

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (QT Reviewed)

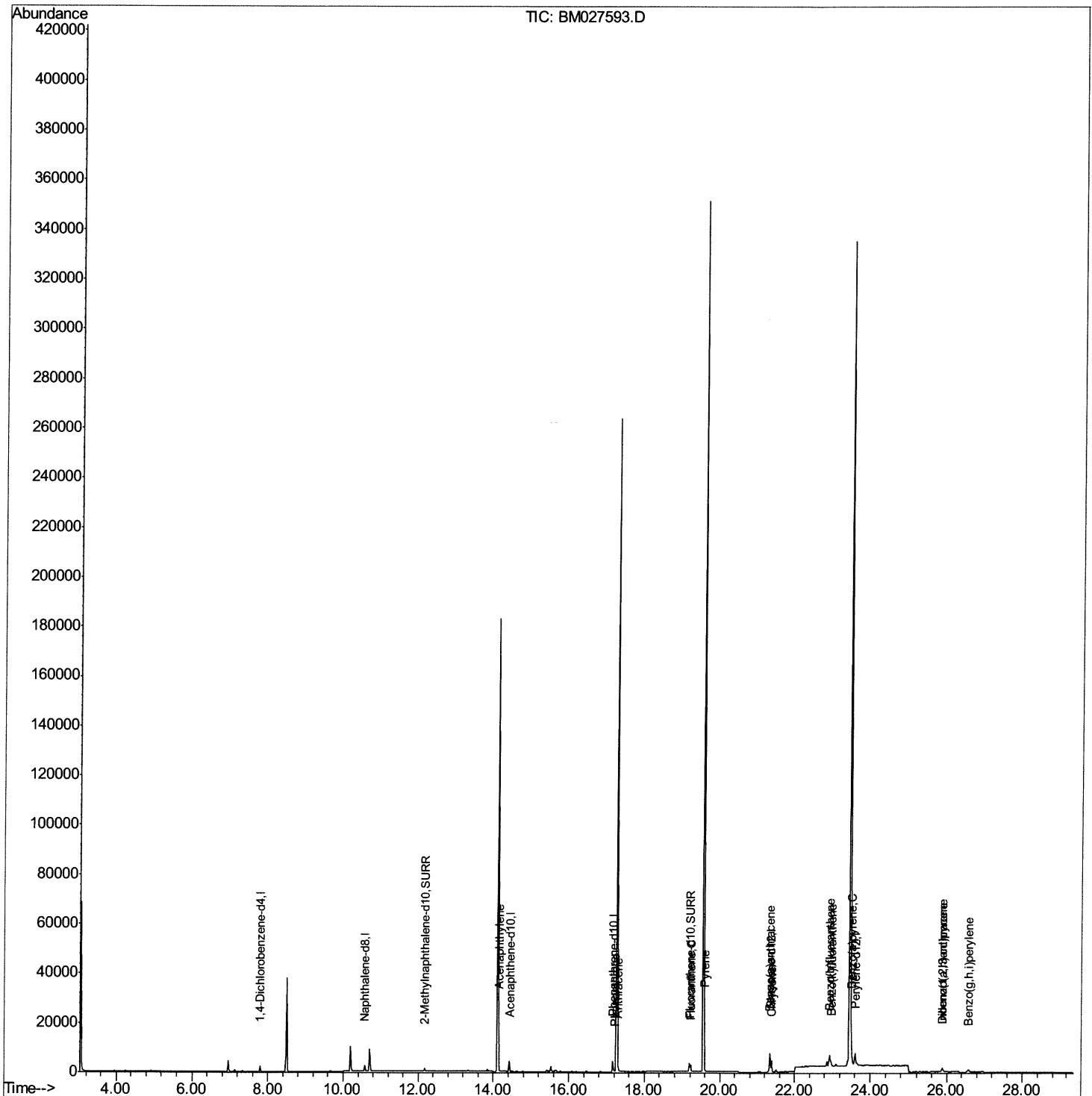
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:36:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

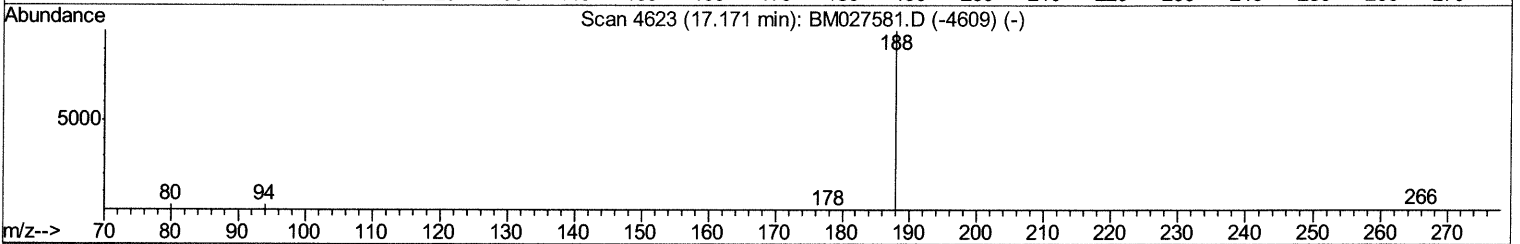
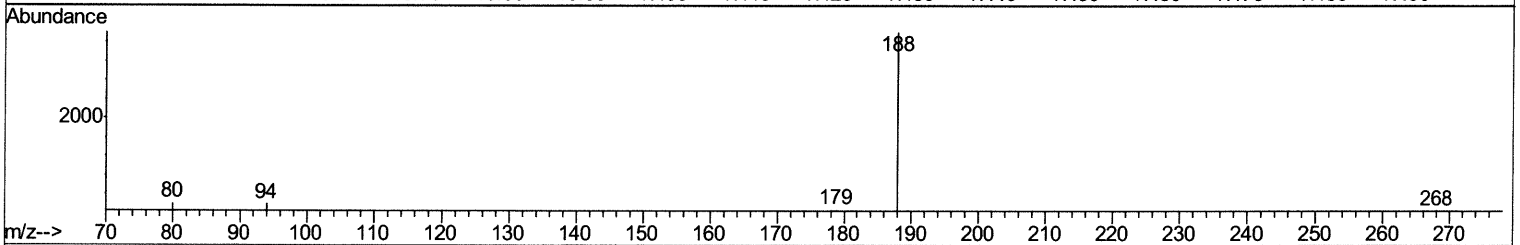
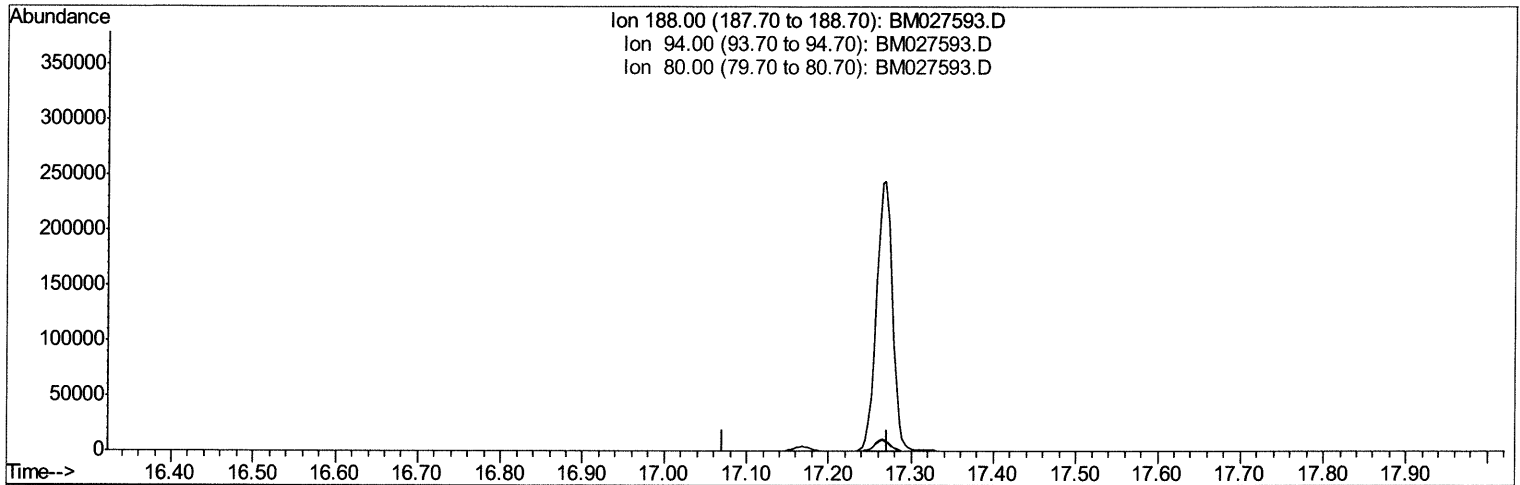
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 01:38:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(10) Phenanthrene-d10 (I)
17.171min (-17.171) 0.00ng/ul
response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	5.20	0.00#
80.00	6.20	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

