Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

Quant Time: Feb 28 14:45:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	91551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	396064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	253272	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	550629	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	518080	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	581389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.60	99	7887m	1.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	5931	1.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	7472	1.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	4458	0.72	ng/ul	0.03
19) Nitrobenzene-d5	8.55	128	1949	0.67	ng/ul	0.02
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.86	165	5807m	0.95	ng/ul	0.09
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.46	166	27036	1.43	ng/ul	0.01
47) Acenaphthylene-d8	13.71	160	29551	1.33	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.04	176	26431	1.62	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.87	188	41739	1.65	ng/ul	0.00
79) Pyrene-d10	19.19	212	49874	1.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	51330	1.77	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.82	178	53120	1.690	ng/ul	98
72) Anthracene	16.91	178	1307919	40.714	ng/ul	100
75) Carbazole	17.20	167	147648	5.219	ng/ul#	97
77) Fluoranthene	18.85	202	84722	2.302	ng/ul	98
80) Pyrene	19.22	202	140863	3.771	ng/ul	95
83) Benzo(a)anthracene	20.99	228	112446	3.158	ng/ul	97
85) Chrysene	21.04	228	107493m	3.067	ng/ul	
88) Benzo(b)fluoranthene	22.49	252	539593	14.315	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	144289	4.043	ng/ul	97
91) Benzo(a)pyrene	23.02	252	247804	7.309	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	189894	4.718	ng/ul	95
93) Dibenzo(a,h)anthracene	25.14	278	44895	1.304	ng/ul#	91
94) Benzo(g,h,i)perylene	25.76	276	115841	3.432	ng/ul	97

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

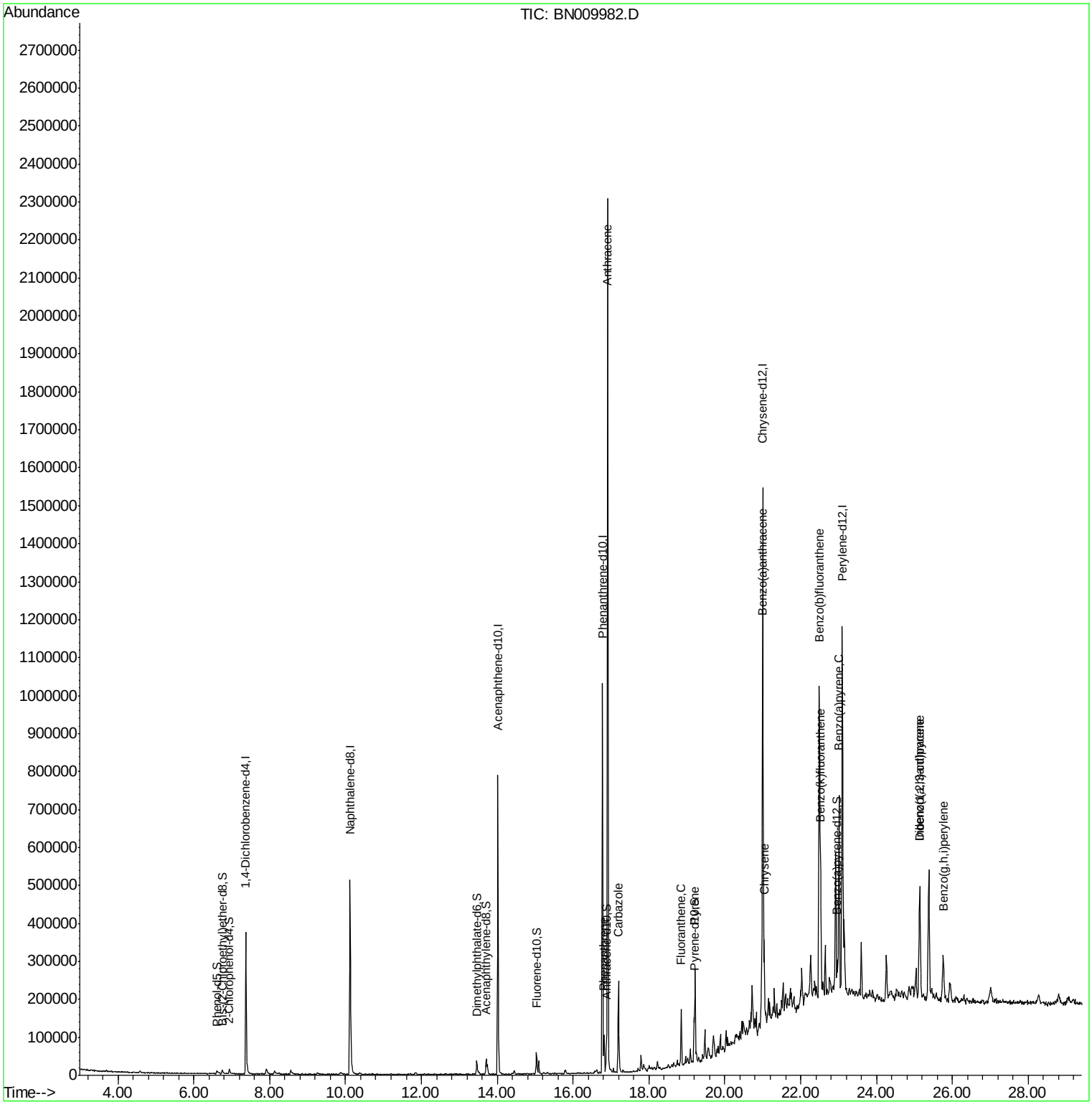
Quantitation Report (QT/LSC Reviewed)

