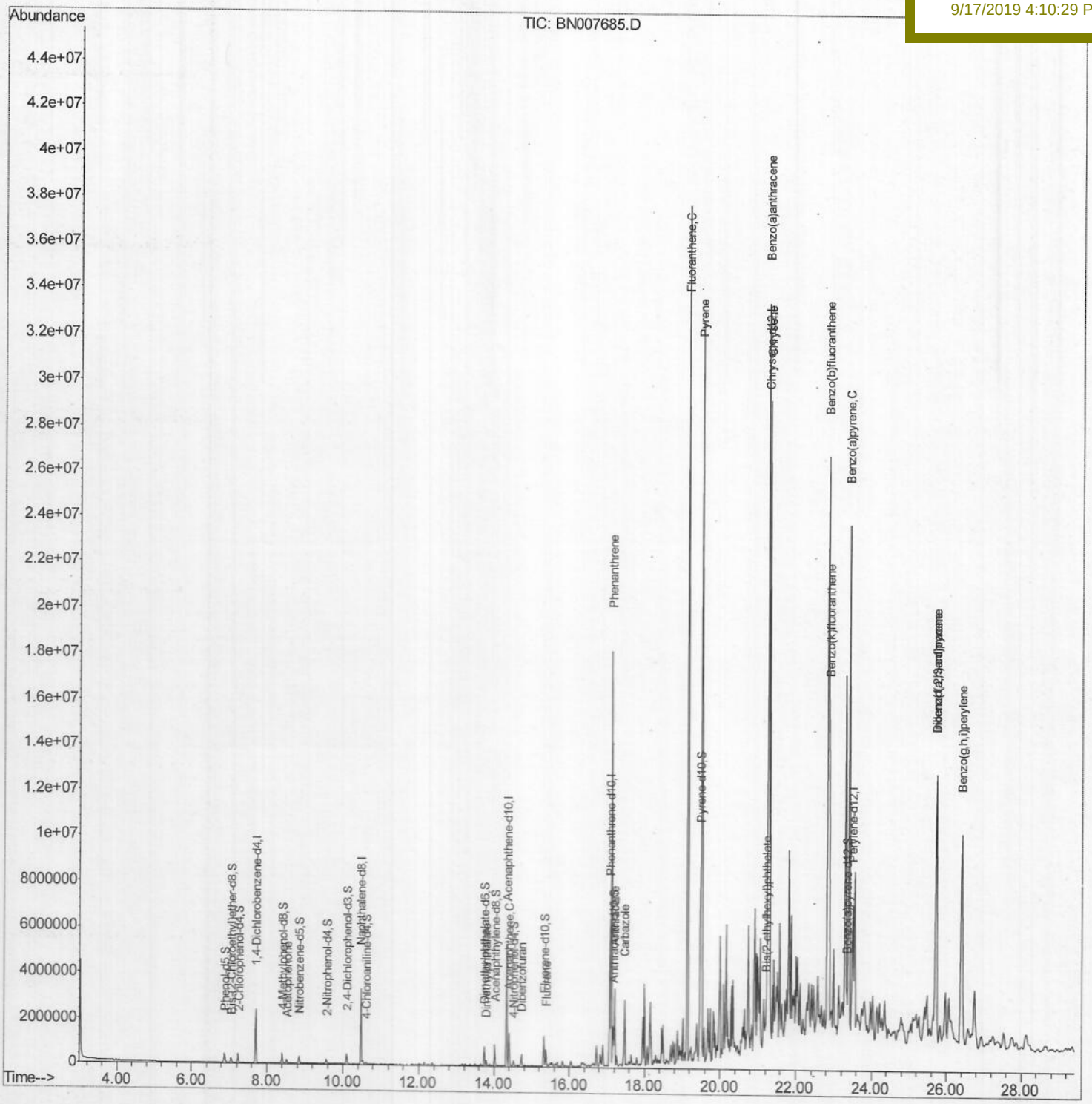
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 17 05:28:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



Quantitation Report (Qedit)