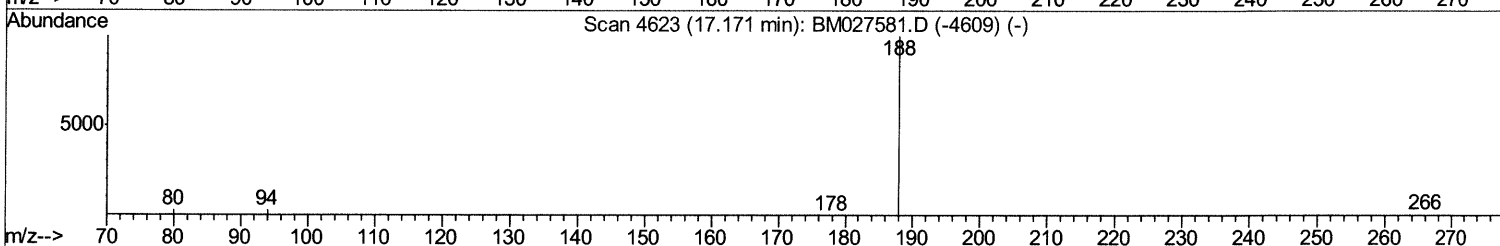
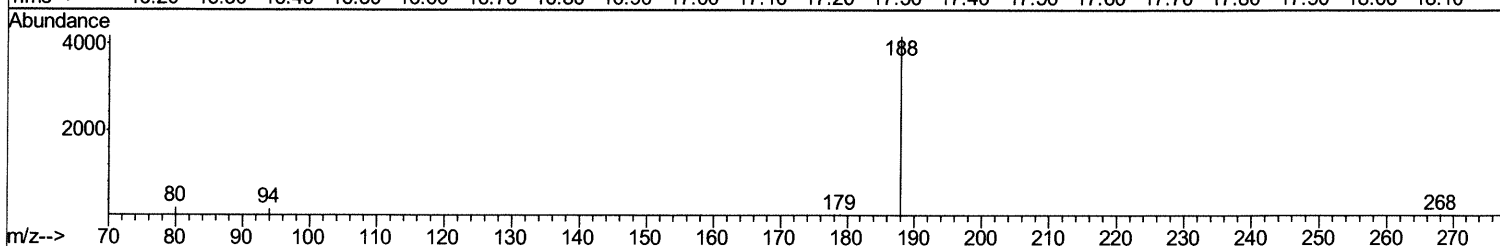
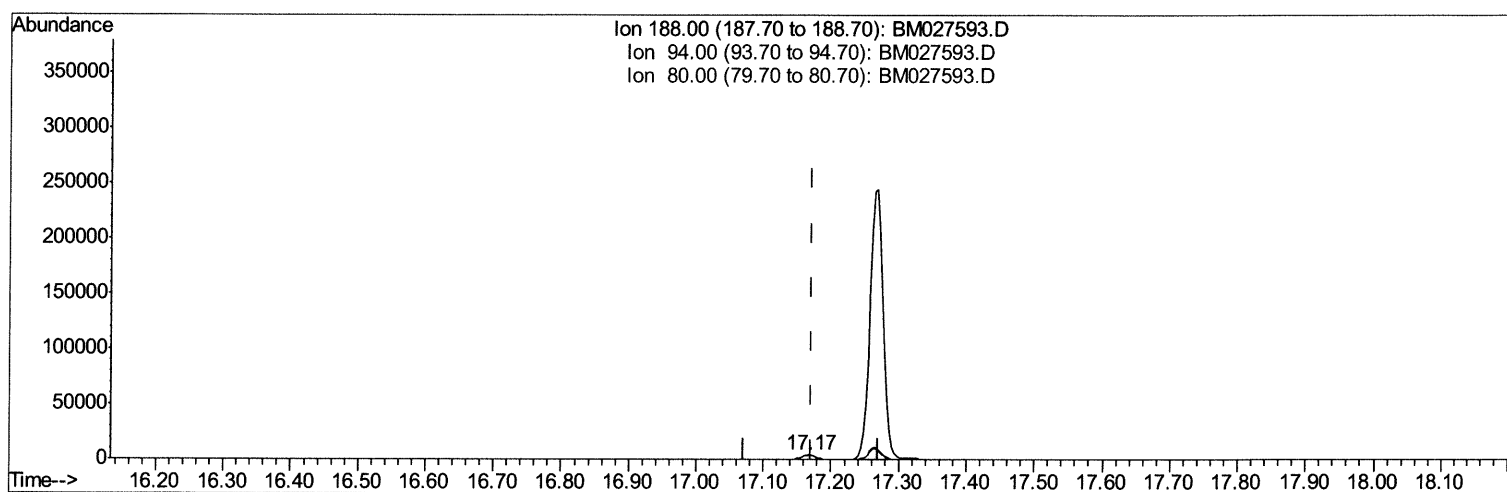
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 01:38:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(10) Phenanthrene-d10 (I)

17.168min (-0.003) 0.40ng/ul m 10/06/20 JU

response 5673

Ion	Exp%	Act%
188.00	100	100
94.00	5.20	4.77
80.00	6.20	5.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

