

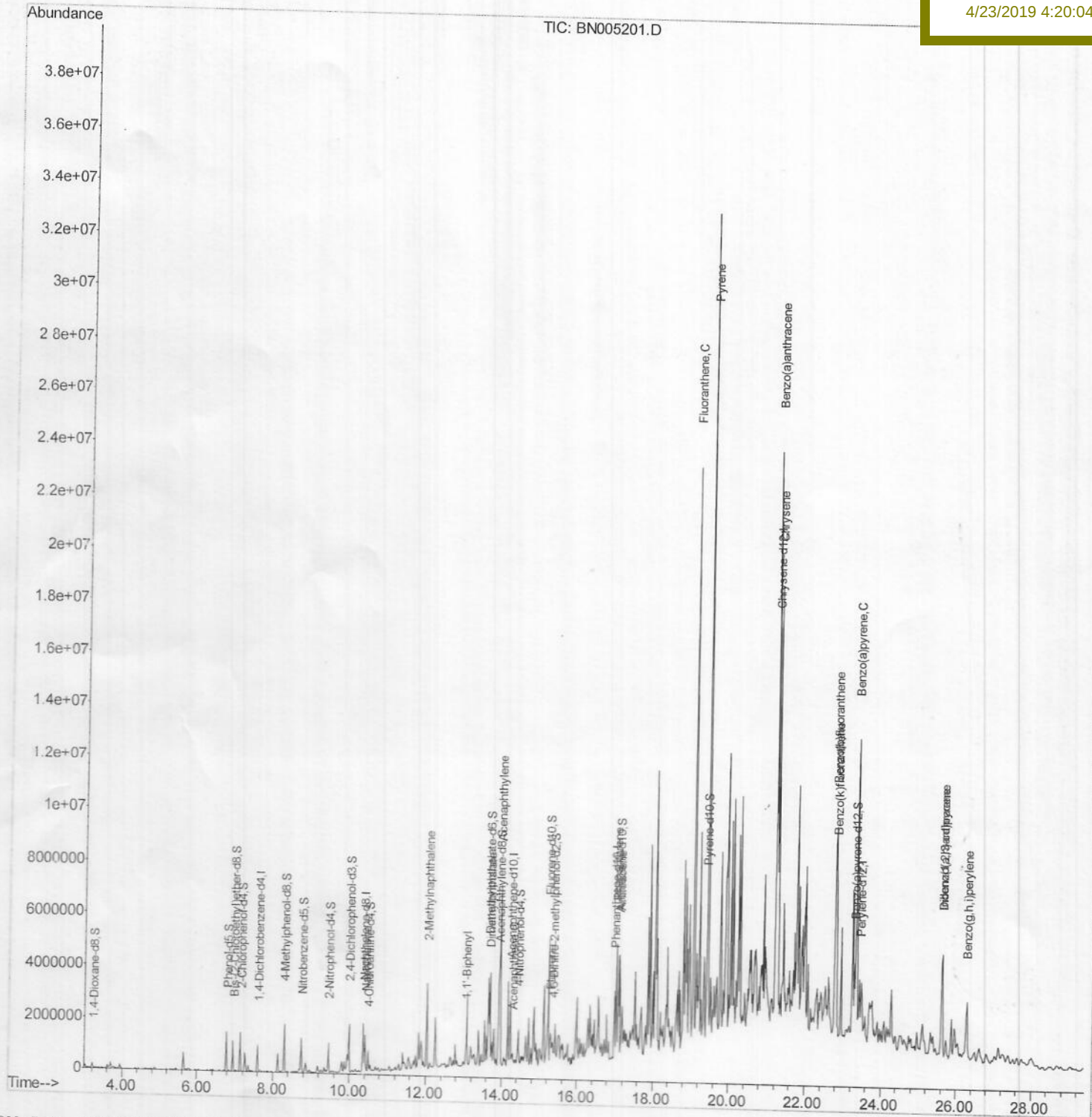
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005201.D
Acq On : 23 Apr 2019 07:22
Operator : JU/SJ
Sample : K2402-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:32:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHH9

Manual Integrations
APPROVED

Sohil
4/23/2019 4:20:04 PM



Quantitation Report (Qedit)

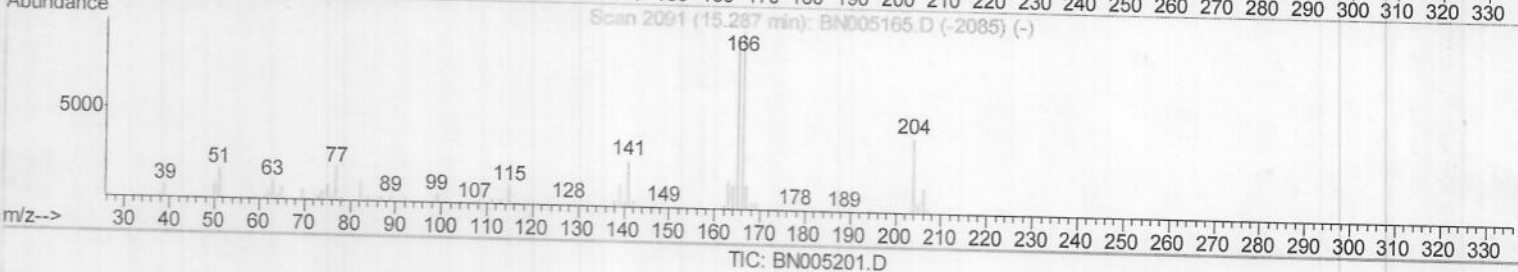
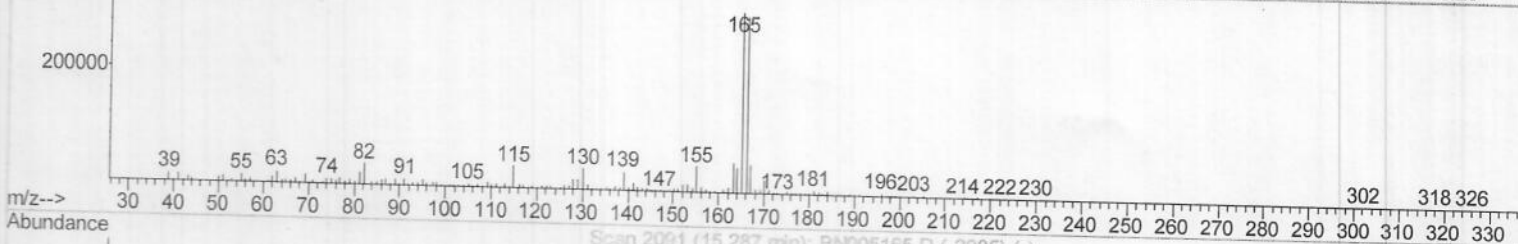
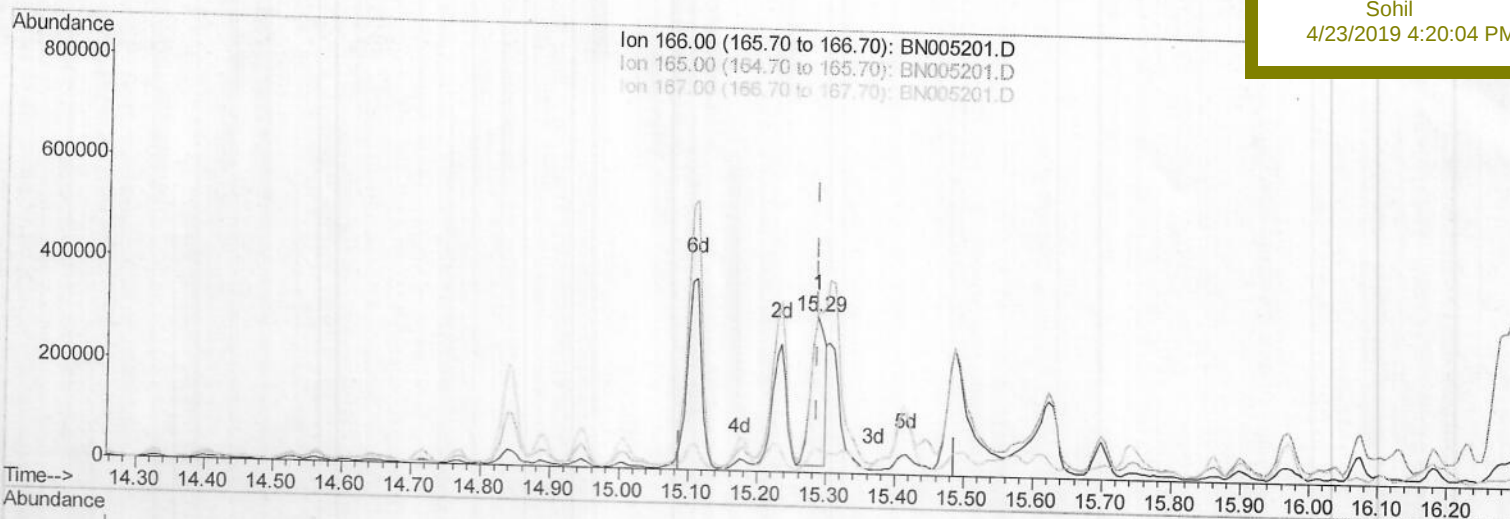
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(58) Fluorene

15.287min (0.000) 8.80ng/ul

response 432557

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	102.44
167.00	13.40	16.07
0.00	0.00	0.00

Quantitation Report (Qedit)

