

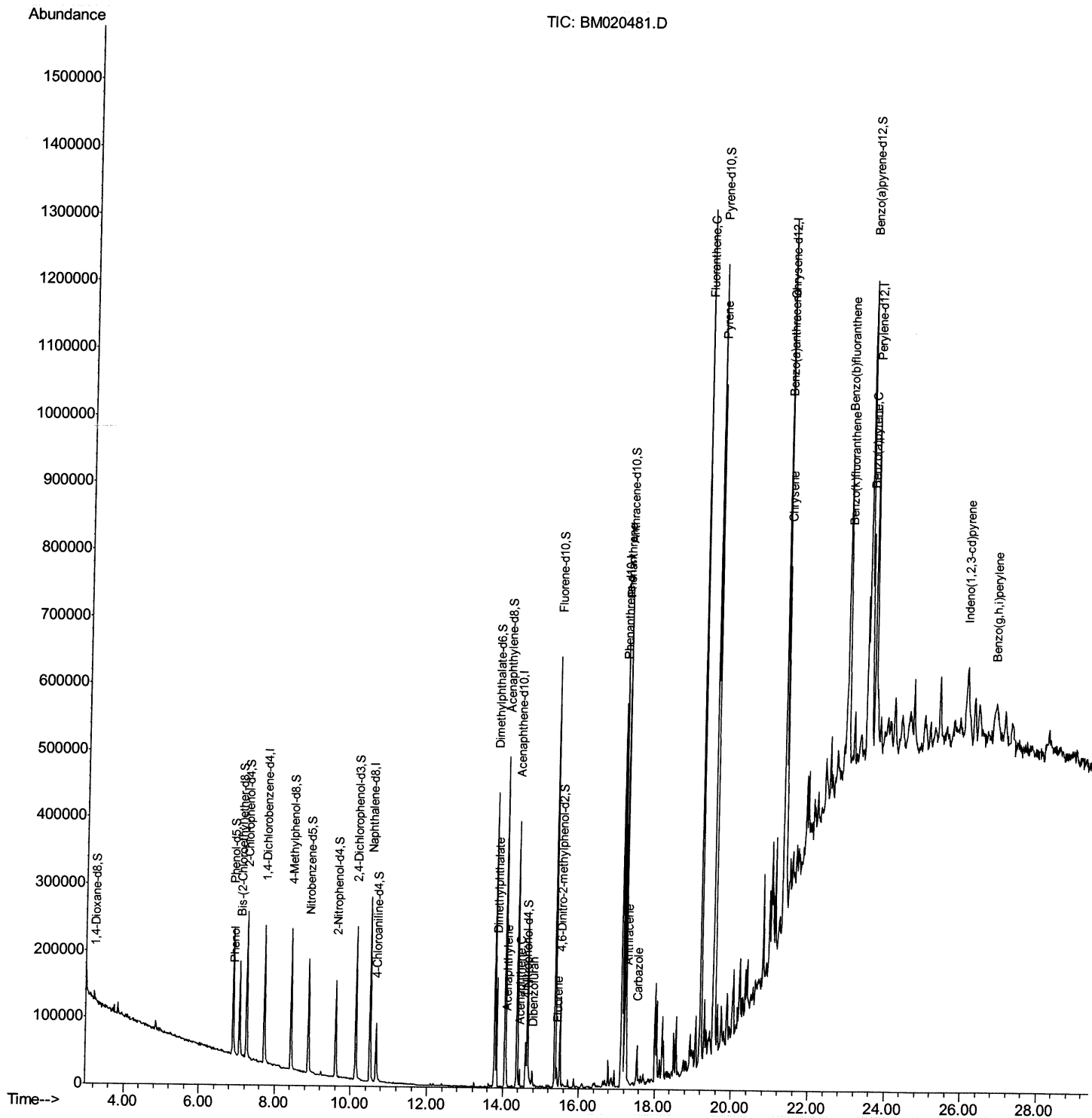
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020481.D
Acq On : 22 May 2019 04:05
Operator : JU/SJ
Sample : K2923-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A4254

Manual Integrations
APPROVED

mohammad
5/23/2019 8:43:42 AM

Quant Time: May 22 06:56:30 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)

