

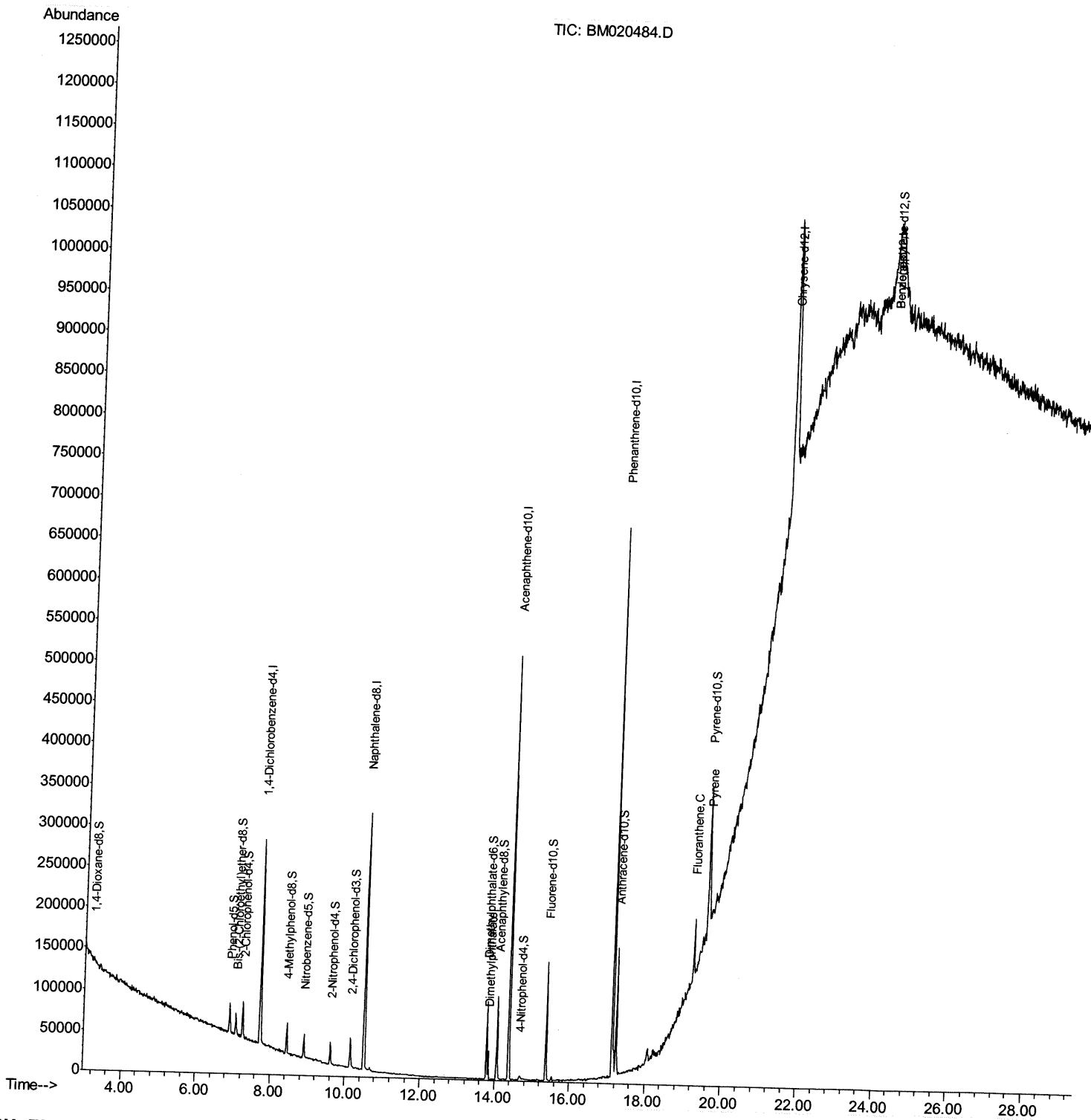
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020484.D
Acq On : 22 May 2019 05:54
Operator : JU/SJ
Sample : K2923-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4256DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:51 AM

Quant Time: May 22 07:33:43 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)

