Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

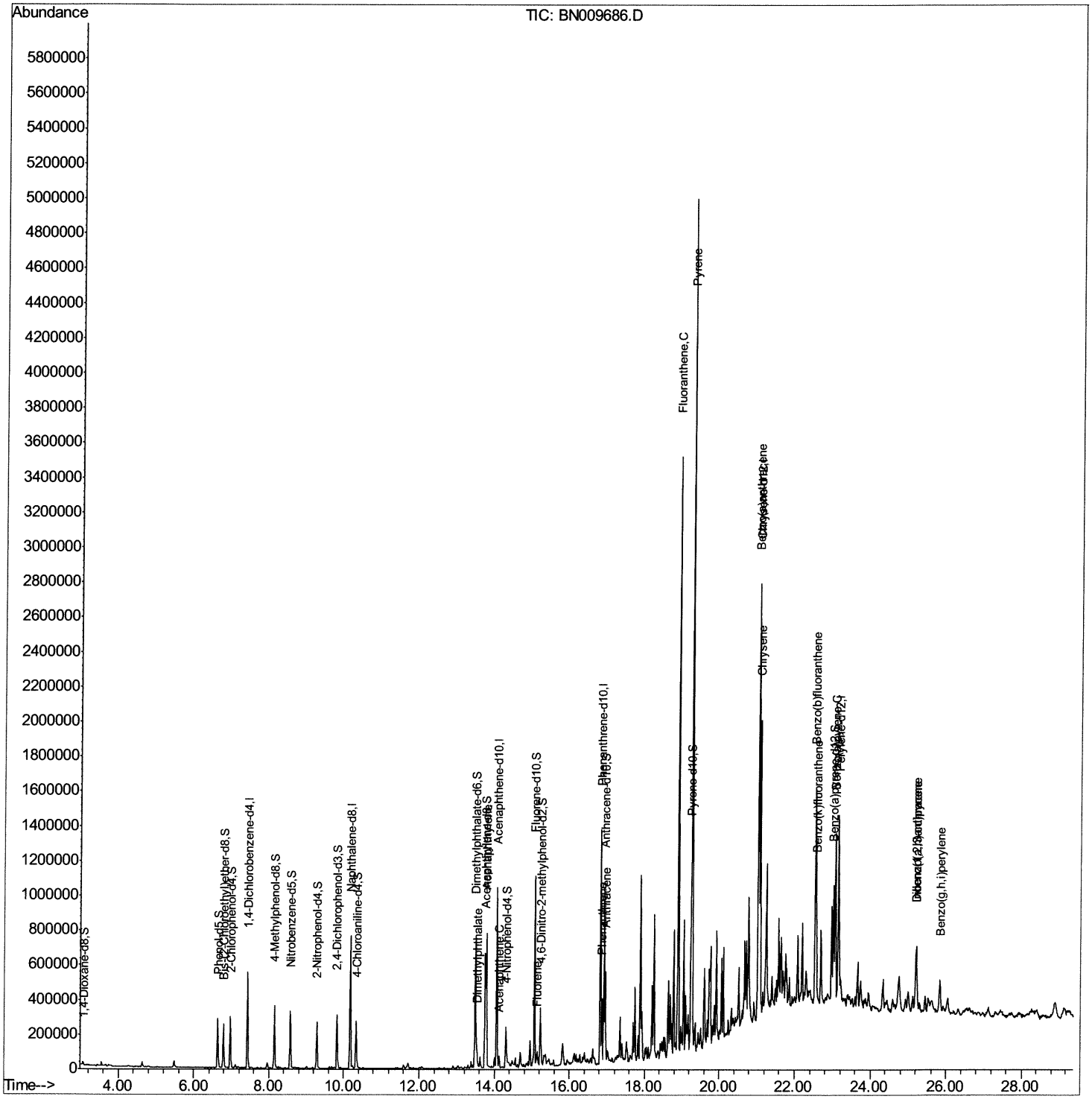
Quantitation Report (QT Reviewed)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 05:32:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:27 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 01:39:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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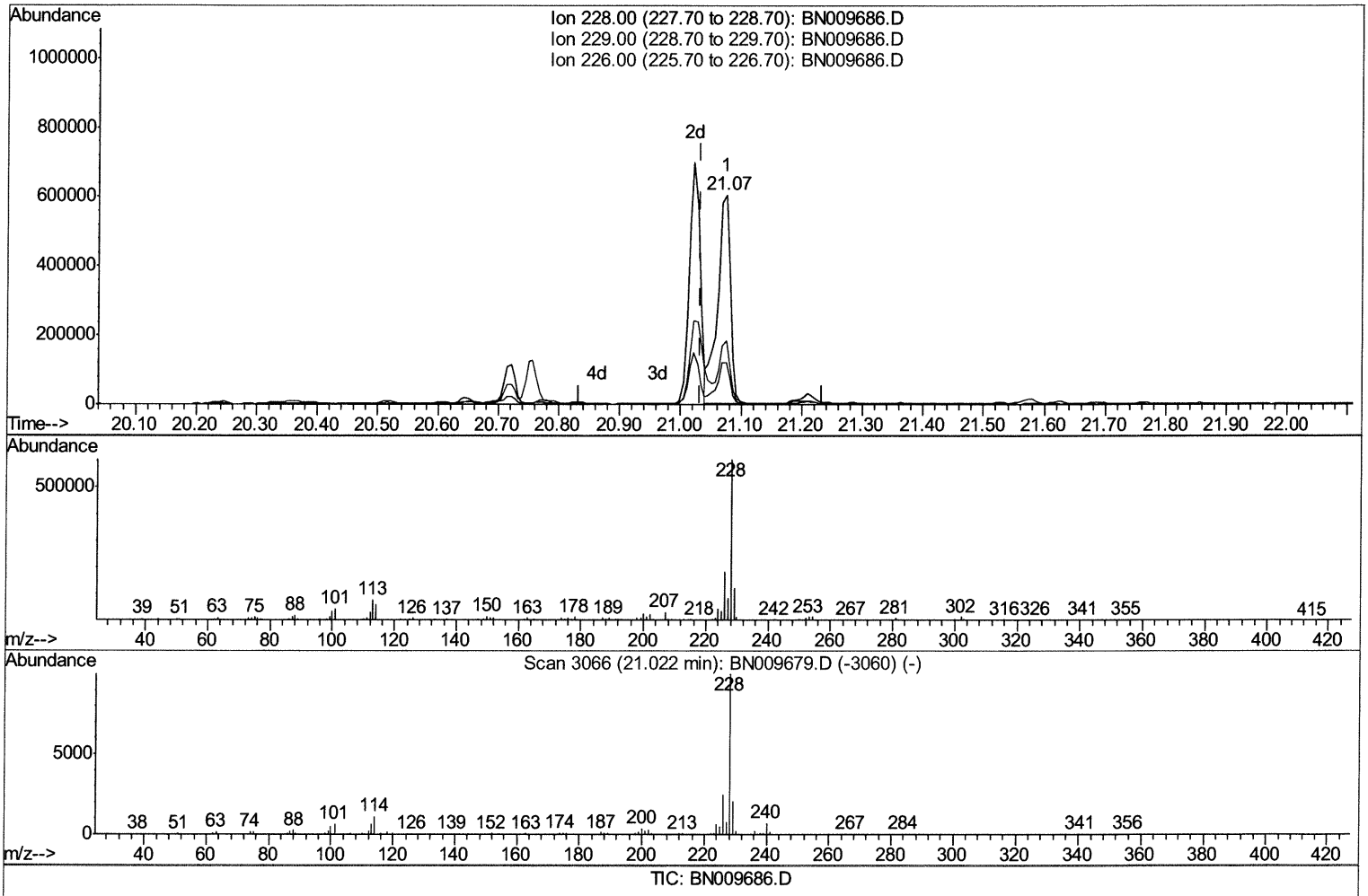
Manual Integrations APPROVED
mohammad
2/12/2020 9:51:27 AM



