Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028780.D
Acq On : 17 Feb 2021 20:05
Operator : CG/JU
Sample : M1379-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGY8

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:20 PM

Quant Time: Feb 18 04:46:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 04:11:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	490	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1942	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1098	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2272	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	2684	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	2067	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	494	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1100	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	659	0.136	ng/ul#	83
5) 2-Methylnaphthalene	12.36	142	453	0.140	ng/ul	99
7) Acenaphthylene	14.26	152	1081	0.241	ng/ul#	92
8) Acenaphthene	14.60	153	1946	0.548	ng/ul	99
9) Fluorene	15.59	166	5880	1.491	ng/ul	97
11) Pentachlorophenol	16.94	266	19	0.032	ng/ul	94
12) Phenanthrene	17.31	178	51465	8.104	ng/ul	94
13) Anthracene	17.41	178	4493	0.742	ng/ul	97
15) Fluoranthene	19.32	202	68160	9.429	ng/ul	93
17) Pyrene	19.68	202	77839	7.982	ng/ul	95
18) Benzo(a)anthracene	21.41	228	8146	0.889	ng/ul	96
19) Chrysene	21.46	228	9970	1.095	ng/ul	95
21) Benzo(b)fluoranthene	22.98	252	8151m	1.152	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	2746m	0.389	ng/ul	
23) Benzo(a)pyrene	23.56	252	2733	0.434	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.91	276	2363	0.288	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.91	278	673	0.098	ng/ul#	6
26) Benzo(g,h,i)perylene	26.60	276	2094	0.307	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
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Manual Integrations APPROVED
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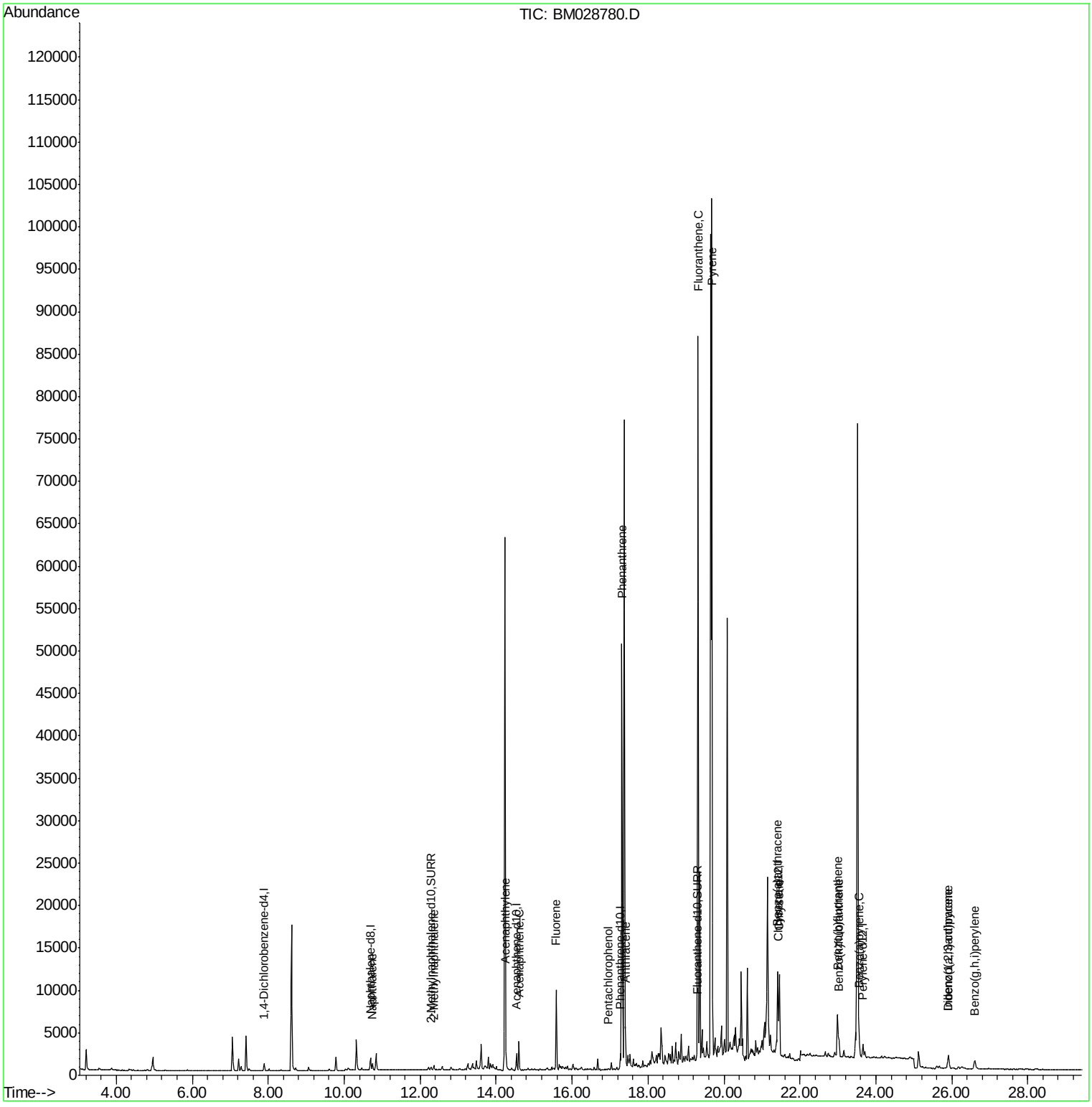

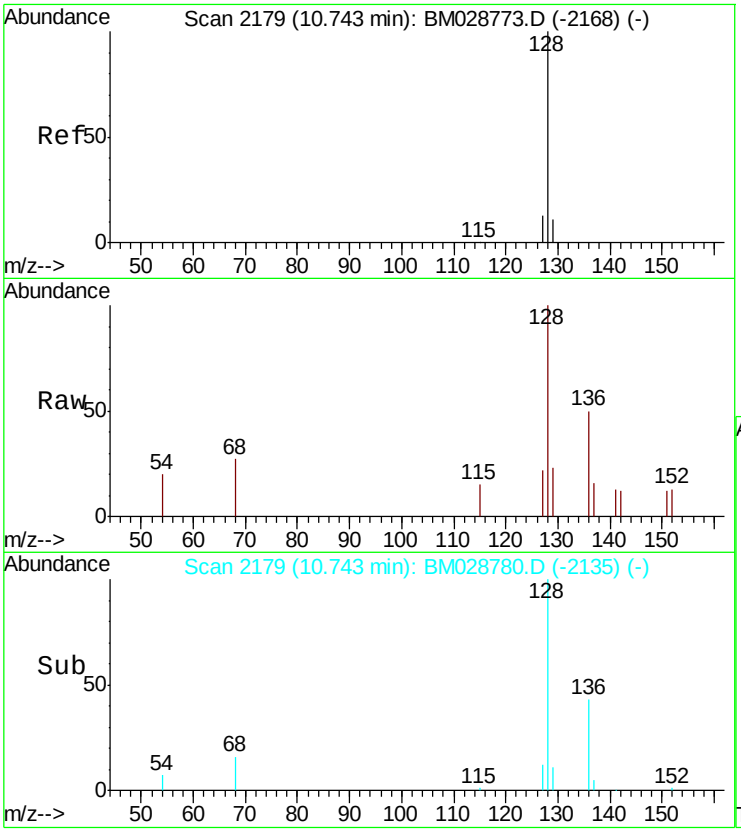

#3
Naphthalene
Concen: 0.136 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:128 Resp: 659

