Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028782.D
Acq On : 17 Feb 2021 21:17
Operator : CG/JU
Sample : M1379-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 18 05:23:12 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 : DBGZ0

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2/18/2021 1:39:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	578	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	2304	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	1650	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	2646	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	4256	0.40	ng/ul	0.02
20) Perylene-d12	23.66	264	2338	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	568	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	1302	0.19	ng/ul	0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	4492	0.783	ng/ul	97
5) 2-Methylnaphthalene	12.36	142	2965	0.772	ng/ul	98
7) Acenaphthylene	14.26	152	1956	0.290	ng/ul#	88
8) Acenaphthene	14.60	153	19885	3.725	ng/ul	98
9) Fluorene	15.59	166	33021	5.573	ng/ul	96
12) Phenanthrene	17.32	178	237278	32.084	ng/ul	94
13) Anthracene	17.41	178	36971	5.242	ng/ul	95
15) Fluoranthene	19.33	202	157201	18.673	ng/ul	93
17) Pyrene	19.69	202	113748	7.356	ng/ul	95
18) Benzo(a)anthracene	21.42	228	31605	2.175	ng/ul	98
19) Chrysene	21.47	228	30112	2.085	ng/ul	99
21) Benzo(b)fluoranthene	22.99	252	26554m	3.319	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	9357m	1.172	ng/ul	
23) Benzo(a)pyrene	23.57	252	16348	2.294	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.92	276	9092	0.980	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.93	278	2480	0.318	ng/ul#	39
26) Benzo(g,h,i)perylene	26.61	276	7319	0.947	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021721\
Data File : BM028782.D
Acq On : 17 Feb 2021 21:17
Operator : CG/JU
Sample : M1379-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 18 05:23:12 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 :
DBGZ0

