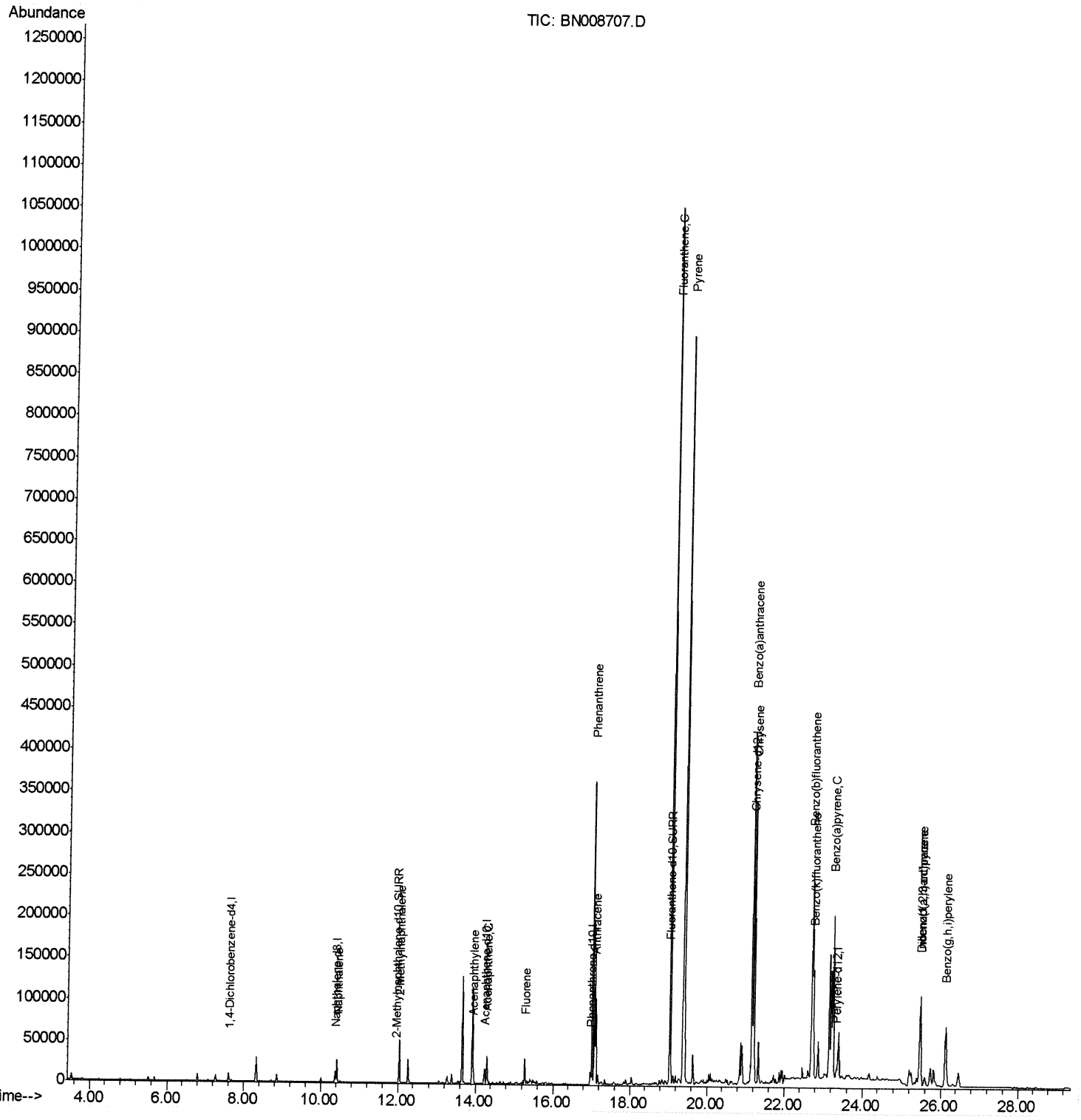
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112119\
Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 22 13:57:16 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 : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112119\
Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
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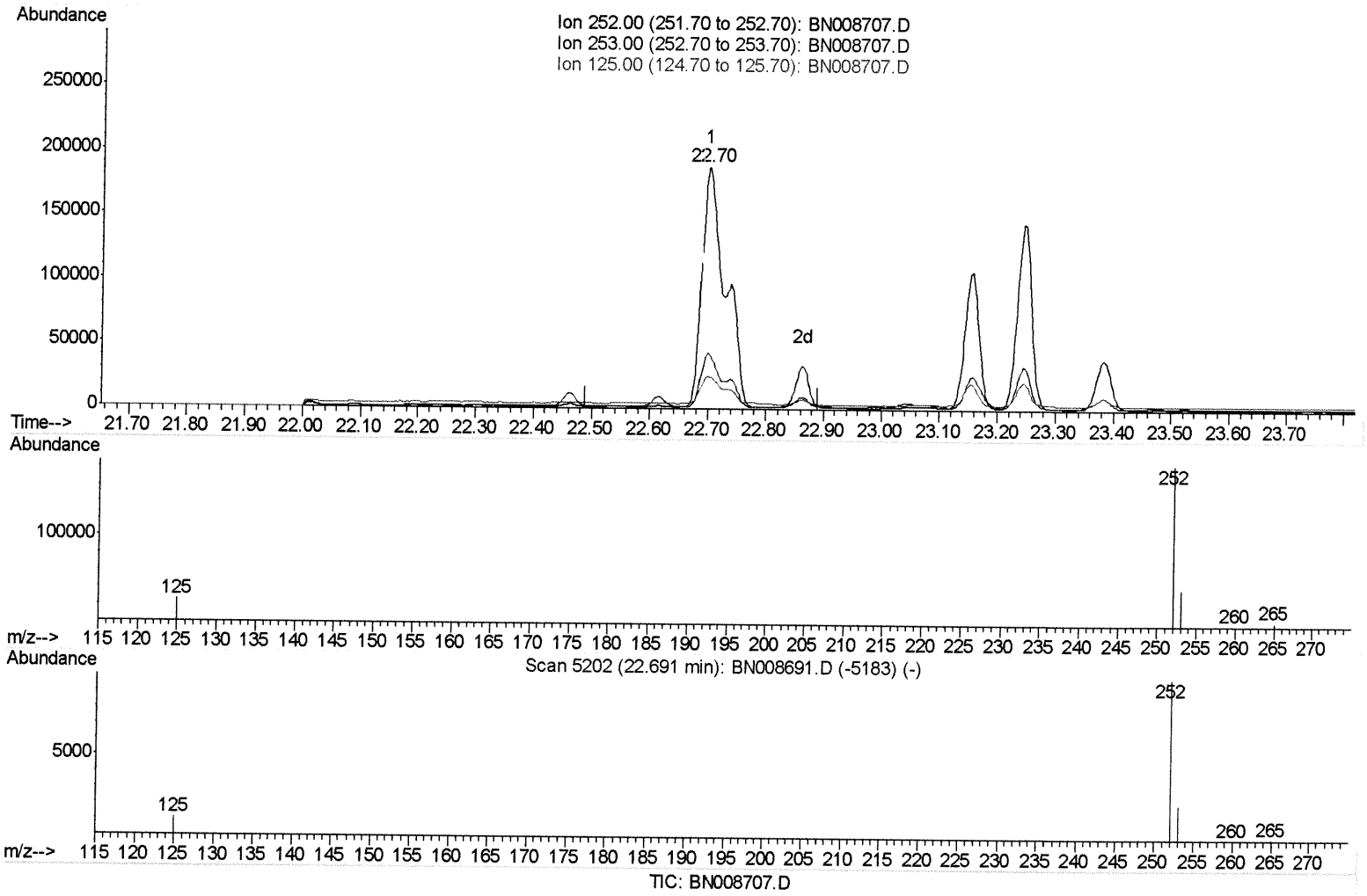
Quant Time: Nov 22 13:56:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM



Scan 5202 (22.691 min): BN008691.D (-5183) (-)

TIC: BN008707.D

(21) Benzo(b)fluoranthene

22.700min (+0.009) 8.57ng/ul

response 522860

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.02
125.00	15.00	13.78
0.00	0.00	0.00

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ClientSampleId :
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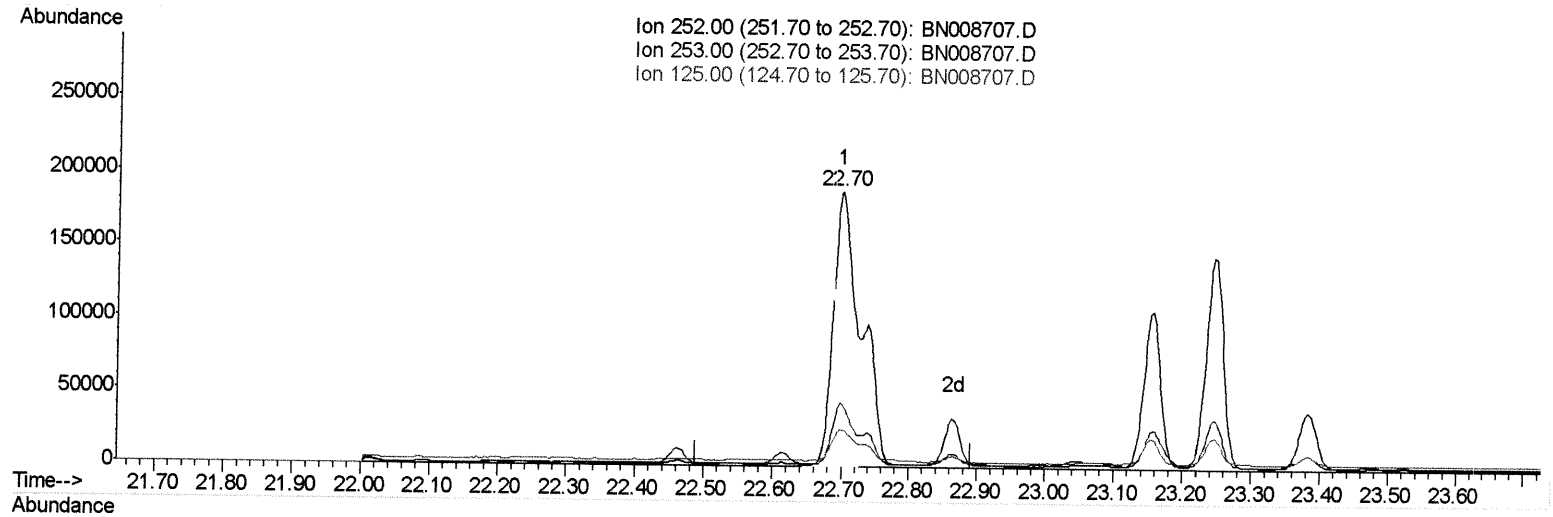
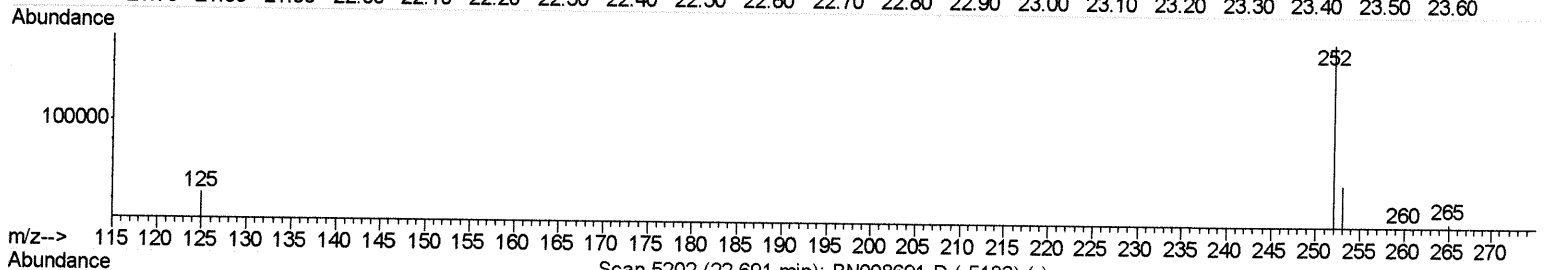
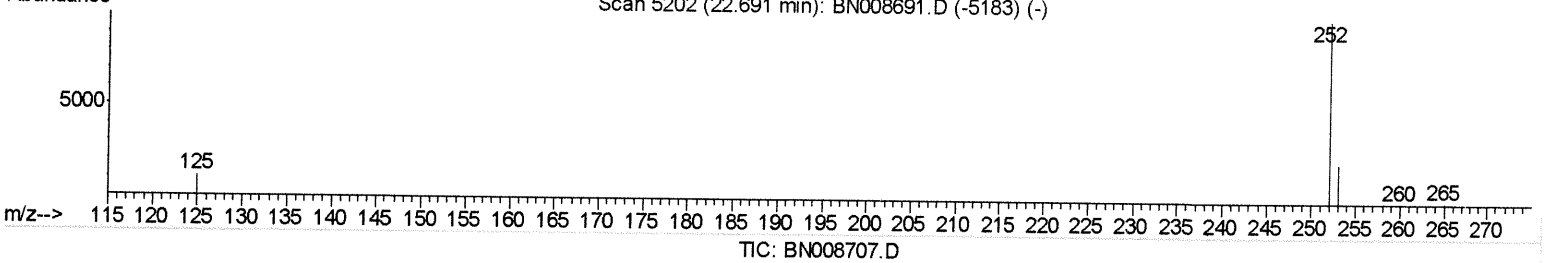
Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM





Scan 5202 (22.691 min): BN008691.D (-5183) (-)



TIC: BN008707.D

(21) Benzo(b)fluoranthene

22.700min (+0.009) 6.42ng/ul m JU 11/23/19

response 391577

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.02
125.00	15.00	13.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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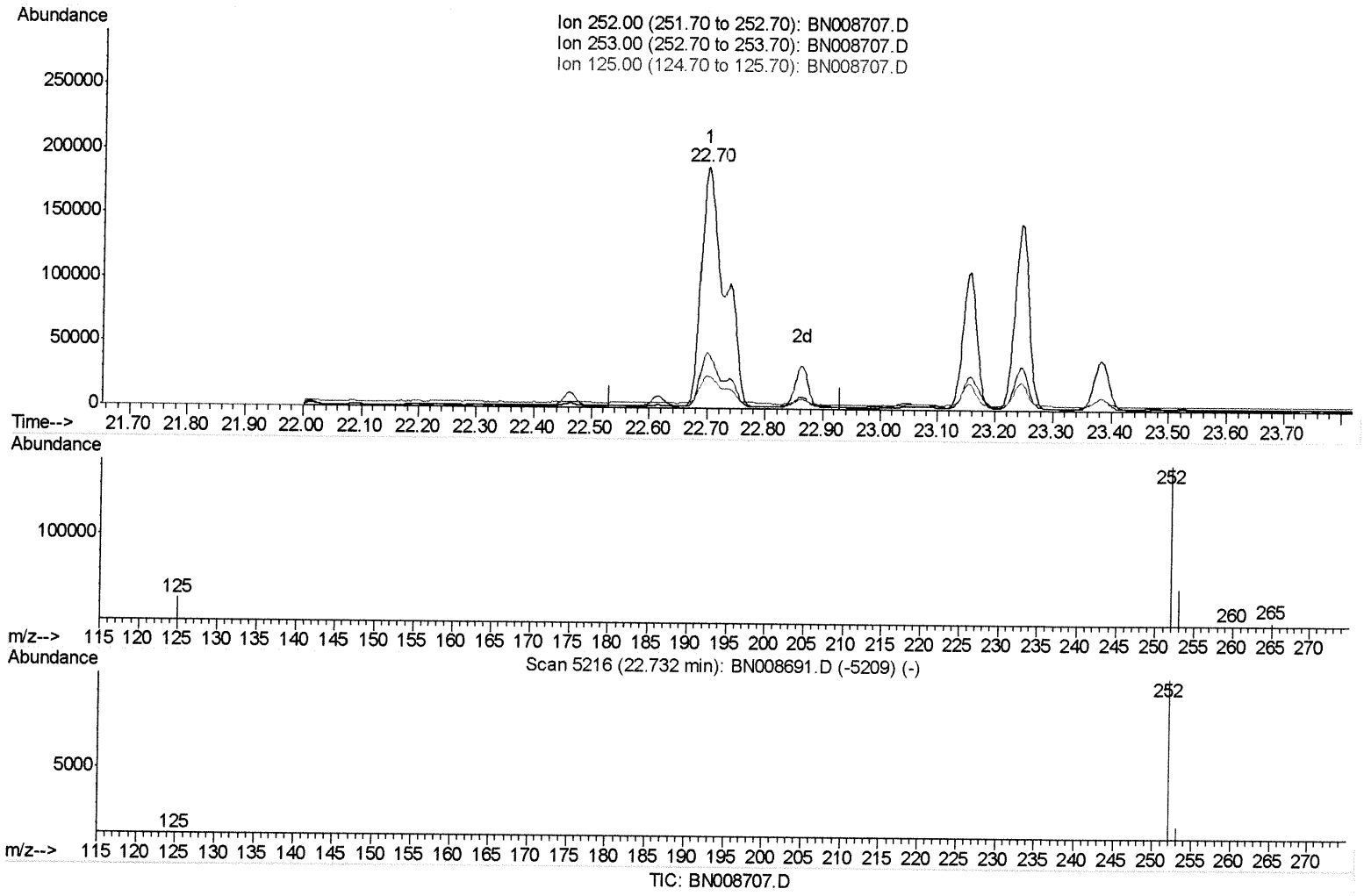
Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM



TIC: BN008707.D

(22) Benzo(k)fluoranthene

22.700min (-0.032) 8.64ng/ul

response 522860

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	23.02
125.00	18.70	13.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 22 13:56:31 2019
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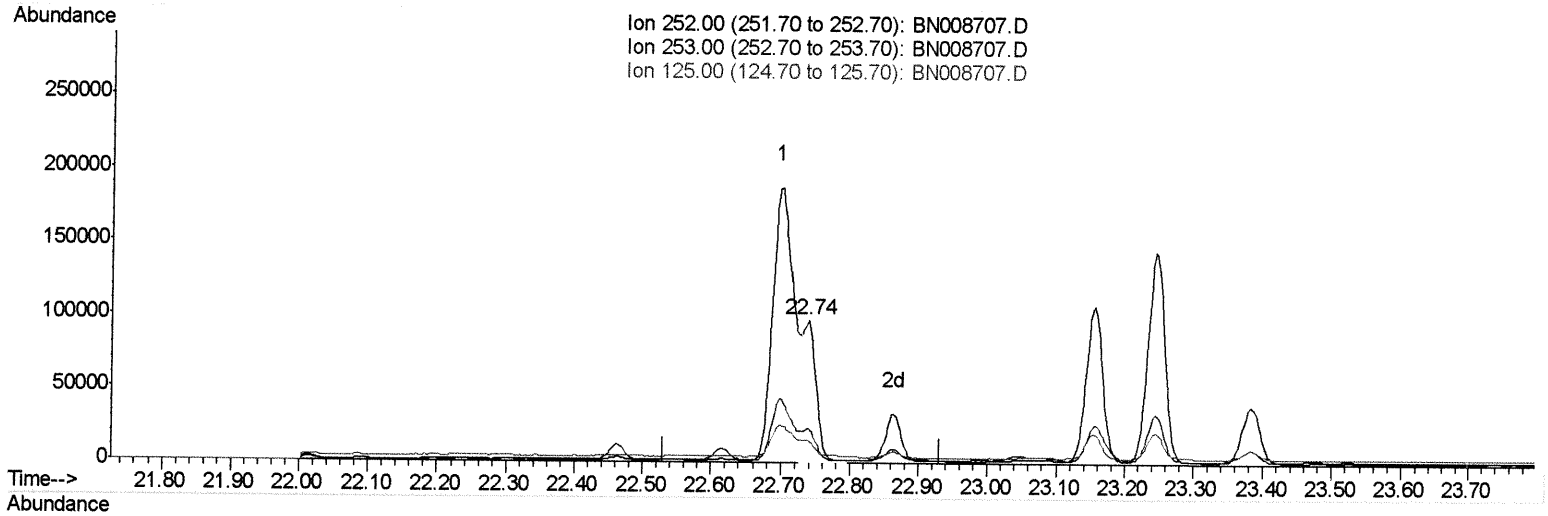
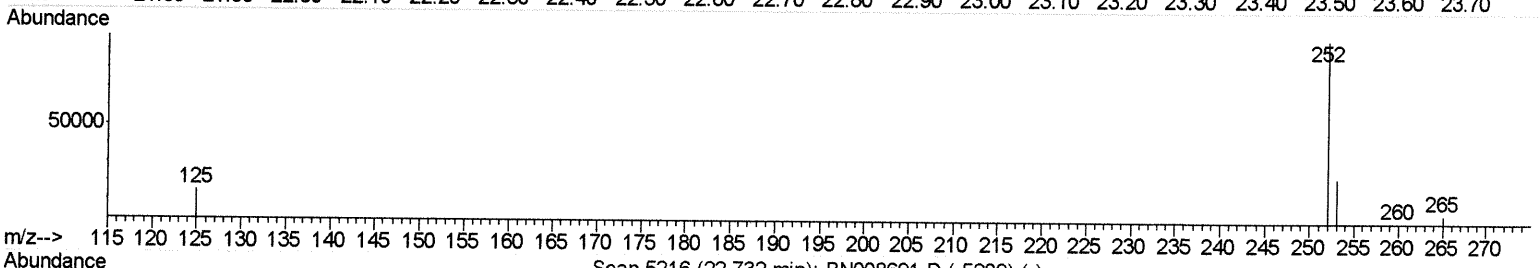
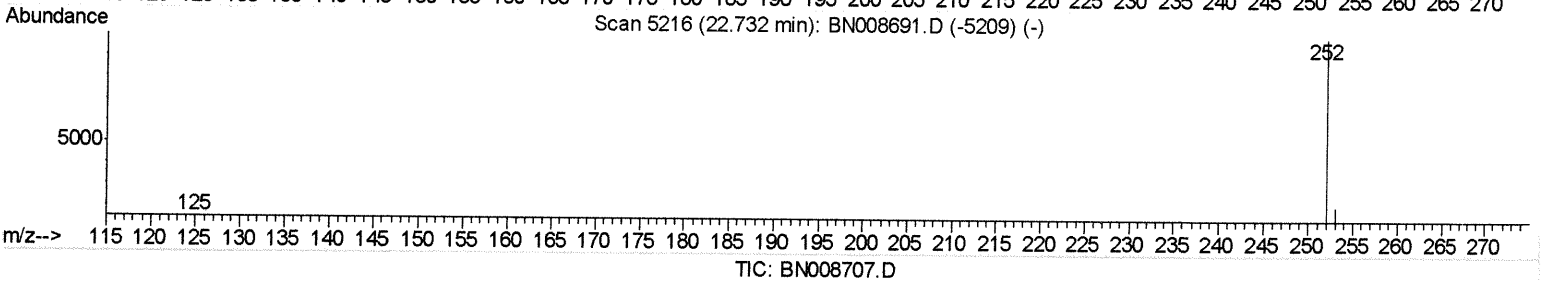
Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM







TIC: BN008707.D

(22) Benzo(k)fluoranthene

22.738min (+0.006) 2.34ng/ul m Ju 11/25/19

response 141742

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	24.20
125.00	18.70	15.98
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM

Quant Time: Nov 22 13:57:16 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4081	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8636	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17217	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13326	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14800	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	977	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2714	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	36815	0.811	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	36195	1.142	ng/ul	99
7) Acenaphthylene	13.95	152	16053	0.336	ng/ul	98
8) Acenaphthene	14.29	153	19257	0.543	ng/ul	99
9) Fluorene	15.28	166	16988	0.408	ng/ul#	95
12) Phenanthrene	17.01	178	367369	6.327	ng/ul	98
13) Anthracene	17.11	178	105073	1.915	ng/ul	98
15) Fluoranthene	19.04	202	860687	12.065	ng/ul	94
17) Pyrene	19.40	202	741709	13.874	ng/ul	95
18) Benzo(a)anthracene	21.16	228	366445	6.838	ng/ul	98
19) Chrysene	21.21	228	320409	6.087	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	391577m	6.416	ng/ul	JU 11/25/19
22) Benzo(k)fluoranthene	22.74	252	141742m	2.342	ng/ul	JU 11/25/19
23) Benzo(a)pyrene	23.24	252	247444	4.320	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.48	276	152927	2.283	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.48	278	37676	0.696	ng/ul	93
26) Benzo(g,h,i)perylene	26.12	276	141041	2.517	ng/ul	98

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