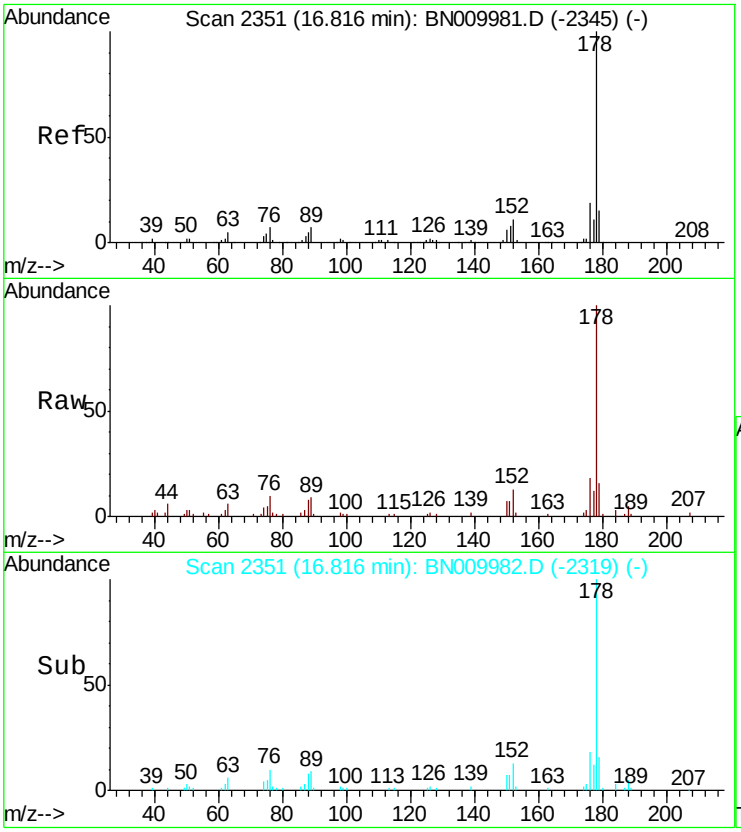
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 28 14:45:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

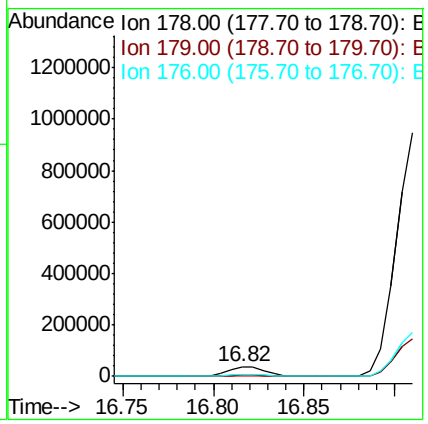




#70
Phenanthrene
Concen: 1.690 ng/ul
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

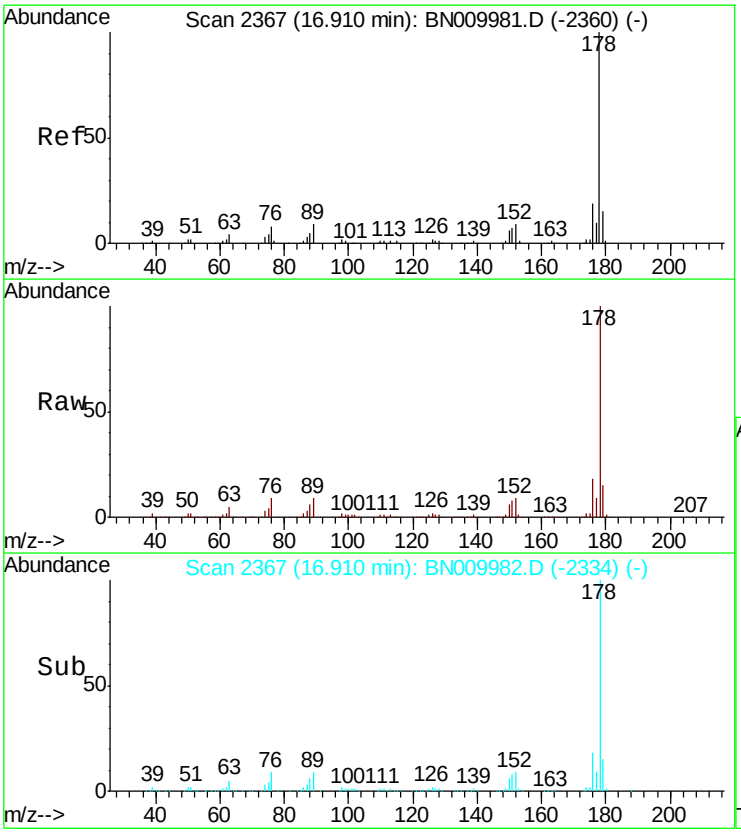
Tgt Ion:178 Resp: 53120

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.5	18.7
176	17.6	14.6	22.0



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

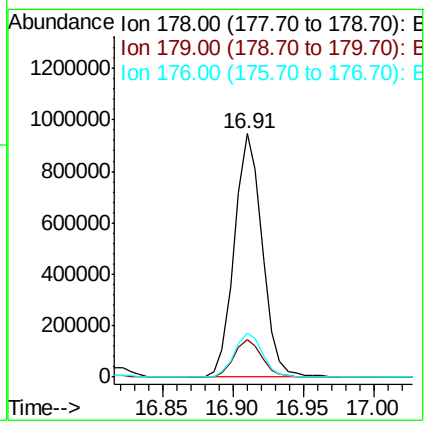
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