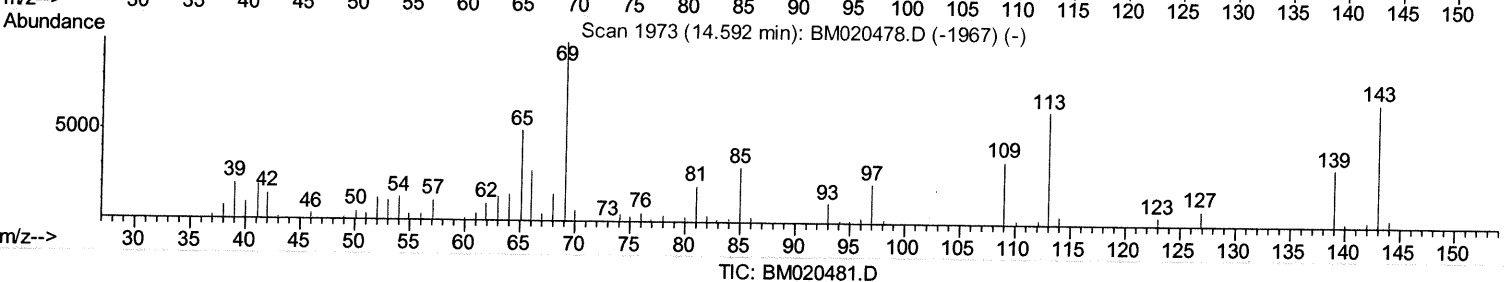
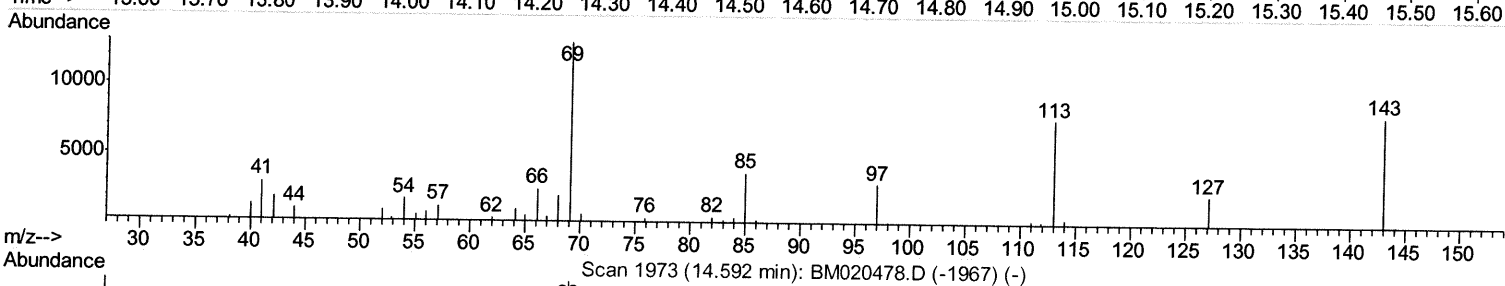
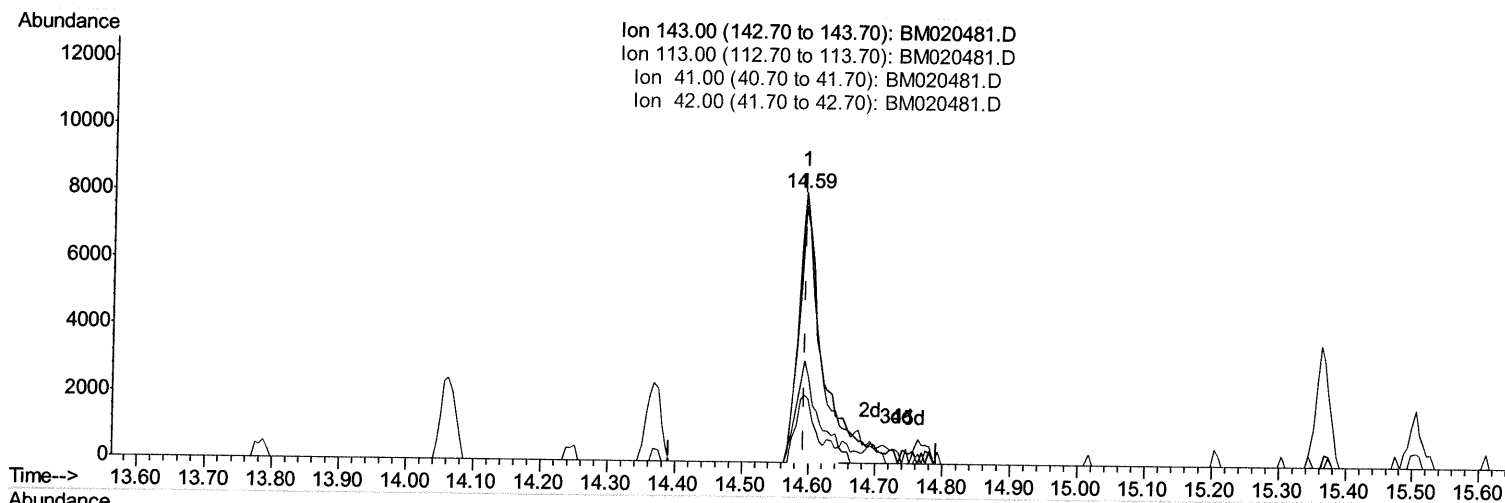
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 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)

14.592min (-0.000) 12.82ng/ul

response 17481

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	95.15
41.00	31.70	37.56
42.00	21.50	24.95

Quantitation Report (Qedit)

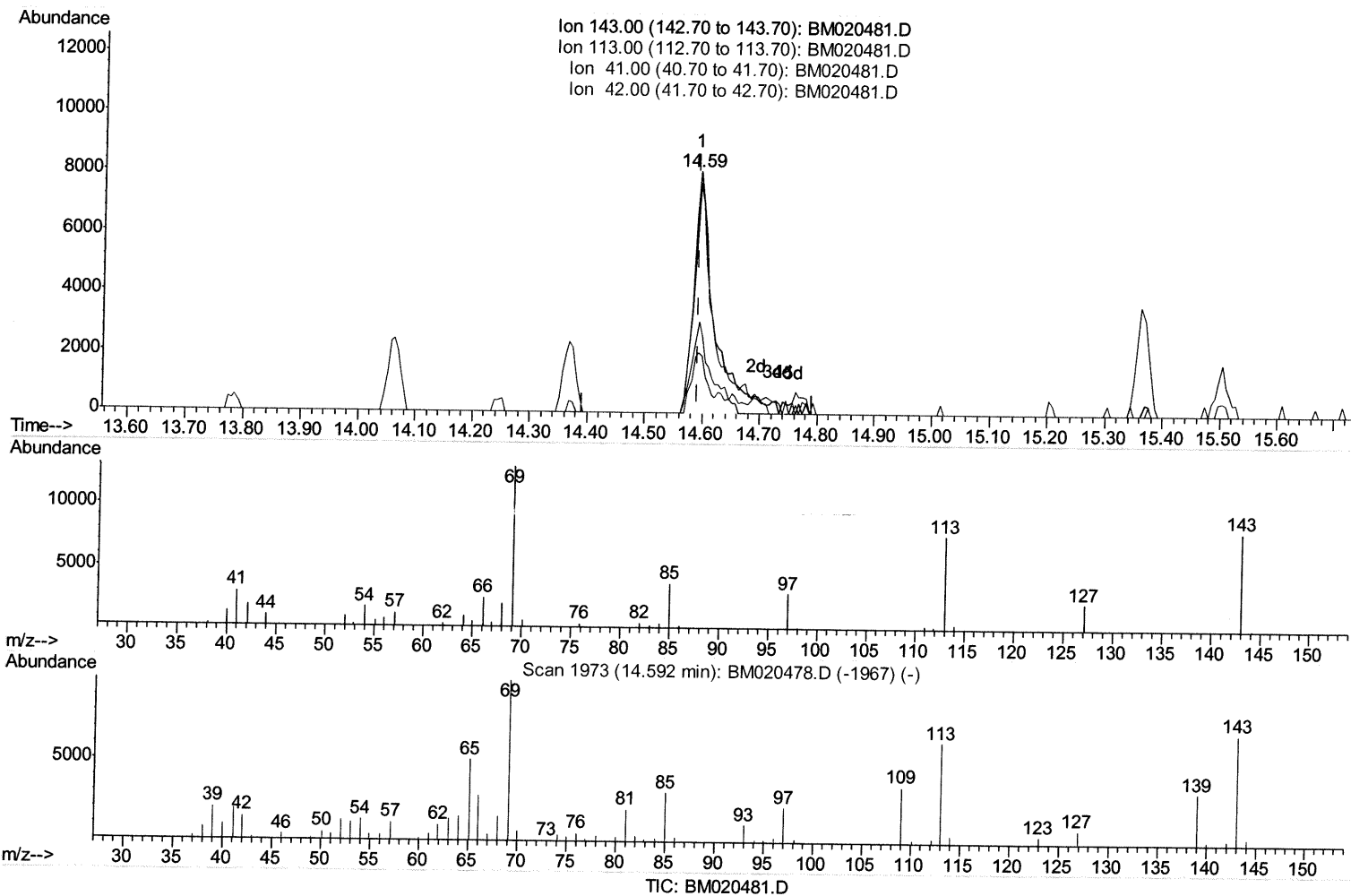
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
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Manual Integrations
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mohammad
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 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.592min (-0.000) 15.09ng/ul m *JU 05/24/19*