TIC: BN009686.D

(82) Benzo(a)anthracene

21.074min (+0.041) 18.90ng/ul

response 885566

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.96
226.00	26.10	30.43
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

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Acq On : 10 Feb 2020 15:36
Operator : CG/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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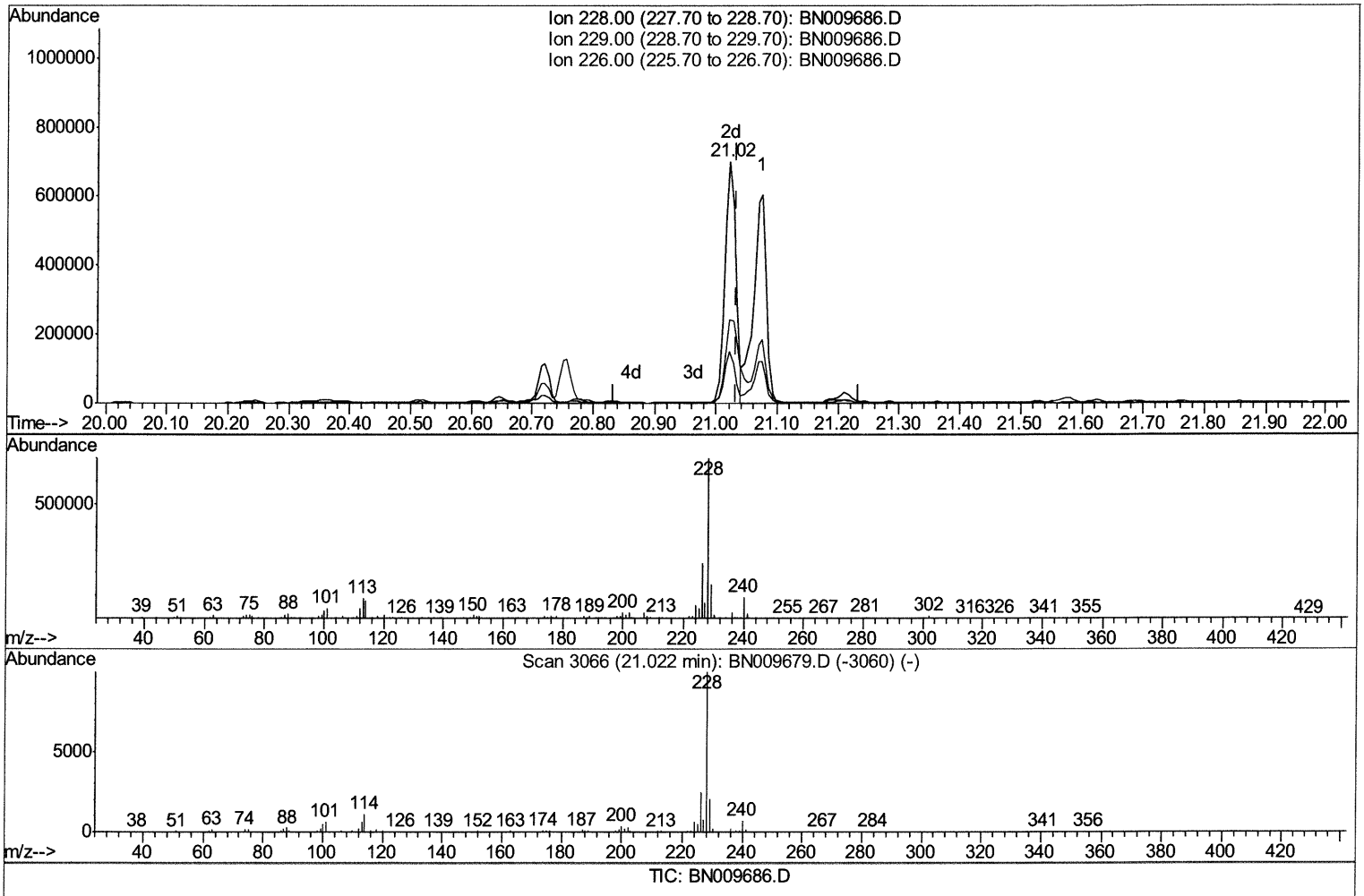
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:27 AM