Ion	Ratio	Lower	Upper
128	100		
129	22.9	11.4	17.2#
127	22.4	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
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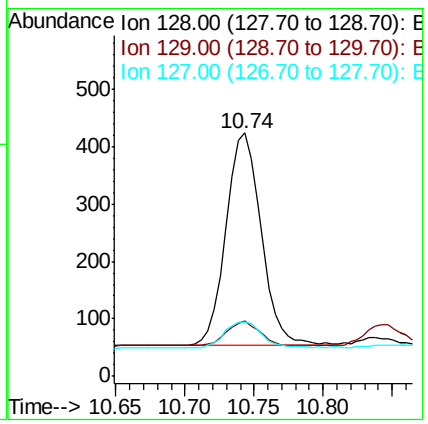
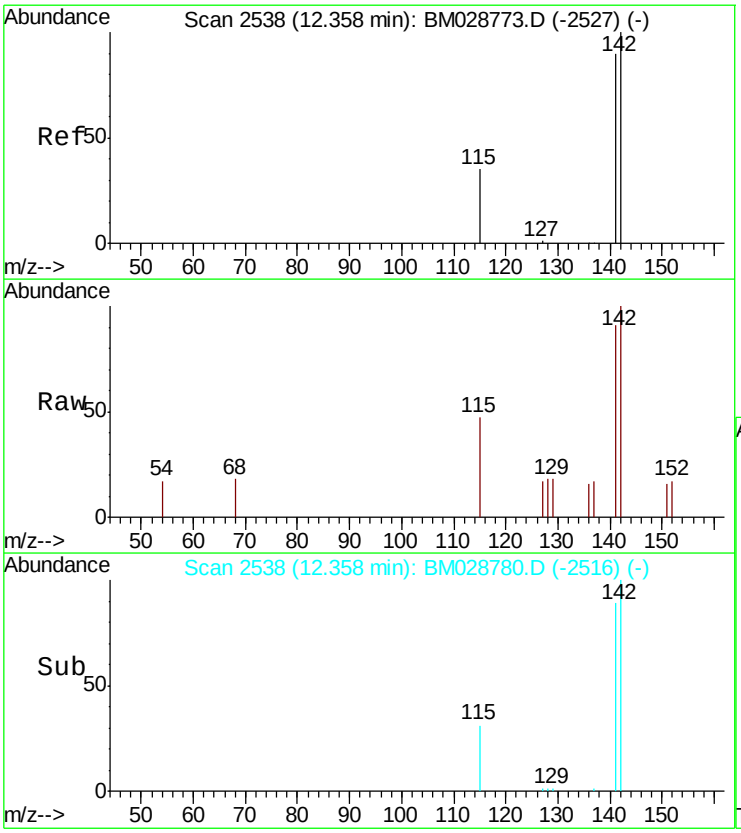
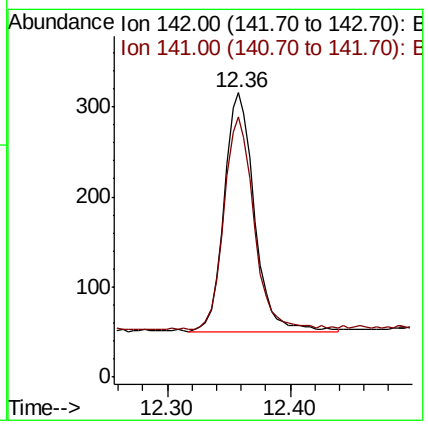


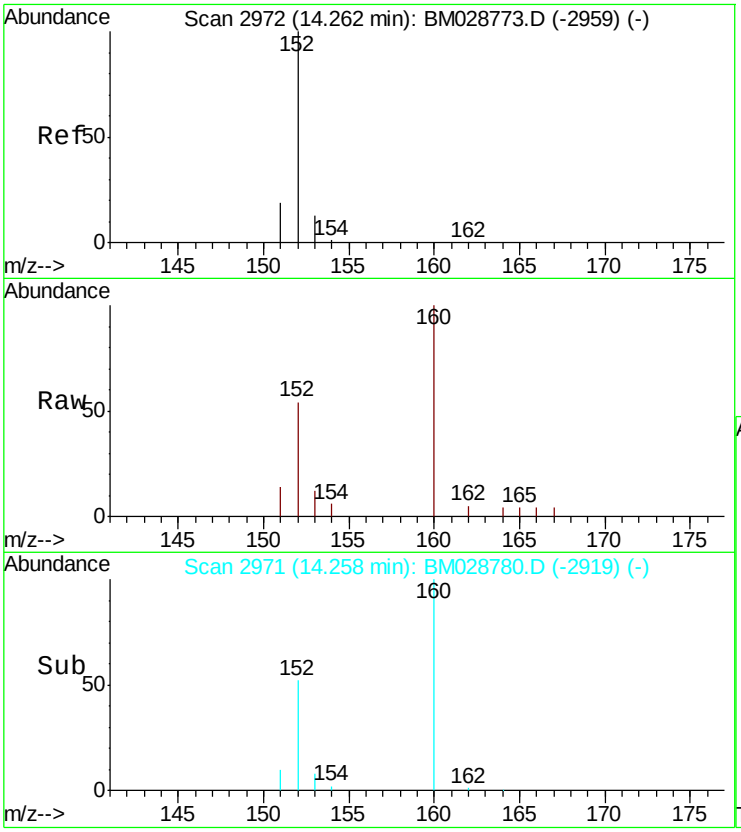


#5
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 12.36 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:142 Resp: 453

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.4





#7
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.26 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:152 Resp: 1081

Ion	Ratio	Lower	Upper
152	100		
151	25.2	18.0	27.0
153	21.7	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
DBGY8