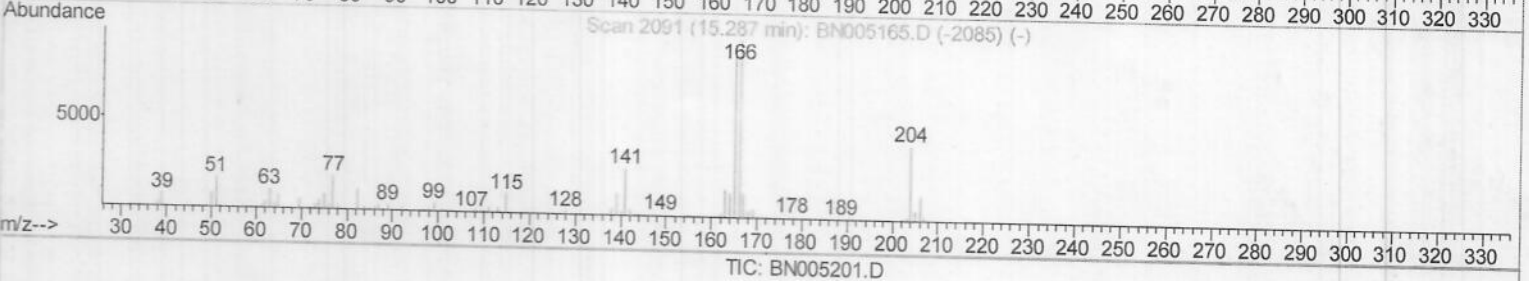
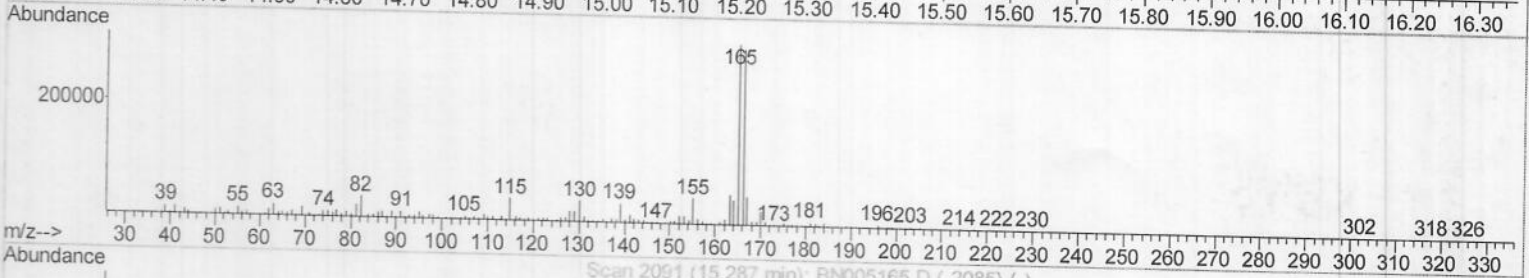
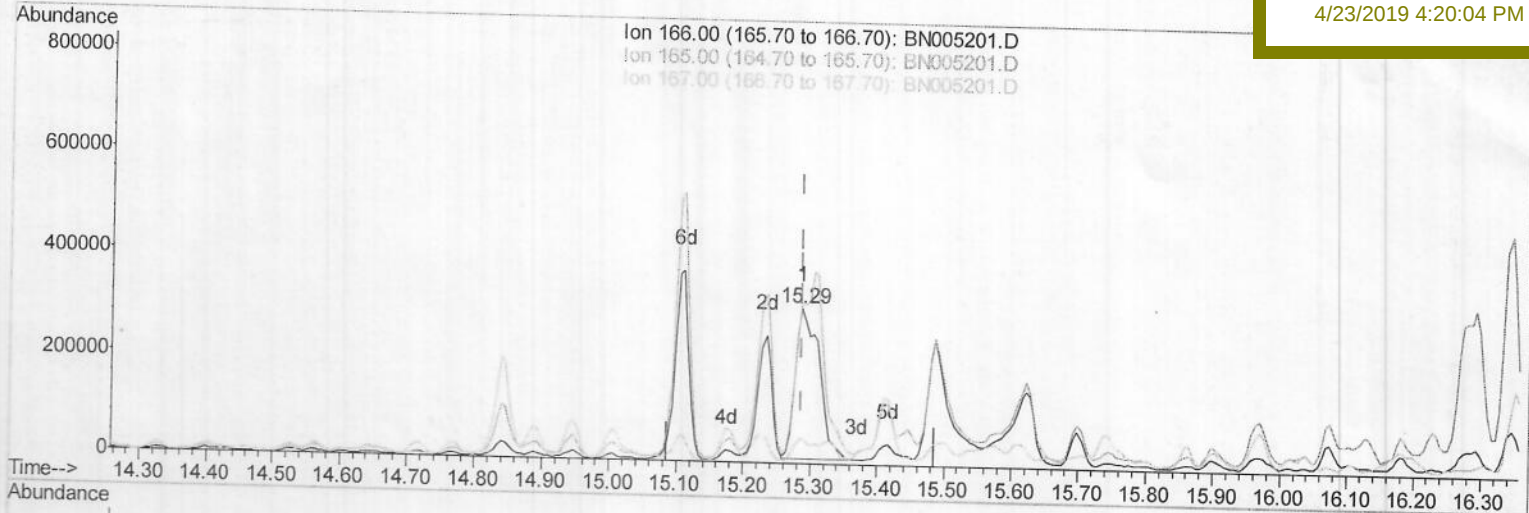
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(58) Fluorene

15.287min (0.000) 15.15ng/ul m

response 744970

Ion	Exp%	Act%
166.00	100	100
165.00	100.00	102.44
167.00	13.40	16.07
0.00	0.00	0.00

SJ
 04/23/19

Quantitation Report (Qedit)

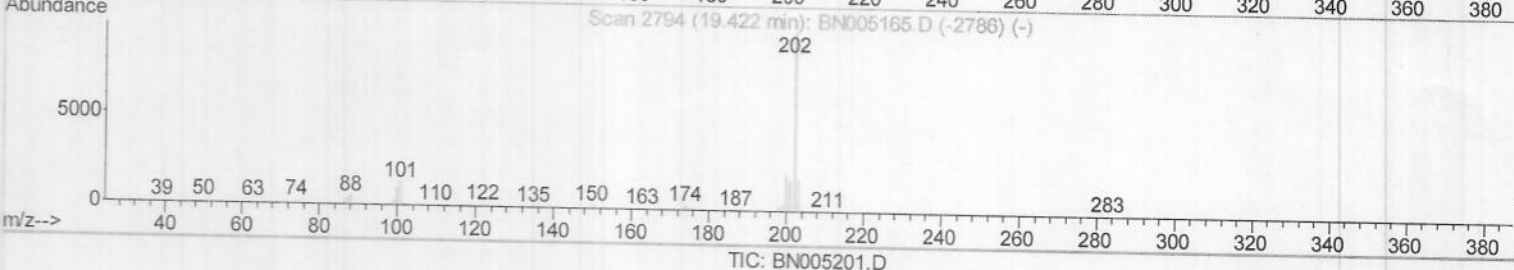
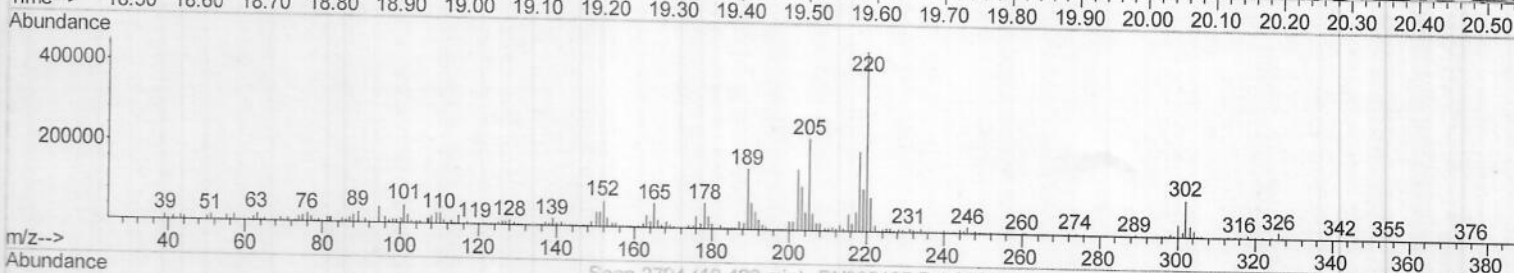
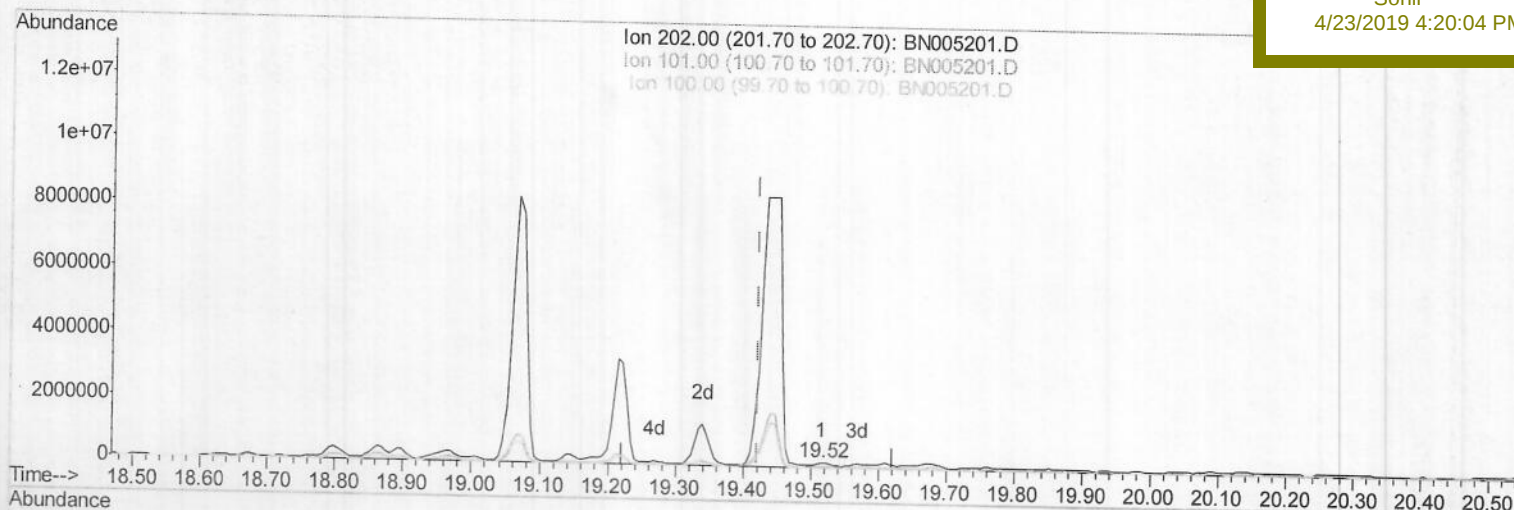
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(79) Pyrene

19.516min (+0.094) 1.55ng/ul

response 123200

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	30.90#
100.00	9.90	8.12
0.00	0.00	0.00

Quantitation Report (Qedit)

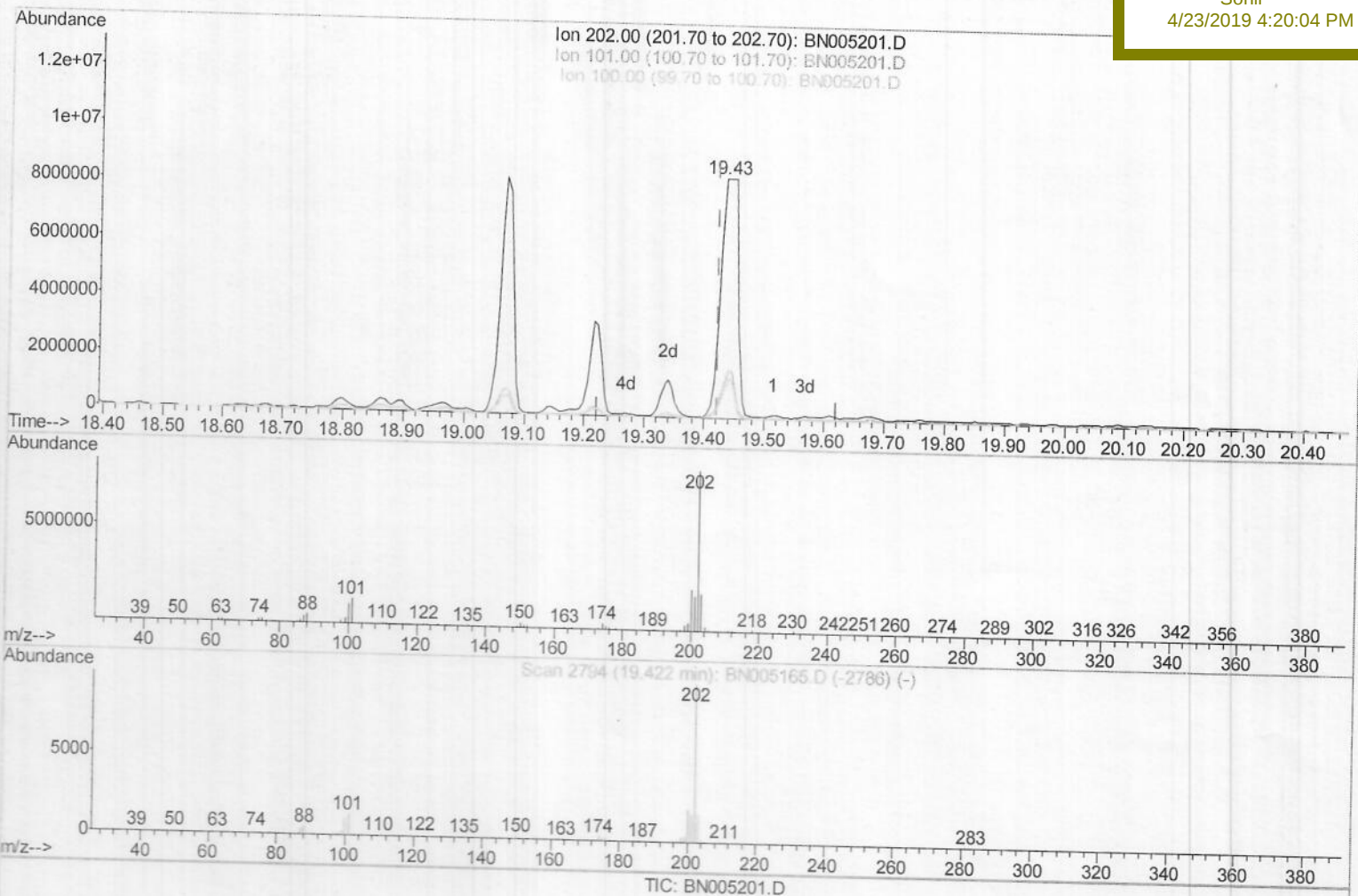
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005201.D
Acq On : 23 Apr 2019 07:22
Operator : JU/SJ
Sample : K2402-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHH9

