

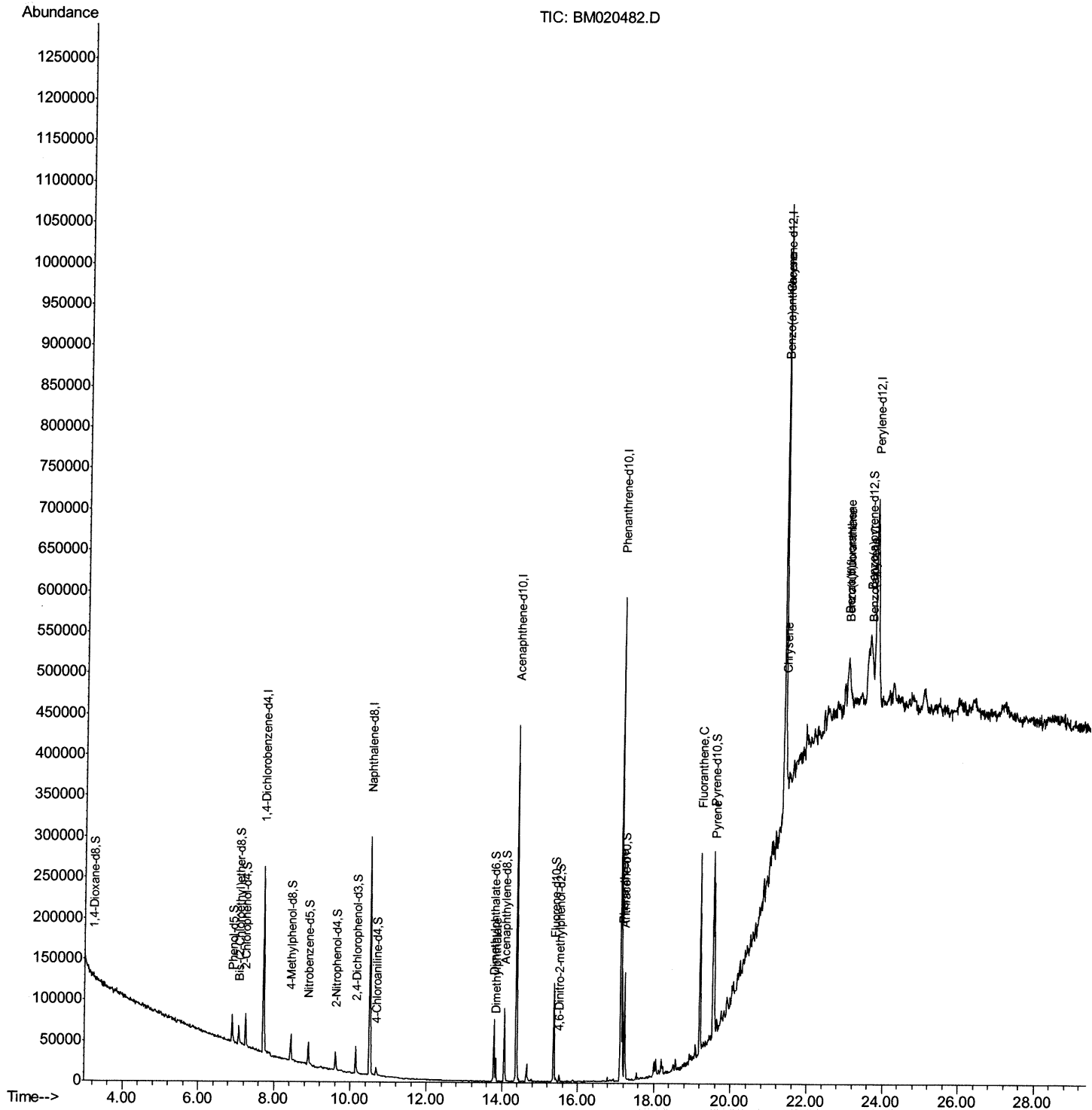
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020482.D
Acq On : 22 May 2019 04:41
Operator : JU/SJ
Sample : K2923-07DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4254DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:45 AM

Quant Time: May 22 07:03:59 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)

