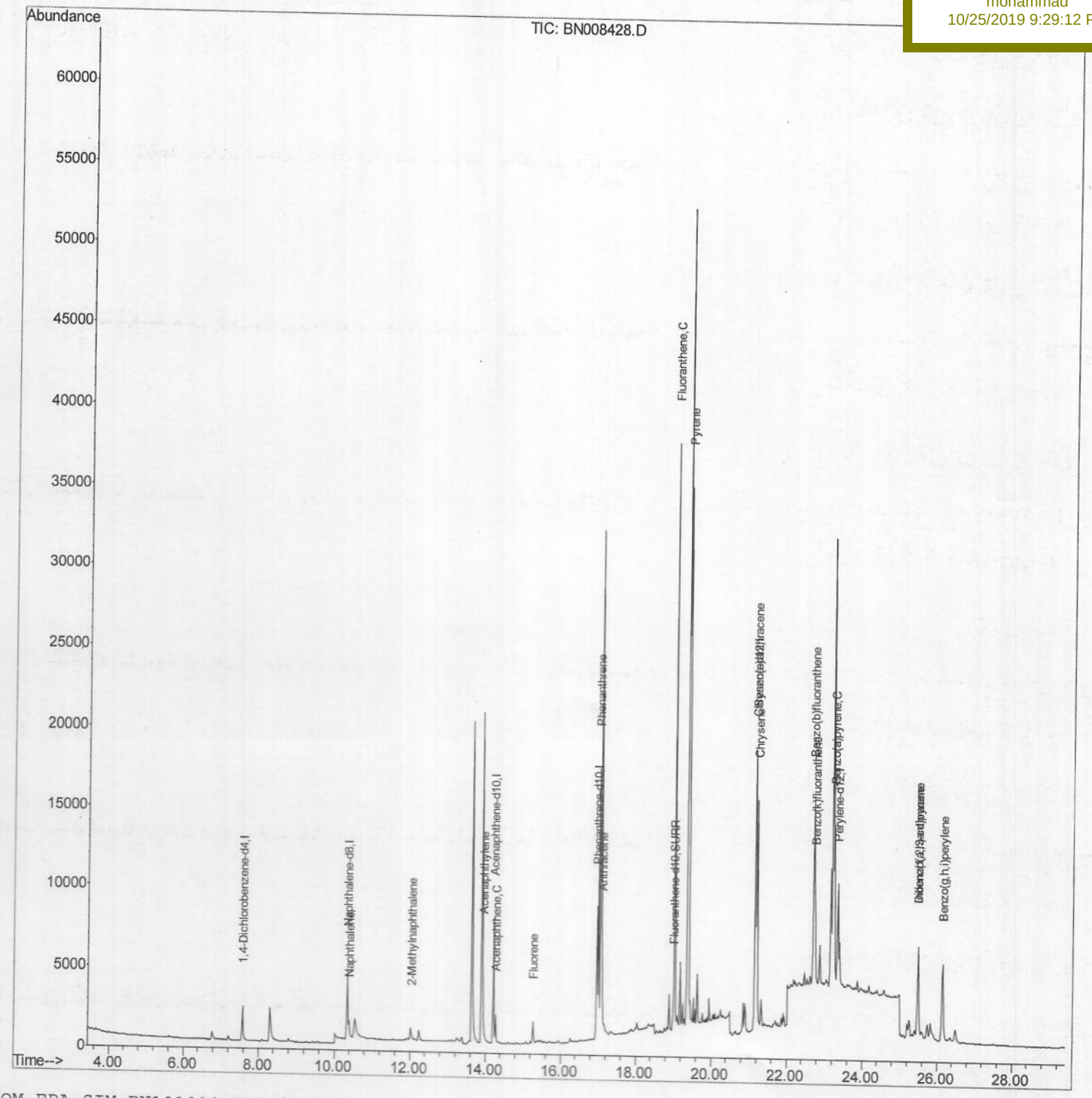
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102419\
Data File : BN008428.D
Acq On : 25 Oct 2019 15:51
Operator : JU
Sample : K5236-04DL 10X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Oct 25 16:27:27 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 : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

Manual Integrations APPROVED
mohammad
10/25/2019 9:29:12 PM



Quantitation Report (Qedit)

