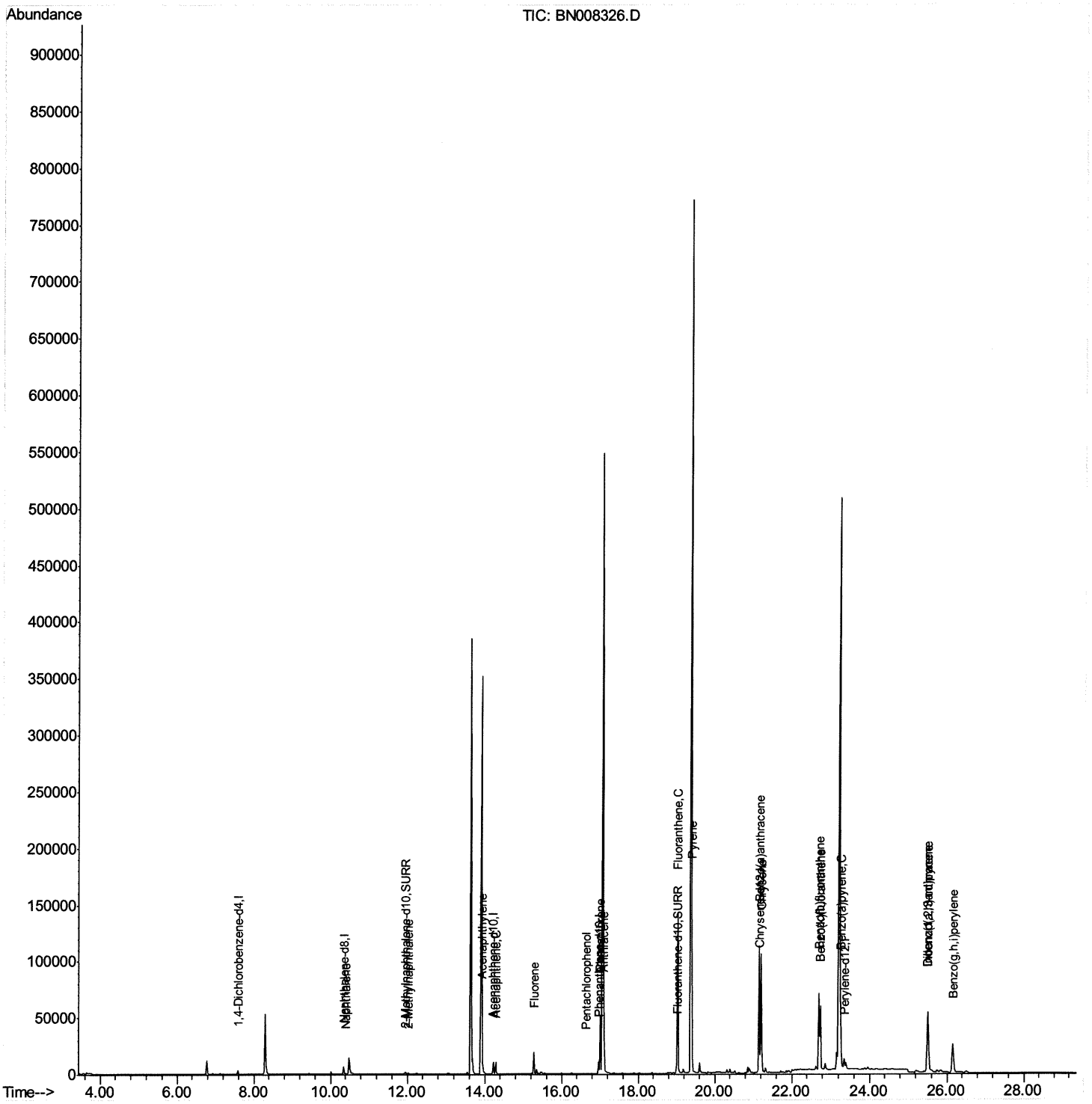
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008326.D
Acq On : 22 Oct 2019 21:58
Operator : JU
Sample : K5223-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 23 02:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD8