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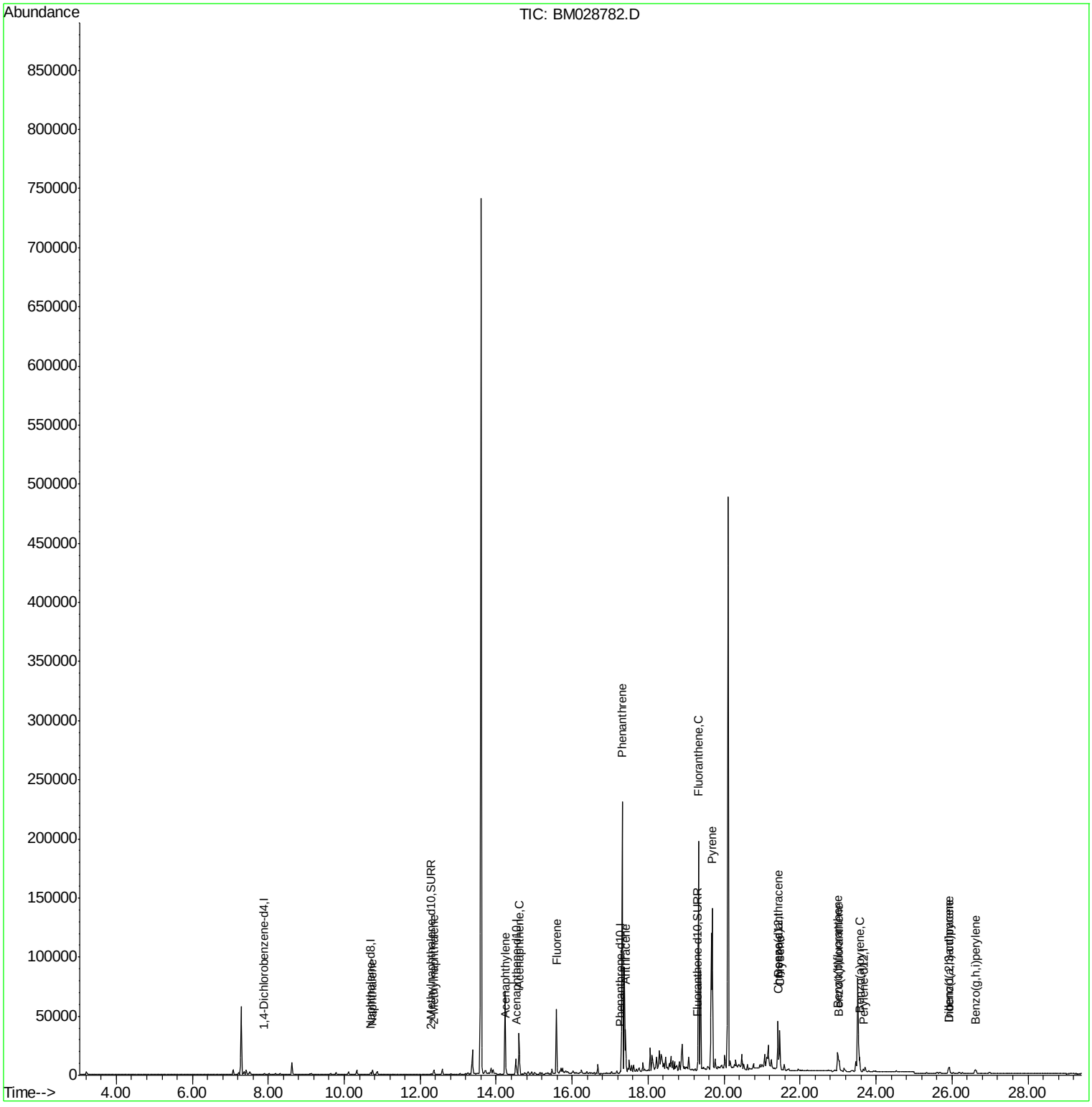
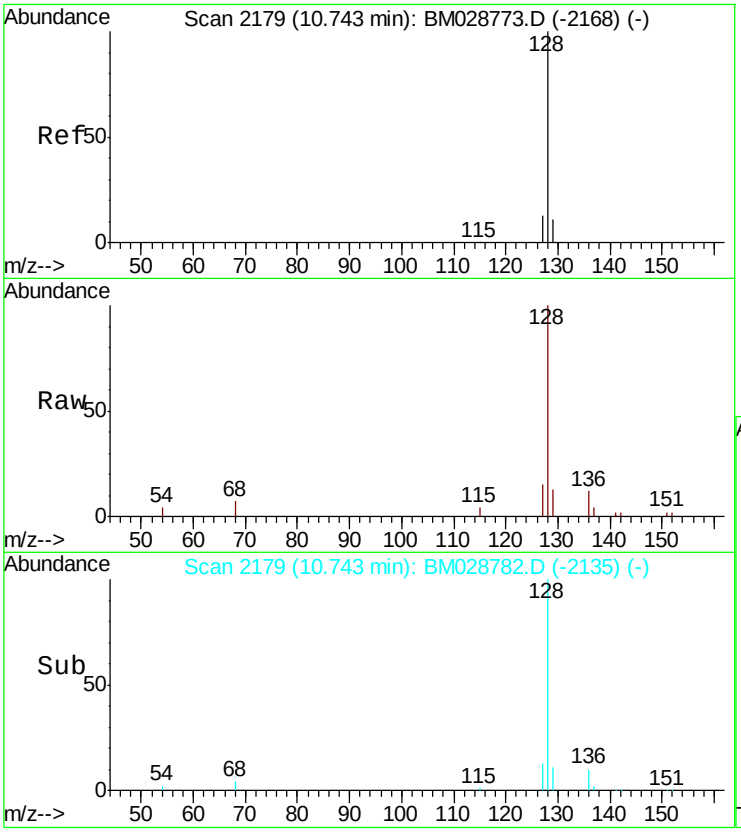
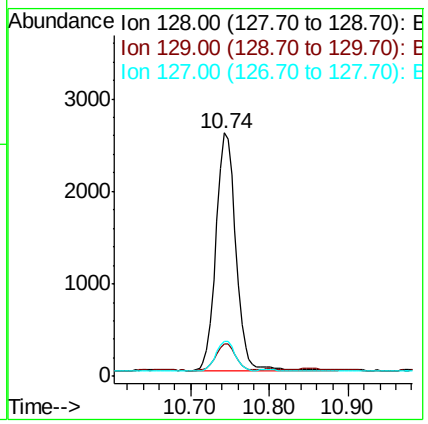




