Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028781.D
Acq On : 17 Feb 2021 20:41
Operator : CG/JU
Sample : M1379-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBGY9

Manual Integrations APPROVED
mohammad
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Quant Time: Feb 18 05:04:29 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	610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2415	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1512	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2825	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	85568m	0.40	ng/ul	0.04
20) Perylene-d12	23.69	264	2486	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	603	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1417	0.19	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1004	0.167	ng/ul#	88
5) 2-Methylnaphthalene	12.36	142	295	0.073	ng/ul	96
7) Acenaphthylene	14.26	152	2630	0.426	ng/ul#	85
8) Acenaphthene	14.60	153	335	0.068	ng/ul#	92
9) Fluorene	15.58	166	762	0.140	ng/ul#	82
11) Pentachlorophenol	16.93	266	21	0.028	ng/ul#	86
12) Phenanthrene	17.31	178	7576	0.959	ng/ul	100
13) Anthracene	17.40	178	3752	0.498	ng/ul#	86
15) Fluoranthene	19.33	202	14007	1.558	ng/ul	72
17) Pyrene	19.69	202	12154	0.039	ng/ul	95
19) Chrysene	21.49	228	8351	0.029	ng/ul#	32
21) Benzo(b)fluoranthene	23.03	252	10929m	1.285	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2856m	0.336	ng/ul	
23) Benzo(a)pyrene	23.60	252	4714	0.622	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.95	276	4016	0.407	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.94	278	1132	0.137	ng/ul#	1
26) Benzo(g,h,i)perylene	26.64	276	3790	0.461	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028781.D
Acq On : 17 Feb 2021 20:41
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 18 05:04:29 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

Instrument :
BNA_M
ClientSampleId :
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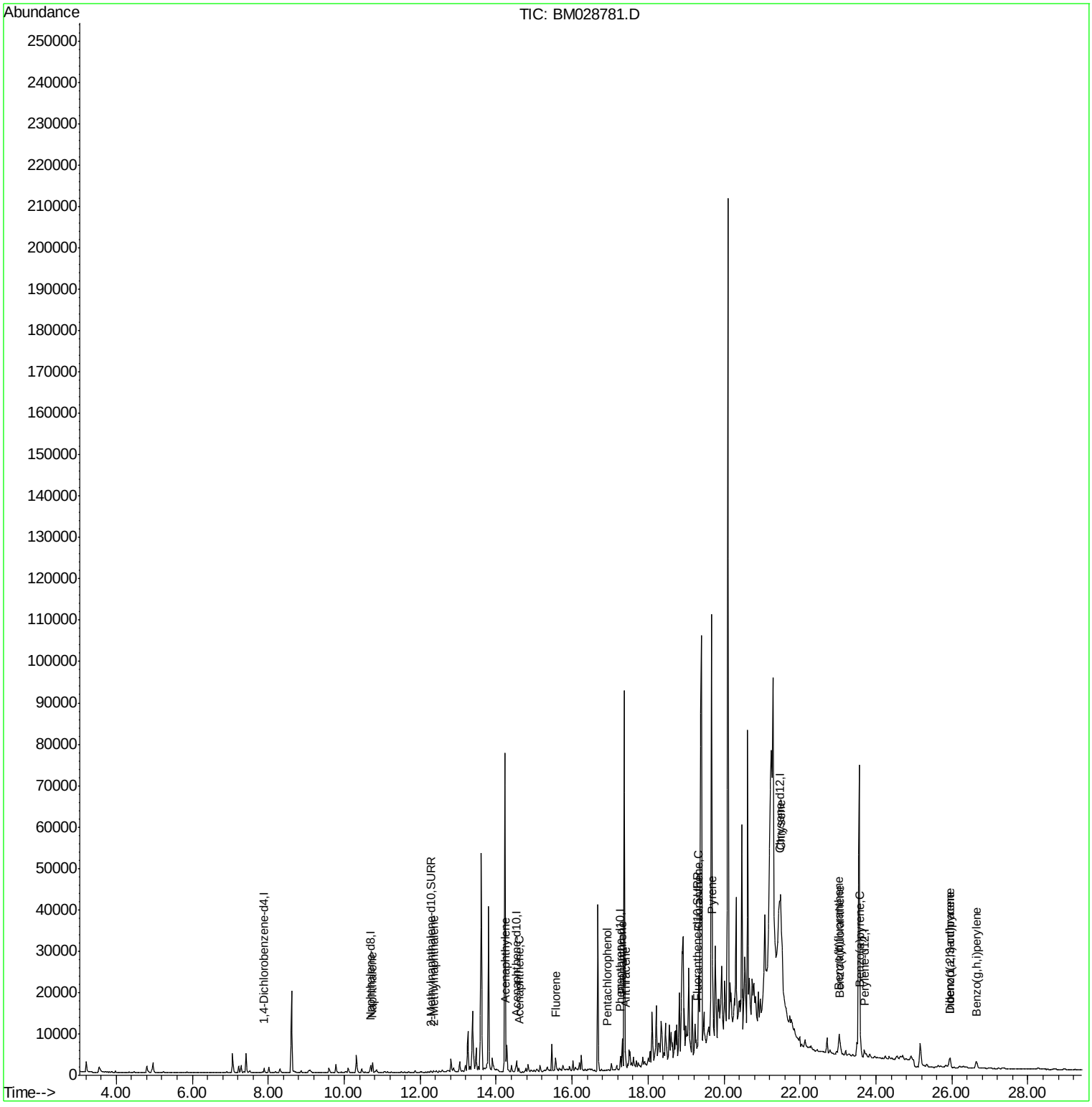

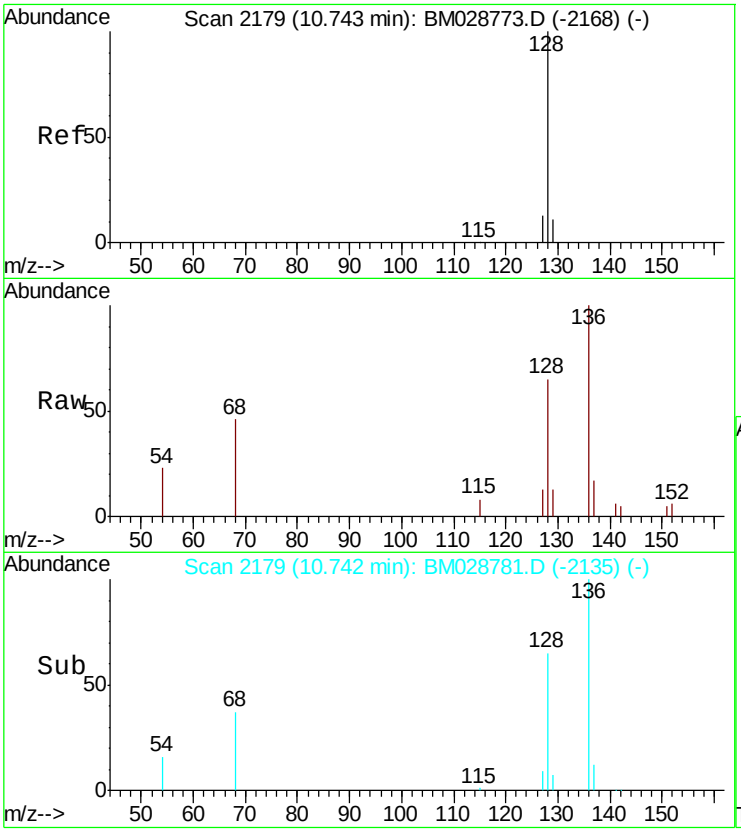

#3
Naphthalene
Concen: 0.167 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:128 Resp: 1004