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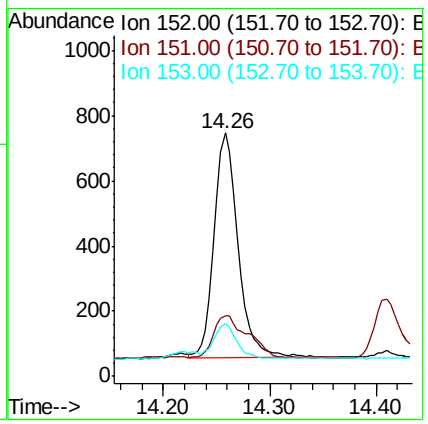
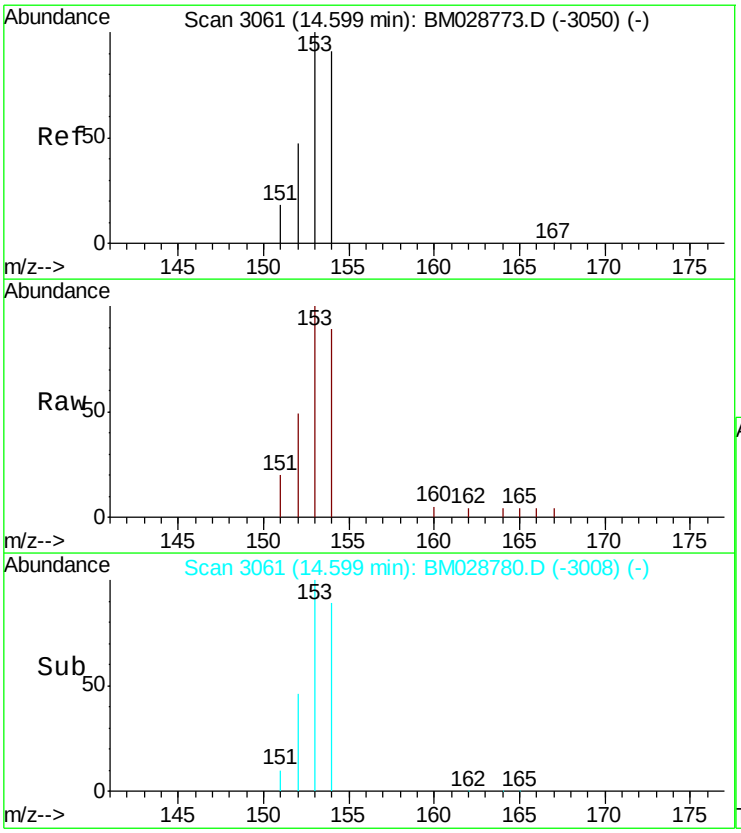
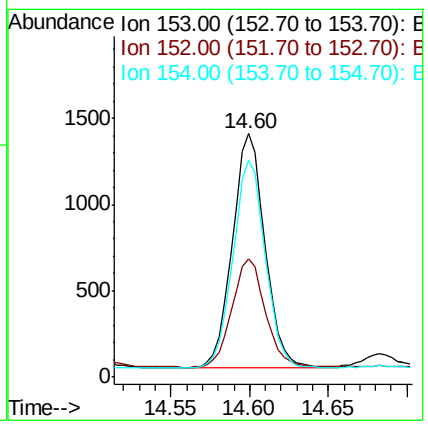


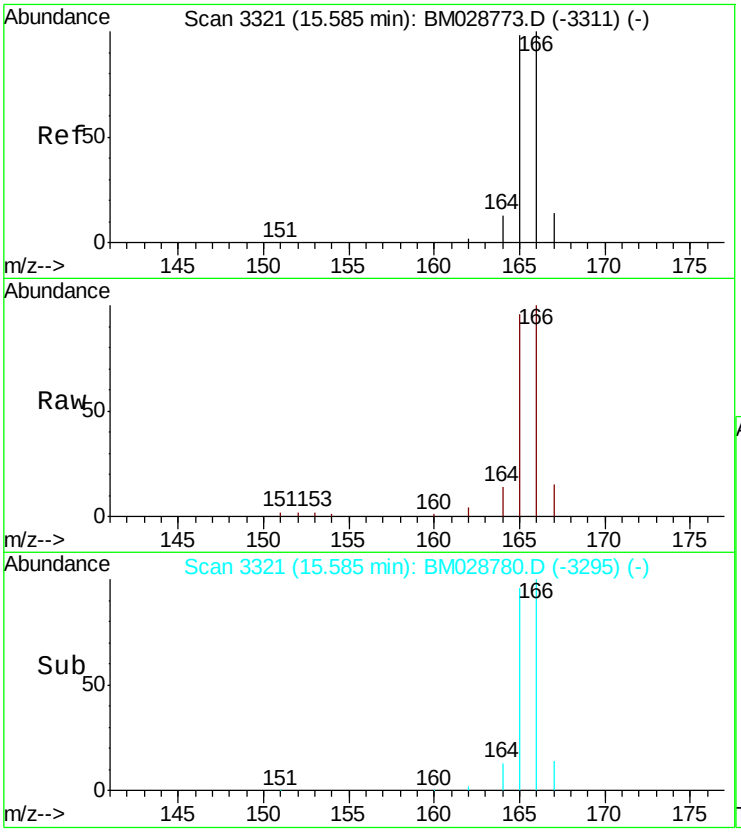


#8
Acenaphthene
Concen: 0.548 ng/ul
RT: 14.60 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:153 Resp: 1946

Ion	Ratio	Lower	Upper
153	100		
152	48.5	39.6	59.4
154	88.8	70.3	105.5





#9
Fluorene
Concen: 1.491 ng/ul
RT: 15.59 min Scan# 3321
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:166 Resp: 5880

Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.6	119.4
167	15.2	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
DBGY8

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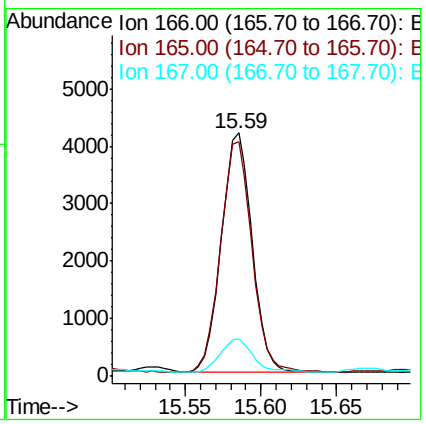
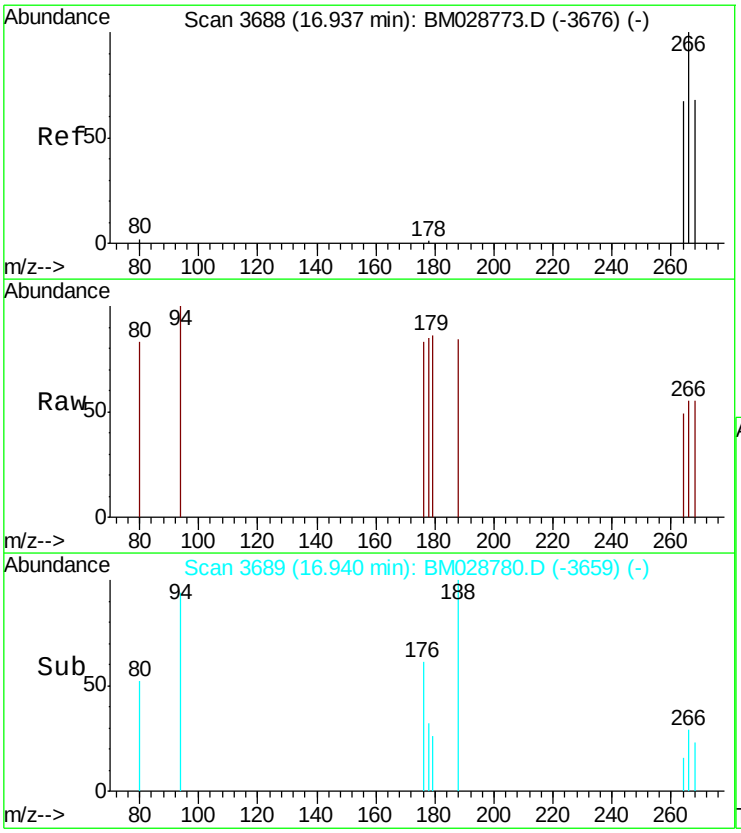
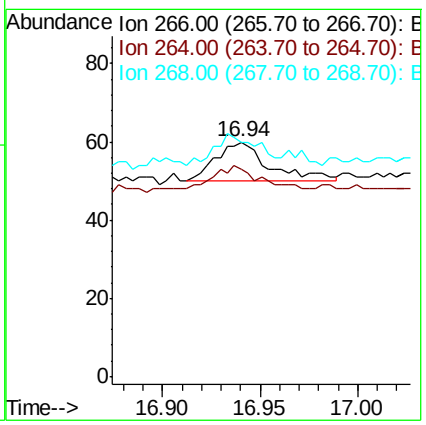


