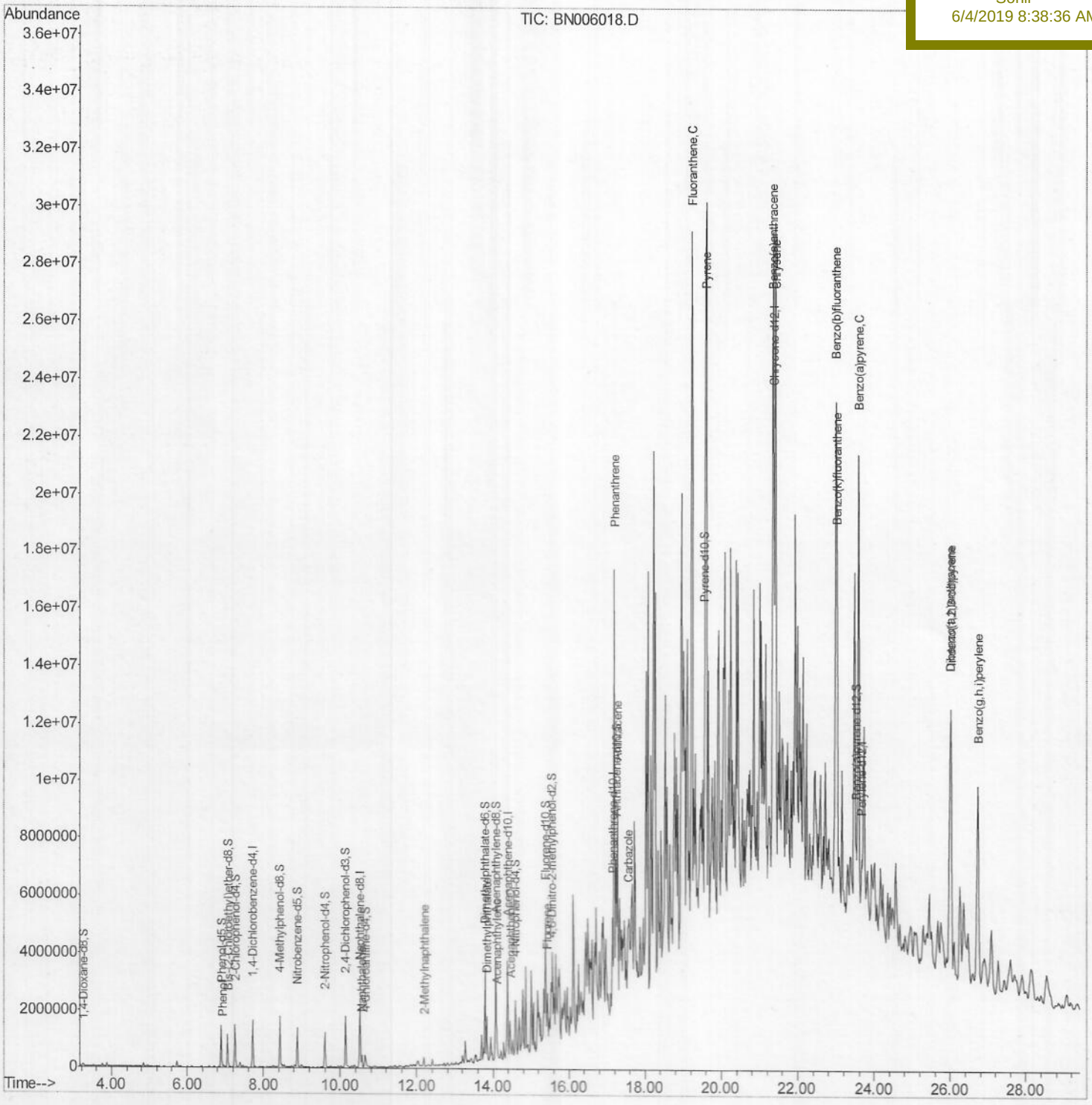
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006018.D
Acq On : 02 Jun 2019 06:41
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 04:26:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006018.D
Acq On : 02 Jun 2019 06:41
