

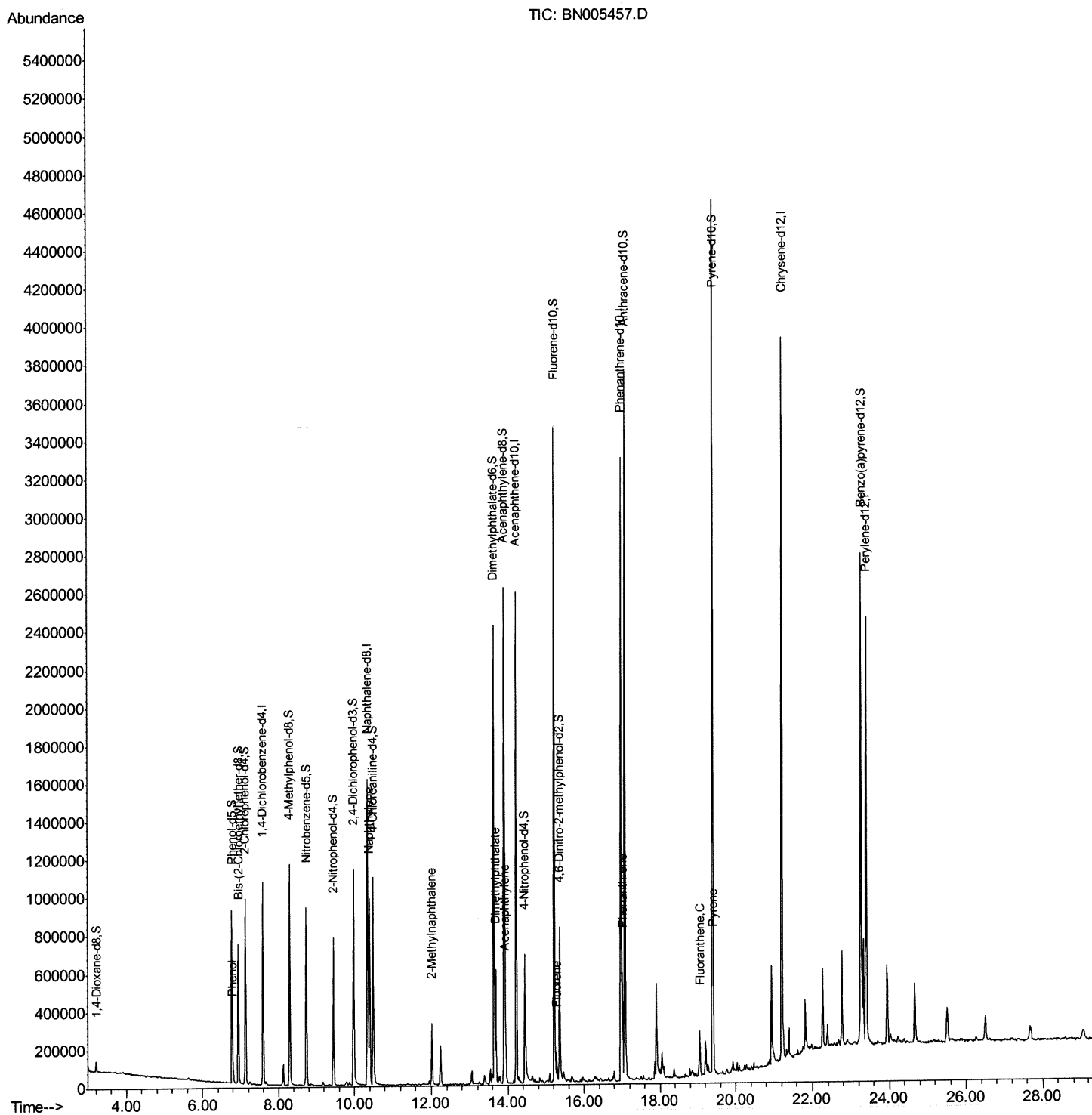
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005457.D
Acq On : 03 May 2019 18:11
Operator : JU/SJ
Sample : K2604-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ83