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Data File : BN008428.D
Acq On : 25 Oct 2019 15:51
Operator : JU
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Misc :
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Quant Time: Oct 25 16:25:58 2019
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QLast Update : Fri Oct 25 13:14:06 2019
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Manual Integrations APPROVED
mohammad
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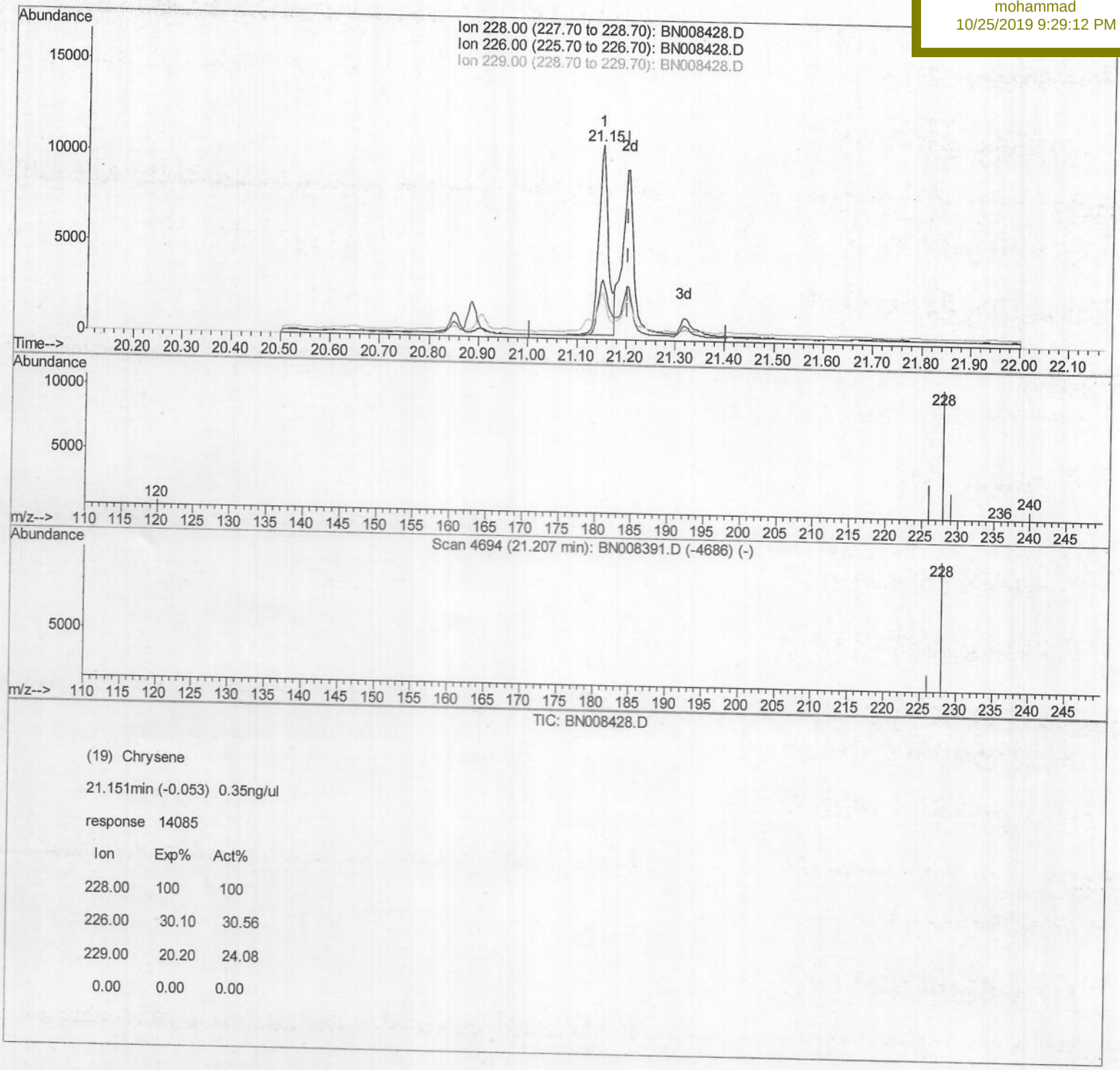

TIC: BN008428.D

(19) Chrysene

21.151min (-0.053) 0.35ng/ul

response 14085

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	30.56
229.00	20.20	24.08
0.00	0.00	0.00