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Acq On : 17 Sep 2019 03:38
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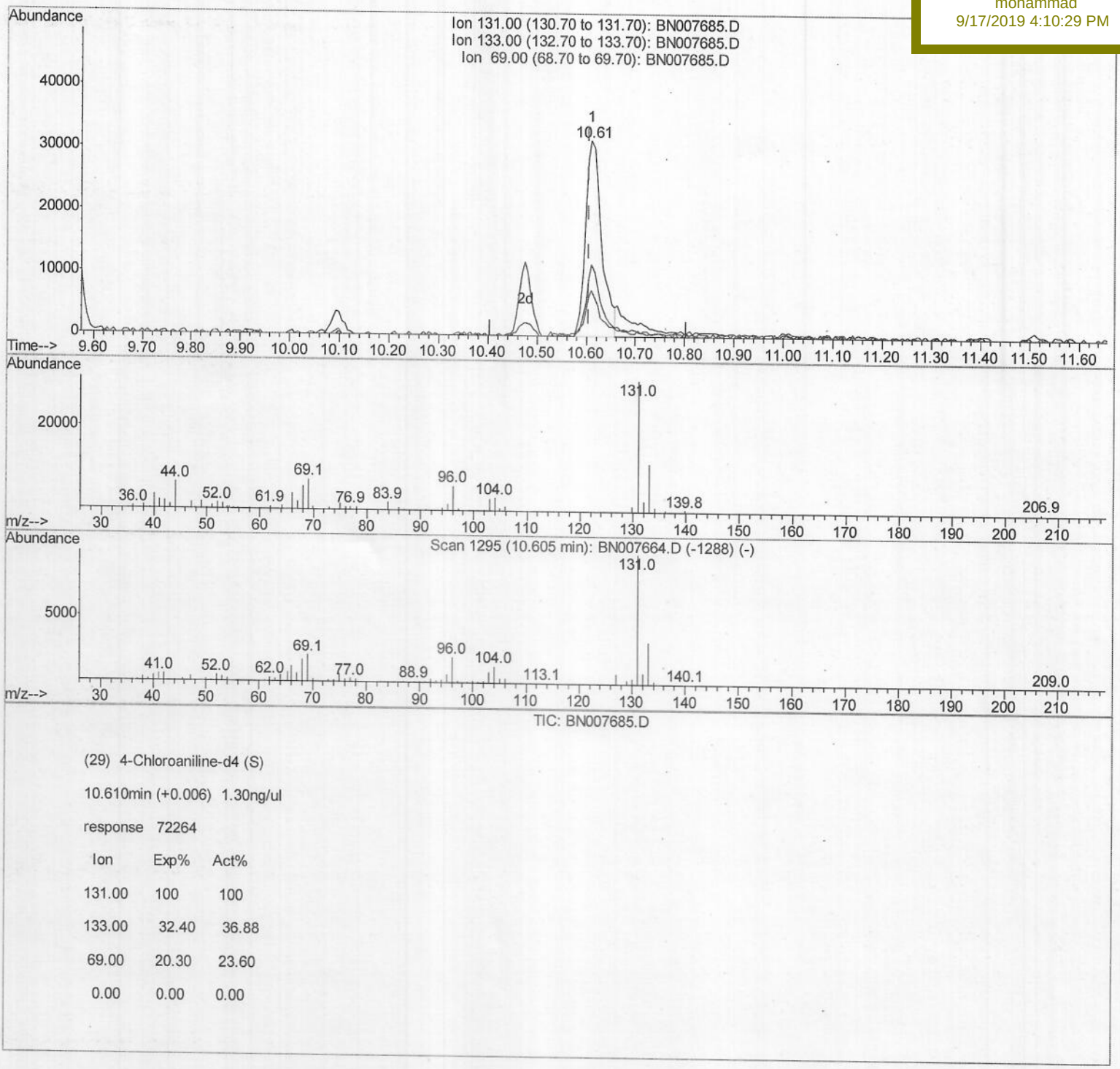
Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



TIC: BN007685.D

(29) 4-Chloroaniline-d4 (S)