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:13 AM

Quant Time: May 04 01:35:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

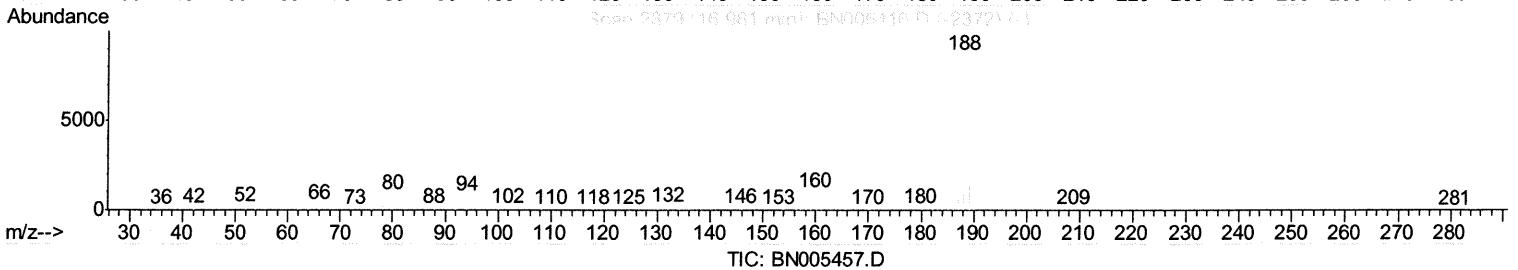
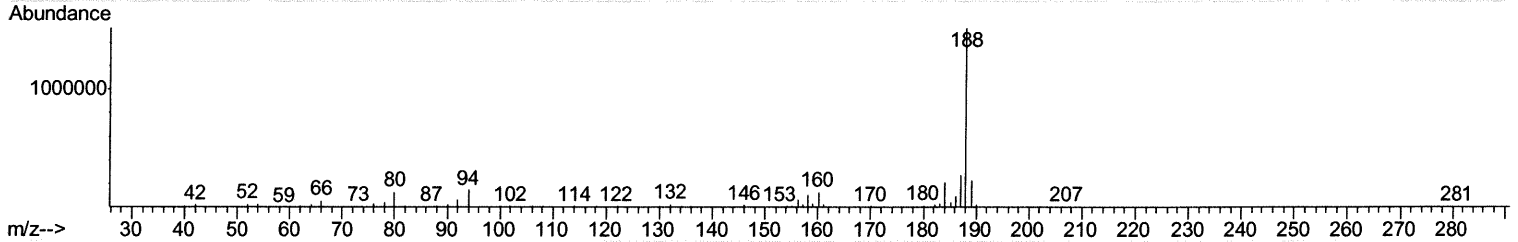
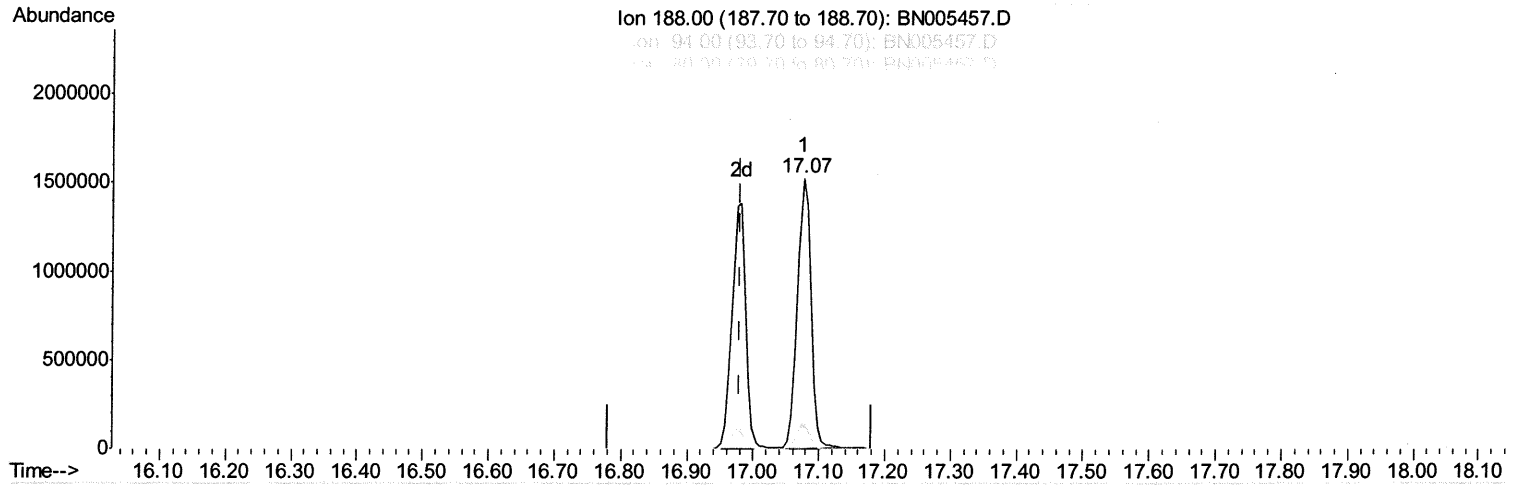
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
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Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:13 AM

Quant Time: May 04 00:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
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(61) Phenanthrene-d10 (I)

17.075min (+0.094) 20.00ng/ul

response 2163159

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	9.40
80.00	10.30	8.53
0.00	0.00	0.00

Quantitation Report (Qedit)