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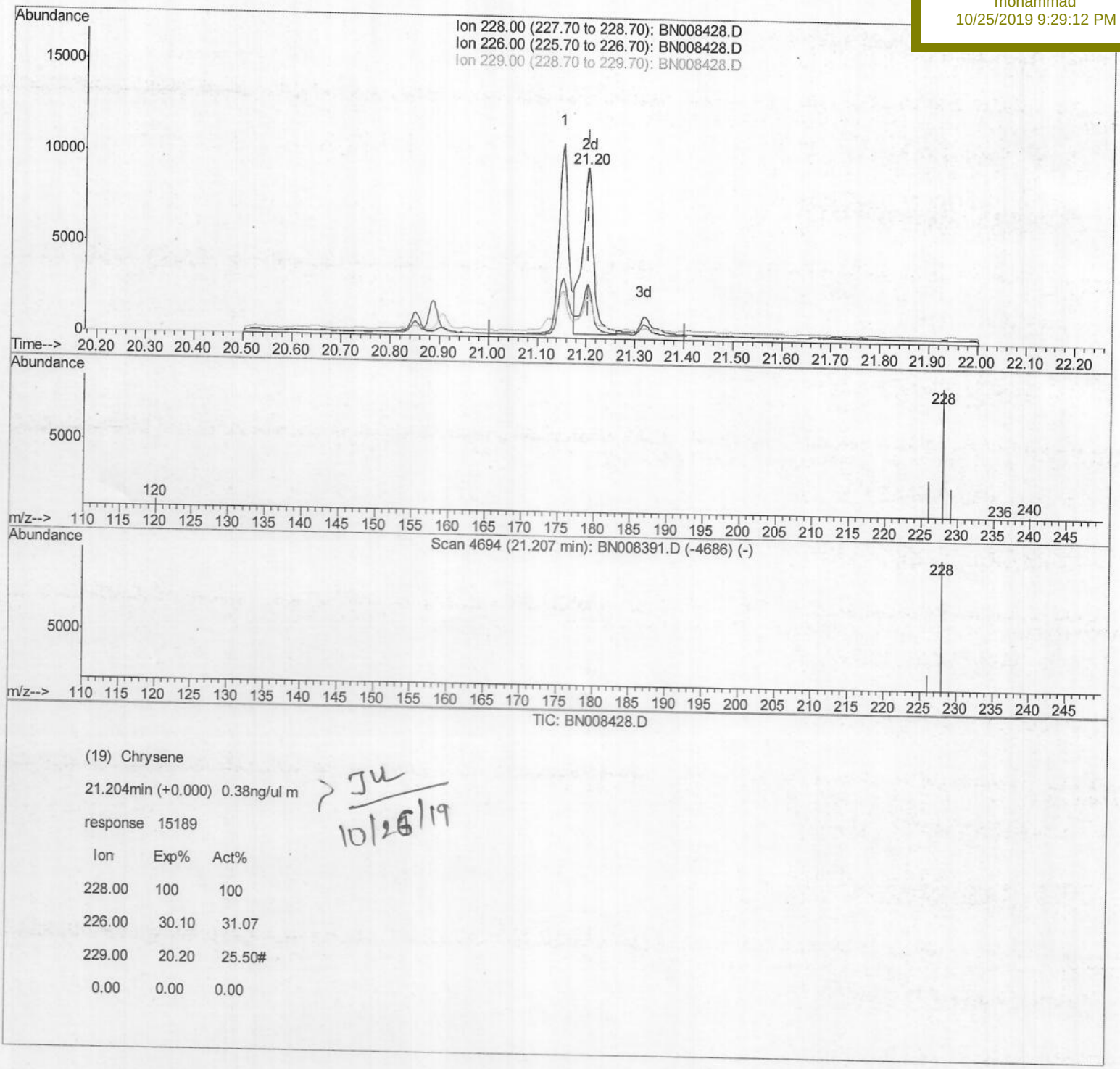
Manual Integrations APPROVED
mohammad
10/25/2019 9:29:12 PM



(19) Chrysene

21.204min (+0.000) 0.38ng/ul m

response 15189

JU 10/25/19

Ion	Exp%	Act%
228.00	100	100
226.00	30.10	31.07
229.00	20.20	25.50#
0.00	0.00	0.00