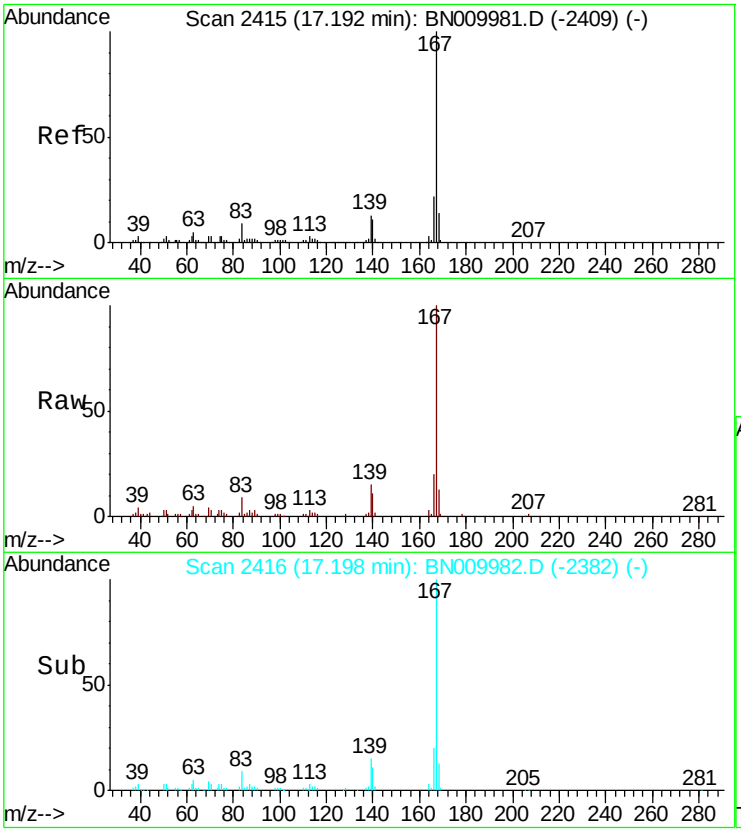


#72
Anthracene
Concen: 40.714 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:178 Resp: 1307919

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.3	14.6	21.8

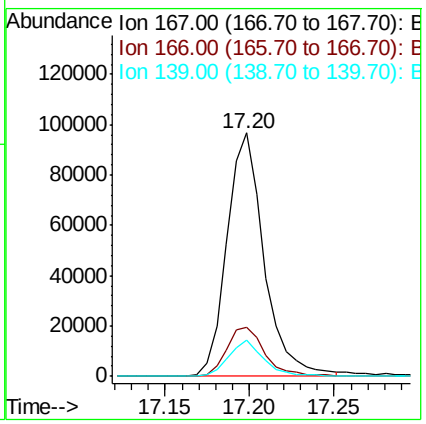




#75
Carbazole
Concen: 5.219 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

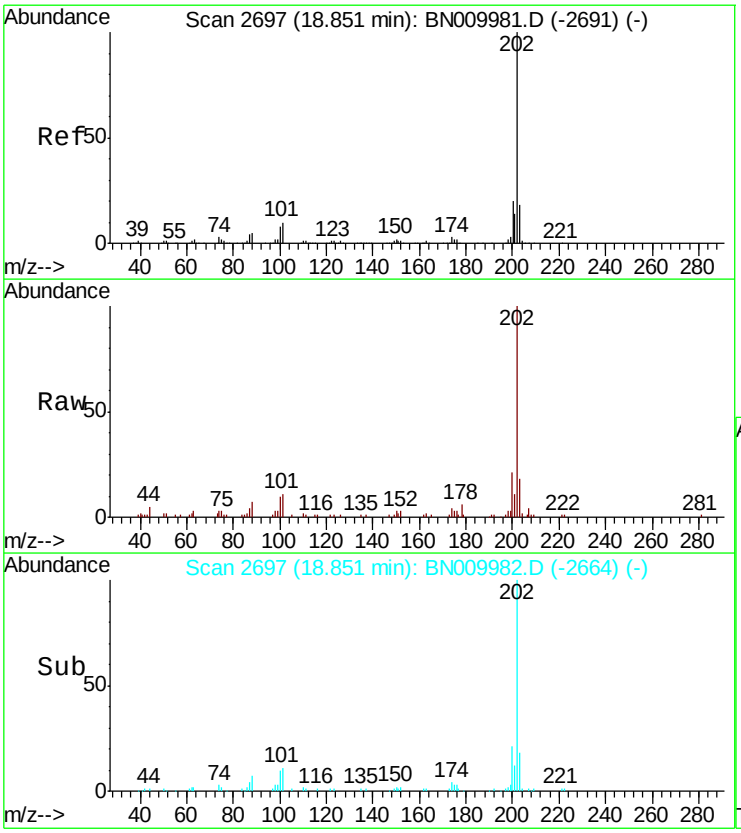
Tgt Ion:167 Resp: 147648

Ion	Ratio	Lower	Upper
167	100		
166	20.2	16.6	24.8
139	15.0	9.9	14.9#



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

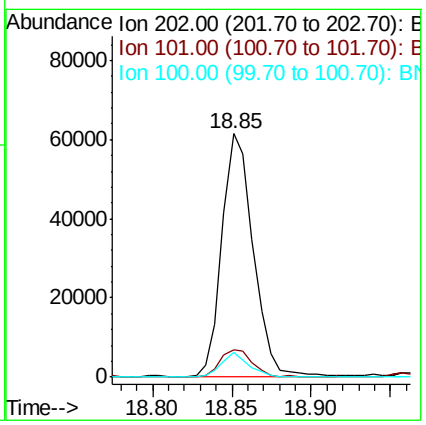
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