Ion	Ratio	Lower	Upper
128	100		
129	19.5	11.4	17.2#
127	20.8	13.0	19.6#

Instrument :
BNA_M
ClientSampleId :
DBGY9

Manual Integrations APPROVED
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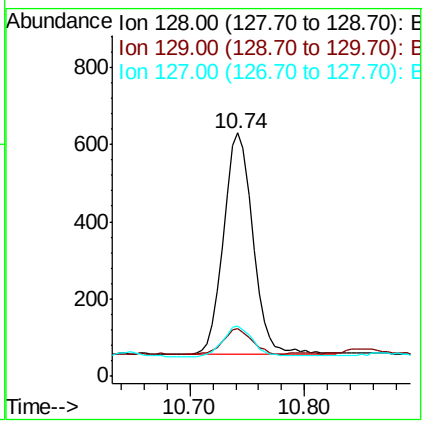
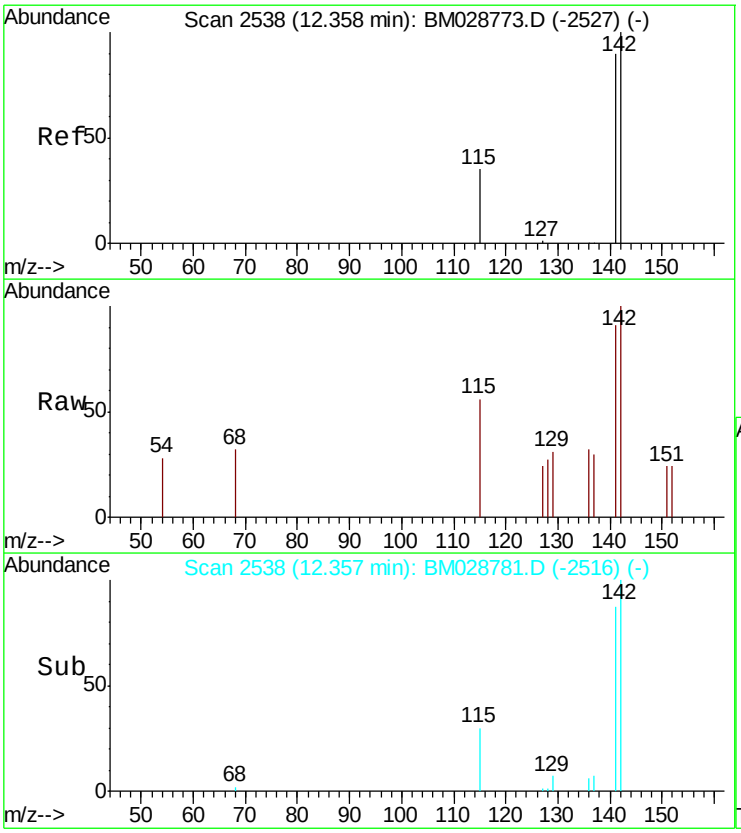
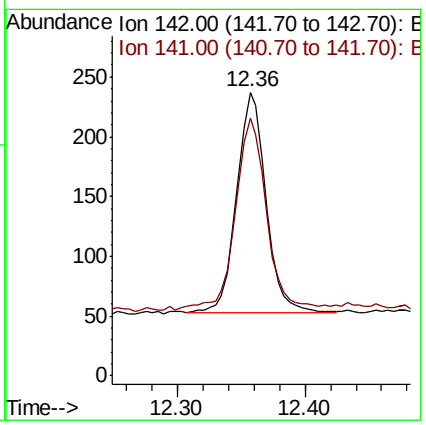


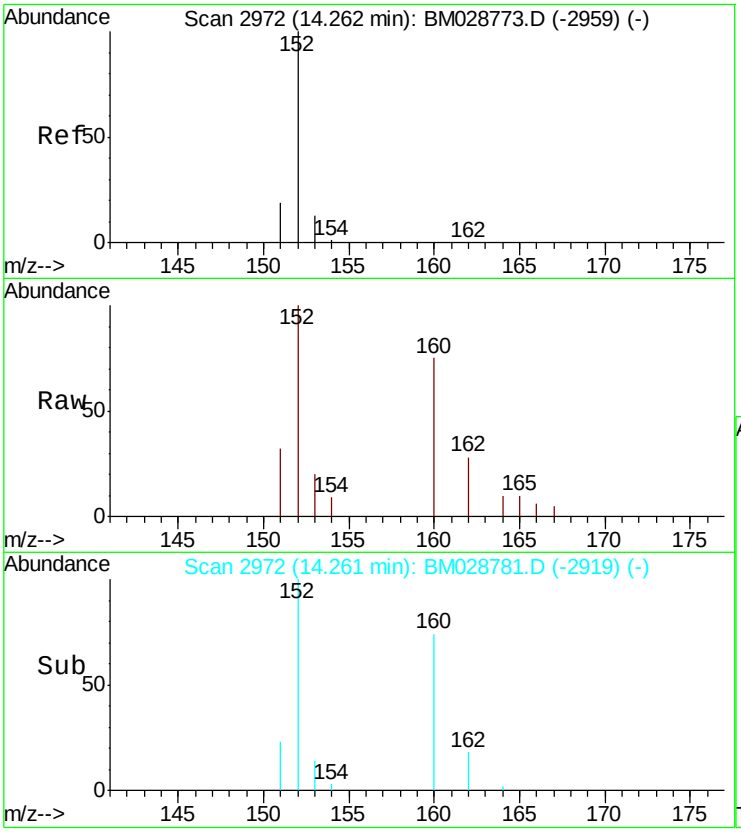


#5
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.36 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:142 Resp: 295

Ion	Ratio	Lower	Upper
142	100		
141	93.9	72.2	108.4





#7
Acenaphthylene
Concen: 0.426 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:152 Resp: 2630