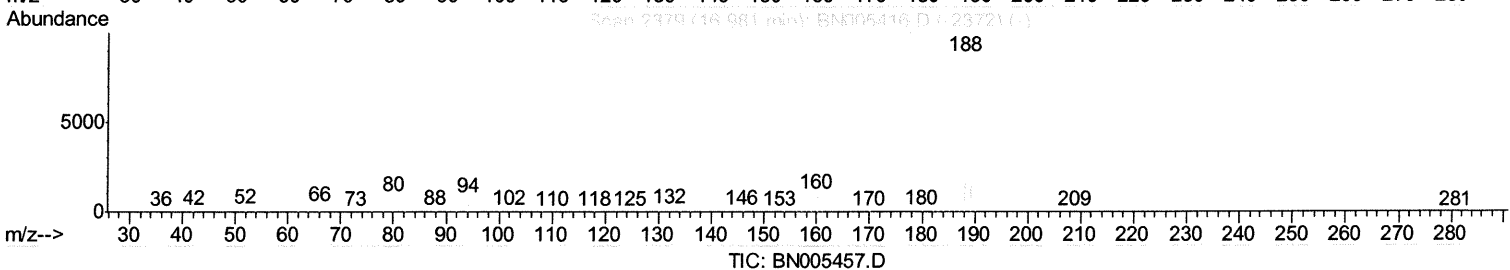
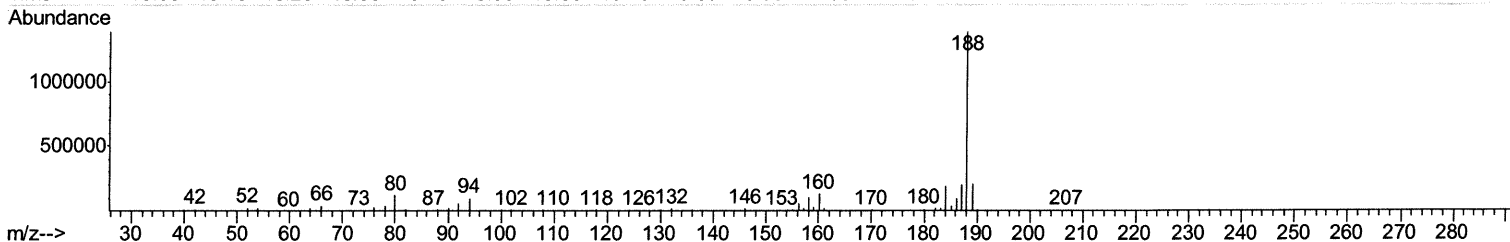
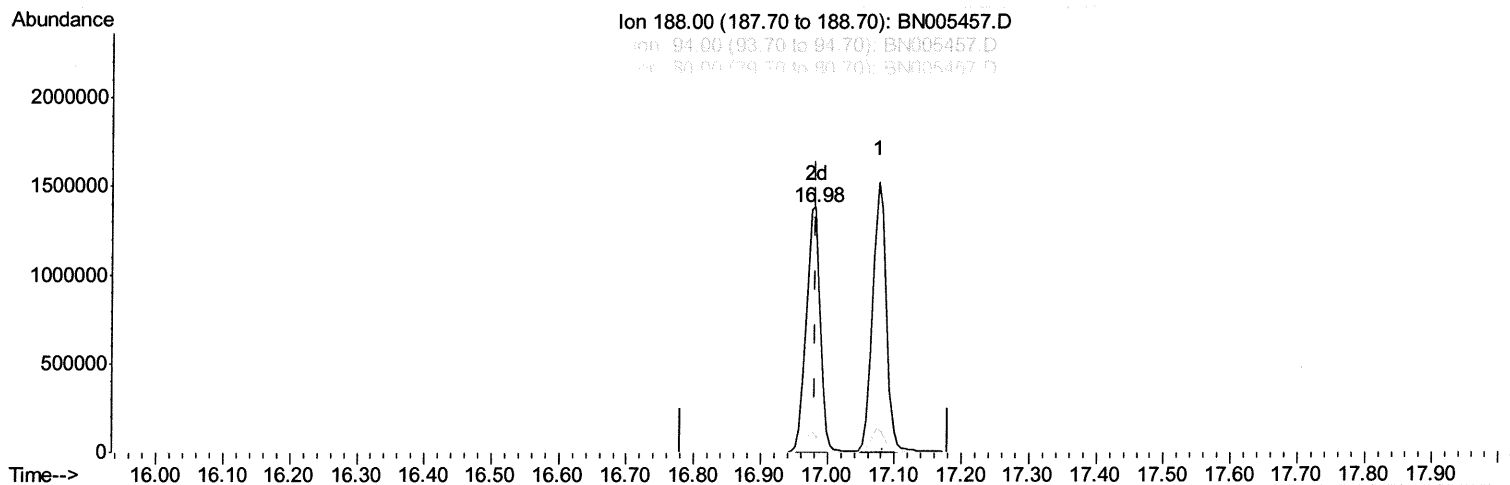
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005457.D
Acq On : 03 May 2019 18:11
Operator : JU/SJ
Sample : K2604-09
Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: May 04 00:57:29 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

16.981min (+0.000) 20.00ng/ul m SJ 05/12/19

response 2023485

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.22#
80.00	10.30	8.72
0.00	0.00	0.00

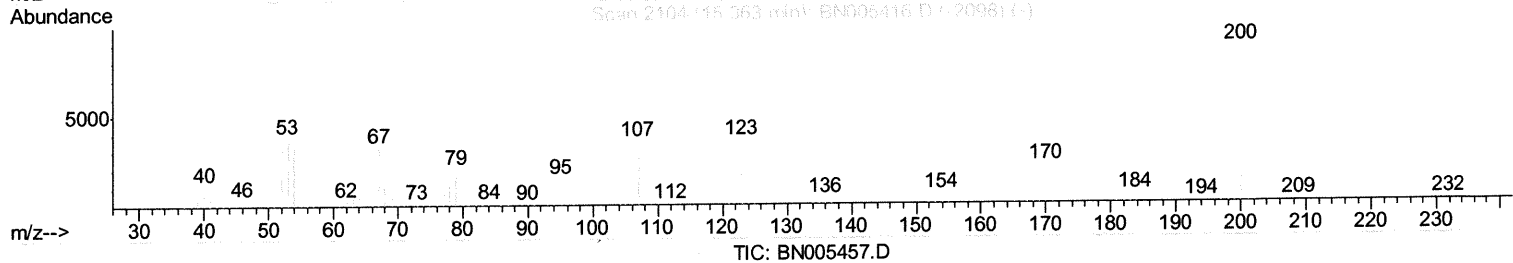
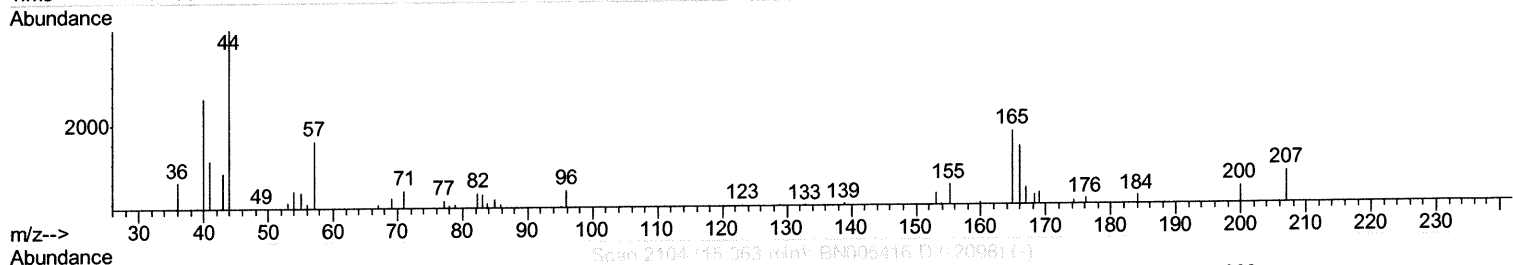
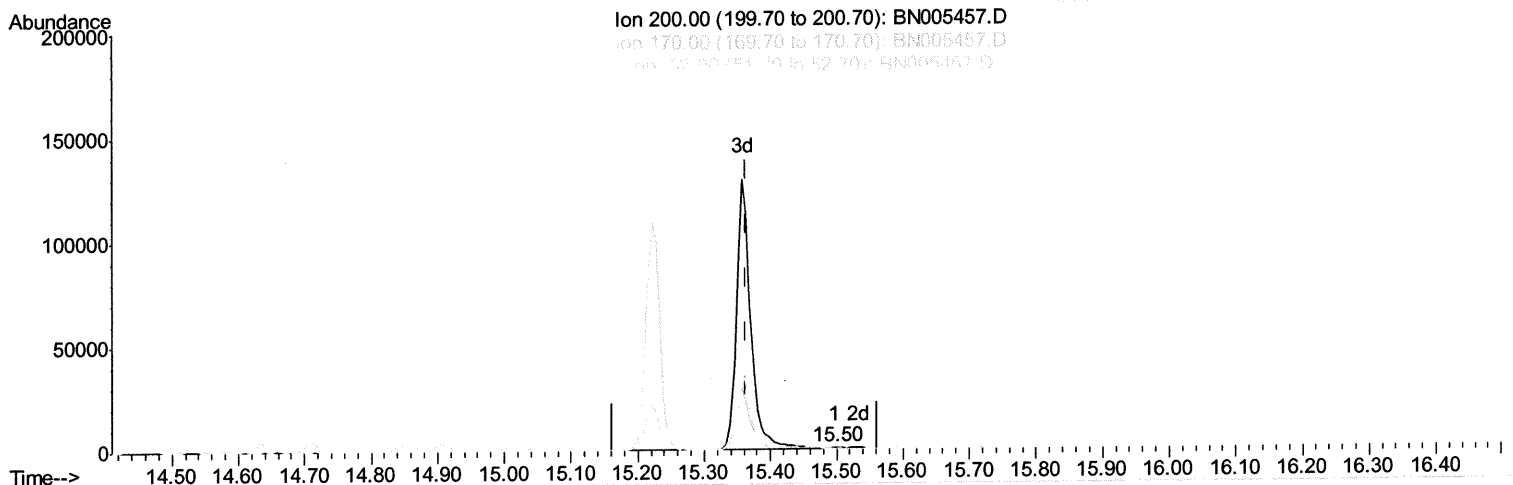
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005457.D
Acq On : 03 May 2019 18:11
Operator : JU/SJ
Sample : K2604-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ83