response 20578

Ion	Exp%	Act%
143.00	100	100
113.00	99.80	95.15
41.00	31.70	37.56
42.00	21.50	24.95

Quantitation Report (Qedit)

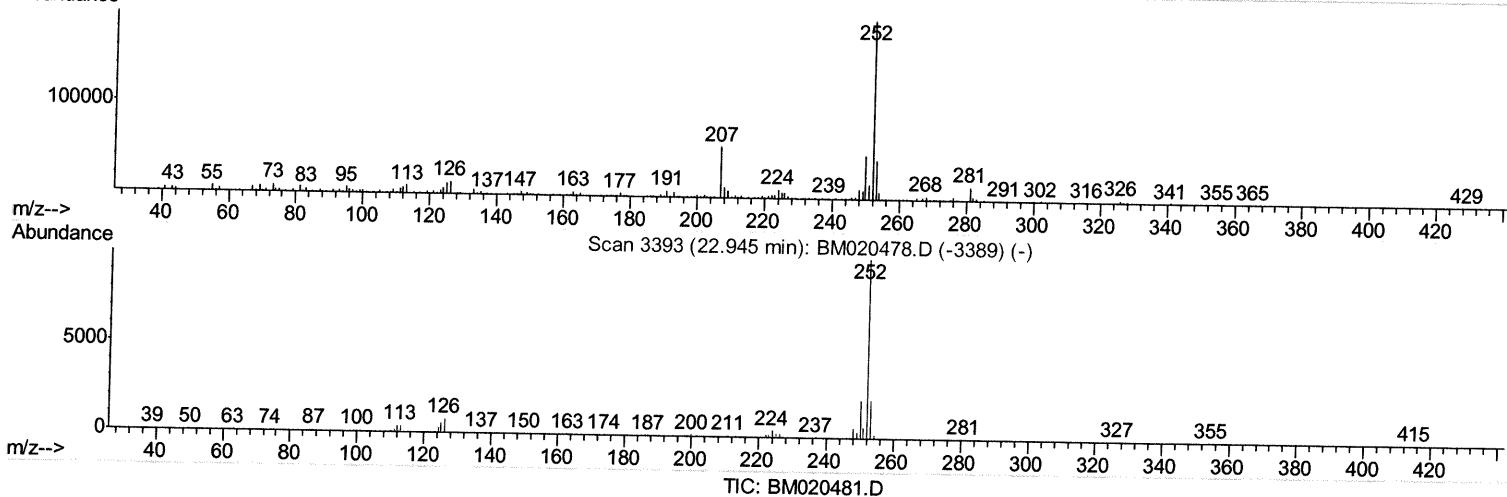
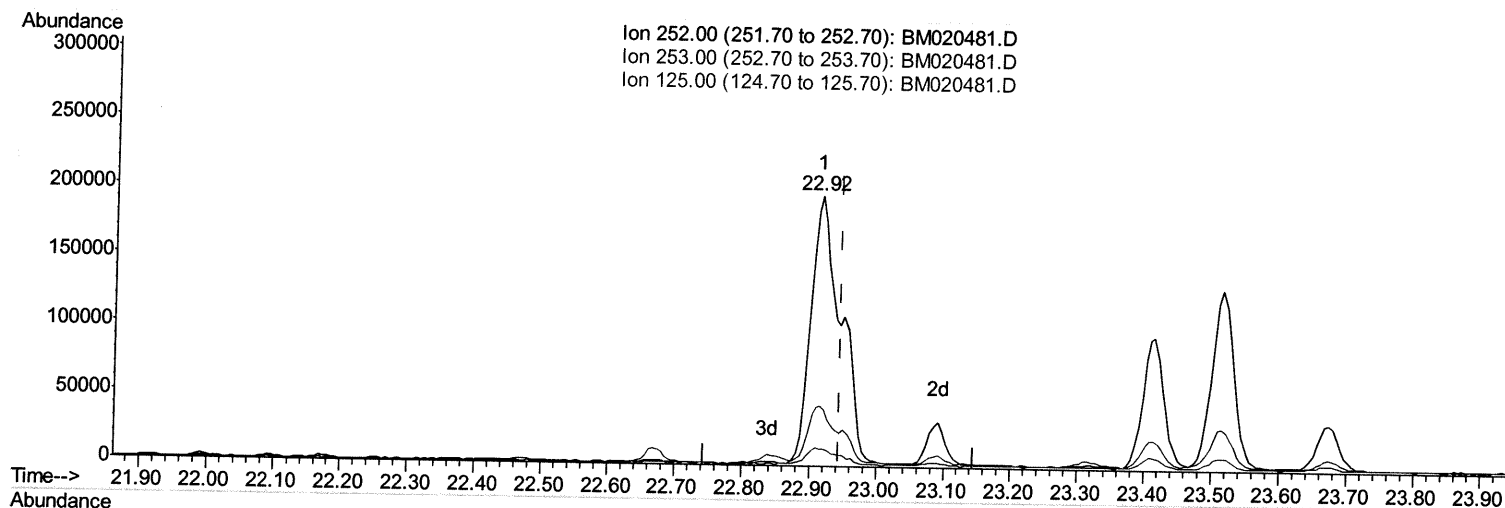
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 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