Ion	Ratio	Lower	Upper
152	100		
151	32.0	18.0	27.0#
153	20.0	13.4	20.0

Instrument :
BNA_M
ClientSampleId :
DBGY9

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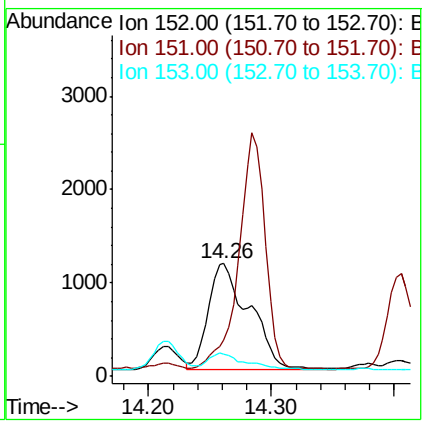
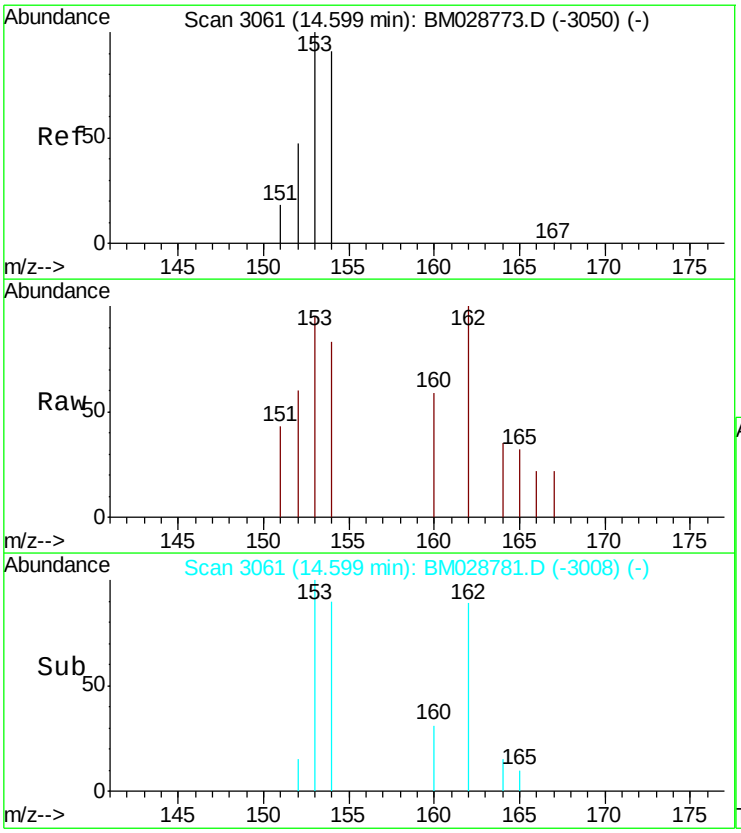
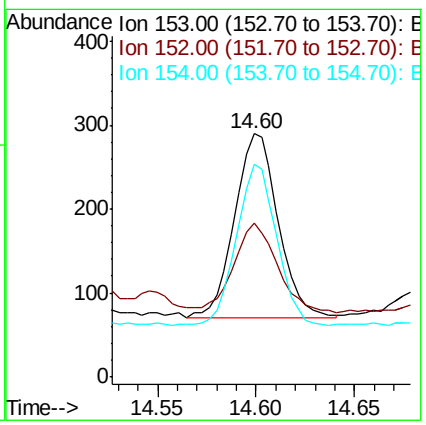


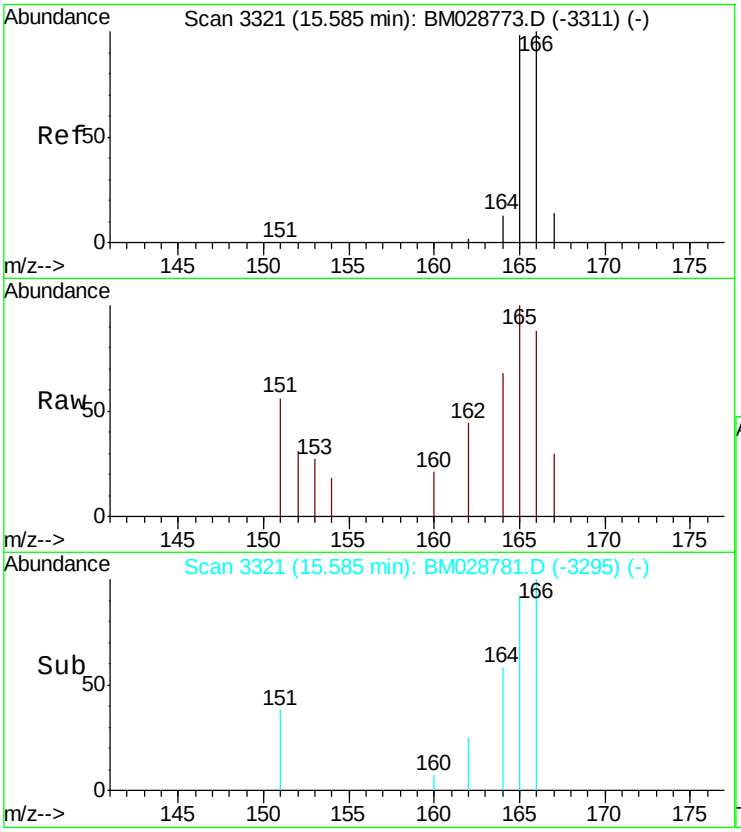


#8
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.60 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:153 Resp: 335

Ion	Ratio	Lower	Upper
153	100		
152	63.4	39.6	59.4#
154	87.6	70.3	105.5

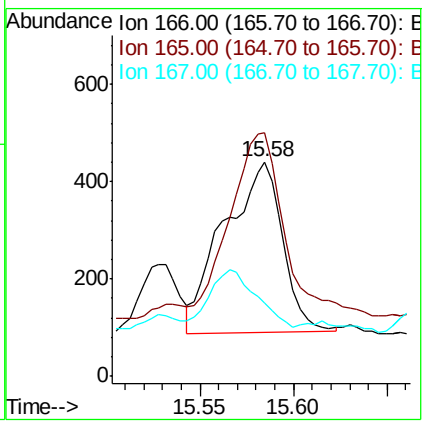




#9
Fluorene
Concen: 0.140 ng/ul
RT: 15.58 min Scan# 3321
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:166 Resp: 762