10.610min (+0.006) 1.30ng/ul

response 72264

Ion	Exp%	Act%
131.00	100	100
133.00	32.40	36.88
69.00	20.30	23.60
0.00	0.00	0.00

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BNA_N
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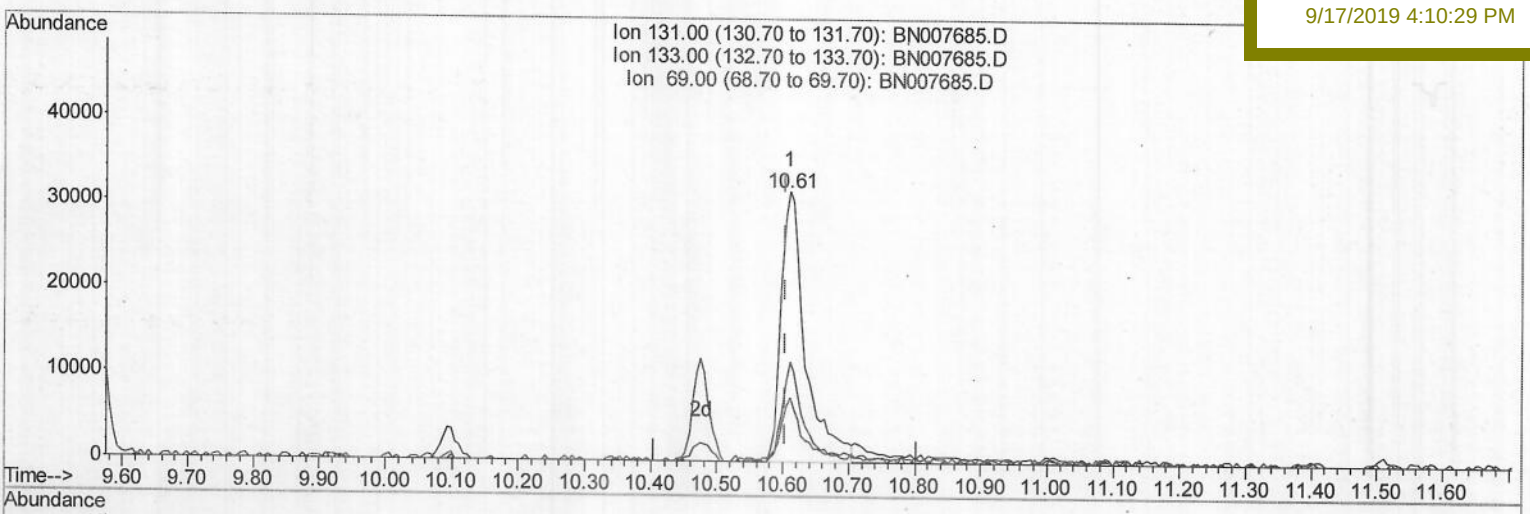
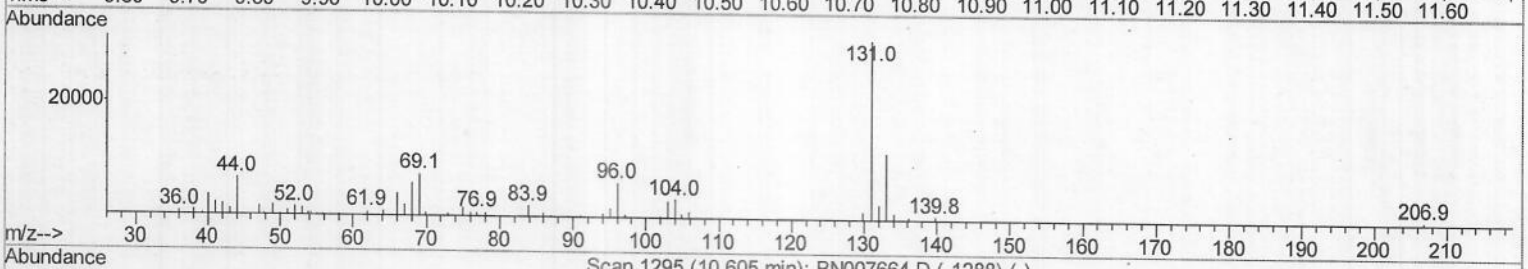
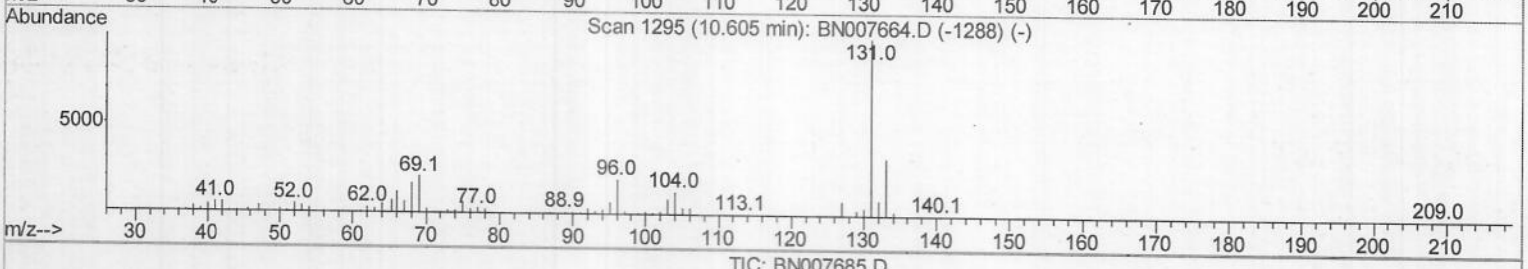
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM







TIC: BN007685.D

(29) 4-Chloroaniline-d4 (S)

10.610min (+0.006) 1.45ng/ul m & JU 09/18/19

response 80654

Ion	Exp%	Act%
131.00	100	100
133.00	32.40	36.88
69.00	20.30	23.60
0.00	0.00	0.00

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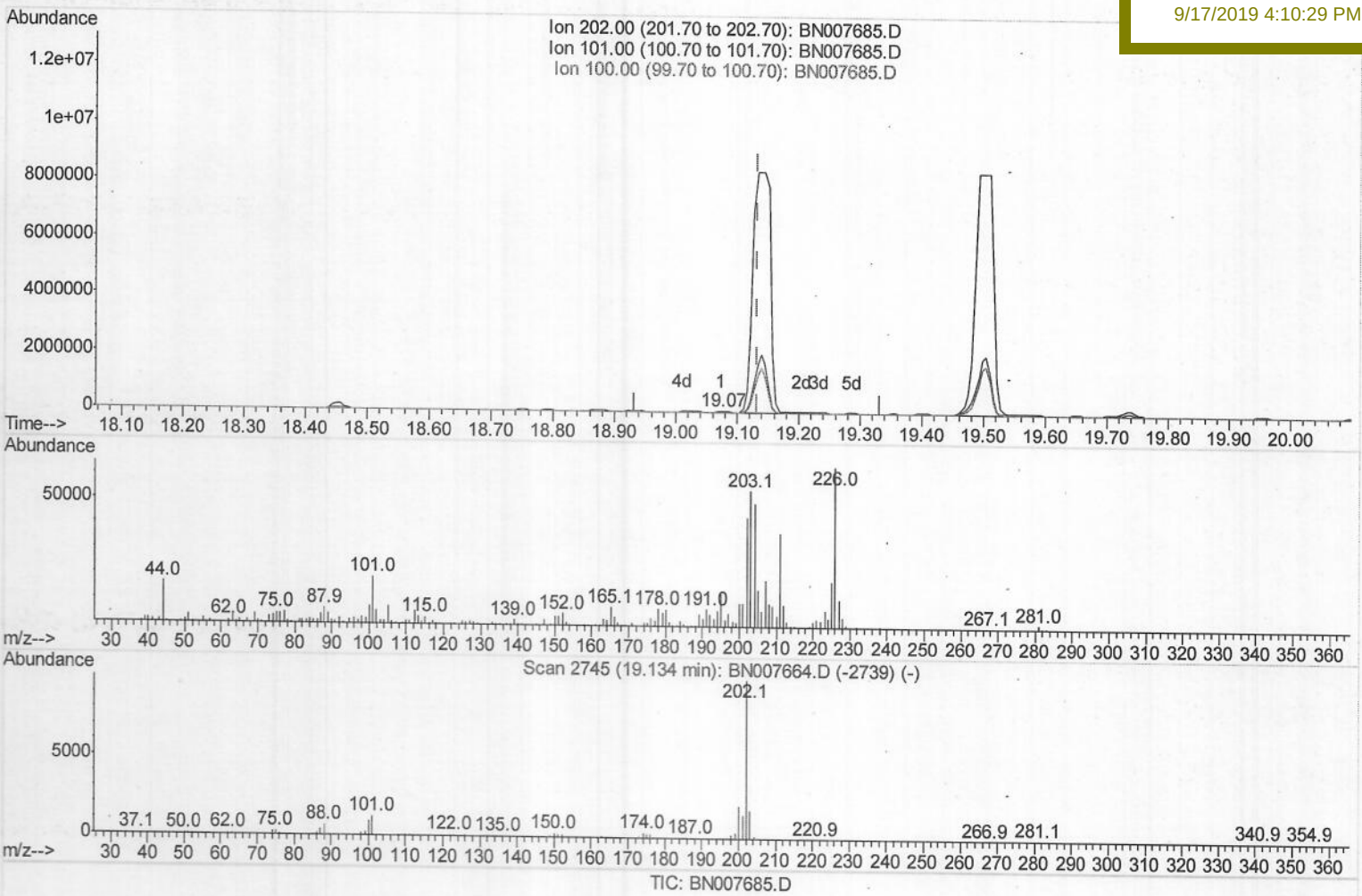
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