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 01:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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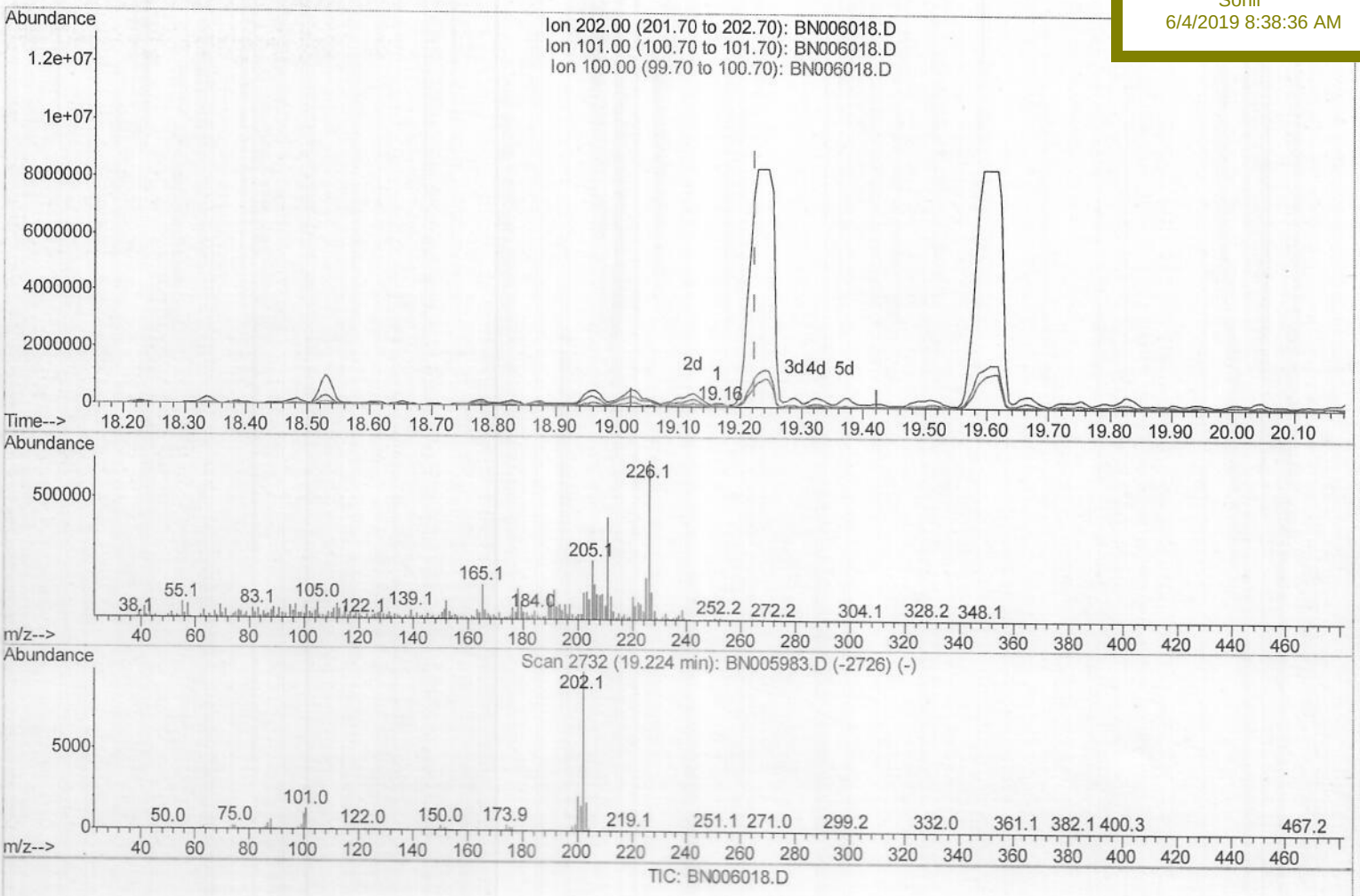
Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM



(76) Fluoranthene (C)

19.165min (-0.059) 0.56ng/ul

response 54684

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	47.95#
100.00	7.90	17.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 02 Jun 2019 06:41
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BNA_N
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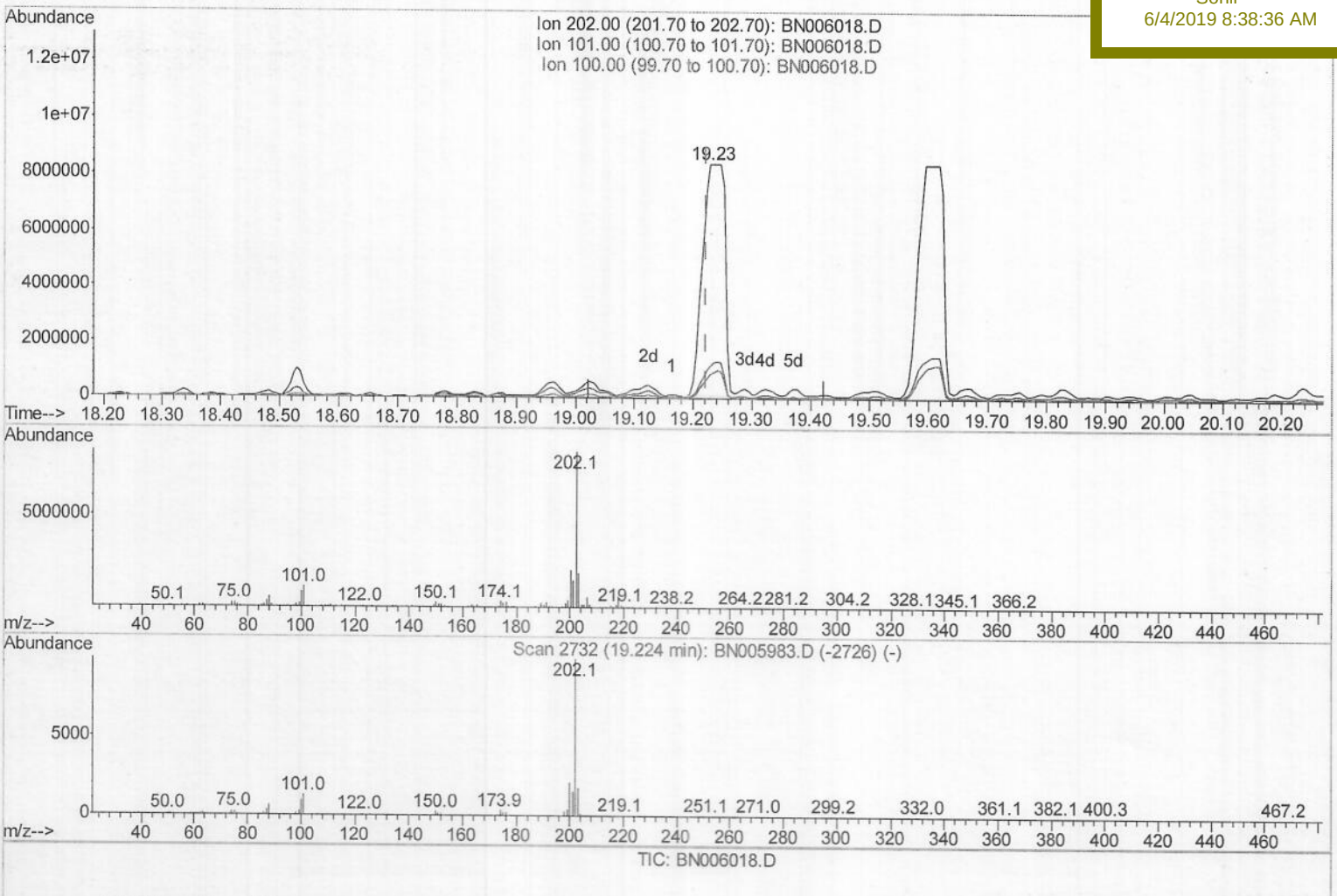
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM



(76) Fluoranthene (C)