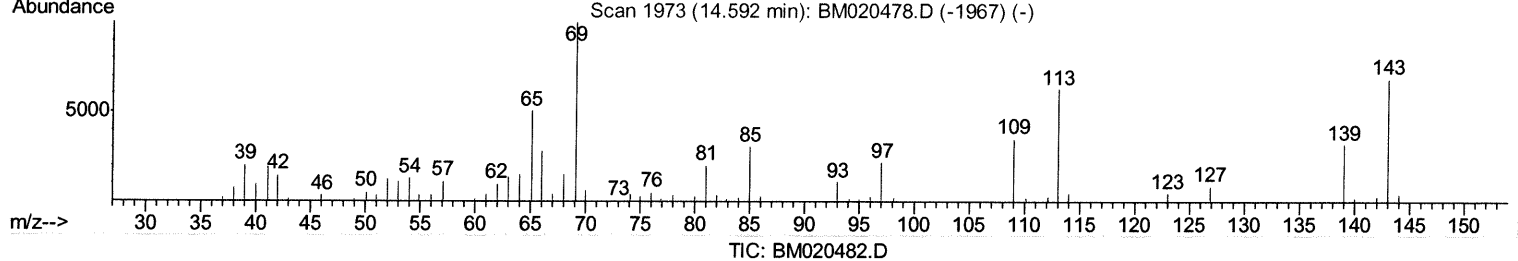
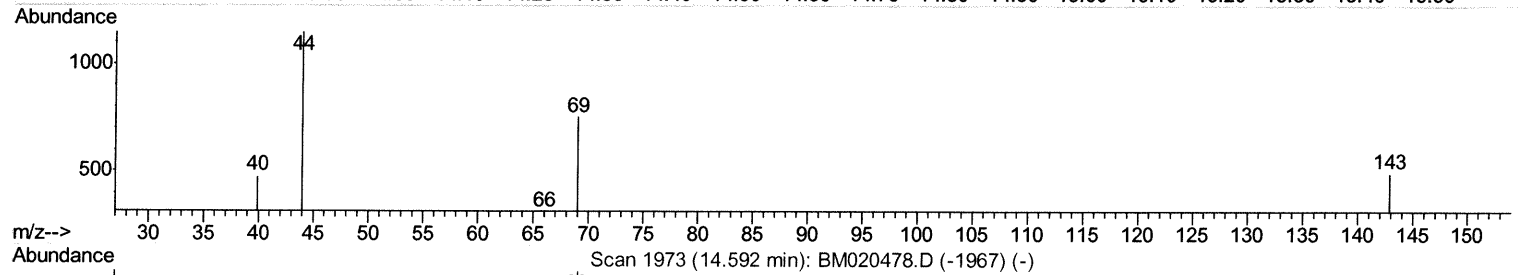
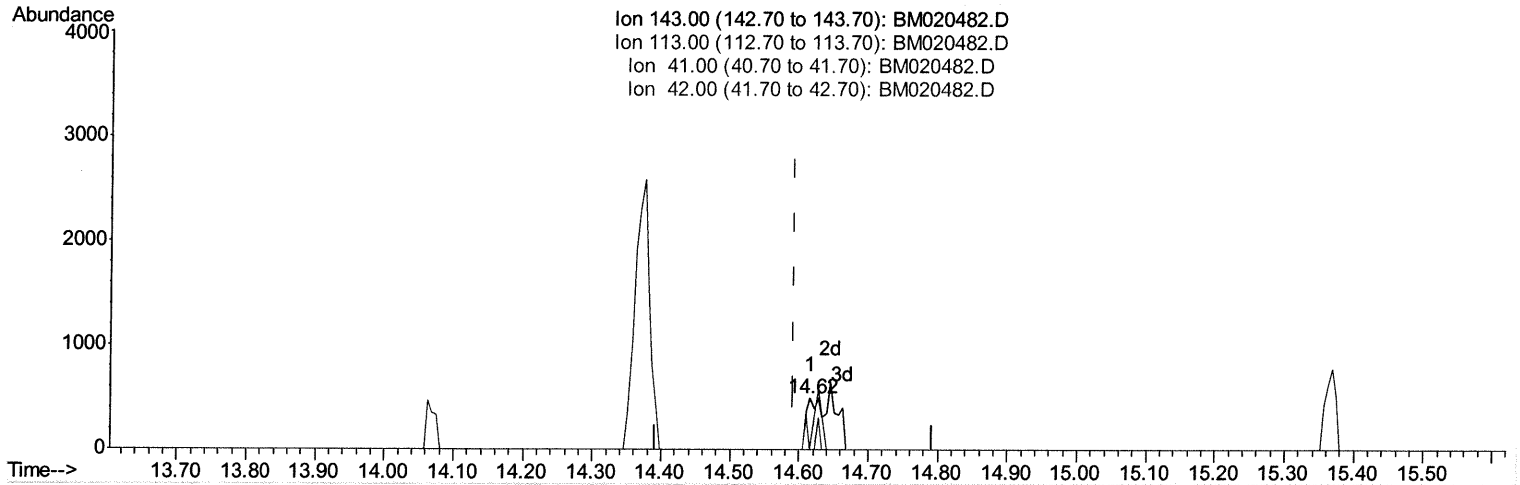
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
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 ALS Vial : 20 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 06:44:38 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



(51) 4-Nitrophenol-d4 (S)

14.616min (+0.023) 0.29ng/ul

response 438

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	0.00#
41.00	31.70	0.00#
42.00	21.50	0.00#

Quantitation Report (Qedit)