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BNA_N
ClientSampleId :
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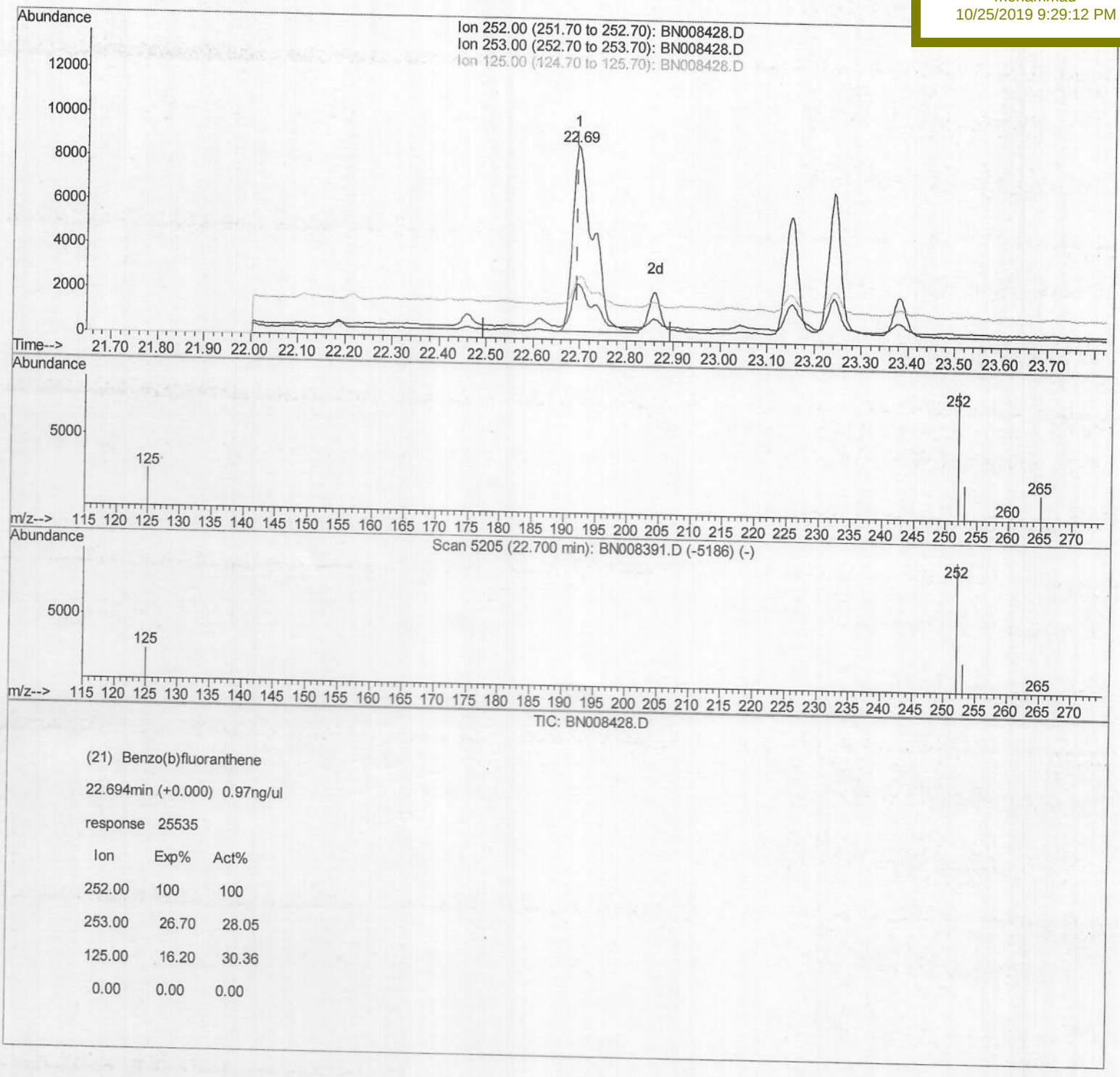
Manual Integrations APPROVED
mohammad
10/25/2019 9:29:12 PM



