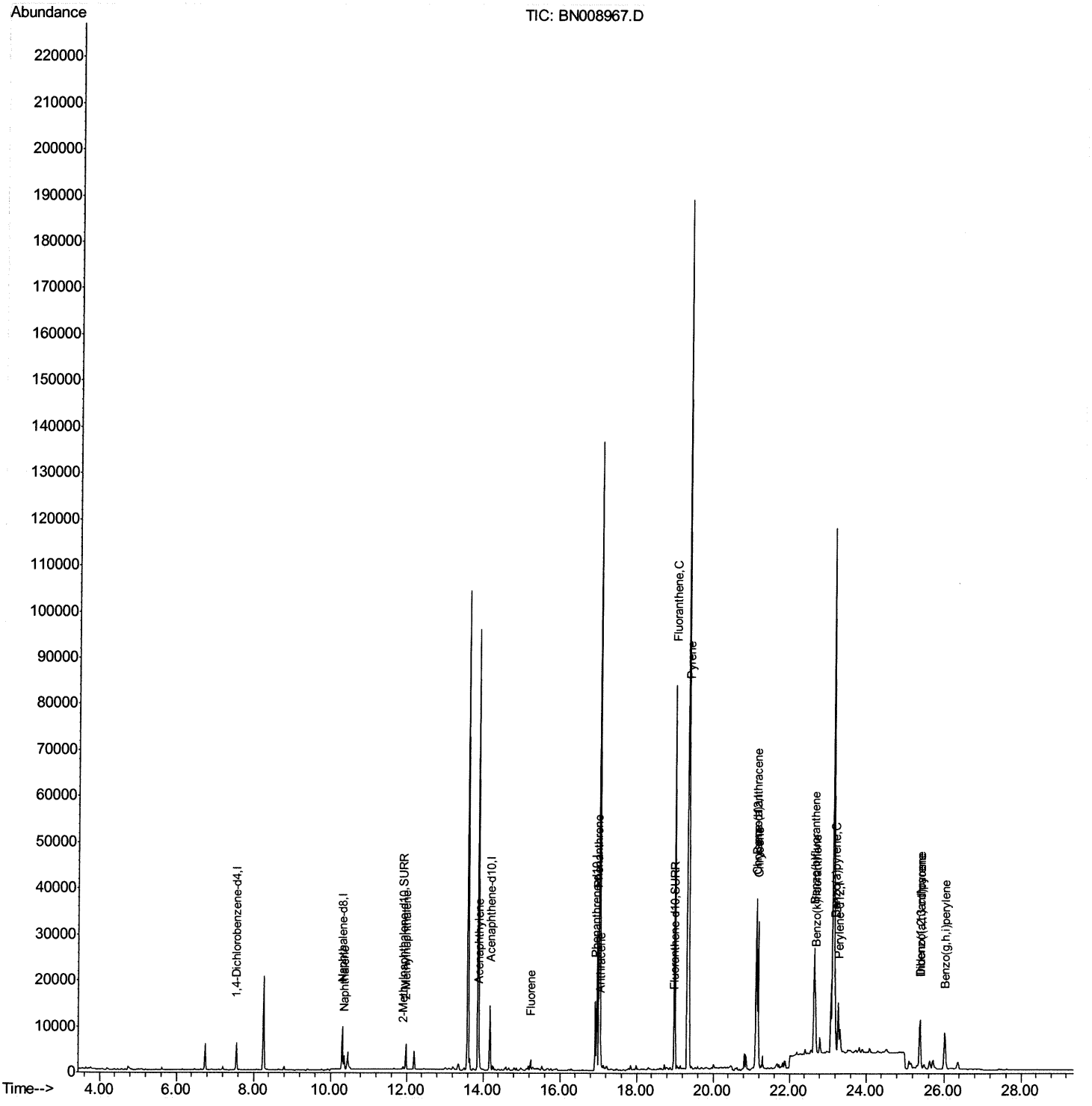
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121319\
Data File : BN008967.D
Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121319\
Data File : BN008967.D
Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
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Manual Integrations APPROVED
mohammad
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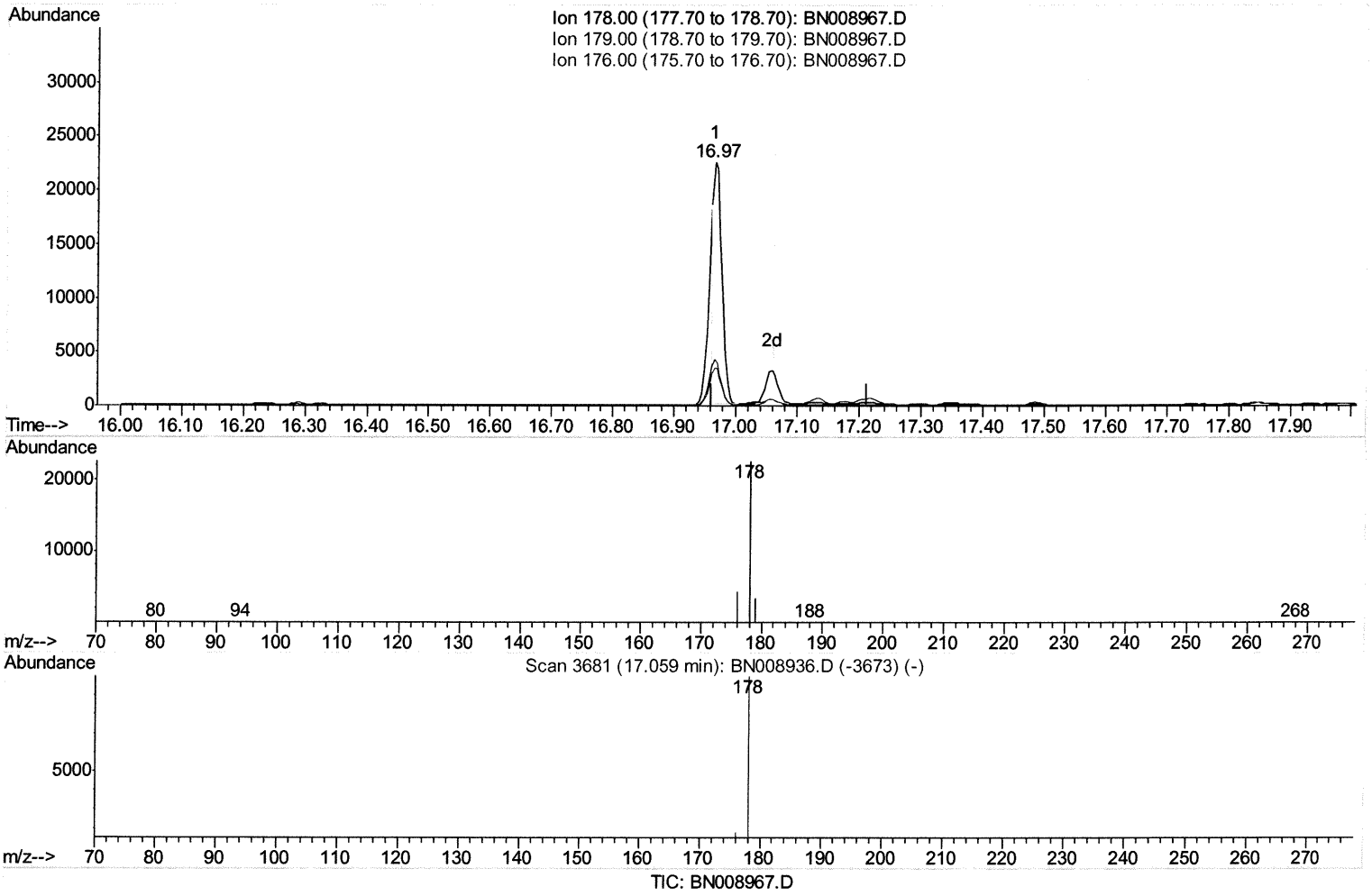