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:13 AM

Quant Time: May 04 01:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.498min (+0.135) 0.07ng/ul

response 666

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	0.00#
52.00	49.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

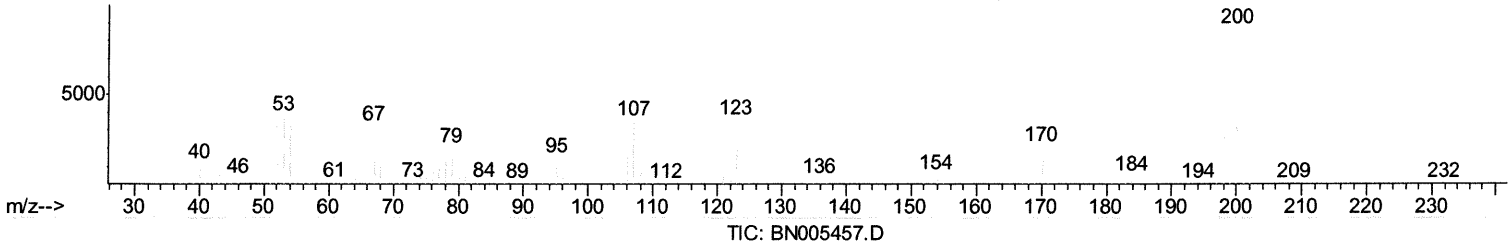
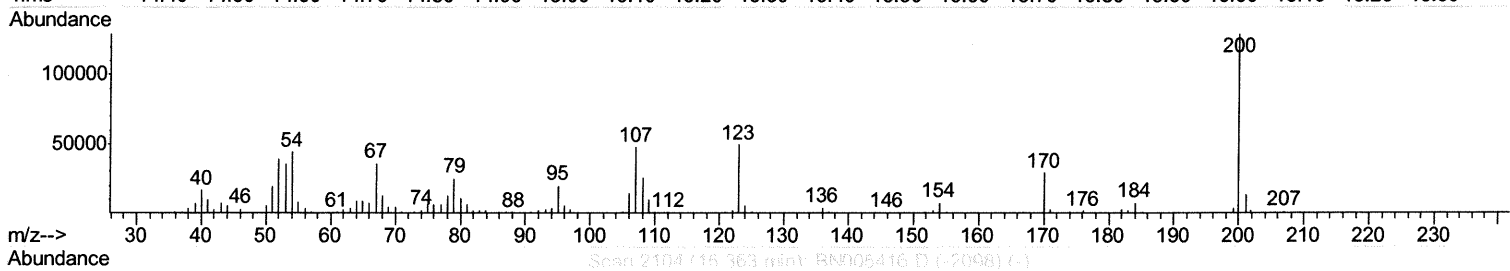
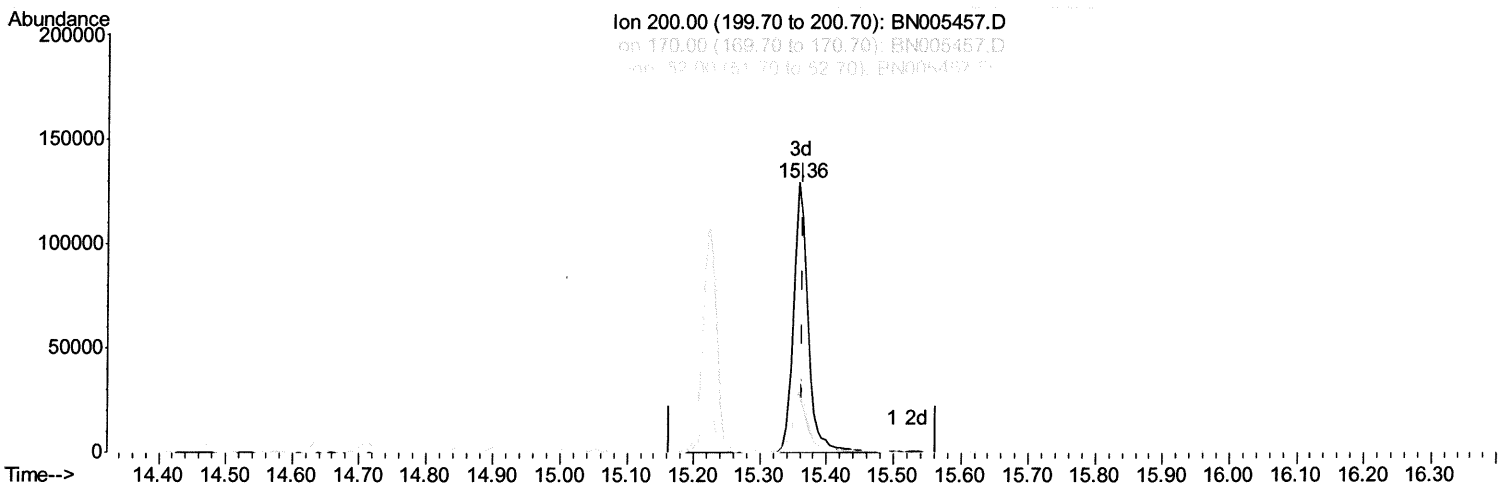
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:13 AM