TIC: BN009686.D

(82) Benzo(a)anthracene

21.022min (-0.012) 18.68ng/ul m JU 02/14/20

response 875530

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	21.53
226.00	26.10	34.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 01:39:43 2020
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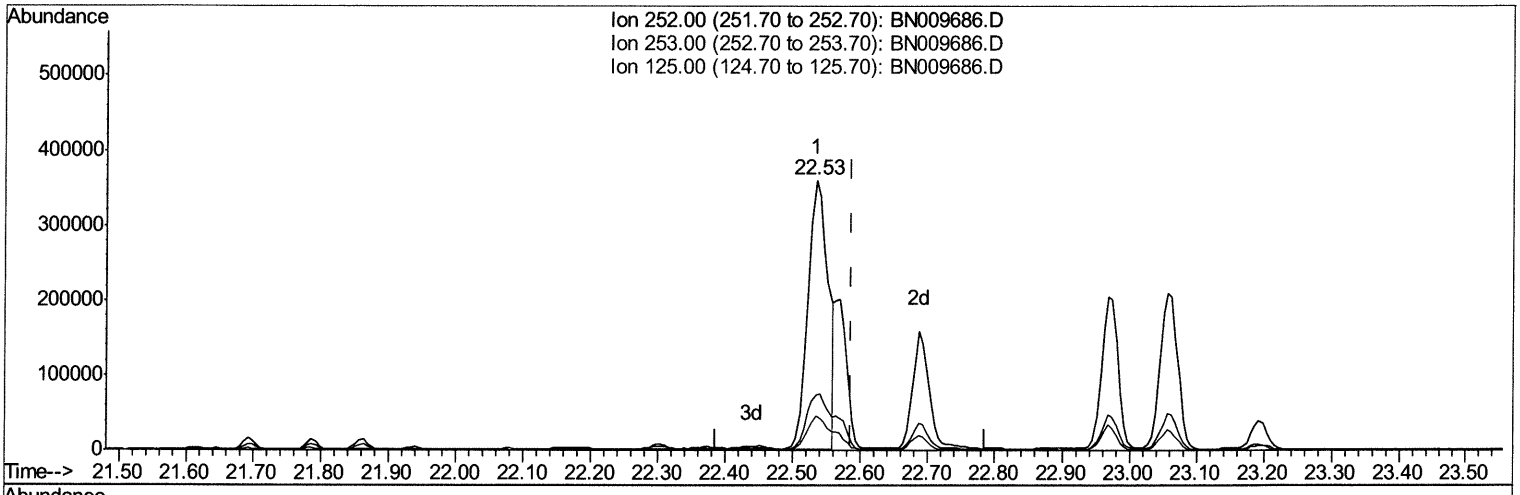
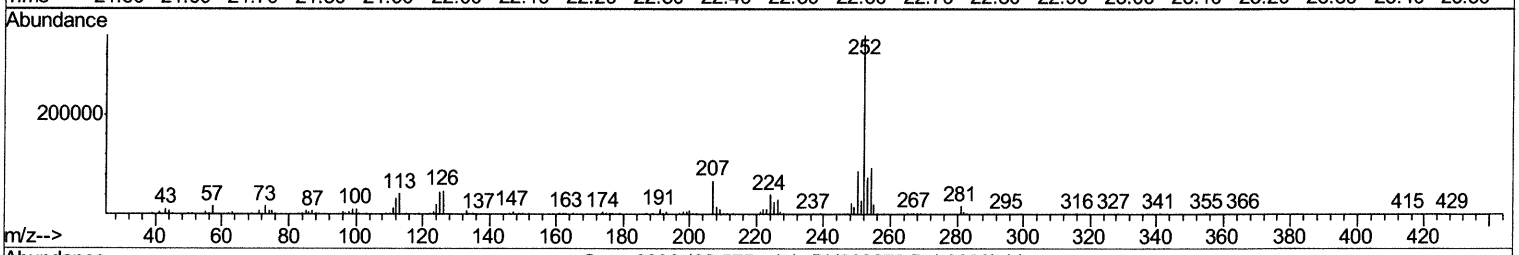
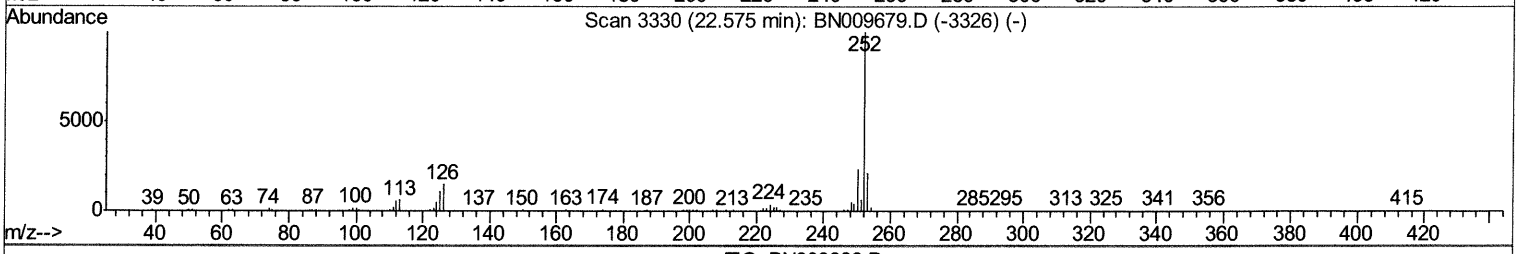
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
mohammad
2/12/2020 9:51:27 AM