TIC: BN008967.D

(13) Anthracene

16.966min (-0.096) 0.37ng/ul

response 19503

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.39
176.00	18.40	19.14
0.00	0.00	0.00

Quantitation Report (Qedit)

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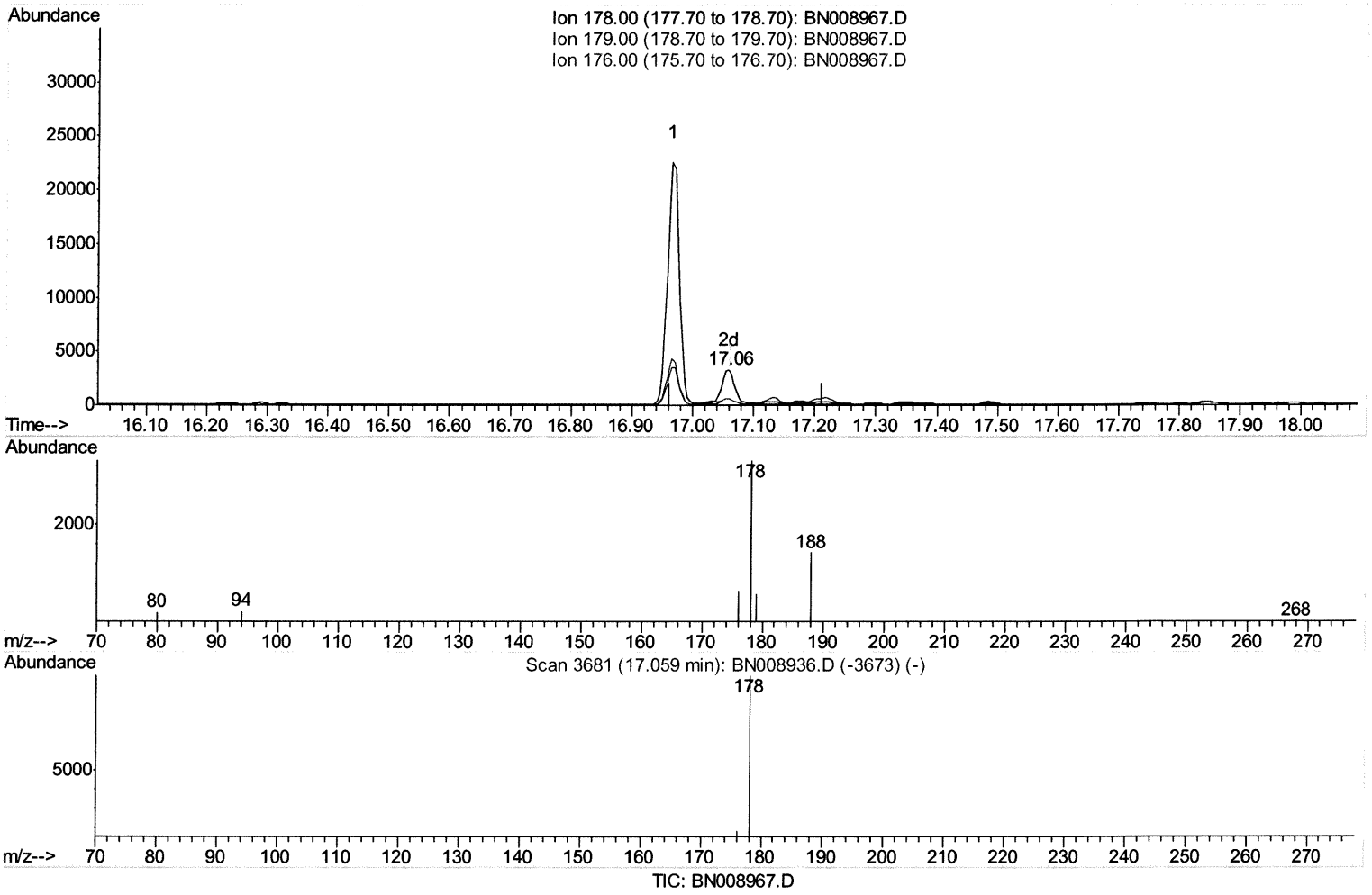
Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM



TIC: BN008967.D

(13) Anthracene

17.059min (-0.004) 0.09ng/ul m JU 12/16/19

response 4656

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.41#
176.00	18.40	20.04
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 15:18:46 2019
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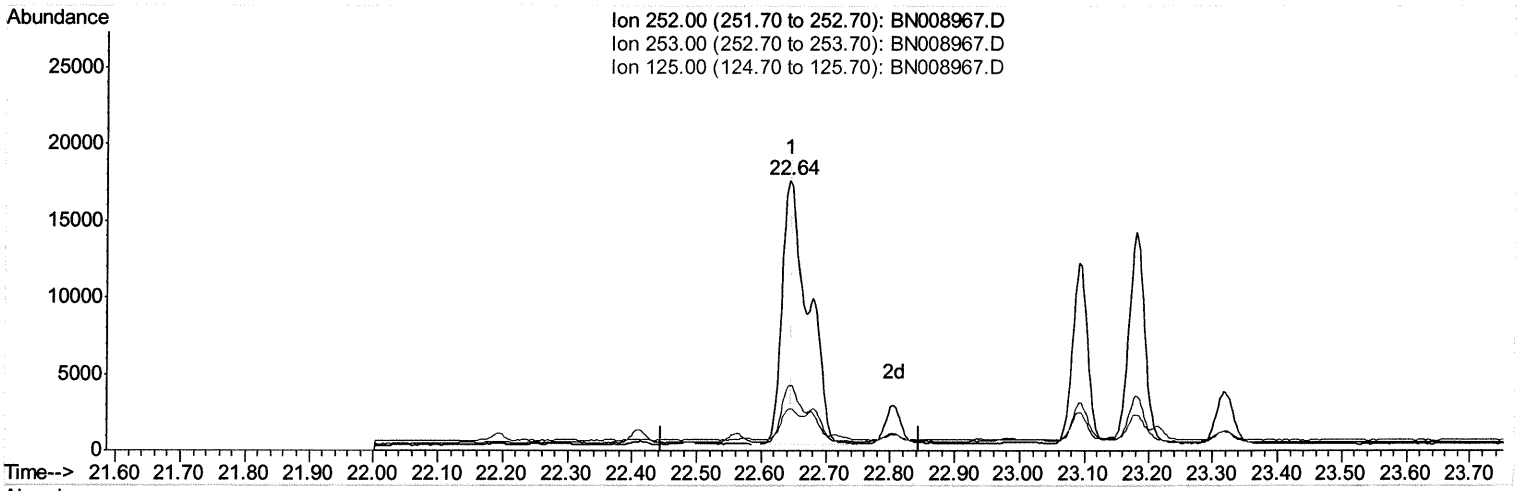
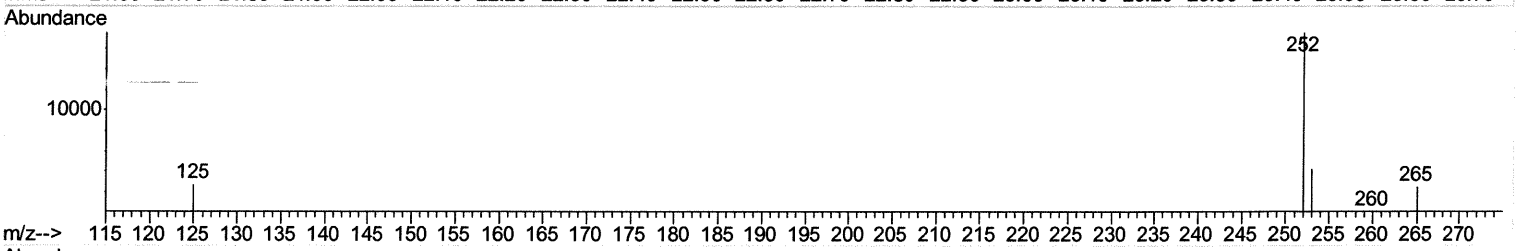
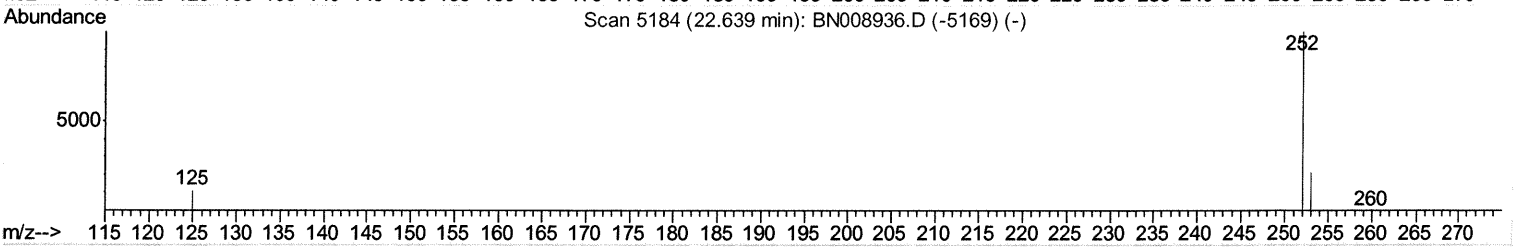
Instrument :
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM







TIC: BN008967.D

(21) Benzo(b)fluoranthene

22.644min (-0.002) 0.90ng/ul

response 49214

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.18
125.00	15.80	15.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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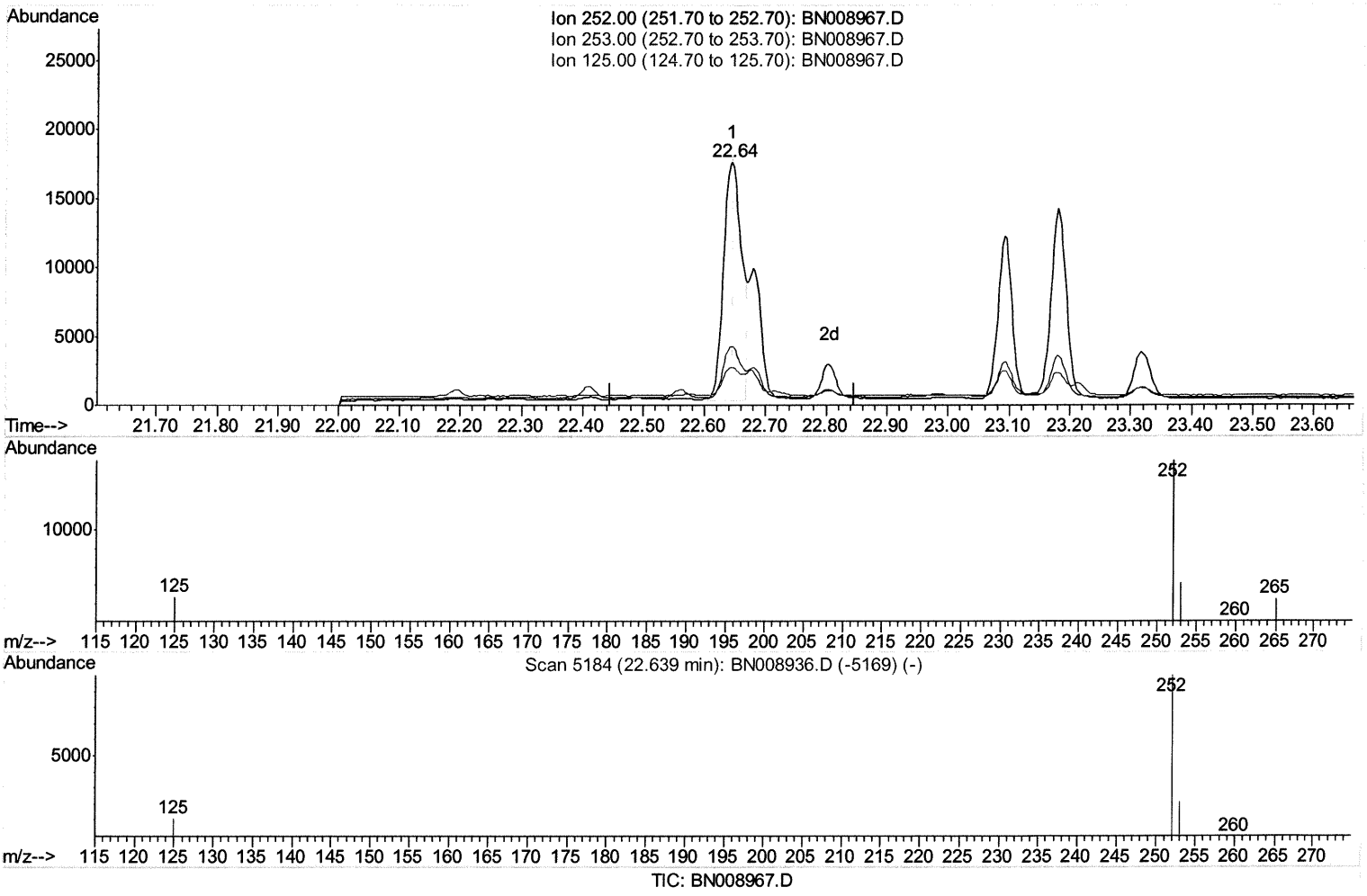
Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM



TIC: BN008967.D

(21) Benzo(b)fluoranthene

22.644min (-0.002) 0.64ng/ul m JU 12/16/19

response 35057

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	24.18
125.00	15.80	15.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN121319\
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Acq On : 13 Dec 2019 14:38
Operator : JU
Sample : K6089-11DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 13 15:18:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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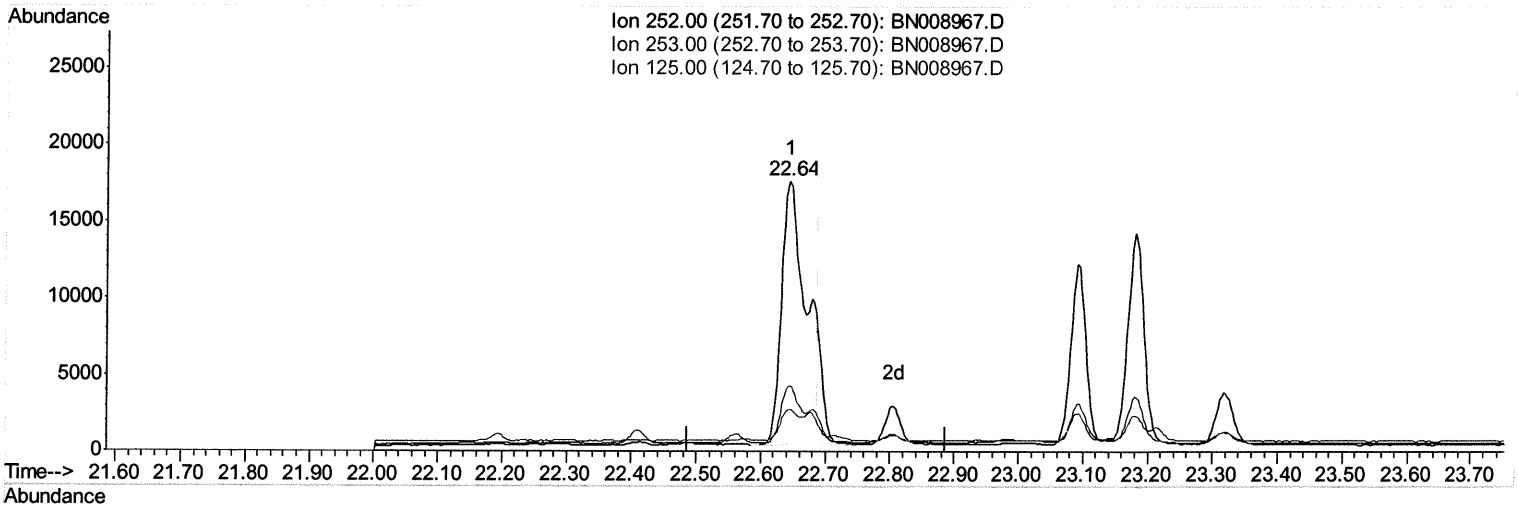
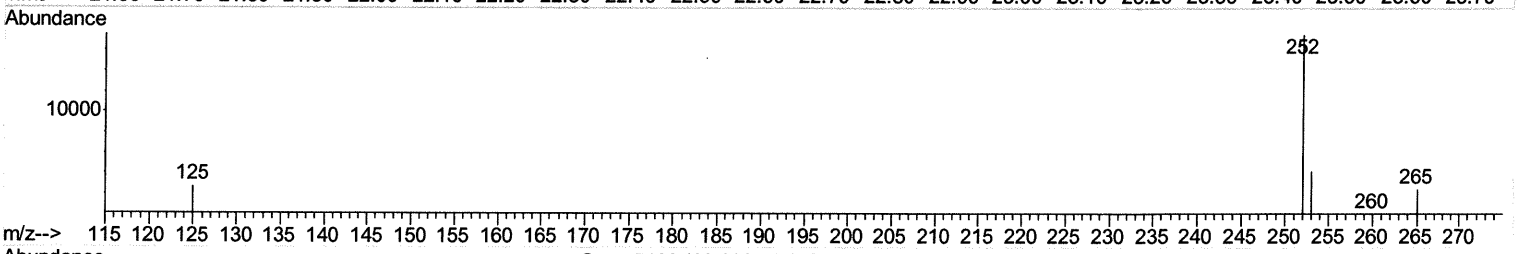
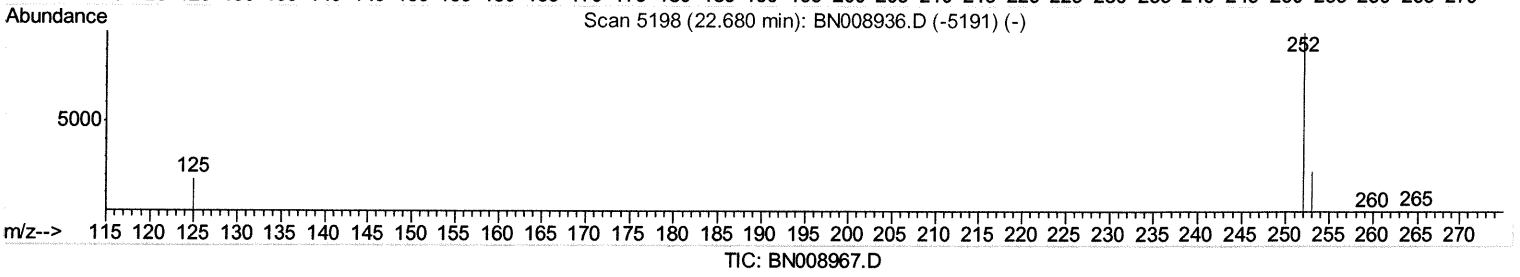
BNA_N
ClientSampleId :
C0BQ9DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM







TIC: BN008967.D

(22) Benzo(k)fluoranthene

22.644min (-0.043) 0.91ng/ul

response 49214

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.18
125.00	17.20	15.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
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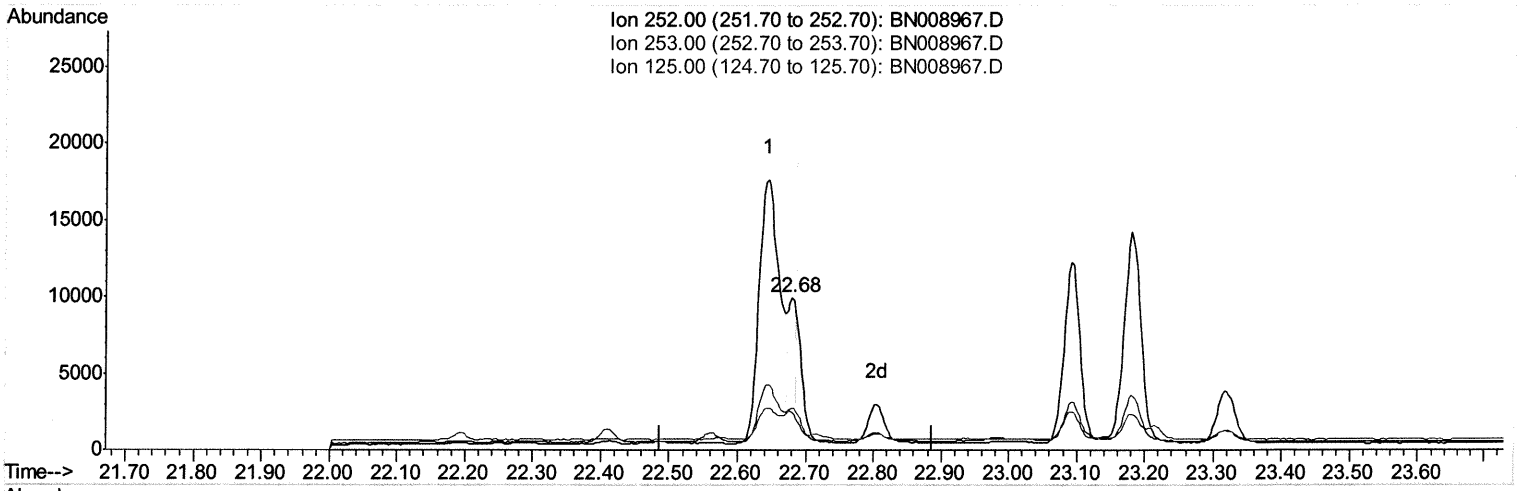
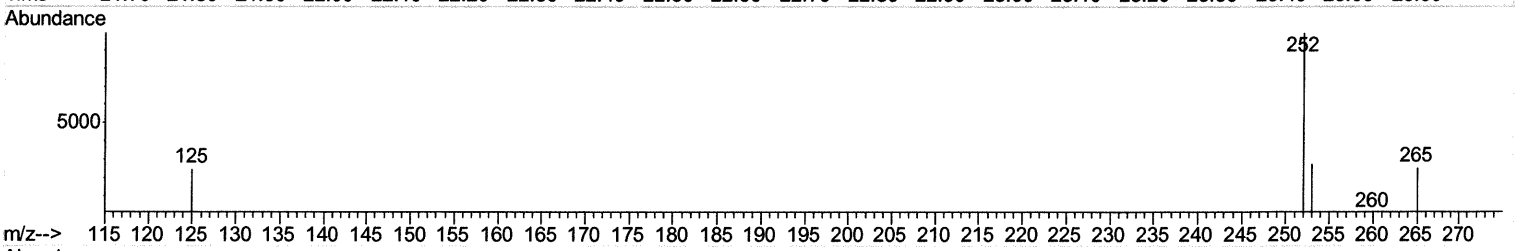
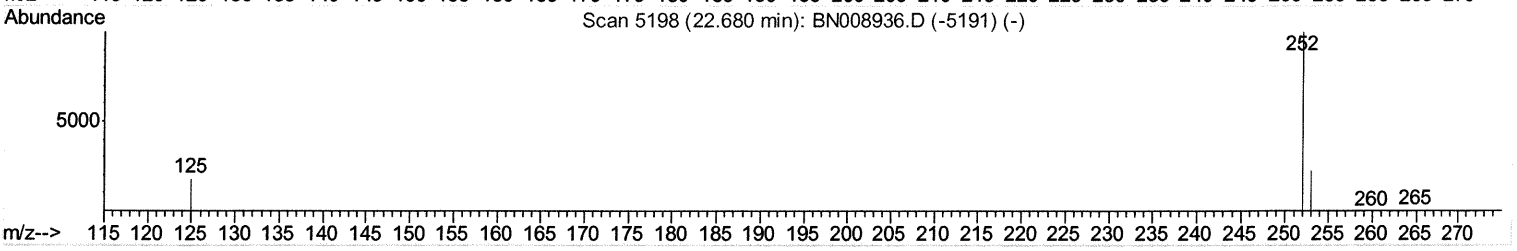
Manual Integrations APPROVED
mohammad
12/16/2019 12:23:23 PM







TIC: BN008967.D

(22) Benzo(k)fluoranthene

22.679min (-0.008) 0.24ng/ul m JU 12/16/19

response 12822

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	27.62
125.00	17.20	24.95#
0.00	0.00	0.00

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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12/16/2019 12:23:23 PM

Quant Time: Dec 13 15:21:52 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2788	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11657	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7444	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16604	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13959	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	13265	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	816	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	2180	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	3947	0.112	ng/ul	96
5) 2-Methylnaphthalene	11.98	142	4052	0.165	ng/ul	99
7) Acenaphthylene	13.90	152	2849	0.069	ng/ul#	93
9) Fluorene	15.24	166	1221	0.034	ng/ul#	88
12) Phenanthrene	16.97	178	30566	0.546	ng/ul	100
13) Anthracene	17.06	178	4656m >	0.088	ng/ul >	100 JU 12/16/19
15) Fluoranthene	18.99	202	67296	0.978	ng/ul	100
17) Pyrene	19.35	202	59165	1.056	ng/ul	99
18) Benzo(a)anthracene	21.12	228	27934	0.498	ng/ul	97
19) Chrysene	21.17	228	31612	0.573	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	35057m }	0.641	ng/ul }	JU 12/16/19
22) Benzo(k)fluoranthene	22.68	252	12822m }	0.236	ng/ul }	
23) Benzo(a)pyrene	23.18	252	24211	0.472	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.38	276	15150	0.252	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	4018	0.083	ng/ul#	77
26) Benzo(g,h,i)perylene	26.02	276	15241	0.303	ng/ul	99

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