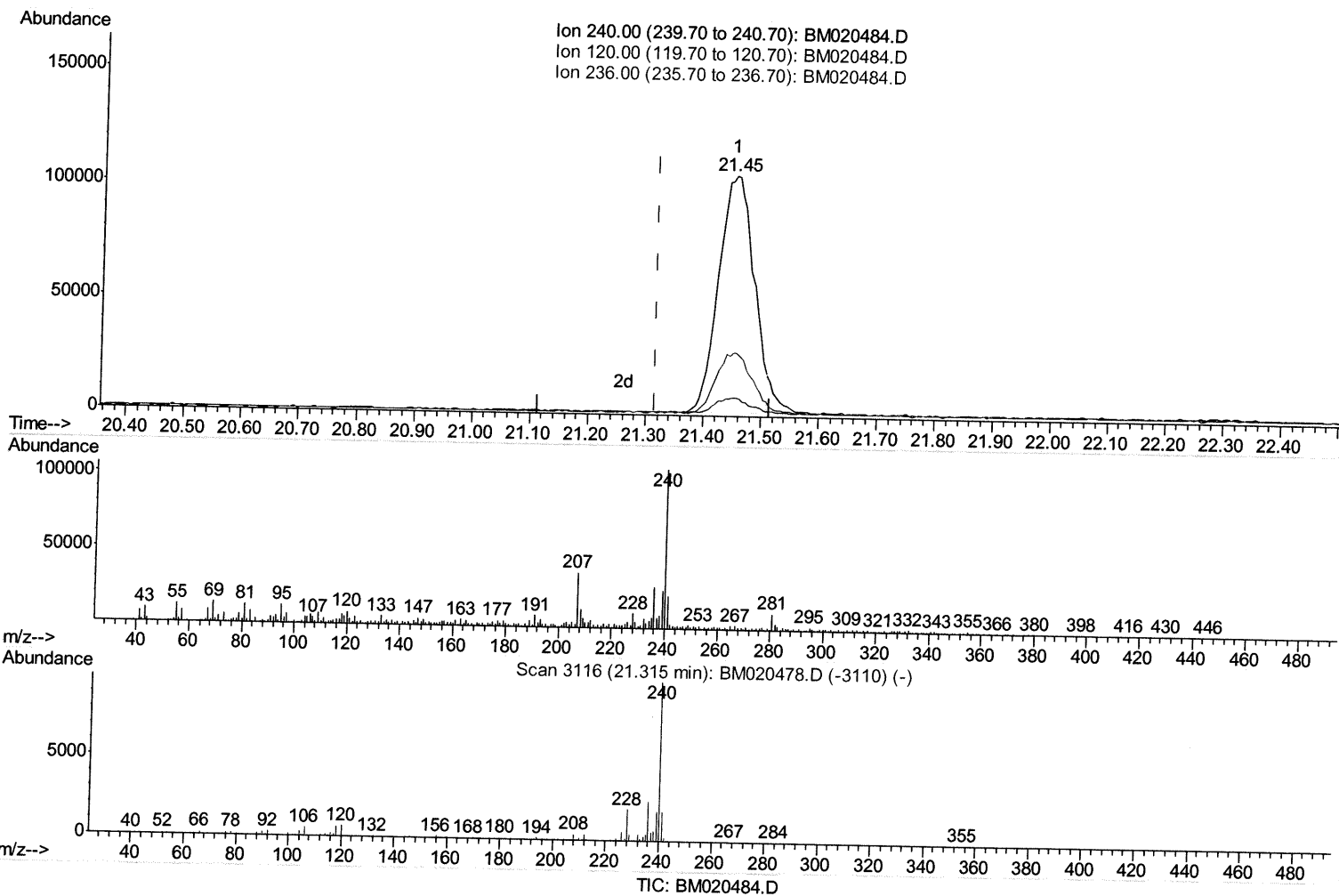
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020484.D
Acq On : 22 May 2019 05:54
Operator : JU/SJ
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Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:51 AM

Quant Time: May 22 06:44:57 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



(77) Chrysene-d12 (I)

21.450min (+0.135) 20.00ng/ul

response 439621

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	7.90
236.00	25.40	26.44
0.00	0.00	0.00

Quantitation Report (Qedit)

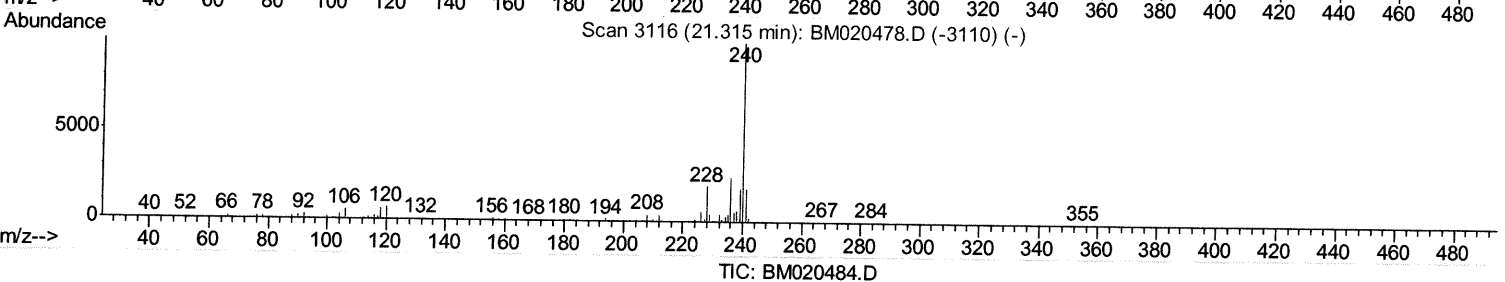
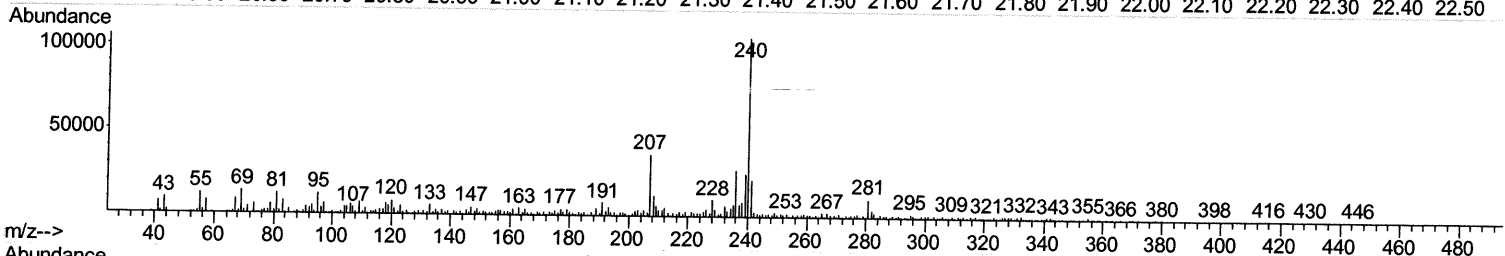
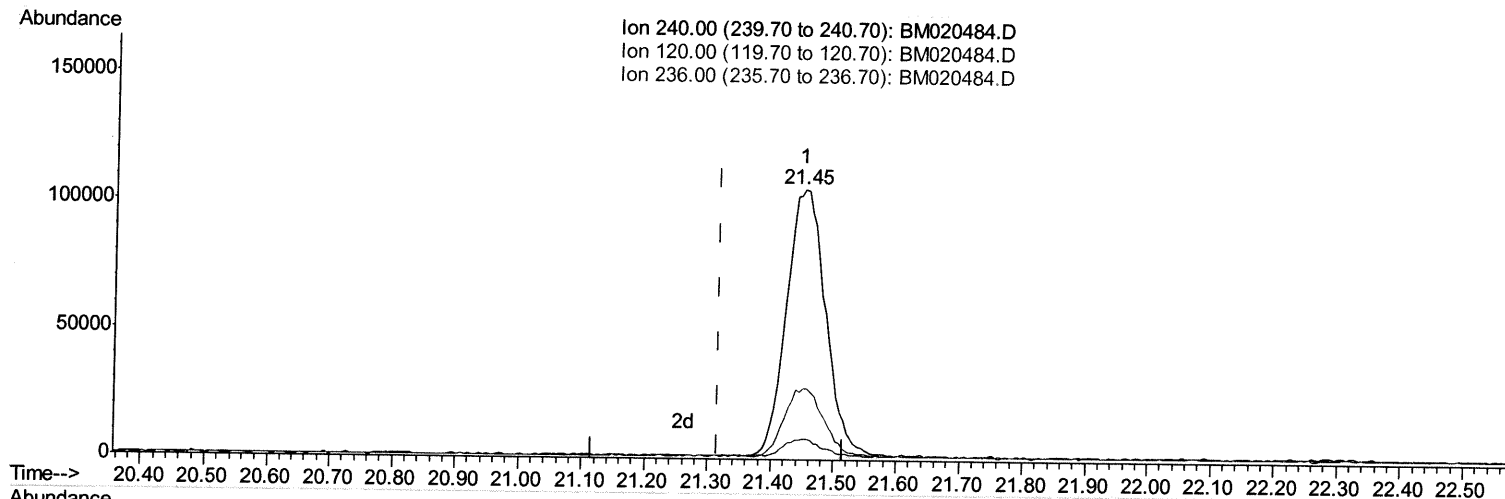
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 06:44:57 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