Ion	Ratio	Lower	Upper
166	100		
165	113.6	79.6	119.4
167	34.5	13.9	20.9#



Instrument :
BNA_M
ClientSampleId :
DBGY9

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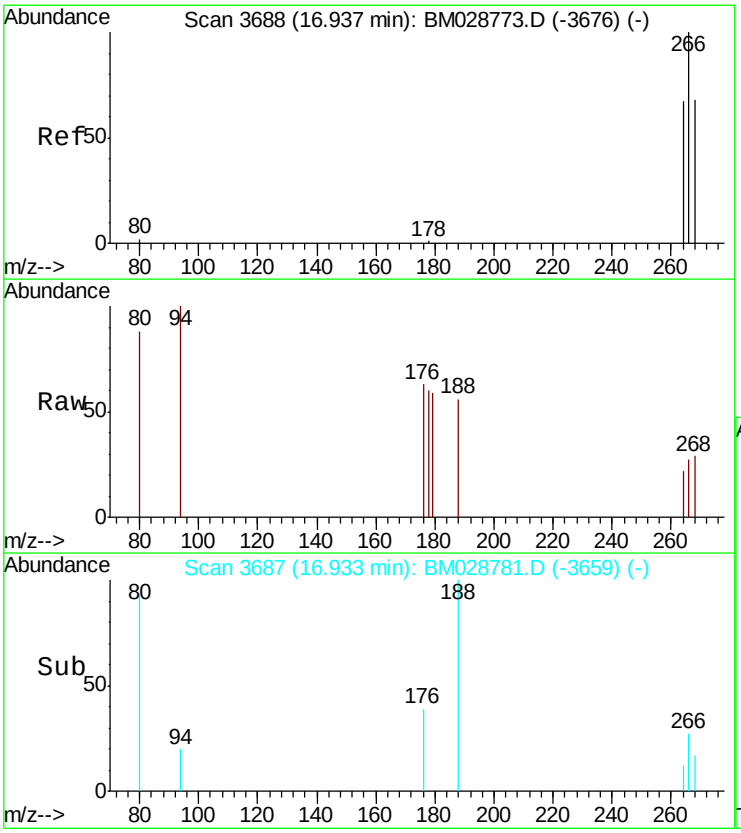
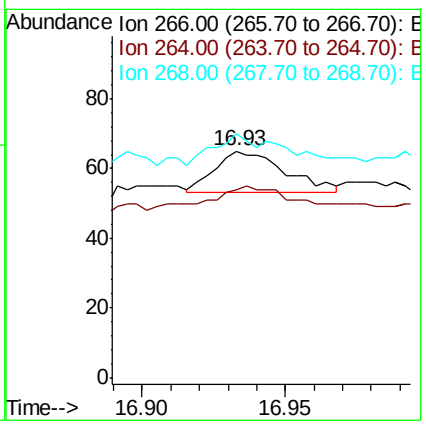
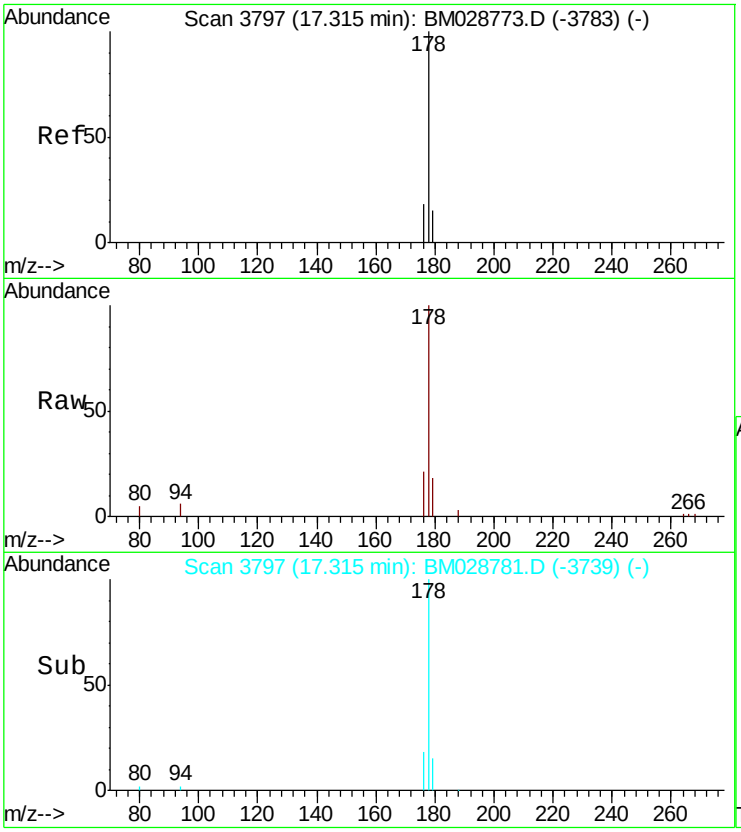


#11
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.93 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:266 Resp: 21

Ion	Ratio	Lower	Upper
266	100		
264	71.4	51.0	76.4
268	81.0	53.0	79.4#





#12
Phenanthrene
Concen: 0.959 ng/ul
RT: 17.31 min Scan# 3797
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:178 Resp: 7576

Ion	Ratio	Lower	Upper
178	100		
179	18.4	14.7	22.1
176	20.6	16.7	25.1

Instrument :
BNA_M
ClientSampleId :
DBGY9

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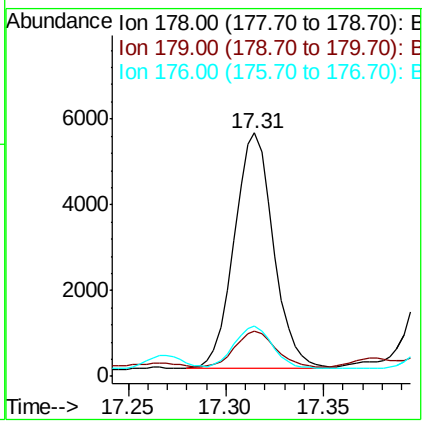
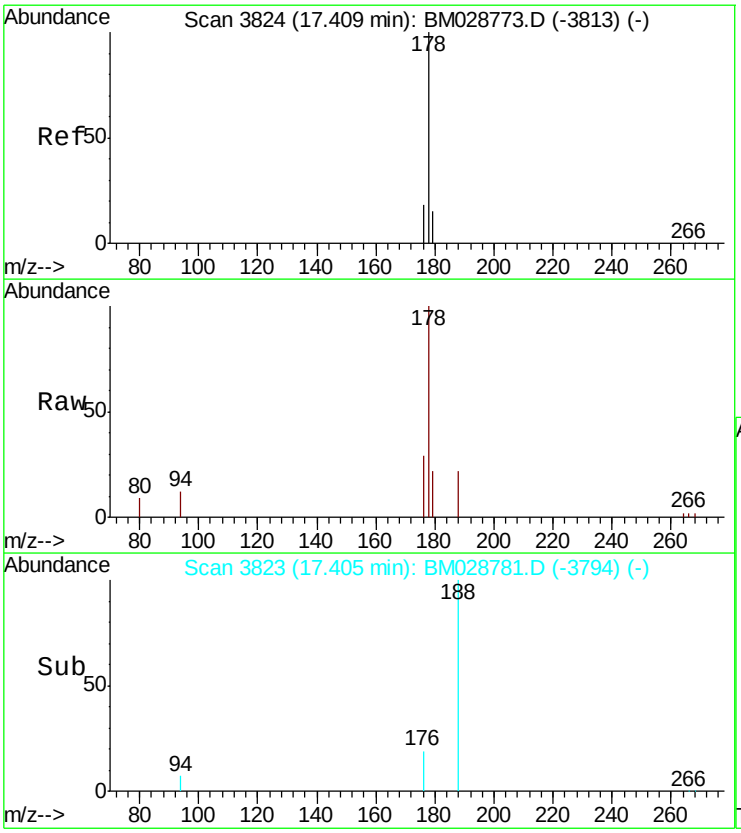
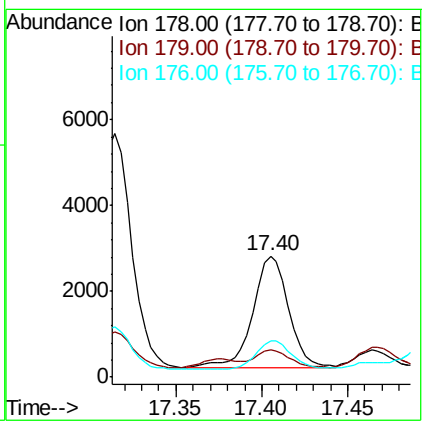