#3
Naphthalene
Concen: 0.783 ng/ul
RT: 10.74 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:128 Resp: 4492

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.4	17.2
127	14.5	13.0	19.6



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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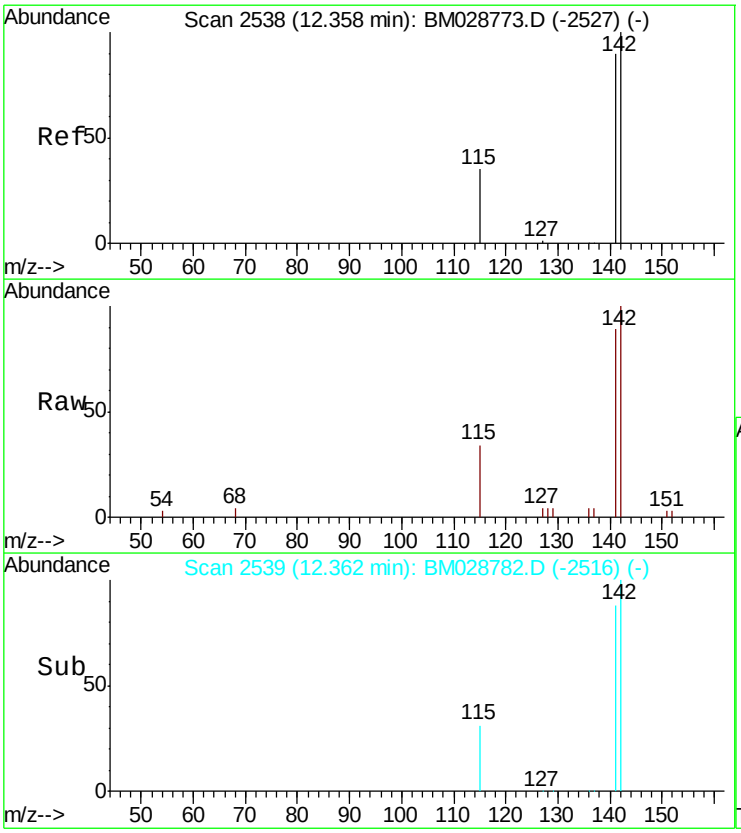
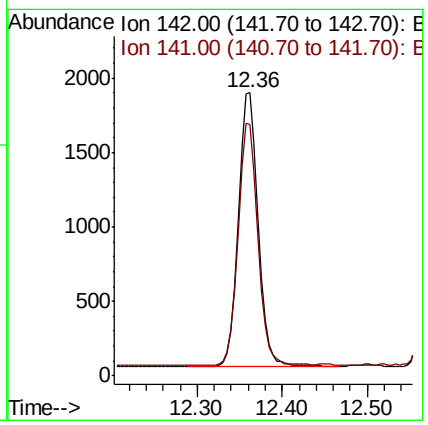
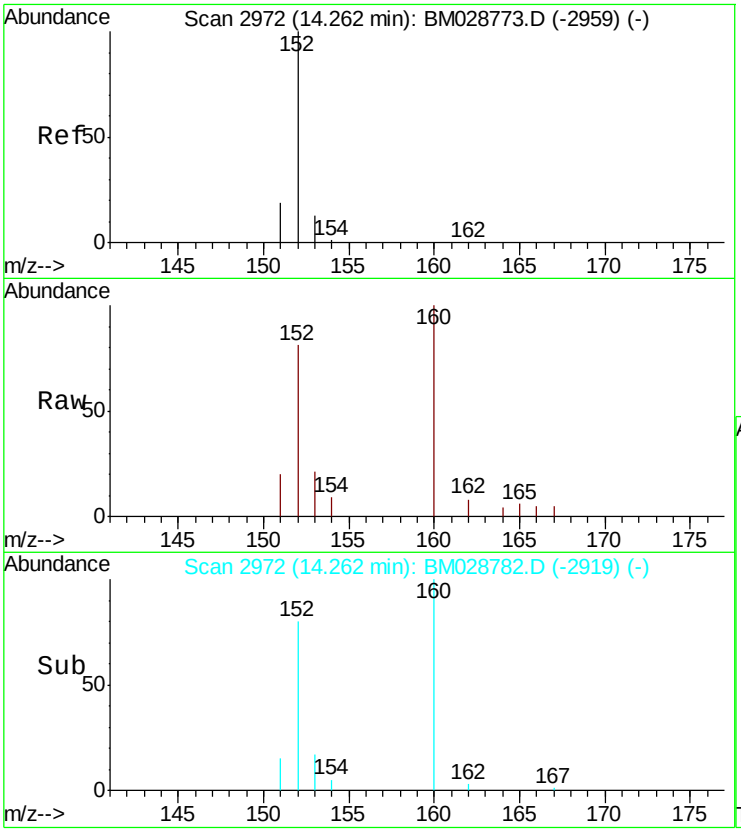