(77) Chrysene-d12 (I)

21.450min (+0.135) 20.00ng/ul m *JU 05/24/19*

response 459544

Ion	Exp%	Act%
240.00	100	100
120.00	6.80	7.90
236.00	25.40	26.44
0.00	0.00	0.00

Quantitation Report (Qedit)

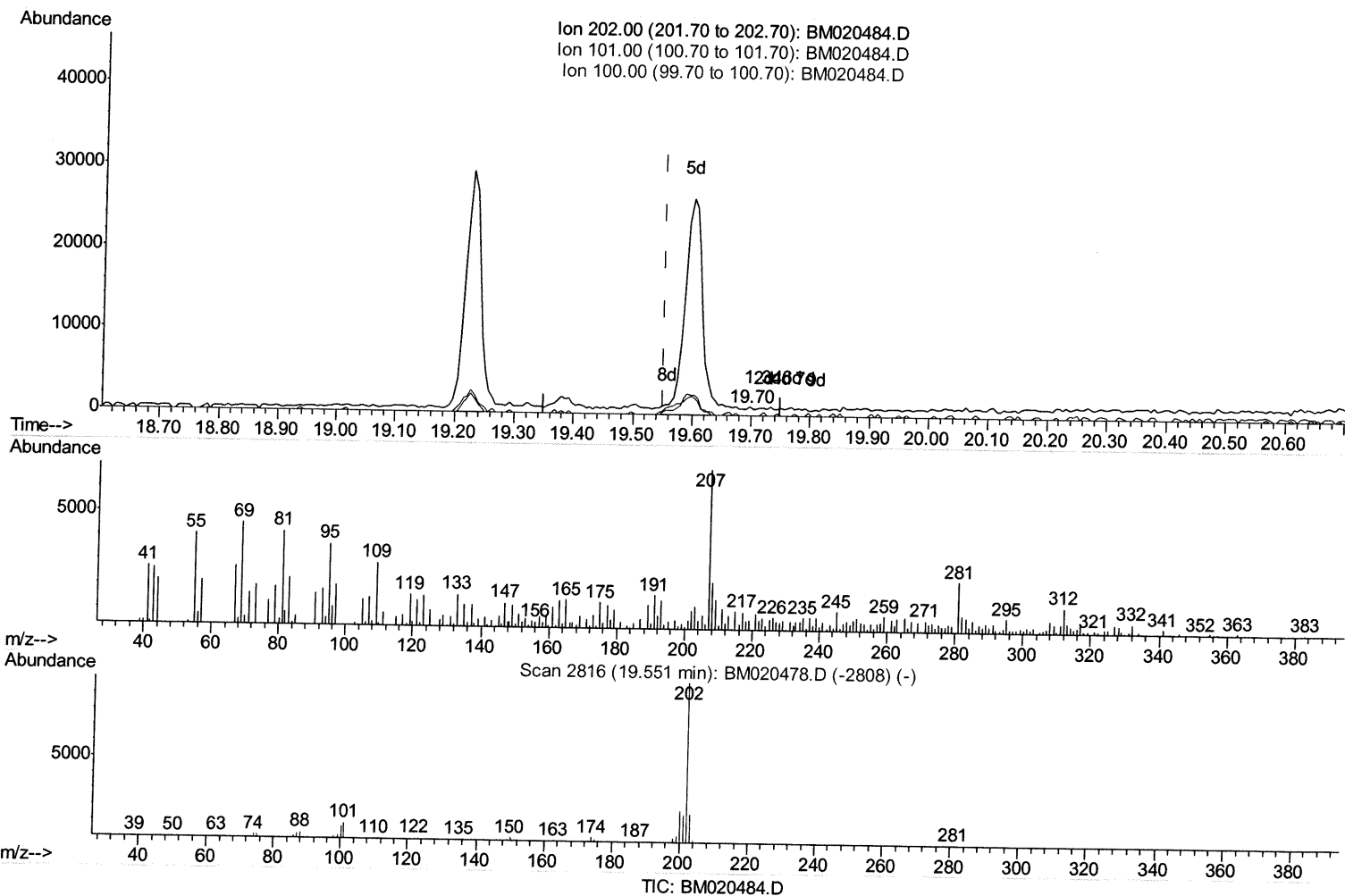
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020484.D
Acq On : 22 May 2019 05:54
Operator : JU/SJ
Sample : K2923-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4256DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:51 AM