Manual Integrations

Sohil
4/23/2019 4:20:04 PM



(79) Pyrene

19.433min (+0.012) 214.94ng/ul m

response 17113696

Ion	Exp%	Act%
-----	------	------

202.00	100	100
--------	-----	-----

101.00	12.90	15.59#
--------	-------	--------

100.00	9.90	12.67#
--------	------	--------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005201.D

Acq On : 23 Apr 2019 07:22

Operator : JU/SJ

Sample : K2402-07

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 23 03:50:45 2019

Response via : Initial Calibration

Instrument :

BNA_N

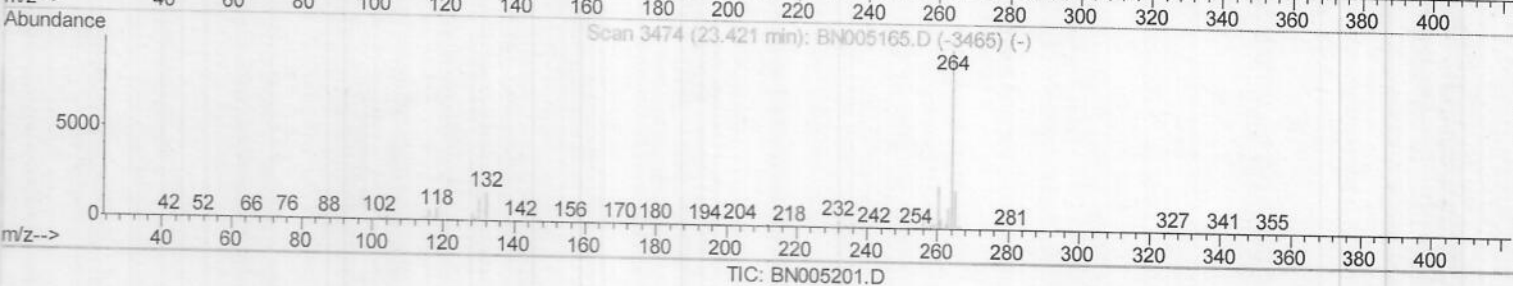
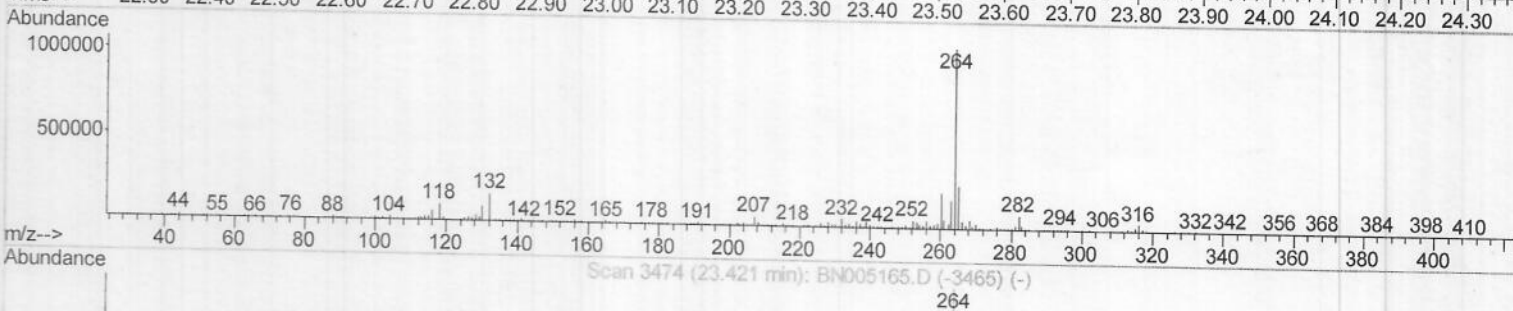
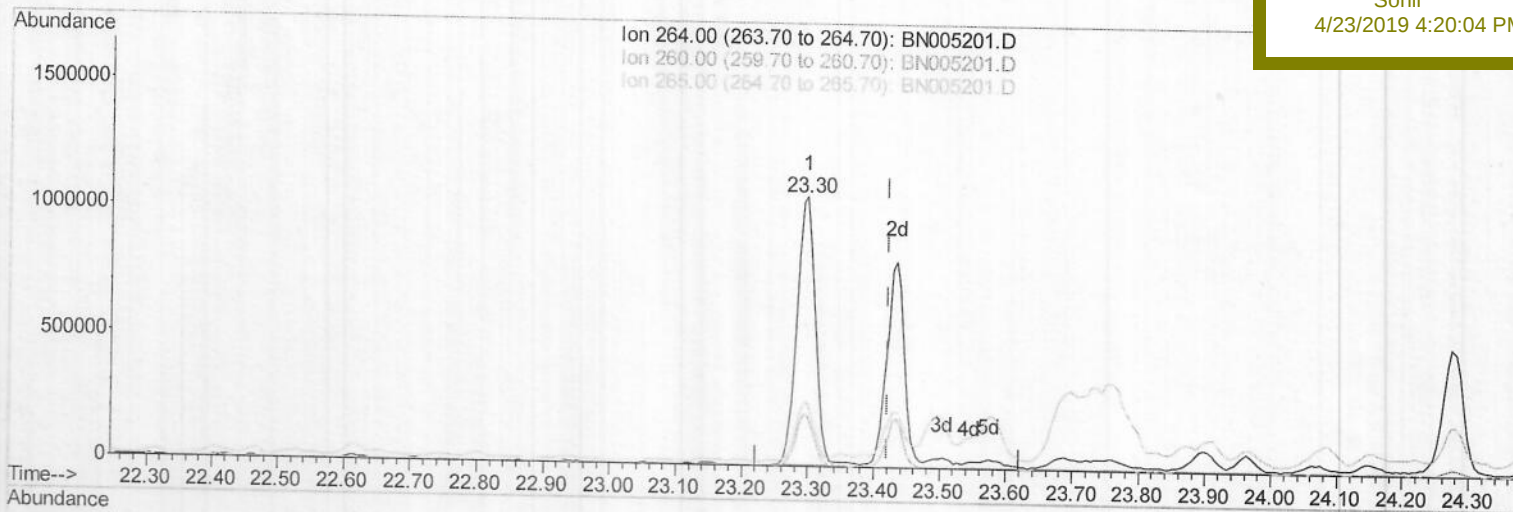
ClientSampleId :

GAHH9

Manual Integrations
APPROVED

Sohil

4/23/2019 4:20:04 PM



(85) Perylene-d12 (I)

23.298min (-0.124) 20.00ng/ul

response 2045648

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	19.77
265.00	22.10	23.92
0.00	0.00	0.00

Quantitation Report (Qedit)

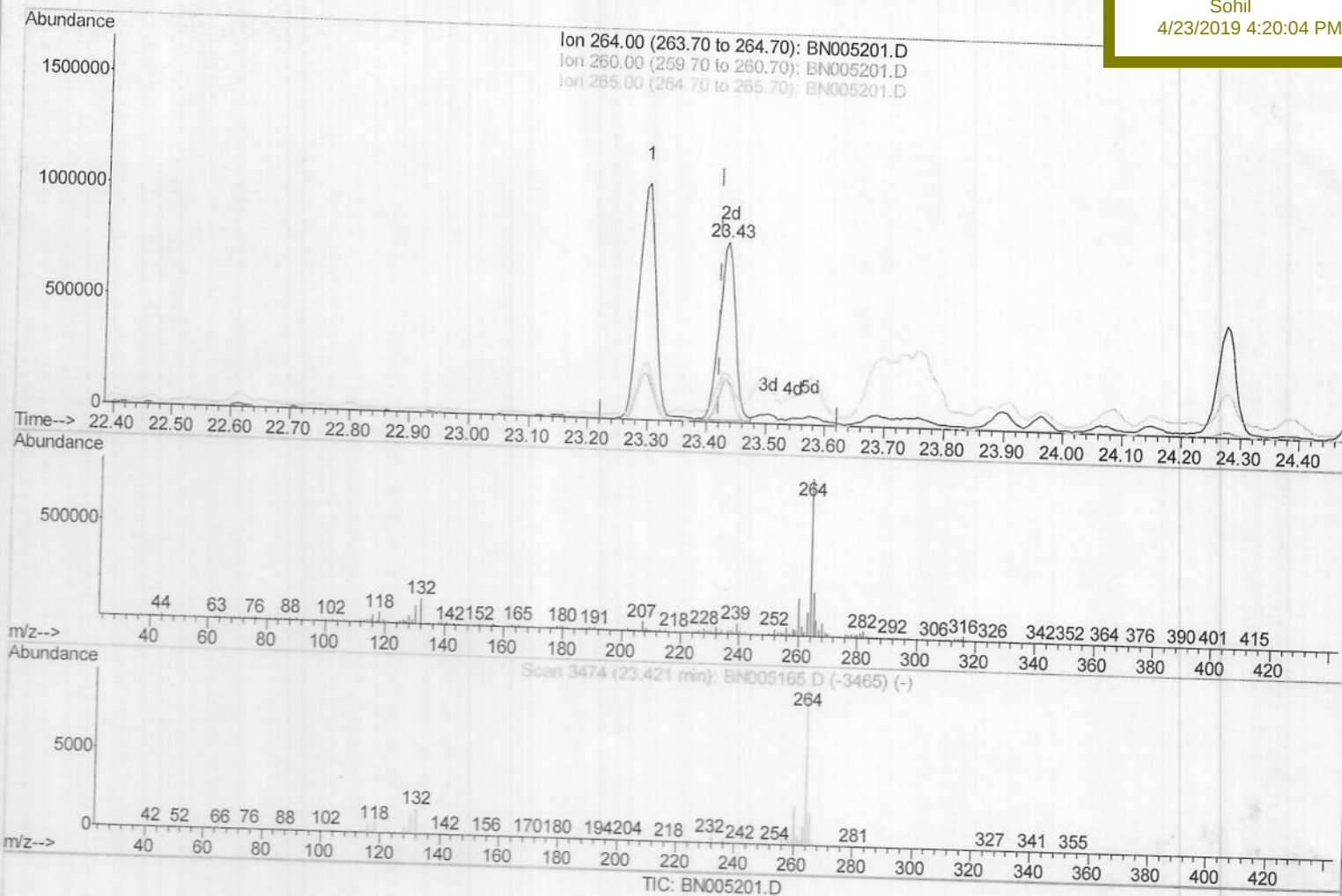
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 08:57:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(85) Perylene-d12 (I)

