Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008097.D
Acq On : 12 Oct 2019 04:01
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLM78

Manual Integrations APPROVED
mohammad
10/15/2019 7:57:55 AM

Quant Time: Oct 14 15:29:55 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 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3736	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	16765	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11537	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	24310m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	22770m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18540m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	5446	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	16118m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	1267	0.027	ng/ul#	78
5) 2-Methylnaphthalene	12.07	142	1041	0.032	ng/ul	97
11) Pentachlorophenol	16.67	266	204m	0.035	ng/ul	
12) Phenanthrene	17.05	178	5308m	0.075	ng/ul	
15) Fluoranthene	19.07	202	9887m	0.105	ng/ul	
17) Pyrene	19.44	202	8454m	0.093	ng/ul	
18) Benzo(a)anthracene	21.19	228	2972m	0.036	ng/ul	
19) Chrysene	21.24	228	6778m	0.067	ng/ul	

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

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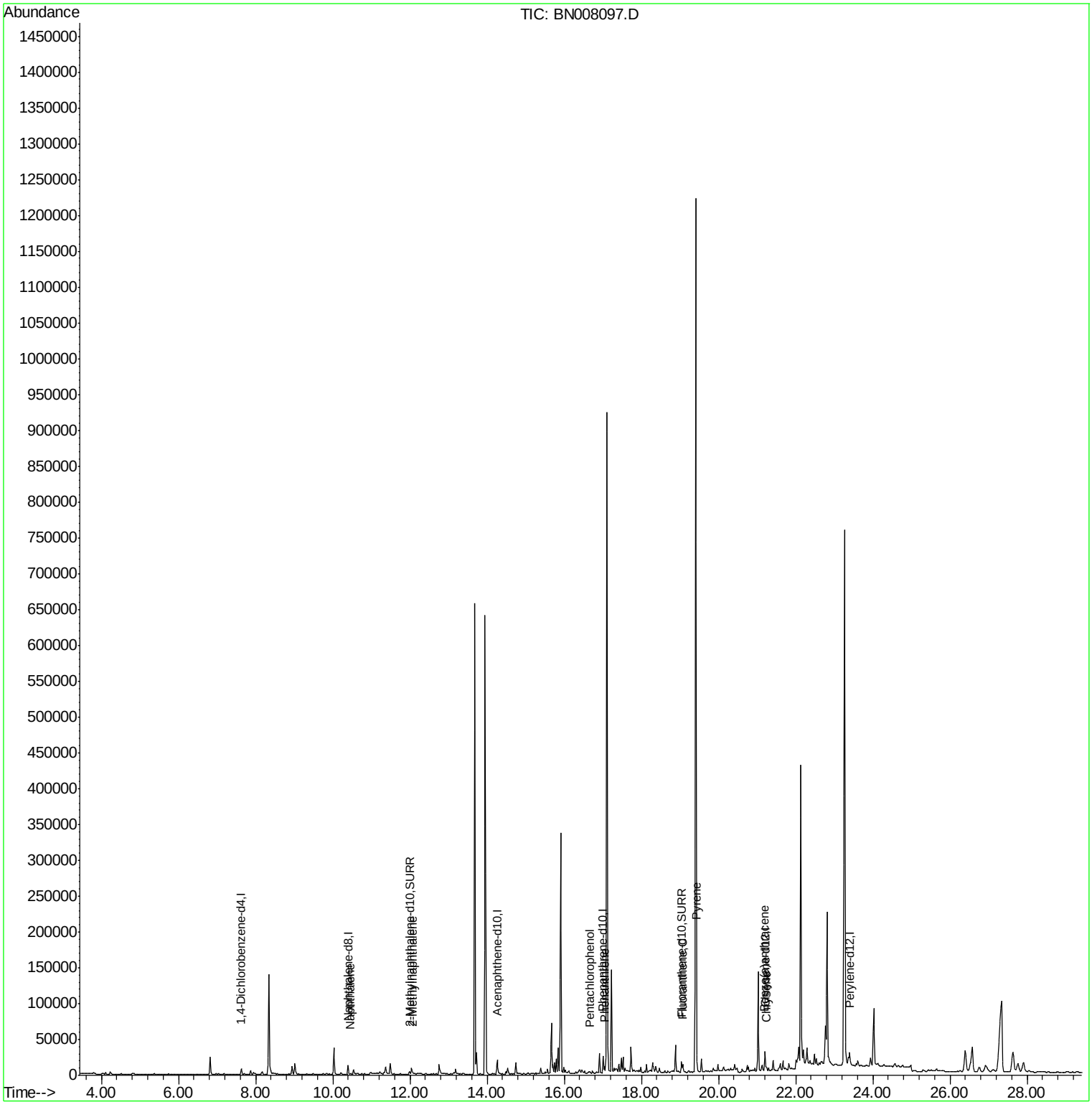