Quant Time: May 04 01:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.357min (-0.006) 21.16ng/ul m SJ 05/12/19

response 192596

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	22.78
52.00	49.60	30.56#
0.00	0.00	0.00

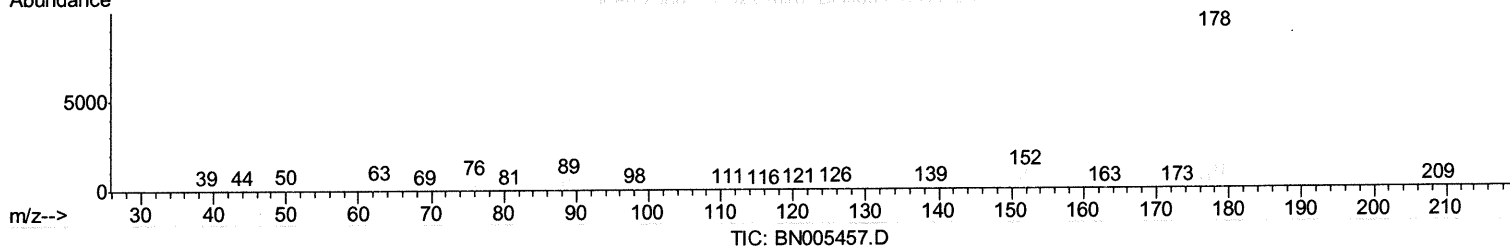
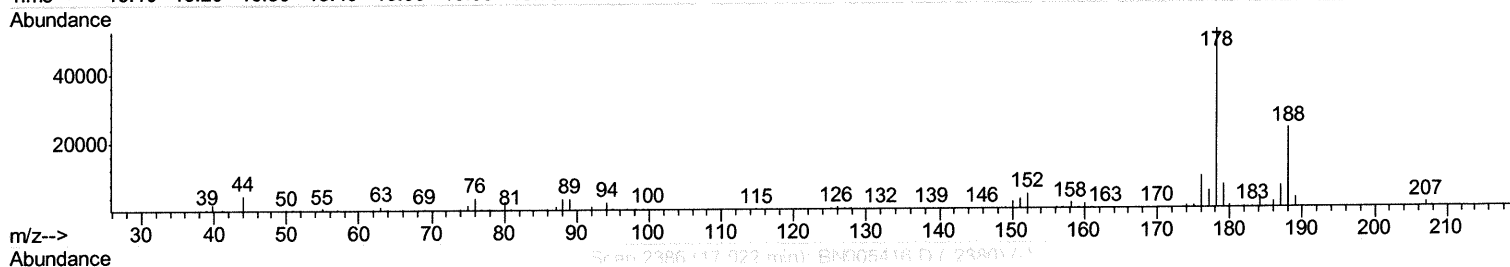
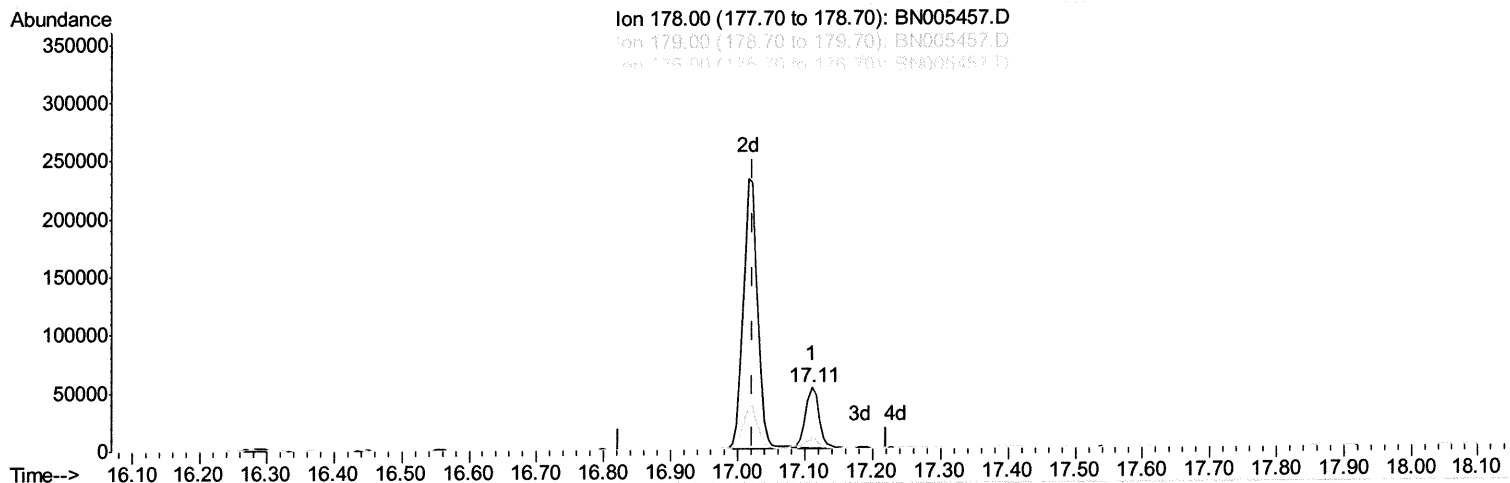
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
Data File : BN005457.D
Acq On : 03 May 2019 18:11
Operator : JU/SJ
Sample : K2604-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ83