22.915min (-0.030) 18.16ng/ul

response 476805

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.16
125.00	6.30	6.47
0.00	0.00	0.00

Quantitation Report (Qedit)

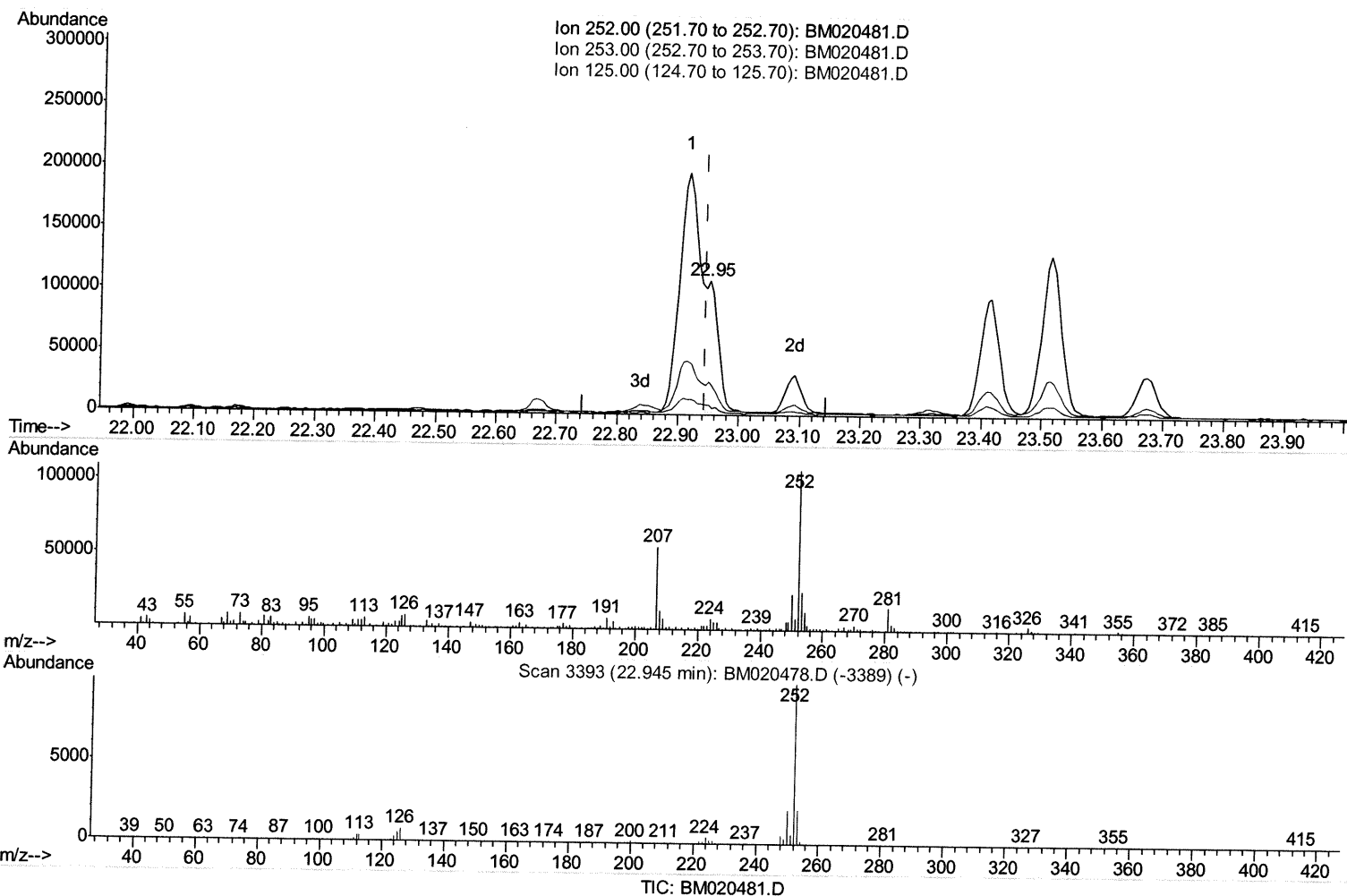
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
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 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 06:40:26 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.950min (+0.006) 4.86ng/ul m *JU 05/22/19*

response 127707

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	24.29
125.00	6.30	7.22
0.00	0.00	0.00

Quantitation Report (Qedit)