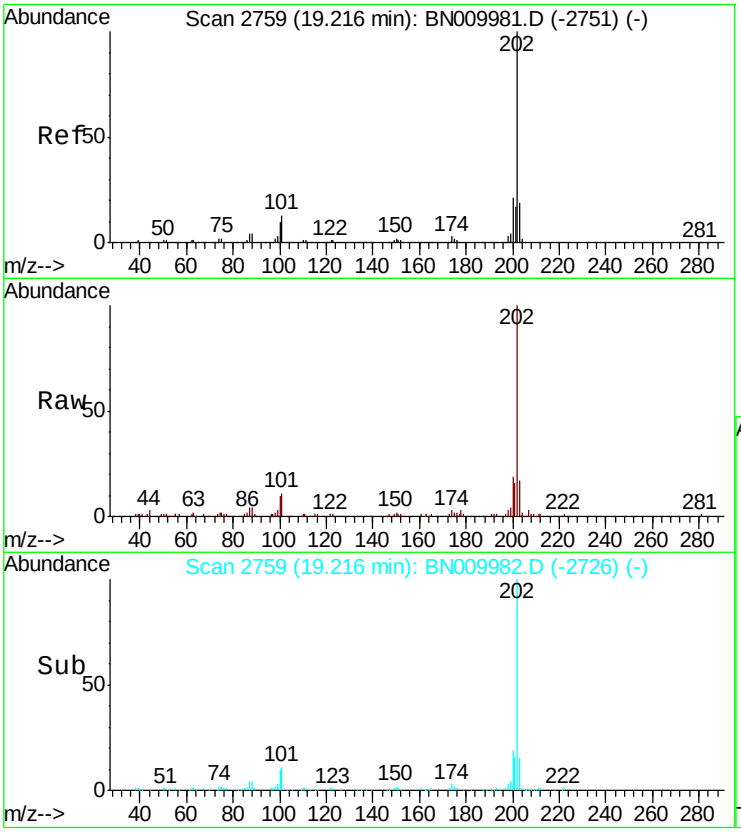


#77
Fluoranthene
Concen: 2.302 ng/ul
RT: 18.85 min Scan# 2697
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:202 Resp: 84722

