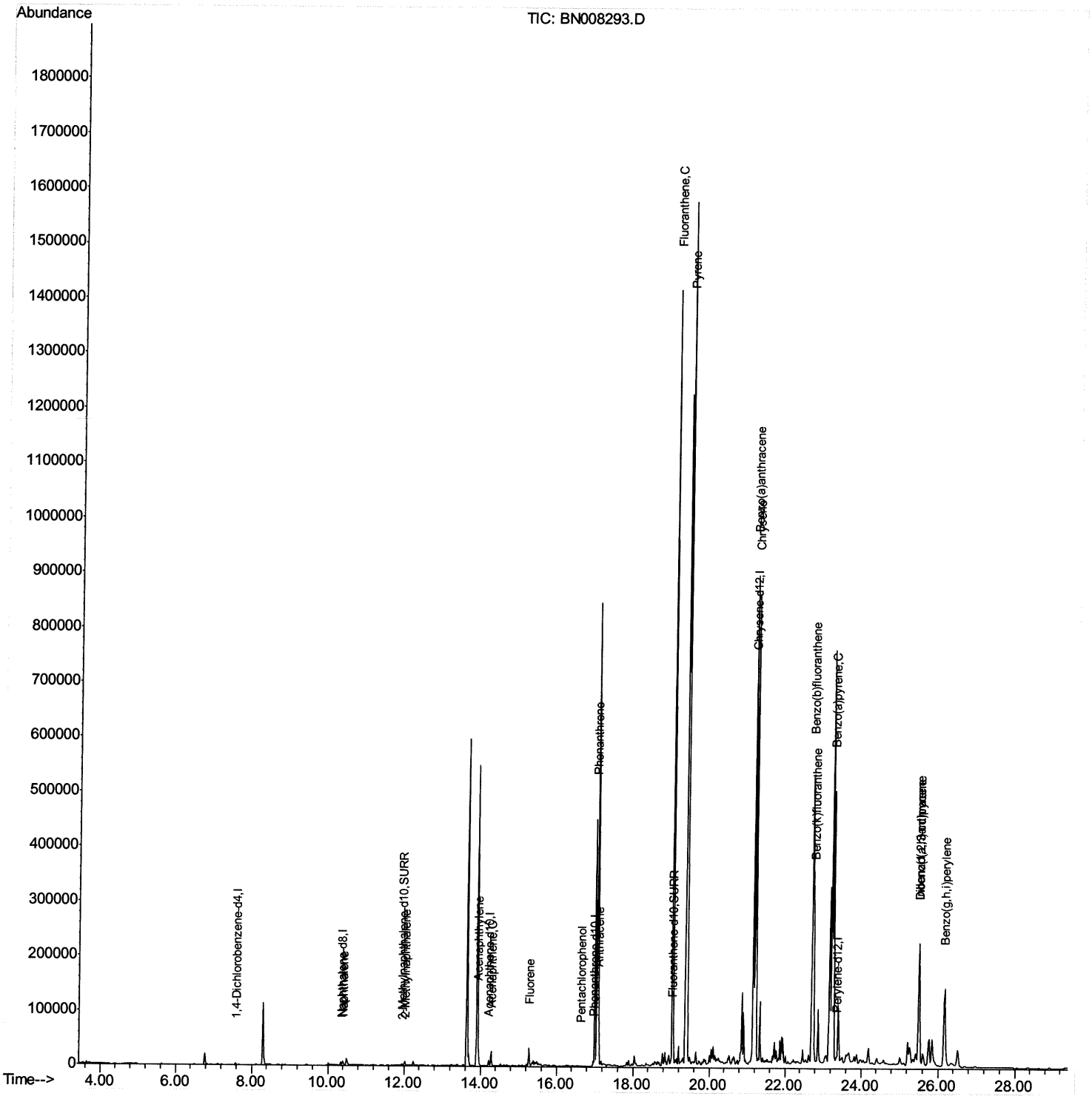
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008293.D
Acq On : 21 Oct 2019 21:14
Operator : JU
Sample : K5199-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 22 00:37:50 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 :
BEPG8

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:51 PM



Quantitation Report (Qedit)