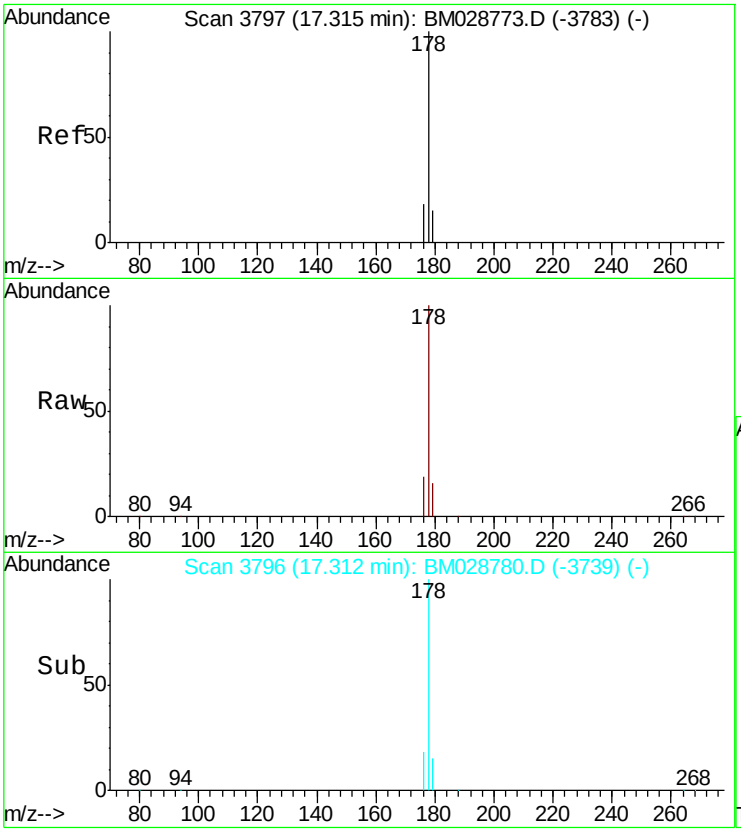


#11
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.94 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	57.9	51.0	76.4
268	63.2	53.0	79.4

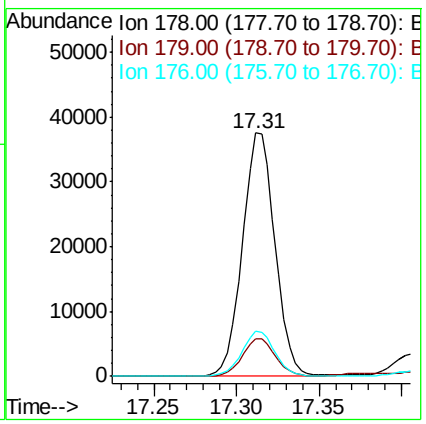




#12
Phenanthrene
Concen: 8.104 ng/ul
RT: 17.31 min Scan# 3796
Delta R.T. -0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:178 Resp: 51465

Ion	Ratio	Lower	Upper
178	100		
179	15.6	14.7	22.1
176	18.6	16.7	25.1



Instrument :
BNA_M
ClientSampleId :
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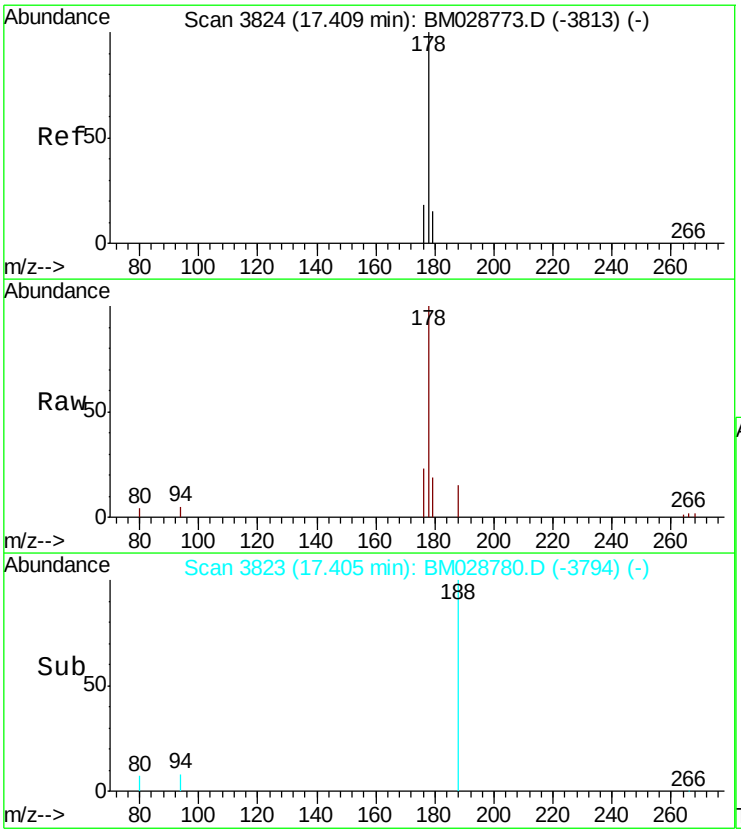
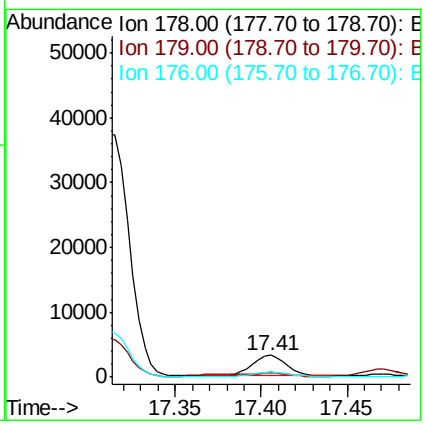
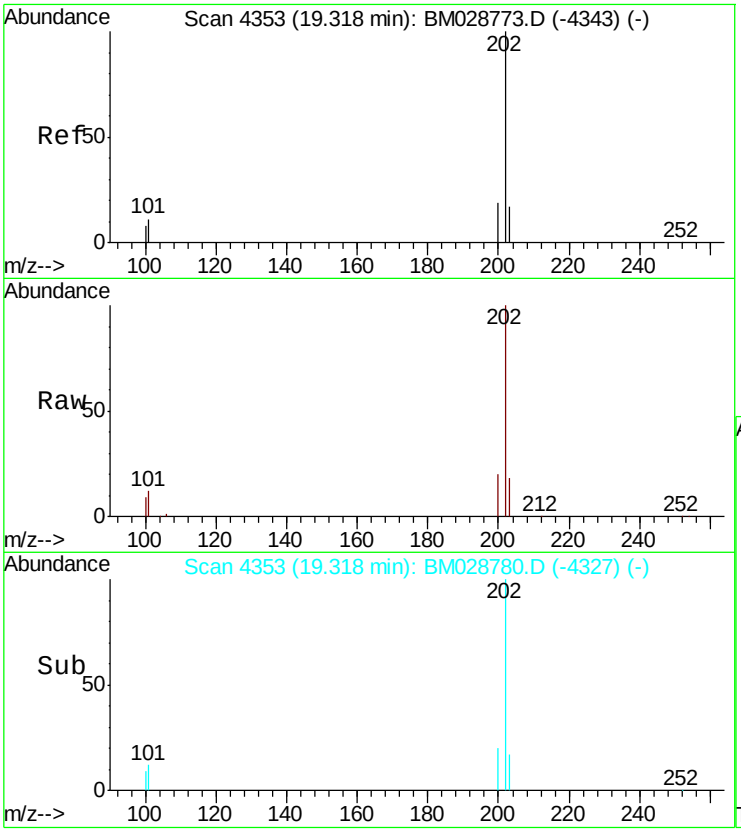