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	9.9	7.2	10.8

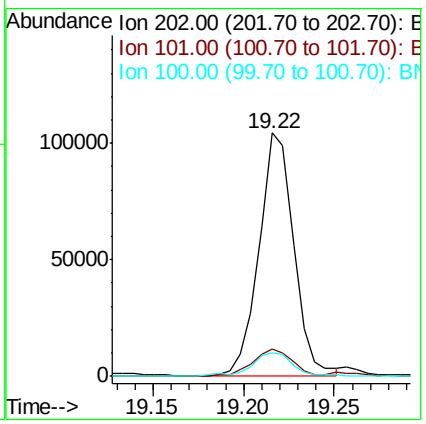




#80
Pyrene
Concen: 3.771 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

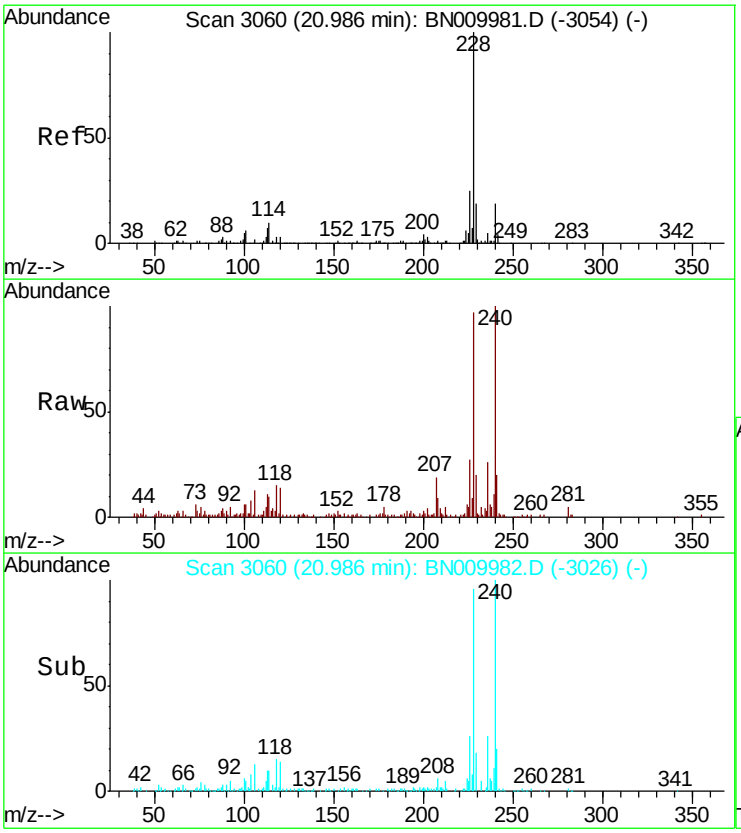
Tgt Ion:202 Resp: 140863

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.3	16.9
100	9.9	9.0	13.6



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

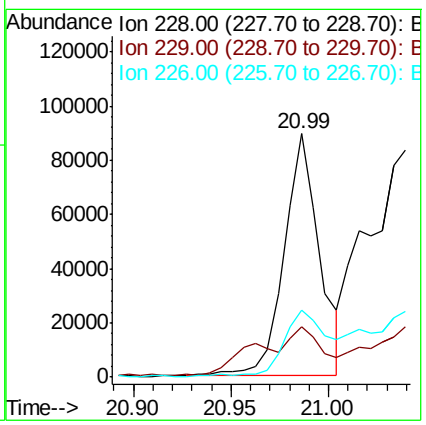
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

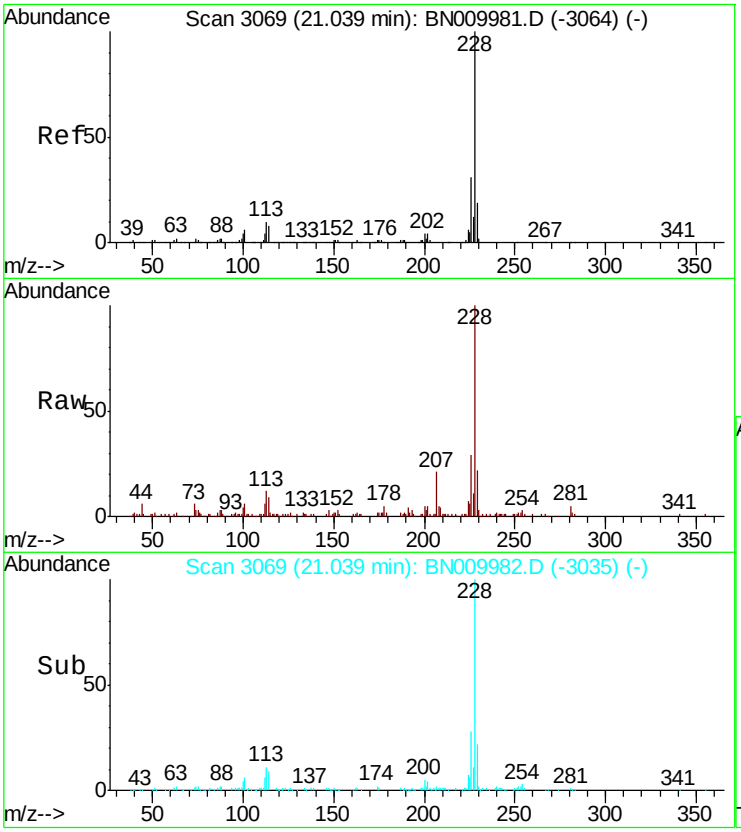


#83
Benzo(a)anthracene
Concen: 3.158 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:228 Resp: 112446

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.0	22.4
226	27.8	21.4	32.2

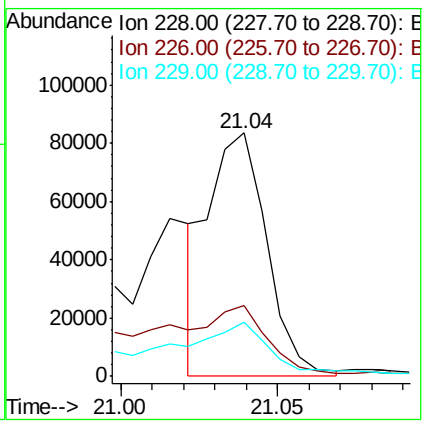




#85
Chrysene
Concen: 3.067 ng/ul m
RT: 21.04 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