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Data File : BN008293.D
Acq On : 21 Oct 2019 21:14
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Quant Time: Oct 22 00:01:36 2019
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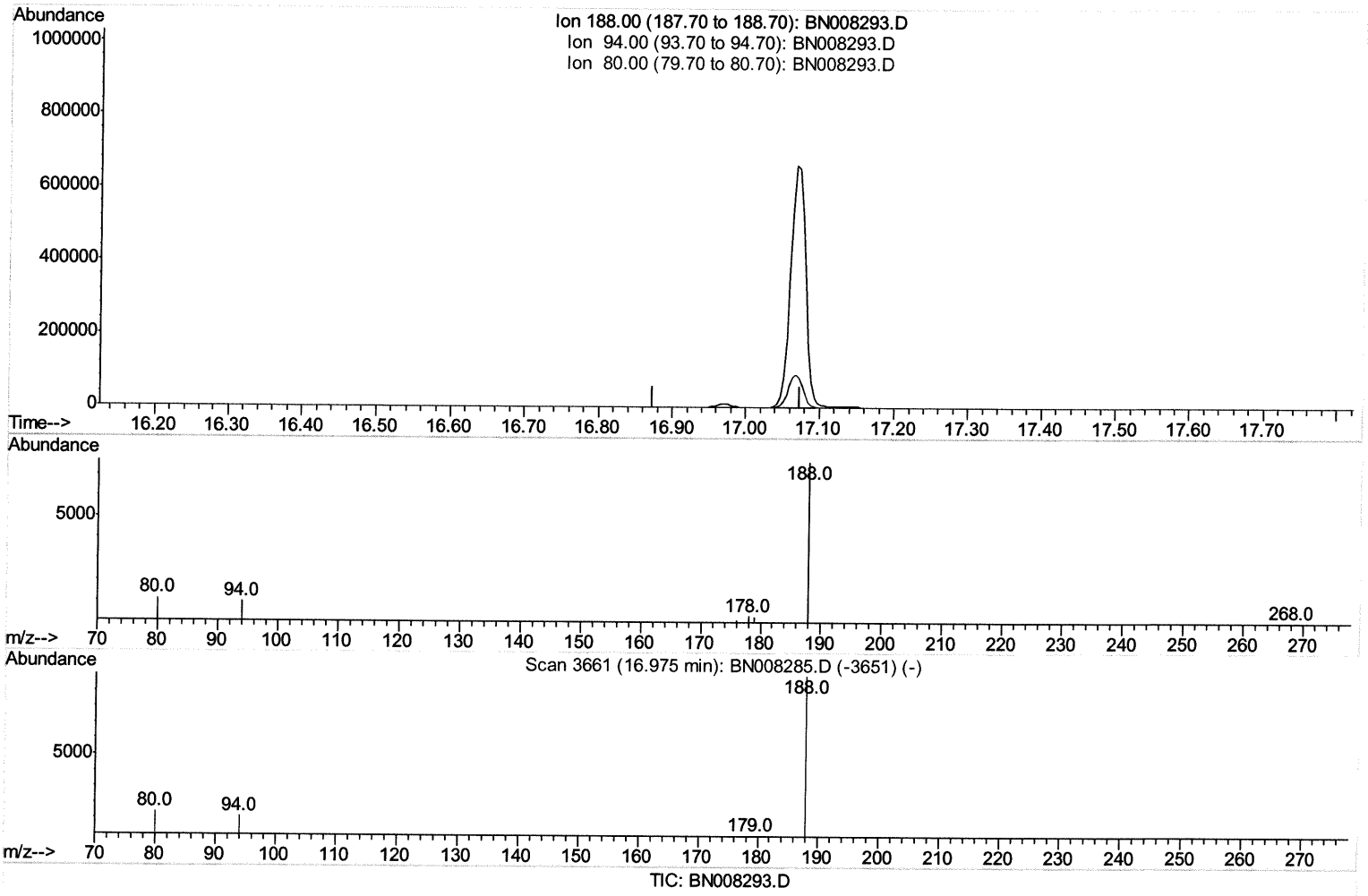