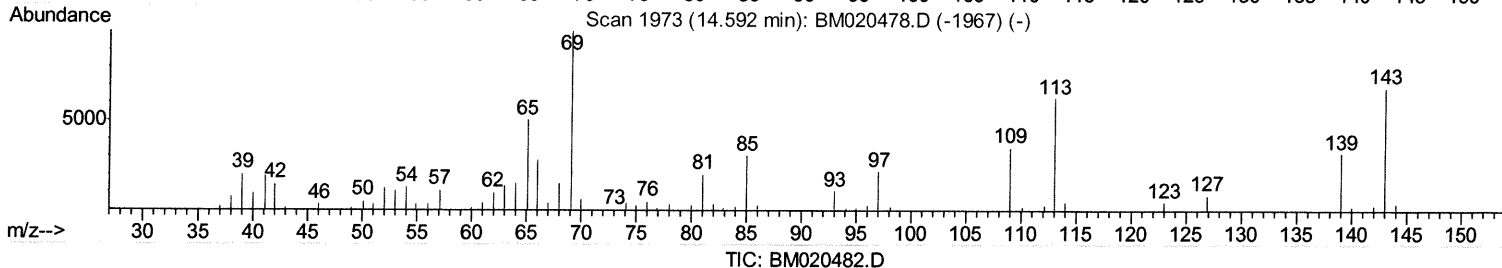
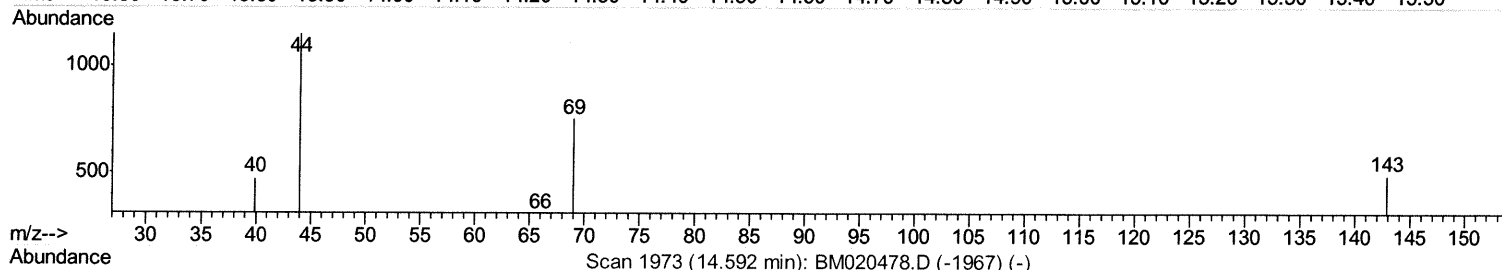
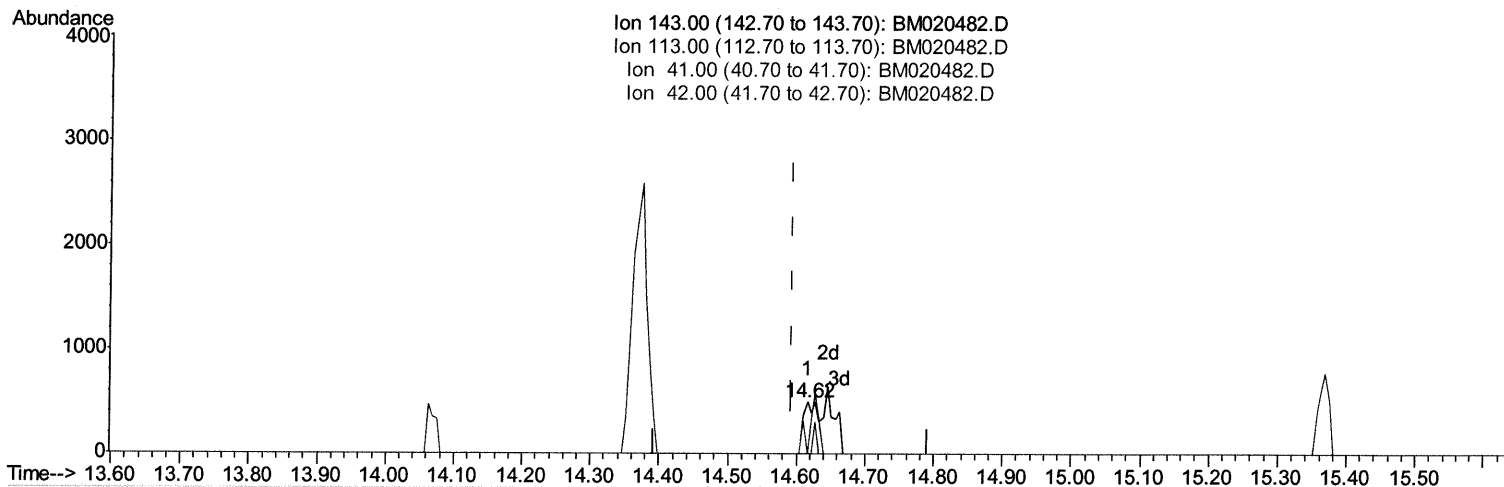
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 06:44:38 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



(51) 4-Nitrophenol-d4 (S)

14.616min (+0.023) 0.48ng/ul m *JU 5/24/19*

response 719

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	0.00#
41.00	31.70	0.00#
42.00	21.50	0.00#

Quantitation Report (Qedit)

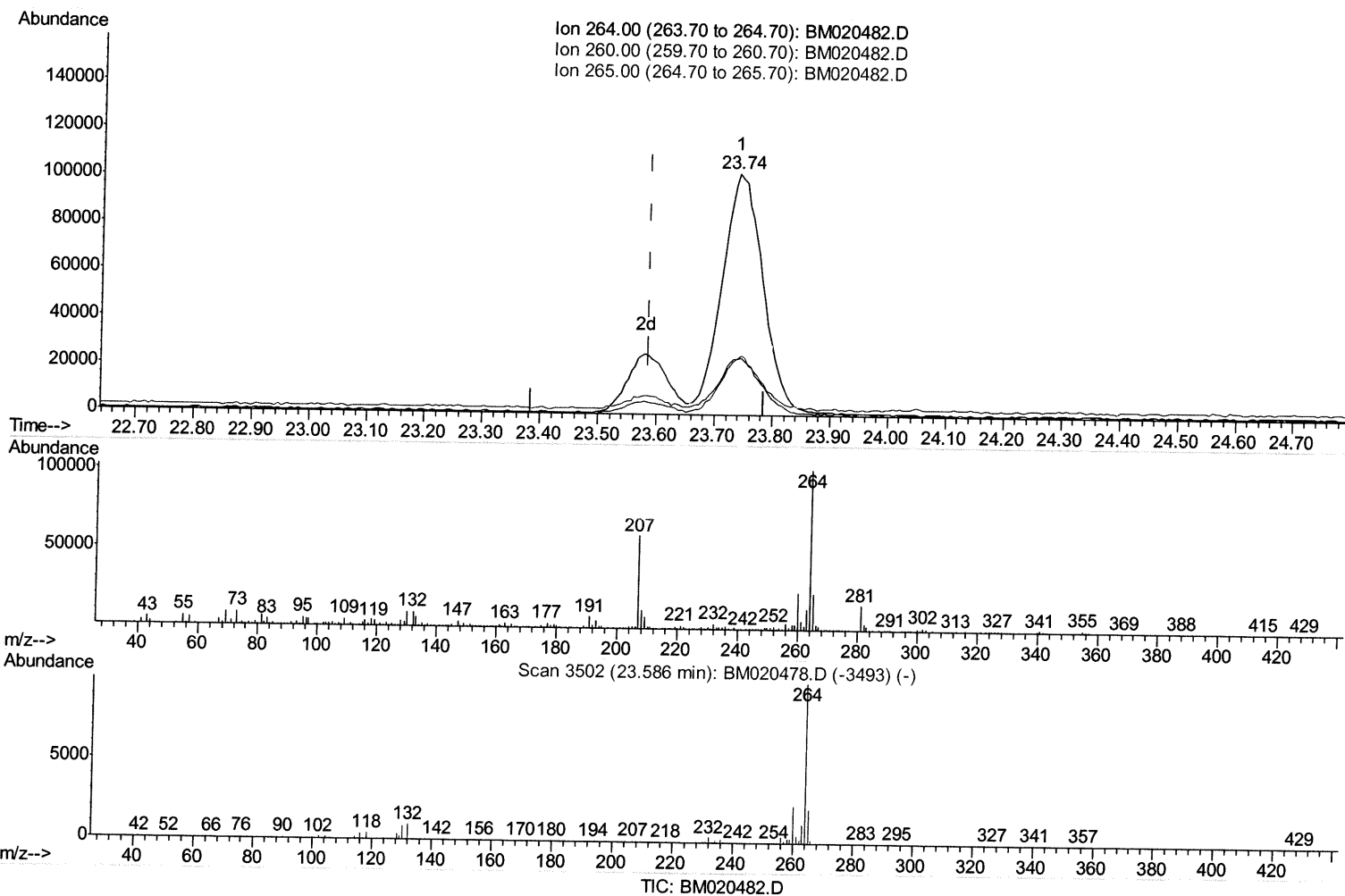
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020482.D
Acq On : 22 May 2019 04:41
Operator : JU/SJ
Sample : K2923-07DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4254DL