TIC: BN009686.D

(88) Benzo(k)fluoranthene

22.533min (-0.053) 17.73ng/ul

response 730314

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	20.64
125.00	10.00	12.62#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 01:39:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
mohammad
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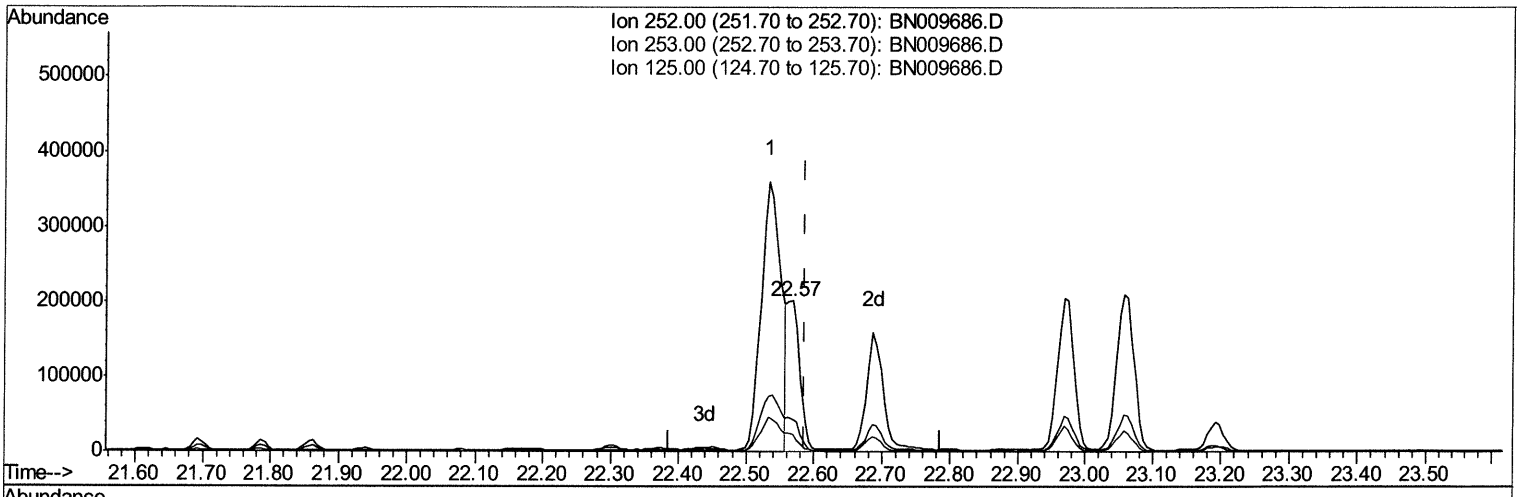

