

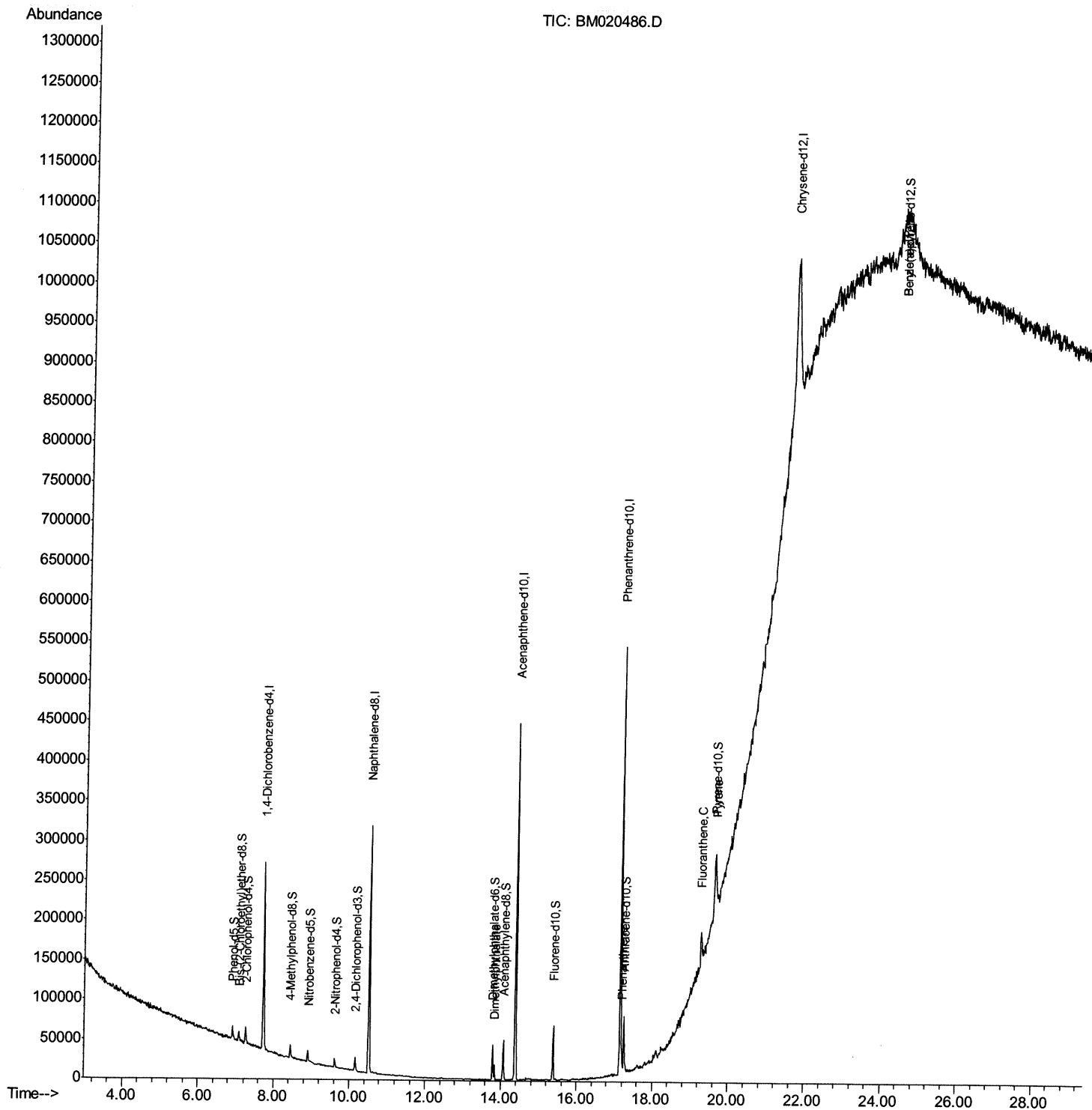
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020486.D
Acq On : 22 May 2019 07:06
Operator : JU/SJ
Sample : K2923-10DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
A4257DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:57 AM

Quant Time: May 22 07:52:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 06:40:26 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

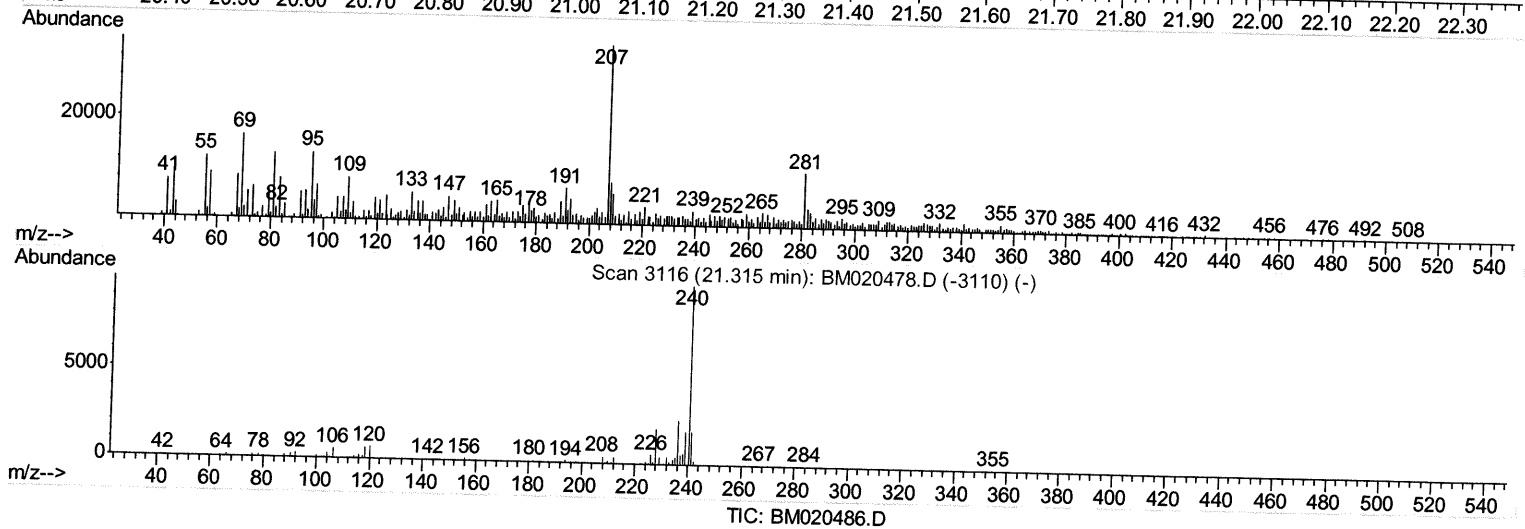
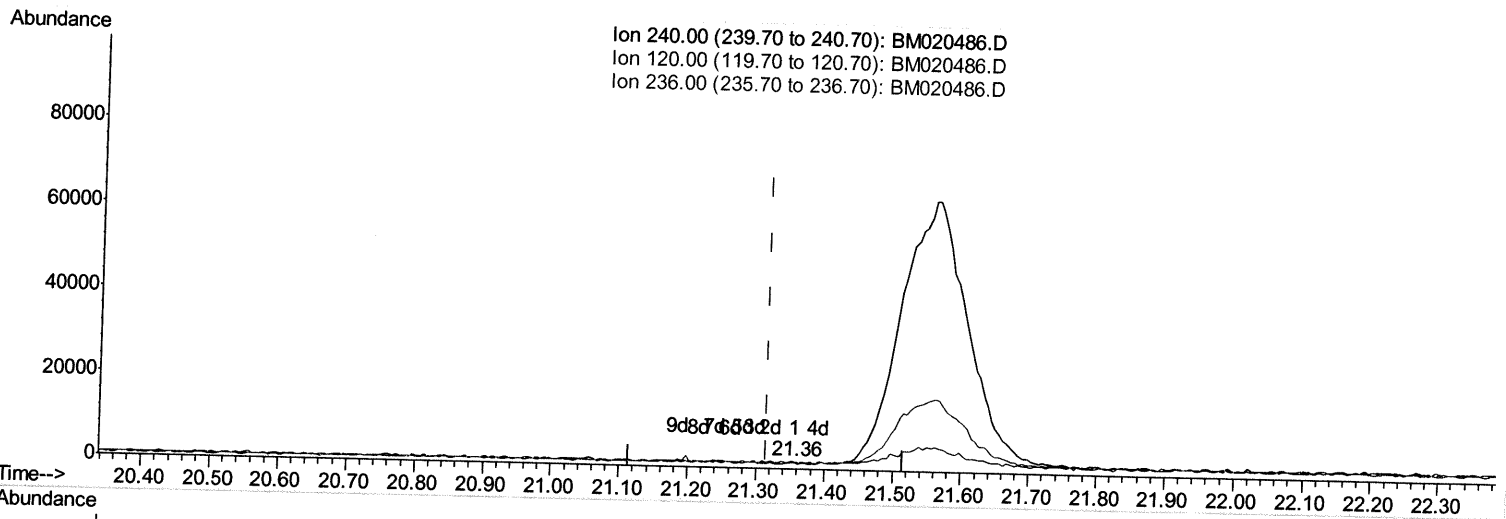
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 QLast Update : Wed May 22 06:40:26 2019
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(77) Chrysene-d12 (I)