TIC: BN008293.D

(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

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mohammad
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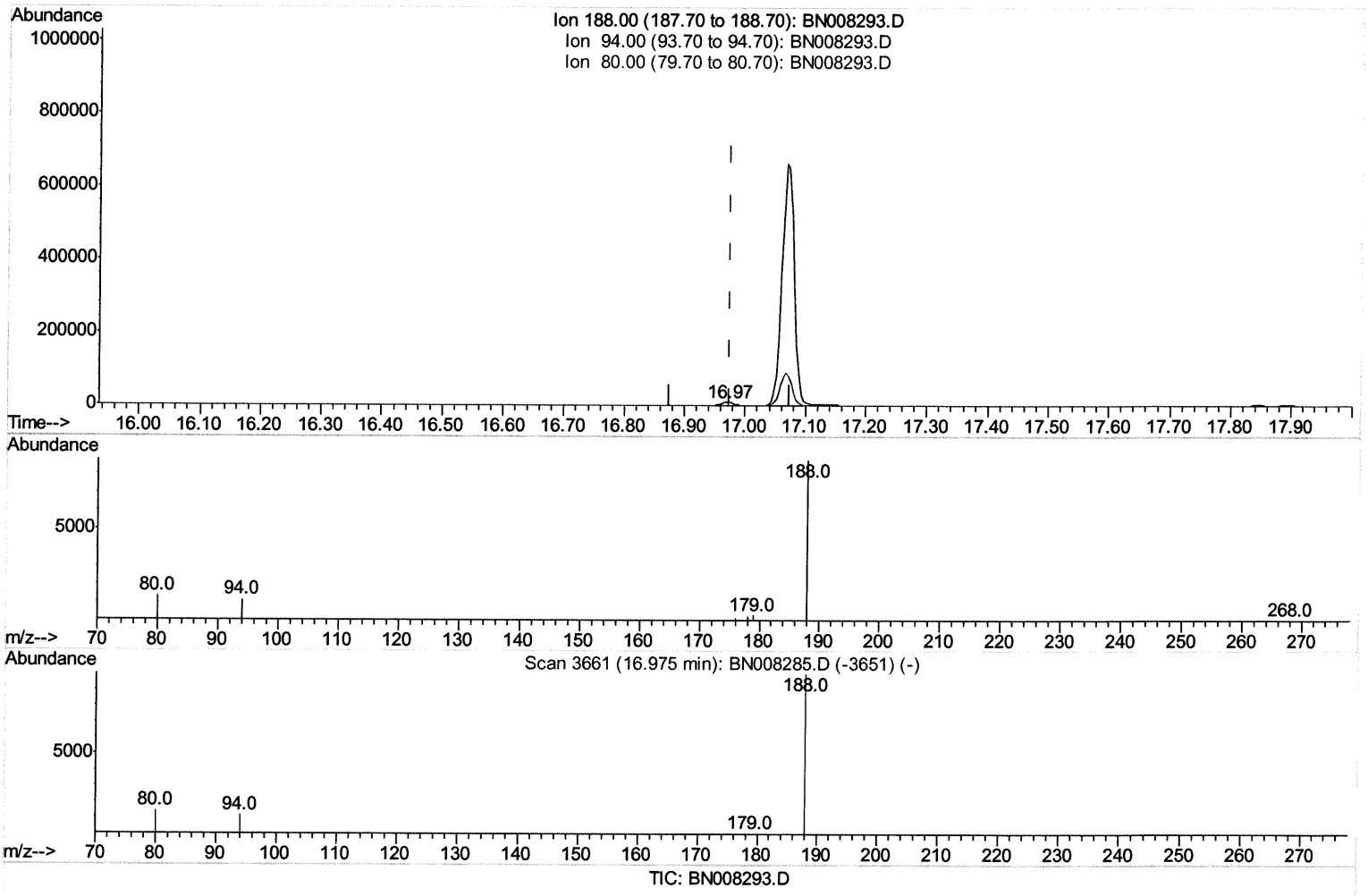

TIC: BN008293.D

(10) Phenanthrene-d10 (I)