23.433min (+0.012) 20.00ng/ul m

response 1500686

Ion Exp% Act%

264.00 100 100

260.00 23.50 23.57

265.00 22.10 27.40#

0.00 0.00 0.00

ST
 04/23/19

Quantitation Report (Qedit)

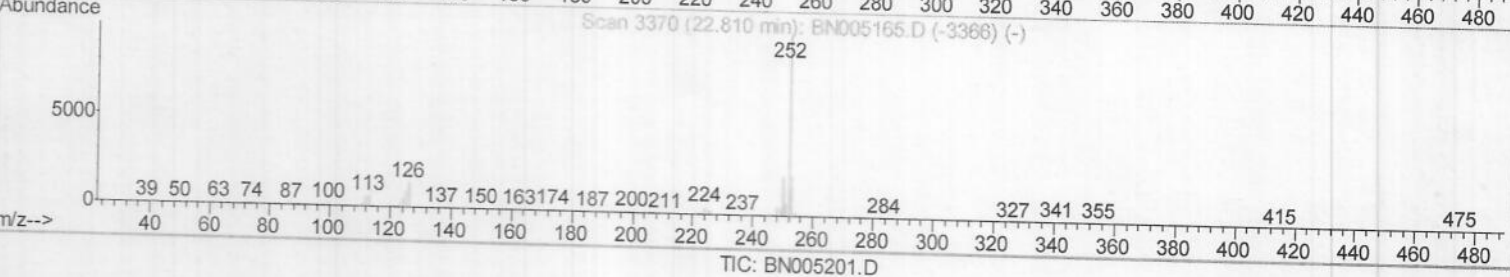
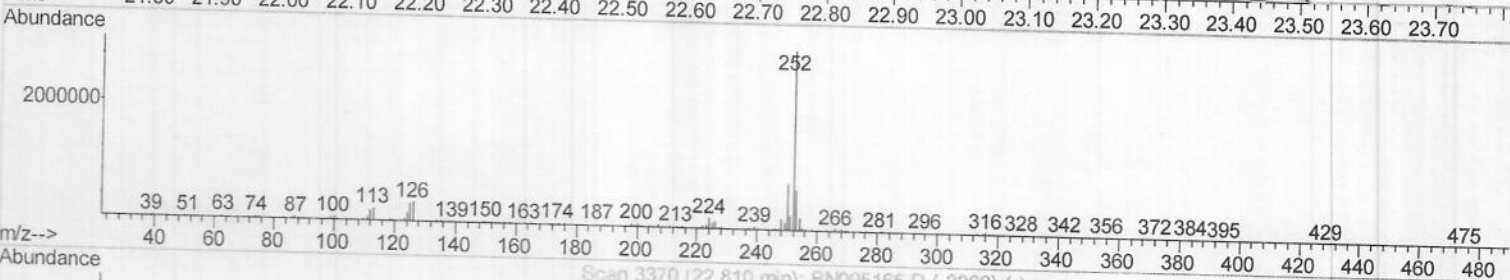
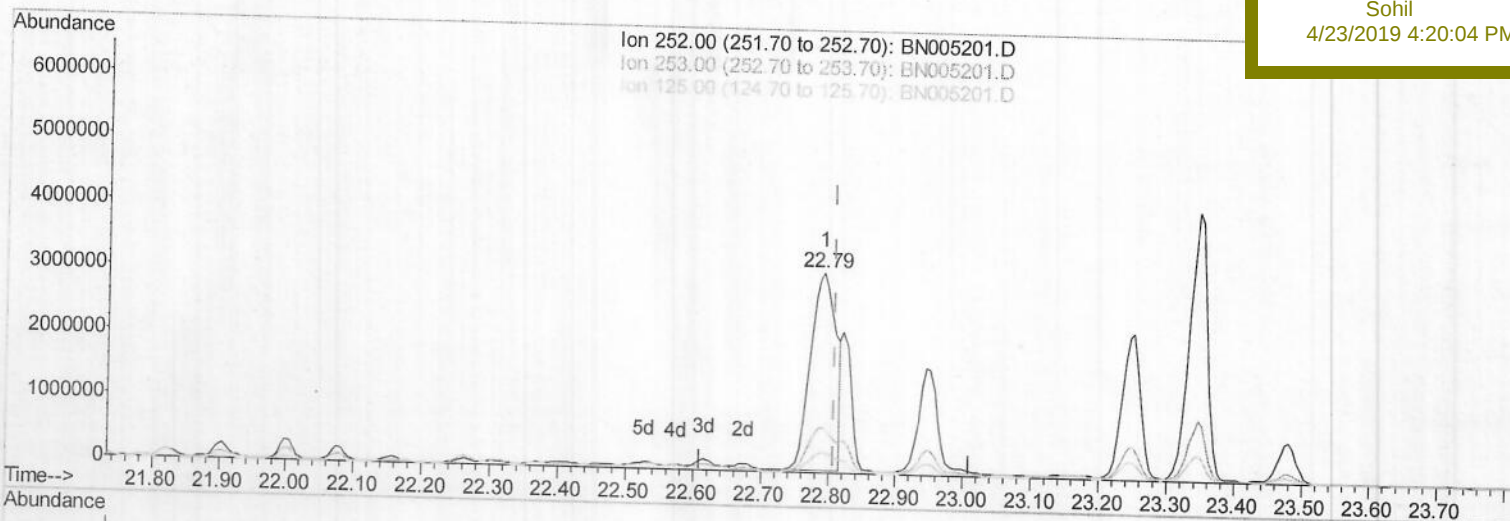
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 GAHH9

Manual Integrations
APPROVED

Sohil
 4/23/2019 4:20:04 PM



(88) Benzo(k)fluoranthene
 22.792min (-0.018) 99.98ng/ul
 response 8055047

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.59
125.00	9.40	10.25
0.00	0.00	0.00

Quantitation Report (Qedit)

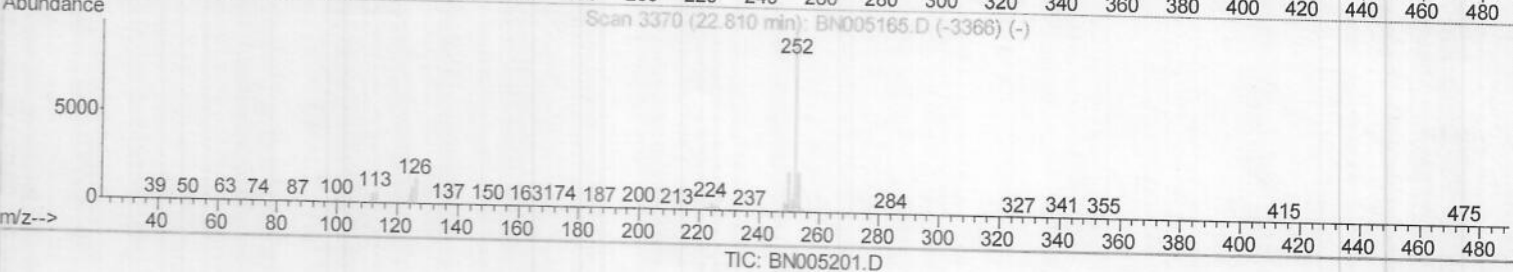
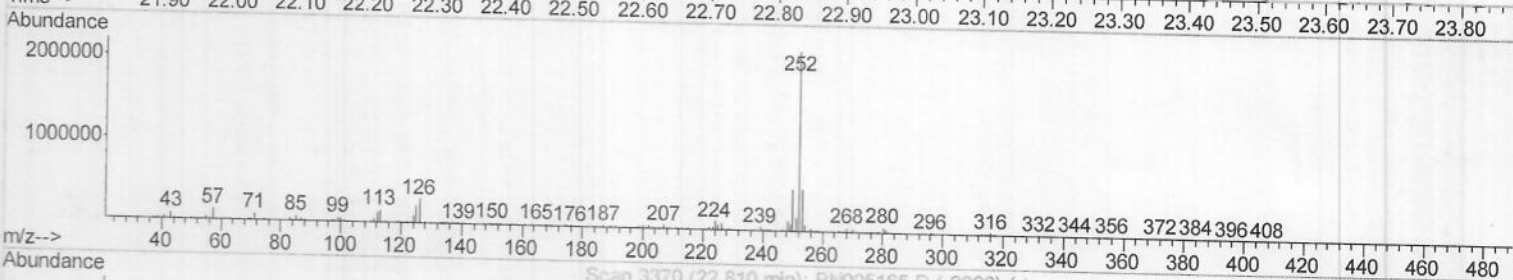
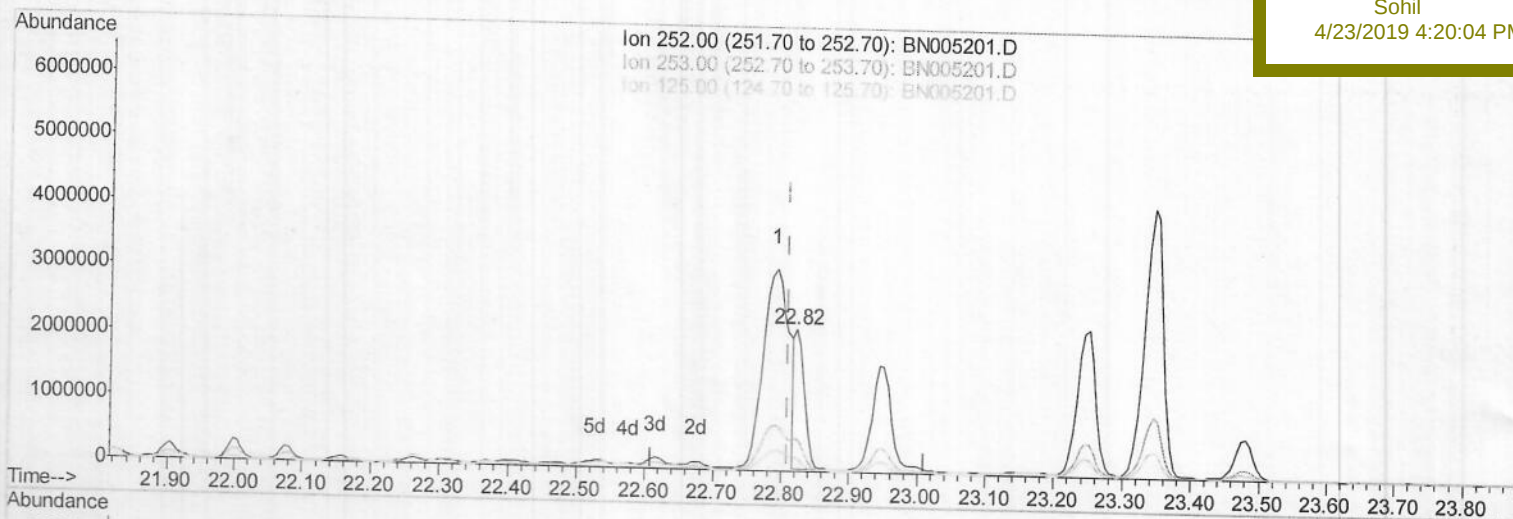
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(88) Benzo(k)fluoranthene