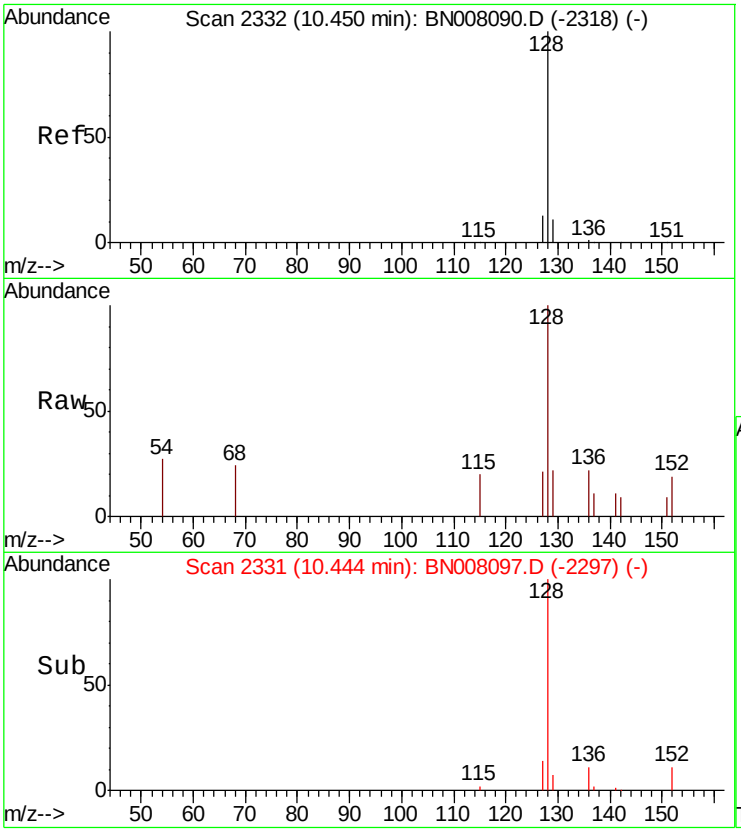

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:128 Resp: 1267

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.8	14.8#
127	21.5	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
JLM78

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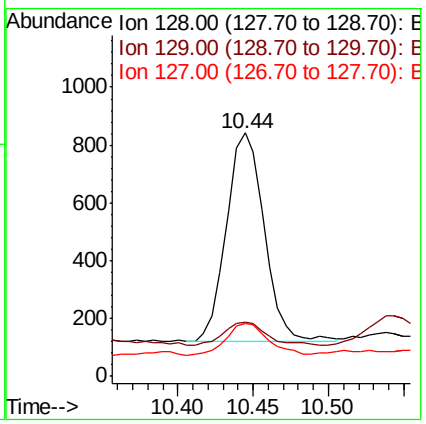
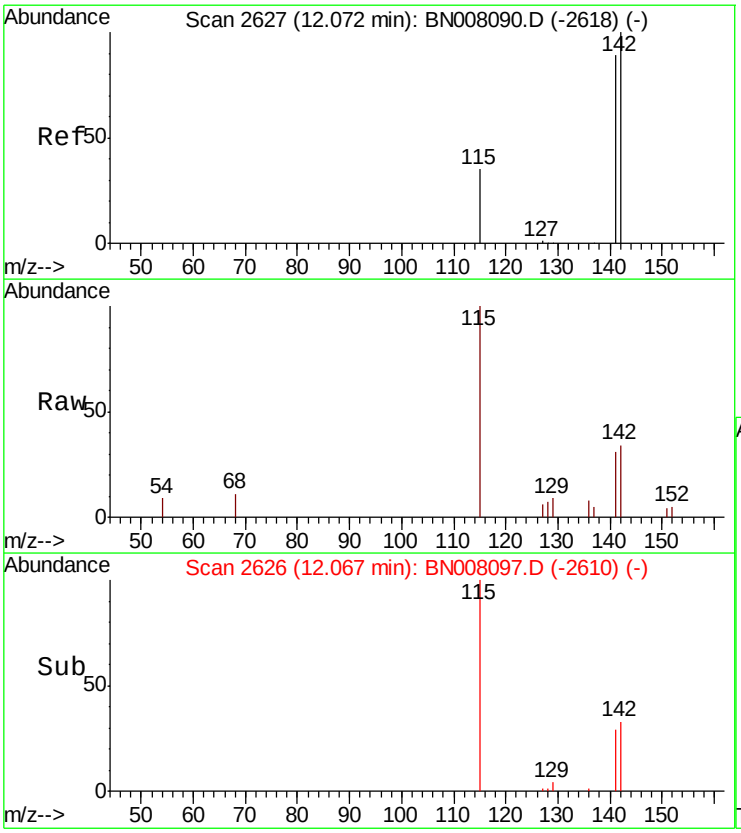
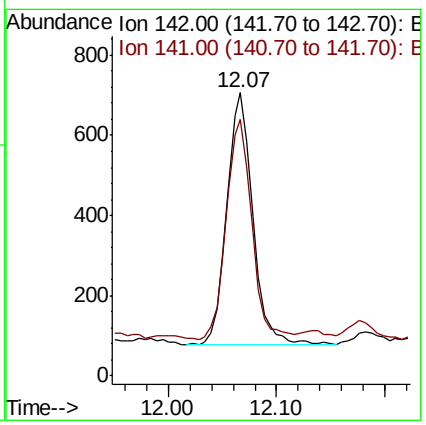


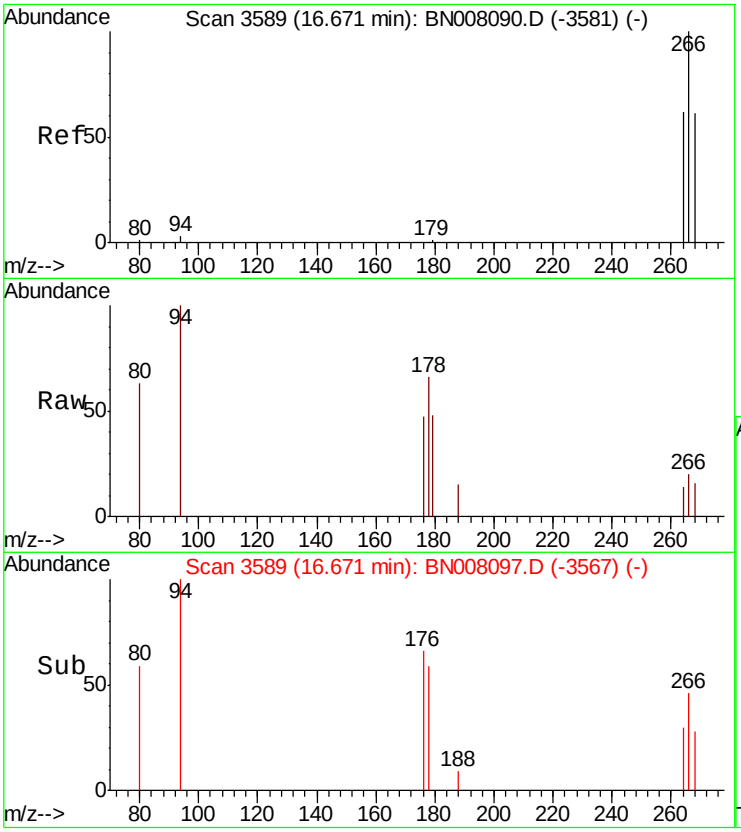


#5
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:142 Resp: 1041

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.4	107.2

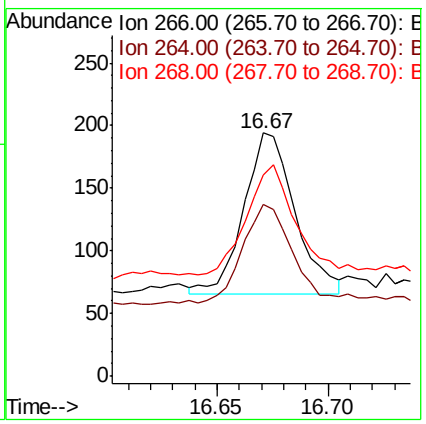




#11
Pentachlorophenol
Concen: 0.035 ng/ul m
RT: 16.67 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:266 Resp: 204

Ion	Ratio	Lower	Upper
266	100		
264	2.9	50.1	75.1#
268	2.0	51.9	77.9#



Instrument :
BNA_N
ClientSampleId :
JLM78

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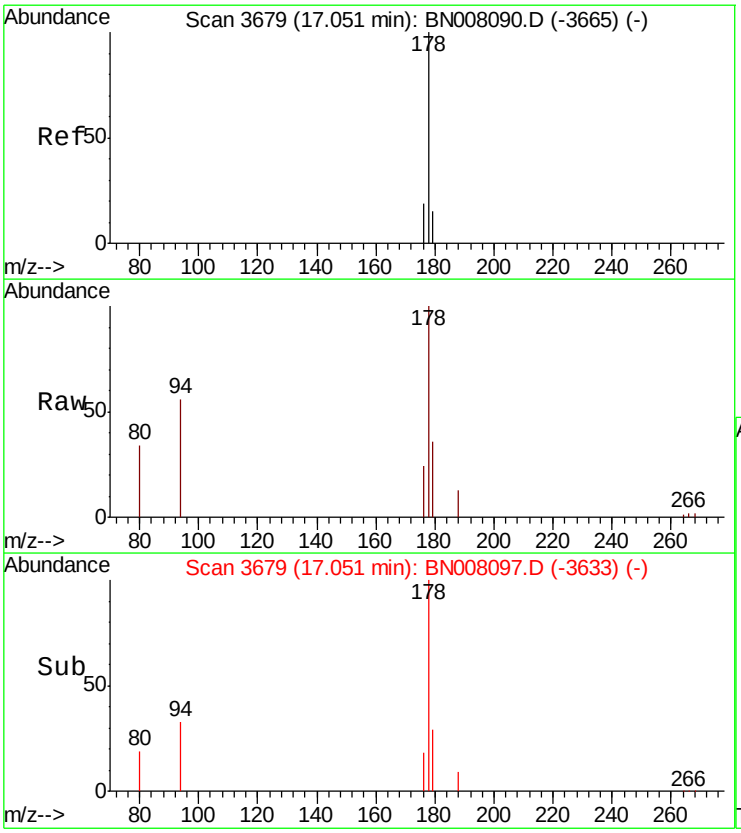
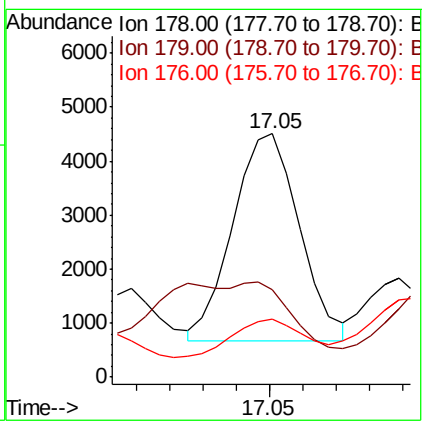
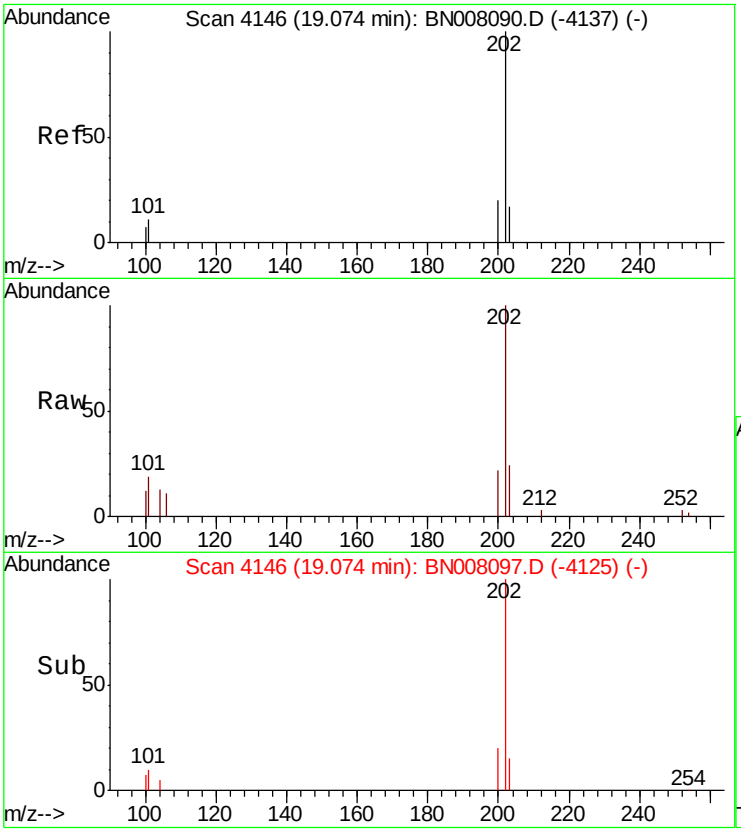


#12
Phenanthrene
Concen: 0.075 ng/ul m
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:178 Resp: 5308

Ion	Ratio	Lower	Upper
178	100		
179	35.7	12.8	19.2#
176	23.6	15.4	23.2#

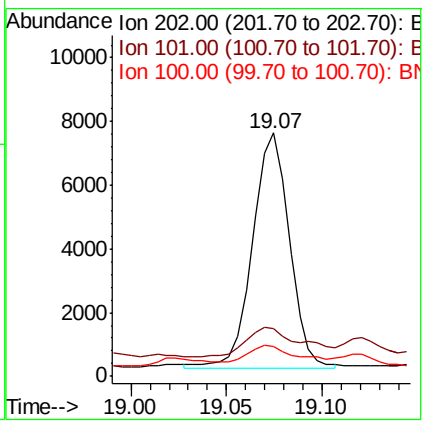




#15
Fluoranthene
Concen: 0.105 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

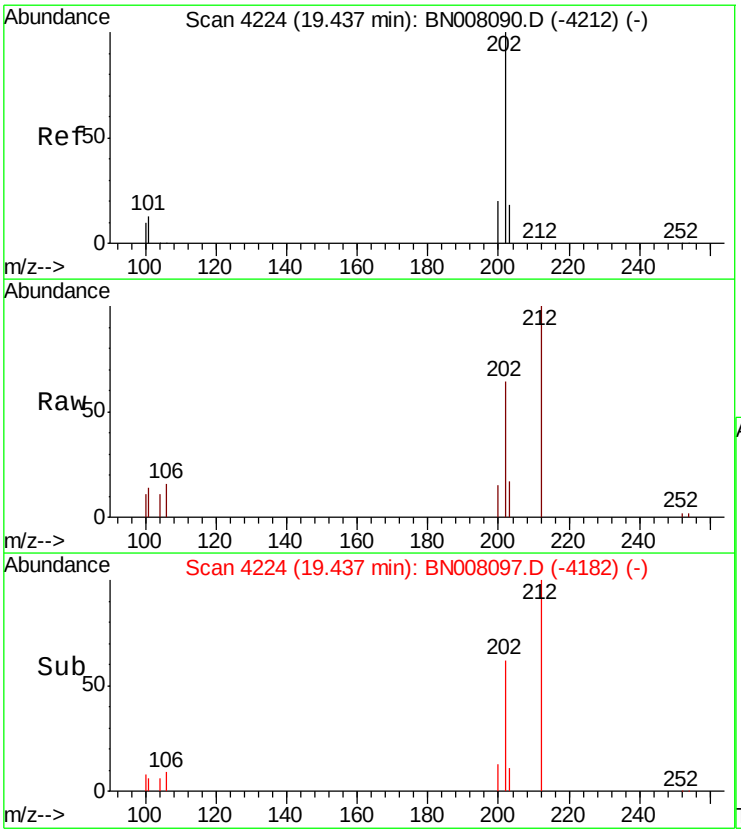
Tgt Ion:202 Resp: 9887

Ion	Ratio	Lower	Upper
202	100		
101	19.4	0.0	31.2
100	12.2	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
JLM78

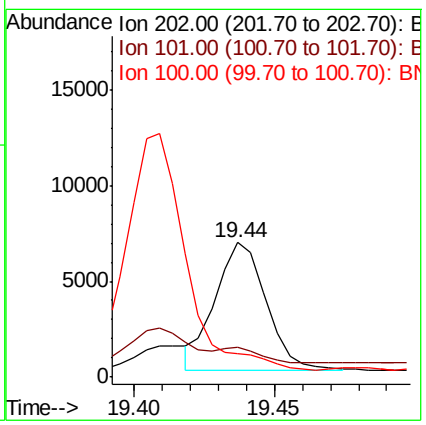
Manual Integrations APPROVED
mohammad
10/15/2019 7:57:55 AM

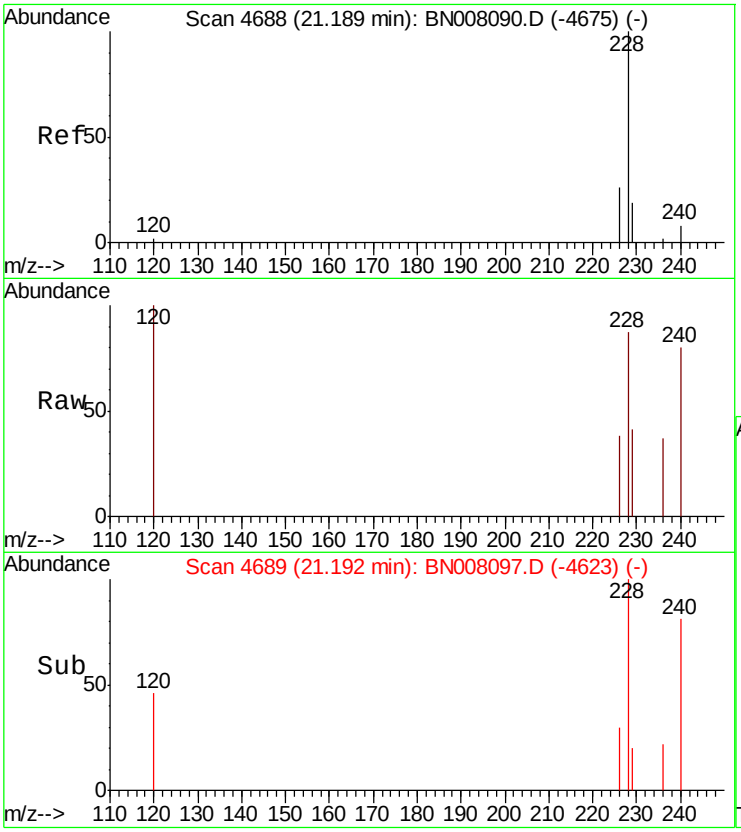


#17
Pyrene
Concen: 0.093 ng/ul m
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:202 Resp: 8454

Ion	Ratio	Lower	Upper
202	100		
101	22.4	10.9	16.3#
100	17.6	8.7	13.1#





#18
Benzo(a)anthracene
Concen: 0.036 ng/ul m
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:228 Resp: 2972

Ion	Ratio	Lower	Upper
228	100		
229	46.9	16.2	24.2#
226	44.4	21.4	32.0#

Instrument :
BNA_N
ClientSampleId :
JLM78

Manual Integrations APPROVED
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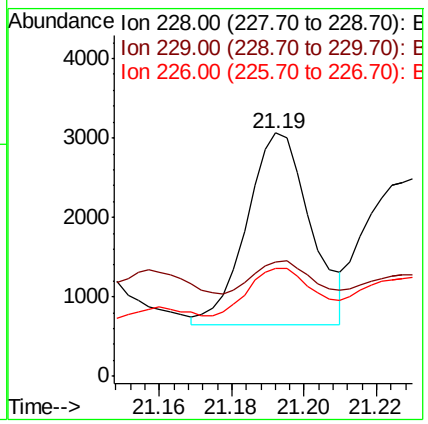

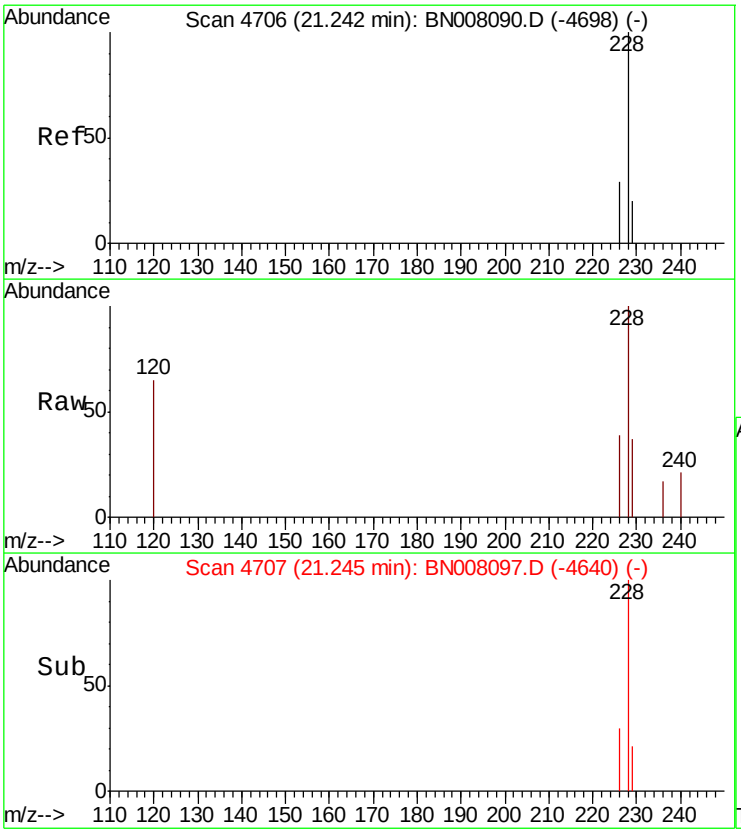

#19
Chrysene
Concen: 0.067 ng/ul m
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008097.D
Acq: 12 Oct 2019 04:01

Tgt Ion:228 Resp: 6778

Ion	Ratio	Lower	Upper
228	100		
226	39.4	24.1	36.1#
229	37.2	16.2	24.2#