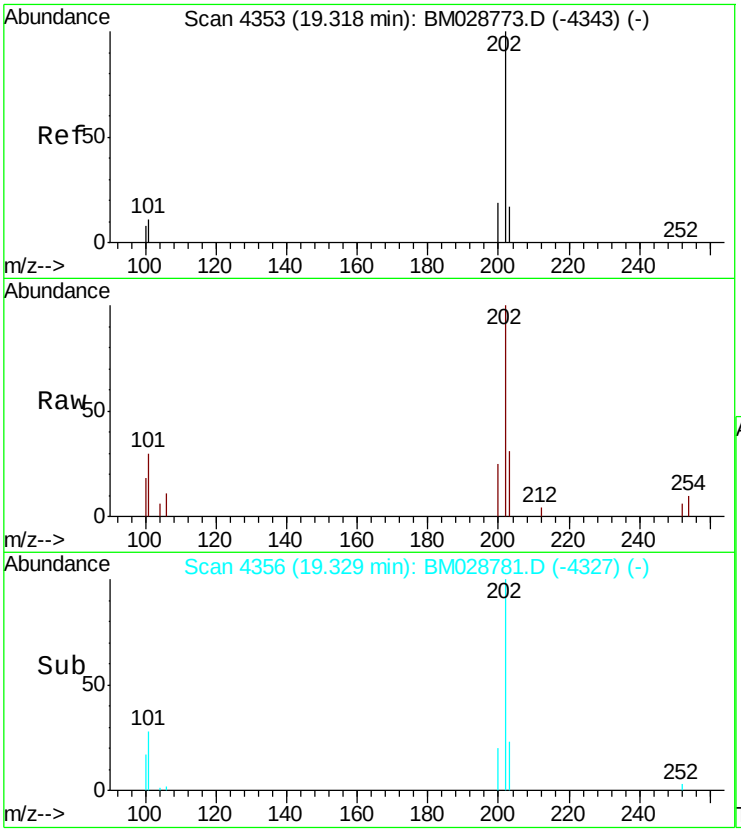


#13
Anthracene
Concen: 0.498 ng/ul
RT: 17.40 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:178 Resp: 3752

Ion	Ratio	Lower	Upper
178	100		
179	22.4	15.0	22.4
176	29.4	16.6	24.8#

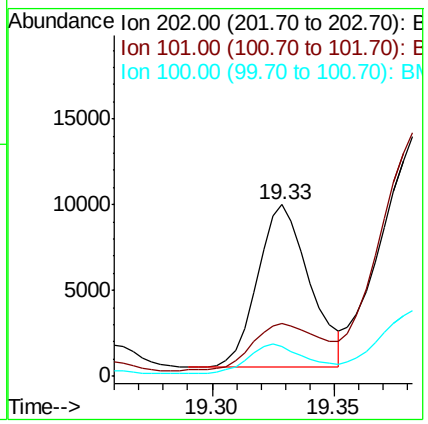




#15
Fluoranthene
Concen: 1.558 ng/ul
RT: 19.33 min Scan# 4356
Delta R.T. 0.01 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:202 Resp: 14007

Ion	Ratio	Lower	Upper
202	100		
101	30.5	0.0	34.5
100	17.7	0.0	31.7



Instrument :
BNA_M
ClientSampleId :
DBGY9

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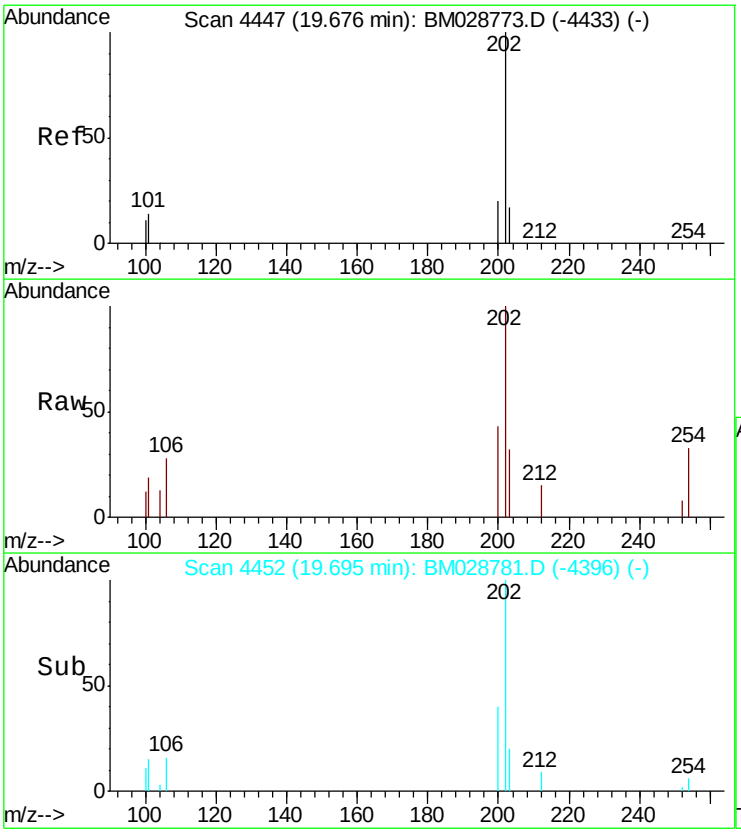
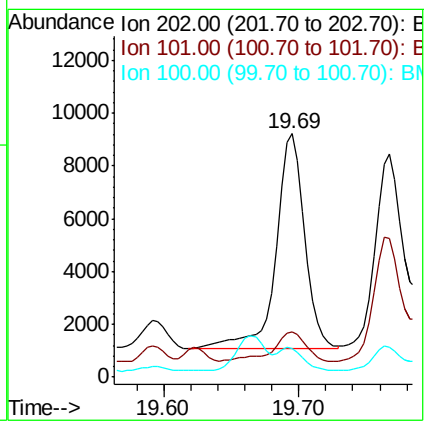
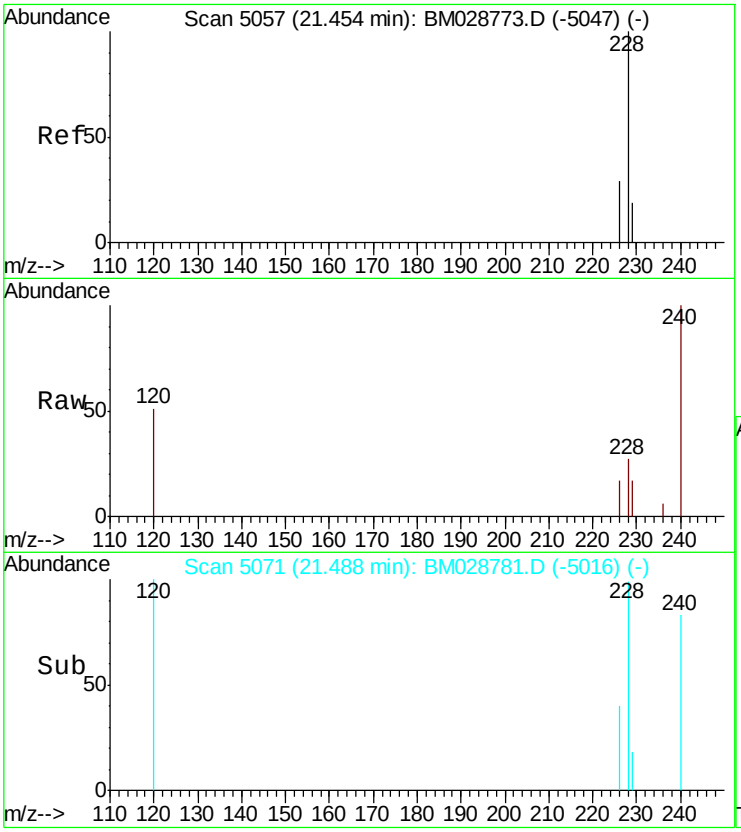