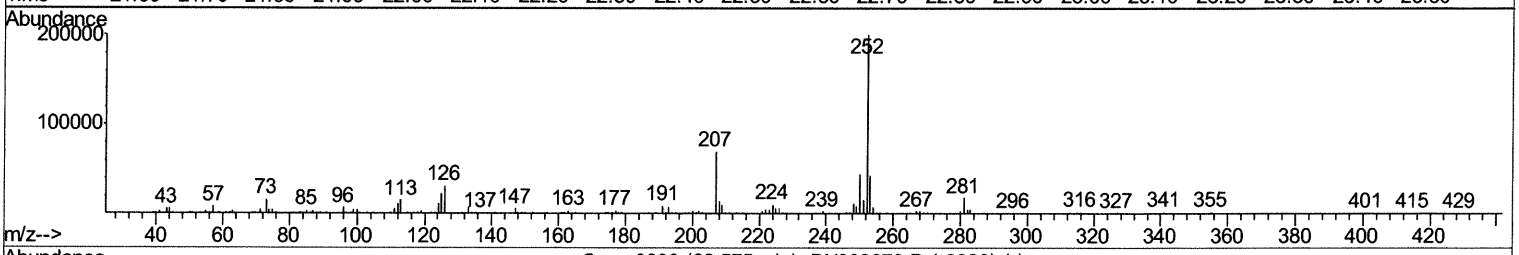

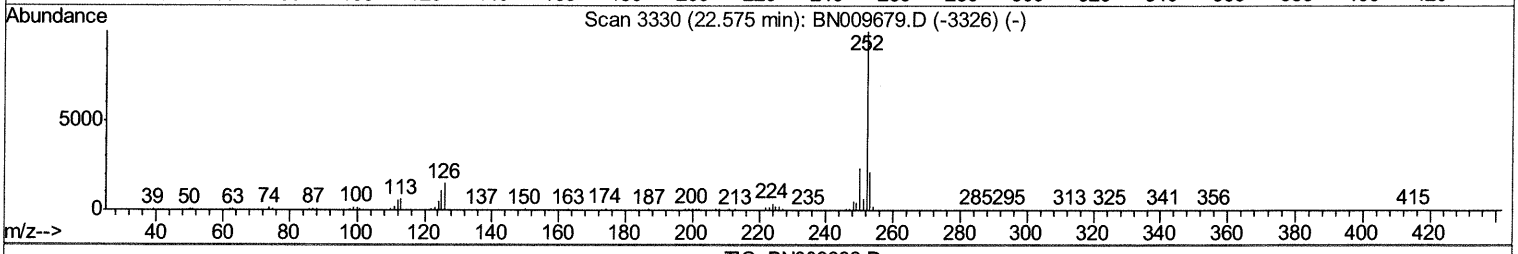

TIC: BN009686.D

(88) Benzo(k)fluoranthene

22.569min (-0.018) 6.20ng/ul m JU 02/14/20

response 255563

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.56
125.00	10.00	11.22
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 01:39:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
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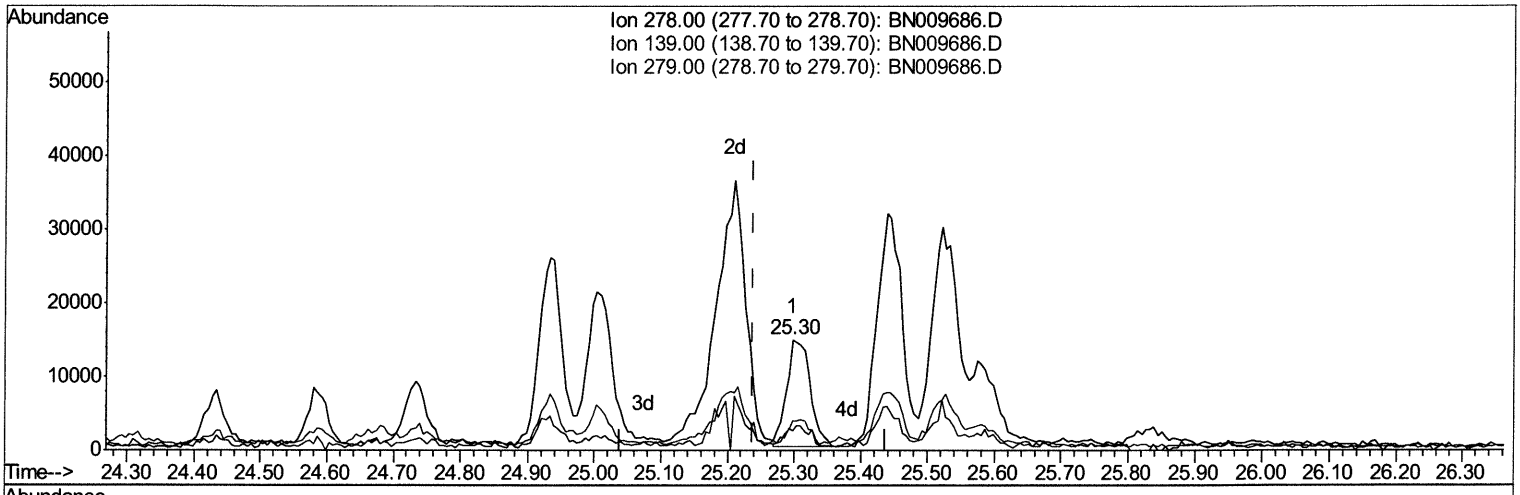