21.356min (+0.041) 20.00ng/ul

response 786

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	91.32#
236.00	25.40	95.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

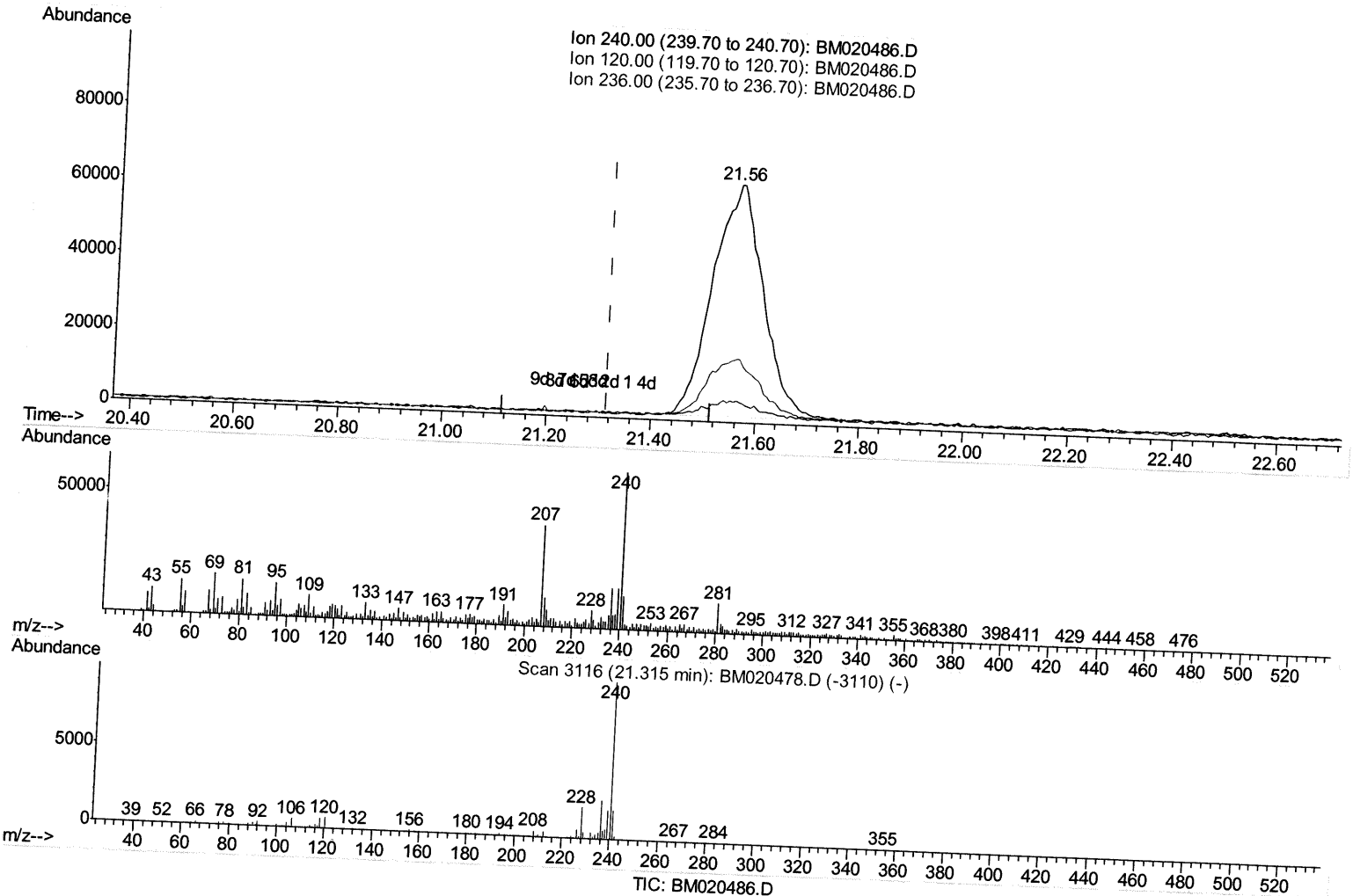
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
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 Response via : Initial Calibration



(77) Chrysene-d12 (I)

21.556min (+0.241) 20.00ng/ul m *JU 05/24/19*

response 420159

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	8.56#
236.00	25.40	26.43
0.00	0.00	0.00

Quantitation Report (Qedit)