22.821min (+0.012) 27.21ng/ul m

response 2192415

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.14
125.00	9.40	9.44
0.00	0.00	0.00

SJ
 04/23/19

Quantitation Report (Qedit)

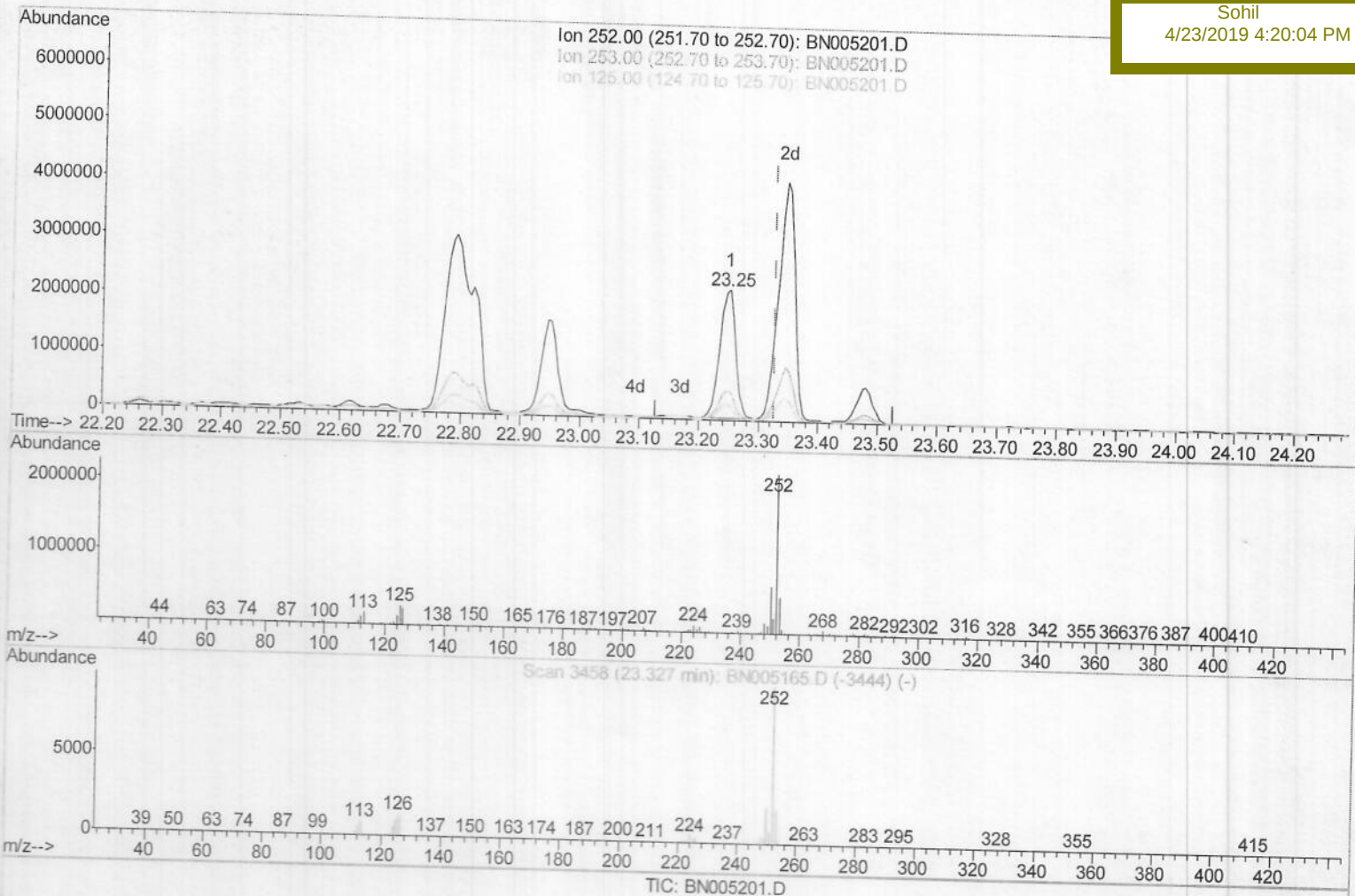
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(90) Benzo(a)pyrene (C)
 23.251min (-0.076) 51.50ng/ul
 response 4083563

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.68
125.00	10.80	11.86
0.00	0.00	0.00

Quantitation Report (Qedit)

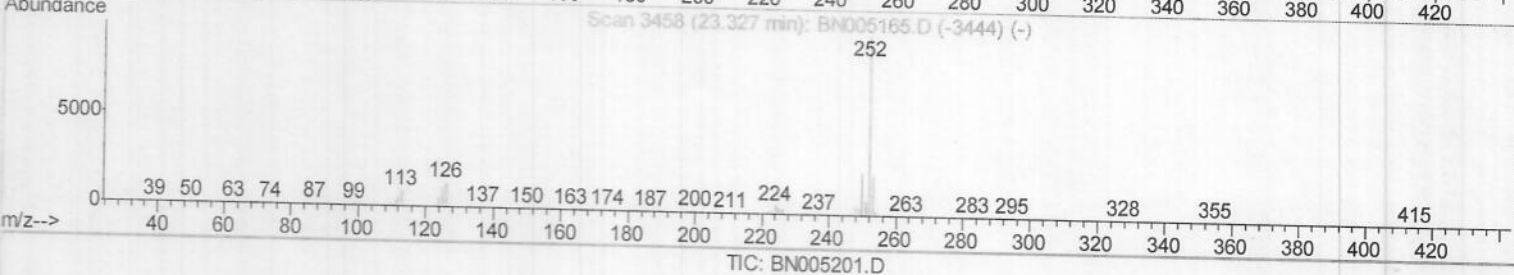
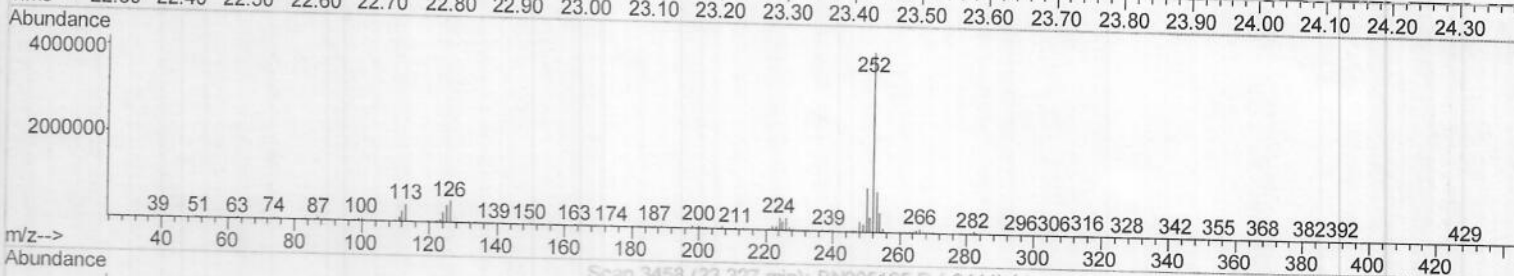
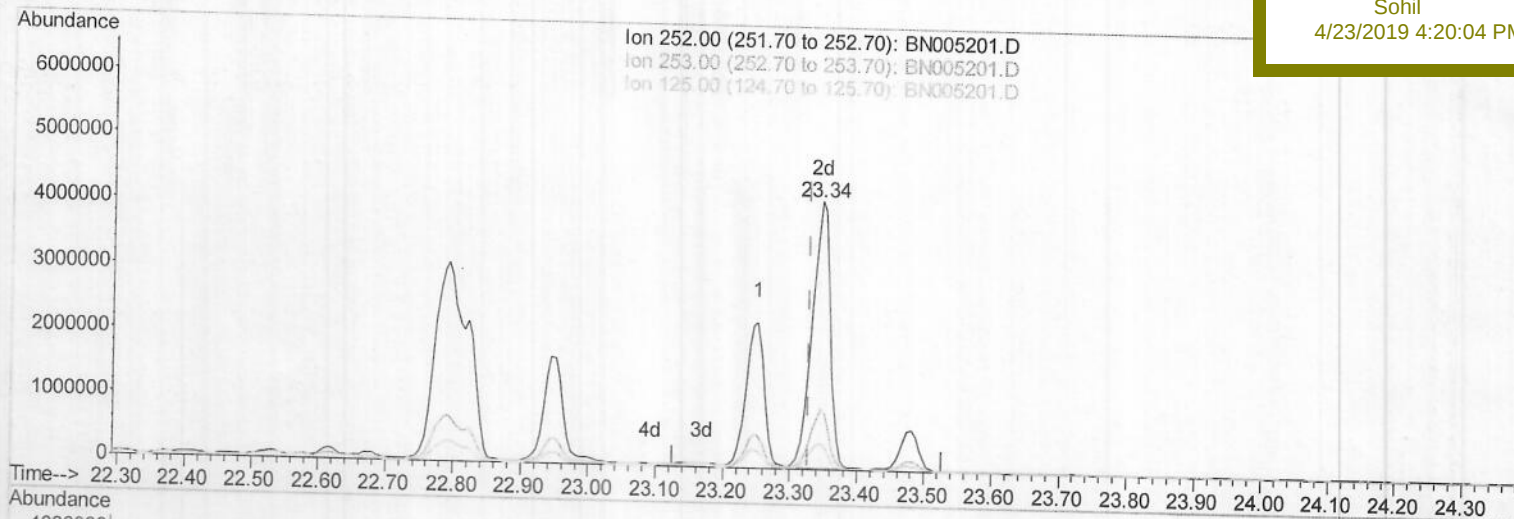
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(90) Benzo(a)pyrene (C)

23.345min (+0.018) 97.99ng/ul m

response 7769597

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.64
125.00	10.80	9.46
0.00	0.00	0.00

SJ
 04/23/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005201.D

Acq On : 23 Apr 2019 07:22

Operator : JU/SJ

Sample : K2402-07

Misc :

ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 23 03:50:45 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