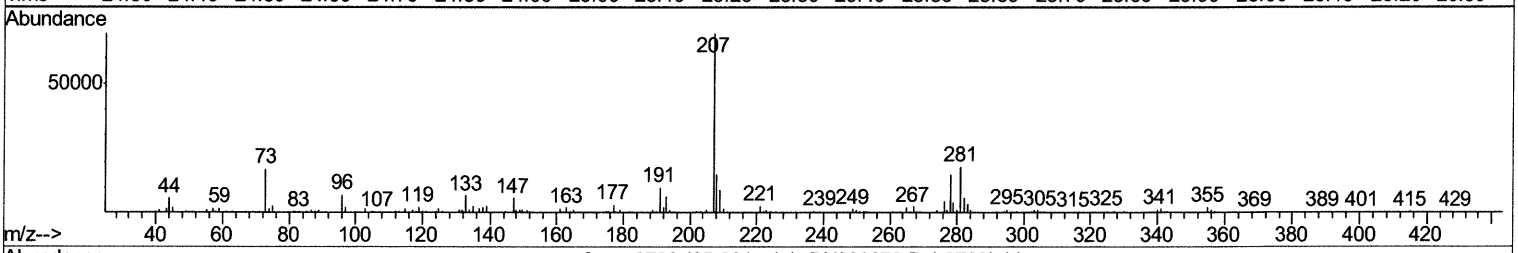

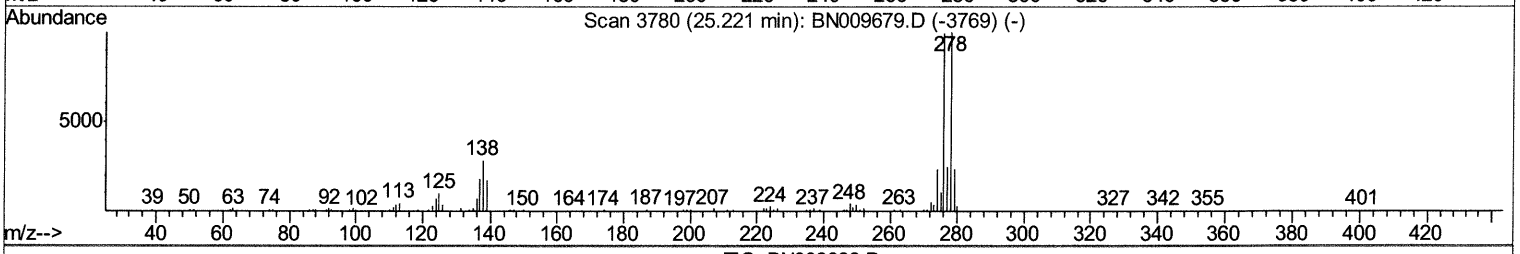

TIC: BN009686.D

(92) Dibenzo(a,h)anthracene

25.298min (+0.059) 0.93ng/ul

response 36075

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	18.17
279.00	24.80	26.56
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Qedit)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 