16.971min (-0.004) 0.40ng/ul m JH 10.23.19

response 12105

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.17#
80.00	12.60	15.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008293.D
Acq On : 21 Oct 2019 21:14
Operator : JU
Sample : K5199-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 22 00:33:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
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ClientSampleId :
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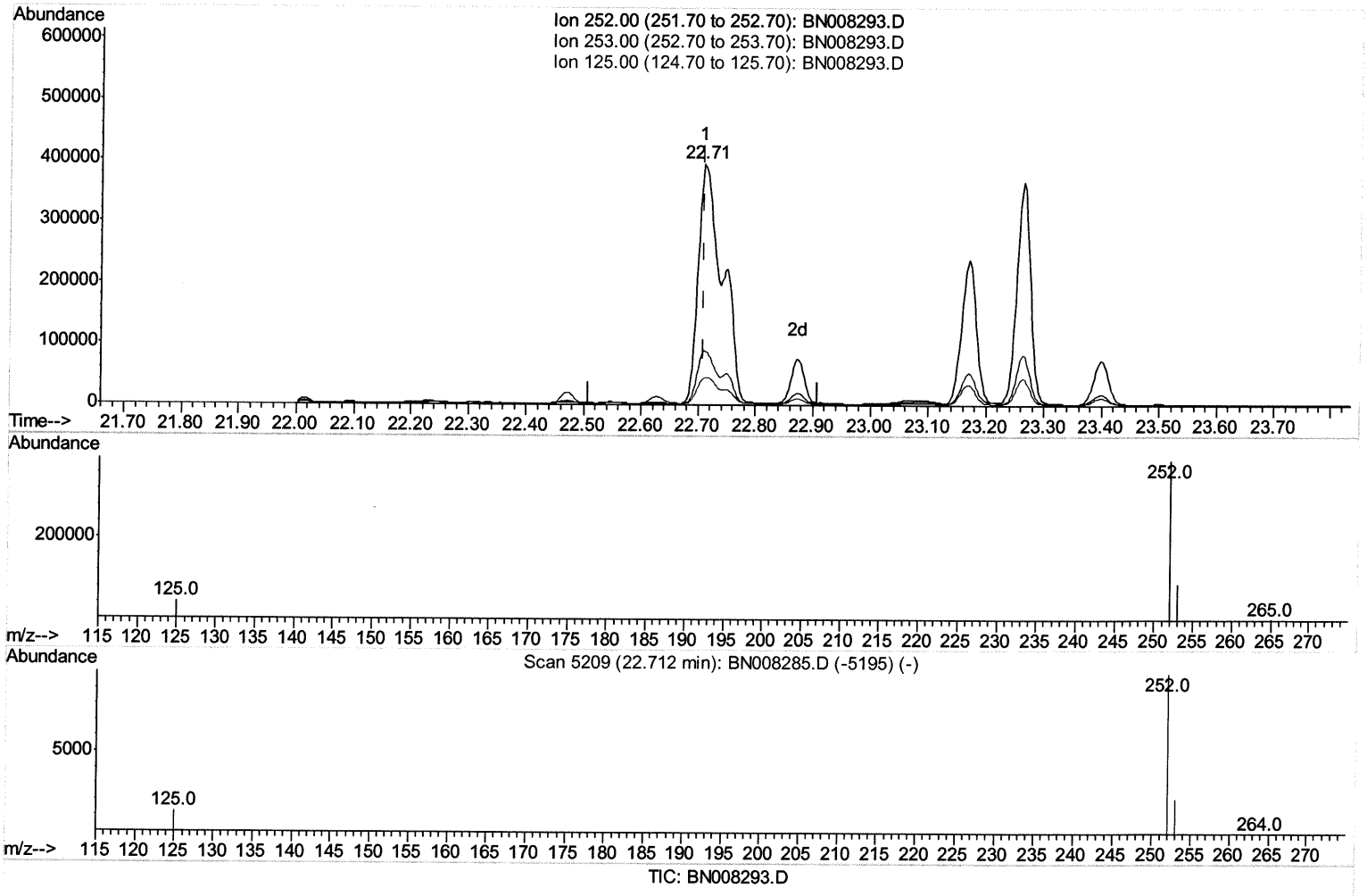
Manual Integrations APPROVED
mohammad
10/22/2019 3:27:51 PM