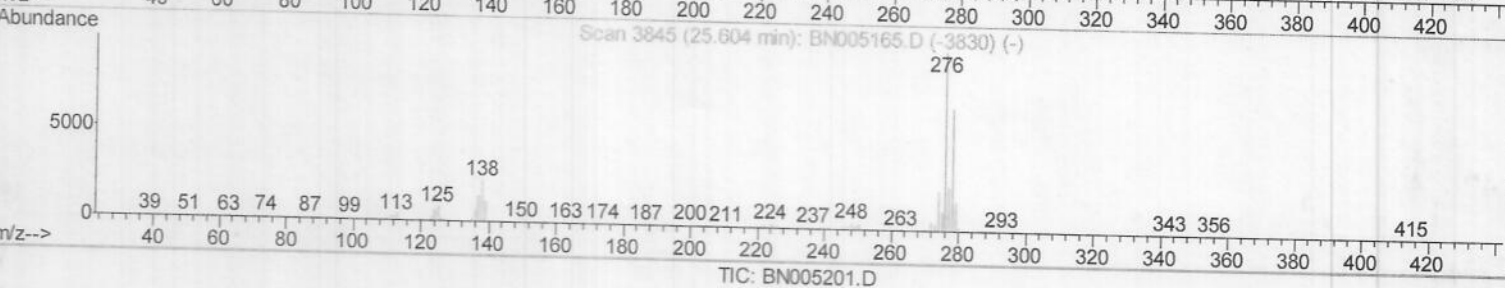
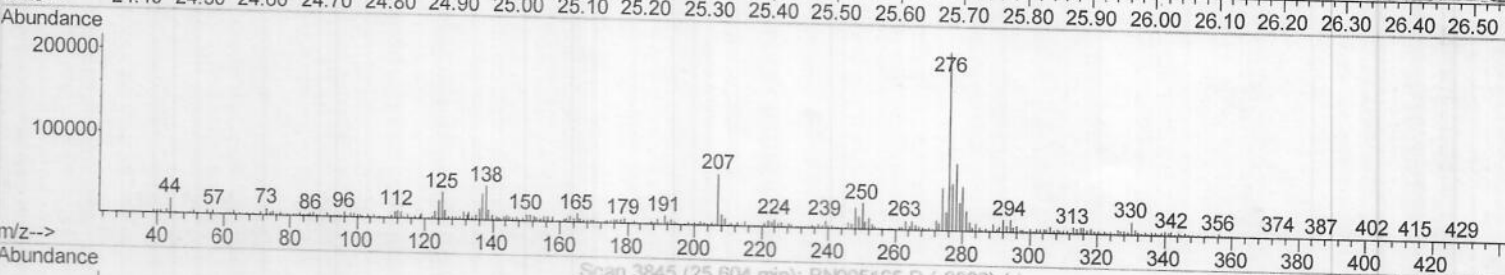
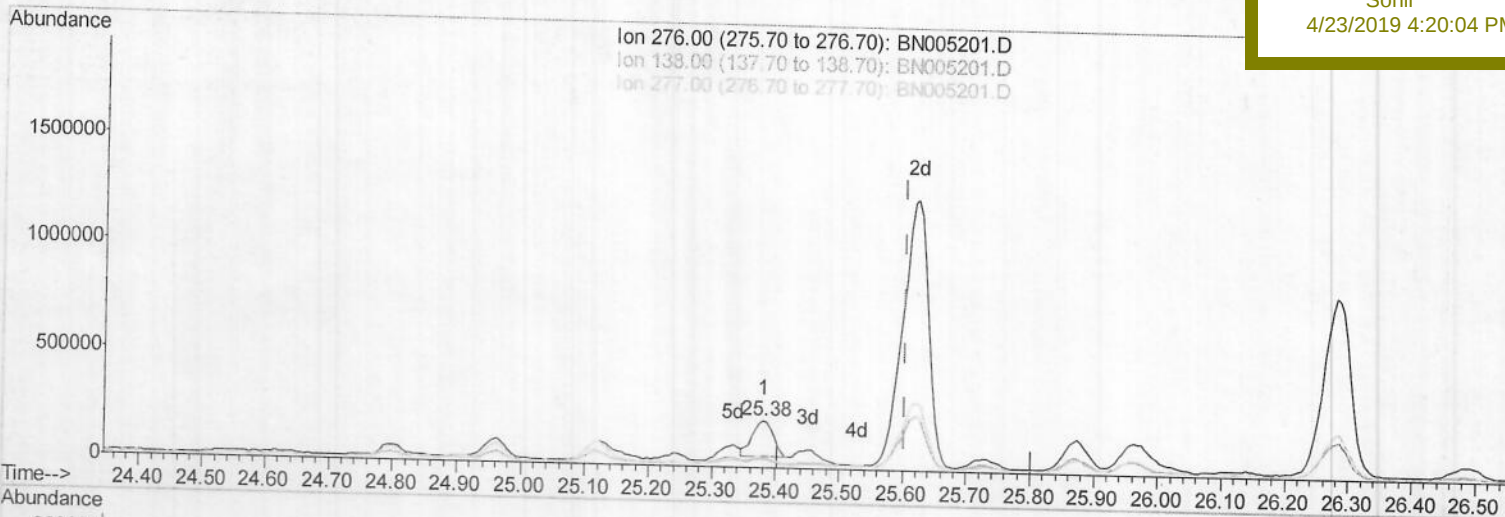
GAHH9

Manual Integrations

APPROVED

Sohil

4/23/2019 4:20:04 PM



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

25.380min (-0.224) 4.40ng/ul

response 385912

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	24.89
277.00	24.60	26.42
0.00	0.00	0.00

Quantitation Report (Qedit)

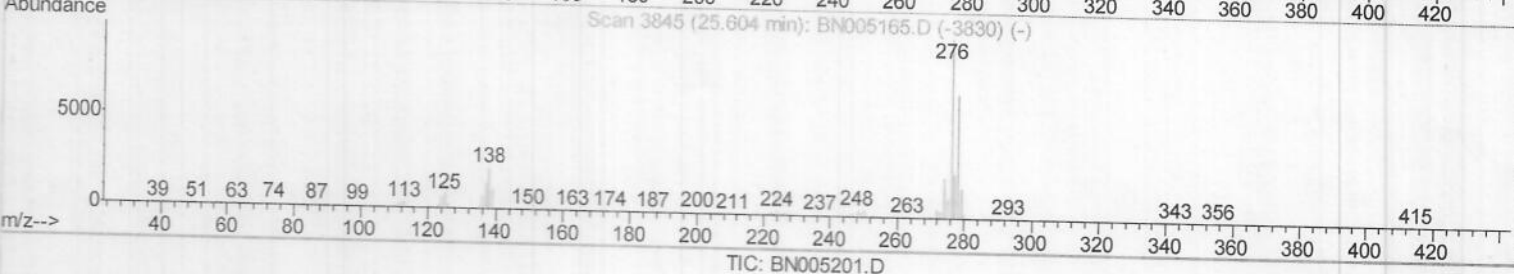
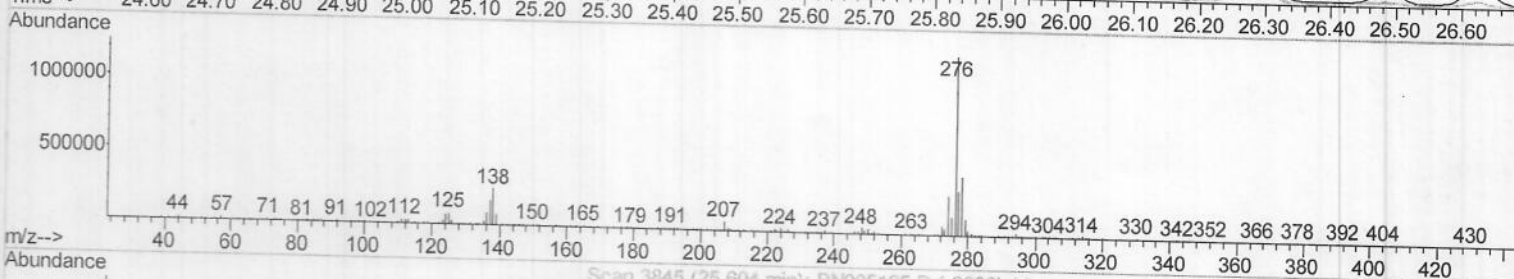
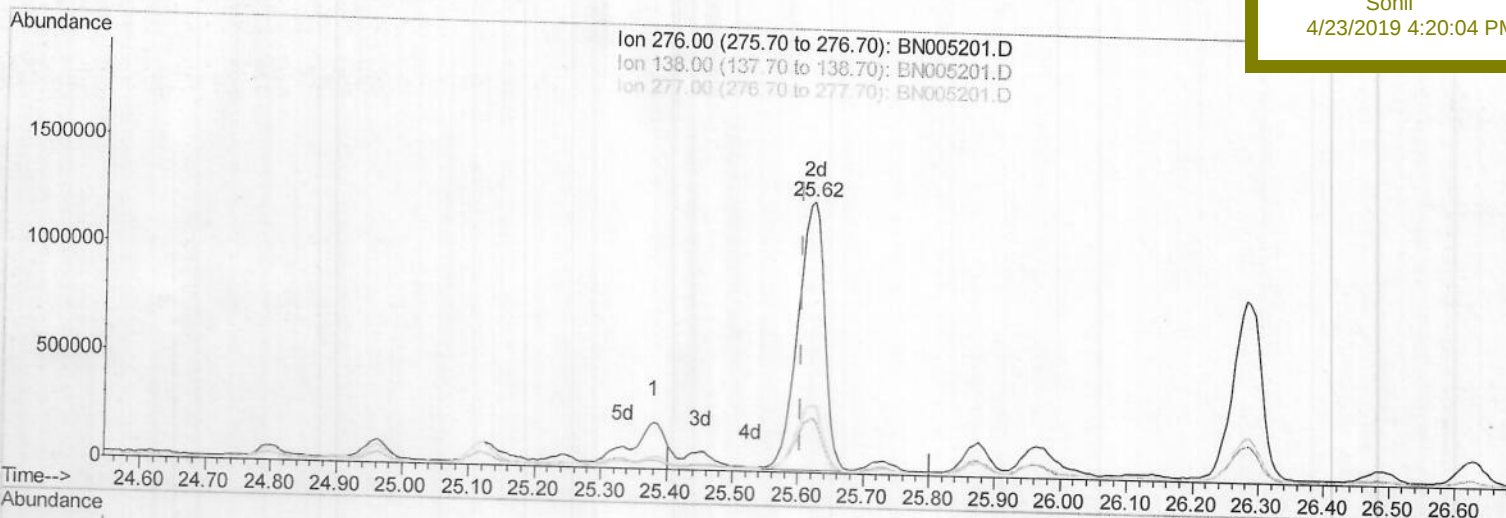
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



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

25.621min (+0.018) 40.19ng/ul m

response 3523373

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	20.31
277.00	24.60	24.92
0.00	0.00	0.00

SJ
 04/23/19

Quantitation Report (Qedit)