Manual Integrations
APPROVED

mohammad
5/7/2019 8:21:13 AM

Quant Time: May 04 01:33:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration



(69) Phenanthrene

17.110min (+0.088) 0.73ng/ul

response 71859

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	13.72
176.00	18.90	18.66
0.00	0.00	0.00

Quantitation Report (Qedit)

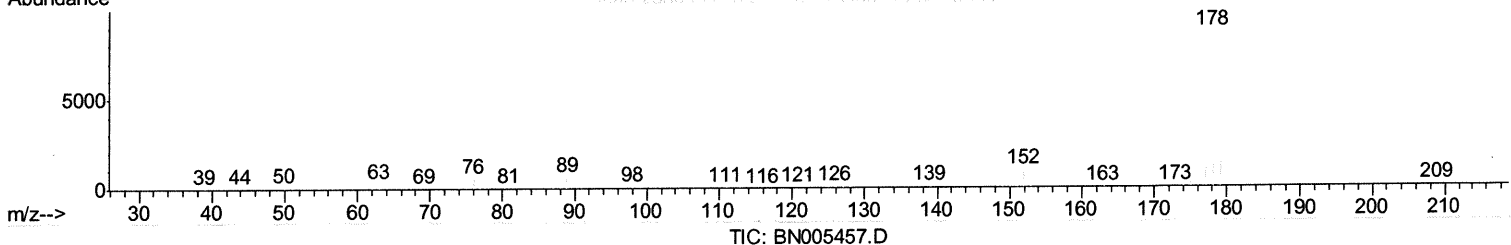
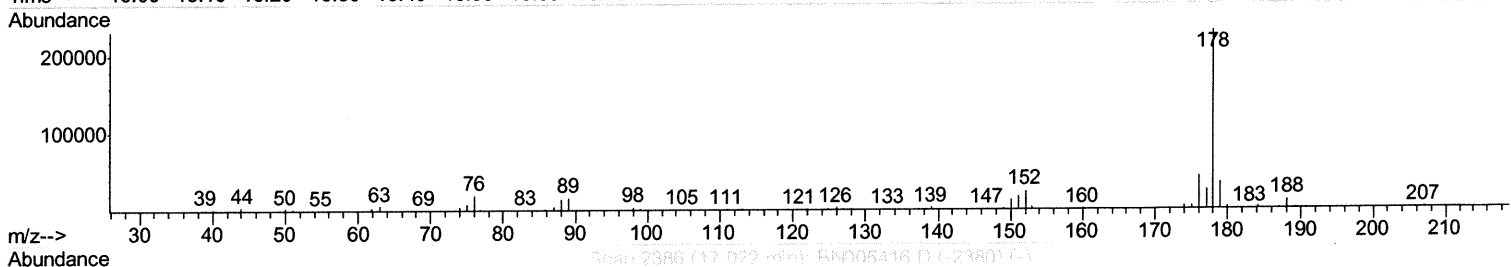
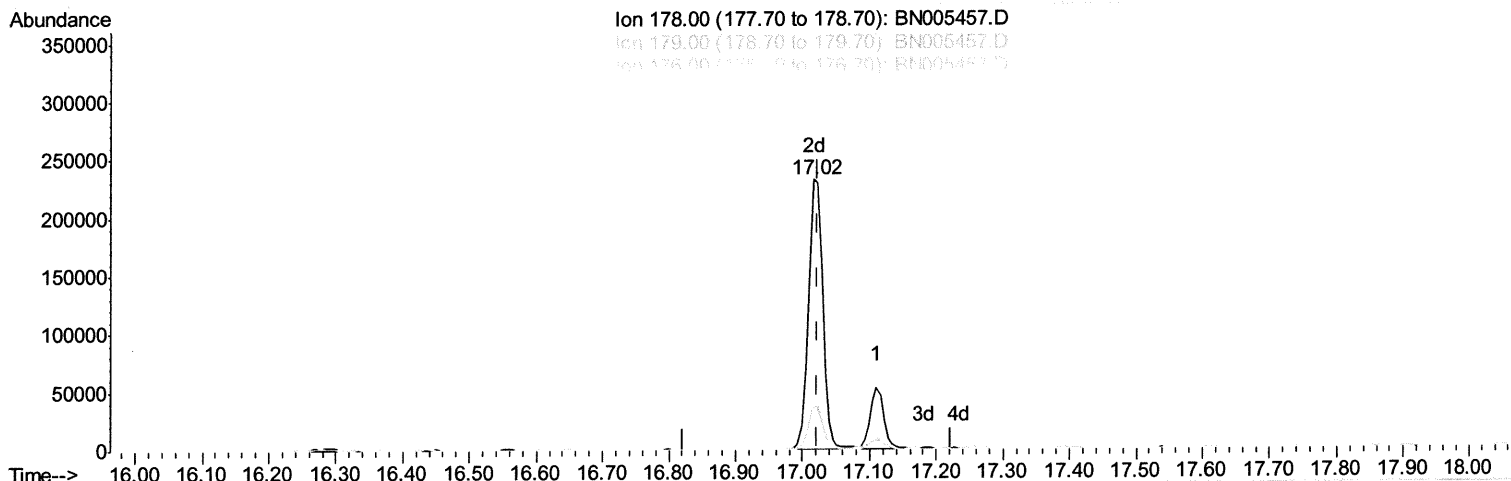
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:13 AM