(76) Fluoranthene (C)

19.075min (-0.059) 0.20ng/ul

response 46636

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	42.99#
100.00	8.90	16.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 25 Sample Multiplier: 1

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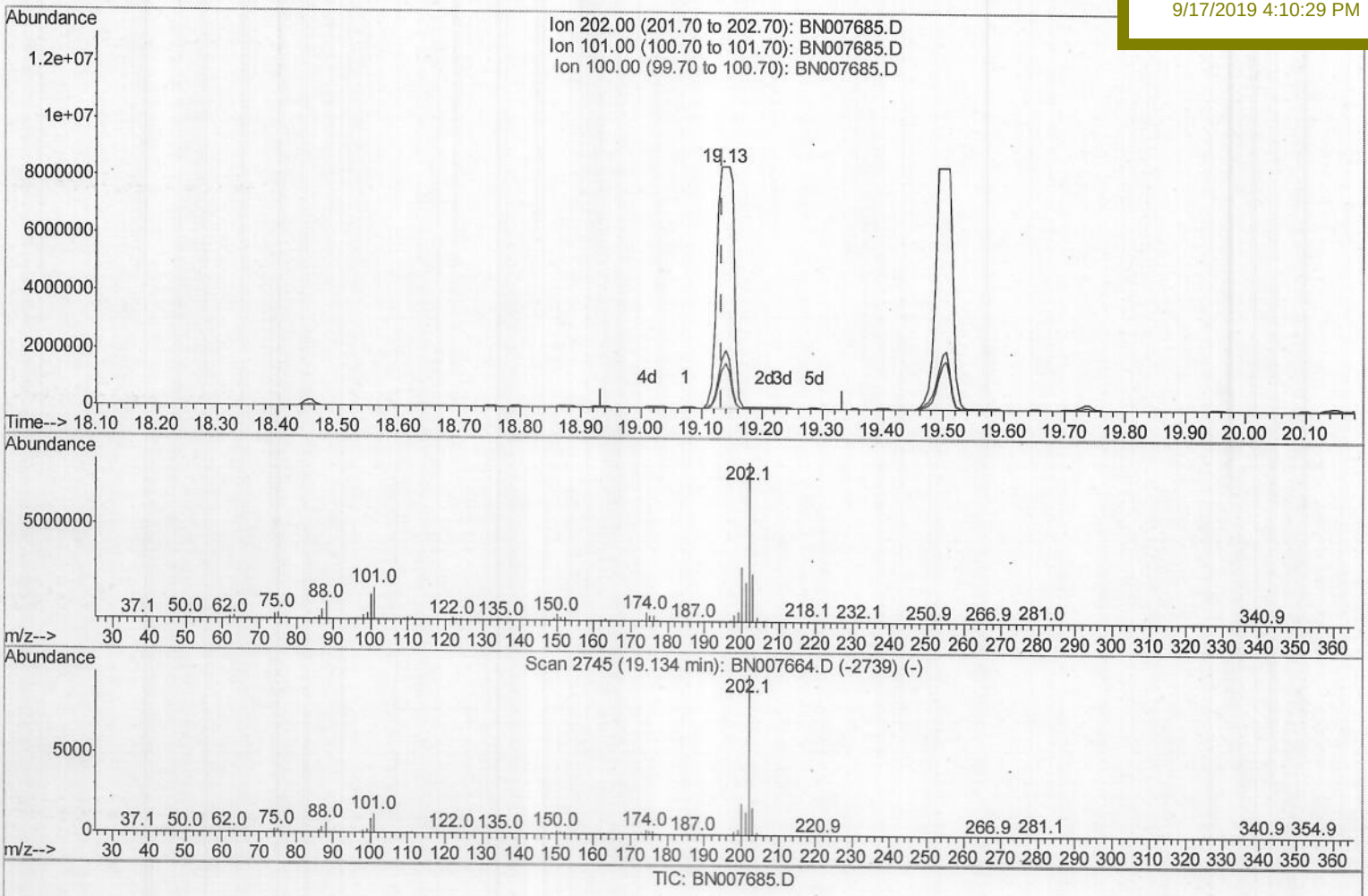
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