#5
2-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.36 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:142 Resp: 2965

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.2	108.4





#7
Acenaphthylene
Concen: 0.290 ng/ul
RT: 14.26 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:152 Resp: 1956

Ion	Ratio	Lower	Upper
152	100		
151	24.7	18.0	27.0
153	26.6	13.4	20.0#

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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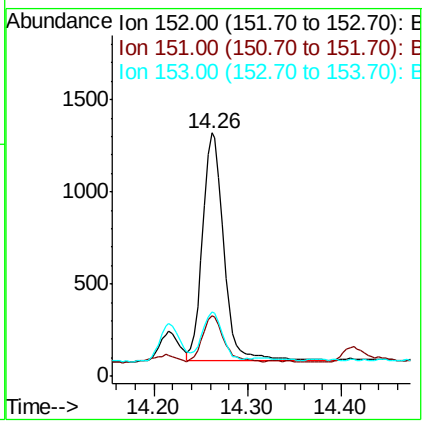
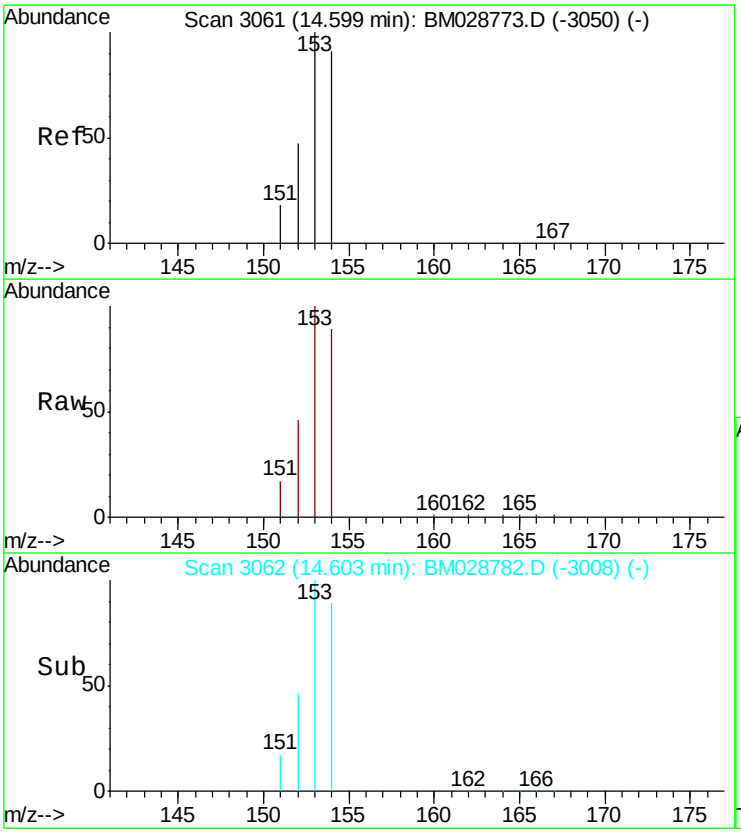
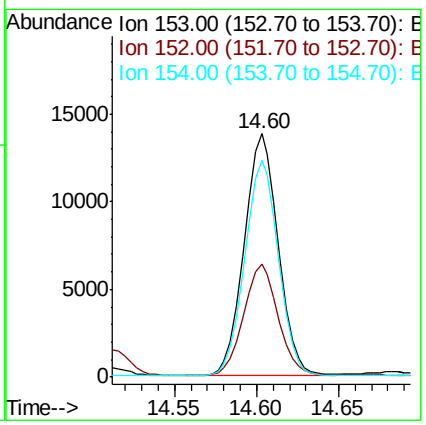


