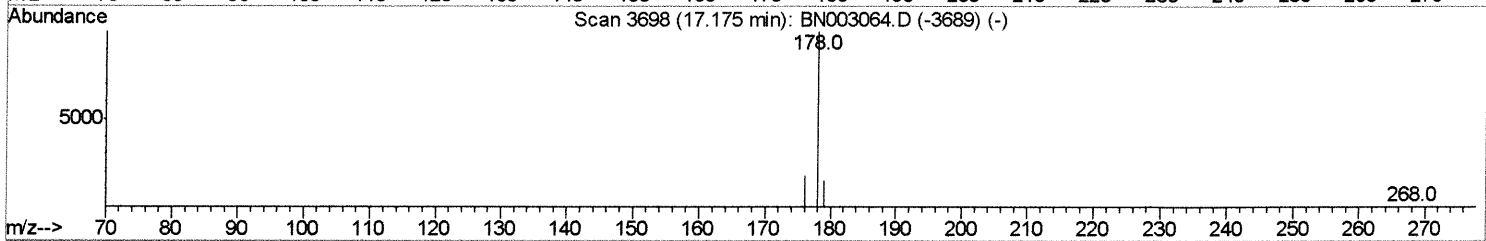
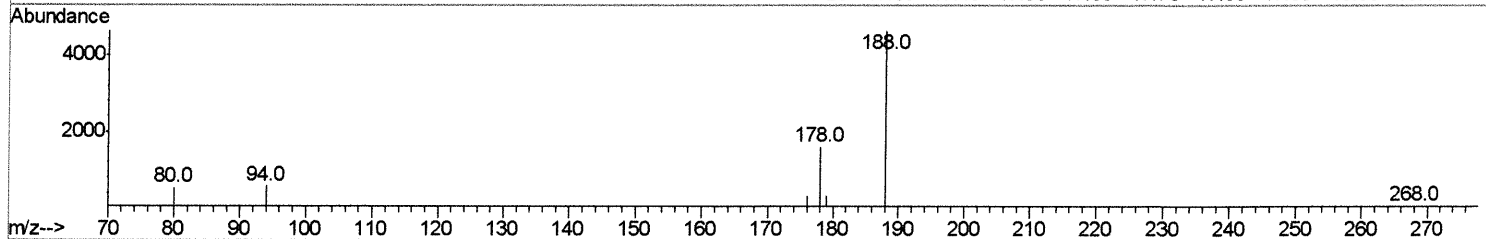
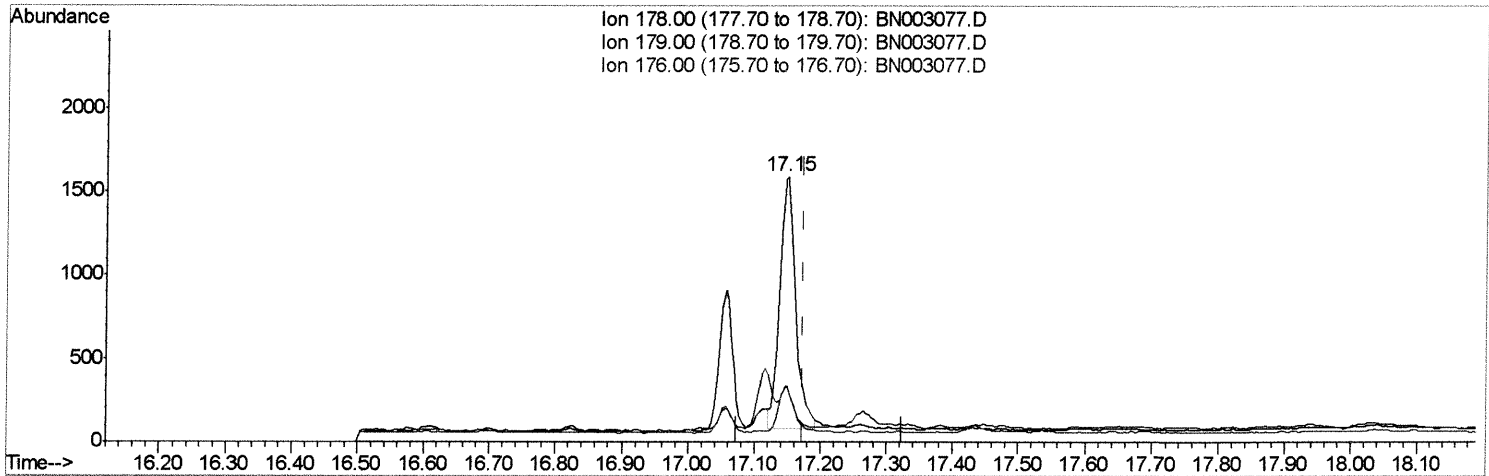
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(13) Anthracene

17.149min (-0.025) 0.15ng/ul m

response 2519

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	20.34#
176.00	19.10	20.72
0.00	0.00	0.00

Quantitation Report (Qedit)

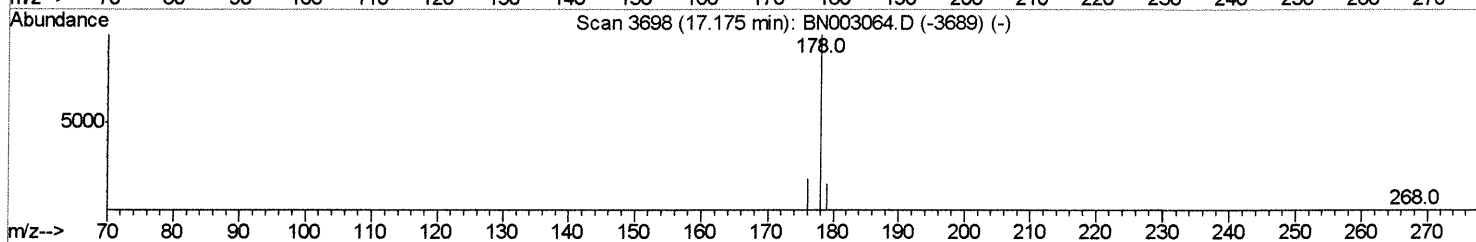
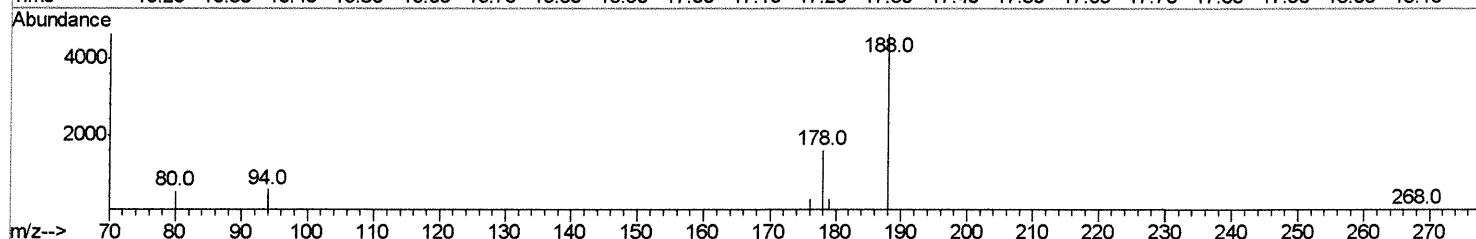
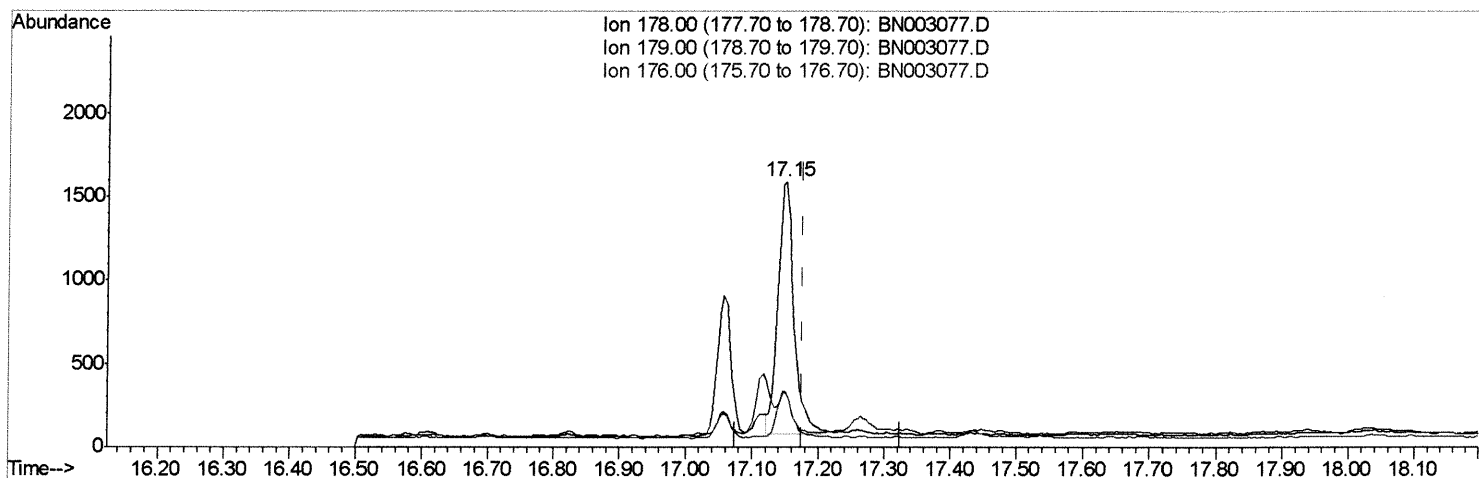
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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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Manual Integrations
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(13) Anthracene

17.149min (-0.025) 0.15ng/ul m

response 2550

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	20.34#
176.00	19.10	20.72
0.00	0.00	0.00

Quantitation Report (Qedit)

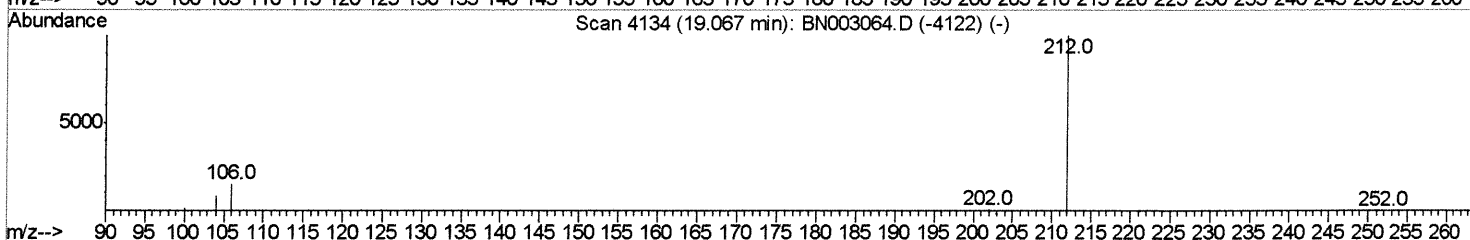
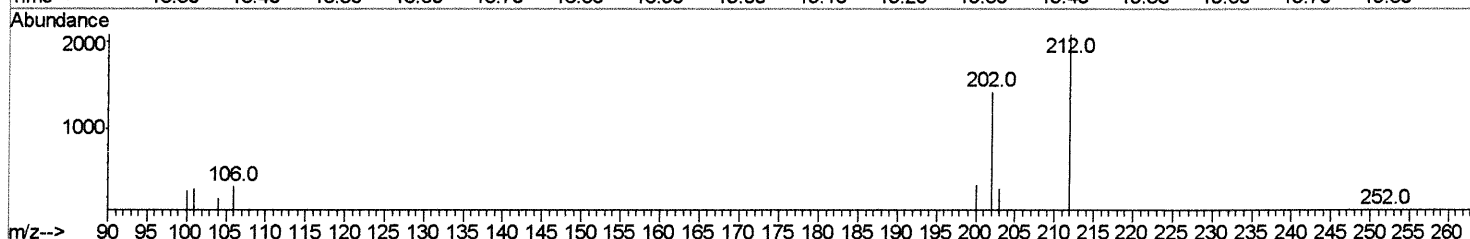
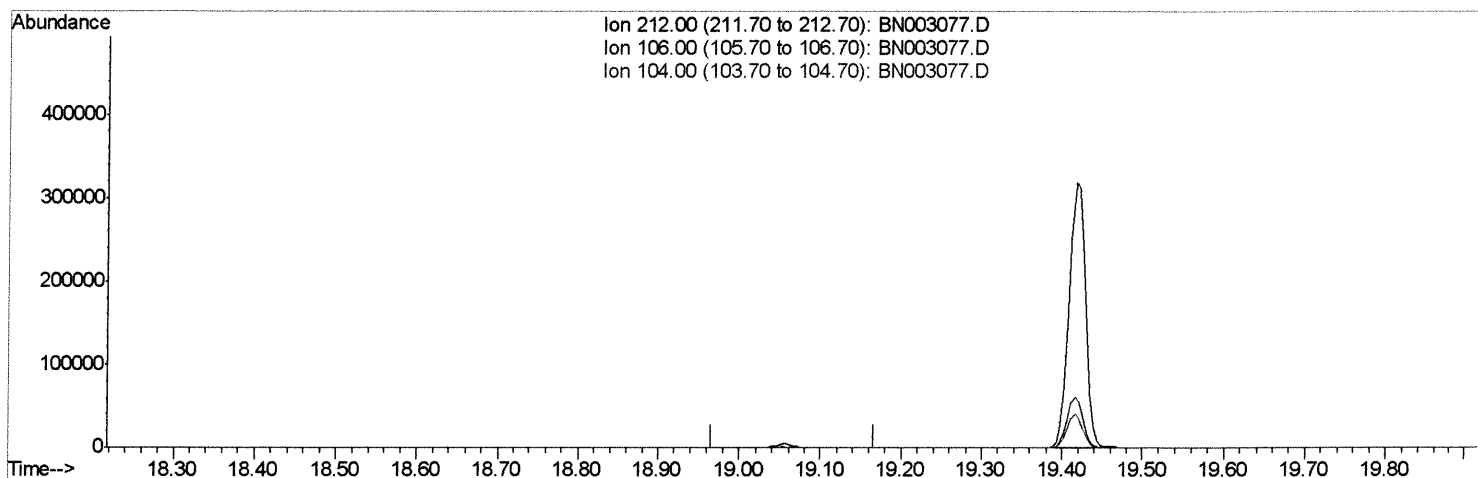
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(14) Fluoranthene-d10 (SURR)

19.067min (-19.067) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

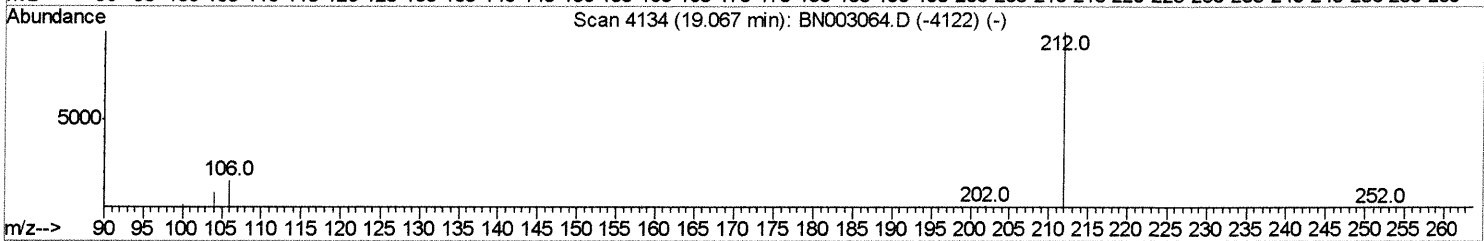
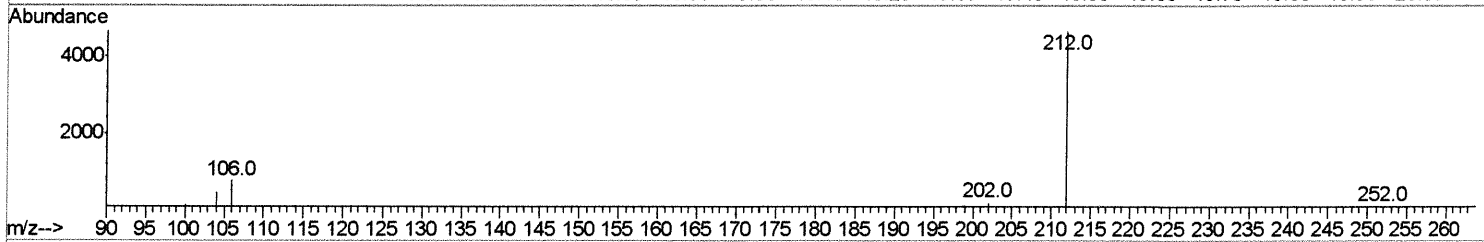
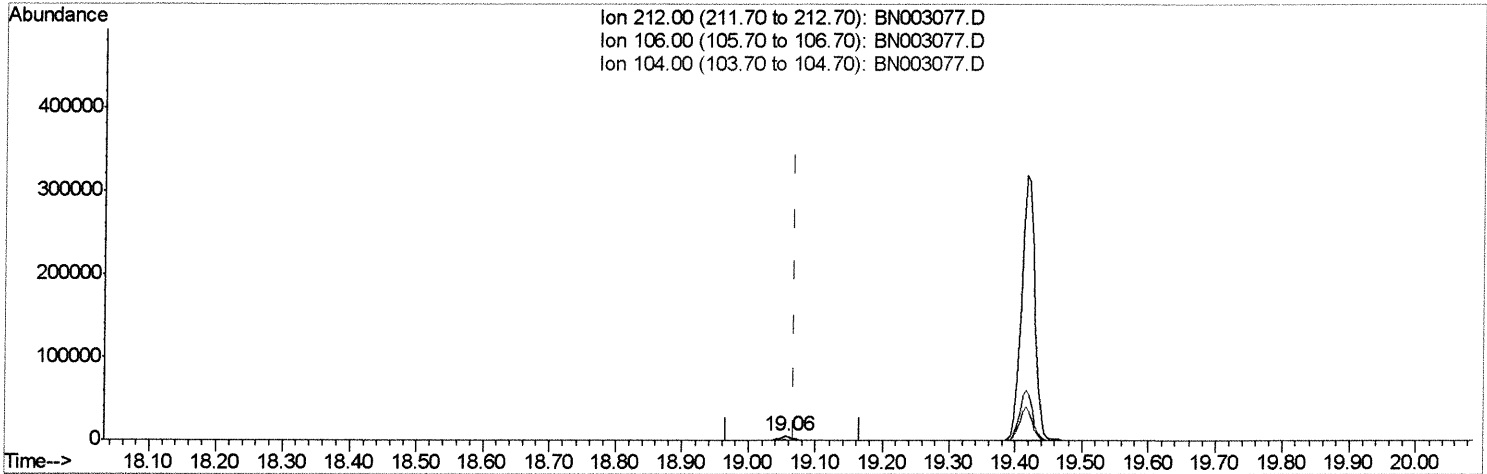
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TIC: BN003077.D

(14) Fluoranthene-d10 (SURR)