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:45 AM

Quant Time: May 22 06:44:38 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 436271

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	23.31
265.00	21.90	23.09
0.00	0.00	0.00

Quantitation Report (Qedit)

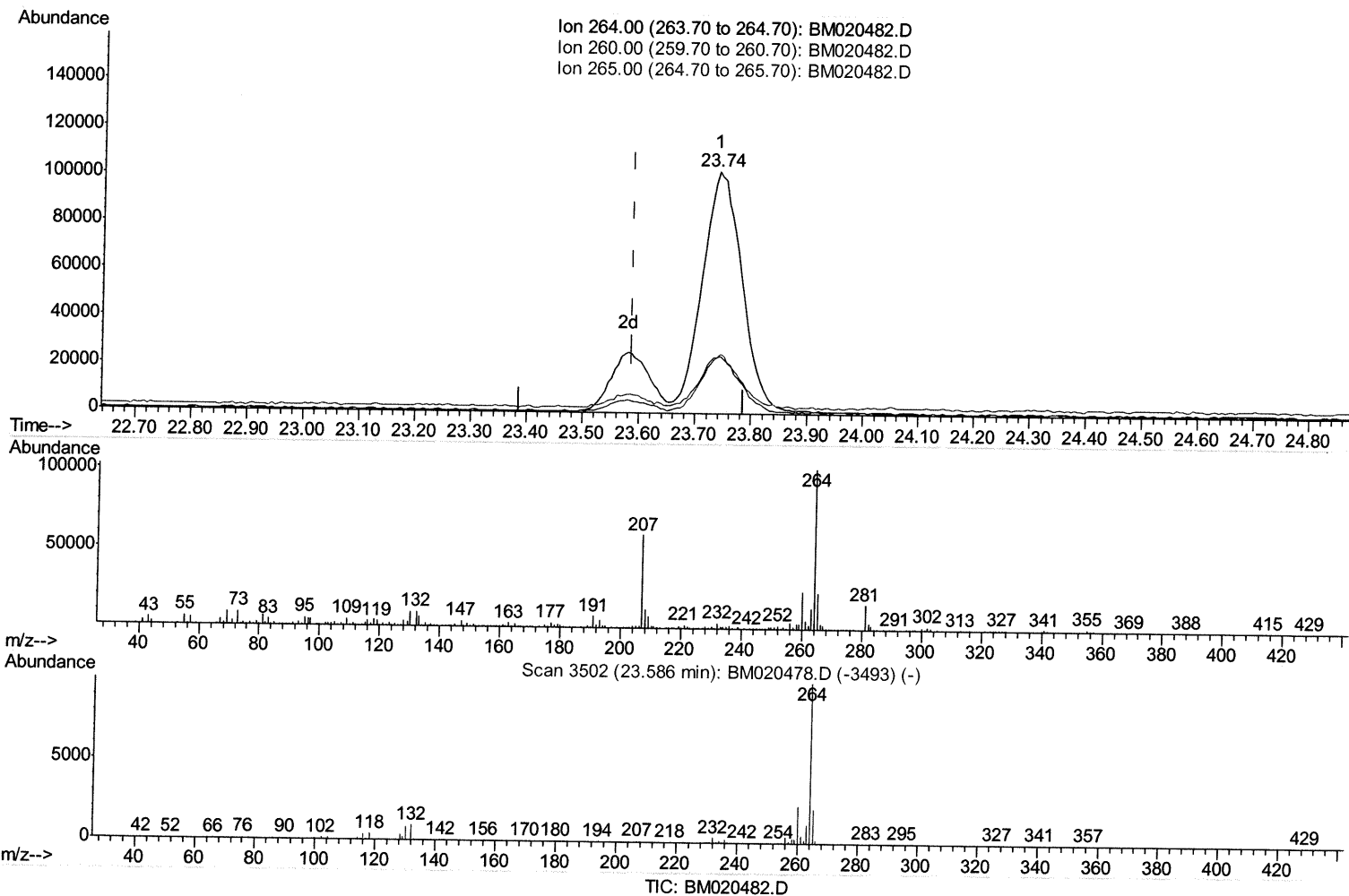
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:00:20 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