19.229min (+0.006) 222.97ng/ul m)JU06/05/19

response 21763554

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	13.54#
100.00	7.90	10.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006018.D
Acq On : 02 Jun 2019 06:41
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 01:08:00 2019
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QLast Update : Sat Jun 01 01:49:29 2019
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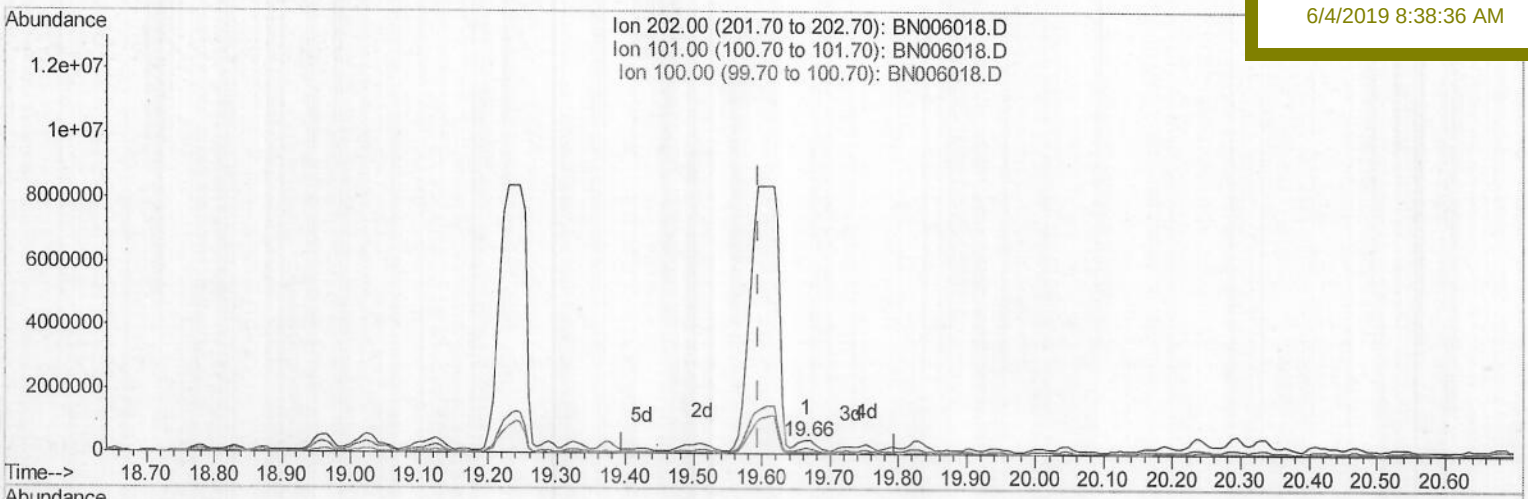
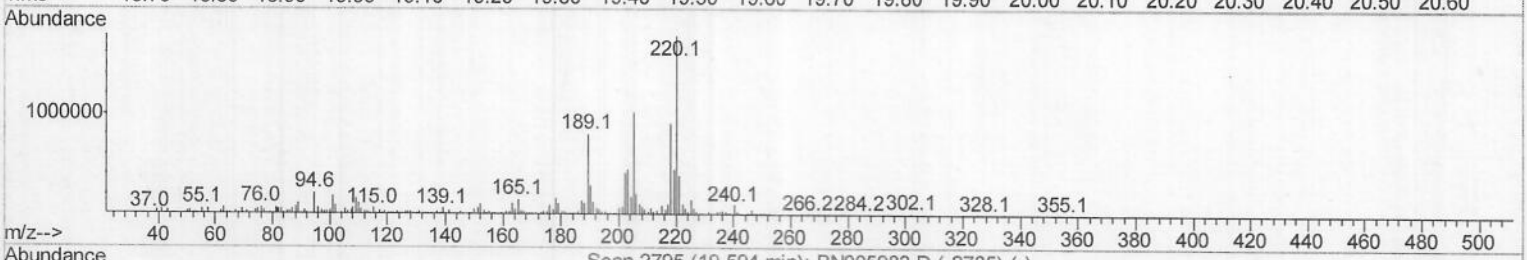
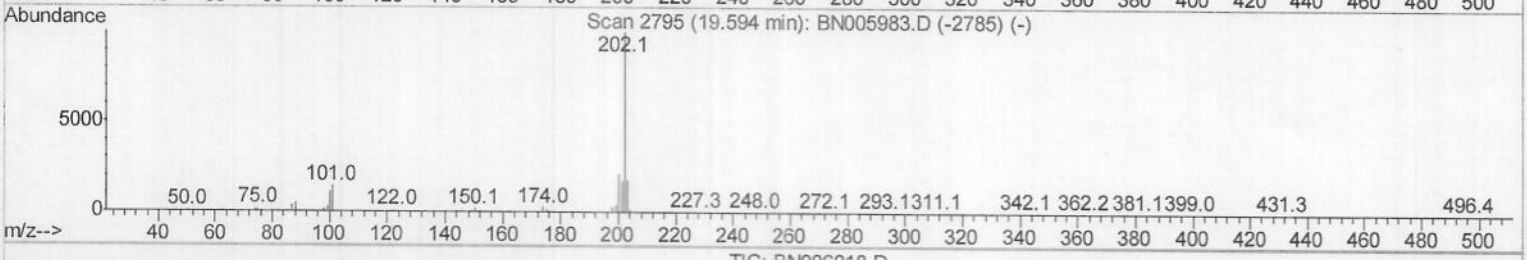
Instrument :
BNA_N
ClientSampleId :
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM







TIC: BN006018.D

(79) Pyrene

19.665min (+0.070) 10.93ng/ul

response 645953

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	44.91#
100.00	9.90	10.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
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Acq On : 02 Jun 2019 06:41
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 01:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
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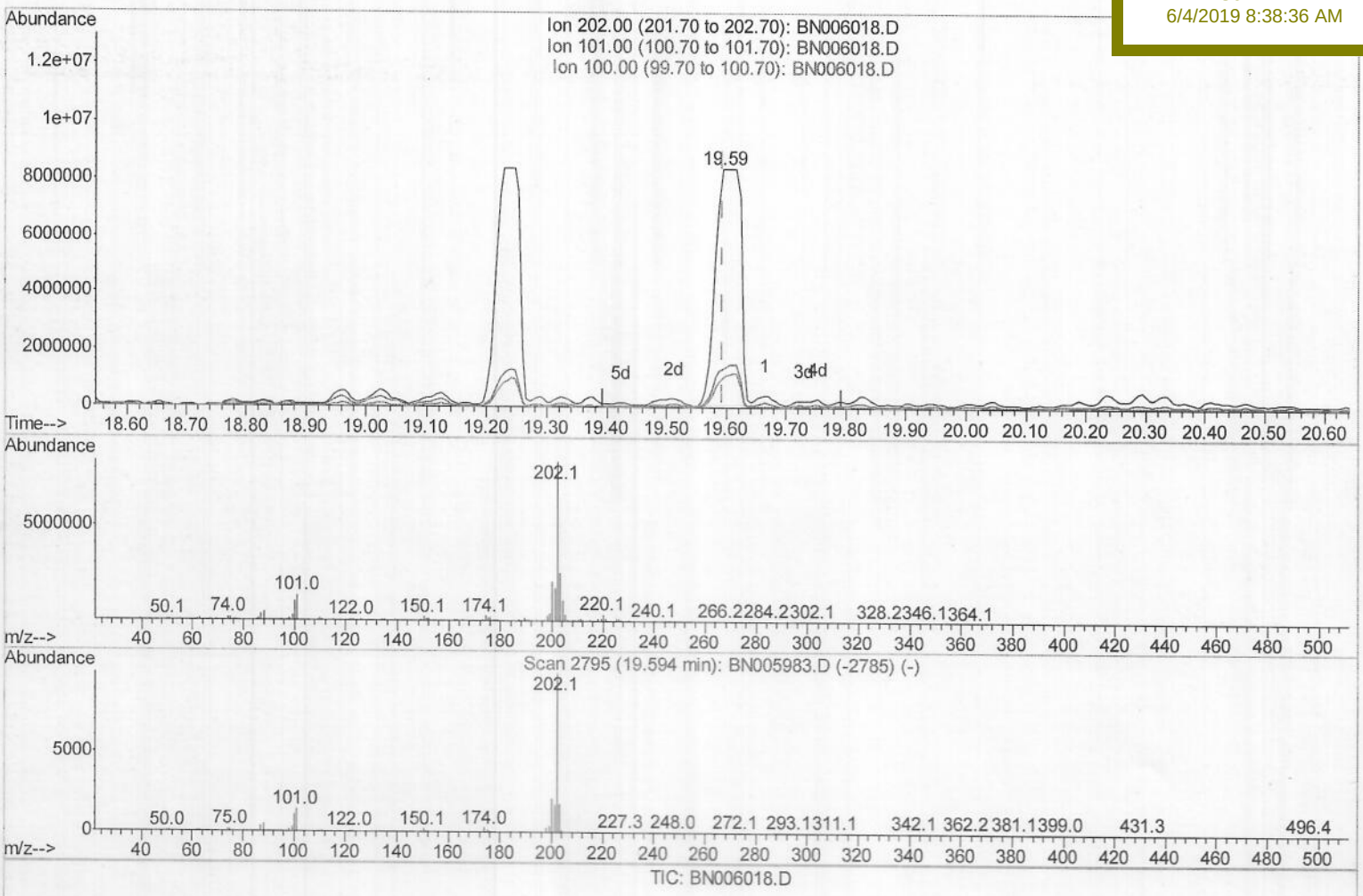
Instrument :
BNA_N
ClientSampleId :
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM



TIC: BN006018.D

(79) Pyrene

19.594min (-0.000) 404.47ng/ul m) JU06/05/19

response 23910391

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	16.01#
100.00	9.90	12.26#
0.00	0.00	0.00

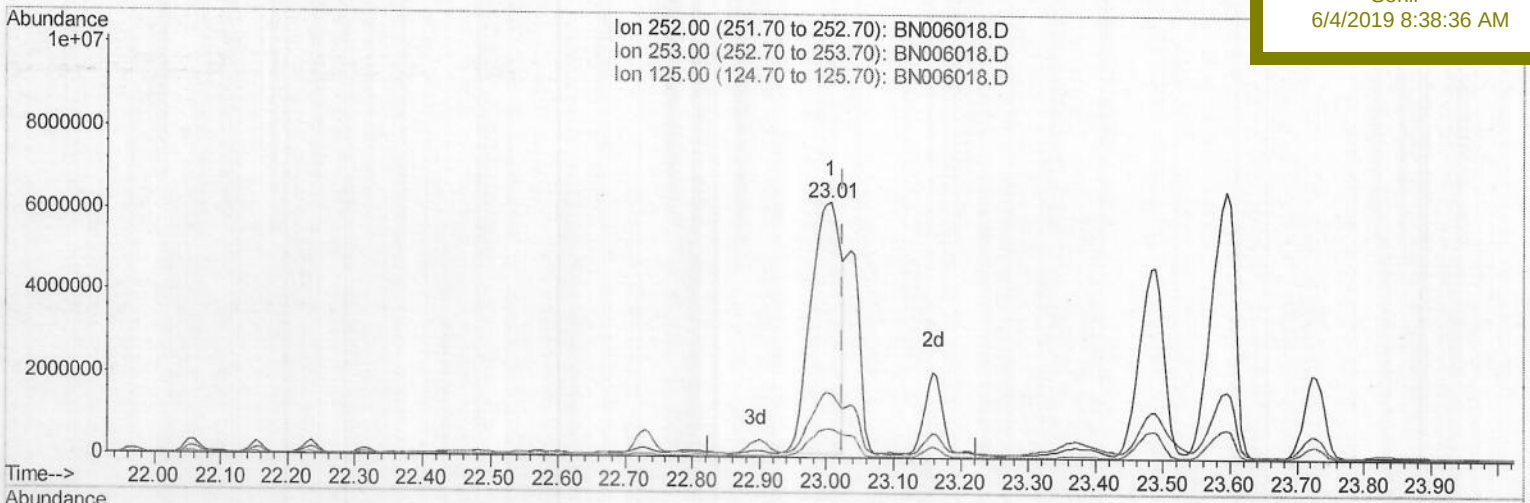
Quantitation Report (Qedit)

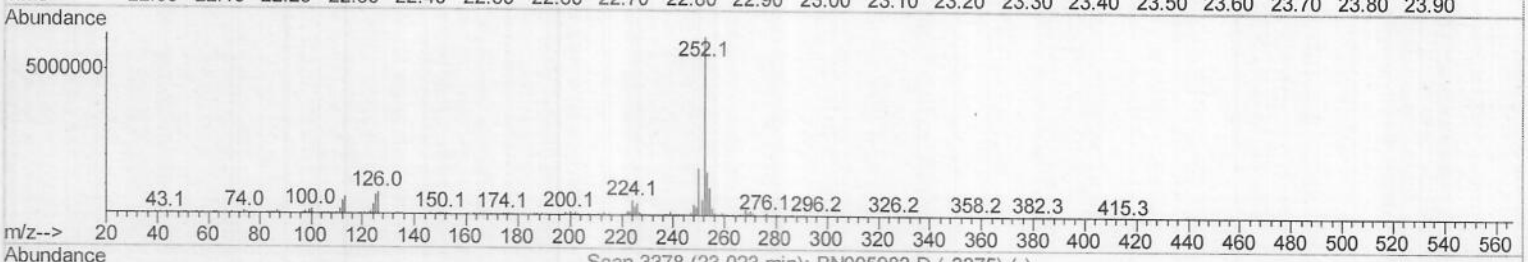
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006018.D
Acq On : 02 Jun 2019 06:41
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