#13
Anthracene
Concen: 0.742 ng/ul
RT: 17.41 min Scan# 3823
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:178 Resp: 4493

Ion	Ratio	Lower	Upper
178	100		
179	18.6	15.0	22.4
176	23.3	16.6	24.8

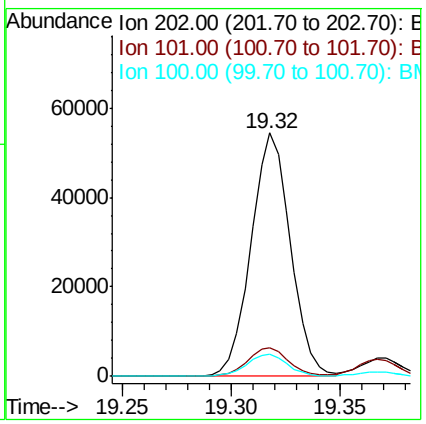




#15
Fluoranthene
Concen: 9.429 ng/ul
RT: 19.32 min Scan# 4353
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:202 Resp: 68160

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.5
100	9.0	0.0	31.7



Instrument :
BNA_M
ClientSampleId :
DBGY8

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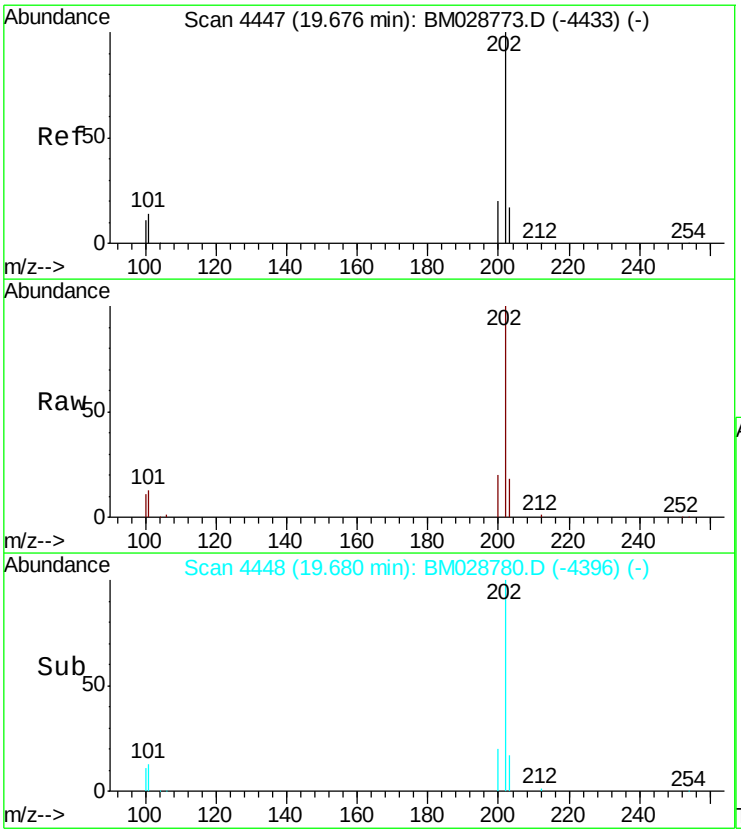
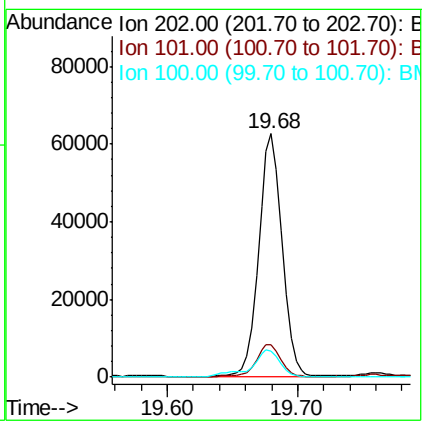
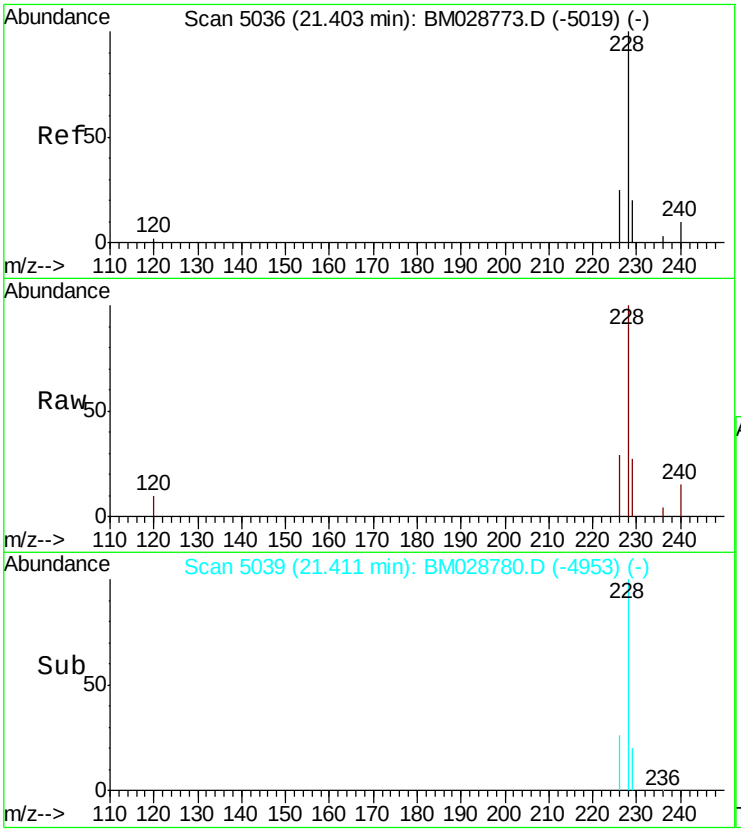