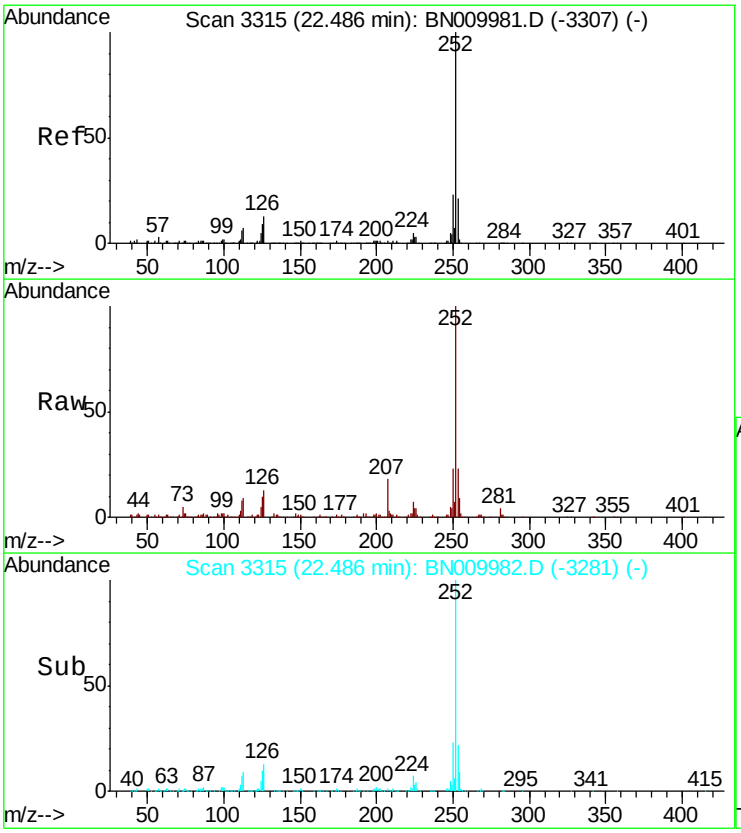
Tgt Ion:228 Resp: 107493

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	22.4	15.0	22.4#



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

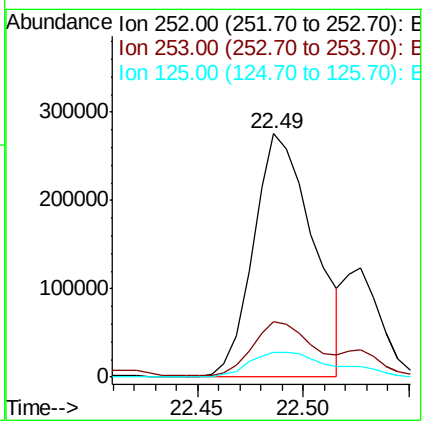
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

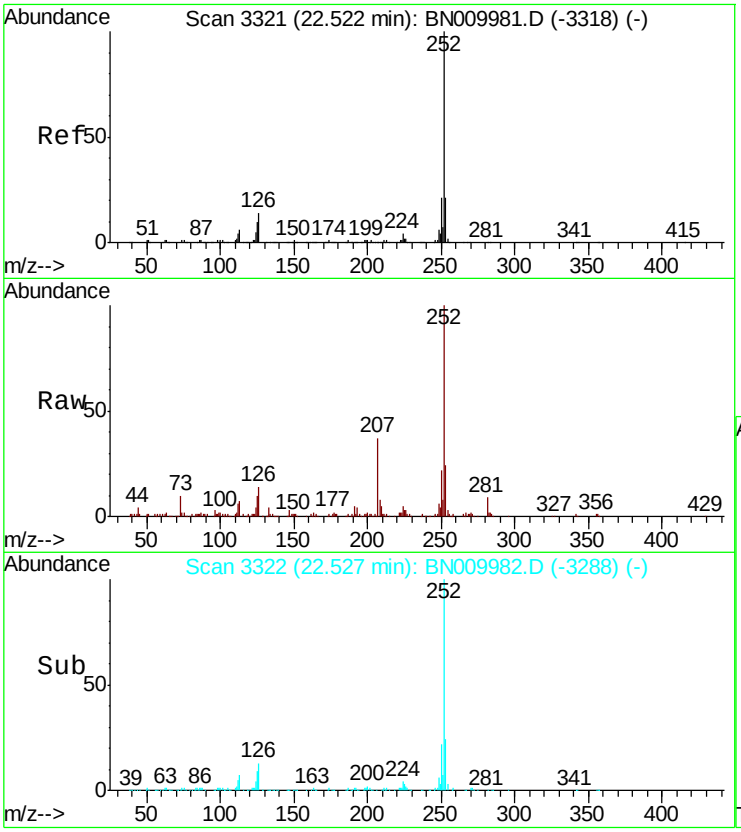


#88
Benzo(b)fluoranthene
Concen: 14.315 ng/ul
RT: 22.49 min Scan# 3315
Delta R.T. 0.00 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:252 Resp: 539593

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	10.3	8.0	12.0

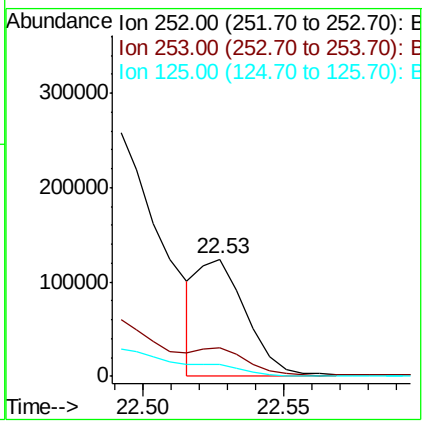




#89
Benzo(k)fluoranthene
Concen: 4.043 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