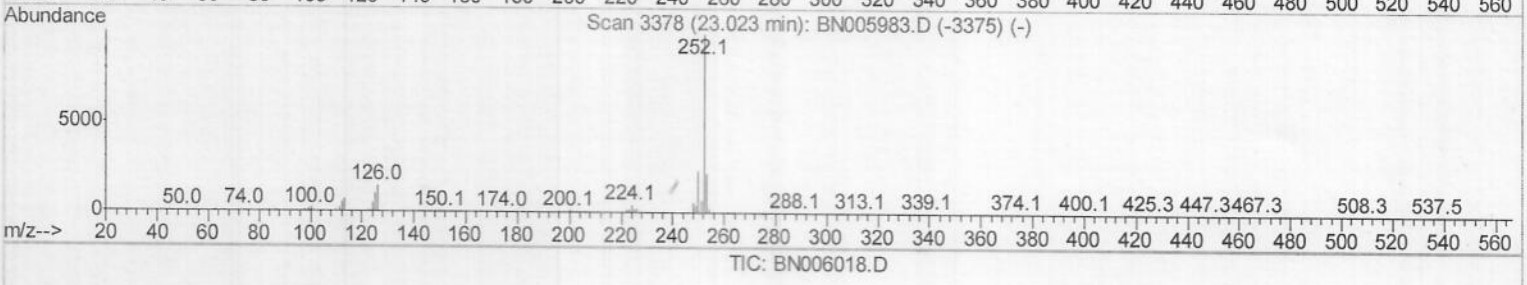
Quant Time: Jun 03 01:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM







(88) Benzo(k)fluoranthene

23.006min (-0.018) 241.39ng/ul

response 18932180

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.62
125.00	9.40	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

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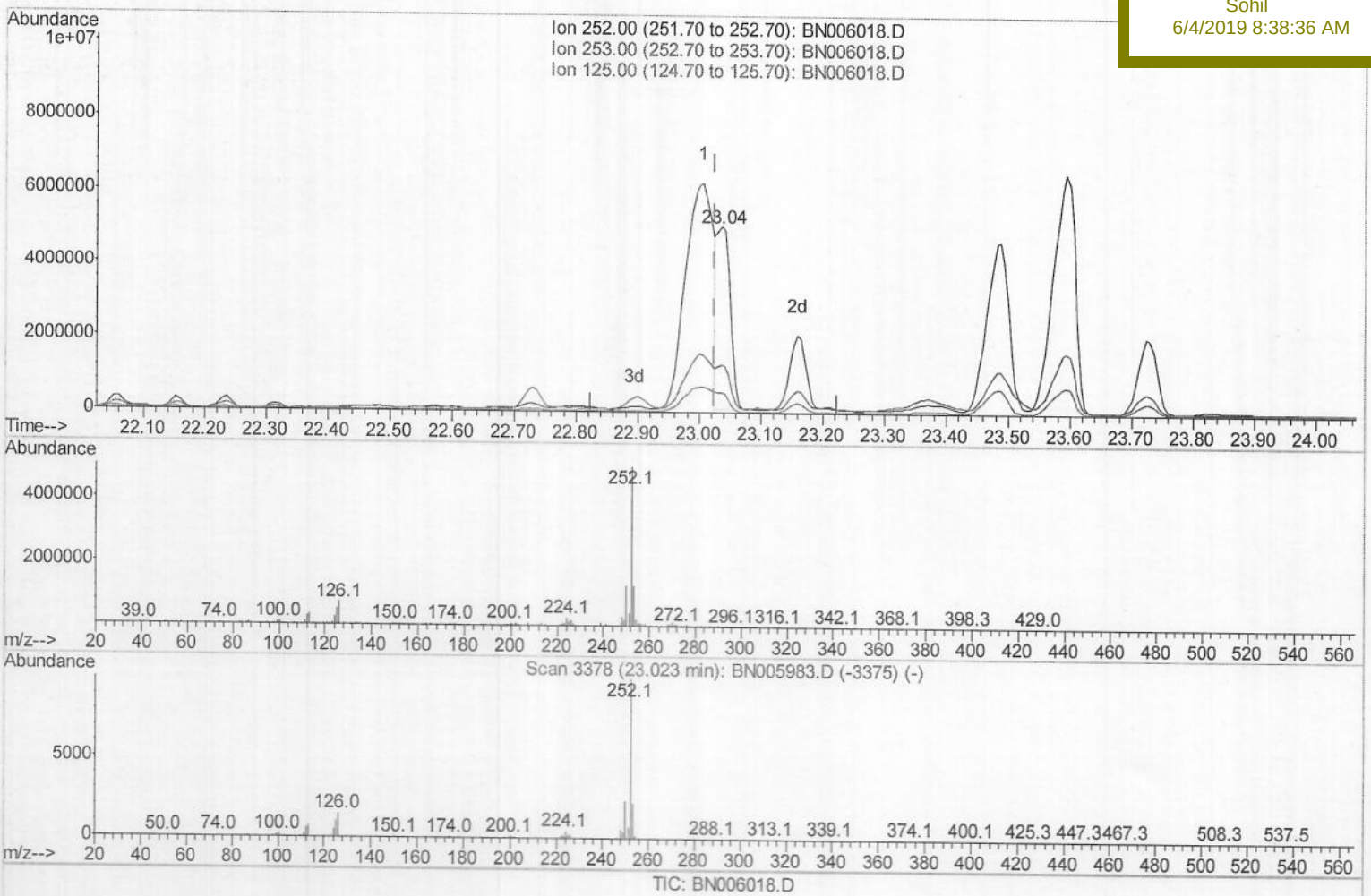
Operator : JU/SJ
Sample : K2928-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 03 01:08:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM



TIC: BN006018.D

(88) Benzo(k)fluoranthene

23.035min (+0.012) 95.46ng/ul m) JU06/05/19

response 7486872

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.24
125.00	9.40	10.51
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Instrument : BNA_N
ClientSampleId : A42C9

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	431597	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.51	136	1867748	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1031261	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	1845429	20.00	ng/ul	-0.02
77) Chrysene-d12	21.38	240	933208	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1518707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	35707	3.64	ng/uL	0.00
5) Phenol-d5	6.89	99	828001	21.64	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	482487	22.11	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	675630	23.19	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	658527	21.33	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	345041	28.78	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	391969	35.11	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	668296	25.35	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.66	131	295770	8.56	ng/ul	-0.01
43) Dimethylphthalate-d6	13.79	166	2079019	27.35	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	2449152	25.75	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	282324	20.41	ng/ul	-0.02
57) Fluorene-d10	15.38	176	1601991	25.13	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.52	200	118662	15.78	ng/ul	0.00
70) Anthracene-d10	17.24	188	2025065	25.78	ng/ul	-0.01
78) Pyrene-d10	19.56	212	1515398	32.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	1541063	22.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	56417	1.431	ng/ul	96
28) Naphthalene	10.57	128	298368	3.366	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	147315	2.256	ng/ul	96
44) Dimethylphthalate	13.84	163	837060	11.016	ng/ul	100
47) Acenaphthylene	14.10	152	611912	6.561	ng/ul	97
49) Acenaphthene	14.45	153	504060	7.956	ng/ul	99
58) Fluorene	15.44	166	441469	6.285	ng/ul#	97
69) Phenanthrene	17.19	178	10069660	110.130	ng/ul	96
71) Anthracene	17.28	178	4137354	44.570	ng/ul	99
74) Carbazole	17.55	167	277921	3.323	ng/ul#	56
76) Fluoranthene	19.23	202	21763554m	222.967	ng/ul	
79) Pyrene	19.59	202	23910391m	404.473	ng/ul	
82) Benzo(a)anthracene	21.36	228	18361457	312.996	ng/ul#	86
84) Chrysene	21.42	228	16747531	306.094	ng/ul#	88
87) Benzo(b)fluoranthene	23.01	252	18932180	221.945	ng/ul	96
88) Benzo(k)fluoranthene	23.04	252	7486872m	95.460	ng/ul	
90) Benzo(a)pyrene	23.59	252	16245545	201.955	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	26.03	276	11410698	120.888	ng/ul	97
92) Dibenzo(a,h)anthracene	26.01	278	4333687	55.144	ng/ul#	90
93) Benzo(g,h,i)perylene	26.74	276	9955633	125.231	ng/ul	97

JU 06/05/19

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