Quant Time: May 04 01:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(69) Phenanthrene

17.016min (-0.006) 3.49ng/ul m SJ 05/12/19

response 344324

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.49
176.00	18.90	18.57
0.00	0.00	0.00

Quantitation Report (Qedit)

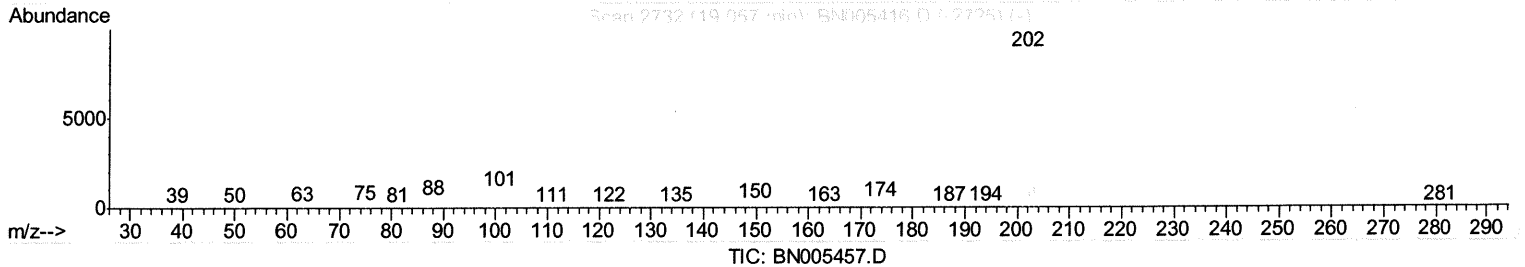
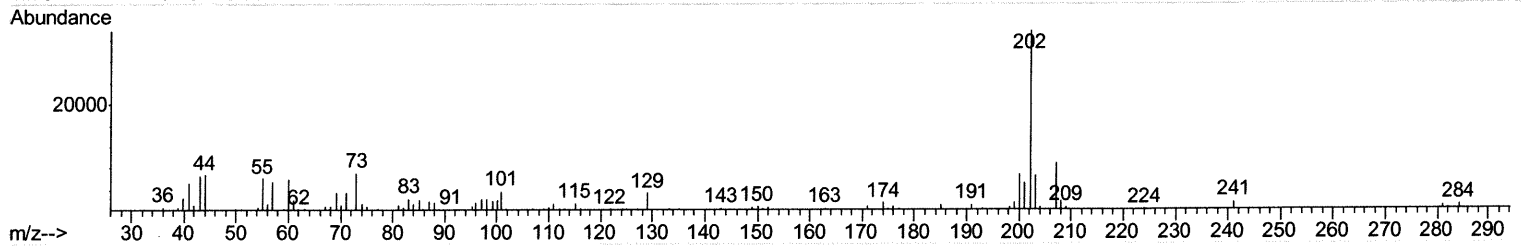
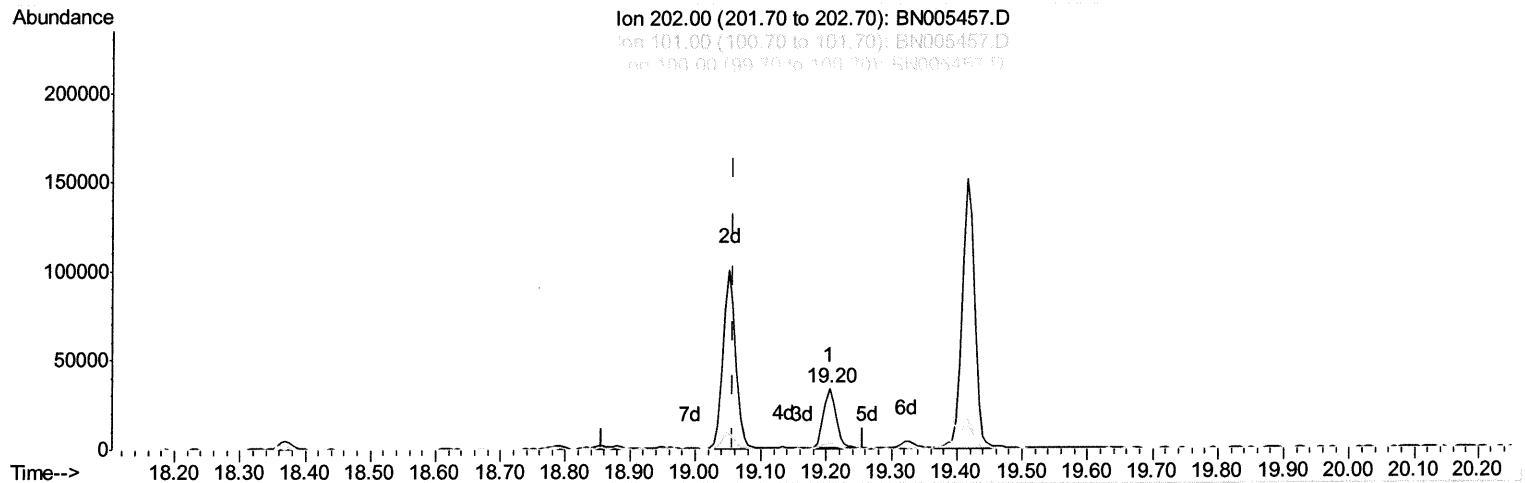
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Manual Integrations
 APPROVED

mohammad
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Quant Time: May 04 01:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.204min (+0.147) 0.39ng/ul

response 42961

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	11.25
100.00	7.90	6.66
0.00	0.00	0.00