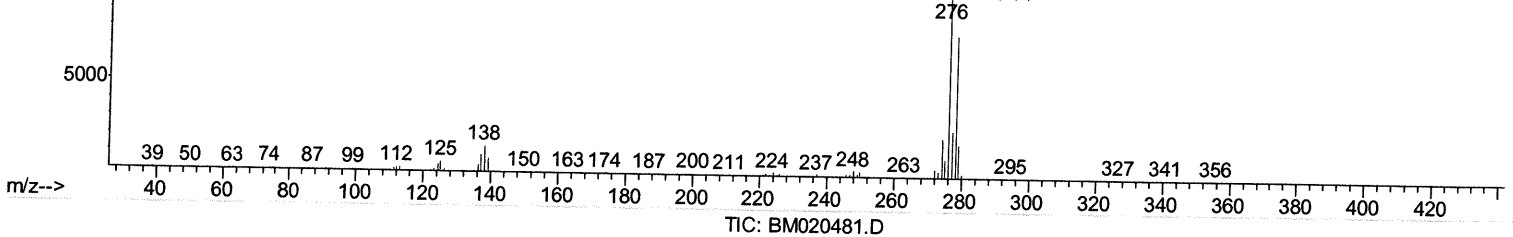
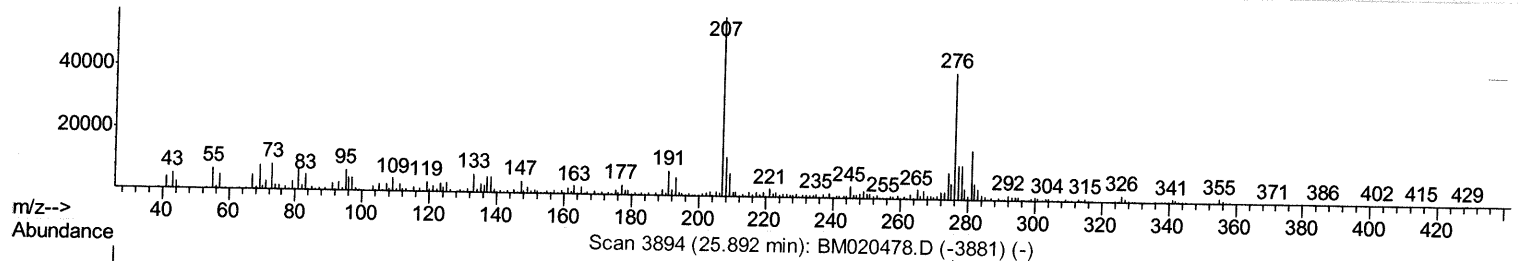
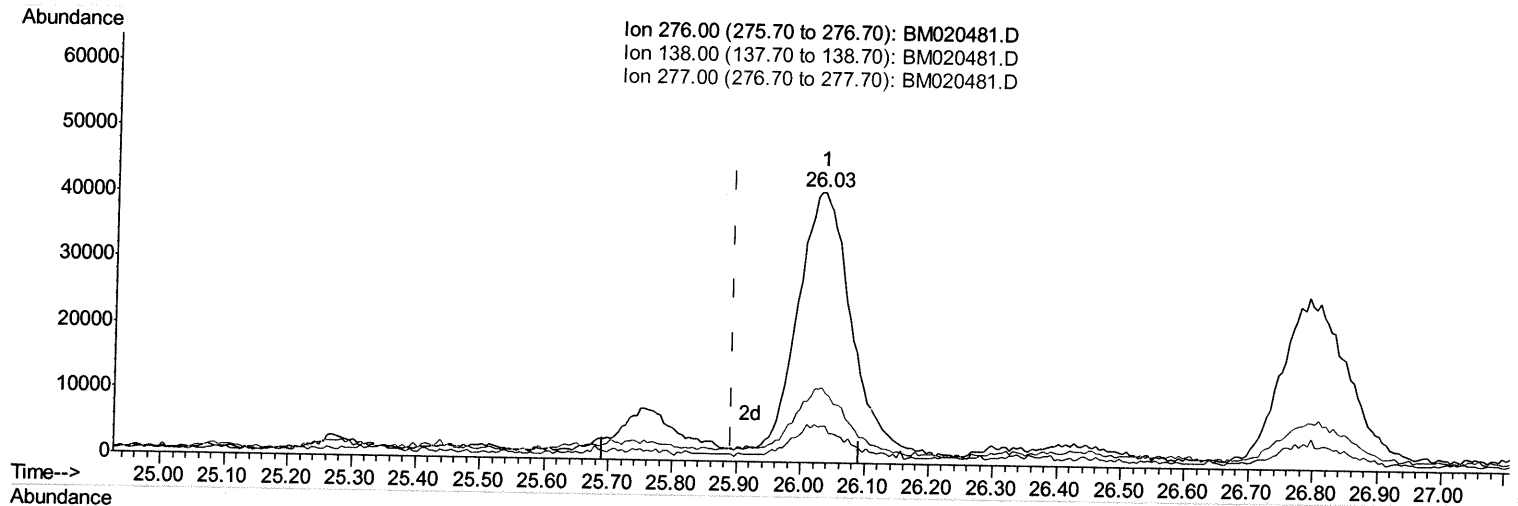
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 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



(91) Indeno(1,2,3-cd)pyrene

26.032min (+0.141) 7.33ng/ul

response 209995

Ion	Exp%	Act%
276.00	100	100
138.00	15.40	13.50
277.00	25.00	27.77
0.00	0.00	0.00

Quantitation Report (Qedit)