Quant Time: May 22 07:18:03 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



(79) Pyrene

19.698min (+0.147) 0.01ng/ul

response 397

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)

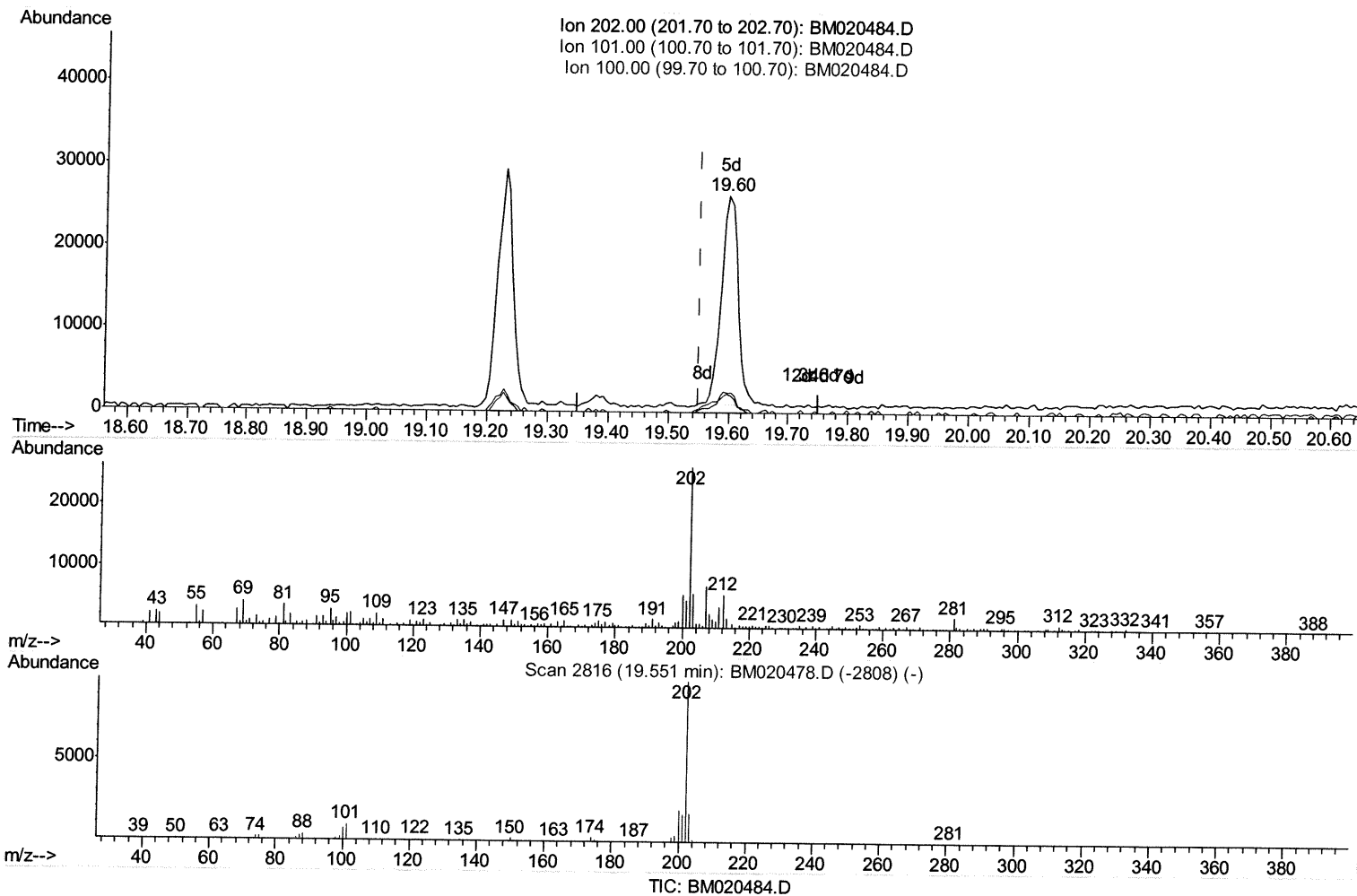
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 07:18:03 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