TIC: BN008293.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 35.31ng/ul

response 1146189

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.73
125.00	16.20	11.01
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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ClientSampleId :
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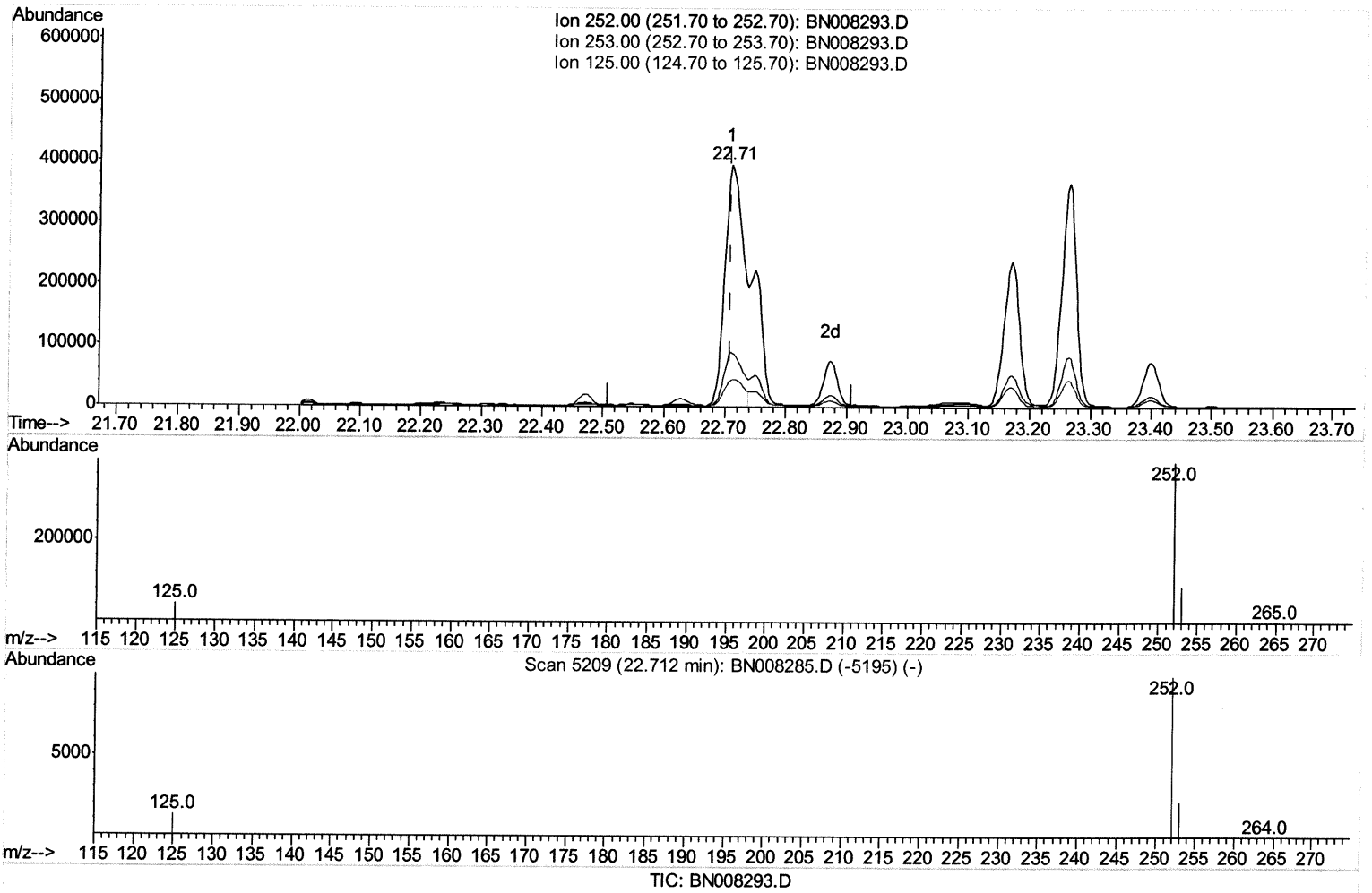
Manual Integrations APPROVED
mohammad
10/22/2019 3:27:51 PM