#17
Pyrene
Concen: 0.039 ng/ul
RT: 19.69 min Scan# 4452
Delta R.T. 0.02 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:202 Resp: 12154

Ion	Ratio	Lower	Upper
202	100		
101	18.6	12.7	19.1
100	11.7	10.2	15.4

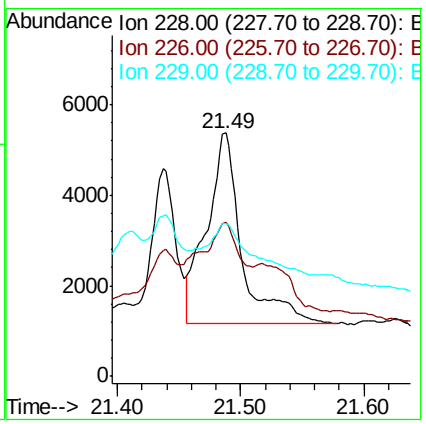




#19
Chrysene
Concen: 0.029 ng/ul
RT: 21.49 min Scan# 5071
Delta R.T. 0.03 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:228 Resp: 8351

Ion	Ratio	Lower	Upper
228	100		
226	63.1	24.6	37.0#
229	62.9	18.8	28.2#



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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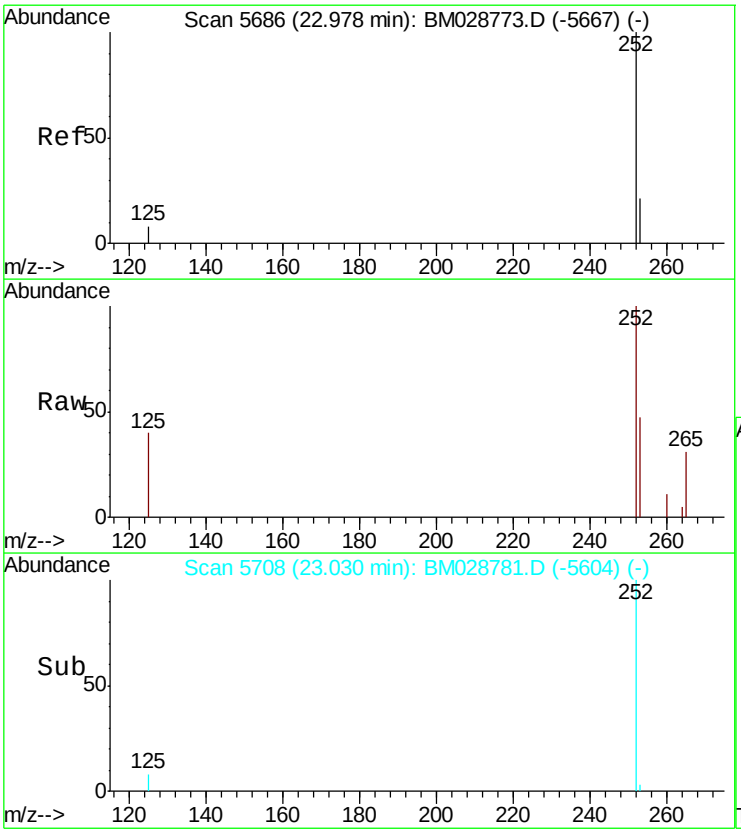
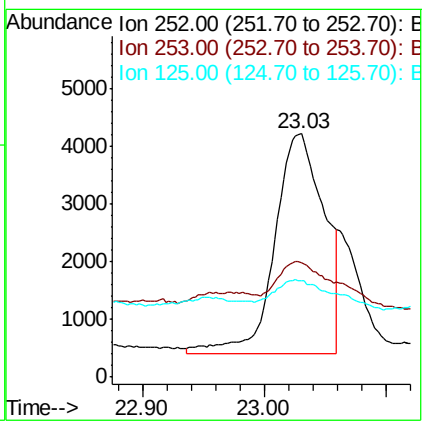
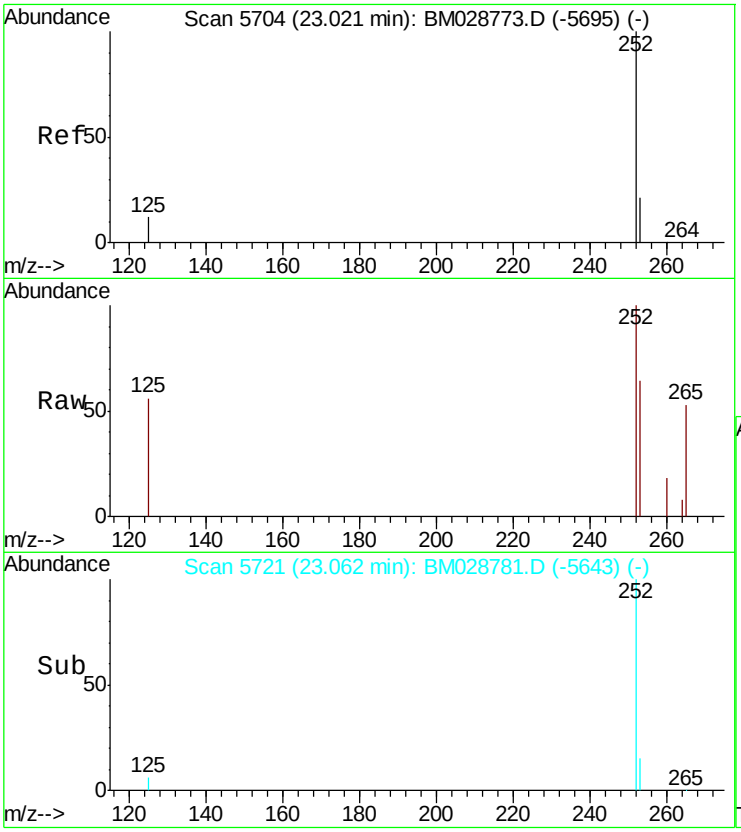