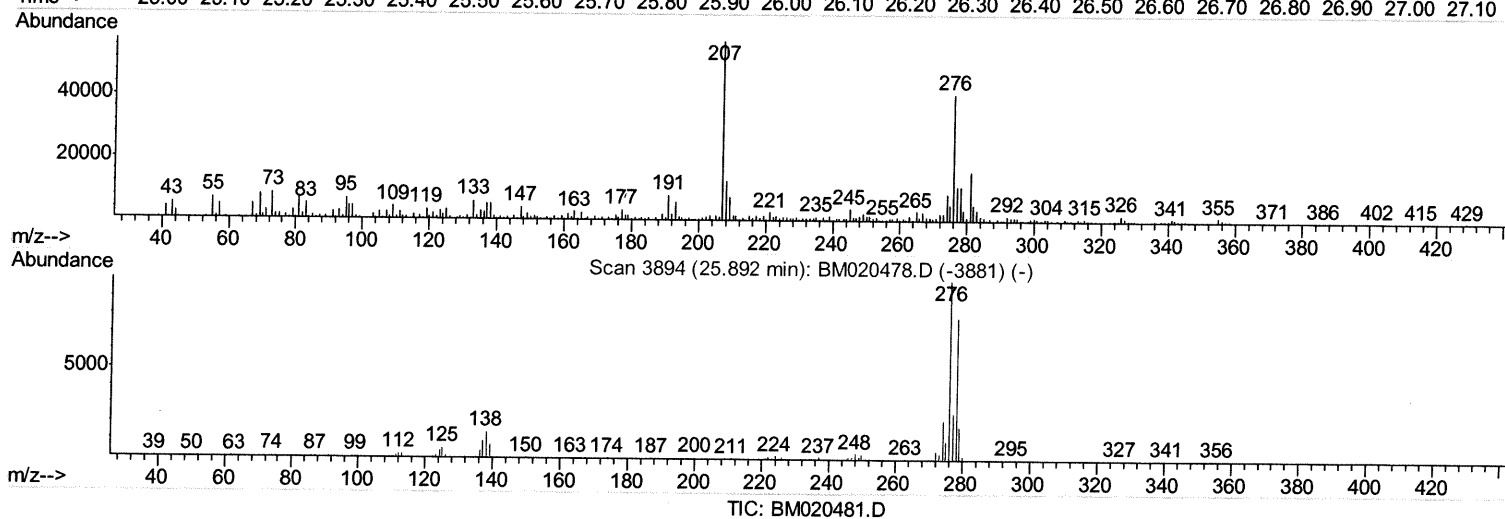
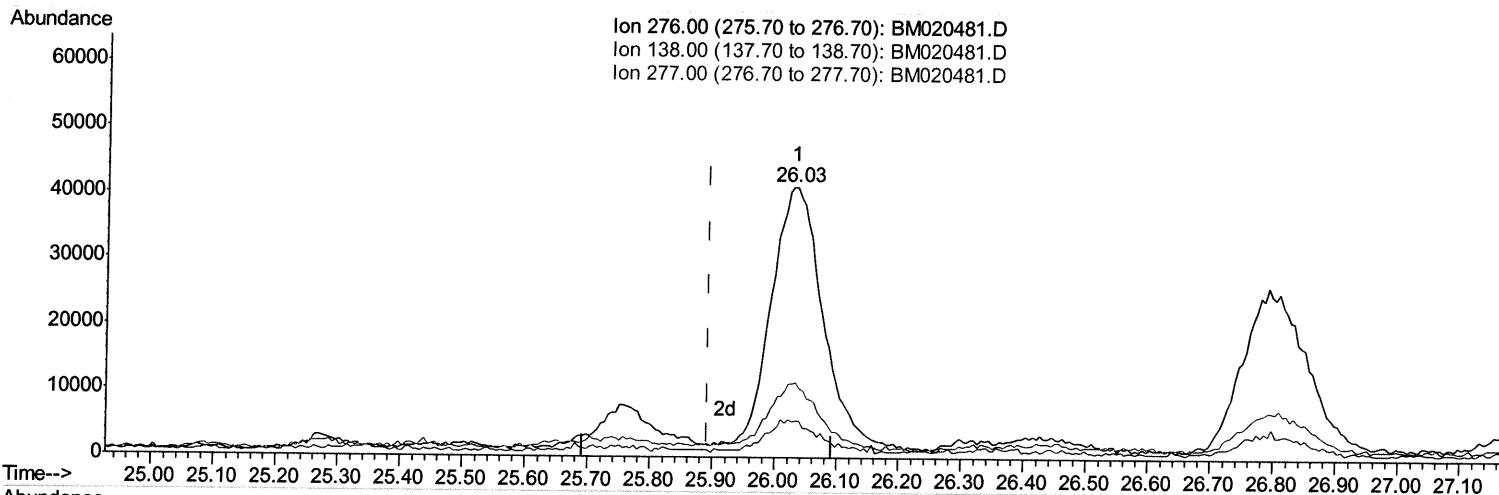
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 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



(91) Indeno(1,2,3-cd)pyrene

26.032min (+0.141) 7.81ng/ul m *JU* 05/24/19

response 223962

Ion	Exp%	Act%
276.00	100	100
138.00	15.40	13.50
277.00	25.00	27.77
0.00	0.00	0.00

Quantitation Report (Qedit)