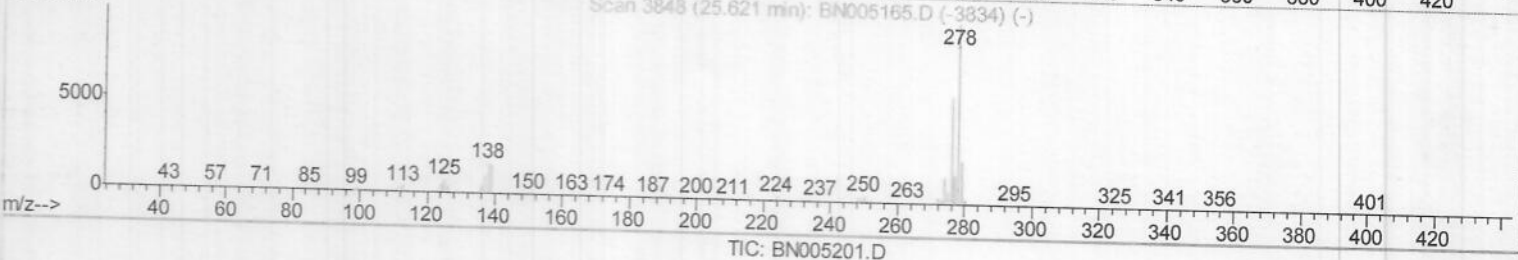
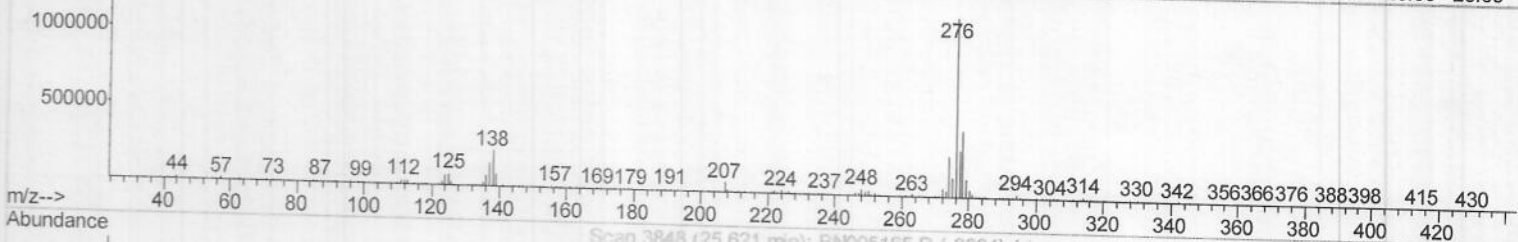
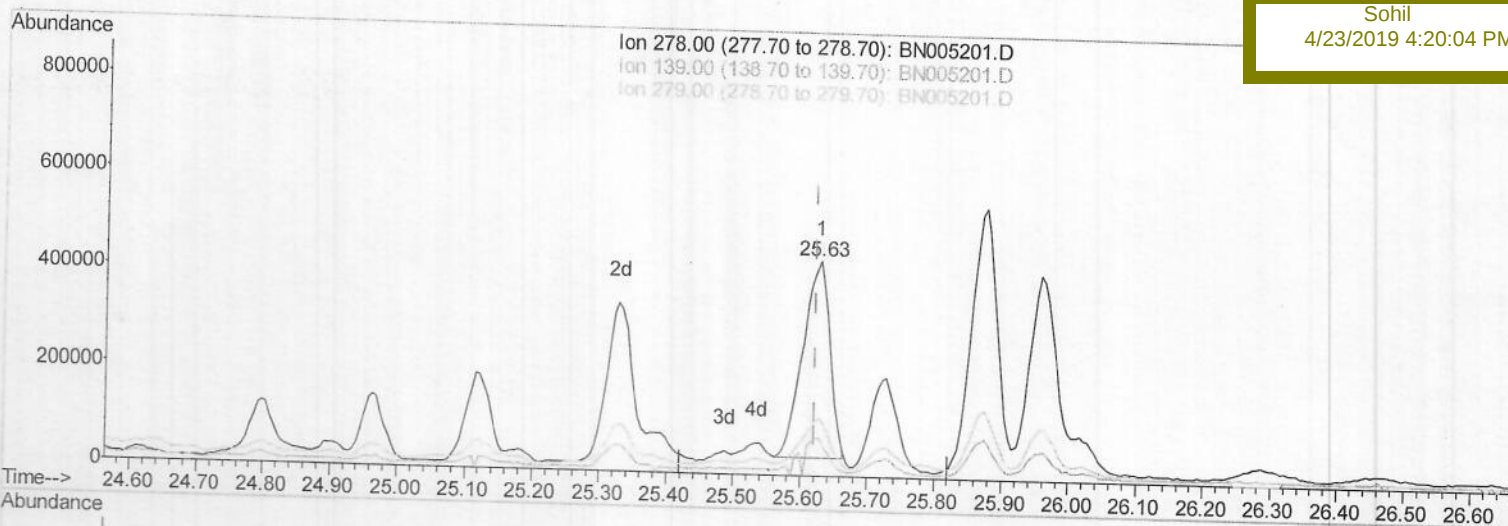
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(92) Dibenzo(a,h)anthracene

25.627min (+0.006) 14.86ng/ul

response 1105488

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.86
279.00	24.20	27.03
0.00	0.00	0.00

Quantitation Report (Qedit)

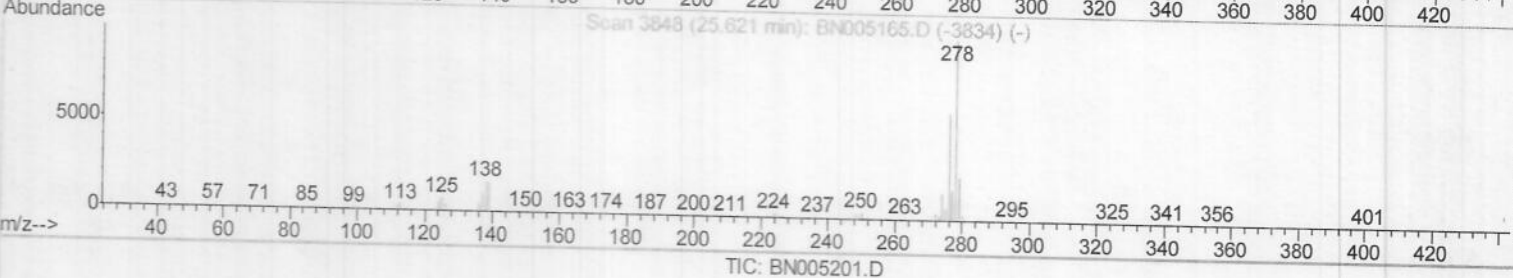
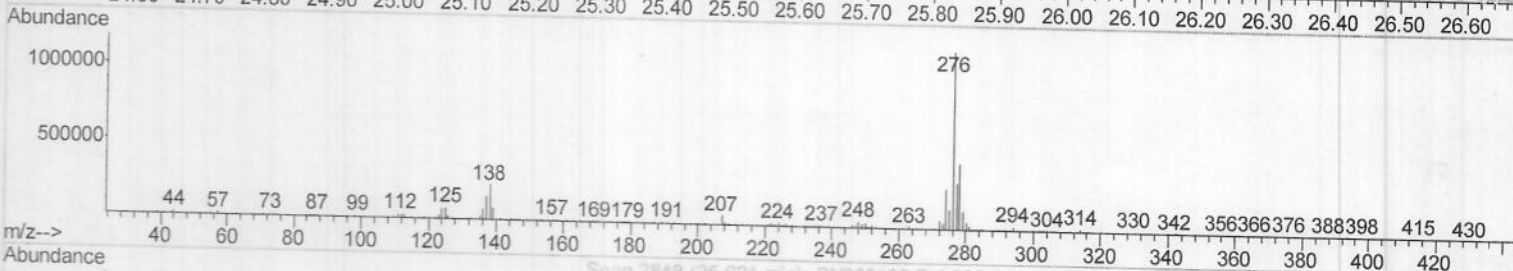
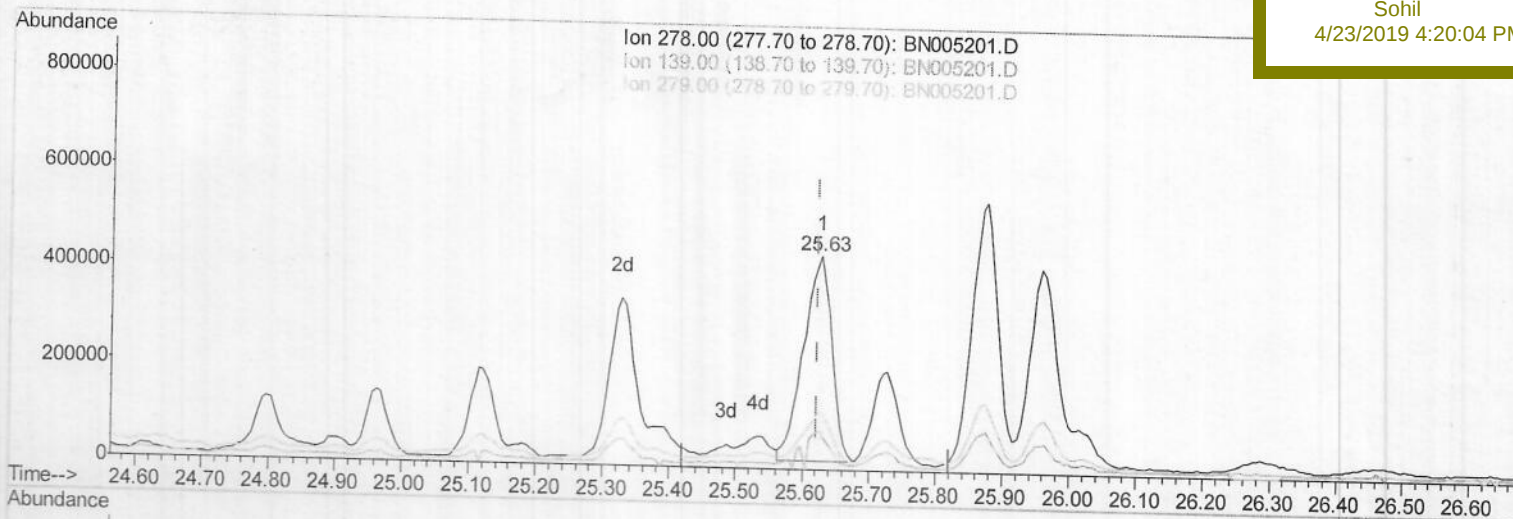
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(92) Dibenzo(a,h)anthracene

25.627min (+0.006) 16.58ng/ul m

response 1233648

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	17.86
279.00	24.20	27.03
0.00	0.00	0.00

SJ
 04/23/19

Quantitation Report (Qedit)