#21
Benzo(b)fluoranthene
Concen: 1.285 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. 0.05 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:252 Resp: 10929

Ion	Ratio	Lower	Upper
252	100		
253	46.8	0.0	67.0
125	39.7	0.0	57.4

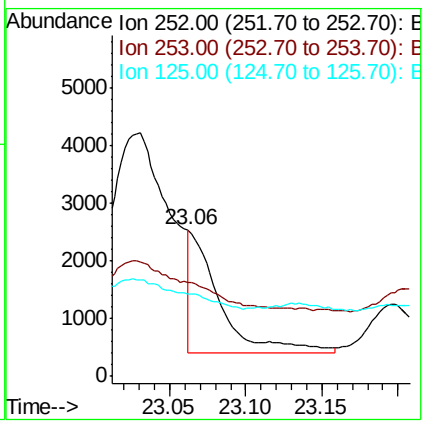




#22
Benzo(k)fluoranthene
Concen: 0.336 ng/ul m
RT: 23.06 min Scan# 5721
Delta R.T. 0.04 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:252 Resp: 2856

Ion	Ratio	Lower	Upper
252	100		
253	63.7	26.3	39.5#
125	56.1	22.9	34.3#



Instrument :
BNA_M
ClientSampleId :
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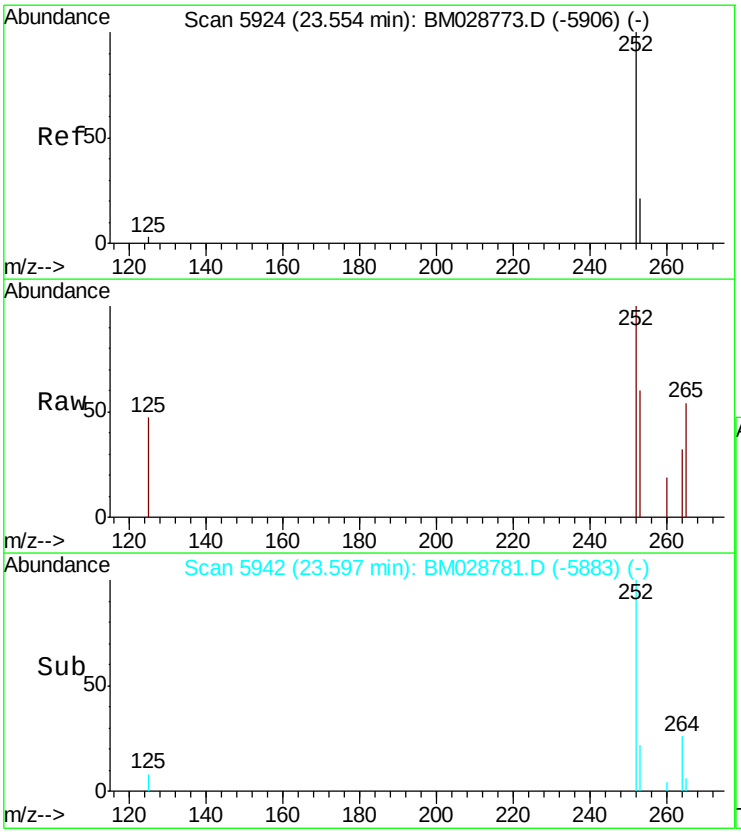
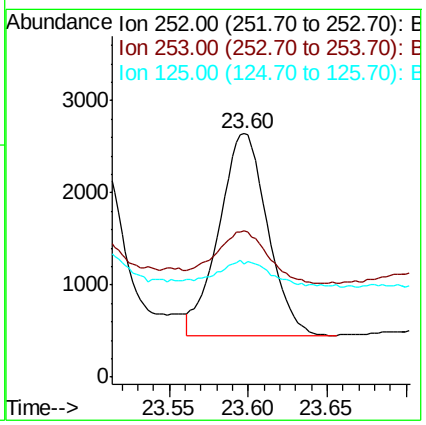
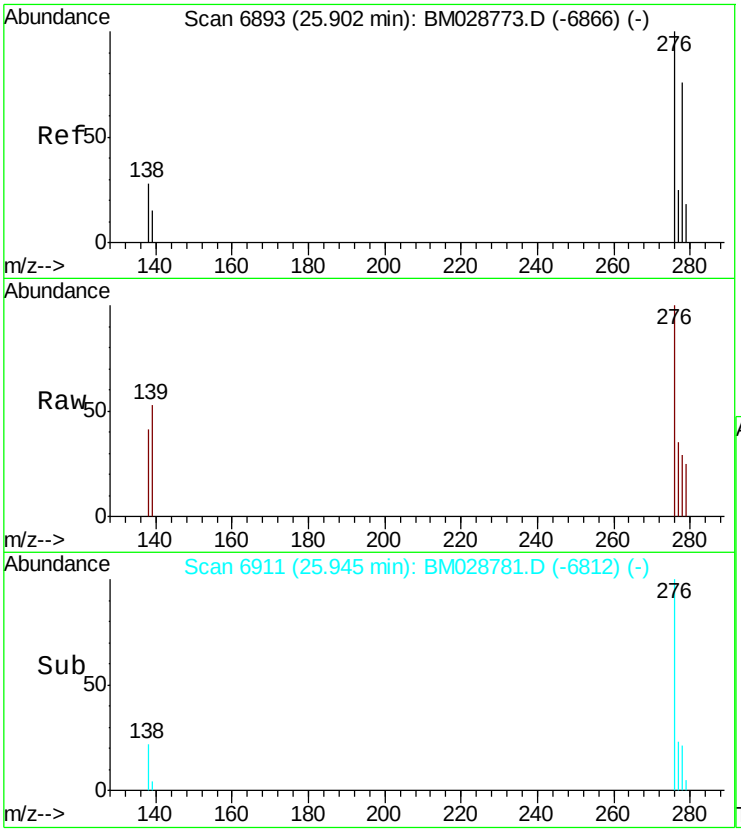


#23
Benzo(a)pyrene
Concen: 0.622 ng/ul
RT: 23.60 min Scan# 5942
Delta R.T. 0.04 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:252 Resp: 4714