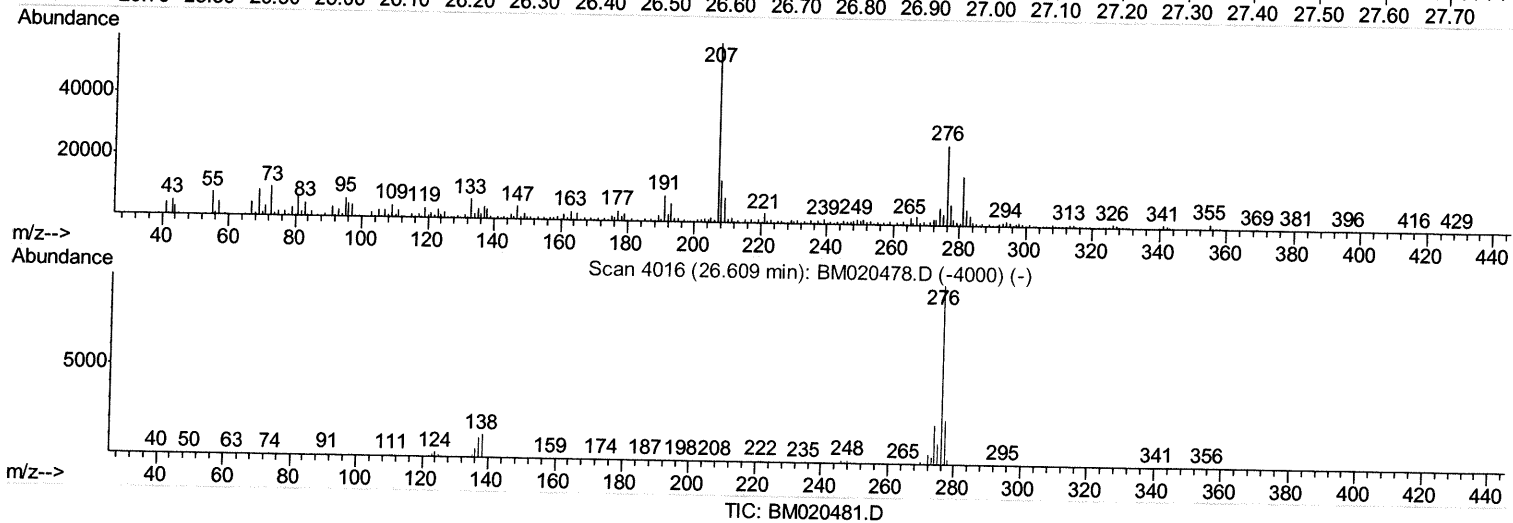
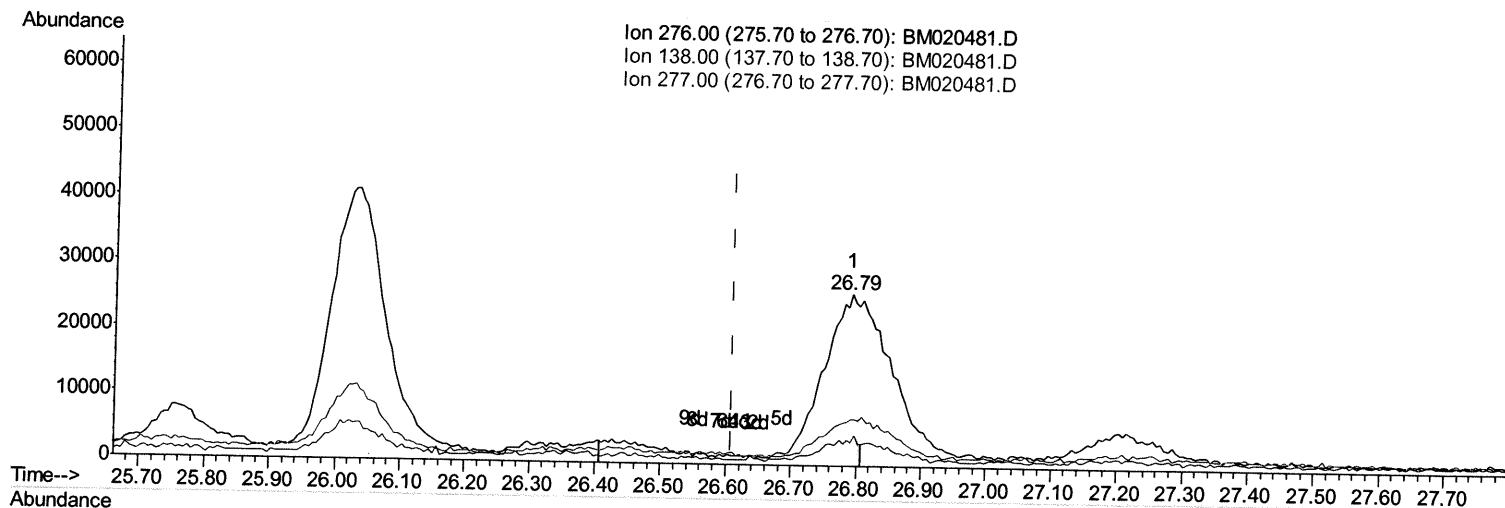
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
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 Sample : K2923-07
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

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 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



(93) Benzo(g,h,i)perylene

26.791min (+0.182) 3.70ng/ul

response 87811

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	13.30
277.00	22.80	27.11
0.00	0.00	0.00

Quantitation Report (Qedit)