(79) Pyrene

19.598min (+0.047) 1.78ng/ul m *JU 5/24/19*

response 49055

Ion	Exp%	Act%
202.00	100	100
101.00	8.90	9.23
100.00	7.40	8.40
0.00	0.00	0.00

Quantitation Report (Qedit)

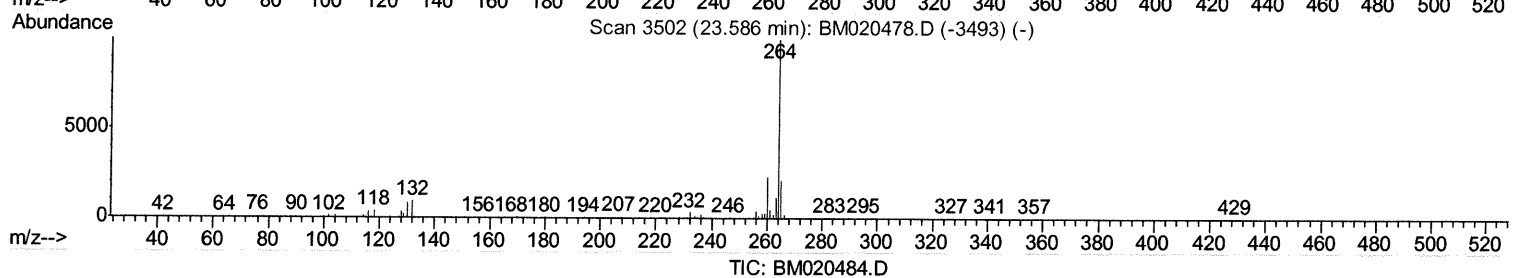
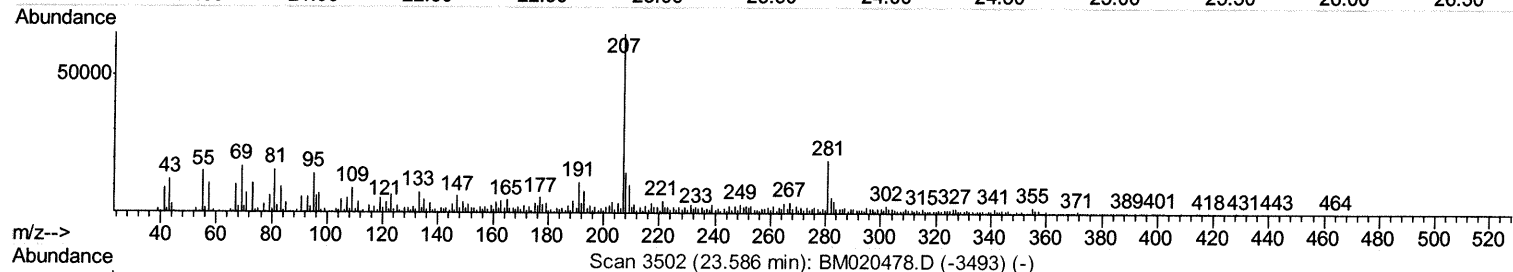
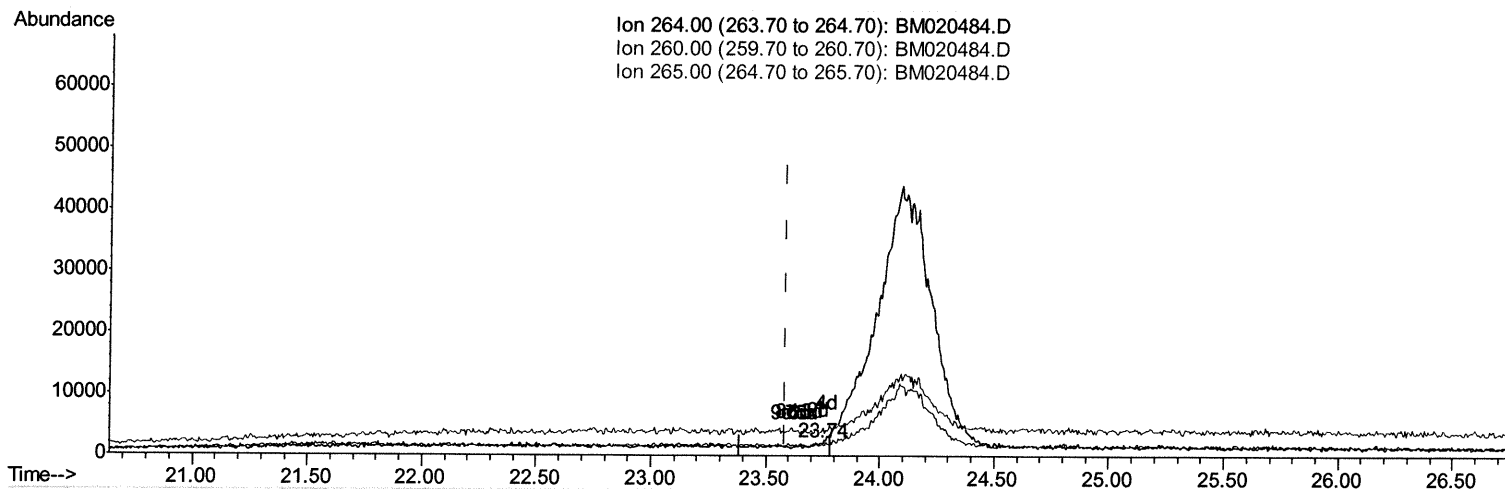
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 07:18:03 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)

