Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

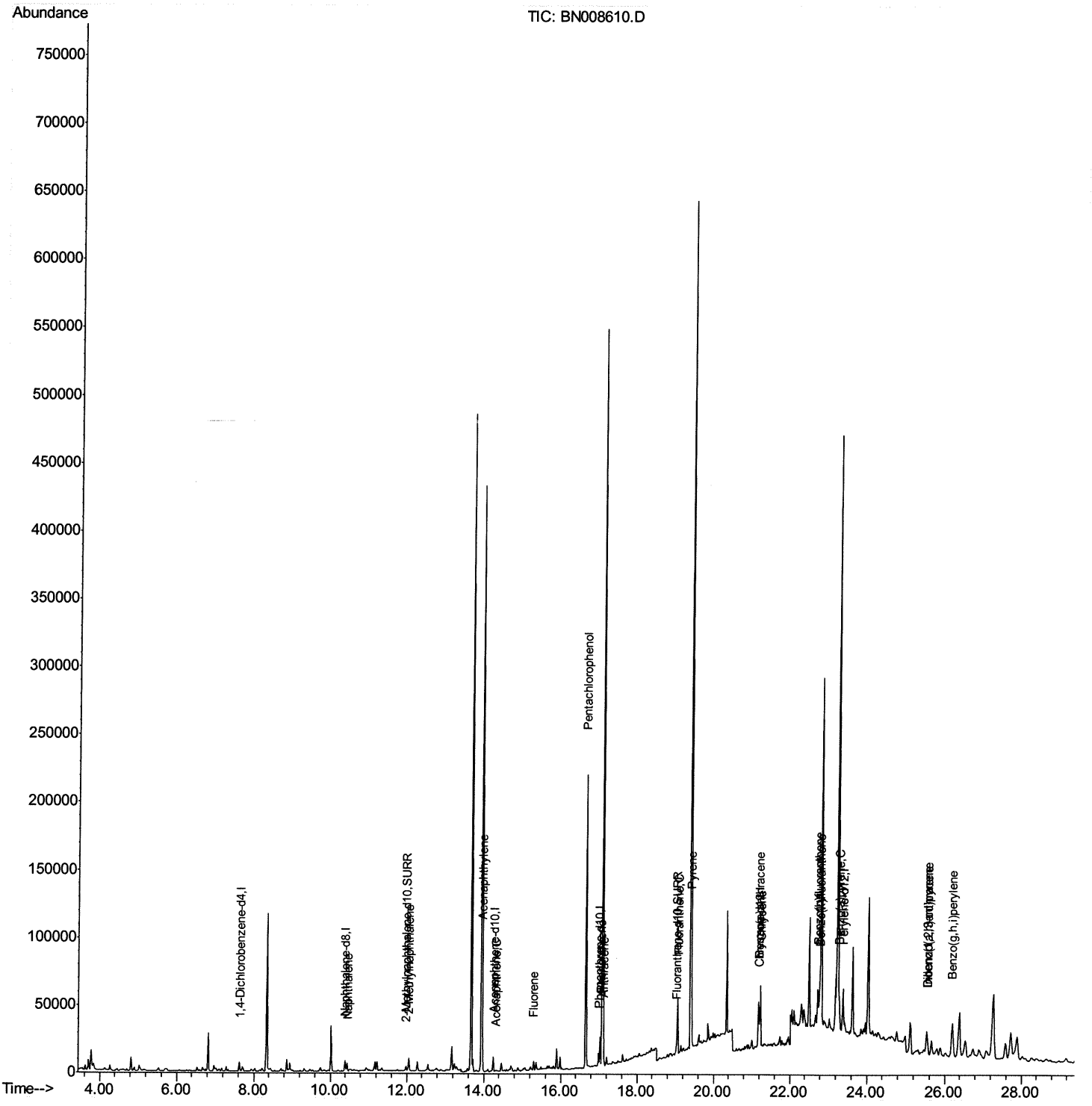
Quantitation Report (QT Reviewed)