TIC: BN007685.D

(76) Fluoranthene (C)

19.134min (-0.000) 68.80ng/ul m JU 09/18/19

response 16354224

Ion	Exp%	Act%
202.00	100	100
101.00	11.80	19.98#
100.00	8.90	15.50#
0.00	0.00	0.00

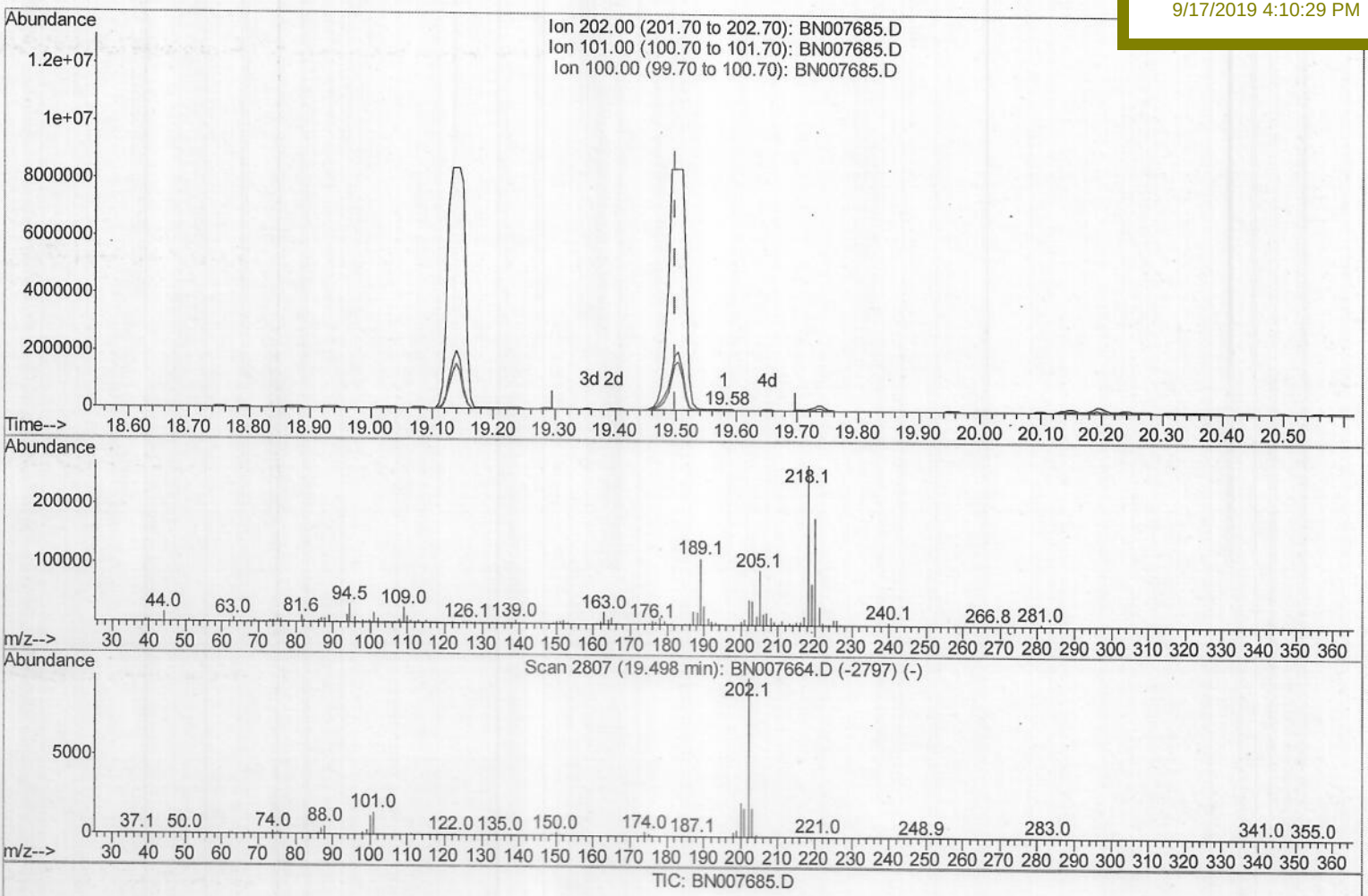
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007685.D
Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 17 05:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