23.739min (+0.153) 20.00ng/ul

response 351

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	78.80#
265.00	21.90	184.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

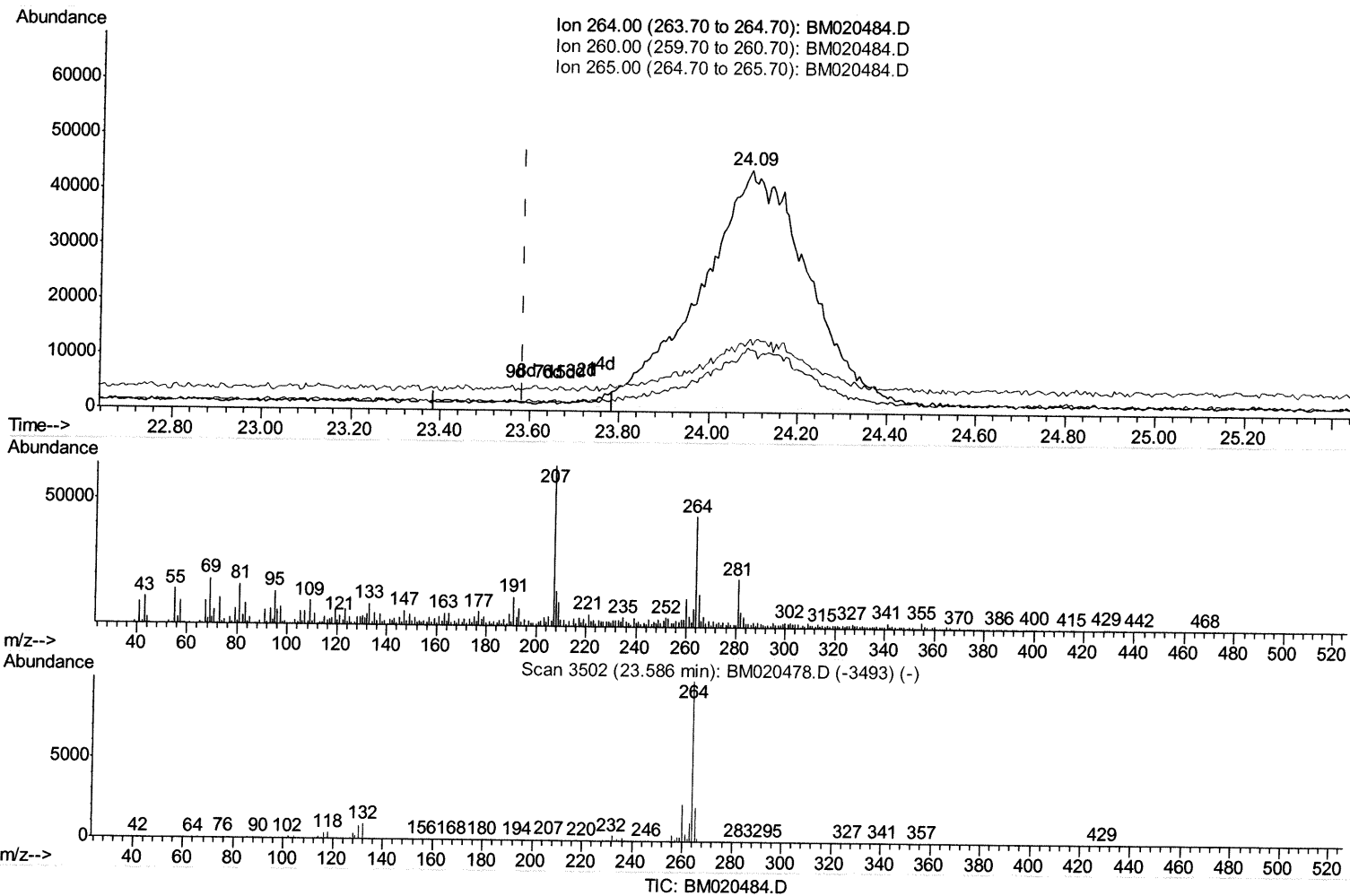
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020484.D
Acq On : 22 May 2019 05:54
Operator : JU/SJ
Sample : K2923-09DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4256DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:51 AM

Quant Time: May 22 07:18:03 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)

24.091min (+0.506) 20.00ng/ul m *JU 05/24/19*

response 739512

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	26.04
265.00	21.90	30.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