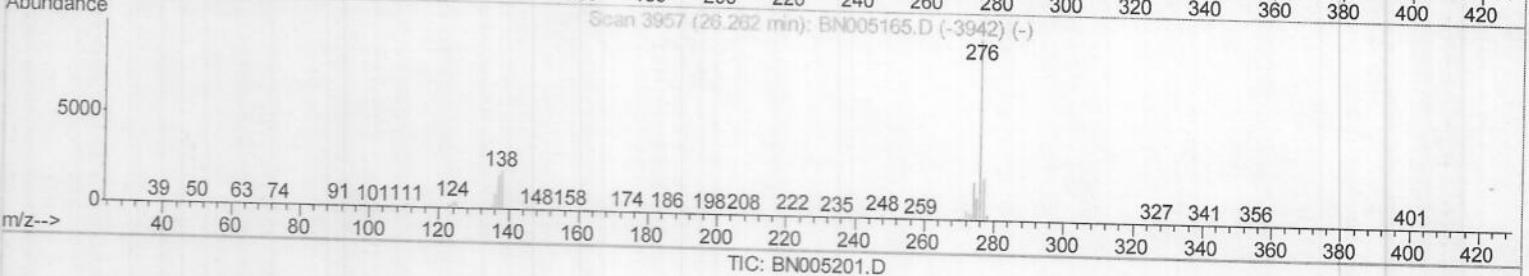
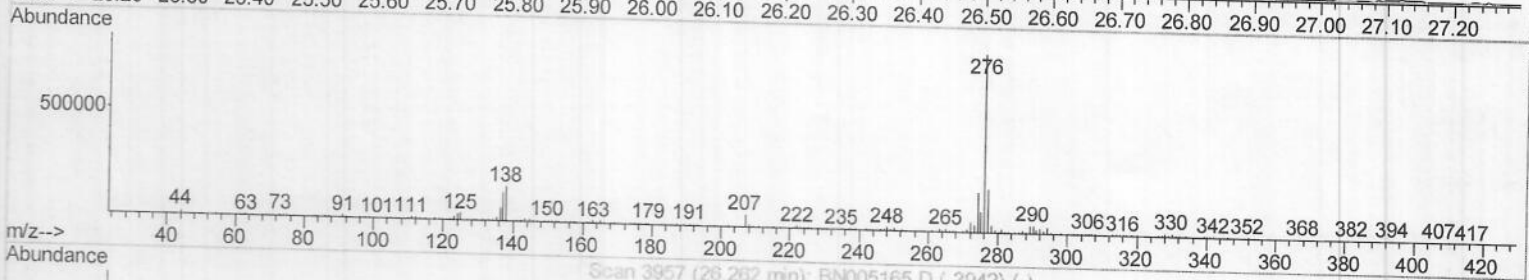
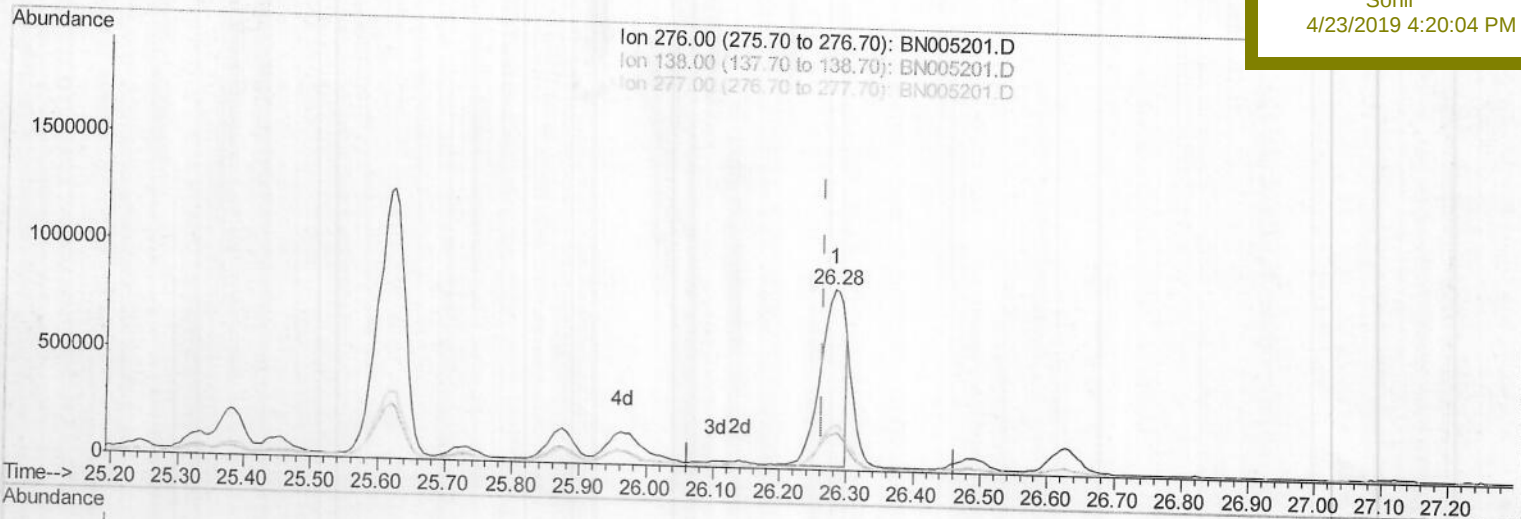
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



(93) Benzo(g,h,i)perylene
 26.280min (+0.018) 28.95ng/ul
 response 2098582

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	19.74
277.00	22.70	24.46
0.00	0.00	0.00

Quantitation Report (Qedit)

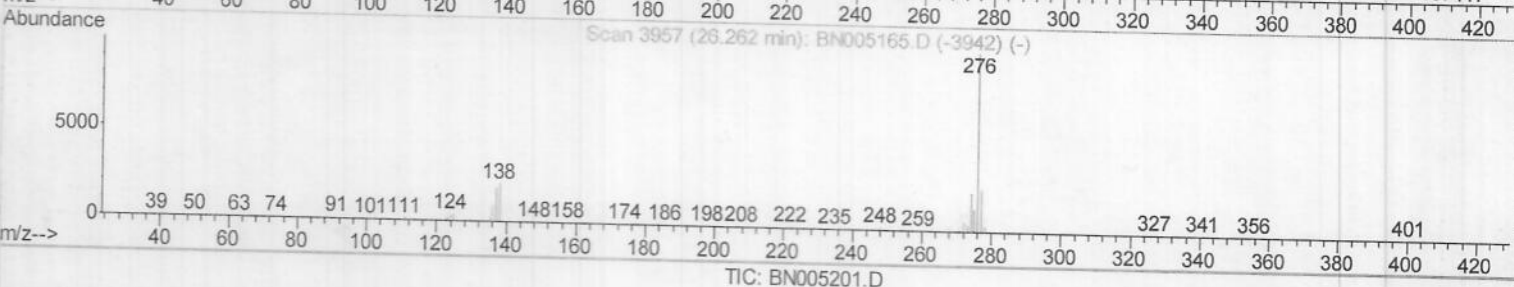
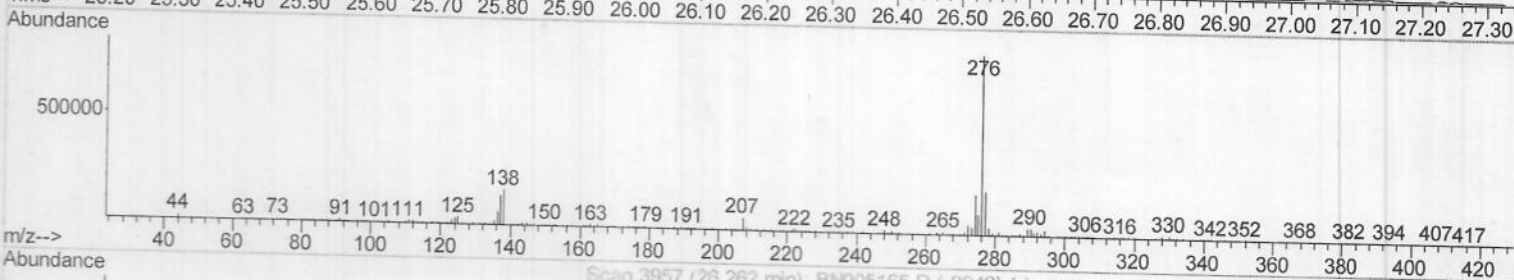
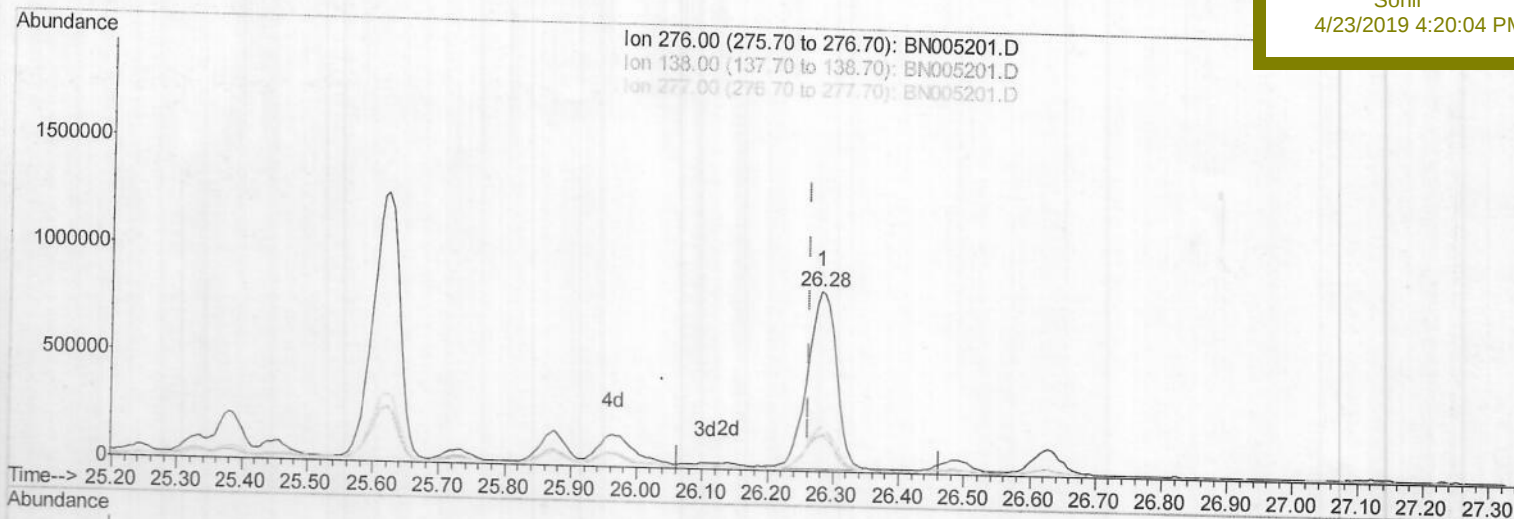
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 23 09:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM



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

26.280min (+0.018) 34.79ng/ul m

response 2522164

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	19.74
277.00	22.70	24.46
0.00	0.00	0.00

SJ
 04/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005201.D
 Acq On : 23 Apr 2019 07:22
 Operator : JU/SJ
 Sample : K2402-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:04 PM

Quant Time: Apr 23 09:32:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	253380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1248899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	731786	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1518955	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1236613	20.00	ng/ul	0.01
85) Perylene-d12	23.43	264	1500686m	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	83231	15.86	ng/uL	0.00
5) Phenol-d5	6.78	99	774496	38.92	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	479801	38.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	618732	40.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	620341	39.88	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	297326	38.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	323126	41.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	614492	34.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	419967	22.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1760783	33.15	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2157569	33.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	241882	28.84	ng/ul	0.00
57) Fluorene-d10	15.23	176	1447769	32.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	111850	16.37	ng/ul	0.00
70) Anthracene-d10	17.09	188	2100488	32.99	ng/ul	0.00
78) Pyrene-d10	19.40	212	2108865	33.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	2040724	31.12	ng/ul	0.02
Target Compounds						
28) Naphthalene	10.41	128	1077194	18.553	ng/ul	Qvalue 99
34) 2-Methylnaphthalene	12.03	142	1401706	32.972	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	90934	1.668	ng/ul	99
44) Dimethylphthalate	13.70	163	568933	10.749	ng/ul	99
47) Acenaphthylene	13.95	152	4603031	71.789	ng/ul	99
49) Acenaphthene	14.29	153	139959	3.197	ng/ul	97
58) Fluorene	15.29	166	744970m	15.148	ng/ul	97
69) Phenanthrene	17.03	178	2610463	35.288	ng/ul	99
71) Anthracene	17.12	178	2446268	32.462	ng/ul	99
76) Fluoranthene	19.07	202	11960072	145.760	ng/ul	100
79) Pyrene	19.43	202	17113696m	214.938	ng/ul	99
82) Benzo(a)anthracene	21.21	228	10391107	135.072	ng/ul#	74
84) Chrysene	21.26	228	9211847	129.021	ng/ul	95
87) Benzo(b)fluoranthene	22.79	252	8055047	95.487	ng/ul	99
88) Benzo(k)fluoranthene	22.82	252	2192415m	27.212	ng/ul	99
90) Benzo(a)pyrene	23.34	252	7769597m	97.987	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.62	276	3523373m	40.191	ng/ul	99
92) Dibenzo(a,h)anthracene	25.63	278	1233648m	16.581	ng/ul	99
93) Benzo(g,h,i)perylene	26.28	276	2522164m	34.794	ng/ul	99

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