TIC: BN008428.D

(21) Benzo(b)fluoranthene

22.694min (+0.000) 0.97ng/ul

response 25535

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	28.05
125.00	16.20	30.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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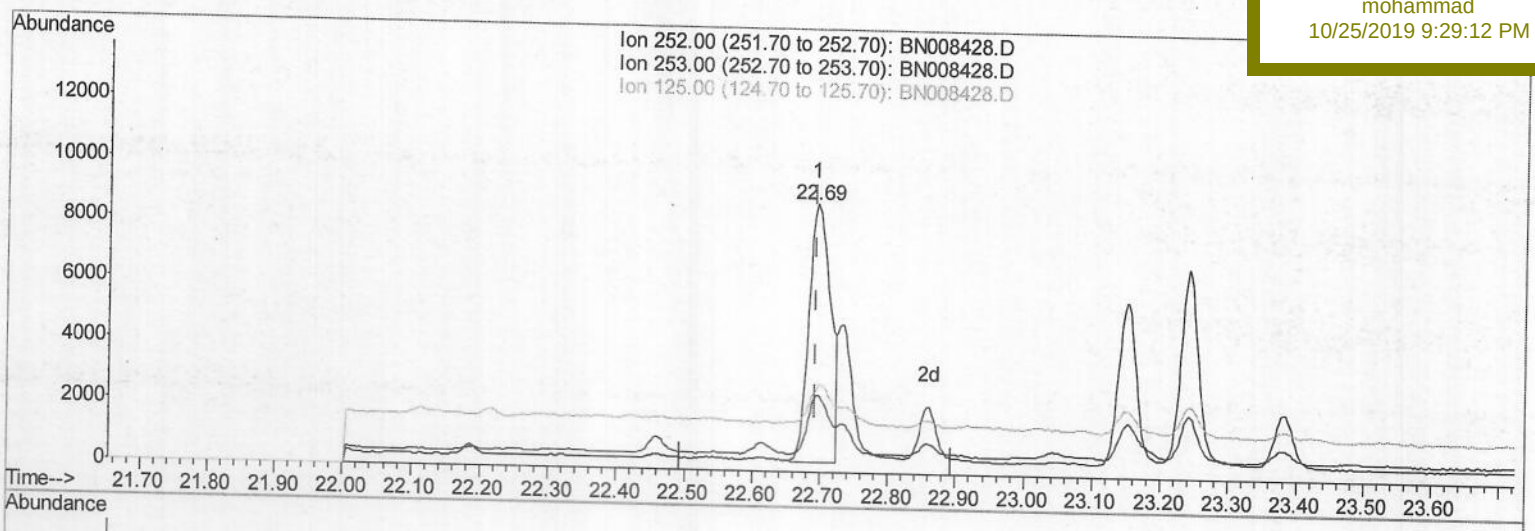
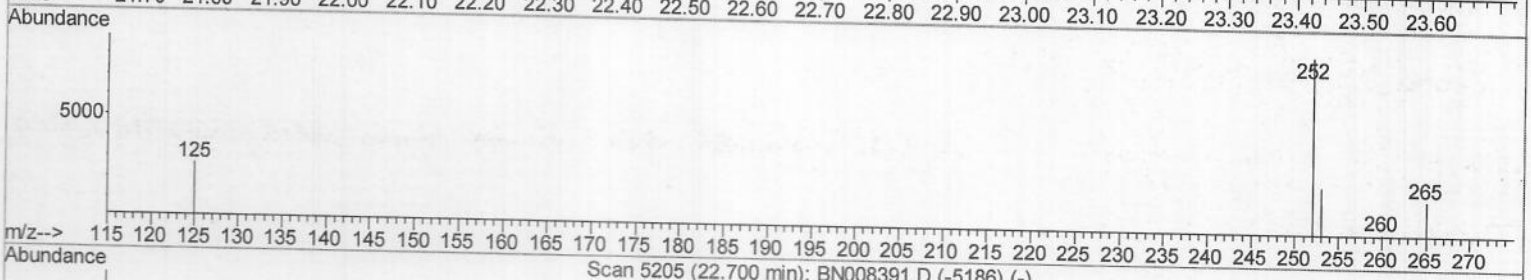
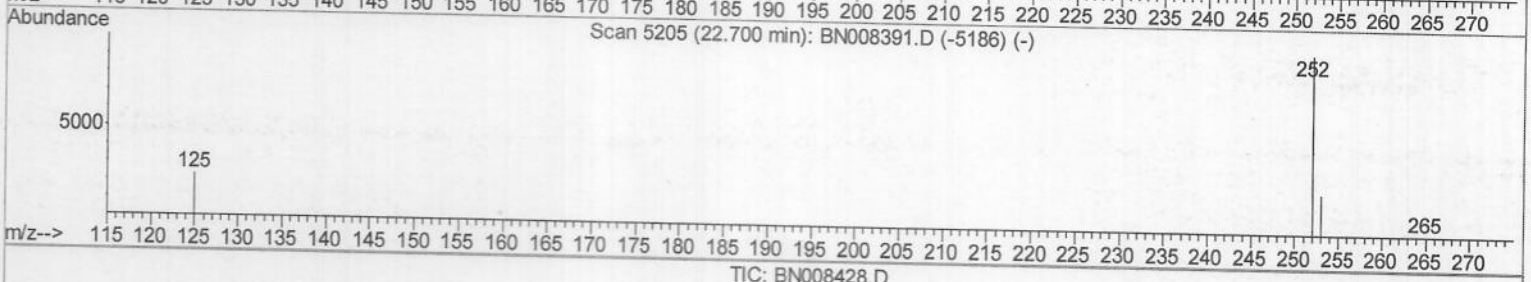
Manual Integrations APPROVED
mohammad
10/25/2019 9:29:12 PM