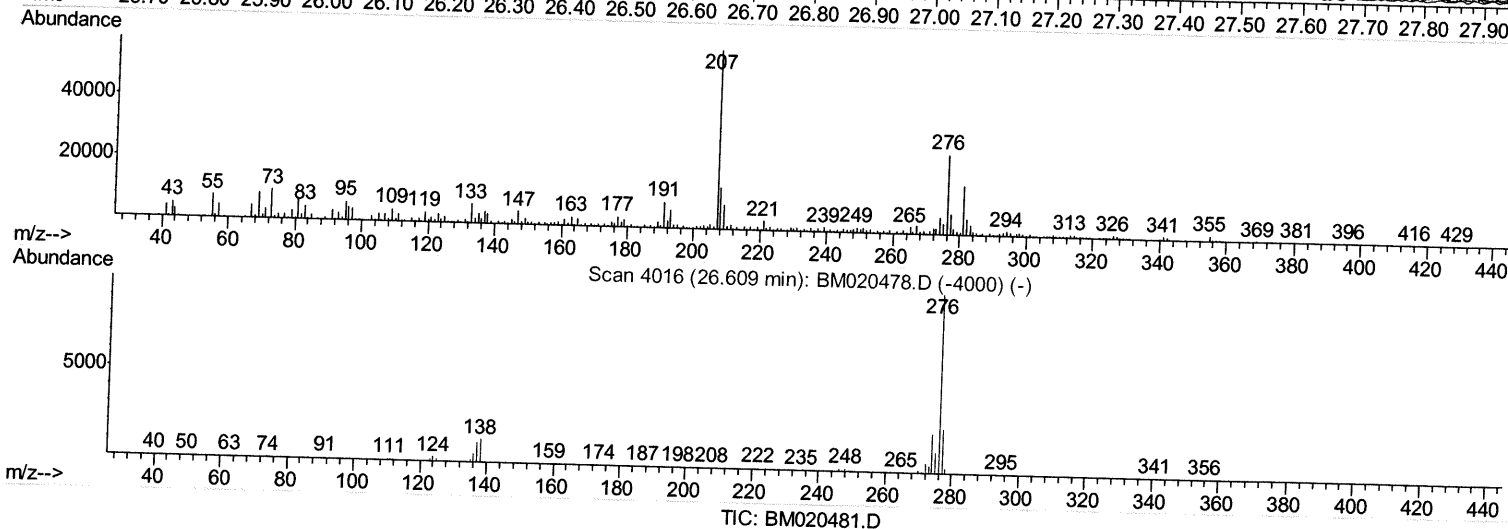
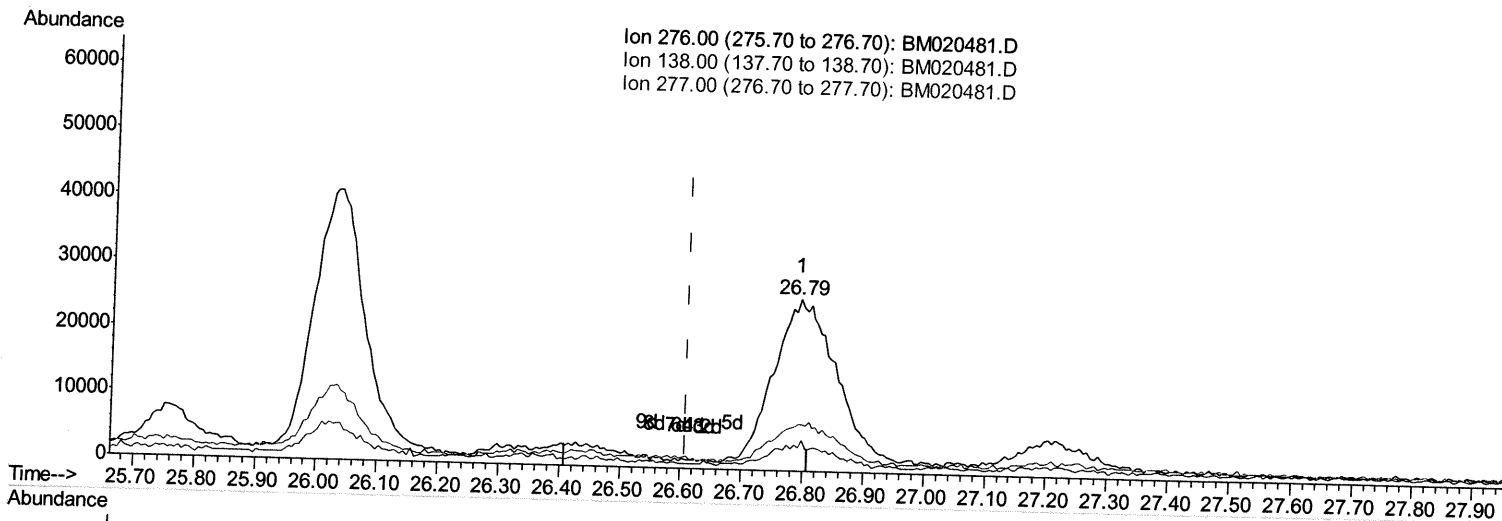
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:44:26 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



(93) Benzo(g,h,i)perylene

26.791min (+0.182) 7.22ng/ul m *5/22/19*

response 171326

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	13.30
277.00	22.80	27.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020481.D
 Acq On : 22 May 2019 04:05
 Operator : JU/SJ
 Sample : K2923-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4254

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:42 AM

Quant Time: May 22 06:56:30 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	58332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	215268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	130520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	330988	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	393384	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	468277	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8036	5.08	ng/uL	0.00
5) Phenol-d5	6.89	99	118314	25.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	73744	24.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	94078	27.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	82816	24.44	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	38461	27.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	43412	28.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	88861	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	53122	15.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	267566	28.49	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	343907	29.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	20578m	15.09	ng/ul	0.00
57) Fluorene-d10	15.37	176	253735	30.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	29006	15.39	ng/ul	0.00
70) Anthracene-d10	17.22	188	410707	28.93	ng/ul	0.00
78) Pyrene-d10	19.52	212	522525	27.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	601399	28.26	ng/ul	0.03

Target Compounds

					Qvalue	
6) Phenol	6.91	94	6156	1.258	ng/ul#	80
44) Dimethylphthalate	13.83	163	98328	10.585	ng/ul	99
47) Acenaphthylene	14.09	152	15165	1.369	ng/ul	98
49) Acenaphthene	14.43	153	10089	1.325	ng/ul	95
53) Dibenzofuran	14.77	168	11746	1.019	ng/ul#	87
58) Fluorene	15.42	166	13145	1.423	ng/ul	90
69) Phenanthrene	17.16	178	402181	25.502	ng/ul	98
71) Anthracene	17.26	178	65065	4.056	ng/ul	98
74) Carbazole	17.53	167	39211	2.880	ng/ul	96
76) Fluoranthene	19.19	202	756908	37.994	ng/ul	99
79) Pyrene	19.55	202	613739	25.993	ng/ul	99
82) Benzo(a)anthracene	21.30	228	311741	13.166	ng/ul	98
84) Chrysene	21.36	228	324627	14.347	ng/ul	95
87) Benzo(b)fluoranthene	22.92	252	476805	17.841	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	127707m	4.865	ng/ul	97
90) Benzo(a)pyrene	23.52	252	291080	11.573	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.03	276	223962m	7.815	ng/ul	97
93) Benzo(g,h,i)perylene	26.79	276	171326m	7.222	ng/ul	97

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