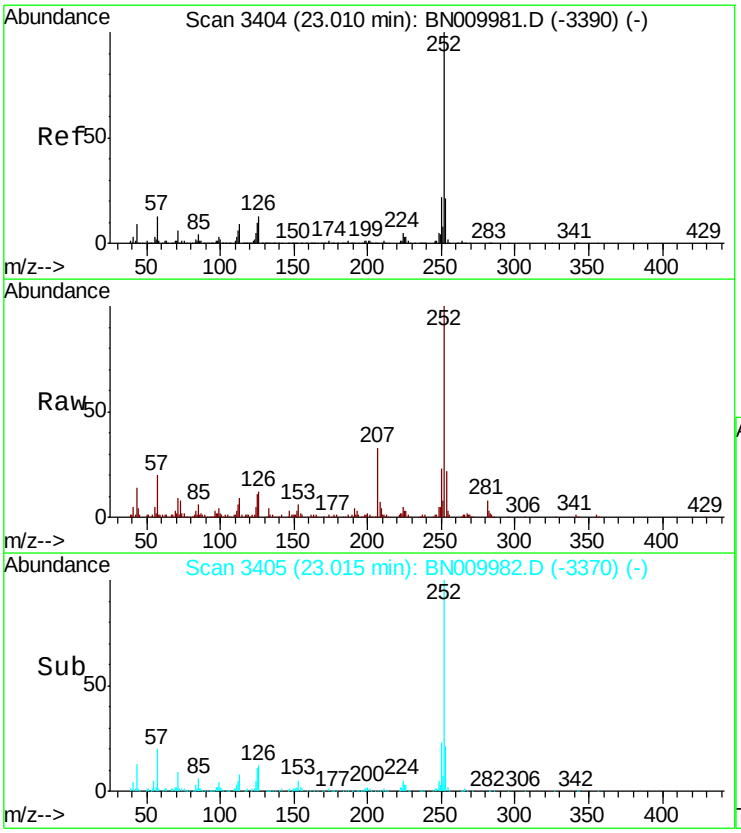
Tgt Ion:252 Resp: 144289

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	9.9	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

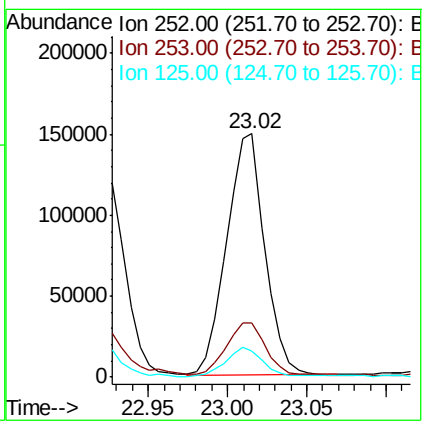
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

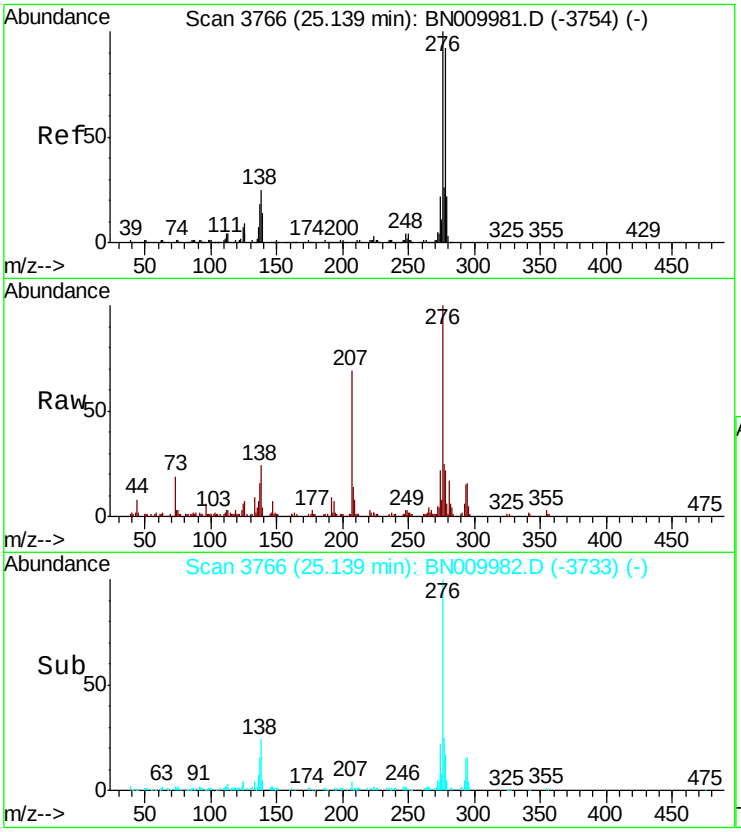


#91
Benzo(a)pyrene
Concen: 7.309 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:252 Resp: 247804

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.8	9.0	13.6

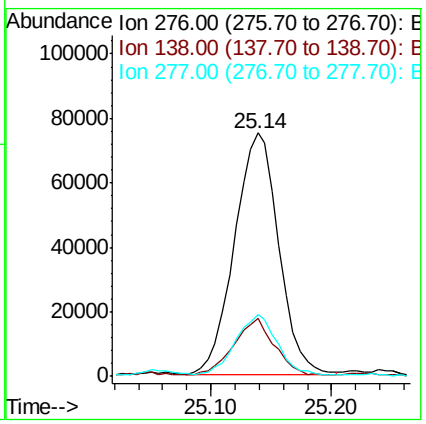




#92
Indeno(1,2,3-cd)pyrene
Concen: 4.718 ng/ul
RT: 25.14 min Scan# 3766
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