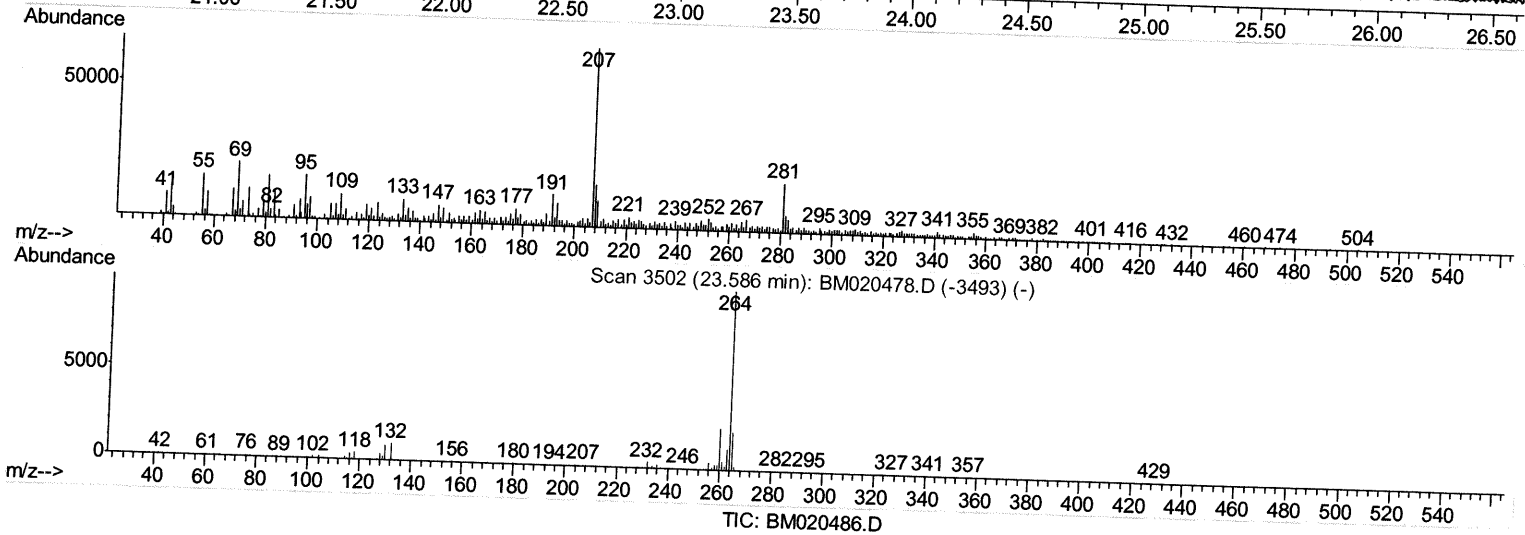
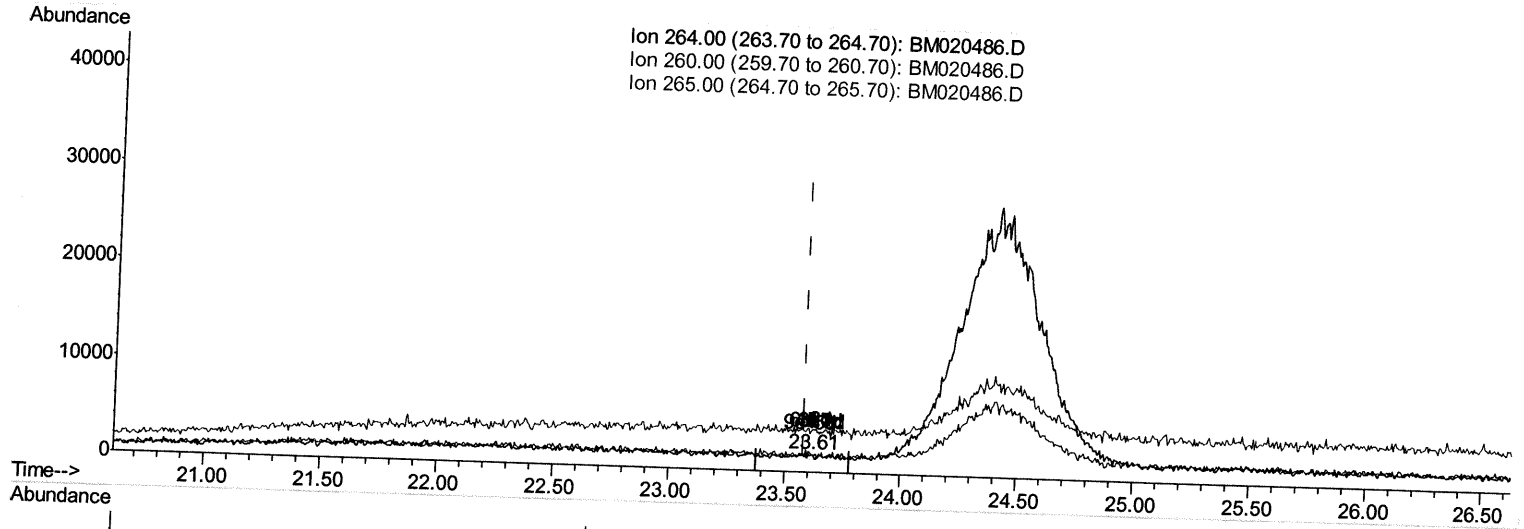
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 A4257DL

Manual Integrations
 APPROVED

mohammad
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Quant Time: May 22 07:47:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(85) Perylene-d12 (I)

23.615min (+0.029) 20.00ng/ul

response 366

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	108.05#
265.00	21.90	230.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