Data File : BN008610.D
Acq On : 18 Nov 2019 18:55
Operator : JU
Sample : K5678-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 02:51:46 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLM85

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:04 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

Quantitation Report (Qedit)

Data File : BN008610.D
Acq On : 18 Nov 2019 18:55
Operator : JU
Sample : K5678-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 01:51:21 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 01:47:58 2019
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Manual Integrations APPROVED
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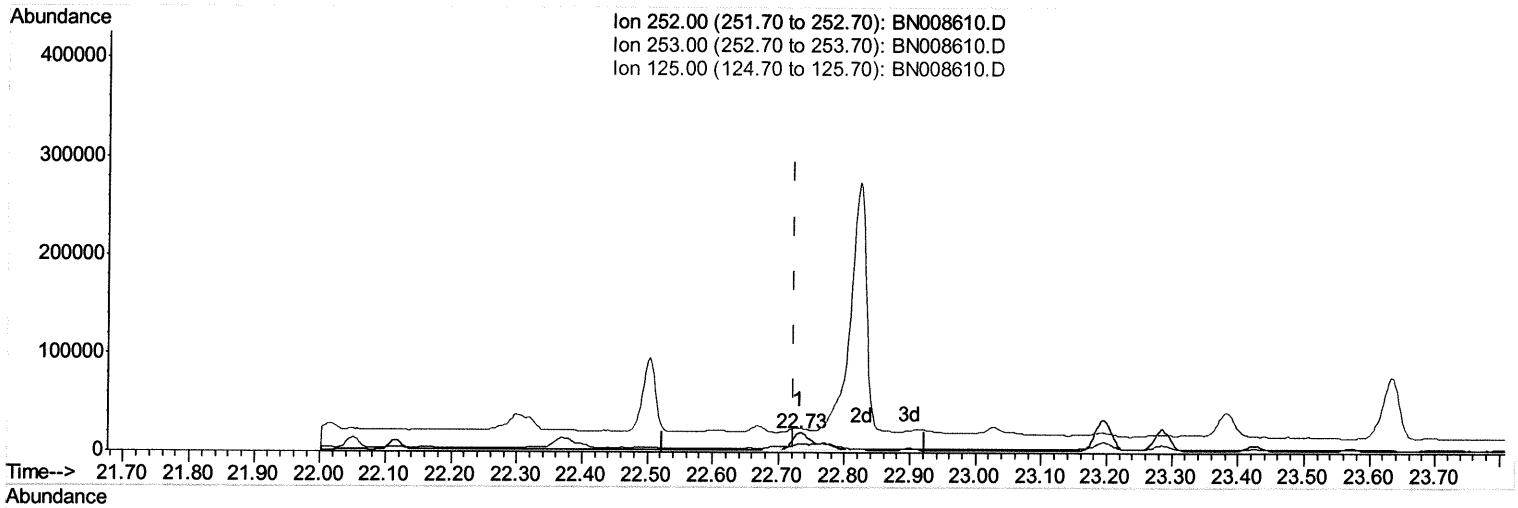
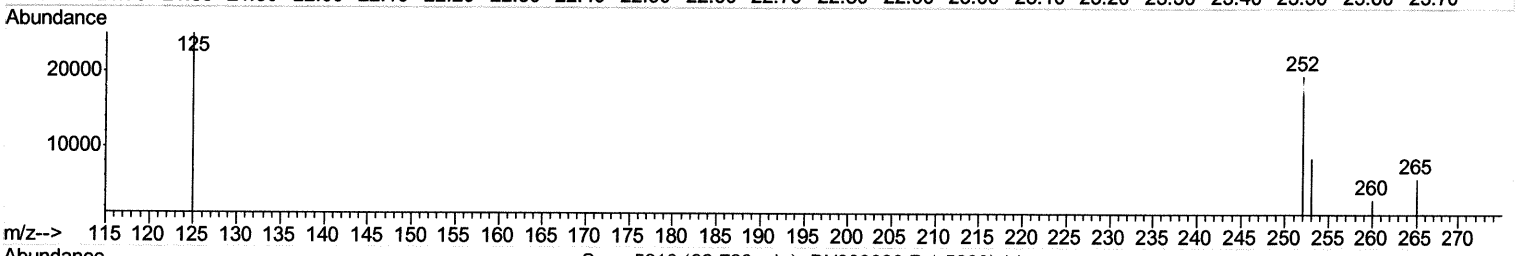
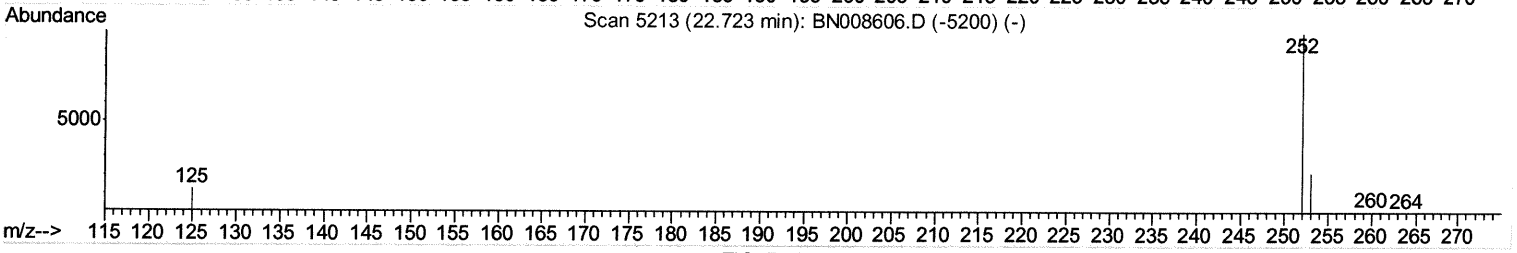
11/19/2019 2:45:04 PM