TIC: BN008428.D

(21) Benzo(b)fluoranthene

22.694min (+0.000) 0.70ng/ul m

response 18574

JU 10/26/19

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	28.05
125.00	16.20	30.36
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 50 Sample Multiplier: 1

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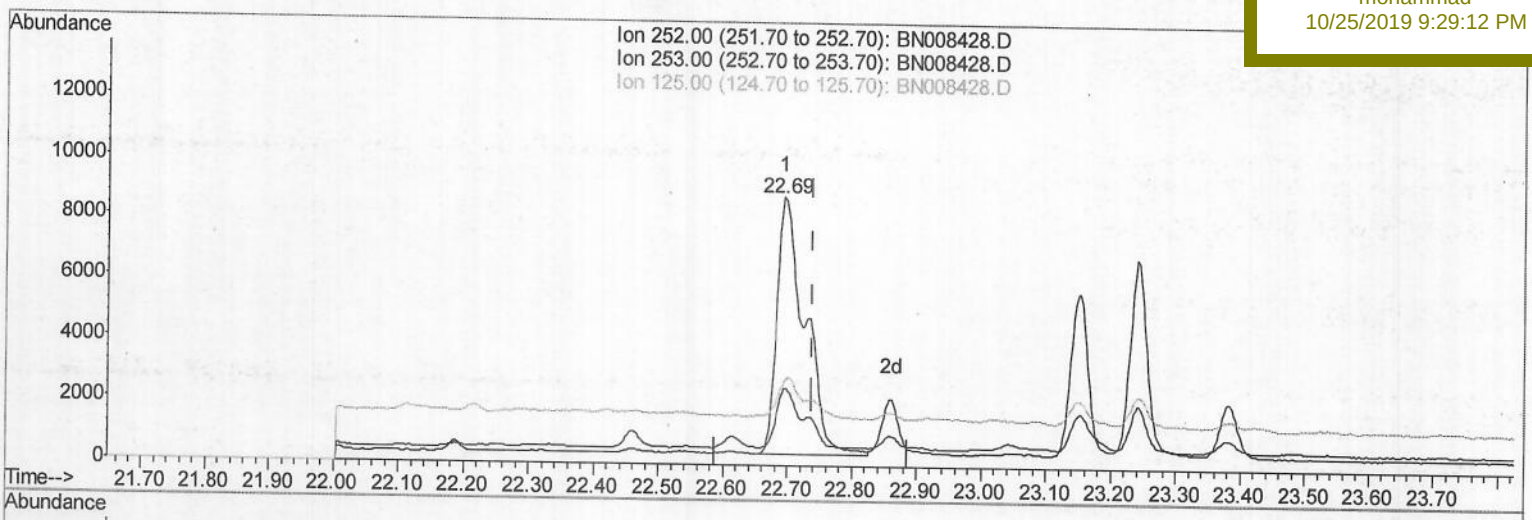
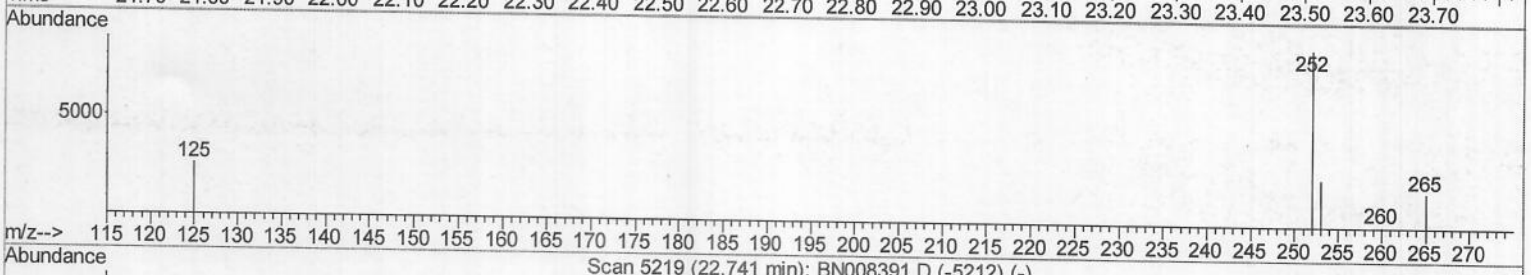
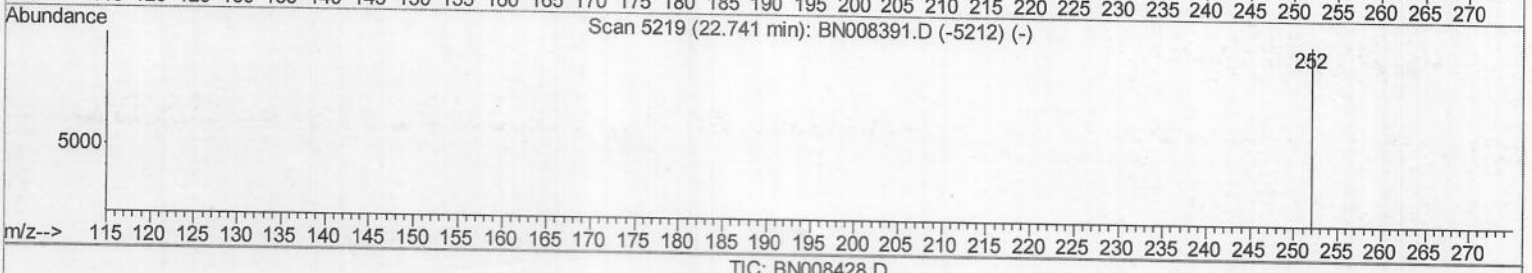
BNA_N
ClientSampleId :
BEPL3DL