19.058min (-0.009) 0.35ng/ul m

response 6446

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

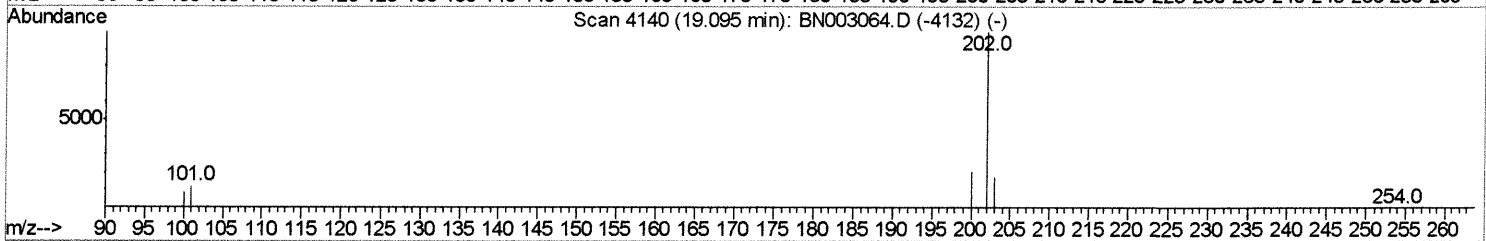
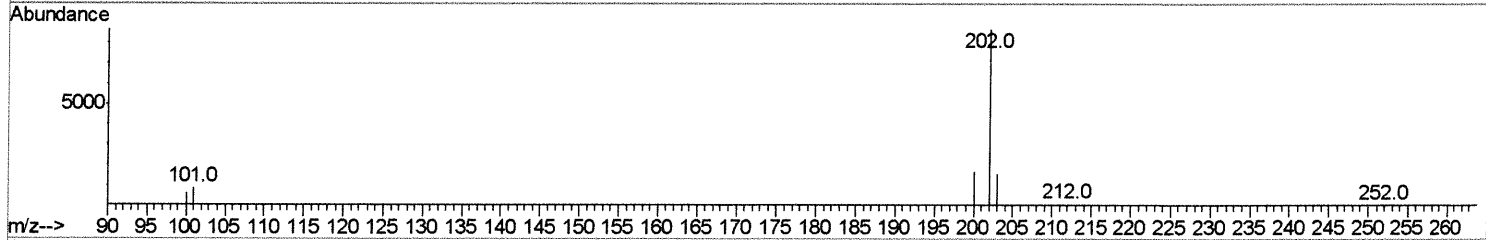
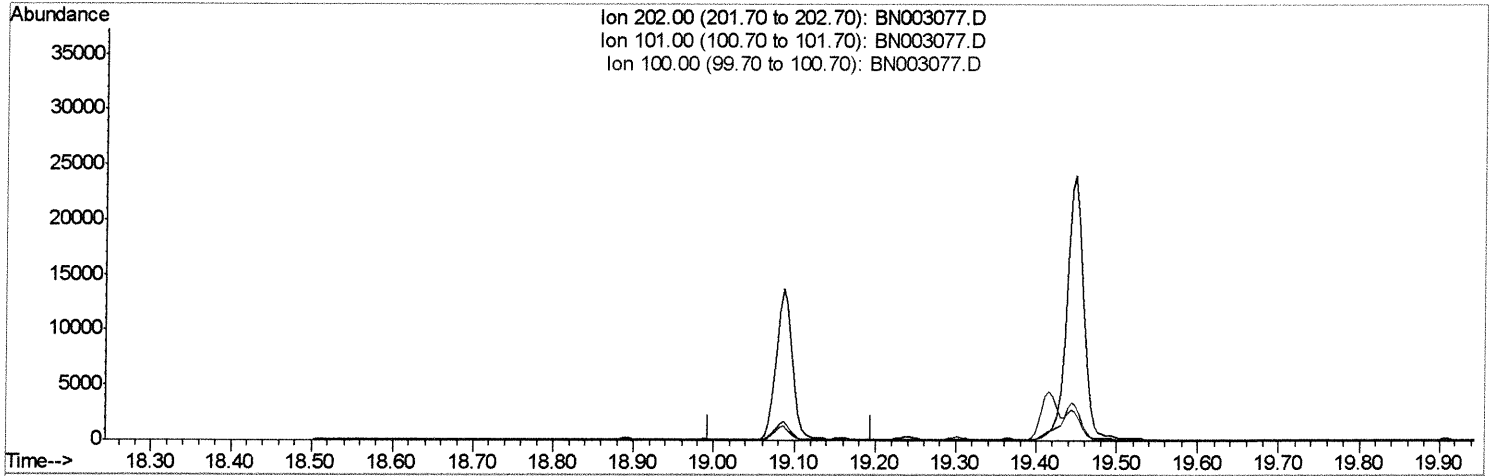
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(15) Fluoranthene (C)

19.095min (-19.095) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.30	0.00
100.00	9.10	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

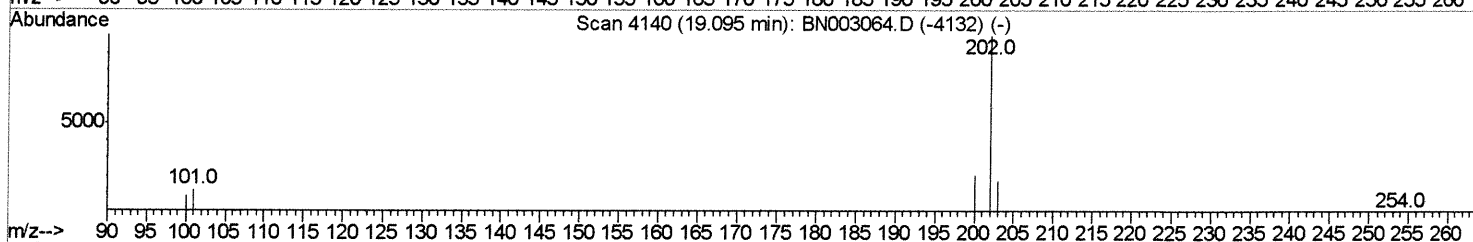
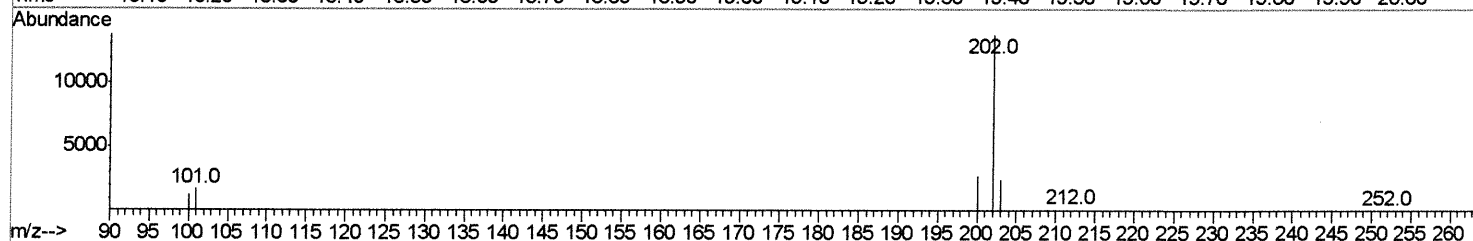
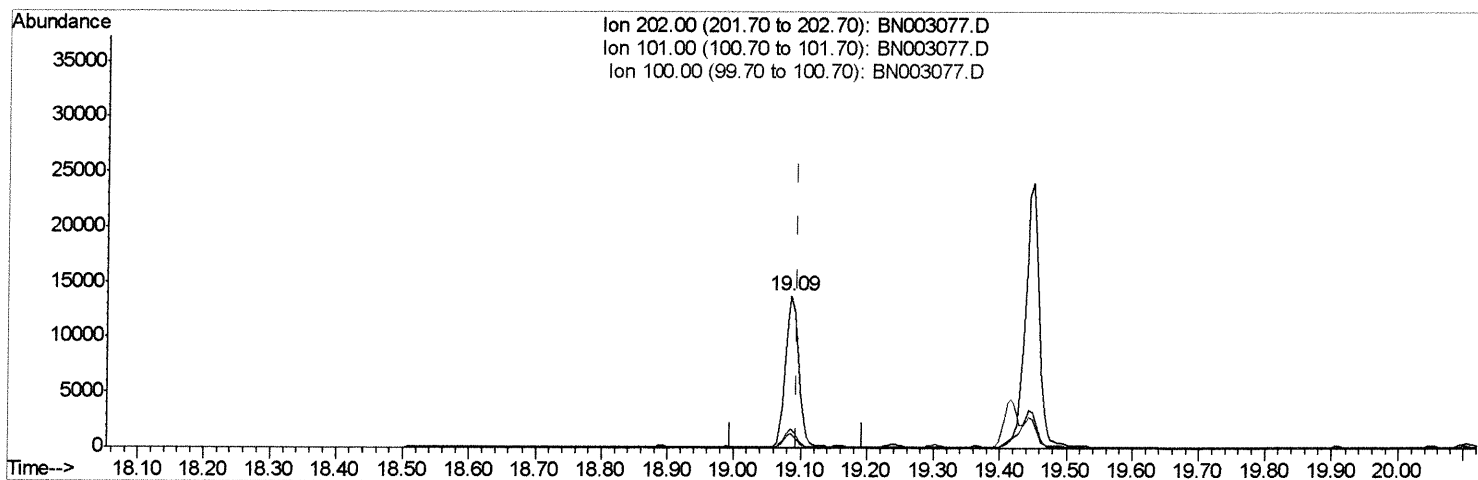
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(15) Fluoranthene (C)

19.085min (-0.009) 0.91ng/ul m

response 19007

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	12.35
100.00	9.10	9.38
0.00	0.00	0.00

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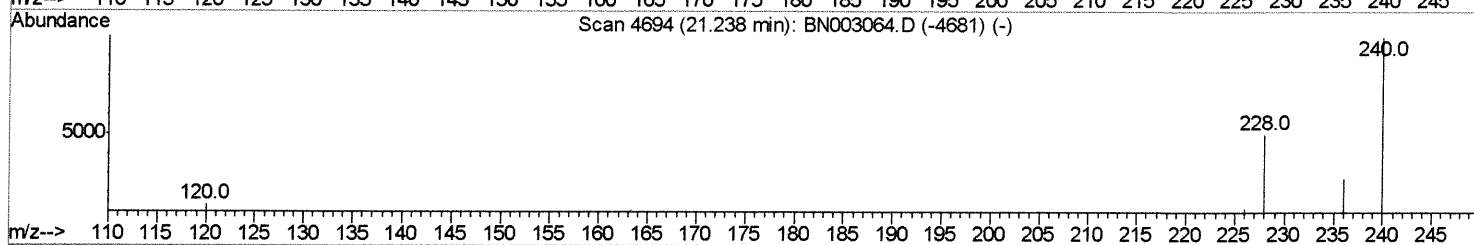
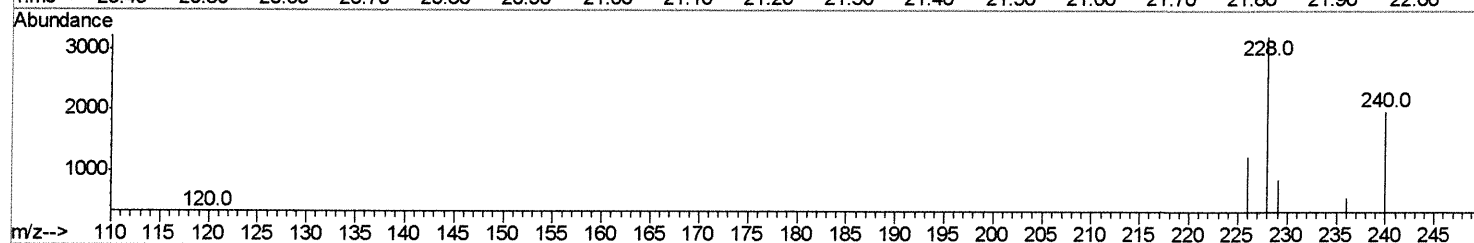
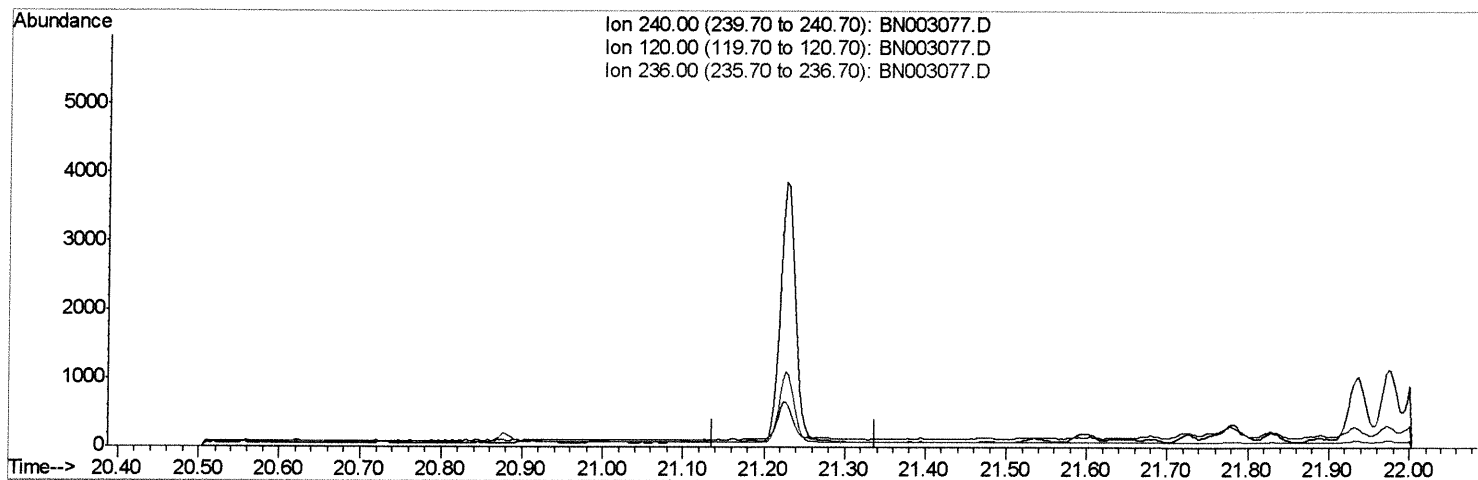
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(16) Chrysene-d12 (I)

21.238min (-21.238) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.40	0.00#
236.00	28.10	0.00#
0.00	0.00	0.00

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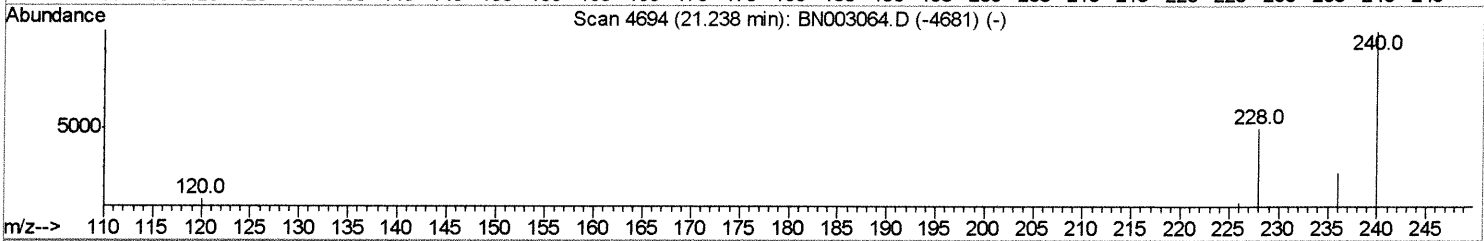
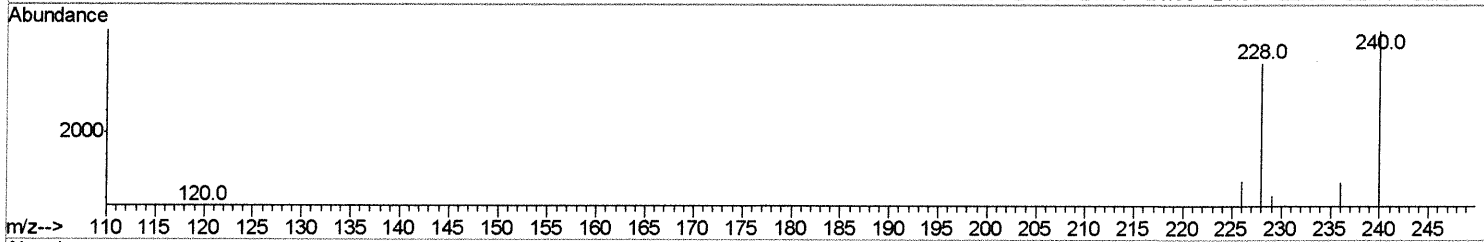
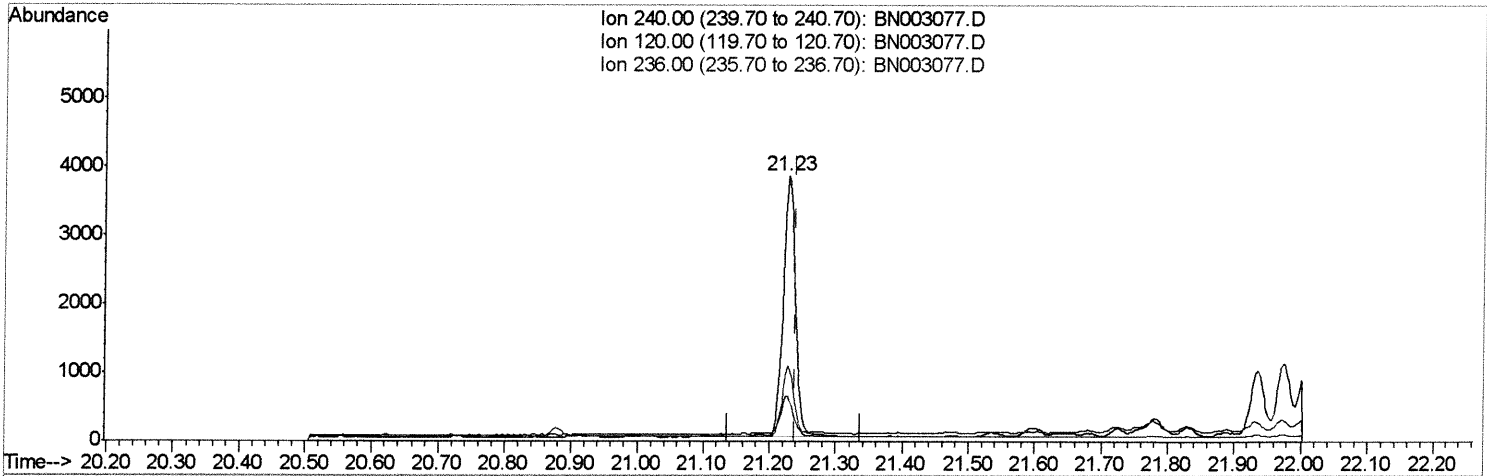
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(16) Chrysene-d12 (I)

21.226min (-0.012) 0.40ng/ul m

response 4864

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	17.40
236.00	28.10	28.51
0.00	0.00	0.00

Handwritten signature/initials

Quantitation Report (Qedit)

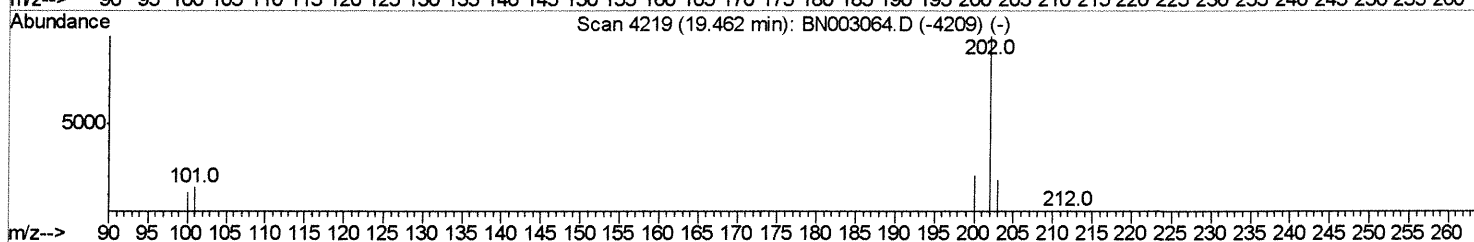
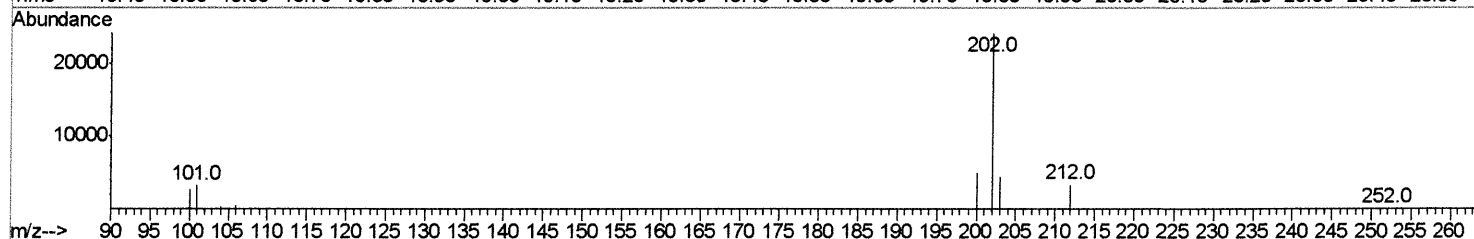
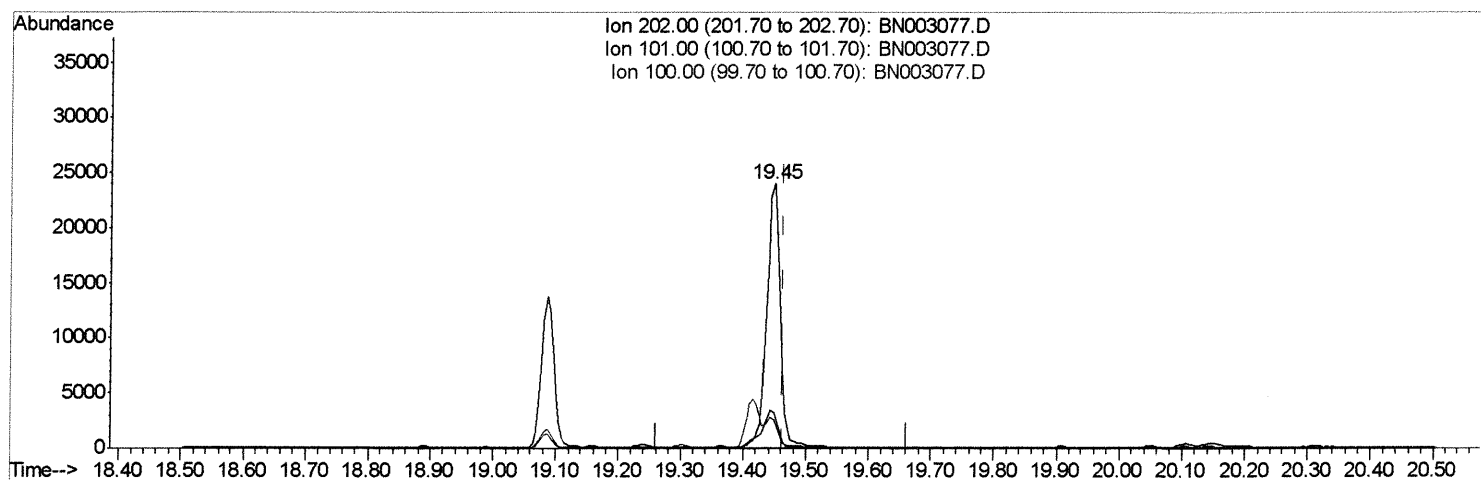
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



(17) Pyrene

19.448min (-0.014) 1.89ng/ul

response 35749

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	13.62
100.00	12.40	10.95
0.00	0.00	0.00

Quantitation Report (Qedit)

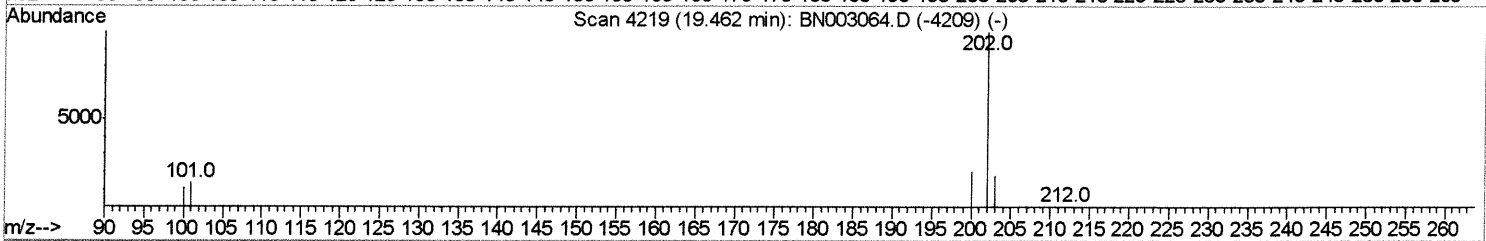
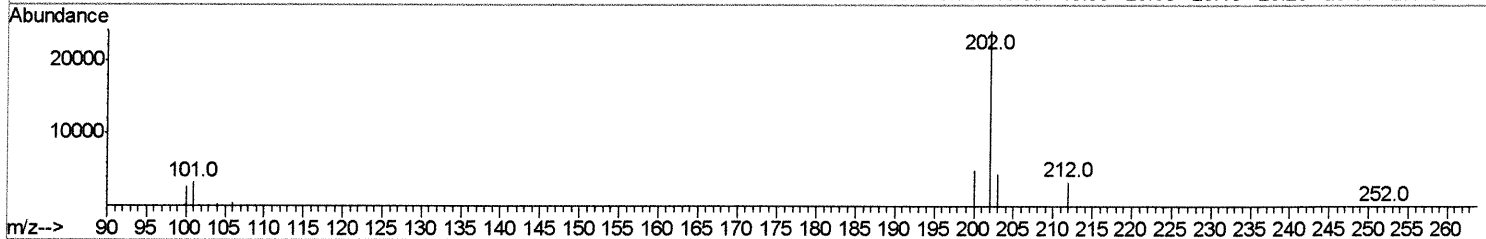
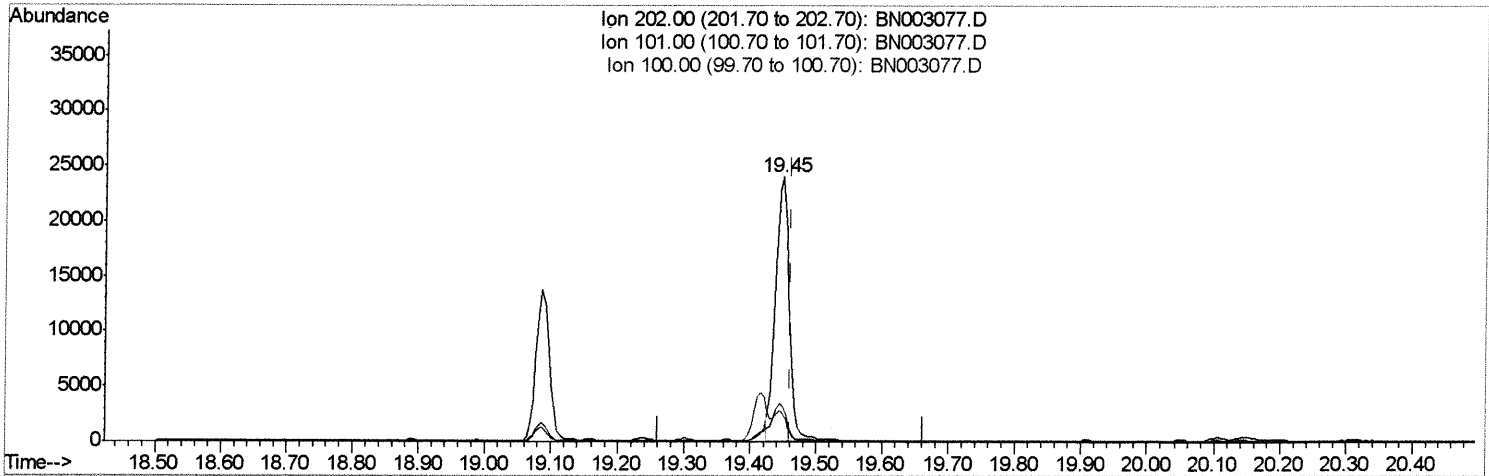
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
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 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003077.D

(17) Pyrene

19.448min (-0.014) 1.81ng/ul m

response 34169

Ion	Exp%	Act%
202.00	100	100
101.00	14.90	13.62
100.00	12.40	10.95
0.00	0.00	0.00

Quantitation Report (Qedit)

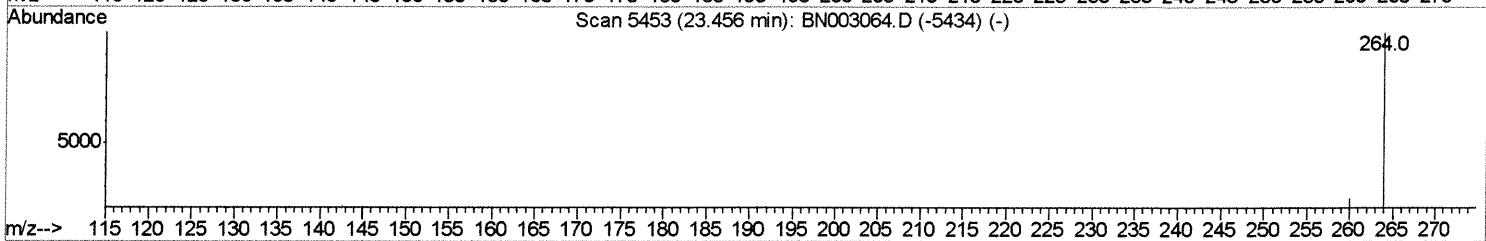
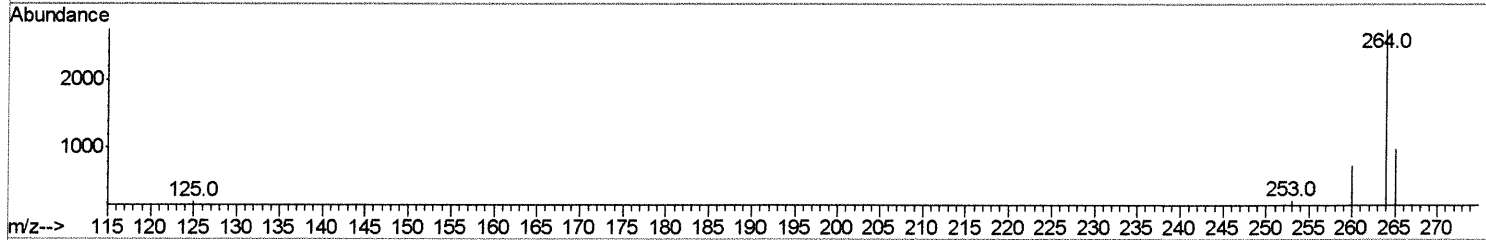
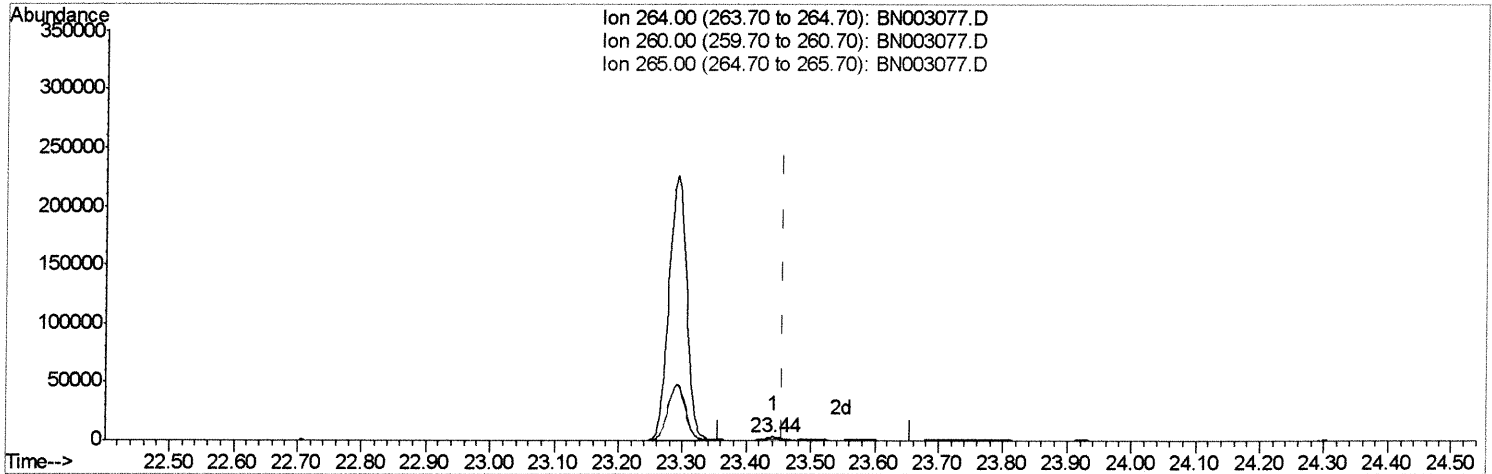
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 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003077.D

(20) Perylene-d12 (I)
 23.441min (-0.015) 0.40ng/ul
 response 5399

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	26.87
265.00	45.40	36.44
0.00	0.00	0.00

Quantitation Report (Qedit)

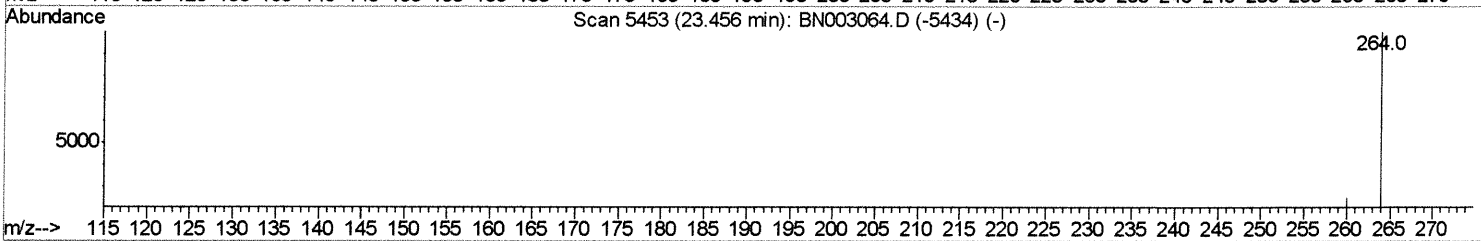
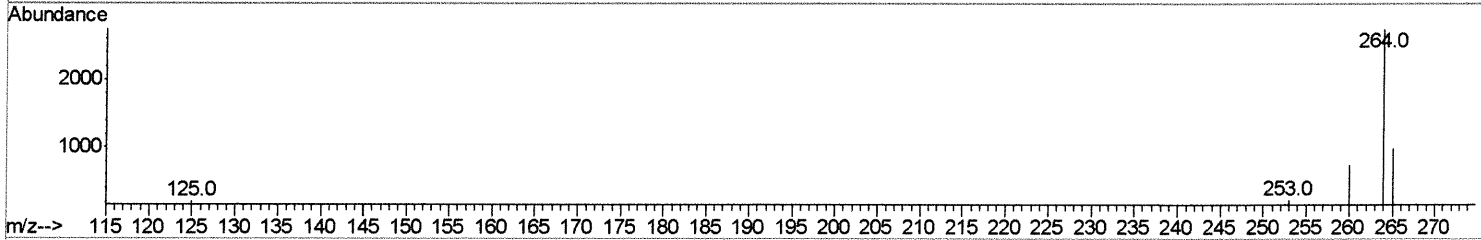
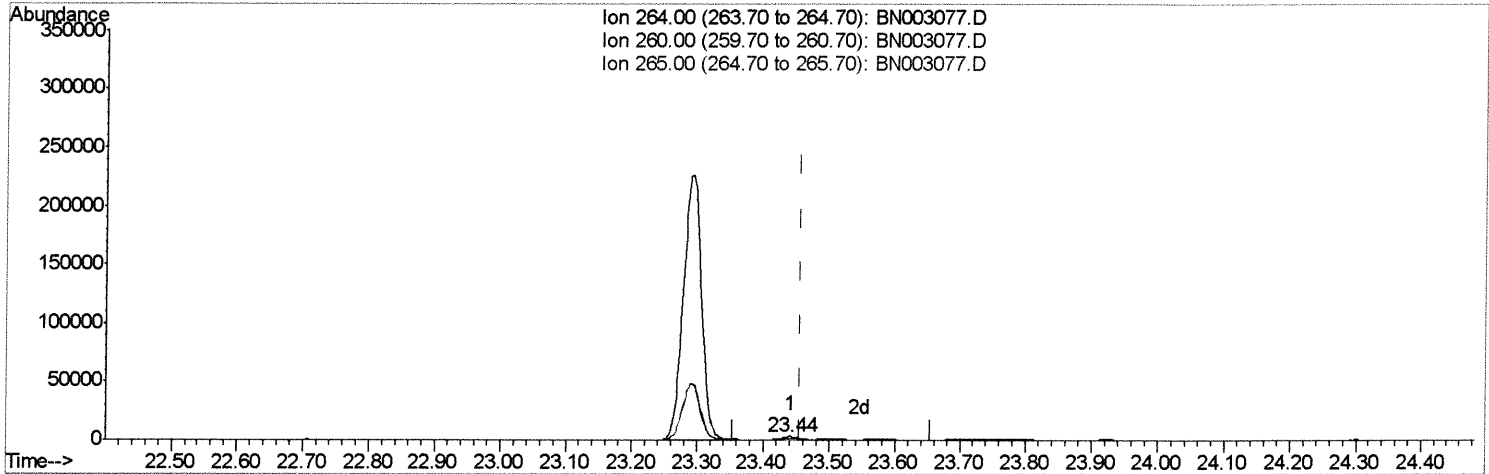
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 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003077.D

(20) Perylene-d12 (I)

23.441min (-0.015) 0.40ng/ul m

response 4706

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	26.87
265.00	45.40	36.44
0.00	0.00	0.00

Quantitation Report (Qedit)

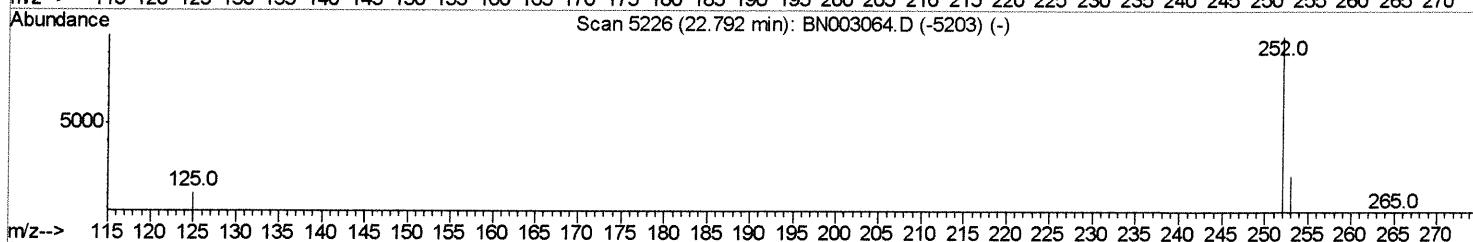
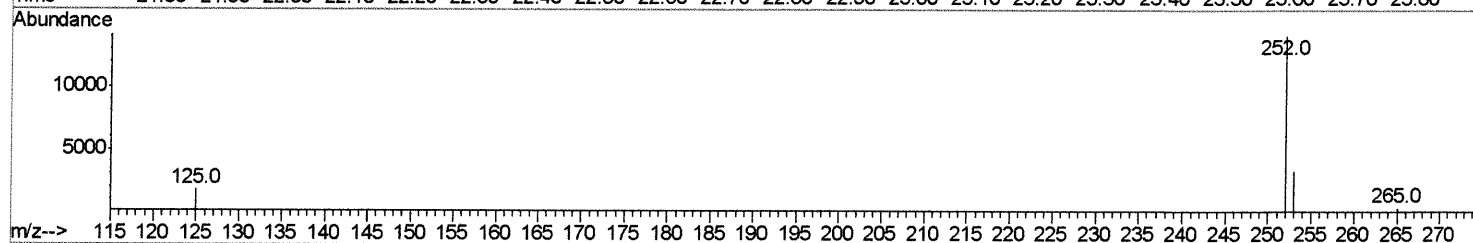
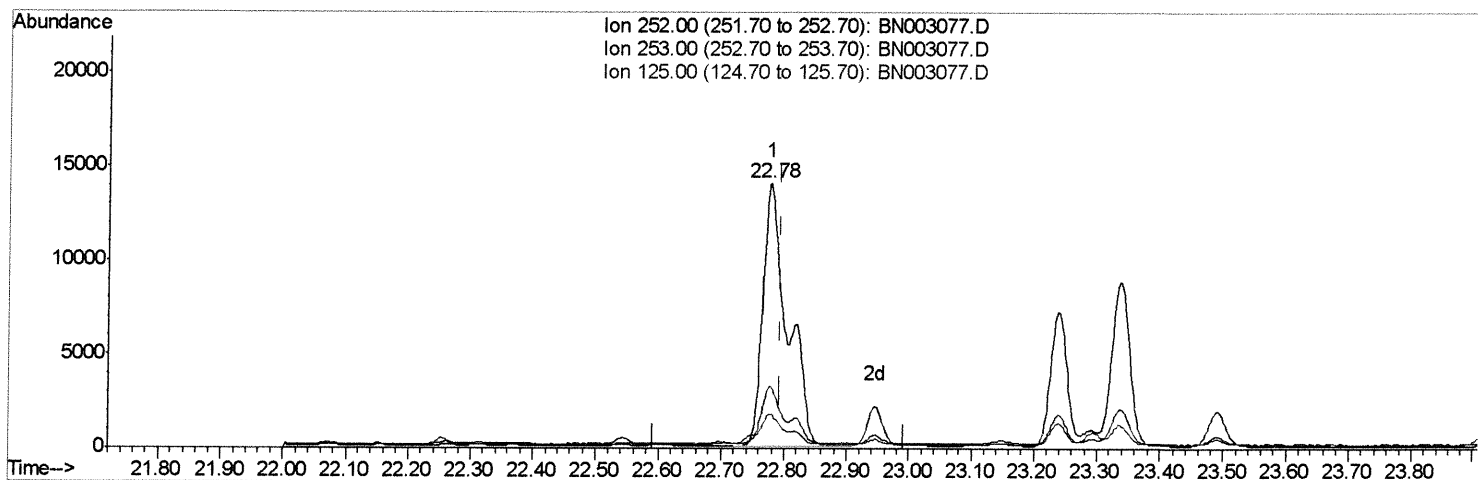
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003077.D

(21) Benzo(b)fluoranthene

22.778min (-0.015) 2.25ng/ul

response 38193

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.61
125.00	17.10	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

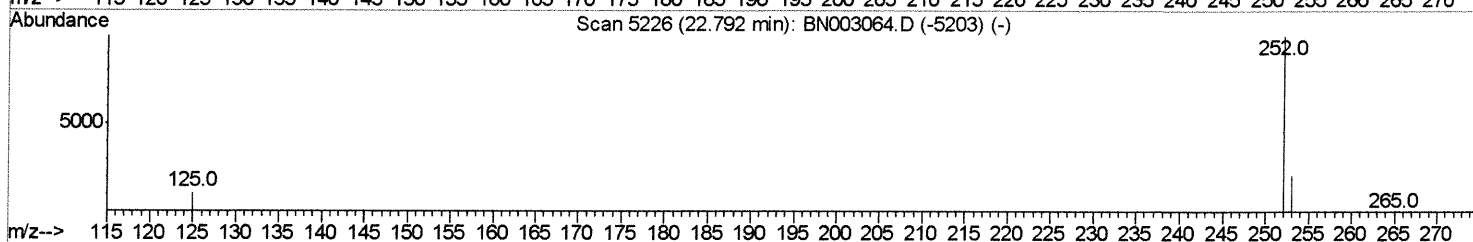
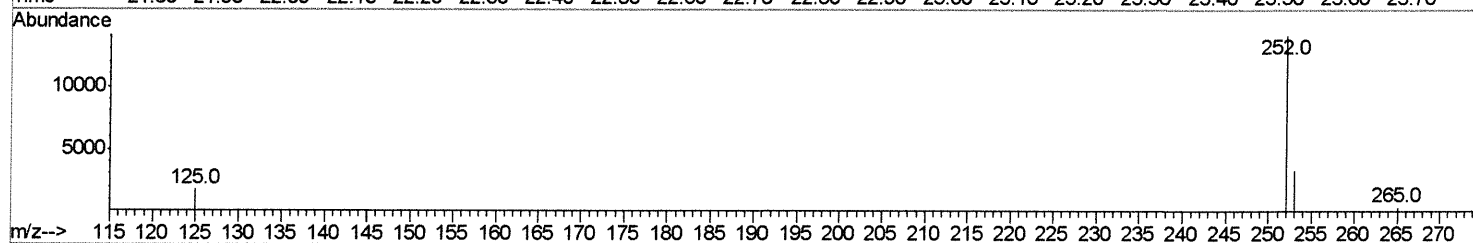
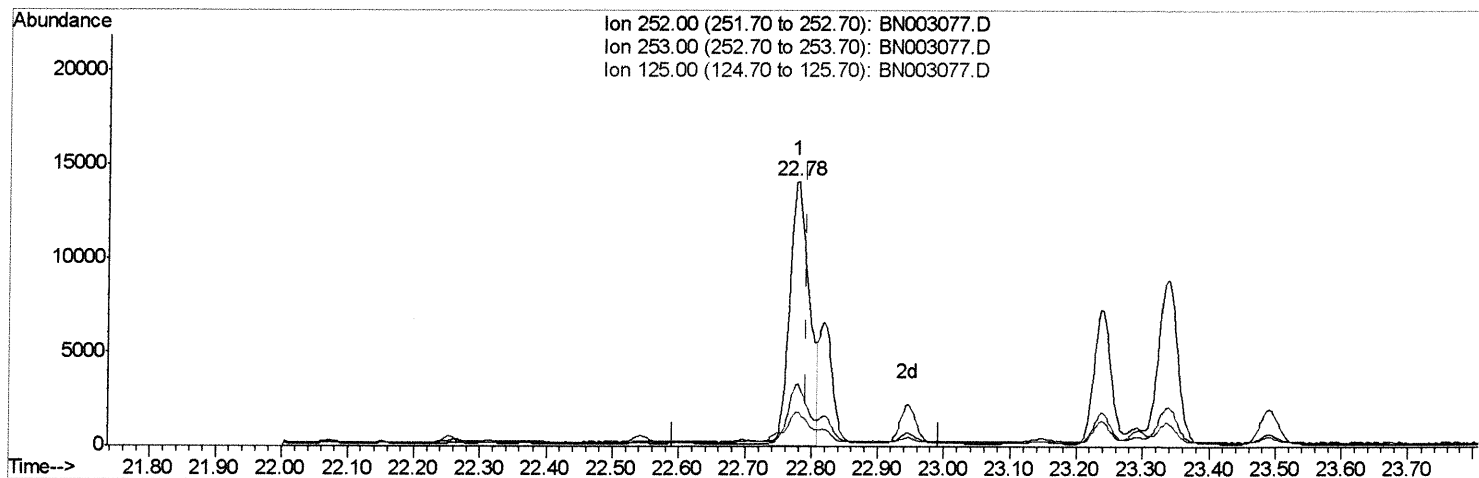
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Data File : BN003077.D
Acq On : 10 Oct 2018 22:52
Operator : MJ/SJ
Sample : J5157-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003077.D

(21) Benzo(b)fluoranthene

22.778min (-0.015) 1.71ng/ul m

response 29023

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.61
125.00	17.10	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

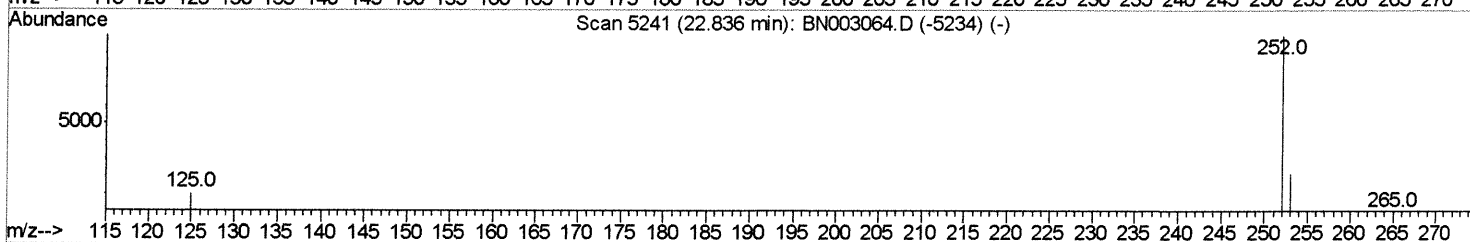
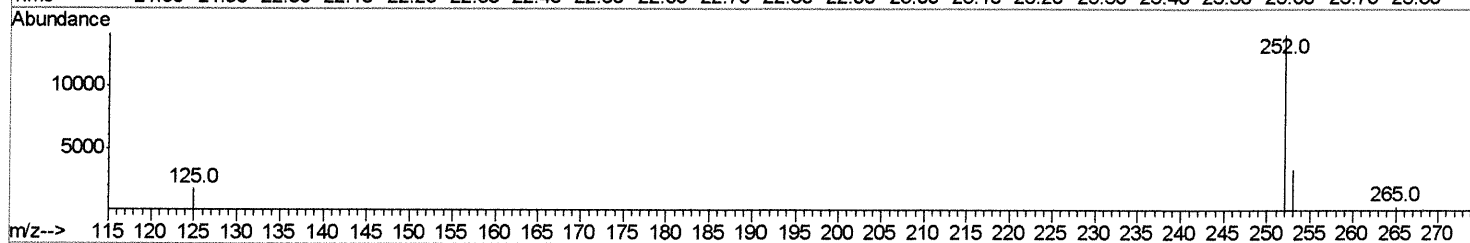
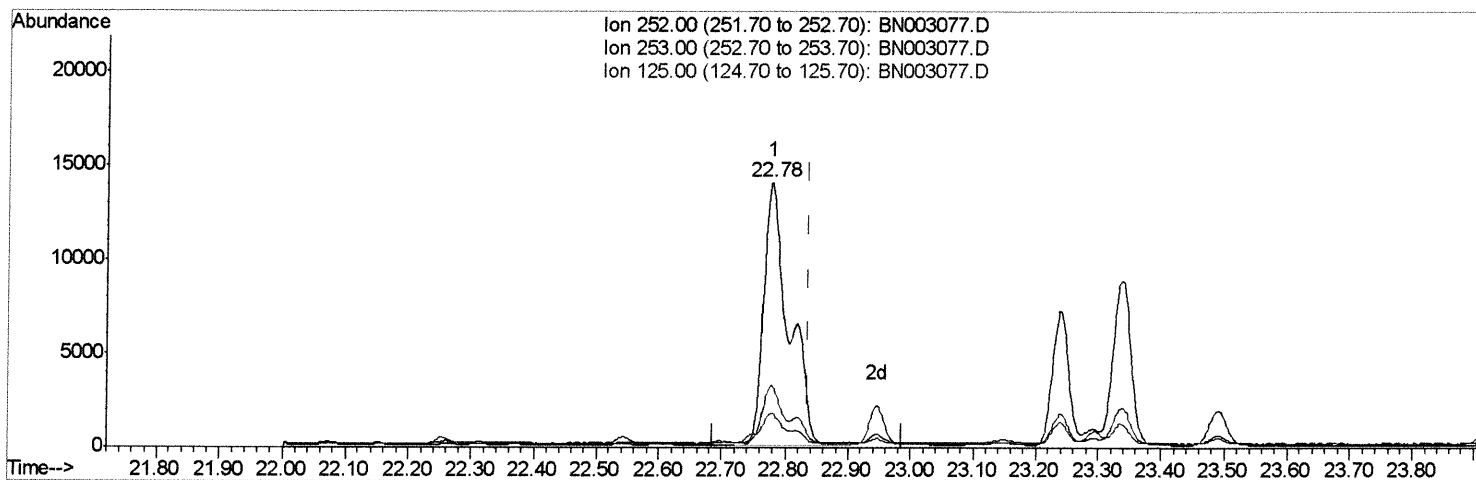
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
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Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration



TIC: BN003077.D

(22) Benzo(k)fluoranthene
 22.778min (-0.059) 2.17ng/ul
 response 38186

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.61
125.00	17.60	12.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

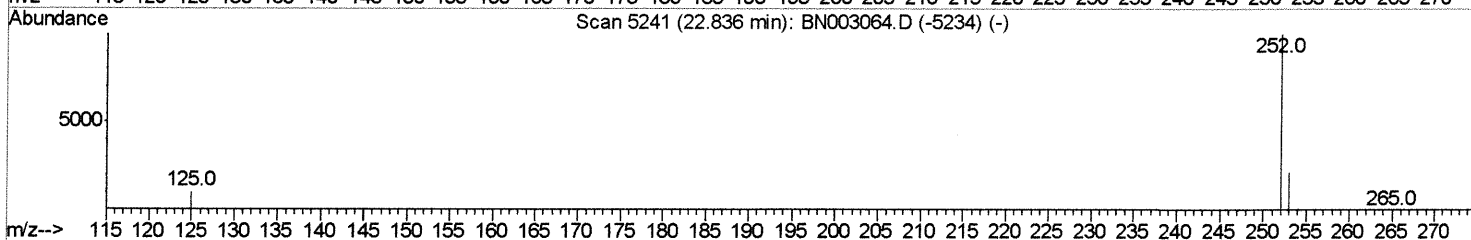
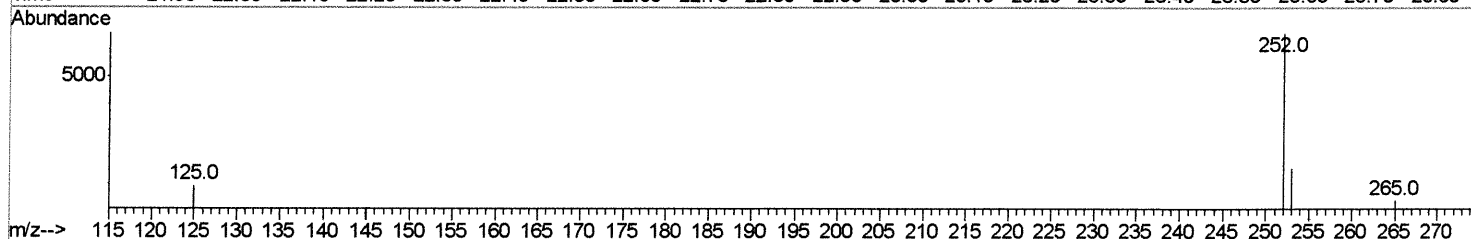
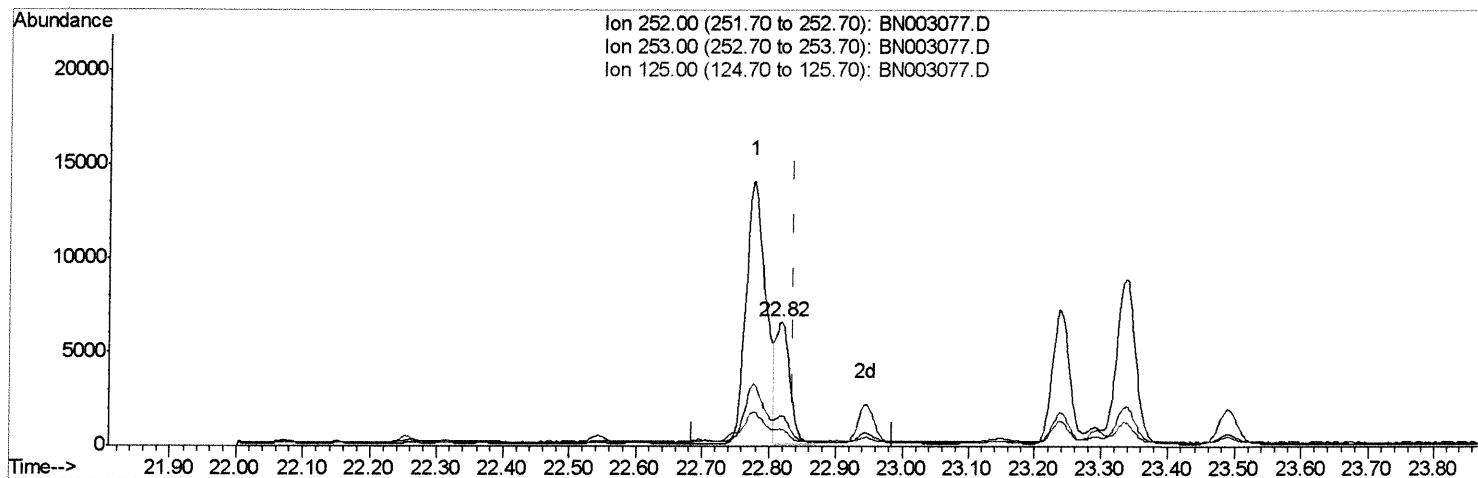
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
Data File : BN003077.D
Acq On : 10 Oct 2018 22:52
Operator : MJ/SJ
Sample : J5157-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD8

Manual Integrations
APPROVED

Sohil
10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:08:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 07:04:52 2018
Response via : Initial Calibration



TIC: BN003077.D

(22) Benzo(k)fluoranthene

22.819min (-0.018) 0.52ng/ul m

response 9223

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.26
125.00	17.60	13.93#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101118\
 Data File : BN003077.D
 Acq On : 10 Oct 2018 22:52
 Operator : MJ/SJ
 Sample : J5157-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Sohil
 10/11/2018 5:45:48 PM

Quant Time: Oct 11 08:09:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 07:04:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) 1,4-Dichlorobenzene-d4	7.63	152	1628	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6474	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3438	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6376m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	4864m	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4706m	0.40	ng/ul	-0.01

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.01	152	3784	0.38	ng/ul	-0.01
14) Fluoranthene-d10	19.06	212	6446m	0.35	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	1472	0.089	ng/ul#	90
7) Acenaphthylene	13.98	152	1993	0.127	ng/ul#	94
8) Acenaphthene	14.32	153	256	0.021	ng/ul#	88
9) Fluorene	15.32	166	297	0.022	ng/ul#	87
12) Phenanthrene	17.06	178	1215m	0.068	ng/ul	
13) Anthracene	17.15	178	2550m	0.152	ng/ul	
15) Fluoranthene	19.09	202	19007m	0.912	ng/ul	
17) Pyrene	19.45	202	34169m	1.809	ng/ul	
18) Benzo(a)anthracene	21.21	228	10753	0.687	ng/ul	97
19) Chrysene	21.26	228	22326	1.405	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	29023m	1.712	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	9223m	0.525	ng/ul	
23) Benzo(a)pyrene	23.34	252	17594	1.158	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.66	276	9797	0.561	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.65	278	2817	0.202	ng/ul#	90
26) Benzo(a,h,i)perylene	26.34	276	7634	0.519	ng/ul	97

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