#17
Pyrene
Concen: 7.982 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:202 Resp: 77839

Ion	Ratio	Lower	Upper
202	100		
101	13.4	12.7	19.1
100	10.9	10.2	15.4

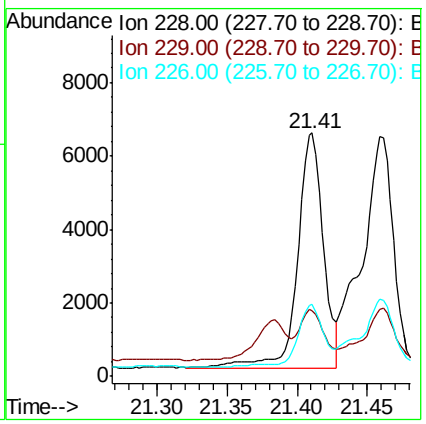




#18
Benzo(a)anthracene
Concen: 0.889 ng/ul
RT: 21.41 min Scan# 5039
Delta R.T. 0.01 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:228 Resp: 8146

Ion	Ratio	Lower	Upper
228	100		
229	26.8	18.9	28.3
226	29.4	22.6	34.0



Instrument :
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ClientSampleId :
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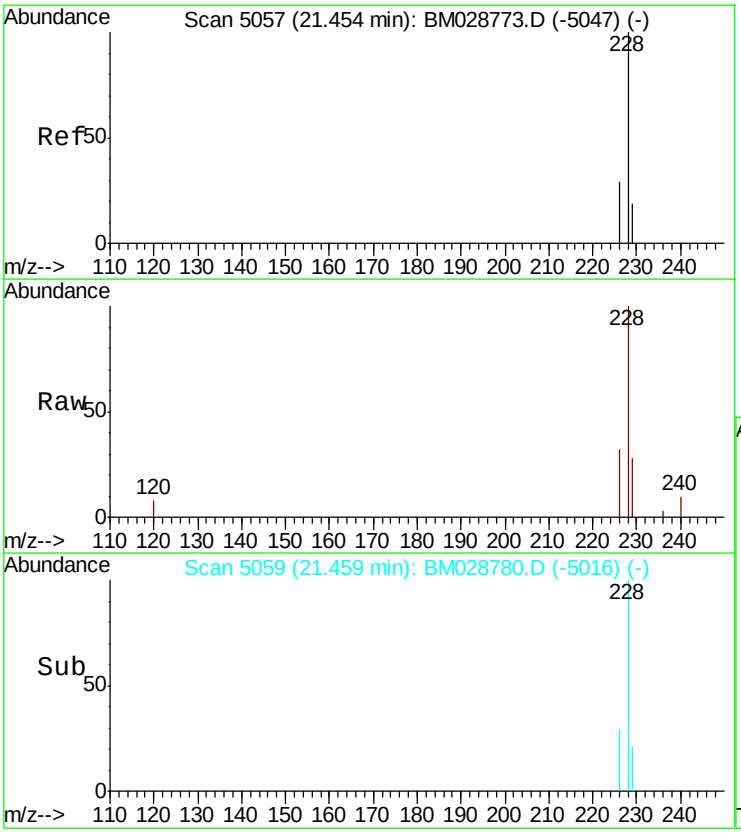
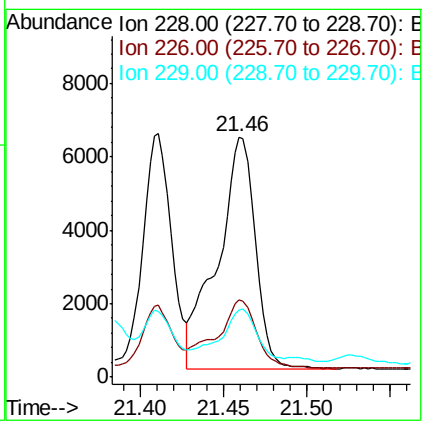
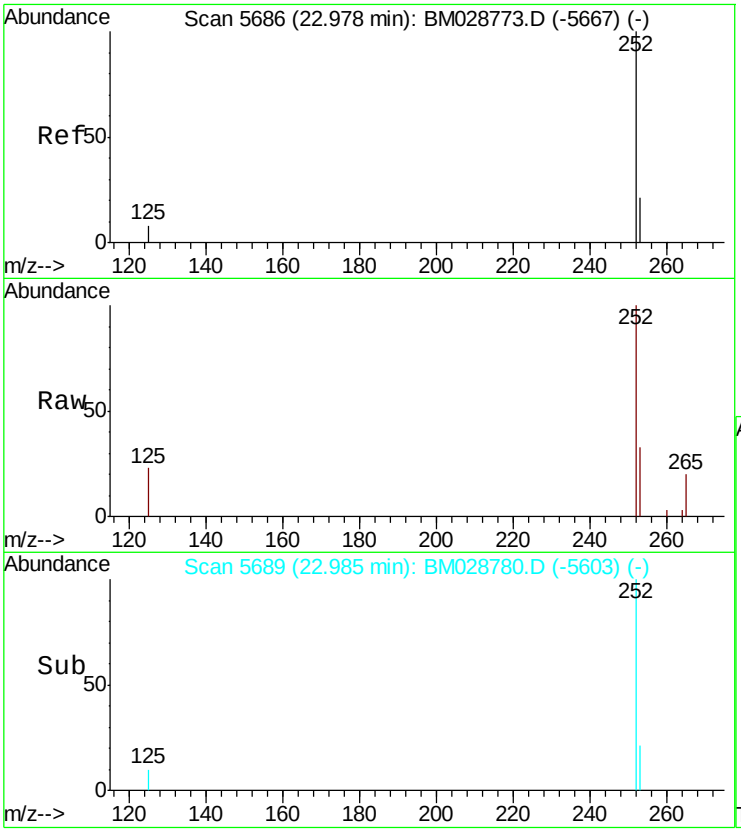


#19
Chrysene
Concen: 1.095 ng/ul
RT: 21.46 min Scan# 5059
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:228 Resp: 9970

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.6	37.0
229	28.2	18.8	28.2

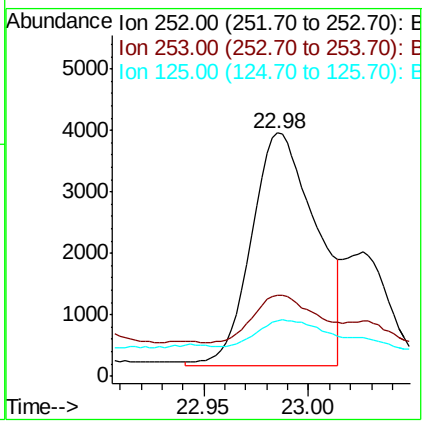




#21
Benzo(b)fluoranthene
Concen: 1.152 ng/ul m
RT: 22.98 min Scan# 5689
Delta R.T. 0.01 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:252 Resp: 8151