Manual Integrations APPROVED
mohammad
10/25/2019 9:29:12 PM







TIC: BN008428.D

(22) Benzo(k)fluoranthene

22.694min (-0.044) 0.85ng/ul

response 25535

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	28.05
125.00	15.40	30.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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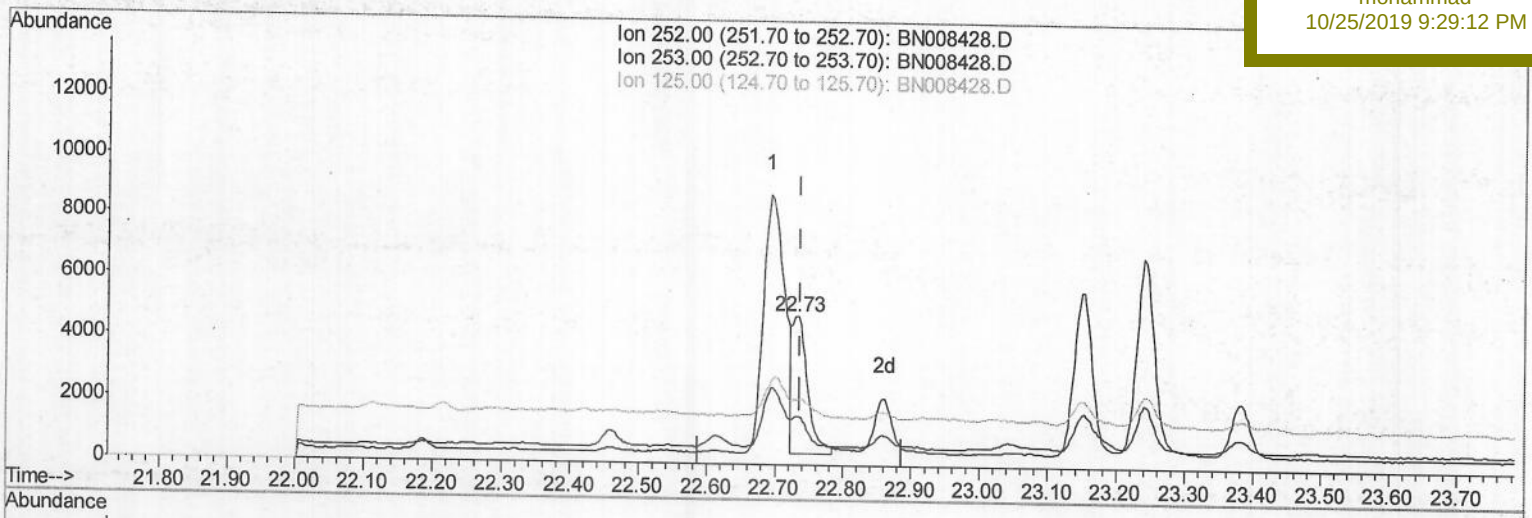