(85) Perylene-d12 (I)

23.739min (+0.153) 20.00ng/ul m *JU 05/24/19*

response 496841

Ion	Exp%	Act%
264.00	100	100
260.00	23.60	23.31
265.00	21.90	23.09
0.00	0.00	0.00

Quantitation Report (Qedit)

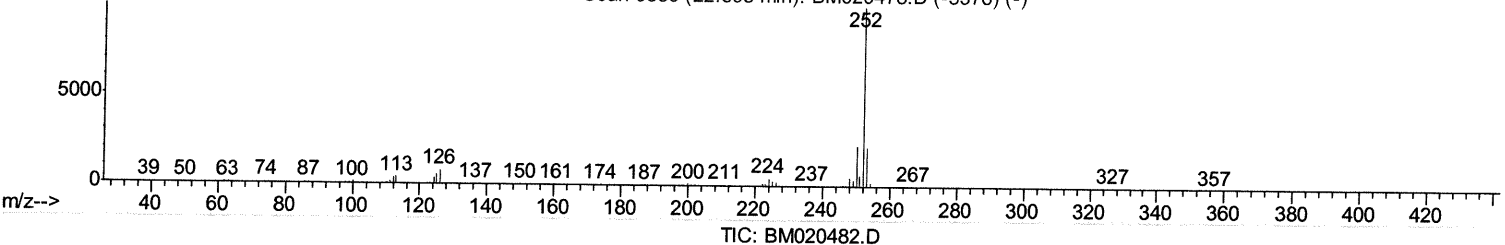
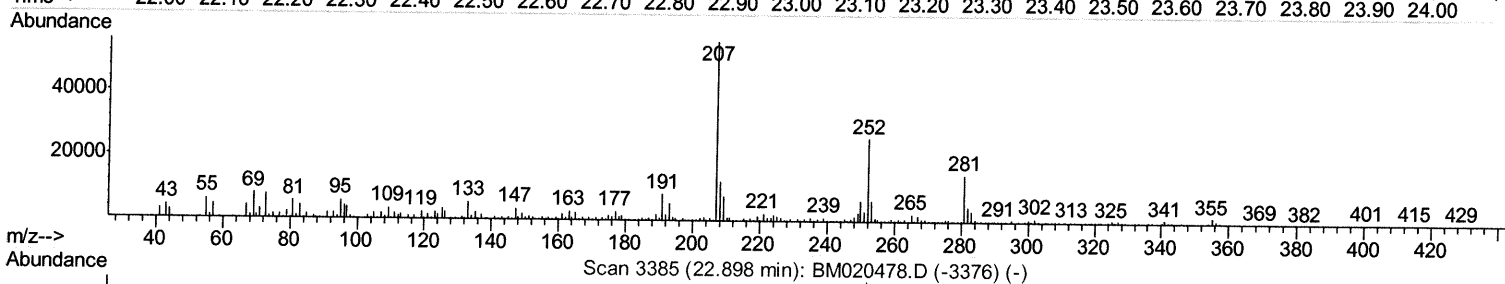
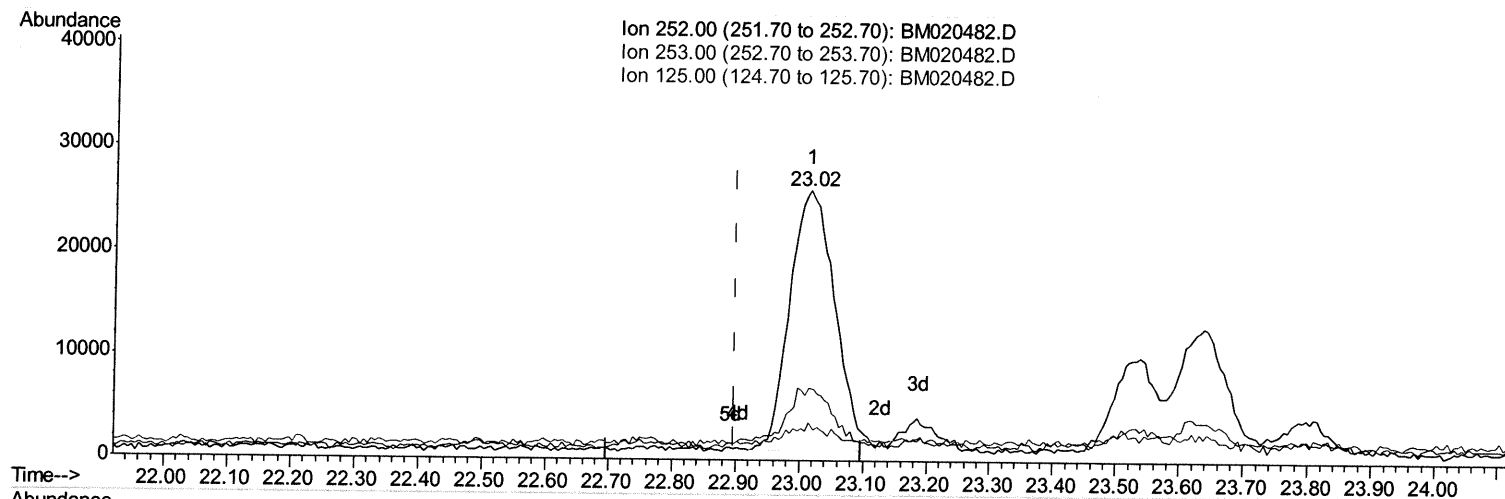
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:02:23 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



(87) Benzo(b)fluoranthene

23.015min (+0.117) 4.32ng/ul

response 122367

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	26.79#
125.00	6.20	14.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