TIC: BN008293.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 25.82ng/ul m JH 10.23.19

response 838147

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.73
125.00	16.20	11.01
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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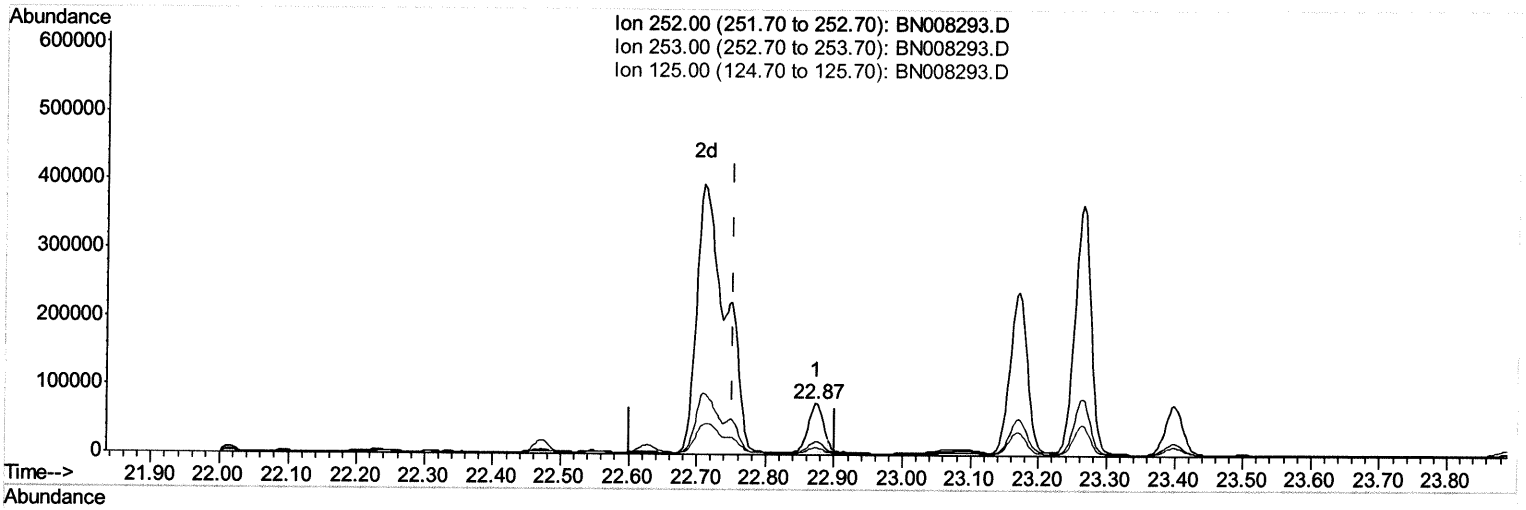
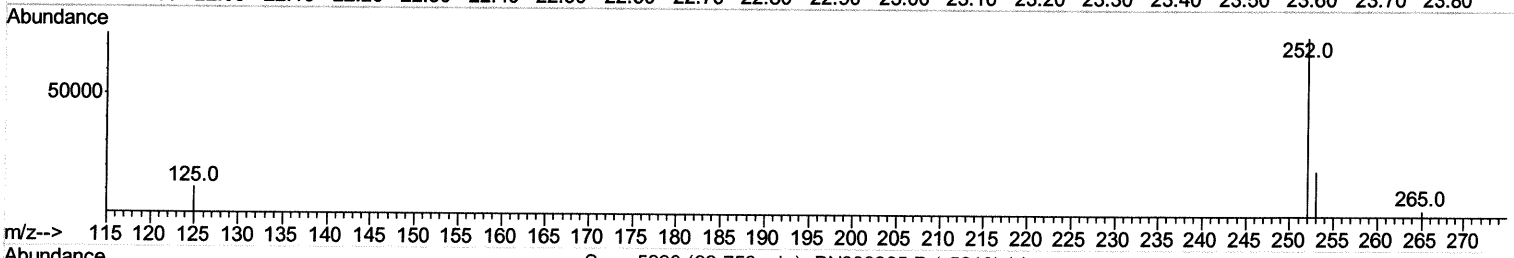
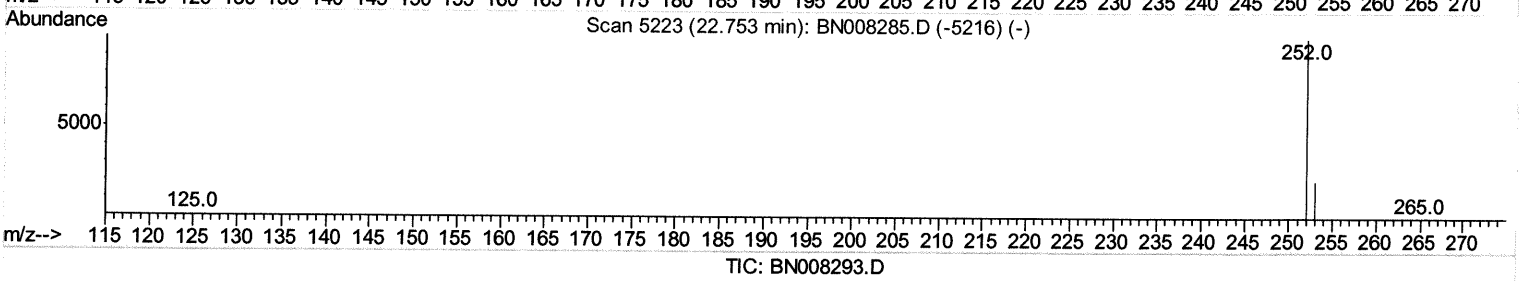
Manual Integrations APPROVED
mohammad
10/22/2019 3:27:51 PM