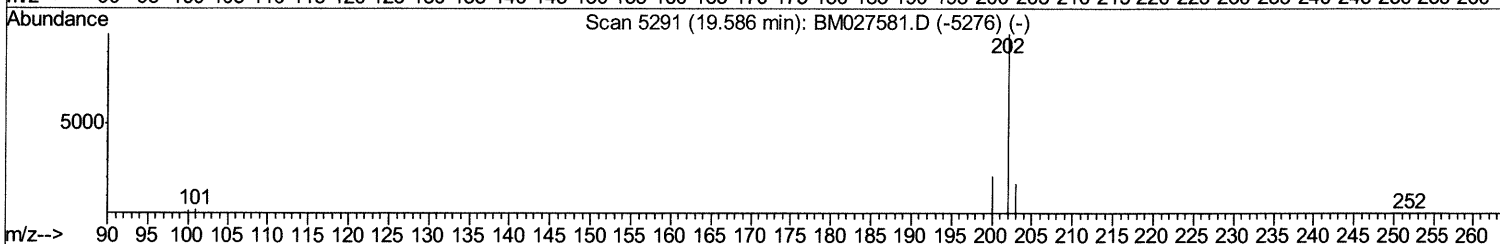
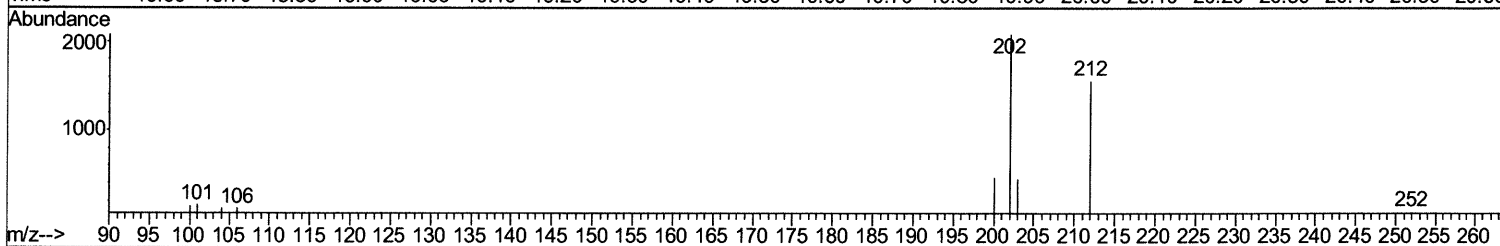
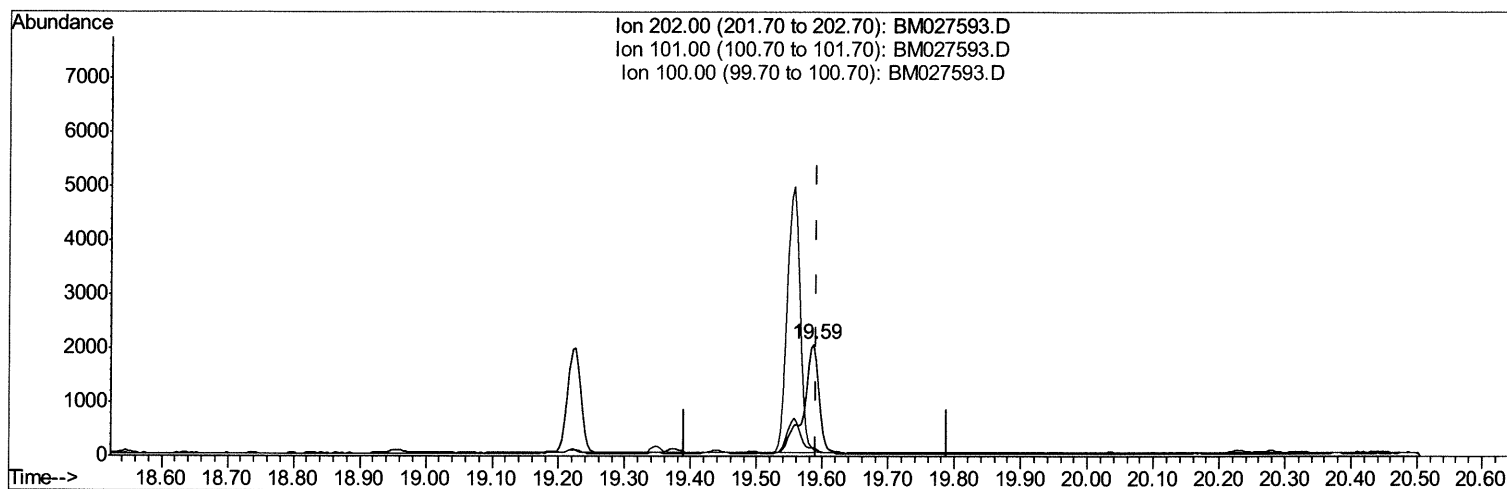
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(17) Pyrene

19.587min (-0.004) 0.12ng/ul

response 3403

Ion	Exp%	Act%
202.00	100	100
101.00	5.90	7.31#
100.00	4.90	7.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

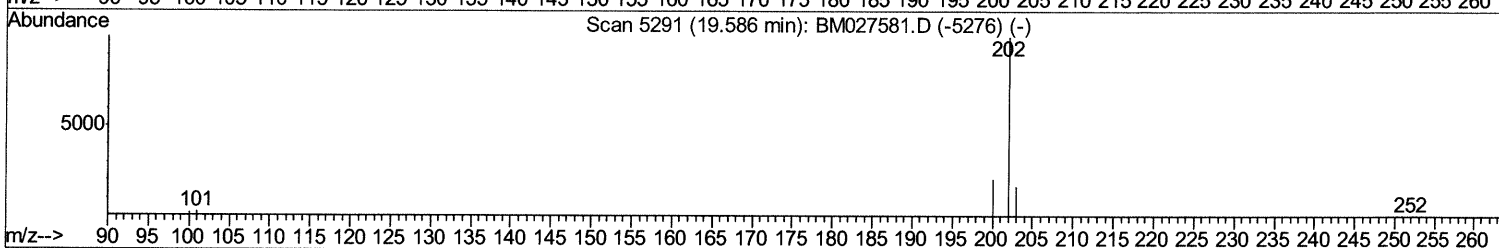
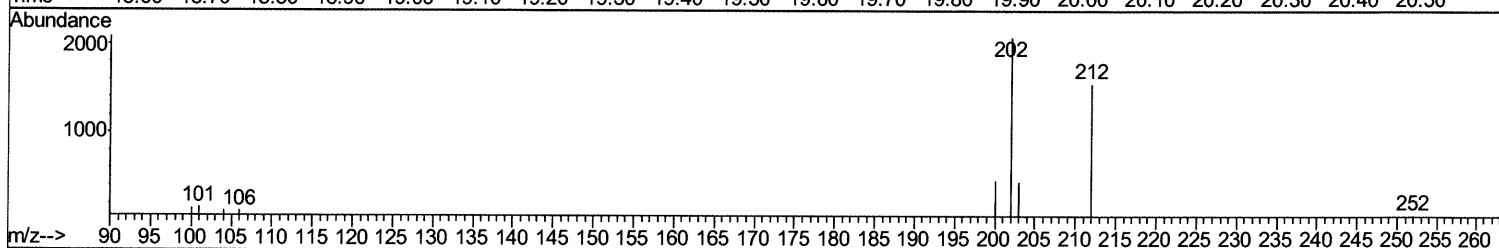
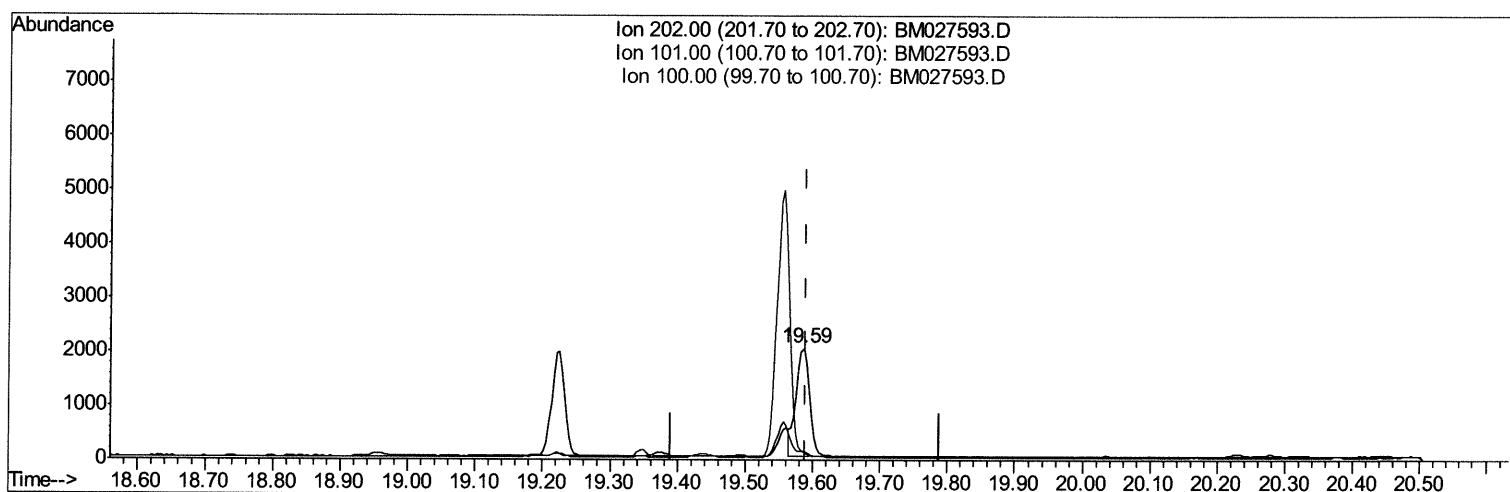
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(17) Pyrene