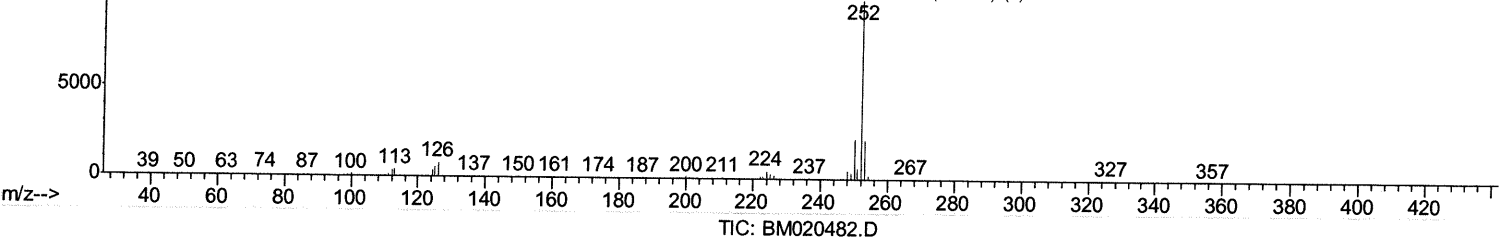
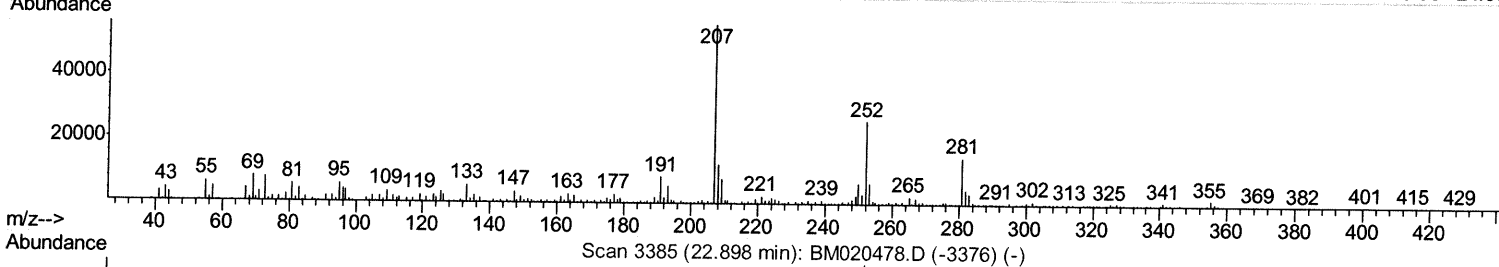
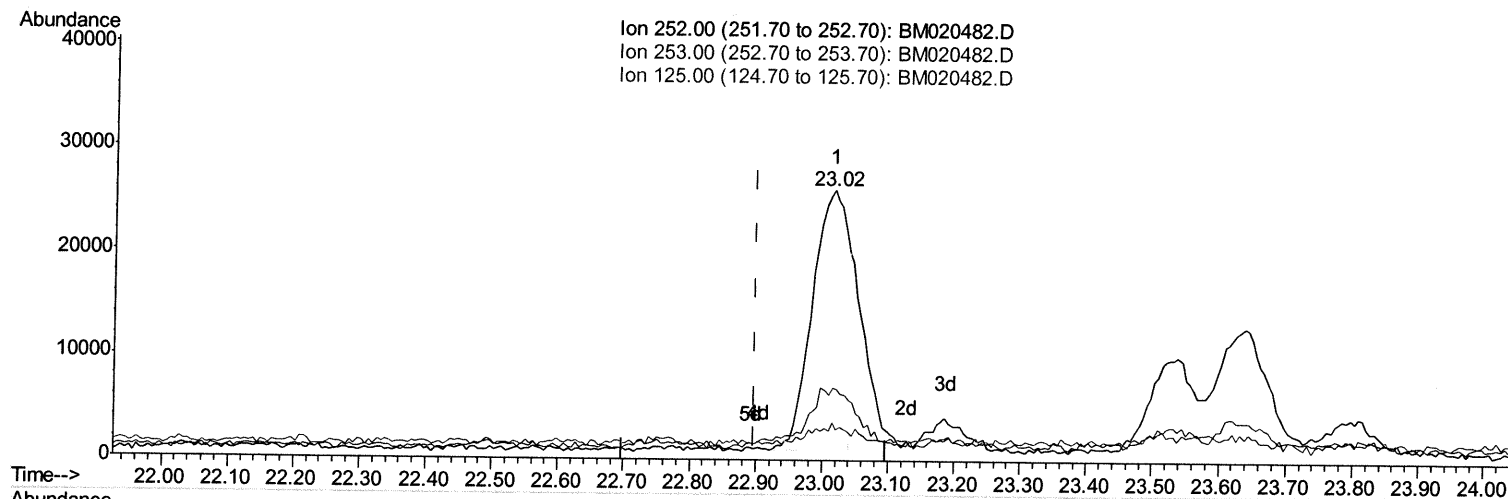
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:02:23 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



(87) Benzo(b)fluoranthene

23.015min (+0.117) 3.23ng/ul m *JU*
05/22/19

response 91609

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	26.79#
125.00	6.20	14.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