TIC: BN008293.D

(22) Benzo(k)fluoranthene

22.872min (+0.120) 2.92ng/ul

response 107557

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.94
125.00	15.40	14.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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Acq On : 21 Oct 2019 21:14
Operator : JU
Sample : K5199-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 22 00:33:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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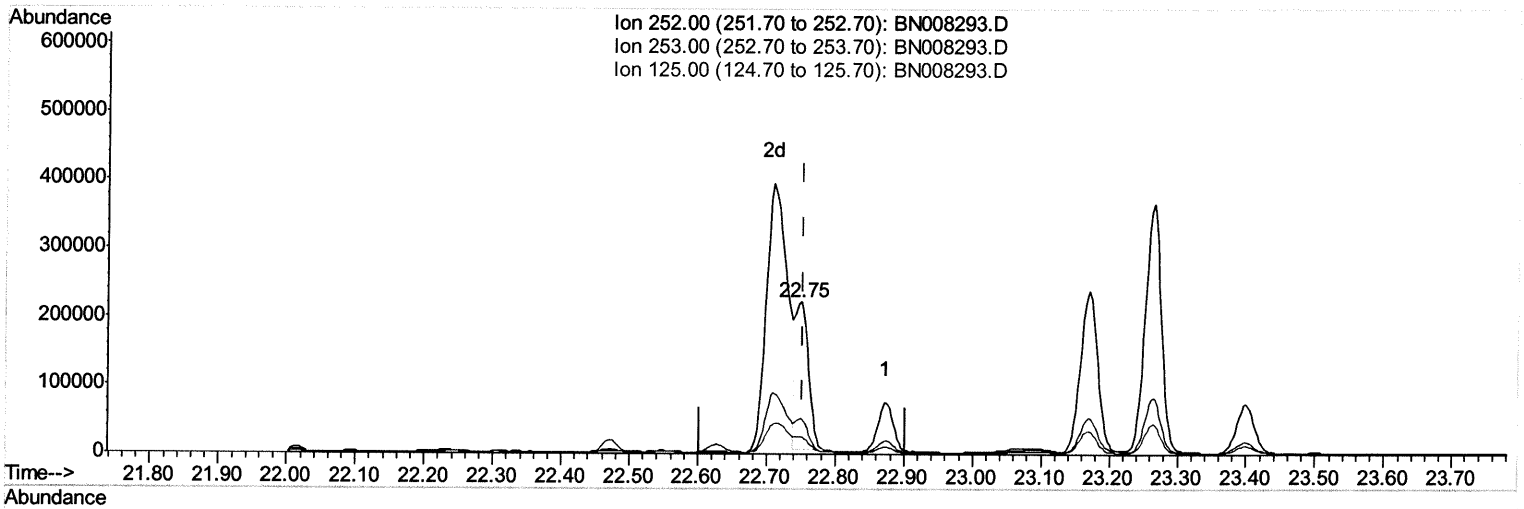