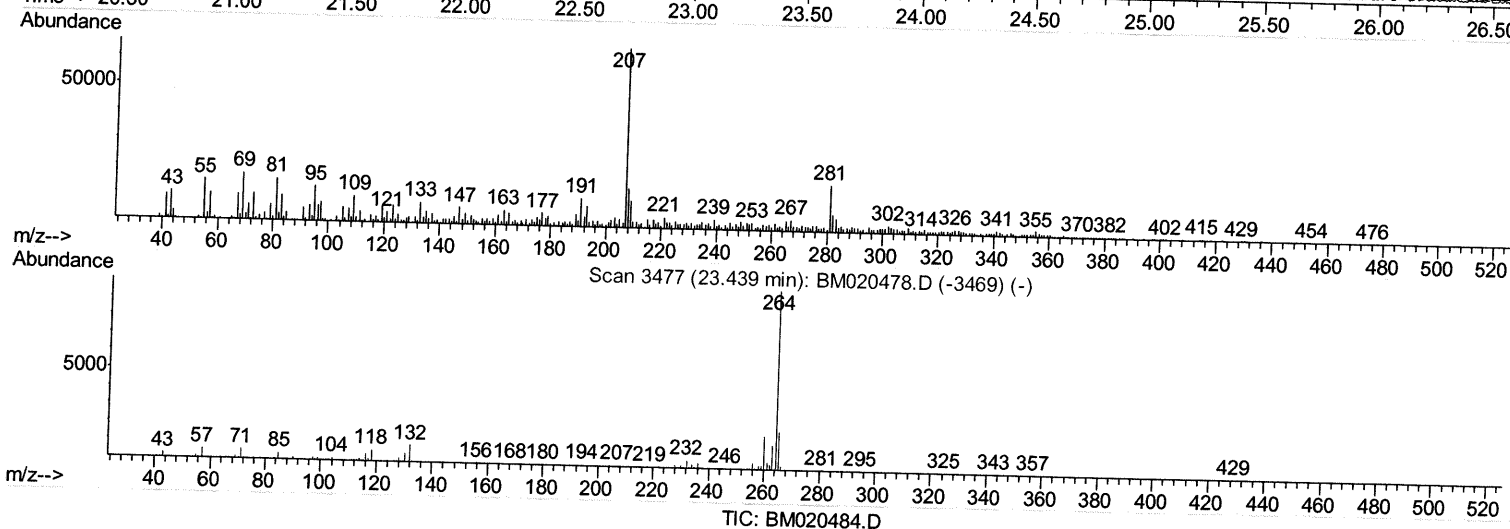
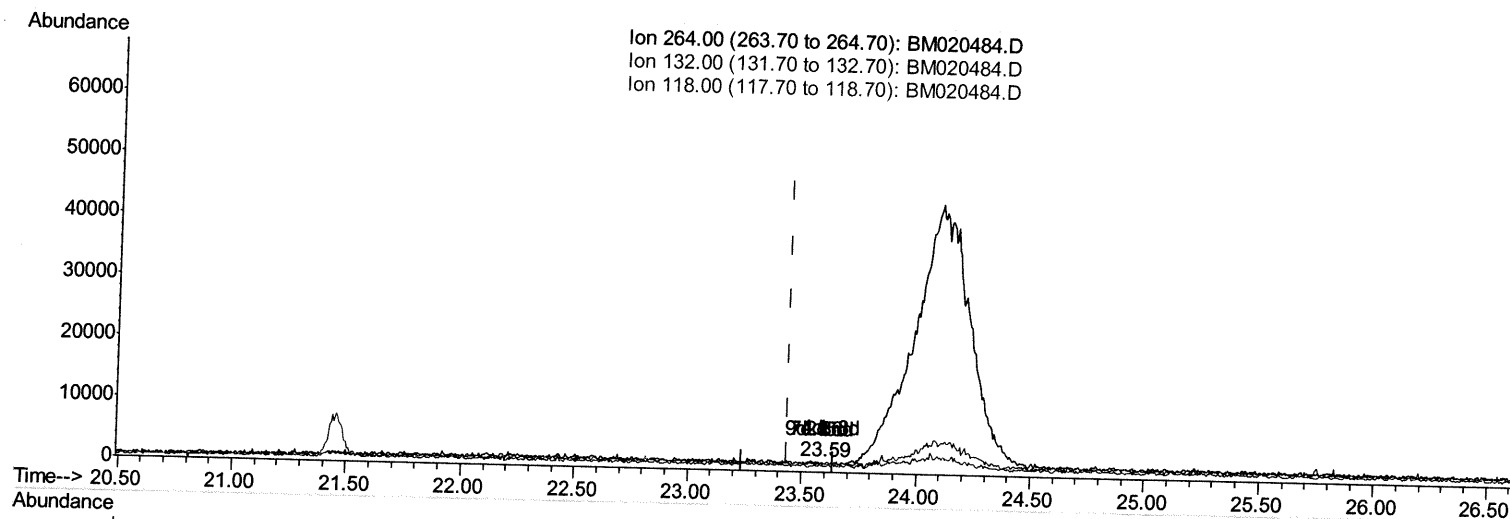
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 07:19:20 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



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

23.592min (+0.153) 0.01ng/ul

response 401

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	75.31#
118.00	6.70	64.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