19.587min (-0.004) 0.10ng/ul m 10/06/2024

response 2810

Ion	Exp%	Act%
202.00	100	100
101.00	5.90	7.31#
100.00	4.90	7.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

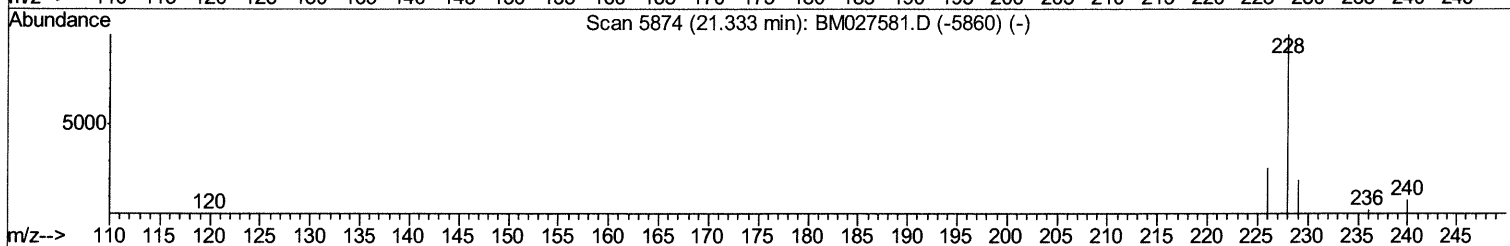
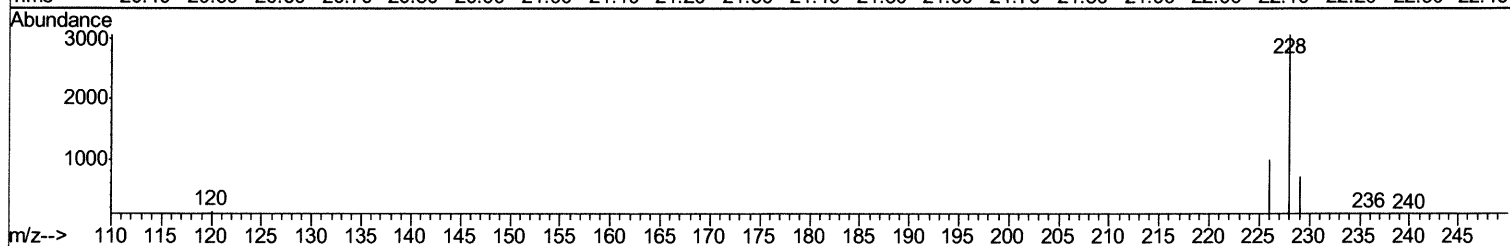
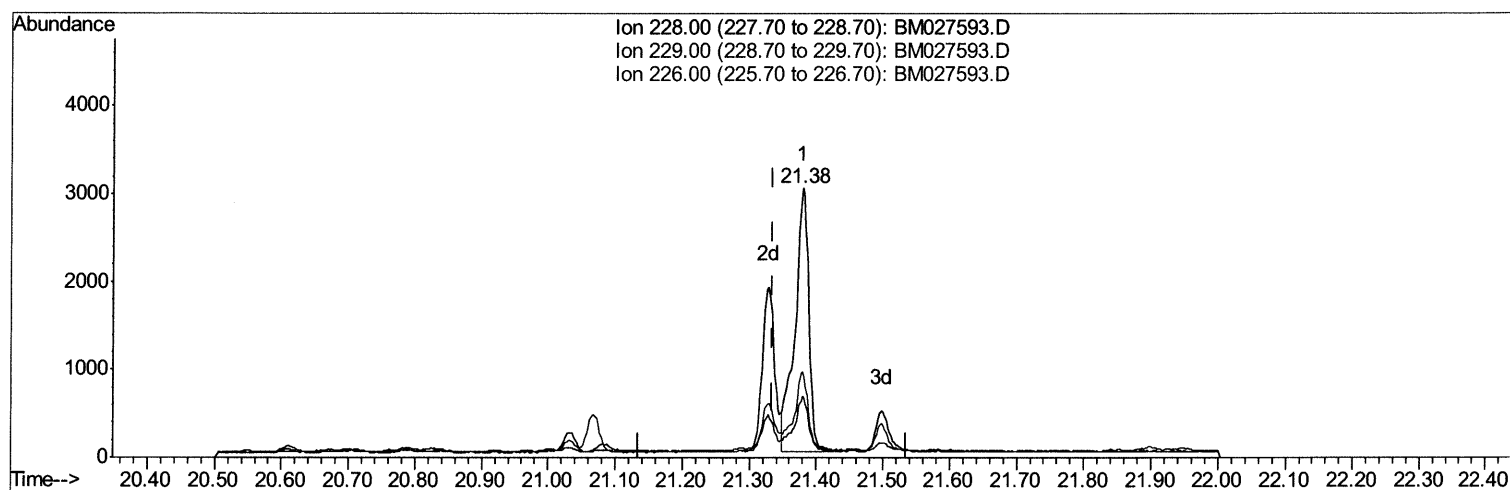
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(18) Benzo(a)anthracene

21.379min (+0.044) 0.18ng/ul

response 4430

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.84
226.00	27.30	32.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