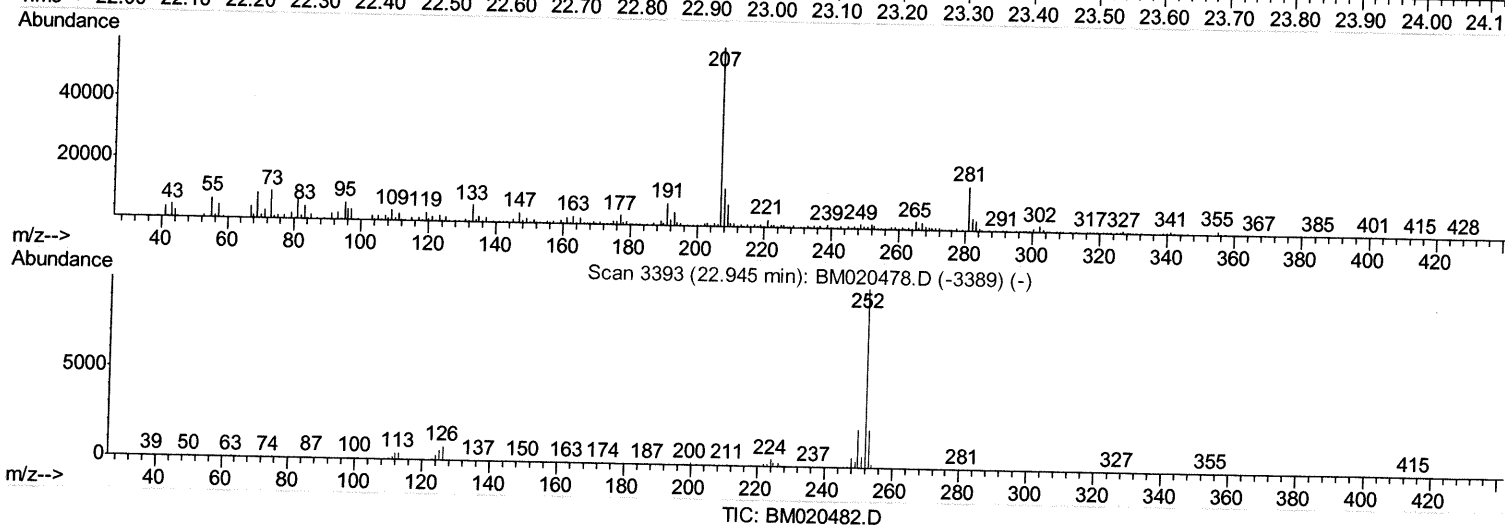
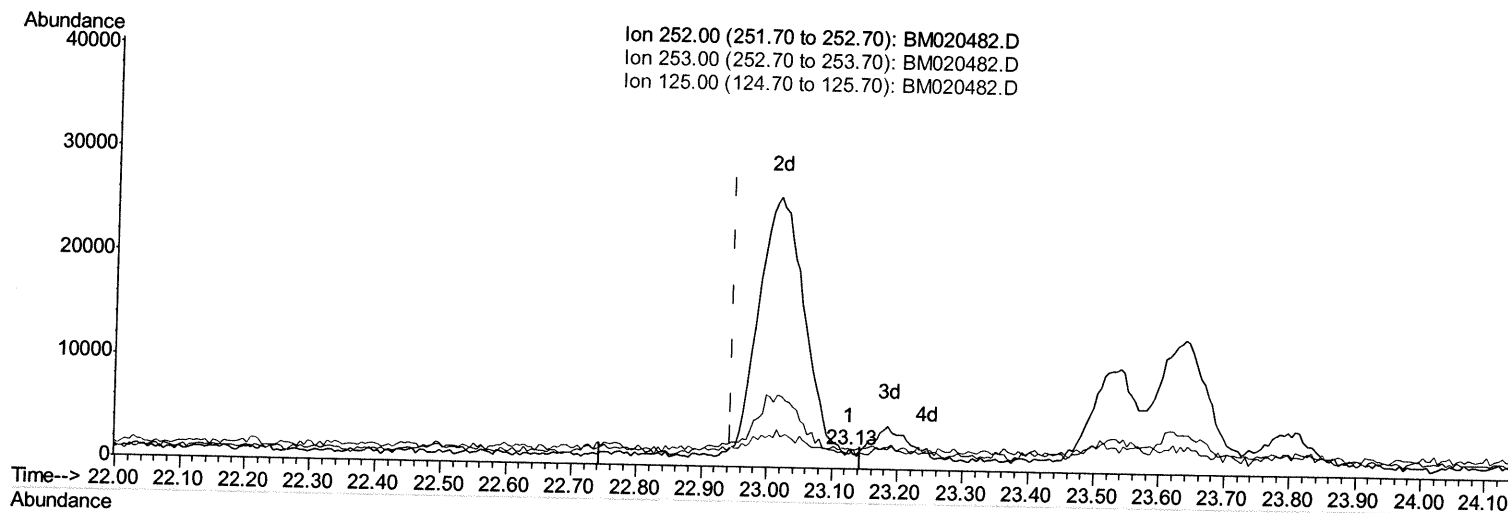
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:02:23 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



(88) Benzo(k)fluoranthene

23.127min (+0.182) 0.01ng/ul

response 285

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	75.03#
125.00	6.30	112.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