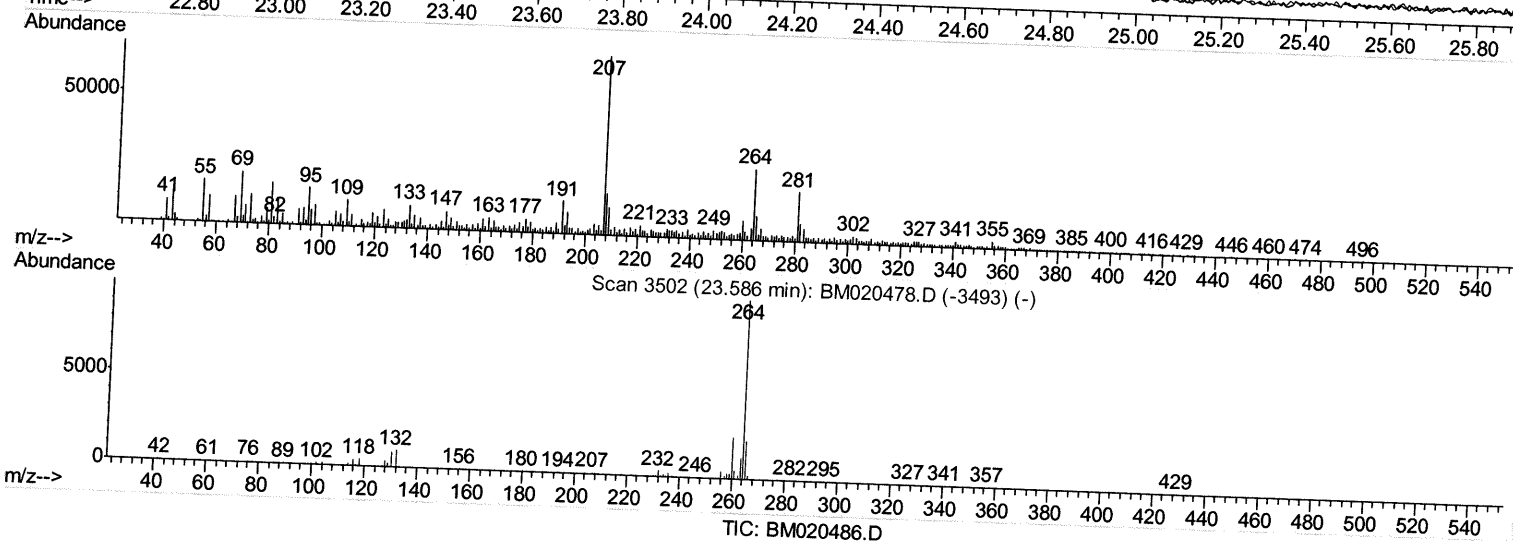
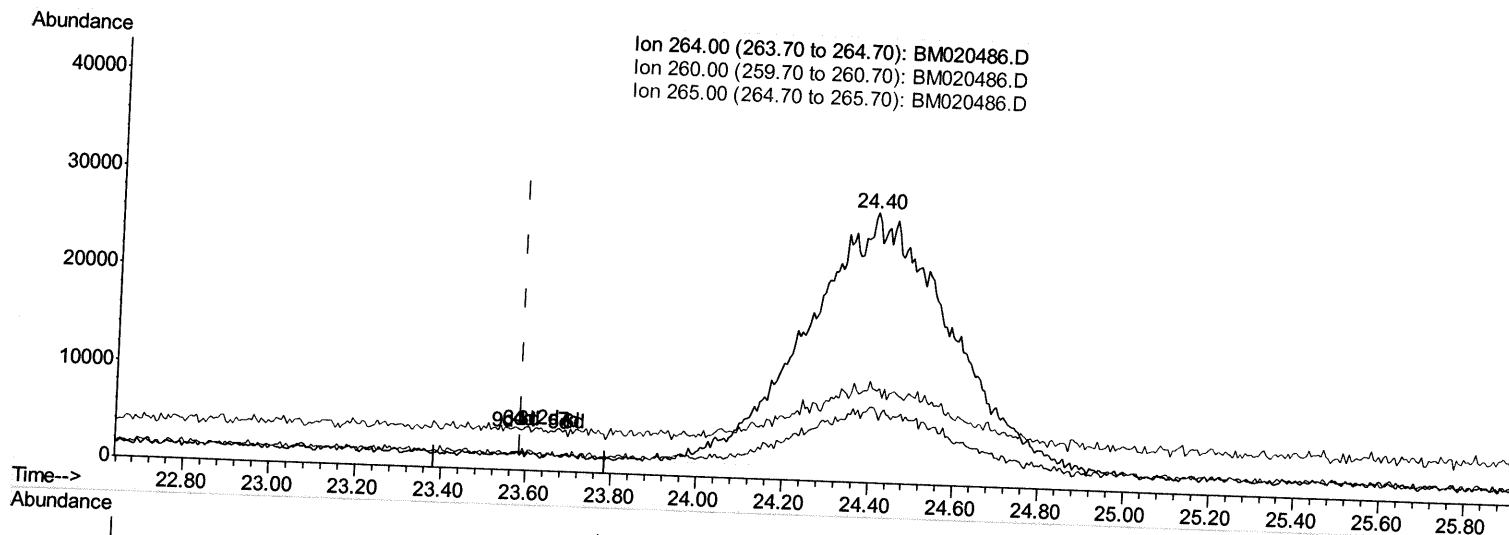
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 A4257DL

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(85) Perylene-d12 (I)

24.403min (+0.817) 20.00ng/ul m *Ju 05/24/19*

response 621074

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	27.98
265.00	21.90	35.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

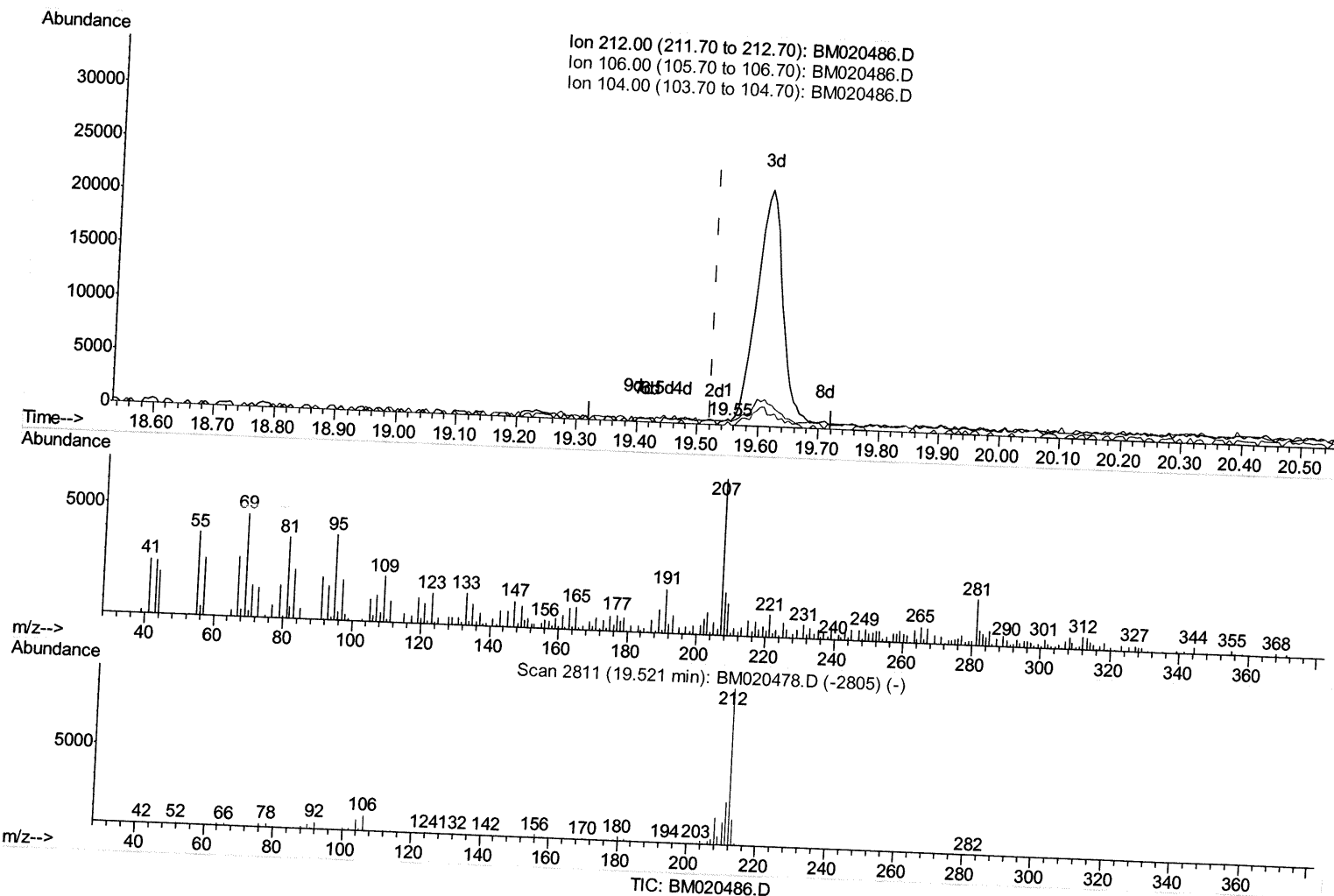
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