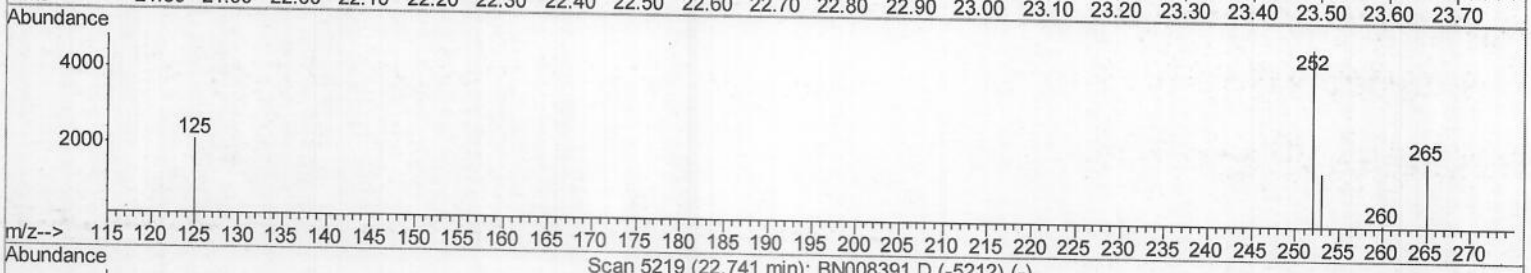

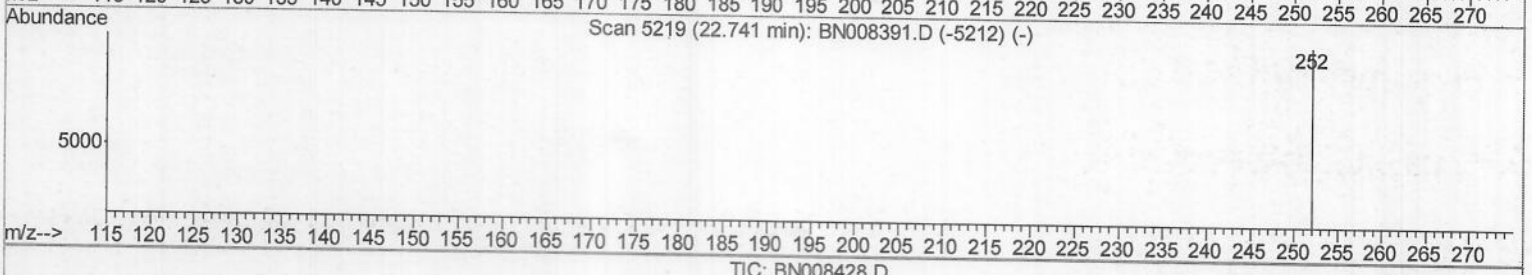

TIC: BN008428.D

(22) Benzo(k)fluoranthene

22.732min (-0.006) 0.23ng/ul m

response 6902

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.42#
125.00	15.40	43.55#
0.00	0.00	0.00

> JU
10/26/19

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Manual Integrations APPROVED
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10/25/2019 9:29:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1391	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	7173	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	4811	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	10275	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9060	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8112	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	220	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	724	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	1524	0.075	ng/ul#	87
5) 2-Methylnaphthalene	12.02	142	886	0.063	ng/ul	99
7) Acenaphthylene	13.93	152	2272	0.099	ng/ul#	91
8) Acenaphthene	14.27	153	1088	0.061	ng/ul	96
9) Fluorene	15.26	166	1083	0.054	ng/ul#	92
12) Phenanthrene	17.00	178	19648	0.653	ng/ul	100
13) Anthracene	17.09	178	3683	0.139	ng/ul#	90
15) Fluoranthene	19.02	202	33634	0.847	ng/ul	97
17) Pyrene	19.39	202	28953	0.803	ng/ul	99
18) Benzo(a)anthracene	21.15	228	14085	0.428	ng/ul	92
19) Chrysene	21.20	228	15189m	0.376	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	18574m	0.703	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6902m	0.231	ng/ul	
23) Benzo(a)pyrene	23.24	252	11585	0.417	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	9506	0.290	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	1913	0.074	ng/ul#	37
26) Benzo(g,h,i)perylene	26.14	276	10008	0.333	ng/ul#	92

JU 10/26/19

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