Ion	Ratio	Lower	Upper
252	100		
253	60.1	28.7	43.1#
125	46.7	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 25.95 min Scan# 6911
Delta R.T. 0.04 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:276 Resp: 4016

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

Instrument :
BNA_M
ClientSampleId :
DBGY9

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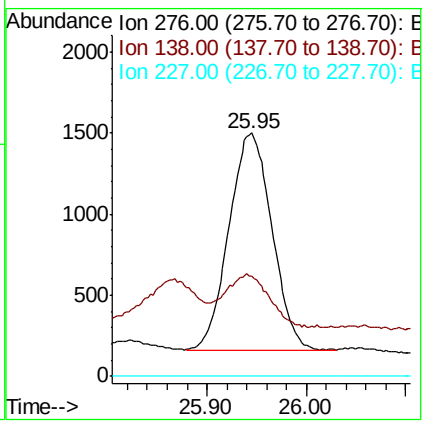
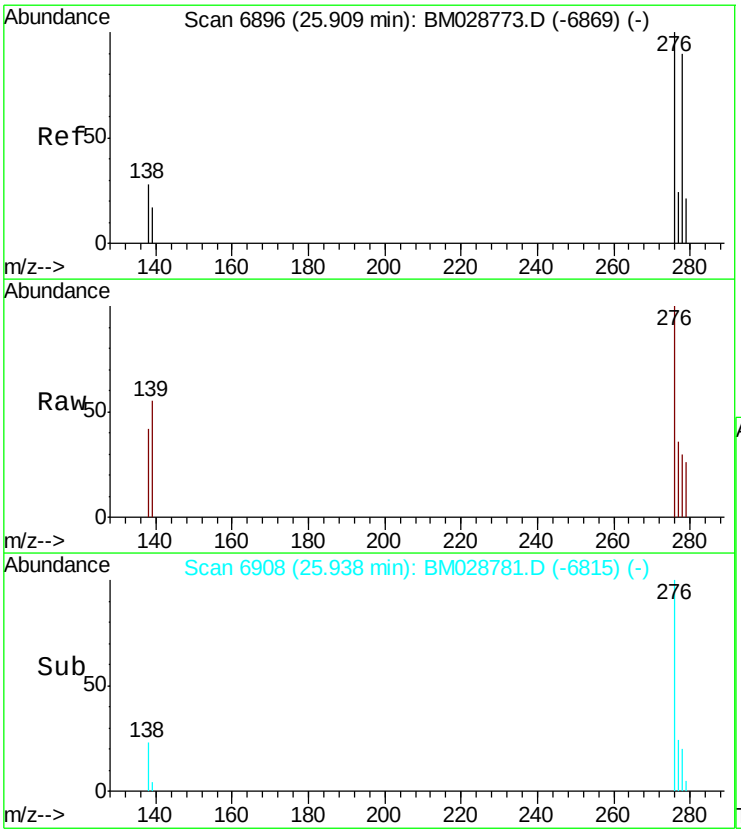
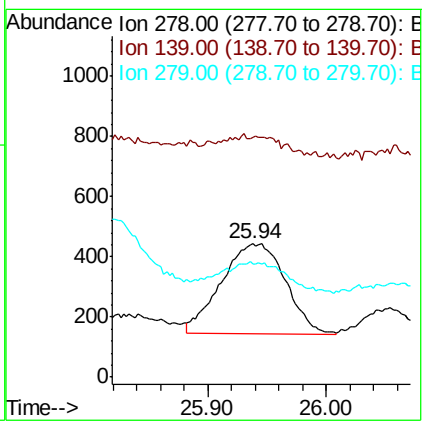


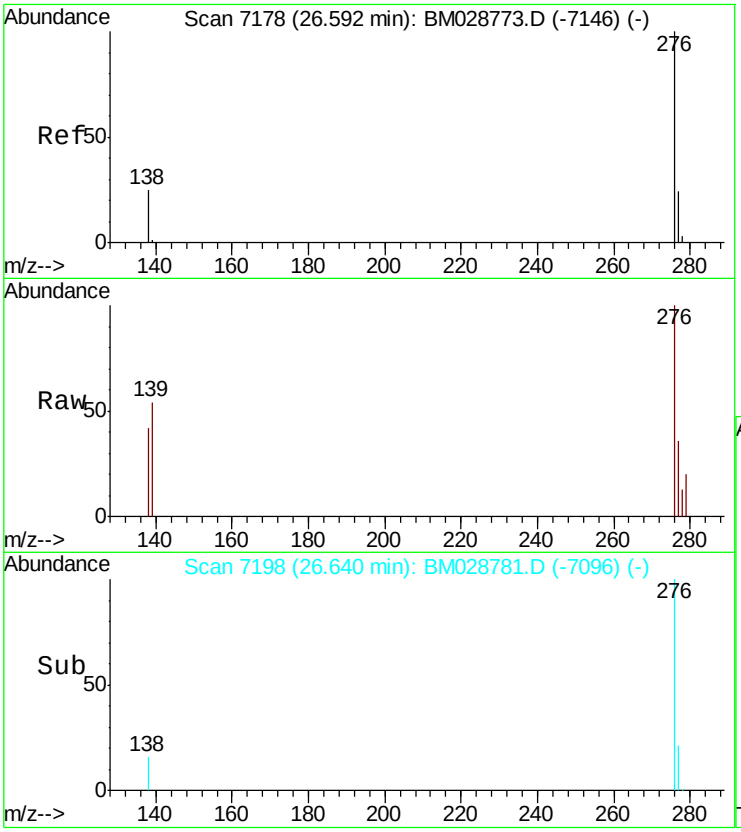


#25
Dibenzo(a,h)anthracene
Concen: 0.137 ng/ul
RT: 25.94 min Scan# 6908
Delta R.T. 0.03 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:278 Resp: 1132

Ion	Ratio	Lower	Upper
278	100		
139	180.1	24.9	37.3#
279	85.3	28.3	42.5#

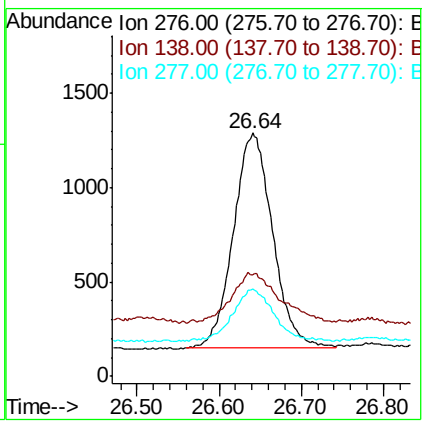




#26
Benzo(g,h,i)perylene
Concen: 0.461 ng/ul
RT: 26.64 min Scan# 7198
Delta R.T. 0.05 min
Lab File: BM028781.D
Acq: 17 Feb 2021 20:41

Tgt Ion:276 Resp: 3790

Ion	Ratio	Lower	Upper
276	100		
138	41.5	25.4	38.2#
277	35.8	25.3	37.9



Instrument :
BNA_M
ClientSampleId :
DBGY9

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:23 PM