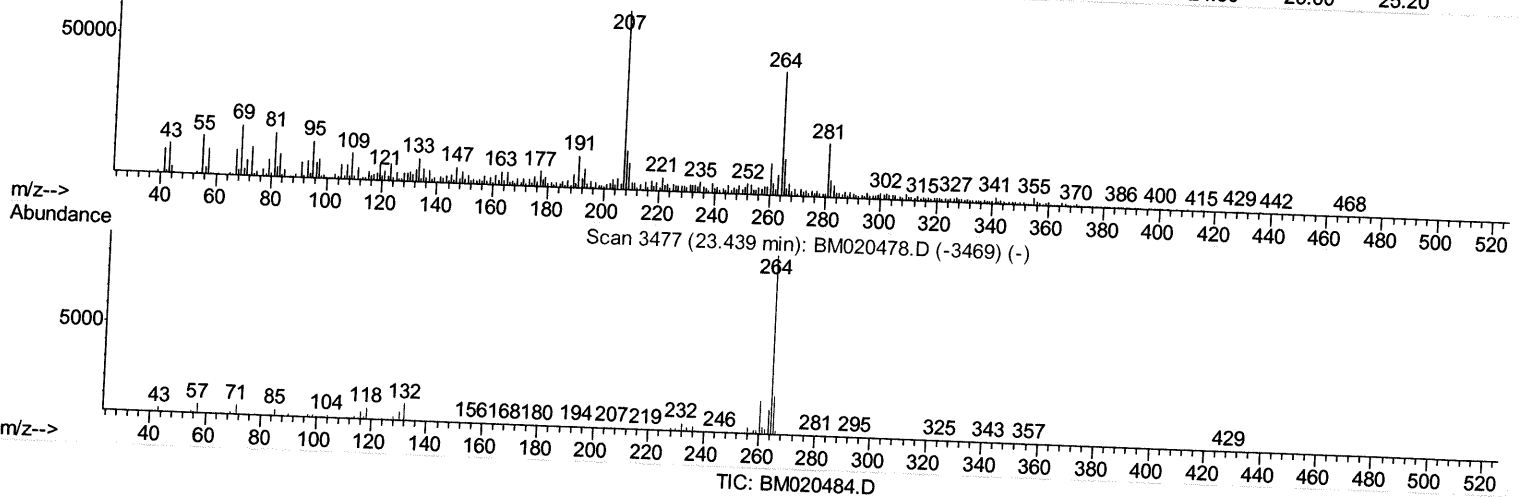
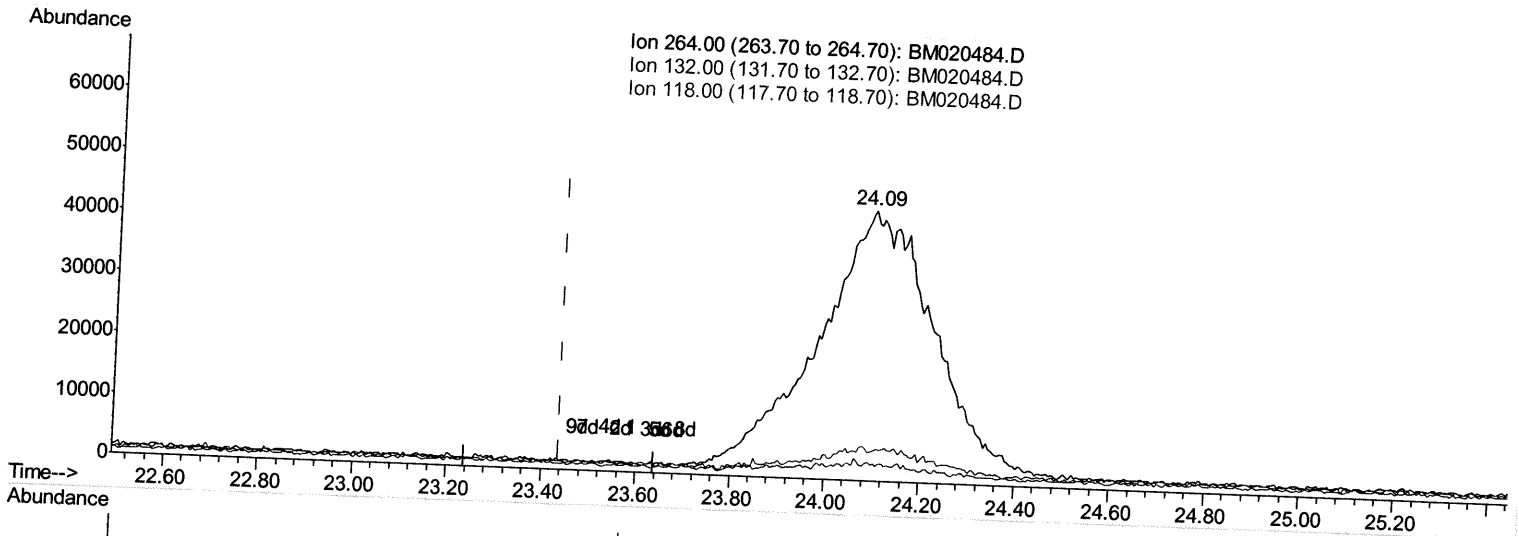
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 07:19:20 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



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

24.091min (+0.653) 21.05ng/ul m

response 707492

Ion	Exp%	Act%
264.00	100	100
132.00	10.00	10.59
118.00	6.70	7.01
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020484.D
 Acq On : 22 May 2019 05:54
 Operator : JU/SJ
 Sample : K2923-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4256DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:51 AM

Quant Time: May 22 07:33:43 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	68234	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	256726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	162402	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	409355	20.00	ng/ul	0.01
77) Chrysene-d12	21.45	240	459544m	20.00	ng/ul	0.14 Ju 05/24/19
85) Perylene-d12	24.09	264	739512m	20.00	ng/ul	0.51 Ju 05/24/19
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1859	1.01	ng/uL	0.00
5) Phenol-d5	6.90	99	24432	4.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	14495	4.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	19324	4.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	16879	4.26	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	7725	4.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	8406	4.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	18865	4.84	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	3480	0.86	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	59464	5.09	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	73294	5.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	2036	1.20	ng/ul	0.09
57) Fluorene-d10	15.37	176	56535	5.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	1549	0.66	ng/ul	0.04
70) Anthracene-d10	17.24	188	96261	5.48	ng/ul	0.02
78) Pyrene-d10	19.57	212	120568	5.45	ng/ul	0.05
89) Benzo(a)pyrene-d12	24.09	264	707492m	21.05	ng/ul	0.65 Ju 05/24/19
Target Compounds						
44) Dimethylphthalate	13.83	163	21471	1.858	ng/ul#	94
76) Fluoranthene	19.23	202	51521	2.091	ng/ul	97
79) Pyrene	19.60	202	49055m	1.778	ng/ul	Ju 05/24/19

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