Quant Time: May 22 07:50:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(78) Pyrene-d10(S)

19.550min (+0.029) 0.03ng/ul

response 595

Ion	Exp%	Act%
212.00	100	100
106.00	9.50	124.73#
104.00	6.70	64.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

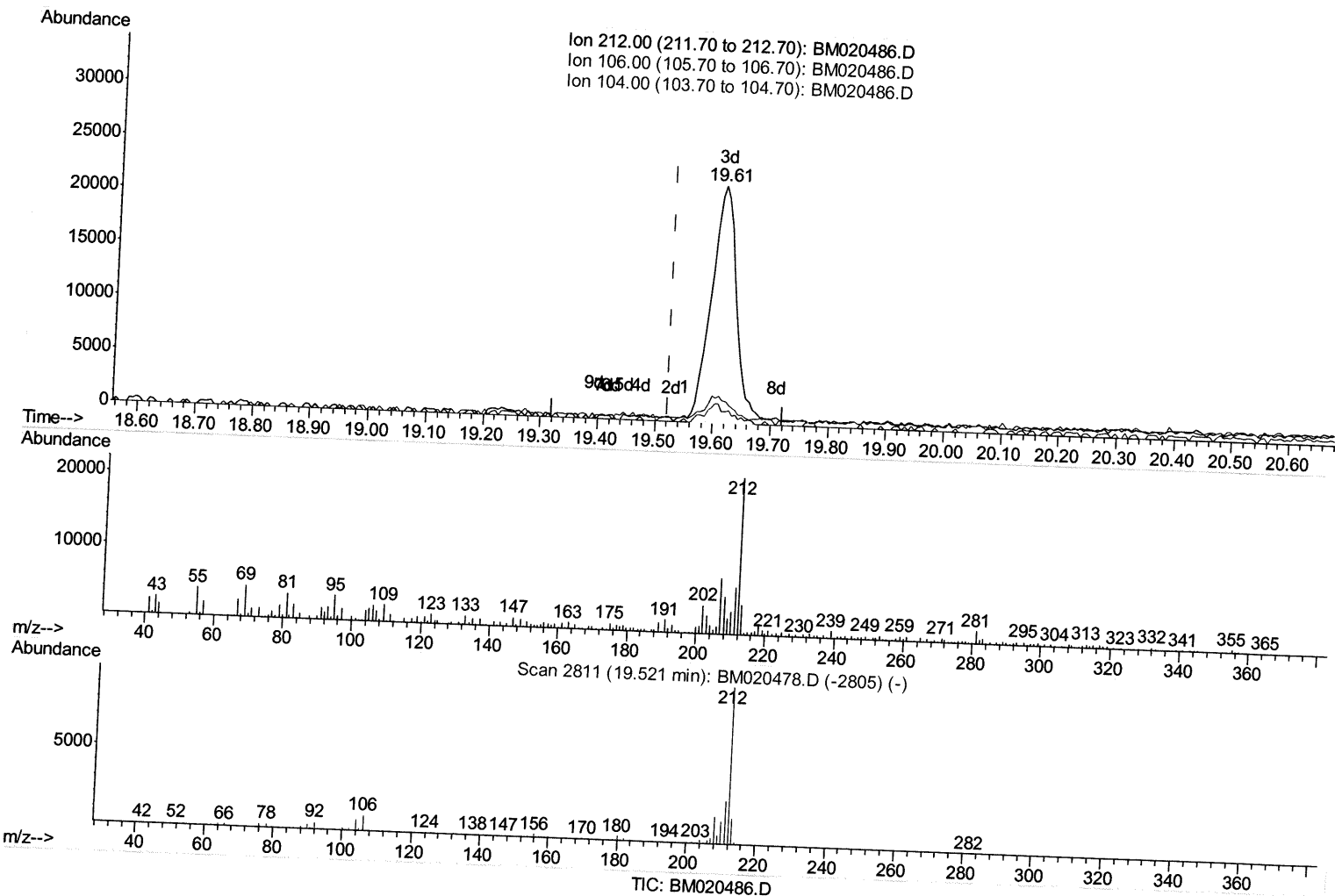
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

Quant Time: May 22 07:50:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(78) Pyrene-d10 (S)

19.609min (+0.088) 3.30ng/ul m *JU*
05/24/19

response 66780

Ion	Exp%	Act%
212.00	100	100
106.00	9.50	11.39
104.00	6.70	8.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