TIC: BN008610.D

(21) Benzo(b)fluoranthene

22.732min (+0.008) 1.16ng/ul

response 46842

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	44.33
125.00	15.00	127.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

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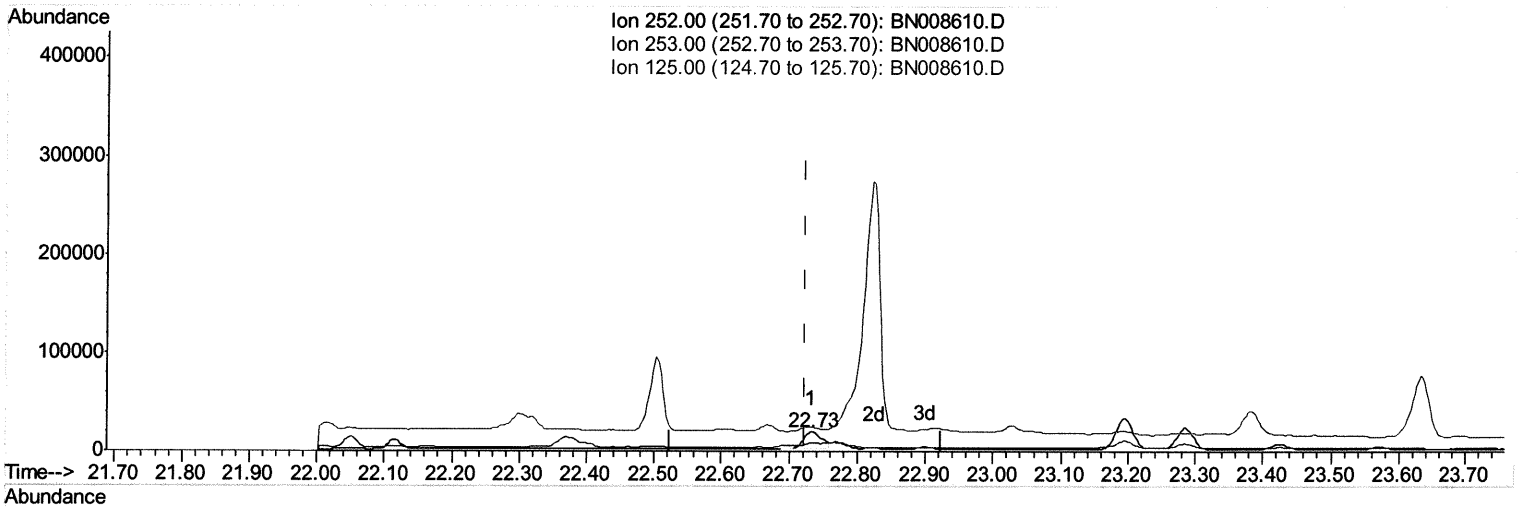
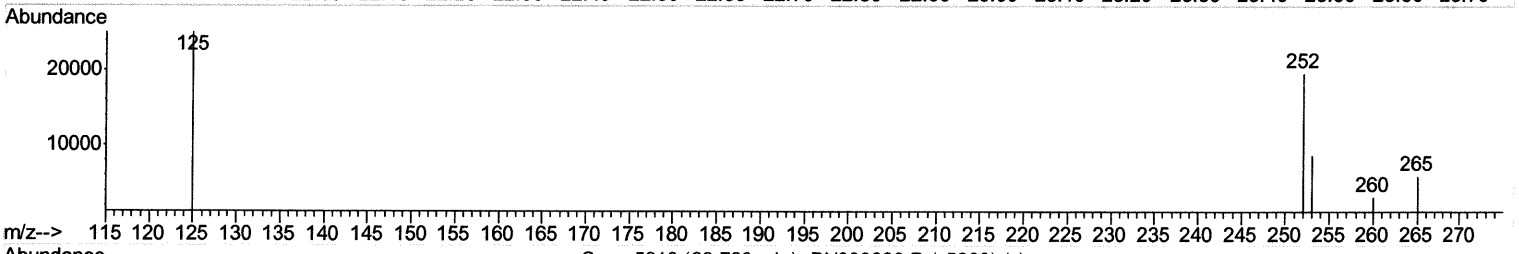
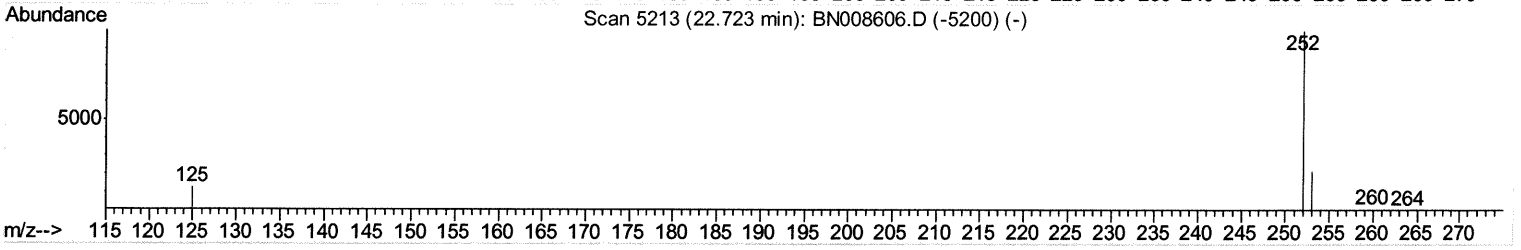
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:04 PM







TIC: BN008610.D

(21) Benzo(b)fluoranthene

22.732min (+0.008) 0.86ng/ul m

response 34469

JU 11/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	44.33
125.00	15.00	127.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

Quantitation Report (Qedit)

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ALS Vial : 16 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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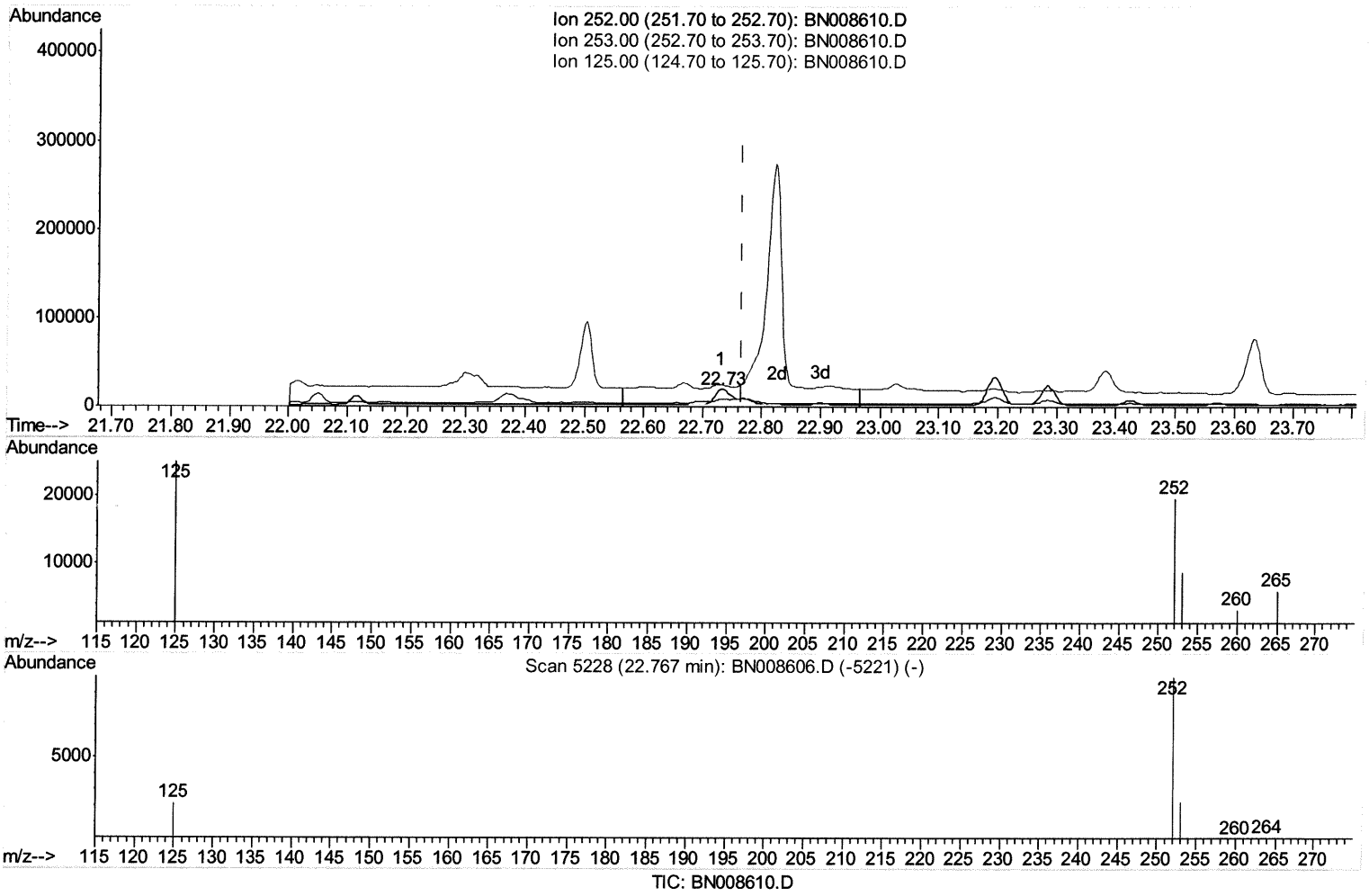
Manual Integrations APPROVED
mohammad
11/19/2019 2:45:04 PM



TIC: BN008610.D

(22) Benzo(k)fluoranthene

22.732min (-0.035) 1.17ng/ul

response 46842

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	44.33#
125.00	18.70	127.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

Quantitation Report (Qedit)

Data File : BN008610.D
Acq On : 18 Nov 2019 18:55
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Sample : K5678-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

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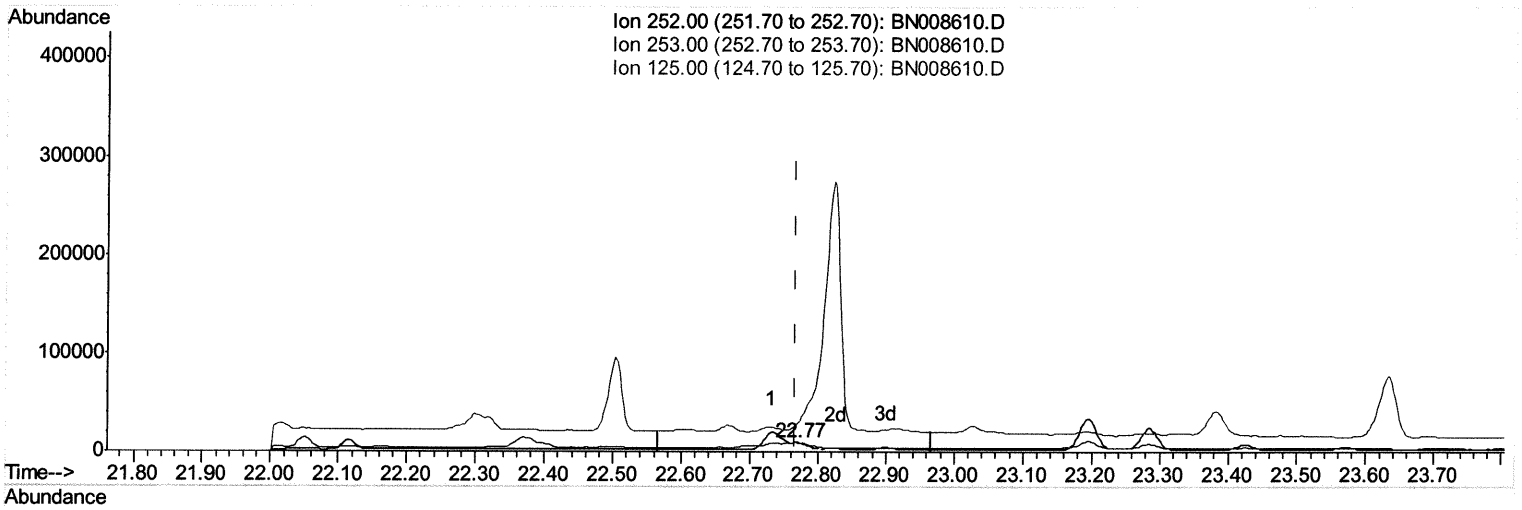
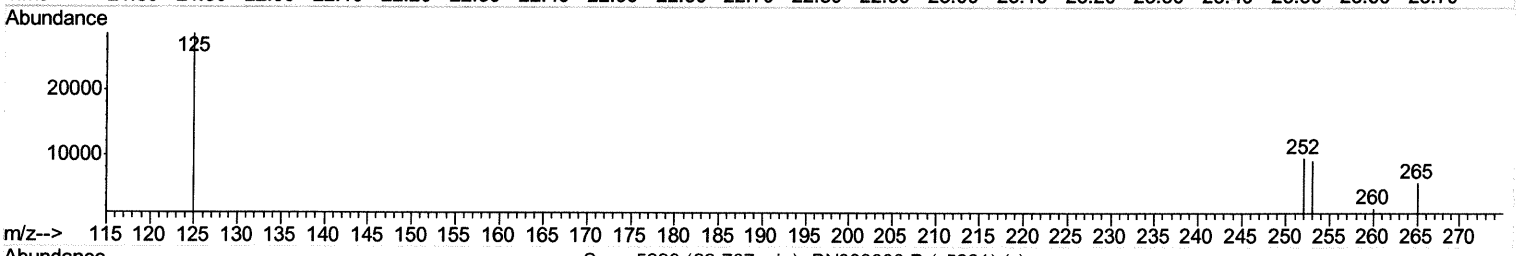
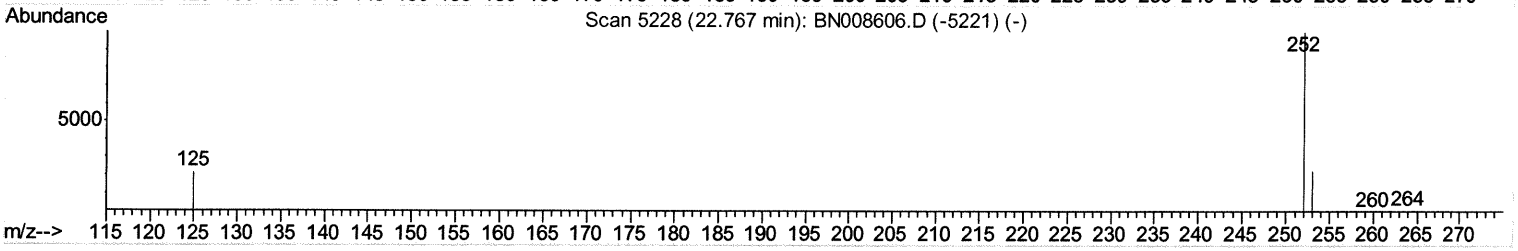
BNA_N
ClientSampleId :
JLM85

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:04 PM







TIC: BN008610.D

(22) Benzo(k)fluoranthene

22.770min (+0.003) 0.29ng/ul m

response 11436

JU 11/21/19

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	97.20#
125.00	18.70	300.11#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111819\

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Instrument : BNA_N
ClientSampleId : JLM85

Manual Integrations APPROVED
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11/19/2019 2:45:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2659	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	9564	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	5729	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	11232	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	9126	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	9772	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3698	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	9023	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	7318	0.254	ng/ul	97
5) 2-Methylnaphthalene	12.06	142	6377	0.317	ng/ul	99
7) Acenaphthylene	13.97	152	4185	0.132	ng/ul#	73
8) Acenaphthene	14.32	153	590	0.025	ng/ul#	83
9) Fluorene	15.31	166	1208	0.044	ng/ul#	44
11) Pentachlorophenol	16.65	266	132664	31.208	ng/ul	99
12) Phenanthrene	17.04	178	22210	0.586	ng/ul#	92
13) Anthracene	17.13	178	4997	0.140	ng/ul#	59
15) Fluoranthene	19.06	202	34886	0.750	ng/ul	95
17) Pyrene	19.42	202	45112	1.232	ng/ul	99
18) Benzo(a)anthracene	21.18	228	25718	0.701	ng/ul#	73
19) Chrysene	21.23	228	48672	1.350	ng/ul#	85
21) Benzo(b)fluoranthene	22.73	252	34469m	0.855	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	11436m	0.286	ng/ul	
23) Benzo(a)pyrene	23.28	252	40316	1.066	ng/ul#	36
24) Indeno(1,2,3-cd)pyrene	25.54	276	20448	0.462	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.55	278	8014	0.224	ng/ul#	1
26) Benzo(g,h,i)perylene	26.20	276	47634	1.287	ng/ul#	75

JU 11/21/19

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