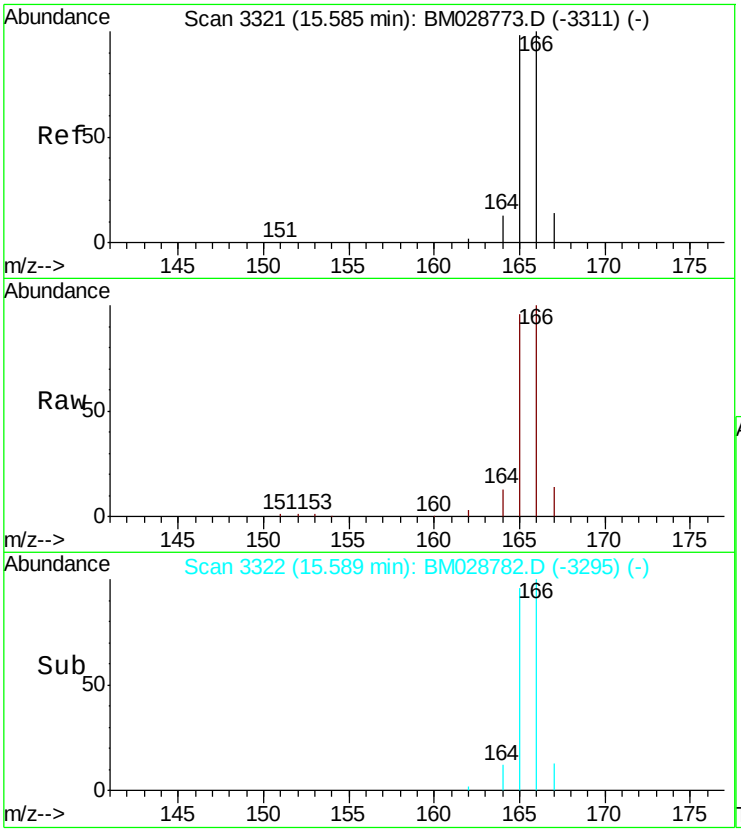


#8
Acenaphthene
Concen: 3.725 ng/ul
RT: 14.60 min Scan# 3062
Delta R.T. 0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:153 Resp: 19885

Ion	Ratio	Lower	Upper
153	100		
152	46.3	39.6	59.4
154	89.1	70.3	105.5

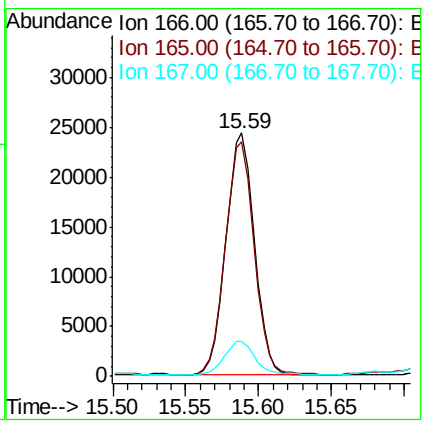




#9
Fluorene
Concen: 5.573 ng/ul
RT: 15.59 min Scan# 3322
Delta R.T. 0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:166 Resp: 33021

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.6	119.4
167	14.3	13.9	20.9



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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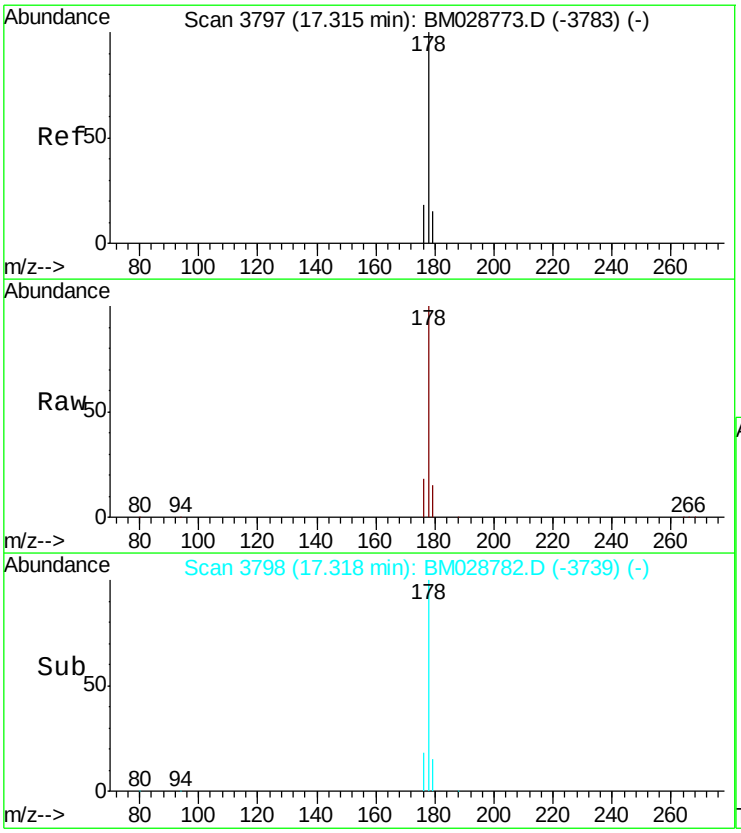
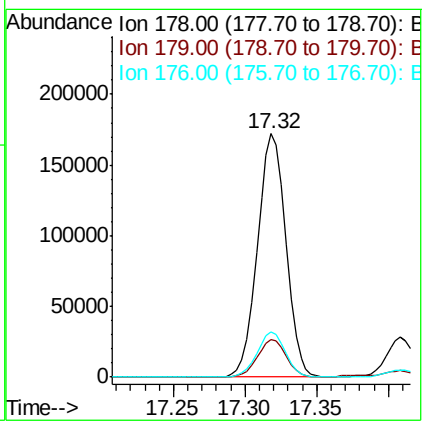
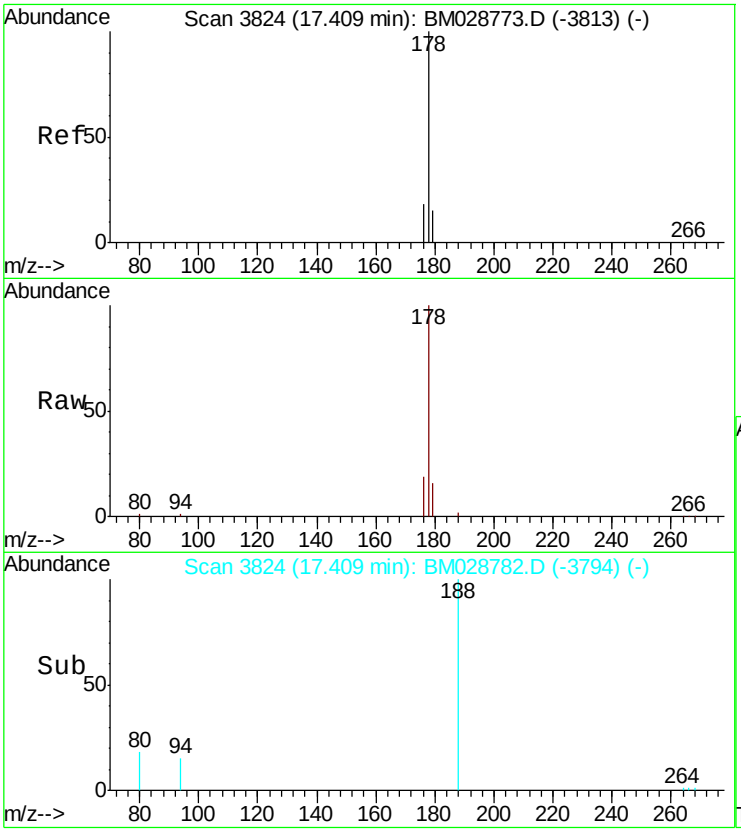