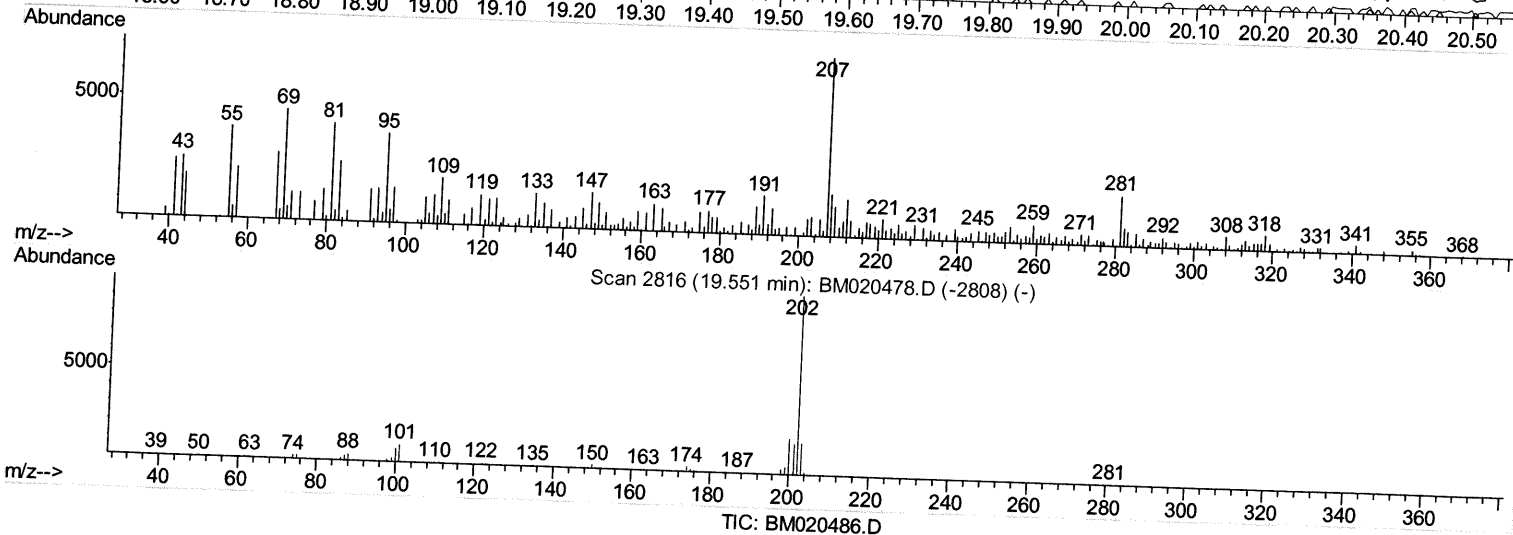
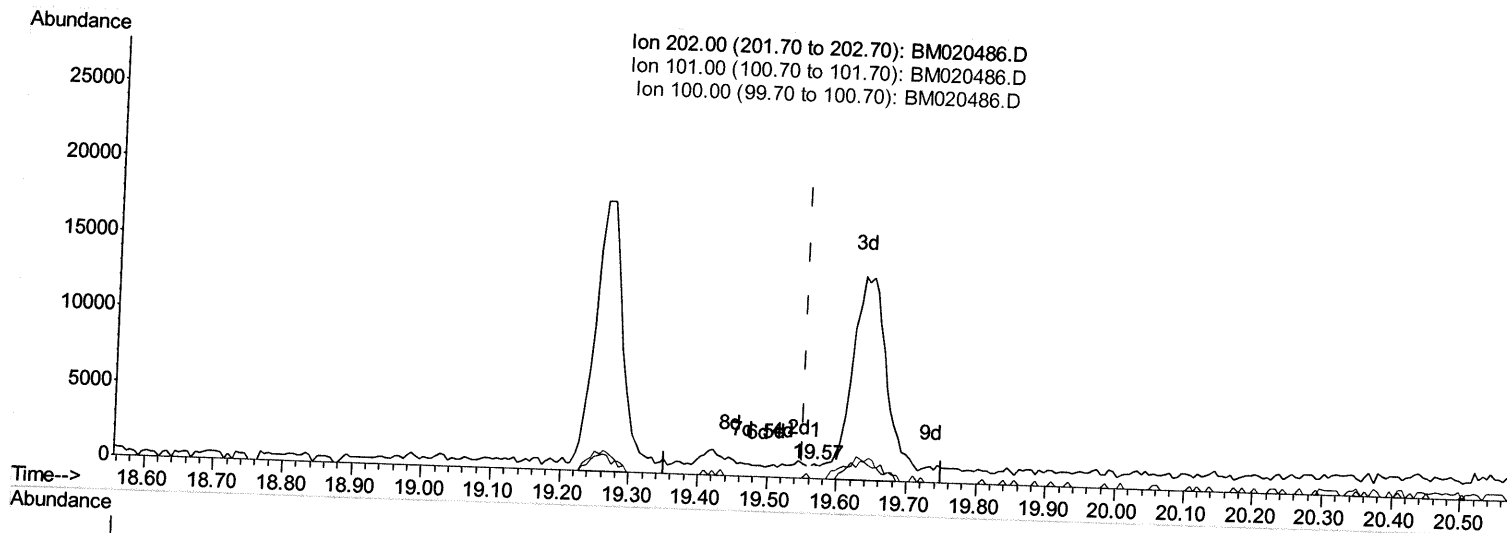
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(79) Pyrene

19.568min (+0.017) 0.00ng/ul

response 89

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	0.00#
100.00	7.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

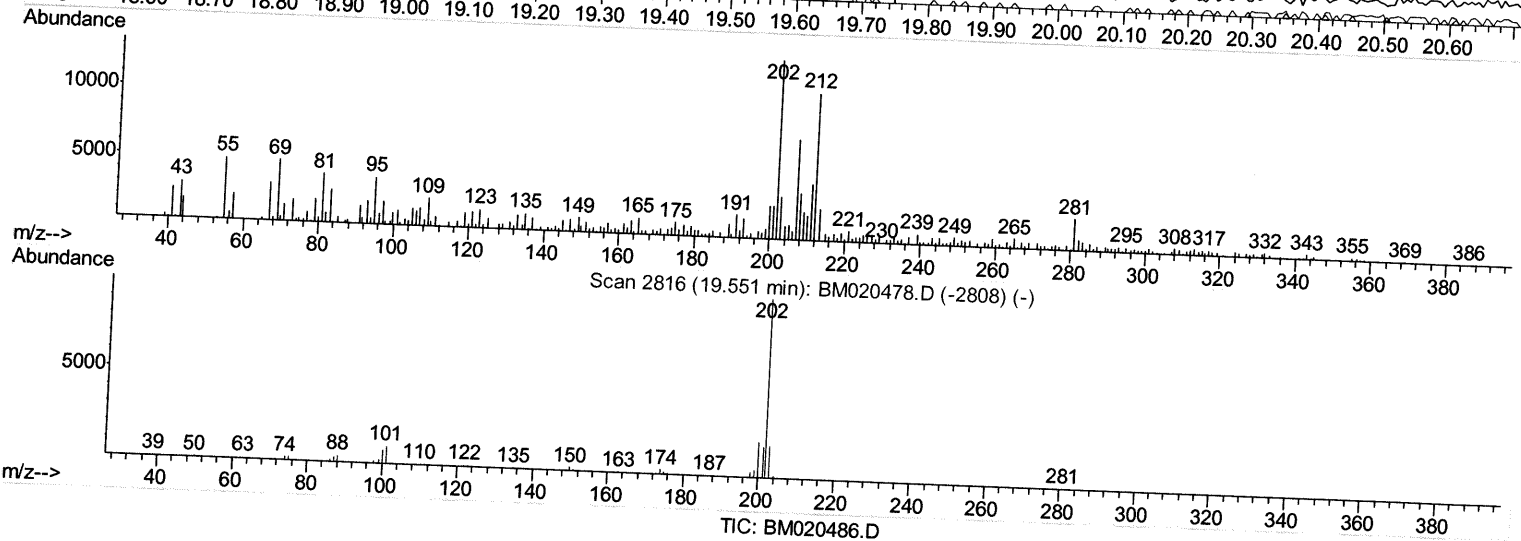
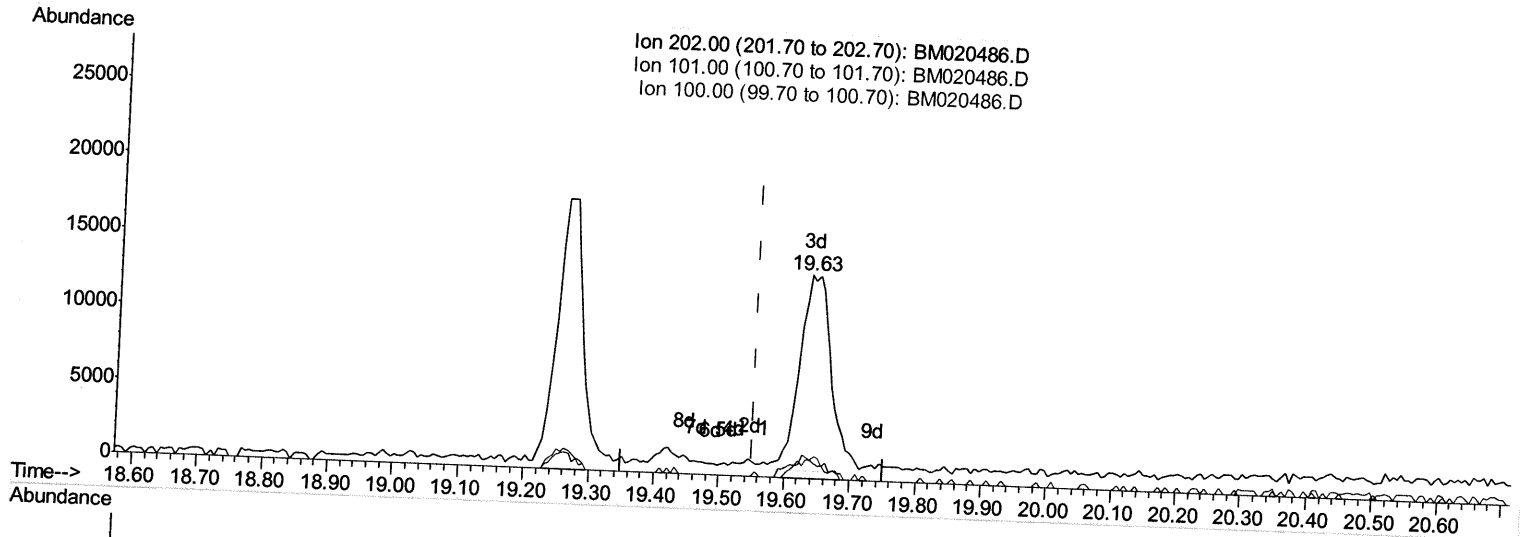
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