01:39:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAT74ME

Manual Integrations APPROVED
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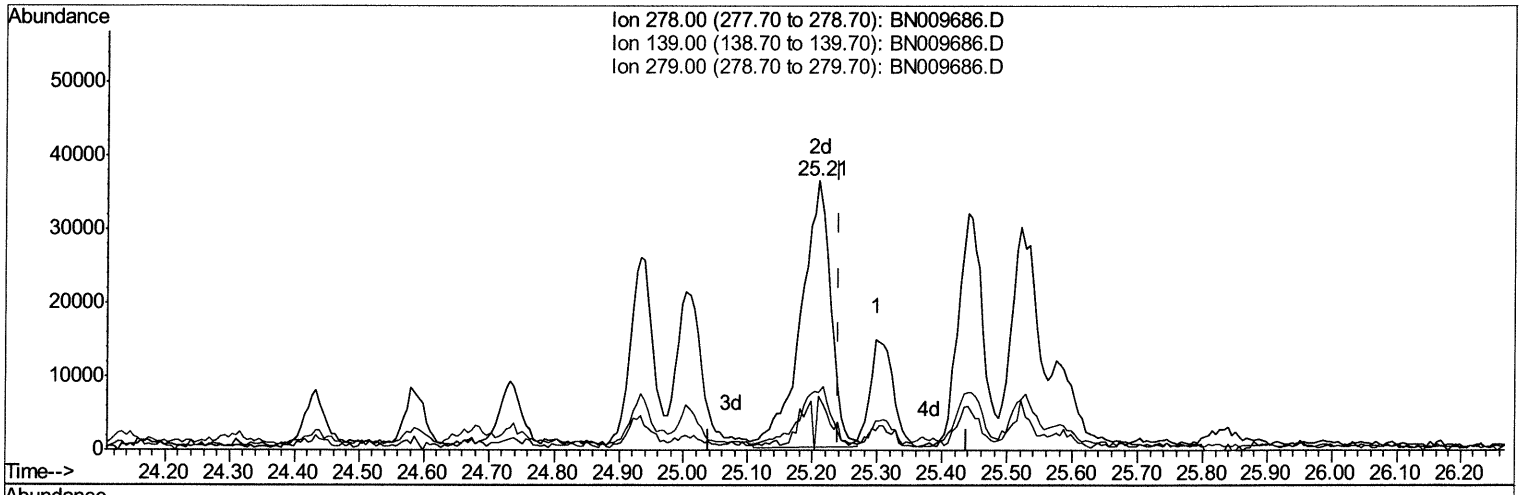
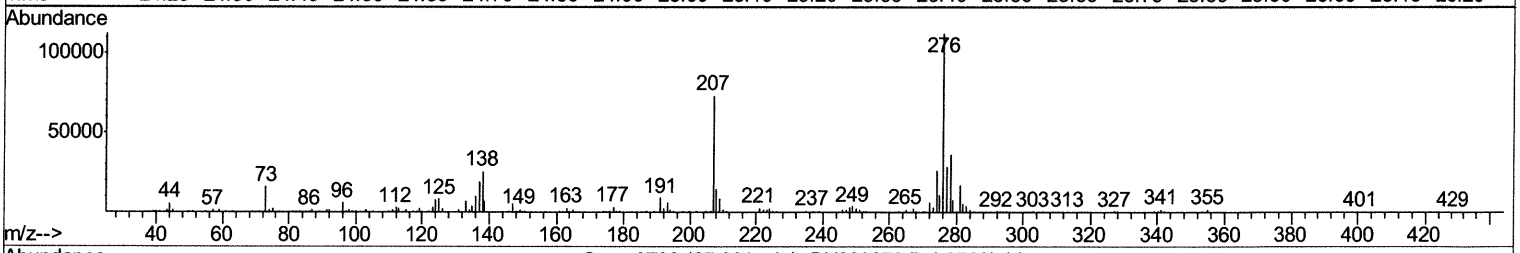
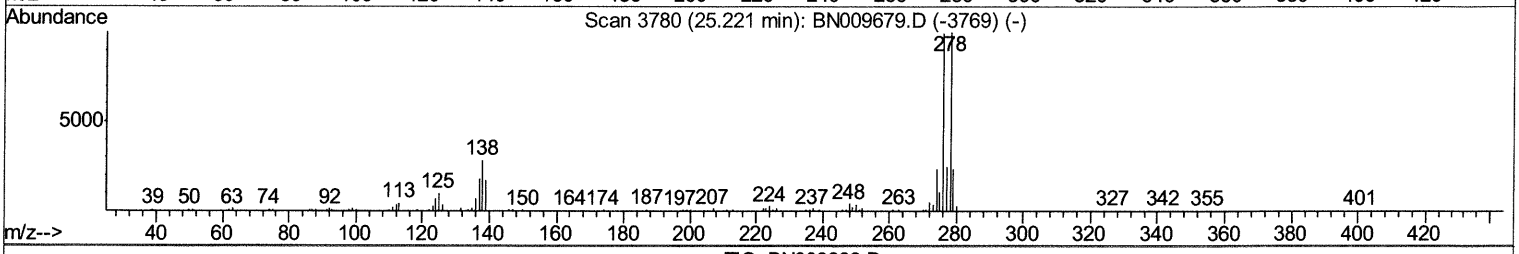
2/12/2020 9:51:27 AM