Ion	Ratio	Lower	Upper
252	100		
253	33.2	0.0	67.0
125	22.6	0.0	57.4



Instrument :
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ClientSampleId :
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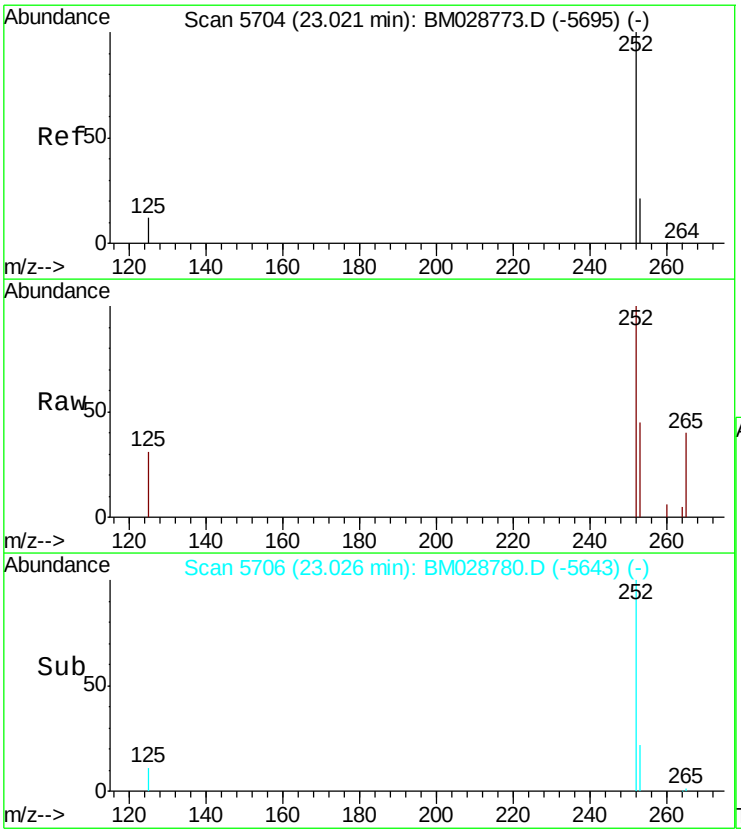
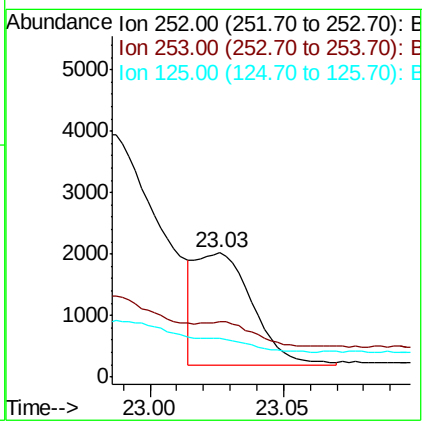
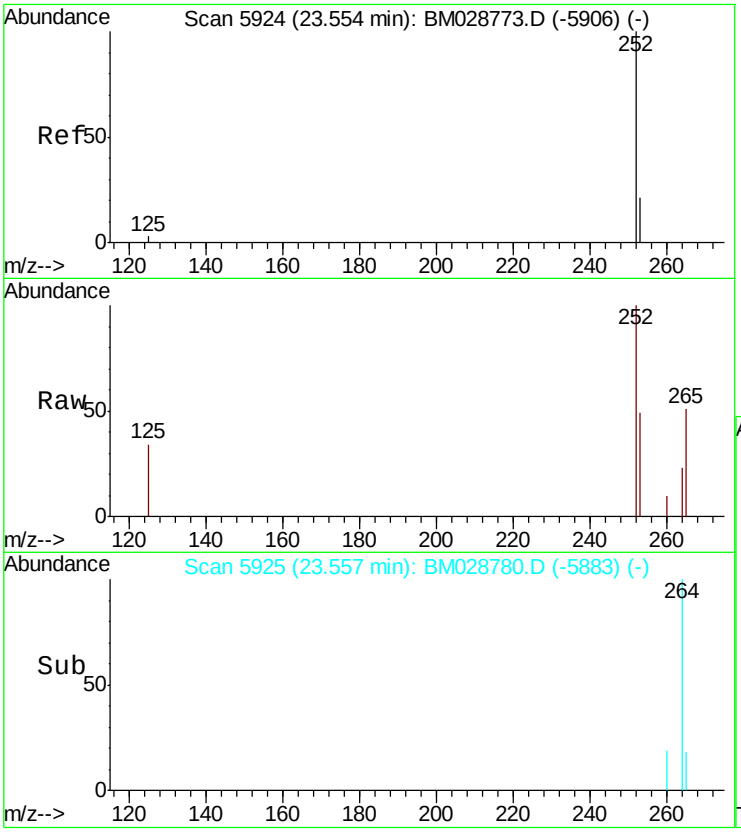


#22
Benzo(k)fluoranthene
Concen: 0.389 ng/ul m
RT: 23.03 min Scan# 5706
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:252 Resp: 2746

Ion	Ratio	Lower	Upper
252	100		
253	44.6	26.3	39.5#
125	30.9	22.9	34.3





#23
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.56 min Scan# 5925
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:252 Resp: 2733

Ion	Ratio	Lower	Upper
252	100		
253	48.9	28.7	43.1#
125	33.9	27.9	41.9

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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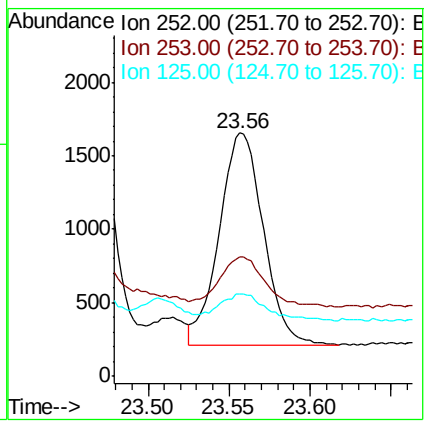
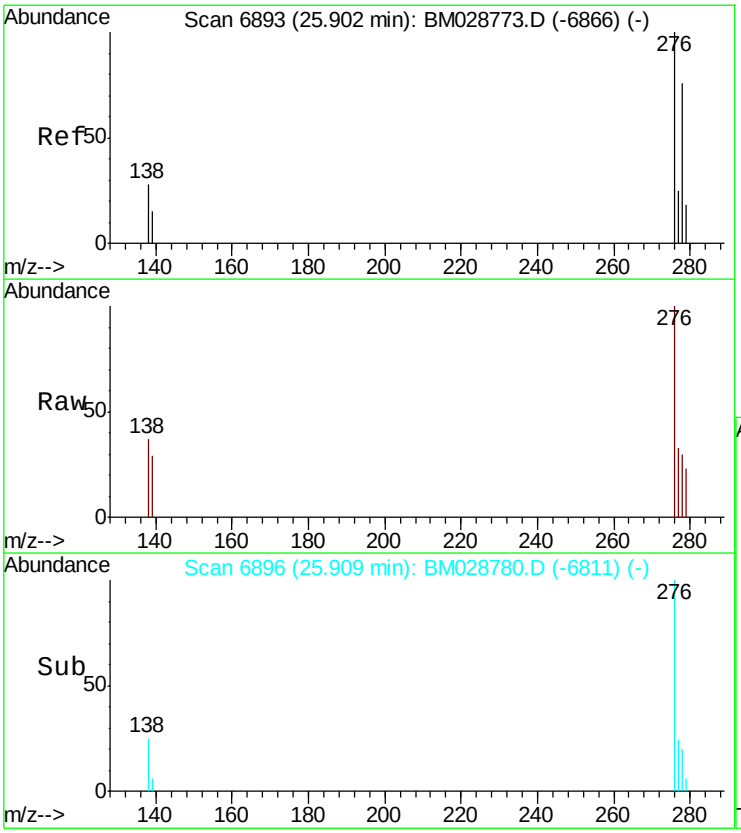
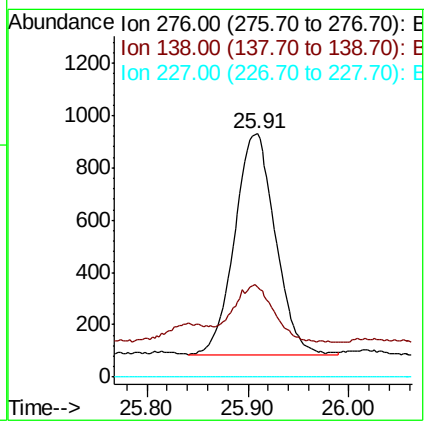