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 Response via : Initial Calibration



(79) Pyrene

19.633min (+0.082) 1.74ng/ul m *JU* 05/24/19

response 43842

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	10.20
100.00	7.40	9.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

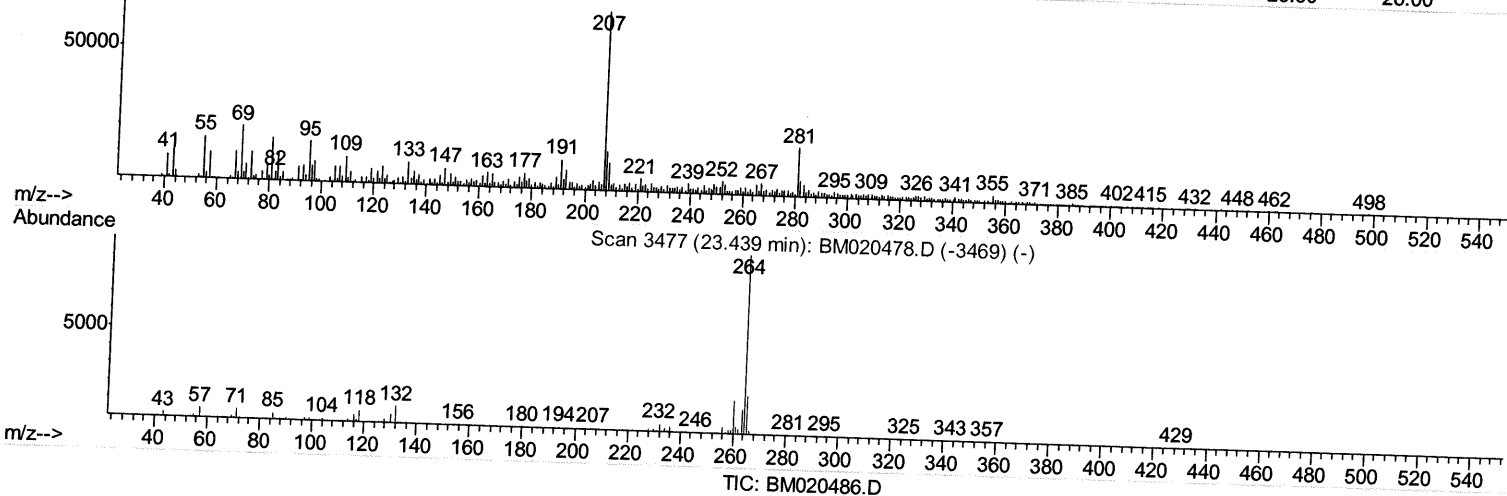
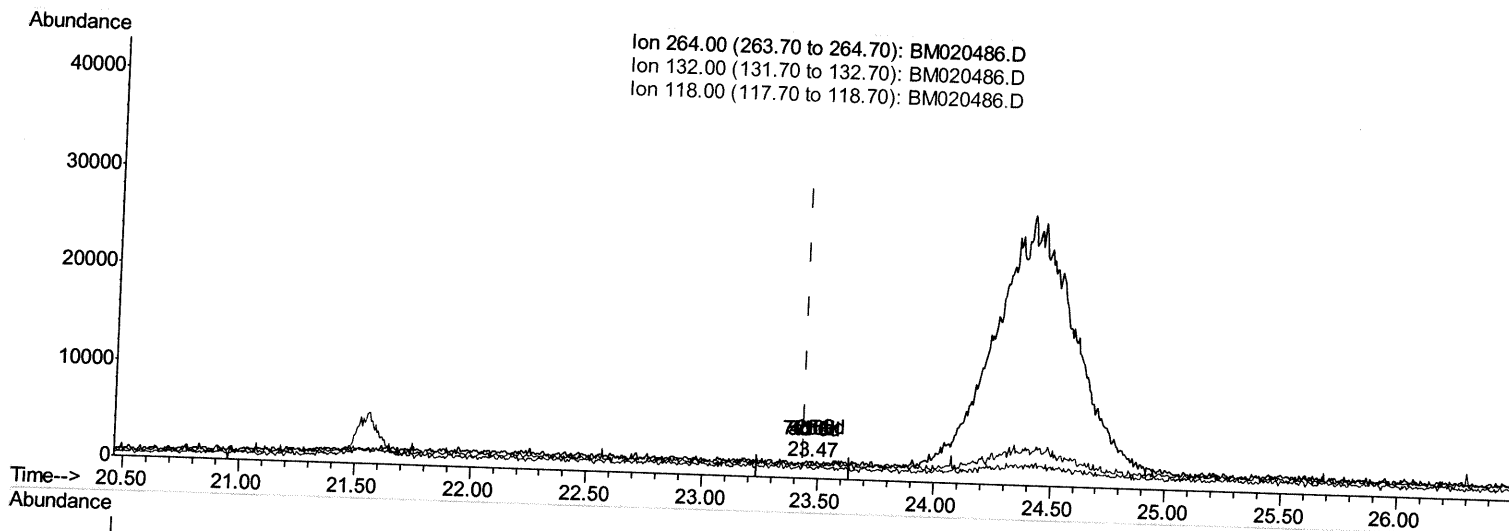
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
 Operator : JU/SJ
 Sample : K2923-10DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4257DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:57 AM

Quant Time: May 22 07:50:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
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 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(89) Benzo(a)pyrene-d12 (S)

23.468min (+0.029) 0.02ng/ul

response 427

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	71.13#
118.00	6.70	68.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