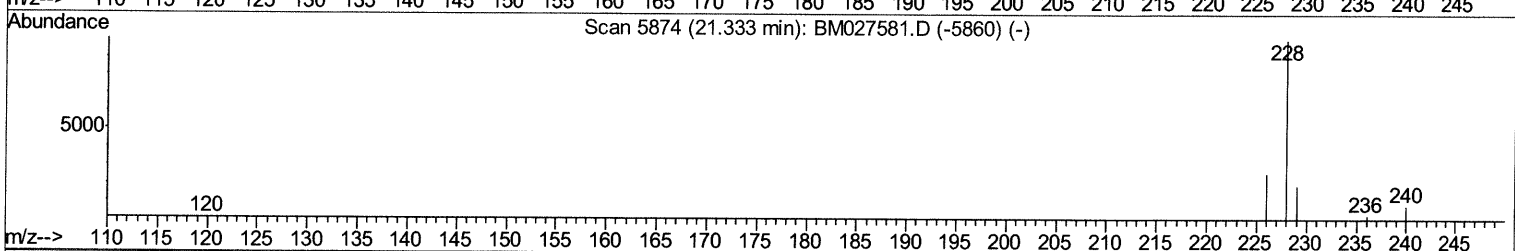
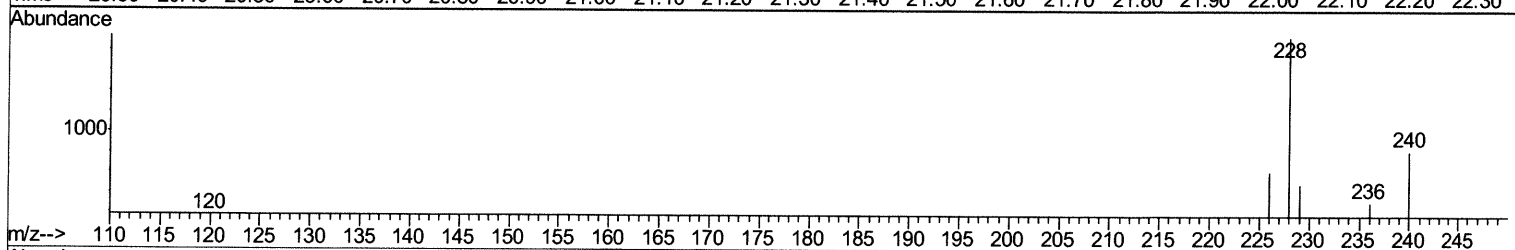
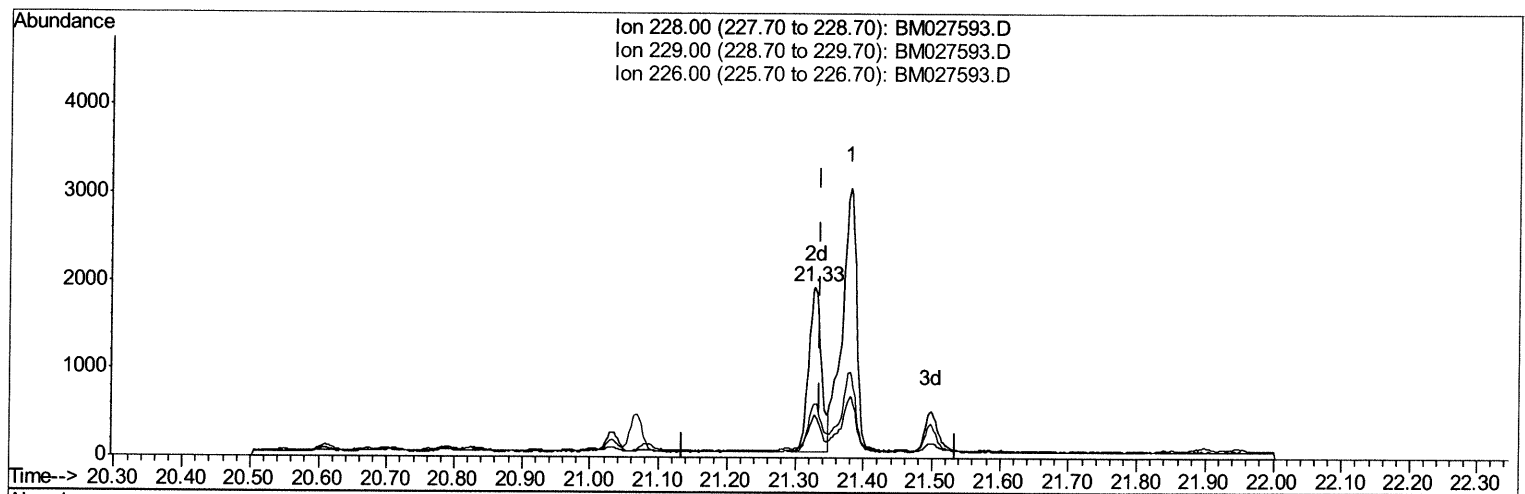
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(18) Benzo(a)anthracene

21.328min (-0.007) 0.10ng/ul m 10/06/20 JU

response 2417

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	25.23#
226.00	27.30	31.62
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

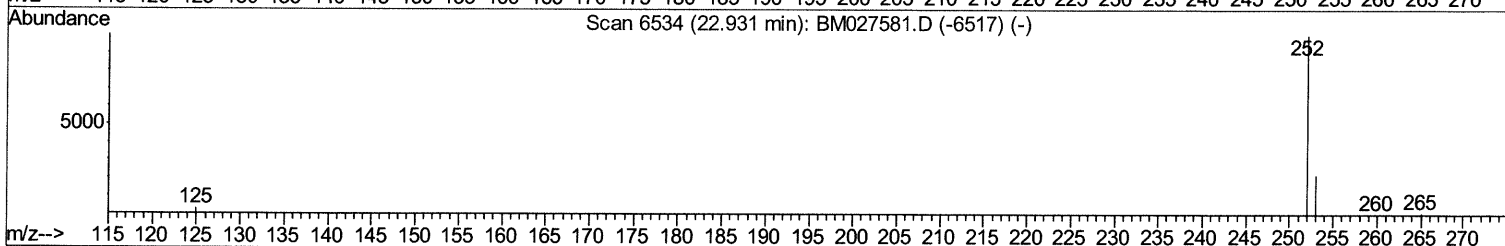
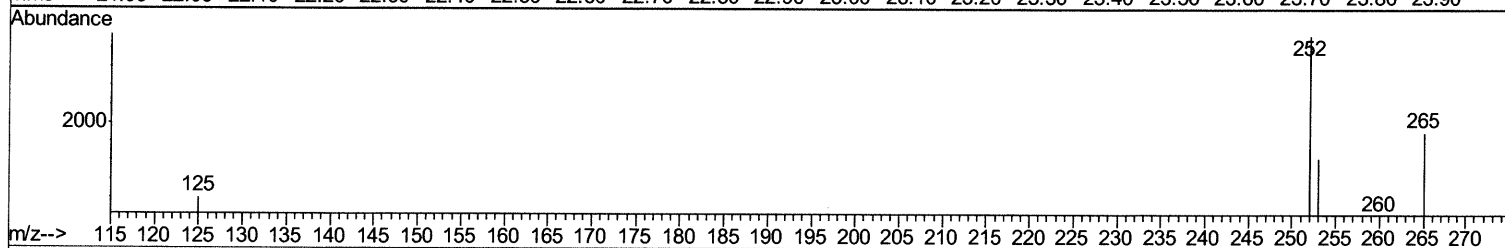
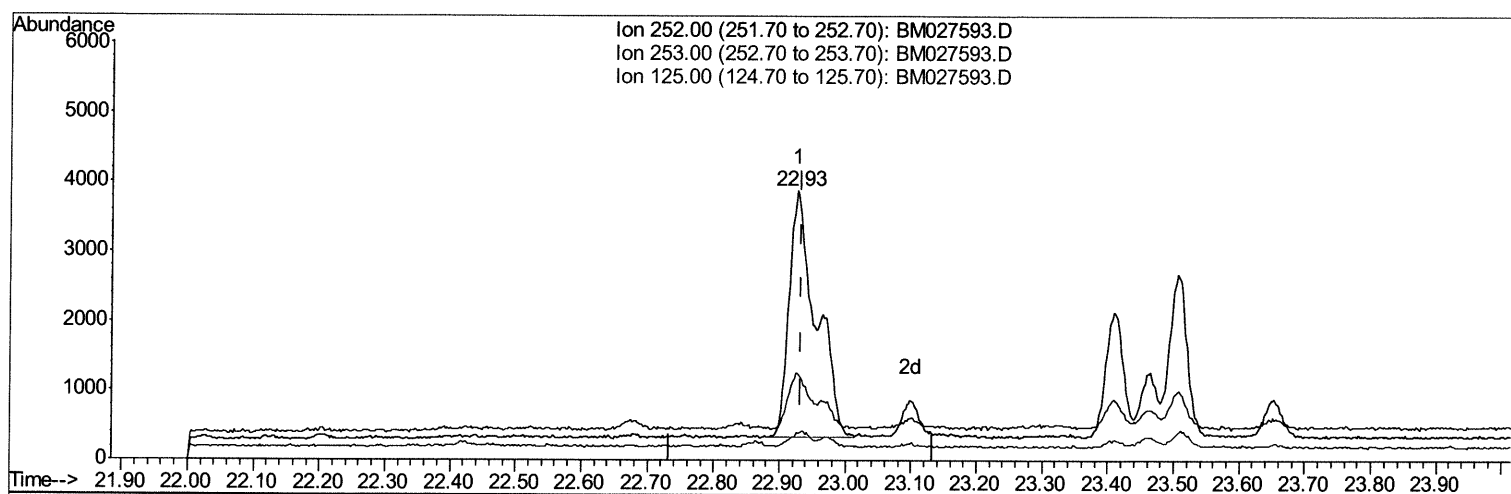
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM027593.D

(21) Benzo(b)fluoranthene
22.926min (-0.007) 0.37ng/ui
response 10148

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	32.27
125.00	5.30	10.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

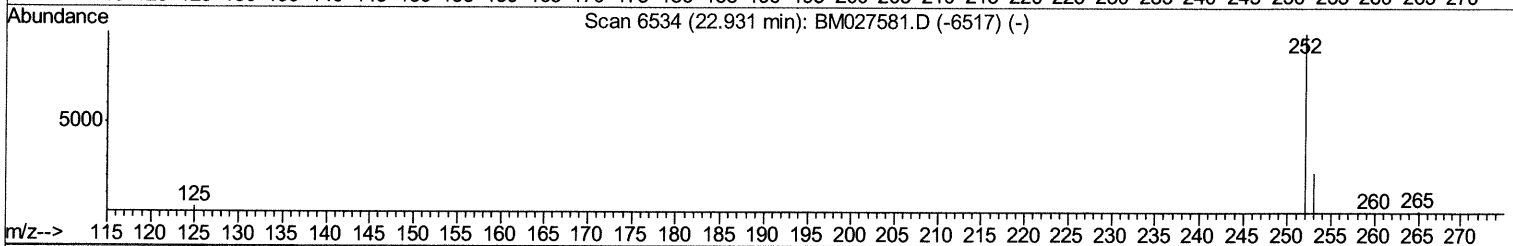
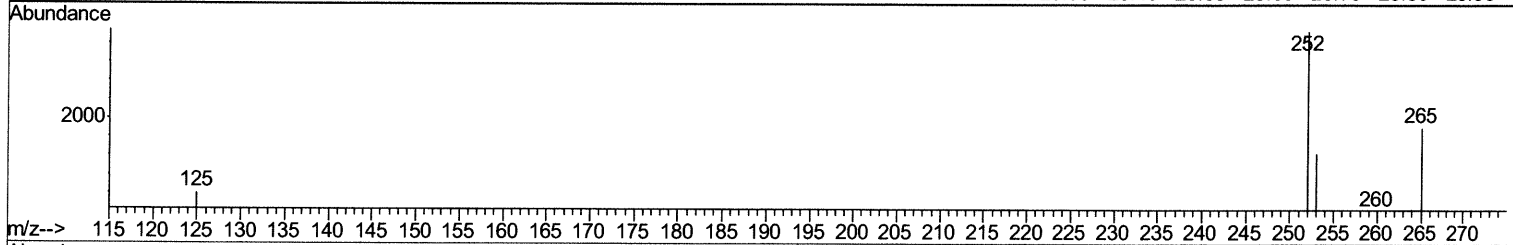
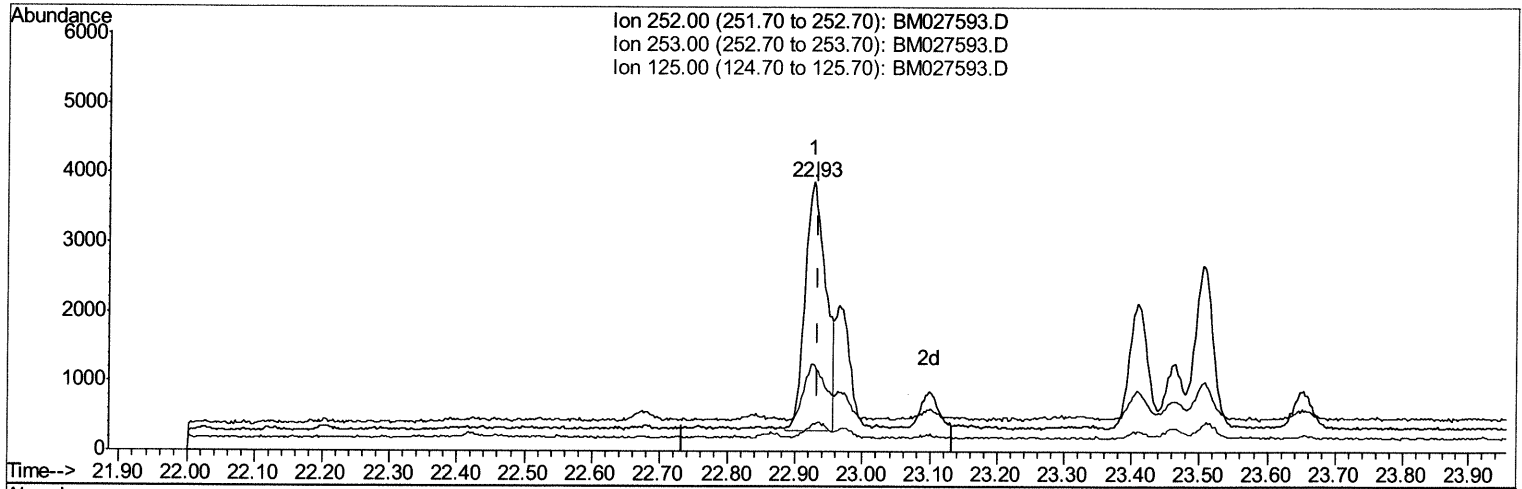
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(21) Benzo(b)fluoranthene

22.926min (-0.007) 0.28ng/ul m 10/06/20 JU

response 7588

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	32.27
125.00	5.30	10.35
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

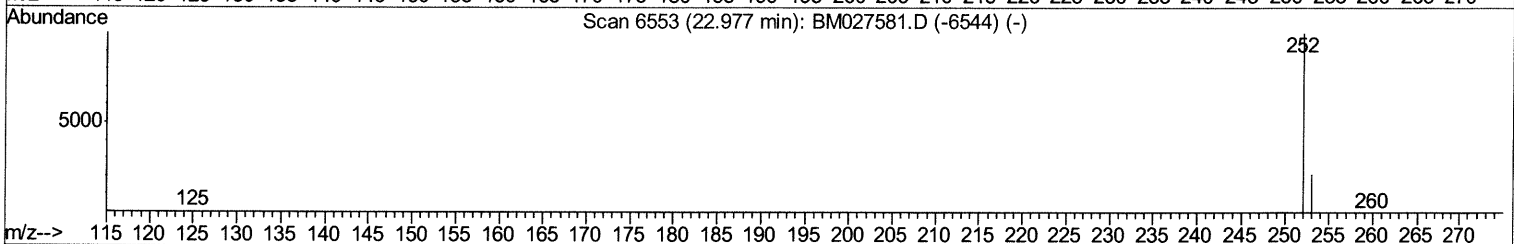
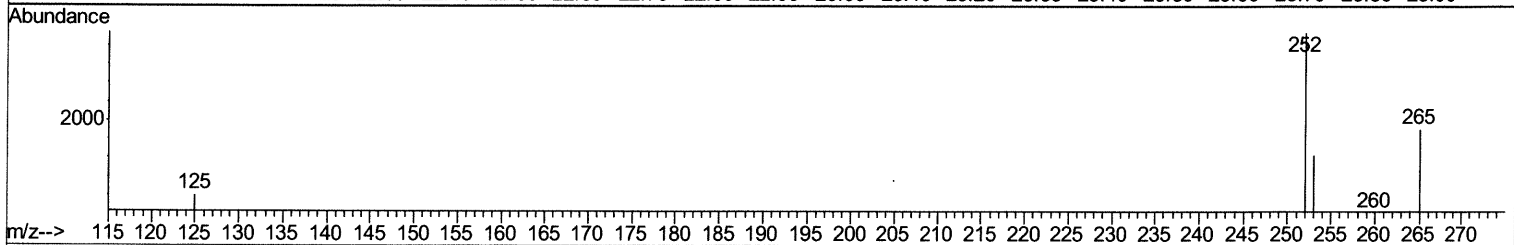
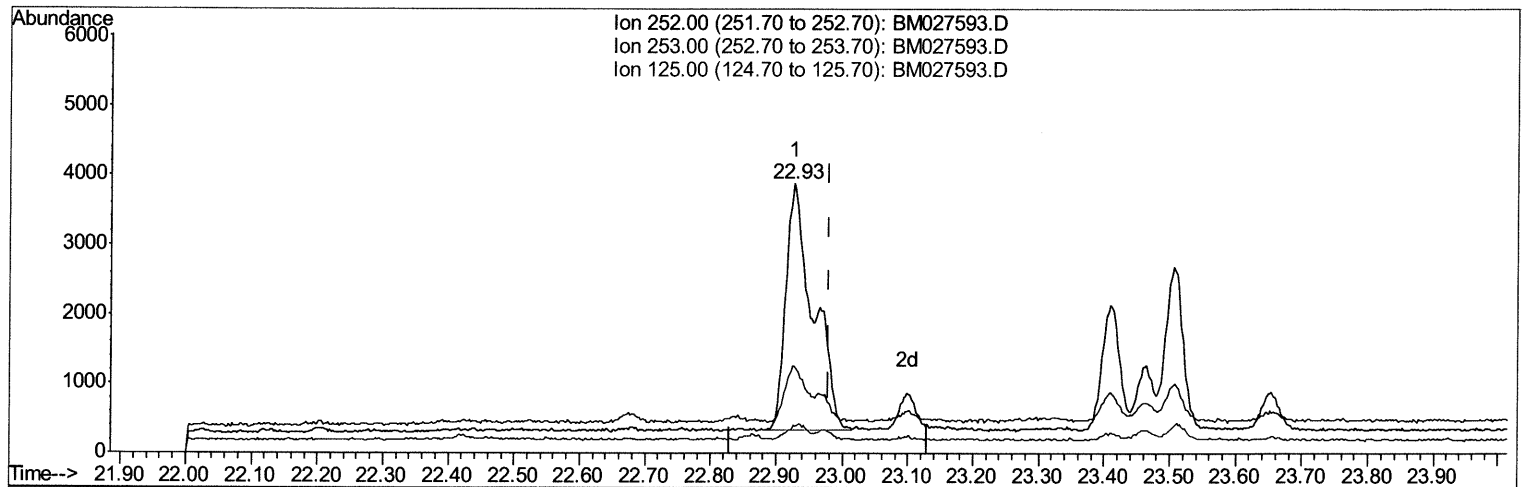
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5

Manual Integrations
APPROVED

mohammad
10/5/2020 10:29:17 AM

Quant Time: Oct 03 02:32:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



TIC: BM027593.D

(22) Benzo(k)fluoranthene
22.926min (-0.053) 0.36ng/ul
response 10148

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	32.27#
125.00	6.20	10.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

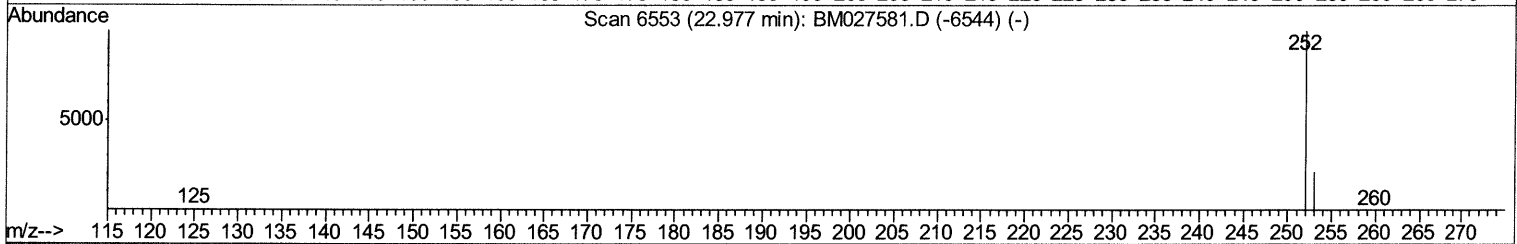
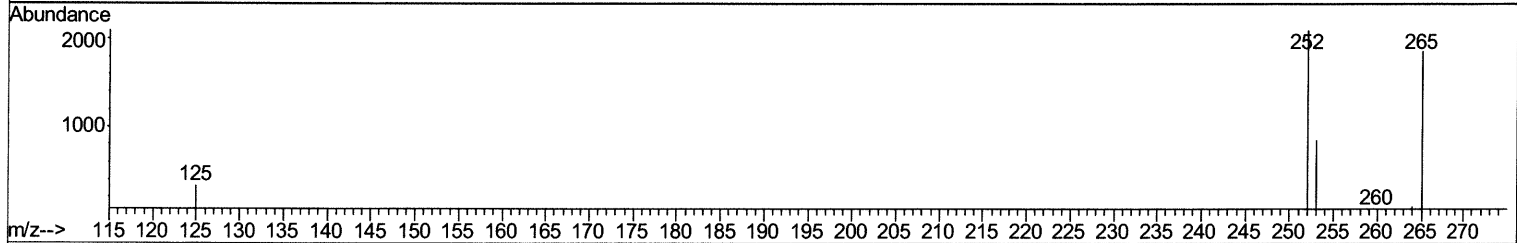
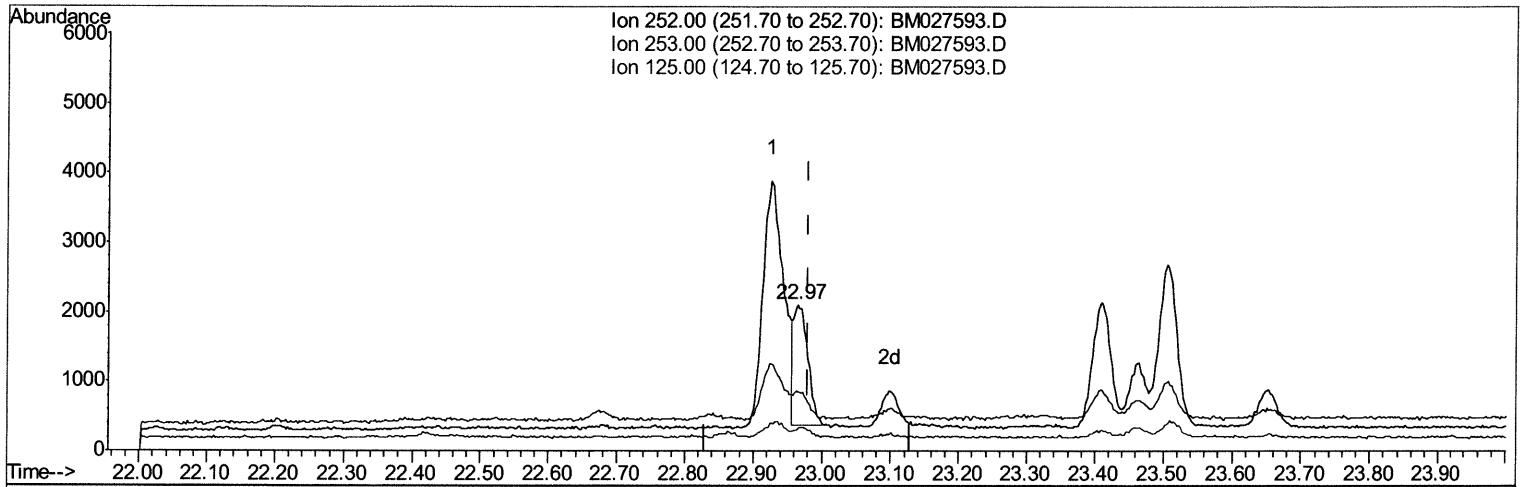
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Response via : Initial Calibration