#12
Phenanthrene
Concen: 32.084 ng/ul
RT: 17.32 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:178 Resp: 237278

Ion	Ratio	Lower	Upper
178	100		
179	15.4	14.7	22.1
176	18.3	16.7	25.1





#13
Anthracene
Concen: 5.242 ng/ul
RT: 17.41 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:178 Resp: 36971

Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.0	22.4
176	18.7	16.6	24.8

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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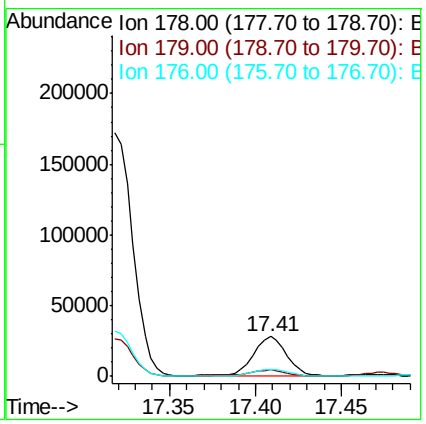
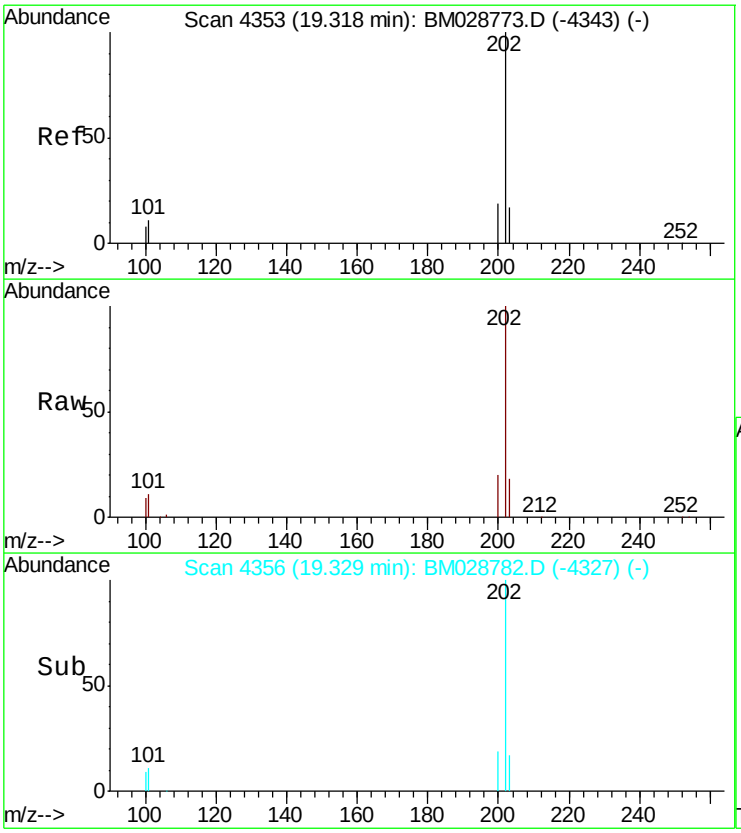
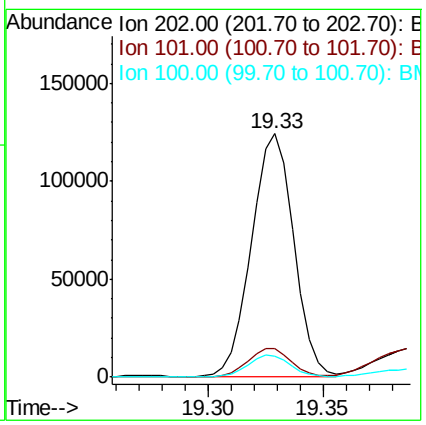