TIC: BN007685.D

(79) Pyrene

19.581min (+0.082) 0.33ng/ul

response 75238

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	41.43#
100.00	11.70	9.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 17 Sep 2019 03:38
Operator : HP/JU
Sample : K4634-09MEDL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 17 05:21:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
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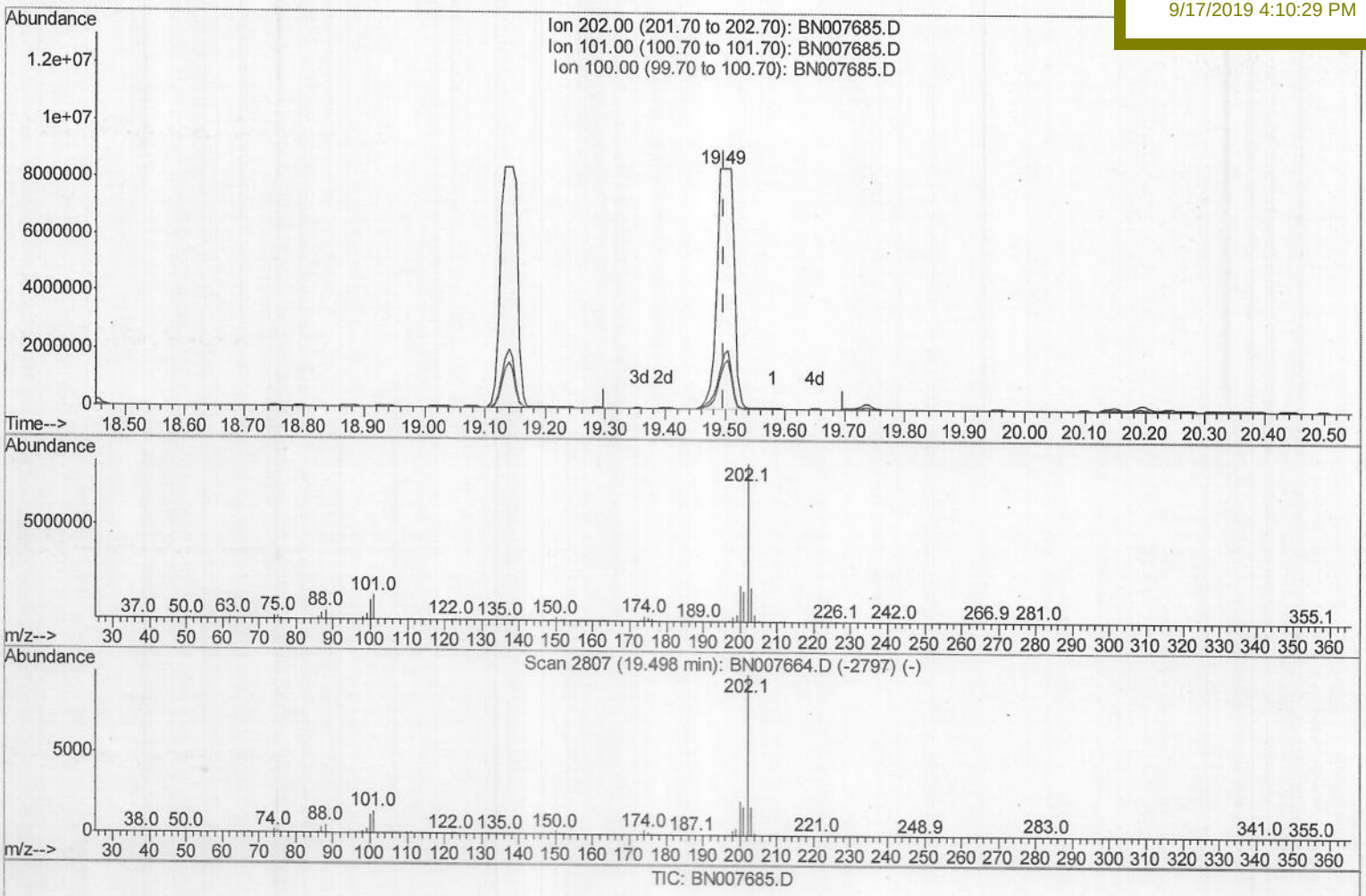
BNA_N
ClientSampleId :
F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM



TIC: BN007685.D

(79) Pyrene

19.492min (-0.006) 72.89ng/ul m > JU 09/28/19

response 16639902

Ion	Exp%	Act%
202.00	100	100
101.00	14.00	15.69
100.00	11.70	12.69
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 25 Sample Multiplier: 1

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QLast Update : Mon Sep 16 18:09:41 2019
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Instrument : BNA_N
ClientSampleId : F2D27MEDL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	614345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2631367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1721687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3654244	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3428422	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3896064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	9732	0.60	ng/uL	0.00
5) Phenol-d5	6.88	99	225125	3.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	121343	3.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	167381	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	171942	3.86	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	76015	3.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	70673	3.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	169952	3.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	80654m	1.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	541925	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	617587	3.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	58477	2.40	ng/ul	0.00
57) Fluorene-d10	15.32	176	489479	4.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	18201	0.92	ng/ul	0.00
70) Anthracene-d10	17.17	188	749602	4.12	ng/ul	0.00
78) Pyrene-d10	19.47	212	867742	4.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	861792	4.25	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.52	105	94187	1.305	ng/ul	95
44) Dimethylphthalate	13.79	163	150233	1.076	ng/ul	99
49) Acenaphthene	14.39	153	562987	4.842	ng/ul	99
53) Dibenzofuran	14.73	168	298339	1.769	ng/ul	100
58) Fluorene	15.37	166	314576	2.318	ng/ul	98
69) Phenanthrene	17.12	178	10579910	48.822	ng/ul	98
71) Anthracene	17.20	178	2022266	9.323	ng/ul	99
74) Carbazole	17.47	167	1756661	9.575	ng/ul	99
76) Fluoranthene	19.13	202	16354224m	68.797	ng/ul	
79) Pyrene	19.49	202	16639902m	72.889	ng/ul	
82) Benzo(a)anthracene	21.25	228	13150495	53.830	ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.20	149	217590	1.628	ng/ul	97
84) Chrysene	21.30	228	14317785	62.993	ng/ul#	86
87) Benzo(b)fluoranthene	22.84	252	20272022	80.458	ng/ul	93
88) Benzo(k)fluoranthene	22.87	252	6895895	28.164	ng/ul	97
90) Benzo(a)pyrene	23.40	252	15170242	62.277	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.72	276	10764361	37.612	ng/ul	96
92) Dibenzo(a,h)anthracene	25.72	278	2988095	12.518	ng/ul#	92
93) Benzo(g,h,i)perylene	26.40	276	10975190	46.779	ng/ul	99

JU 09/18/19

JU 09/18/19

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