Quantitation Report (Qedit)

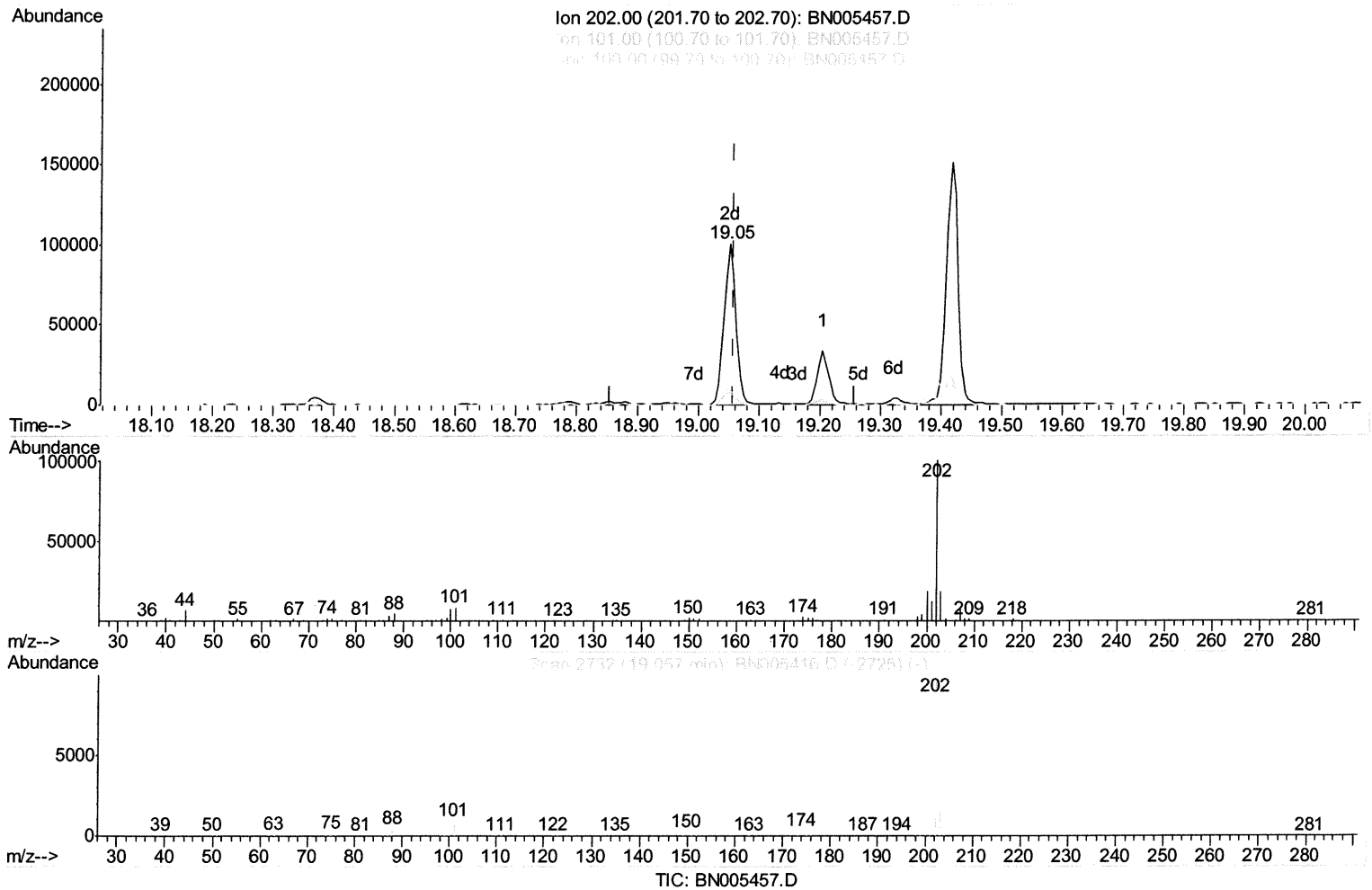
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
 Operator : JU/SJ
 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ83

Manual Integrations
 APPROVED

mohammad
 5/7/2019 8:21:13 AM

Quant Time: May 04 01:33:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.051min (-0.006) 1.25ng/ul m

SJ 05/12/19

response 137124

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.82
100.00	7.90	7.93
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005457.D
 Acq On : 03 May 2019 18:11
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 Sample : K2604-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	305266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1351885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	868320	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2023485m	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1770455	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1646131	20.00	ng/ul	-0.01

SJ 05/12/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	25346	4.01	ng/uL	0.00
5) Phenol-d5	6.78	99	543611	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	318785	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	441011	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	457577	24.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	237142	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	262183	31.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	467565	24.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	640426	32.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1626919	25.81	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1995513	25.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	234234	23.53	ng/ul	0.00
57) Fluorene-d10	15.22	176	1392127	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	192596m	21.16	ng/ul	0.00
70) Anthracene-d10	17.07	188	2184291	25.75	ng/ul	0.00
78) Pyrene-d10	19.39	212	2432293	26.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	1937166	26.93	ng/ul	-0.02

SJ 05/12/19

Target Compounds

					Qvalue
6) Phenol	6.80	94	37495	1.520	ng/ul 98
28) Naphthalene	10.40	128	779357	12.401	ng/ul 99
34) 2-Methylnaphthalene	12.02	142	168931	3.671	ng/ul 99
44) Dimethylphthalate	13.69	163	360389	5.738	ng/ul 100
47) Acenaphthylene	13.94	152	199916	2.628	ng/ul 98
58) Fluorene	15.28	166	71078	1.218	ng/ul 97
69) Phenanthrene	17.02	178	344324m	3.494	ng/ul 97
76) Fluoranthene	19.05	202	137124m	1.254	ng/ul 97
79) Pyrene	19.42	202	201183	1.765	ng/ul 96

SJ 05/12/19
 SJ 05/12/19

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