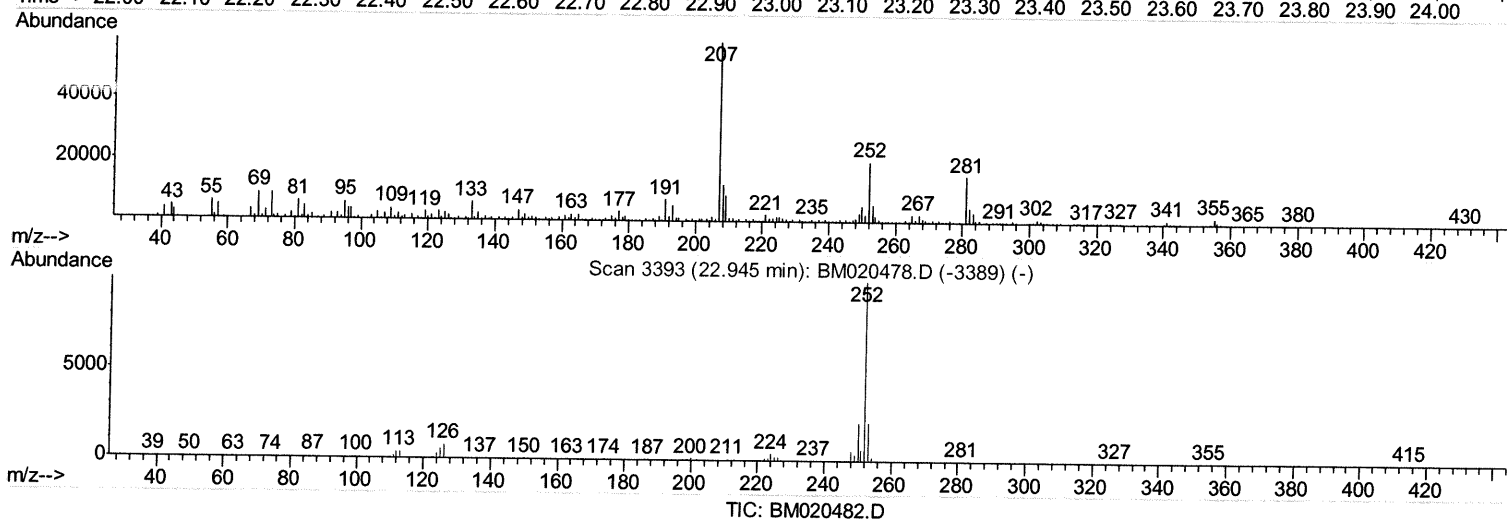
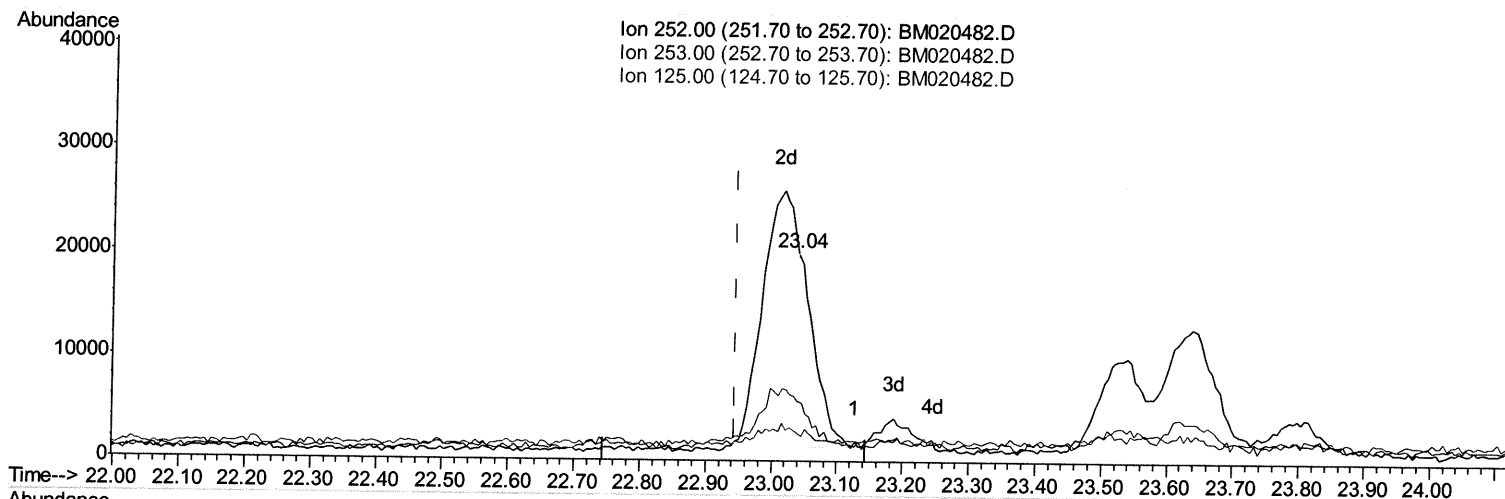
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:02:23 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



(88) Benzo(k)fluoranthene

23.039min (+0.094) 1.06ng/ul m ^{JU} 05/24/19

response 29553

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	28.86#
125.00	6.30	13.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020482.D
 Acq On : 22 May 2019 04:41
 Operator : JU/SJ
 Sample : K2923-07DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 A4254DL

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:45 AM

Quant Time: May 22 07:03:59 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	64287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	239031	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	144859	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	358658	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	397344	20.00	ng/ul	0.03
85) Perylene-d12	23.74	264	496841m	20.00	ng/ul	0.15

JU 05/24/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1991	1.14	ng/uL	0.00
5) Phenol-d5	6.89	99	22615	4.41	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.06	67	13589	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	18971	5.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	15702	4.20	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	6552	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	7723	4.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	15815	4.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	10424	2.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	52527	5.04	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	66092	5.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	719m	0.48	ng/ul	0.02
57) Fluorene-d10	15.37	176	51377	5.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	2328	1.14	ng/ul	0.00
70) Anthracene-d10	17.22	188	79465	5.17	ng/ul	0.00
78) Pyrene-d10	19.53	212	101920	5.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.58	264	120776	5.35	ng/ul	0.14

JU 05/24/19

Target Compounds

					Qvalue
44) Dimethylphthalate	13.83	163	19913	1.931	ng/ul 99
69) Phenanthrene	17.17	178	82187	4.809	ng/ul 99
76) Fluoranthene	19.19	202	150359	6.965	ng/ul 99
79) Pyrene	19.56	202	120444	5.050	ng/ul 98
82) Benzo(a)anthracene	21.33	228	62747	2.624	ng/ul 93
84) Chrysene	21.38	228	64058	2.803	ng/ul 92
87) Benzo(b)fluoranthene	23.02	252	91609m	3.231	ng/ul → 05/24/19 JU
88) Benzo(k)fluoranthene	23.04	252	29553m	1.061	ng/ul → 05/24/19 JU
90) Benzo(a)pyrene	23.64	252	50621	1.897	ng/ul# 80

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