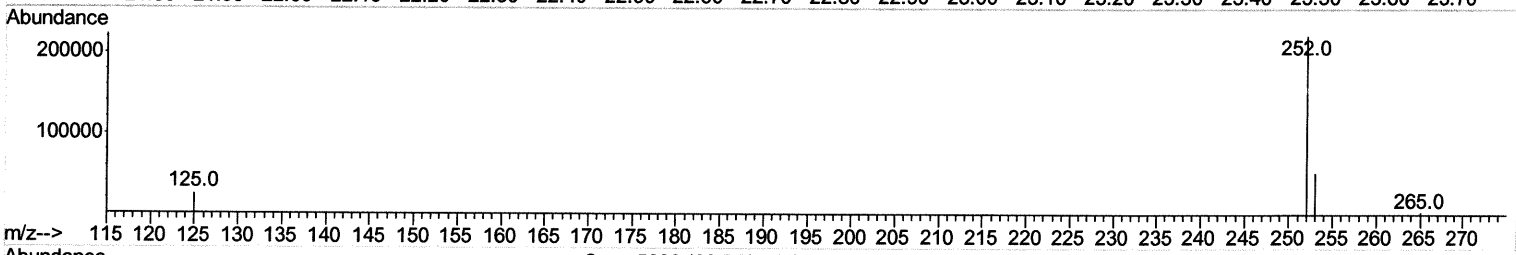

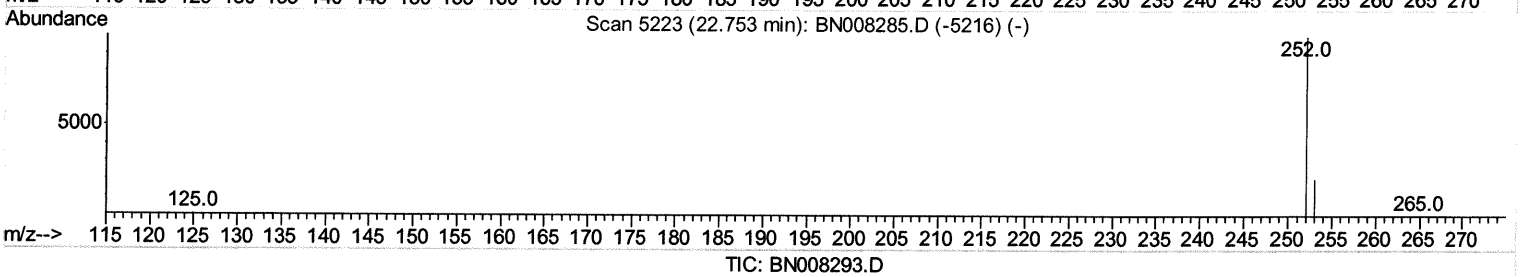

TIC: BN008293.D

(22) Benzo(k)fluoranthene

22.750min (-0.003) 7.86ng/ul m

response 288856

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.13
125.00	15.40	11.20#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1854	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8595	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5412	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12105m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11561	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4628	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	14690	0.35	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	11476	0.469	ng/ul	100
5) 2-Methylnaphthalene	12.02	142	5915	0.352	ng/ul	99
7) Acenaphthylene	13.94	152	30681	1.190	ng/ul	99
8) Acenaphthene	14.28	153	15596	0.778	ng/ul	98
9) Fluorene	15.28	166	20107	0.883	ng/ul	98
11) Pentachlorophenol	16.63	266	115	0.039	ng/ul	93
12) Phenanthrene	17.01	178	469212	13.239	ng/ul	99
13) Anthracene	17.10	178	93569	3.000	ng/ul	99
15) Fluoranthene	19.04	202	1231570	26.311	ng/ul	99
17) Pyrene	19.40	202	1258818	27.346	ng/ul	98
18) Benzo(a)anthracene	21.16	228	750157	17.847	ng/ul	97
19) Chrysene	21.22	228	804691	15.600	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	838147m	25.819	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	288856m	7.855	ng/ul	
23) Benzo(a)pyrene	23.26	252	605381	17.722	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	332004	8.252	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	91049	2.863	ng/ul	98
26) Benzo(g,h,i)perylene	26.17	276	285404	7.736	ng/ul	99

JU 10.23.19

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