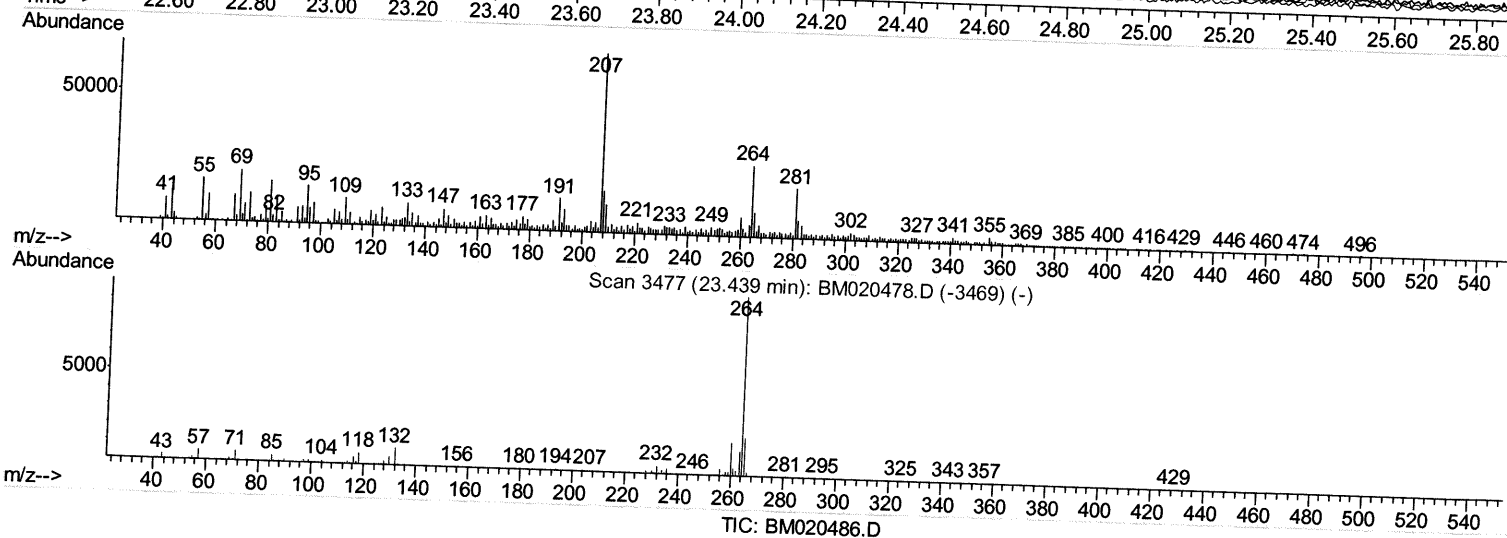
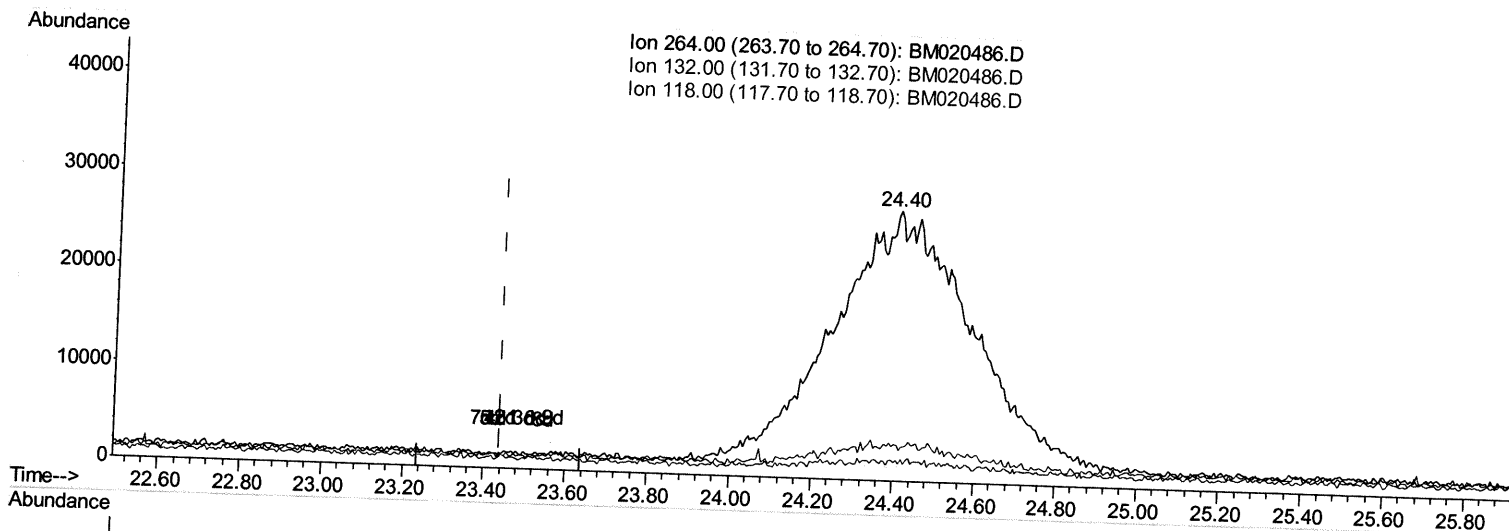
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020486.D
 Acq On : 22 May 2019 07:06
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
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Manual Integrations
 APPROVED

mohammad
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(89) Benzo(a)pyrene-d12 (S)

24.403min (+0.964) 21.91ng/ul m *JU 05/24/19*

response 618443

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	13.58#
118.00	6.70	7.05
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
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 Acq On : 22 May 2019 07:06
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 ALS Vial : 24 Sample Multiplier: 1

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 ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	69281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	251058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	151124	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.15	188	377401	20.00	ng/ul	0.02
77) Chrysene-d12	21.56	240	420159m	20.00	ng/ul	0.24
85) Perylene-d12	24.40	264	621074m	20.00	ng/ul	0.82
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1265	0.67	ng/uL	0.01
5) Phenol-d5	6.90	99	11262	2.04	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	7479	2.13	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	10886	2.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	8656	2.15	ng/ul	0.01
19) Nitrobenzene-d5	8.90	128	3754	2.30	ng/ul	0.02
22) 2-Nitrophenol-d4	9.62	143	4159	2.31	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.16	165	9275	2.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.69	131	1947	0.49	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	31960	2.94	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	39473	2.90	ng/ul	0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	0.00
57) Fluorene-d10	15.37	176	30777	3.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	0.00
70) Anthracene-d10	17.25	188	55010	3.40	ng/ul	0.03
78) Pyrene-d10	19.61	212	66780m	3.30	ng/ul	0.09
89) Benzo(a)pyrene-d12	24.40	264	618443m	21.91	ng/ul	0.96
Target Compounds						
44) Dimethylphthalate	13.83	163	13065	1.215	ng/ul#	92
69) Phenanthrene	17.20	178	20006	1.113	ng/ul	98
76) Fluoranthene	19.27	202	47352	2.085	ng/ul	97
79) Pyrene	19.63	202	43842m	1.738	ng/ul	97

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