TIC: BM027593.D

(22) Benzo(k)fluoranthene

22.965min (-0.014) 0.09ng/ul m 10/06/20 JU

response 2566

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	40.30#
125.00	6.20	15.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (Qedit)

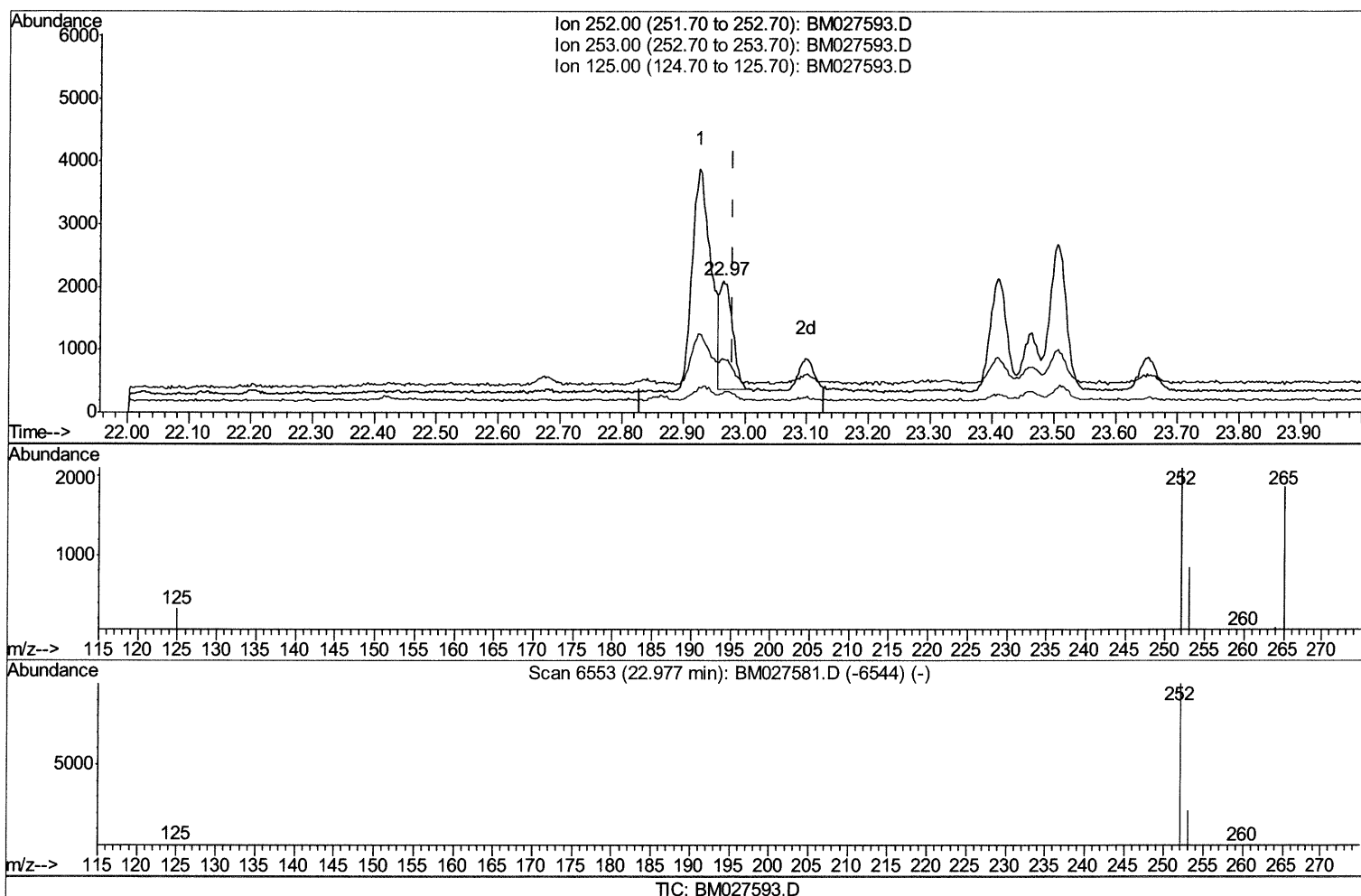
Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.965min (-0.014) 0.09ng/ul m 10/06/20 JU

response 2566

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	40.30#
125.00	6.20	15.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100220\
Quantitation Report (QT Reviewed)

Data File : BM027593.D
Acq On : 02 Oct 2020 22:24
Operator : JU/CG
Sample : L4166-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1113	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3216	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	2322	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.17	188	5673m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.34	240	6250	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	6753	0.40	ng/ul	-0.01

10/06/20 JU

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.17	152	1344	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	4305	0.28	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.15	152	348	0.029	ng/ul#	64
12) Phenanthrene	17.21	178	577	0.033	ng/ul#	79
13) Anthracene	17.30	178	753	0.044	ng/ul#	80
15) Fluoranthene	19.22	202	2626	0.125	ng/ul	96
17) Pyrene	19.59	202	2810m }	0.099	ng/ul }	
18) Benzo(a)anthracene	21.33	228	2417m }	0.099	ng/ul }	
19) Chrysene	21.38	228	4430	0.174	ng/ul	95
21) Benzo(b)fluoranthene	22.93	252	7588m }	0.279	ng/ul }	
22) Benzo(k)fluoranthene	22.97	252	2566m }	0.091	ng/ul }	
23) Benzo(a)pyrene	23.51	252	4166	0.171	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.88	276	2716	0.087	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.89	278	804	0.031	ng/ul#	9
26) Benzo(g,h,i)perylene	26.58	276	2247	0.085	ng/ul#	82

10/06/20 JU

10/06/20 JU

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