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008326.D
Acq On : 22 Oct 2019 21:58
Operator : JU
Sample : K5223-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 23 01:05:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
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Instrument :
BNA_N
ClientSampleId :
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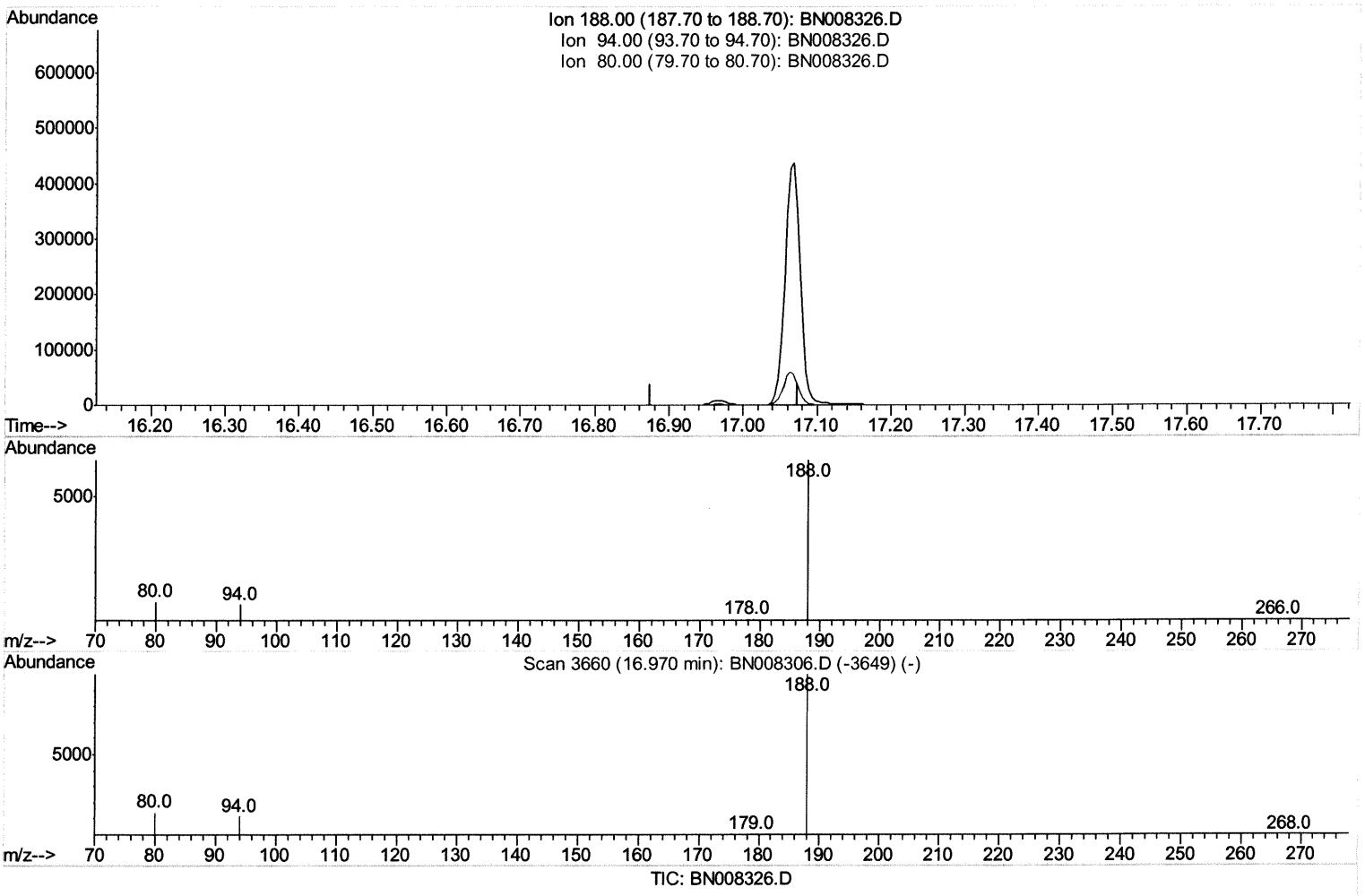
Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM



(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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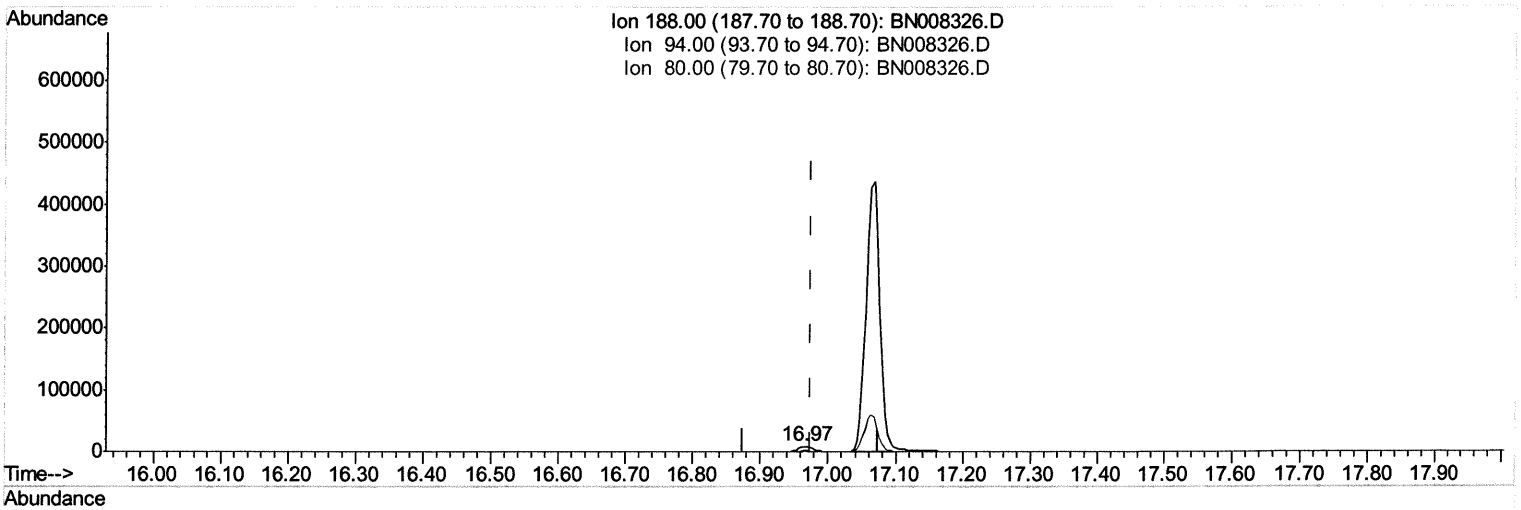
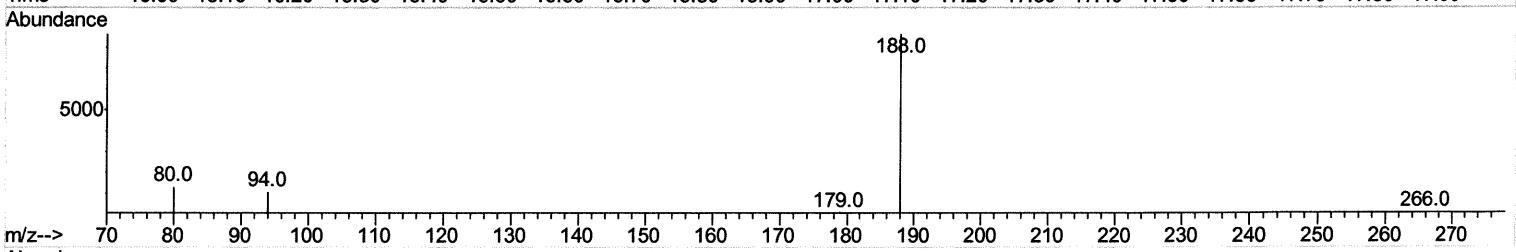
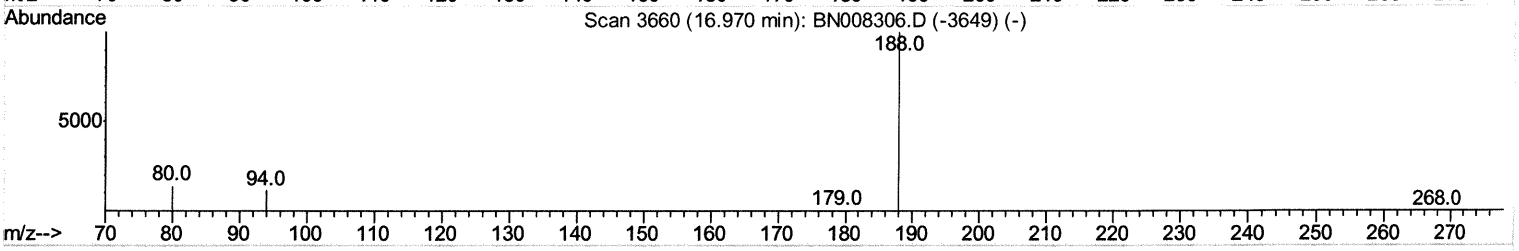
BEPD8

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM







TIC: BN008326.D

(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m PH 10.23.19

response 12371

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.56
80.00	12.60	15.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM

Quant Time: Oct 23 02:16:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1781	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8811	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5577	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12371m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11959	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10819	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2681	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9022	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	891	0.036	ng/ul#	79
5) 2-Methylnaphthalene	12.02	142	959	0.056	ng/ul	98
7) Acenaphthylene	13.94	152	6033	0.227	ng/ul	99
8) Acenaphthene	14.28	153	6054	0.293	ng/ul	99
9) Fluorene	15.27	166	11978	0.511	ng/ul	99
11) Pentachlorophenol	16.64	266	169	0.056	ng/ul	90
12) Phenanthrene	17.01	178	55638	1.536	ng/ul	99
13) Anthracene	17.10	178	37268	1.169	ng/ul	99
15) Fluoranthene	19.03	202	119224	2.492	ng/ul	97
17) Pyrene	19.40	202	111809	2.348	ng/ul	100
18) Benzo(a)anthracene	21.16	228	94342	2.170	ng/ul	99
19) Chrysene	21.21	228	92611	1.736	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	89813	2.550	ng/ul	91
22) Benzo(k)fluoranthene	22.74	252	69967	1.754	ng/ul#	92
23) Benzo(a)pyrene	23.25	252	74082	1.999	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.50	276	65817	1.508	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.51	278	46263	1.341	ng/ul	95
26) Benzo(g,h,i)perylene	26.15	276	53262	1.331	ng/ul	98

JU 10-23-19

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