TIC: BN009686.D

(92) Dibenzo(a,h)anthracene

25.210min (-0.029) 2.97ng/ul m JU 02/14/20

response 115286

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	19.79#
279.00	24.80	21.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (QT Reviewed)

Data File : BN009686.D
Acq On : 10 Feb 2020 15:36
Operator : CG/JU
Sample : L1324-19ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 05:32:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GAT74ME

Manual Integrations APPROVED
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2/12/2020 9:51:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	129283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	550925	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	338768	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	715426	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	678719	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	668589	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	8263	2.62	ng/uL	0.00
5) Phenol-d5	6.63	99	144031	12.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	120313	15.89	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	115601	13.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	124742	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	63621	15.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	71210	15.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	112696	13.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	136413	14.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	455785	18.43	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	423740	14.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	62547	13.39	ng/ul	0.00
57) Fluorene-d10	15.07	176	358850	16.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	58819	13.16	ng/ul	0.00
70) Anthracene-d10	16.92	188	502375	15.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	472072	13.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	435767	13.24	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.54	163	42806	1.631	ng/ul	98
47) Acenaphthylene	13.78	152	525764	16.078	ng/ul	100
49) Acenaphthene	14.13	153	25134	1.131	ng/ul	93
58) Fluorene	15.15	166	38909	1.504	ng/ul#	52
69) Phenanthrene	16.86	178	203767	4.994	ng/ul	99
71) Anthracene	16.96	178	314732	7.603	ng/ul	99
76) Fluoranthene	18.89	202	1889901	40.586	ng/ul	99
79) Pyrene	19.26	202	2724768	54.994	ng/ul	98
82) Benzo(a)anthracene	21.02	228	875530m >	18.683	ng/ul >	98 JU 02/14/20
84) Chrysene	21.07	228	885566	18.982	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	730314	17.459	ng/ul#	97
88) Benzo(k)fluoranthene	22.57	252	255563m >	6.204	ng/ul >	98 JU 02/14/20
90) Benzo(a)pyrene	23.06	252	375955	9.700	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.20	276	291060	6.317	ng/ul	94
92) Dibenzo(a,h)anthracene	25.21	278	115286m >	2.972	ng/ul >	98 JU 02/14/20
93) Benzo(g,h,i)perylene	25.83	276	187680	4.860	ng/ul	96

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