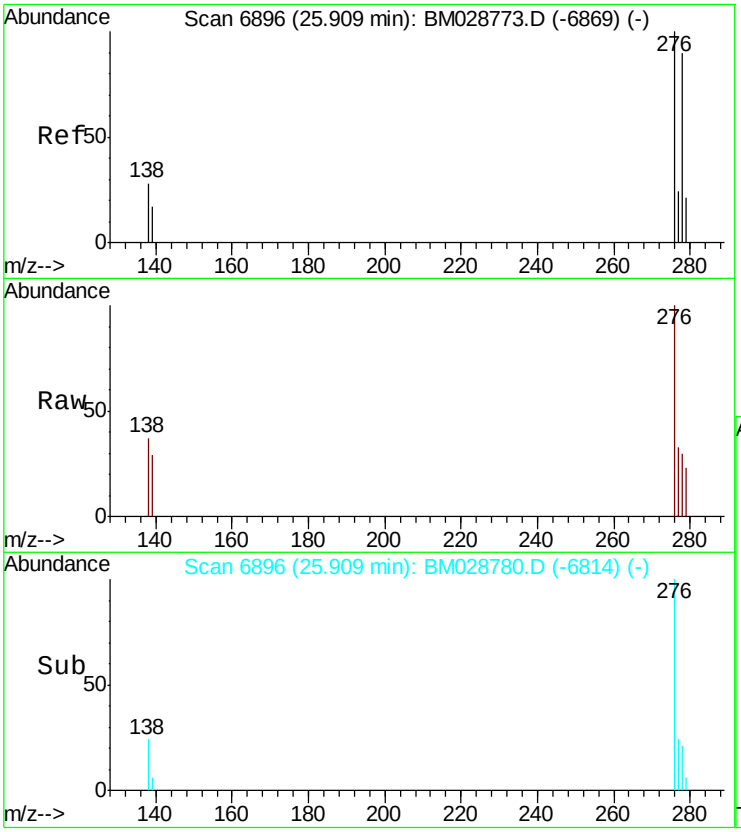


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.288 ng/ul
RT: 25.91 min Scan# 6896
Delta R.T. 0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:276 Resp: 2363

Ion	Ratio	Lower	Upper
276	100		
138	25.7	0.0	0.0#
227	0.0	0.0	0.0





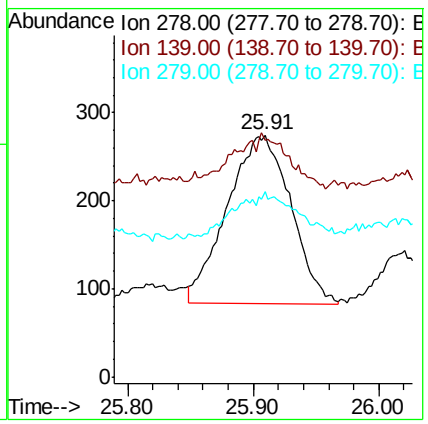
#25
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 25.91 min Scan# 6896
Delta R.T. -0.00 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

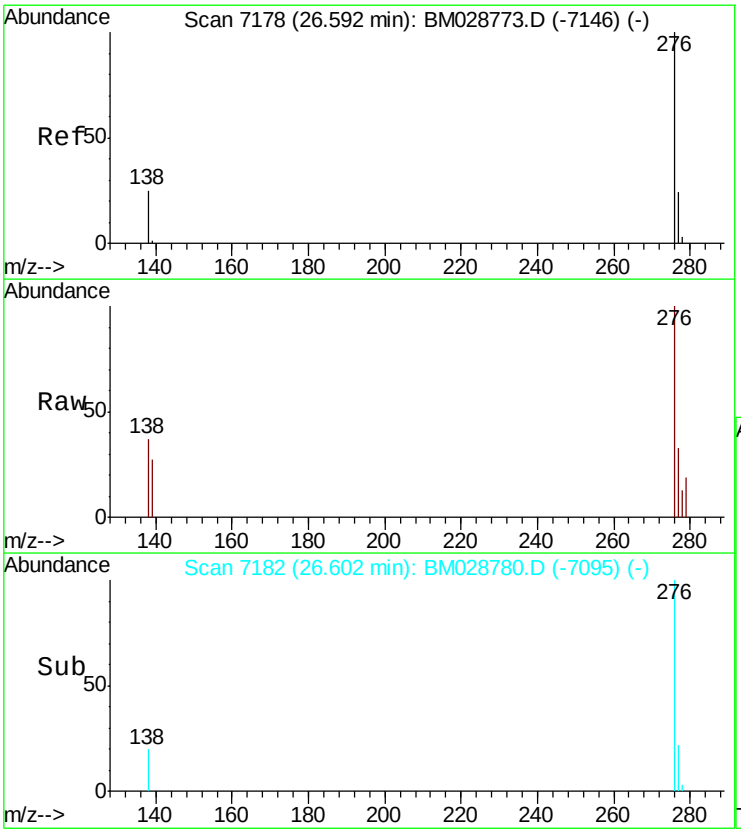
Tgt Ion:278 Resp: 673

Ion	Ratio	Lower	Upper
278	100		
139	97.5	24.9	37.3#
279	76.4	28.3	42.5#

Instrument :
BNA_M
ClientSampleId :
DBGY8

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:20 PM





#26
Benzo(g,h,i)perylene
Concen: 0.307 ng/ul
RT: 26.60 min Scan# 7182
Delta R.T. 0.01 min
Lab File: BM028780.D
Acq: 17 Feb 2021 20:05

Tgt Ion:276 Resp: 2094

Ion	Ratio	Lower	Upper
276	100		
138	37.1	25.4	38.2
277	33.2	25.3	37.9