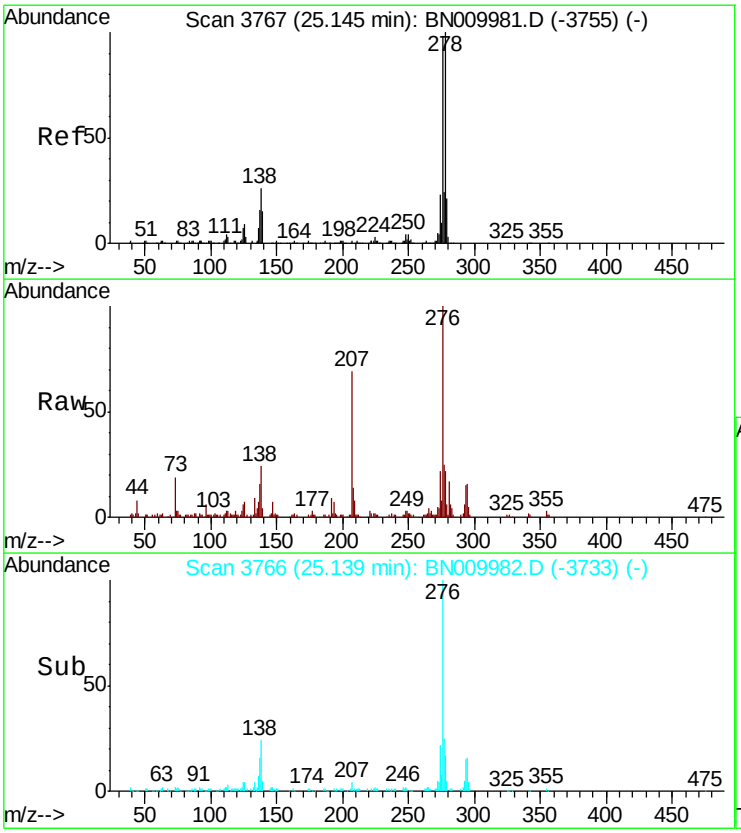
Tgt Ion:276 Resp: 189894

Ion	Ratio	Lower	Upper
276	100		
138	23.6	20.9	31.3
277	25.2	18.2	27.4



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

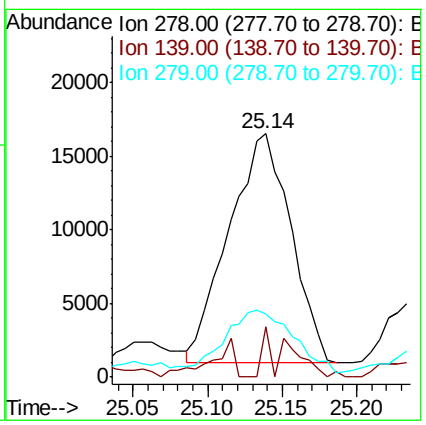
Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

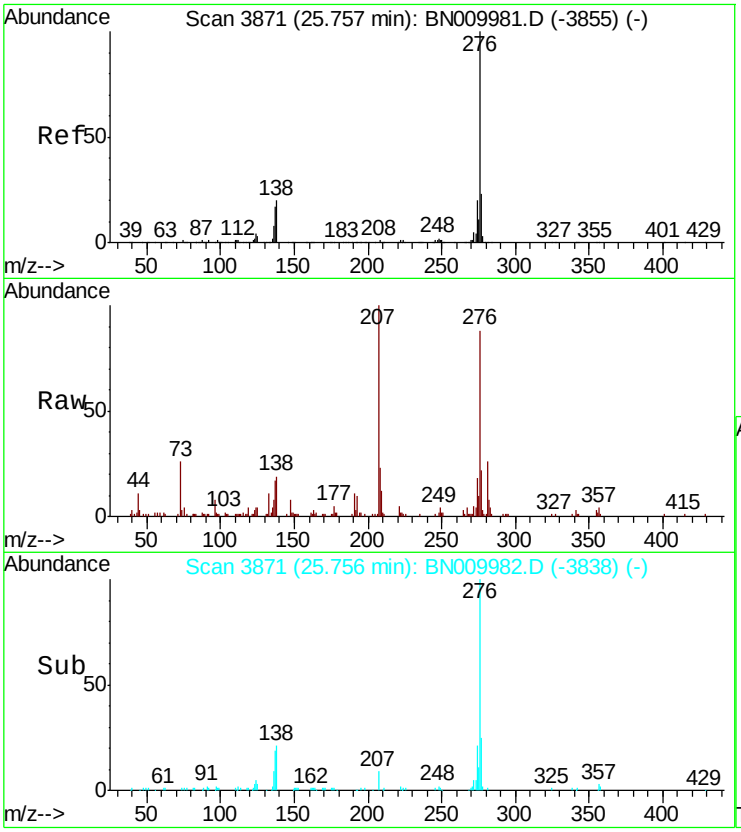


#93
Dibenzo(a,h)anthracene
Concen: 1.304 ng/ul
RT: 25.14 min Scan# 3766
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:278 Resp: 44895

Ion	Ratio	Lower	Upper
278	100		
139	20.5	13.0	19.4#
279	25.7	17.5	26.3

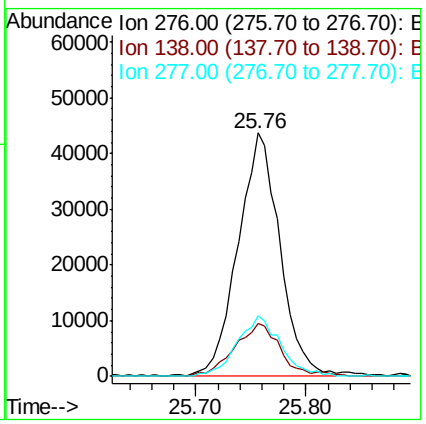




#94
Benzo(g,h,i)perylene
Concen: 3.432 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BN009982.D
Acq: 28 Feb 2020 10:34

Tgt Ion:276 Resp: 115841

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.5	26.3
277	24.8	18.1	27.1



Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM