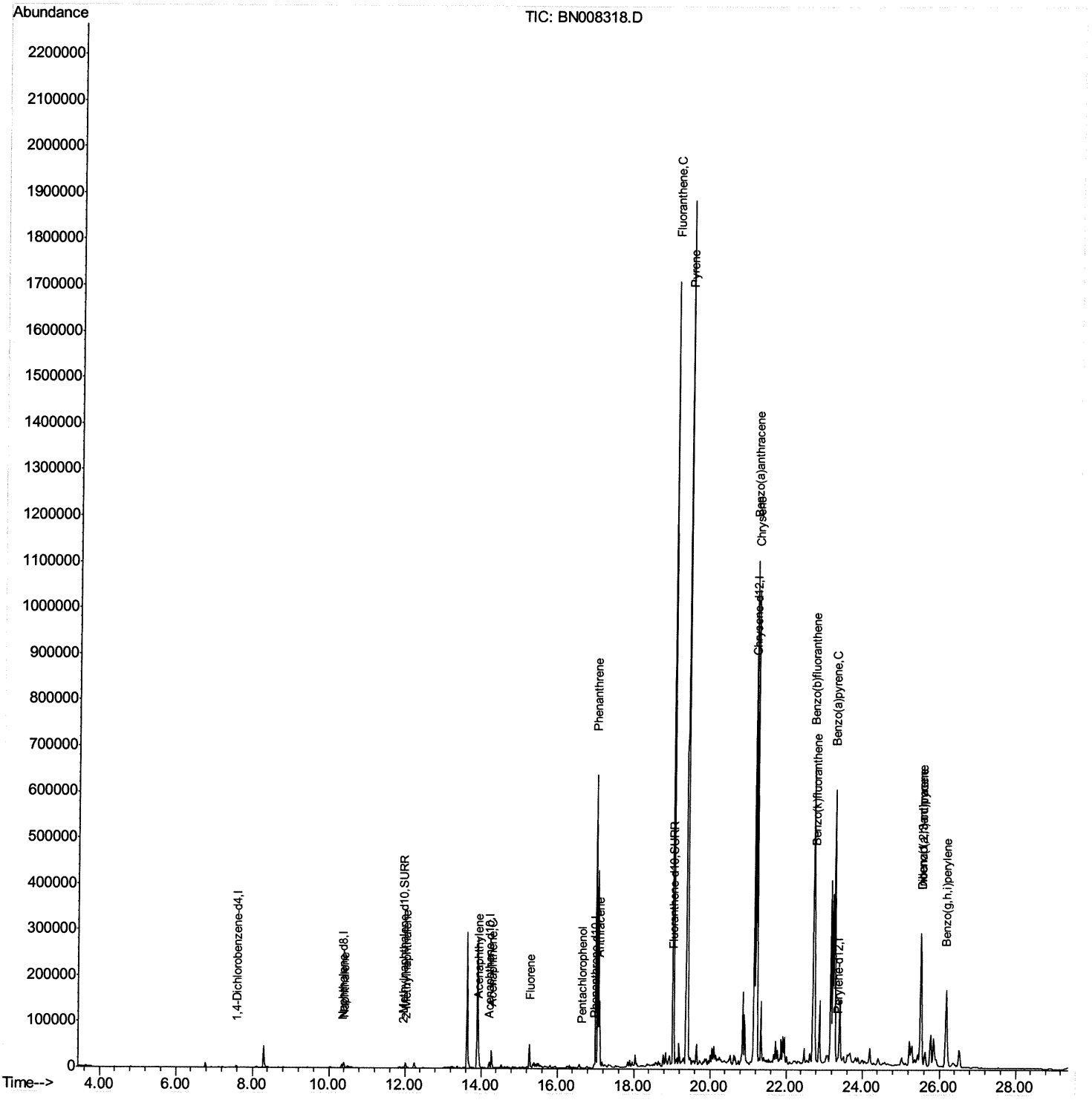
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102219\
Data File : BN008318.D
Acq On : 22 Oct 2019 17:11
Operator : JU
Sample : K5199-12DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 22 17:45:11 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 : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP79DL

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:12 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102219\
Data File : BN008318.D
Acq On : 22 Oct 2019 17:11
Operator : JU
Sample : K5199-12DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 22 17:44:09 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 : Tue Oct 22 13:04:25 2019
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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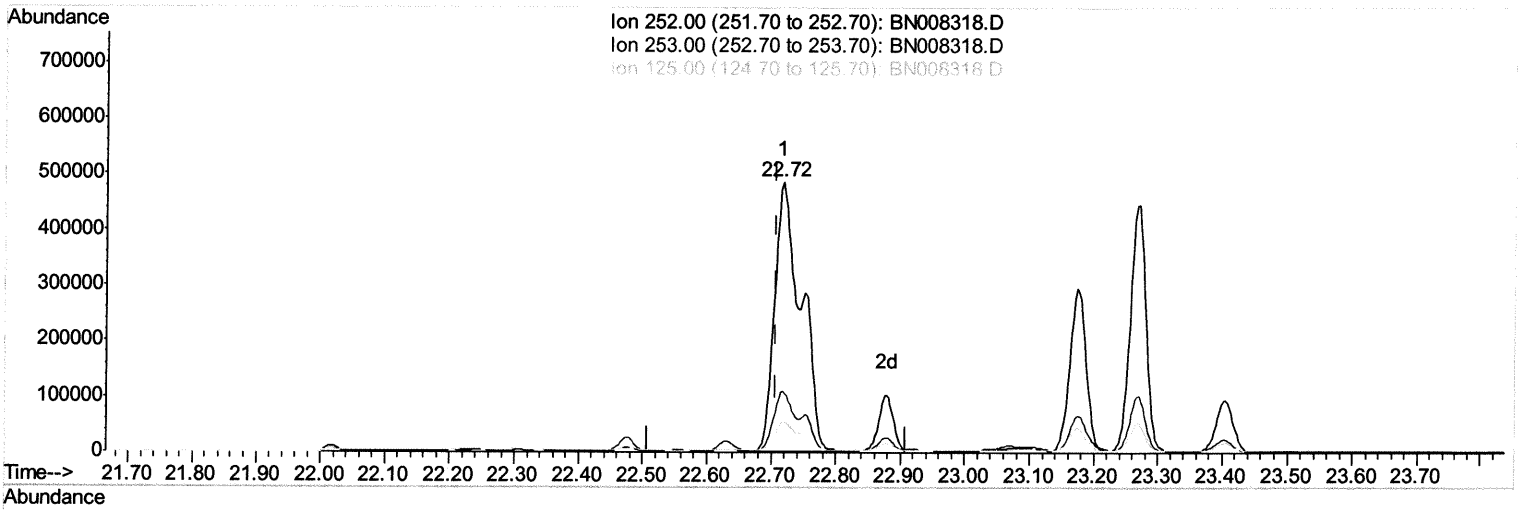
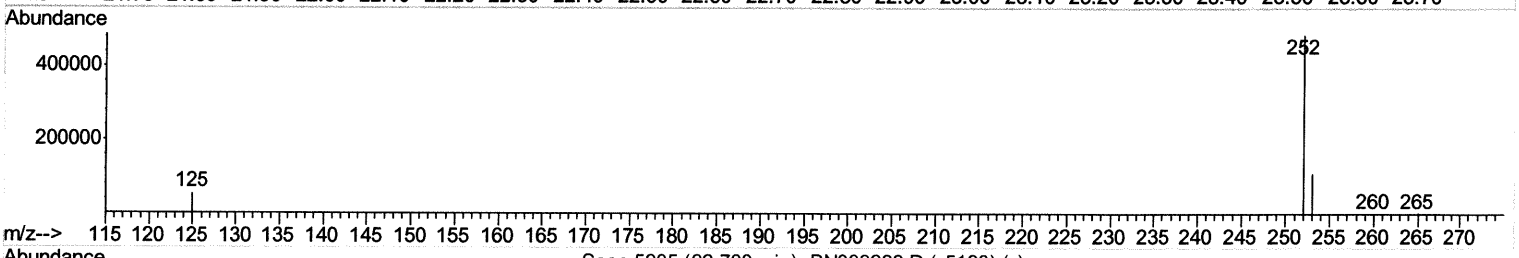
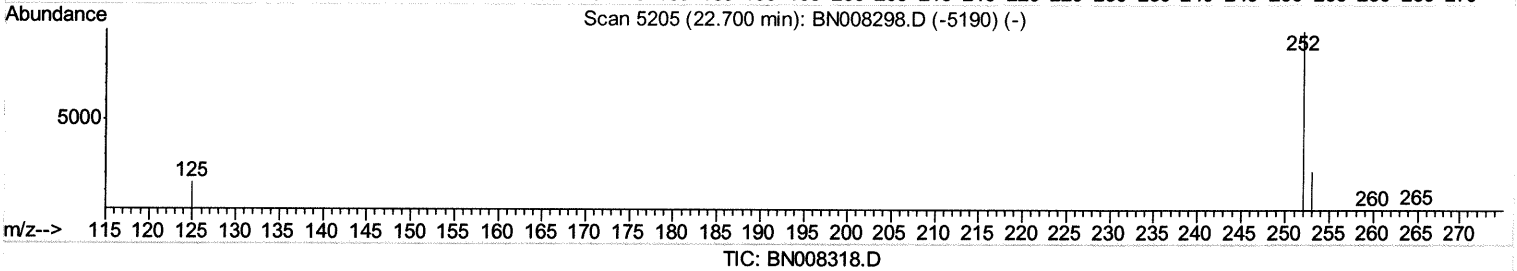
10/24/2019 8:05:12 AM







TIC: BN008318.D

(21) Benzo(b)fluoranthene

22.718min (+0.009) 31.13ng/ul

response 1379638

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.68
125.00	16.20	11.40
0.00	0.00	0.00

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Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102219\
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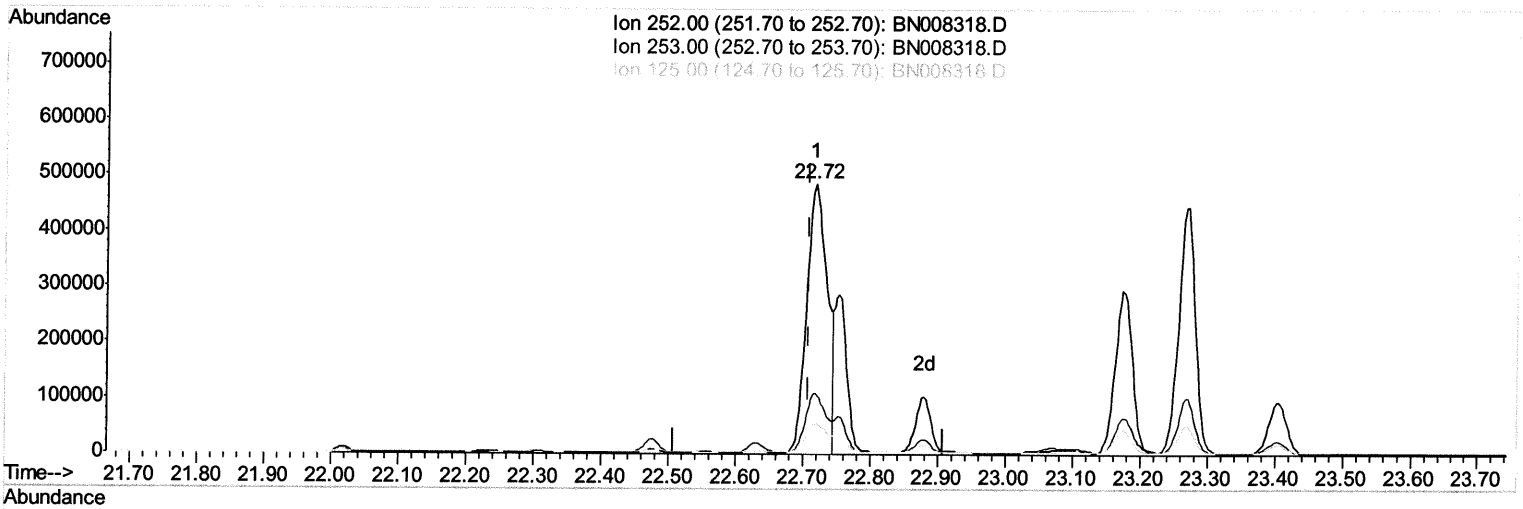
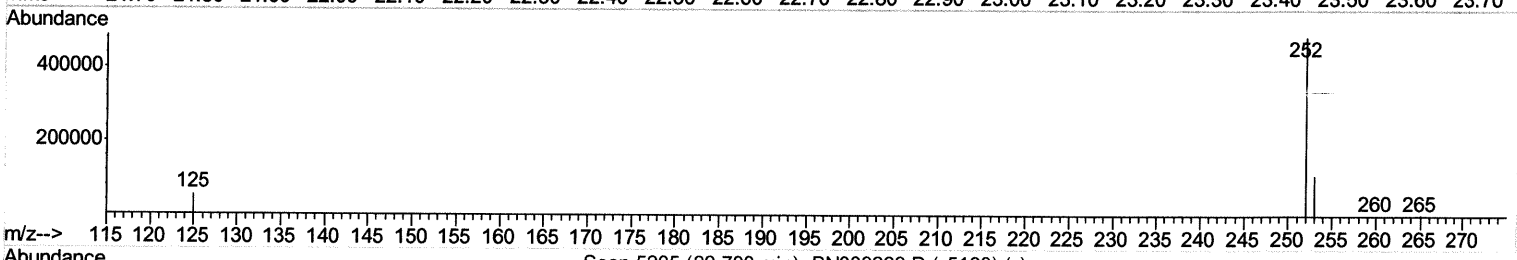
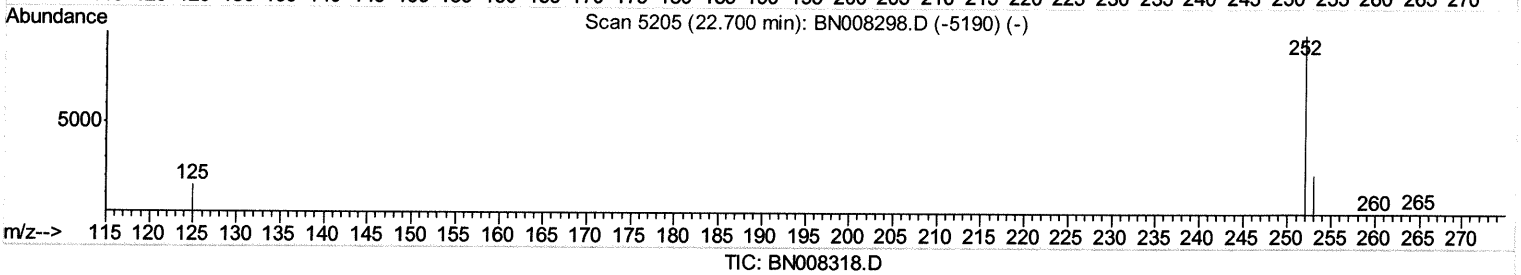
Manual Integrations APPROVED
mohammad
10/24/2019 8:05:12 AM







TIC: BN008318.D

(21) Benzo(b)fluoranthene

22.718min (+0.009) 23.37ng/ul m JU 10.23.19

response 1035800

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.68
125.00	16.20	11.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102219\
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Manual Integrations APPROVED
mohammad
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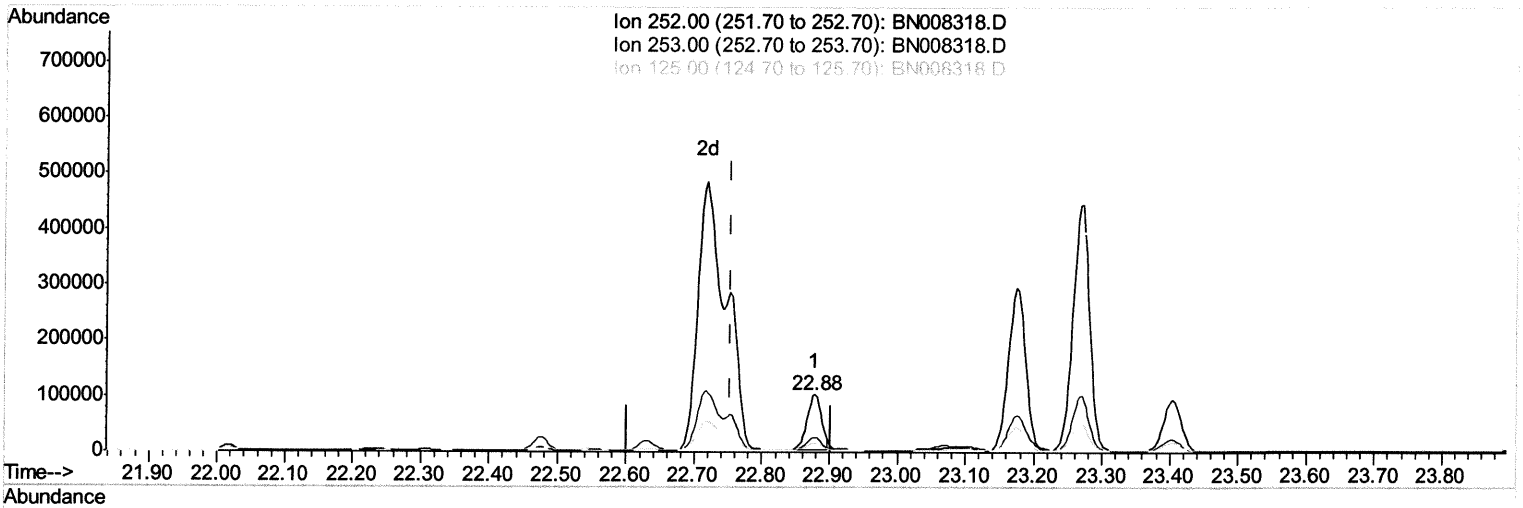

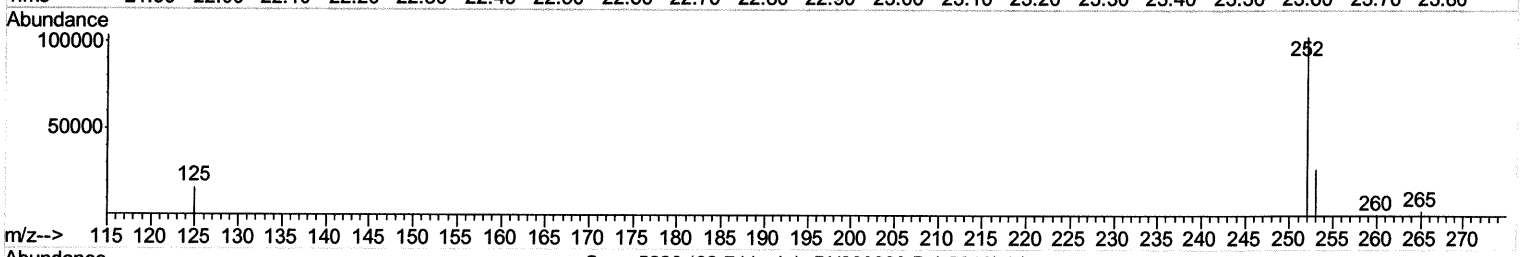

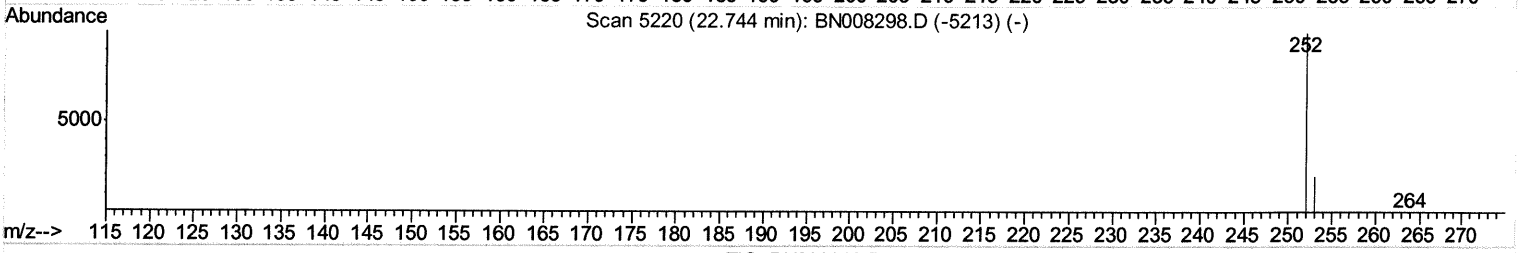

TIC: BN008318.D

(22) Benzo(k)fluoranthene

22.878min (+0.126) 2.92ng/ul

response 146556

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.33
125.00	15.40	15.72
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102219\
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Sample : K5199-12DL 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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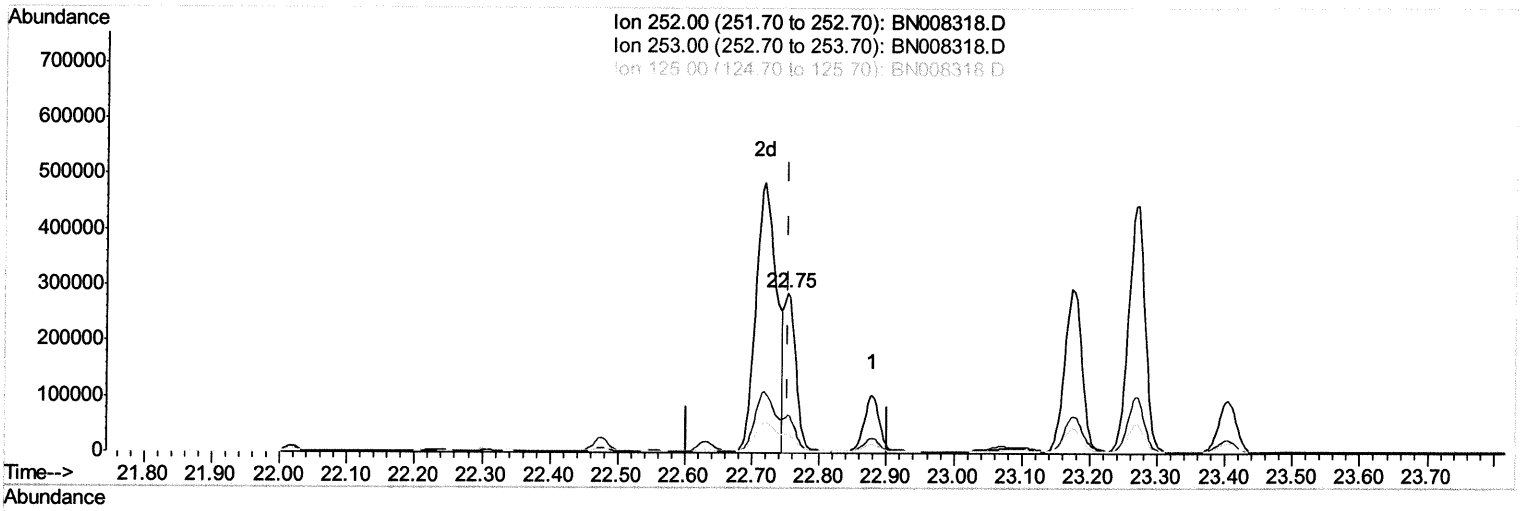
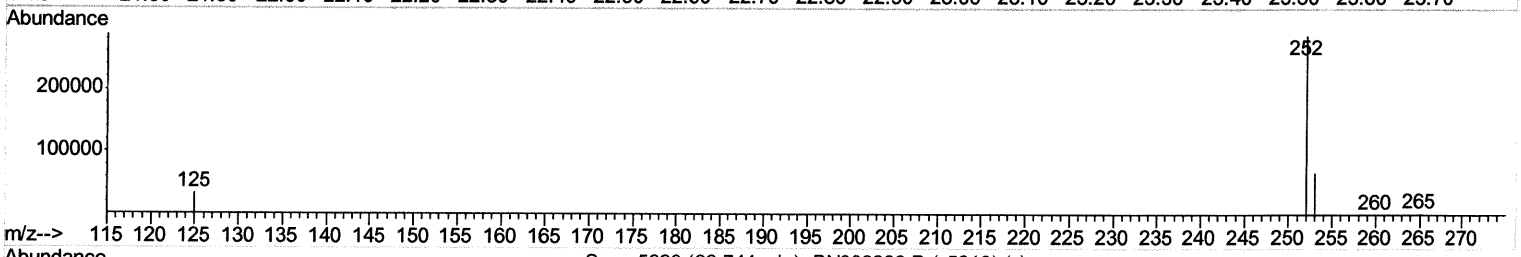
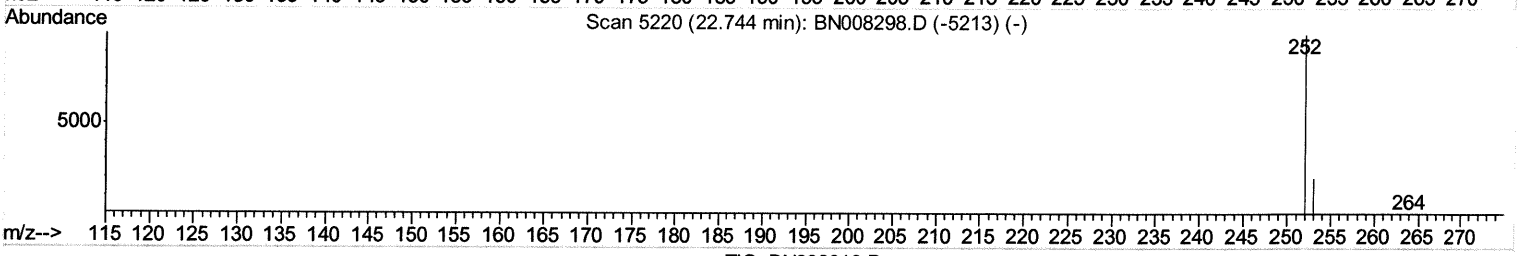
mohammad
10/24/2019 8:05:12 AM







TIC: BN008318.D

(22) Benzo(k)fluoranthene

22.753min (+0.000) 7.32ng/ul m JL 10-23-19

response 367476

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.56
125.00	15.40	11.61#
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	7.58	152	2183	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	10354	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	7043	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14134	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13008	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	13614	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2284	0.13	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	6934	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	15660	0.531	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	8899	0.440	ng/ul	100
7) Acenaphthylene	13.94	152	47406	1.413	ng/ul	99
8) Acenaphthene	14.28	153	23300	0.893	ng/ul	98
9) Fluorene	15.27	166	33144	1.119	ng/ul	97
11) Pentachlorophenol	16.63	266	404	0.118	ng/ul	92
12) Phenanthrene	17.01	178	664540	16.059	ng/ul	99
13) Anthracene	17.10	178	141476	3.885	ng/ul	99
15) Fluoranthene	19.04	202	1478813	27.058	ng/ul	99
17) Pyrene	19.40	202	1561144	30.142	ng/ul	98
18) Benzo(a)anthracene	21.17	228	946846	20.021	ng/ul	97
19) Chrysene	21.22	228	977385	16.840	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	1035800m	23.372	ng/ul	} JL 10-23-19
22) Benzo(k)fluoranthene	22.75	252	367476m	7.320	ng/ul	}
23) Benzo(a)pyrene	23.27	252	757088	16.234	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.52	276	423241	7.705	ng/ul	99
25) Dibenzo(a,h)anthracene	25.52	278	117977	2.717	ng/ul	99
26) Benzo(g,h,i)perylene	26.17	276	320376	6.361	ng/ul	99

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