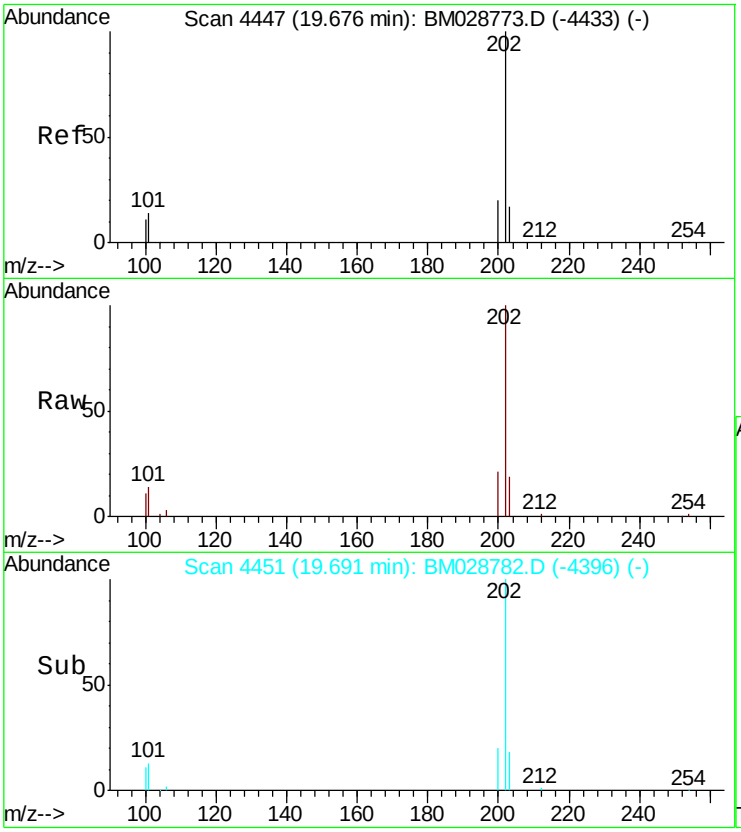


#15
Fluoranthene
Concen: 18.673 ng/ul
RT: 19.33 min Scan# 4356
Delta R.T. 0.01 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:202 Resp: 157201

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.5
100	8.8	0.0	31.7

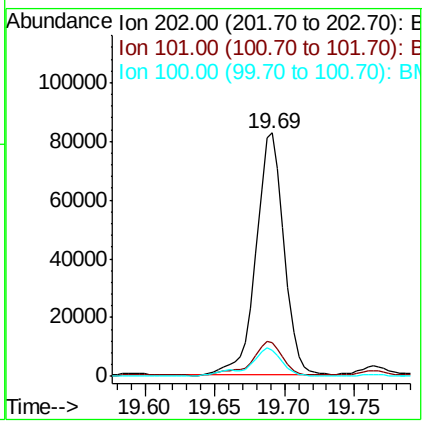




#17
Pyrene
Concen: 7.356 ng/ul
RT: 19.69 min Scan# 4451
Delta R.T. 0.01 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:202 Resp: 113748

Ion	Ratio	Lower	Upper
202	100		
101	13.7	12.7	19.1
100	10.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
DBGZ0

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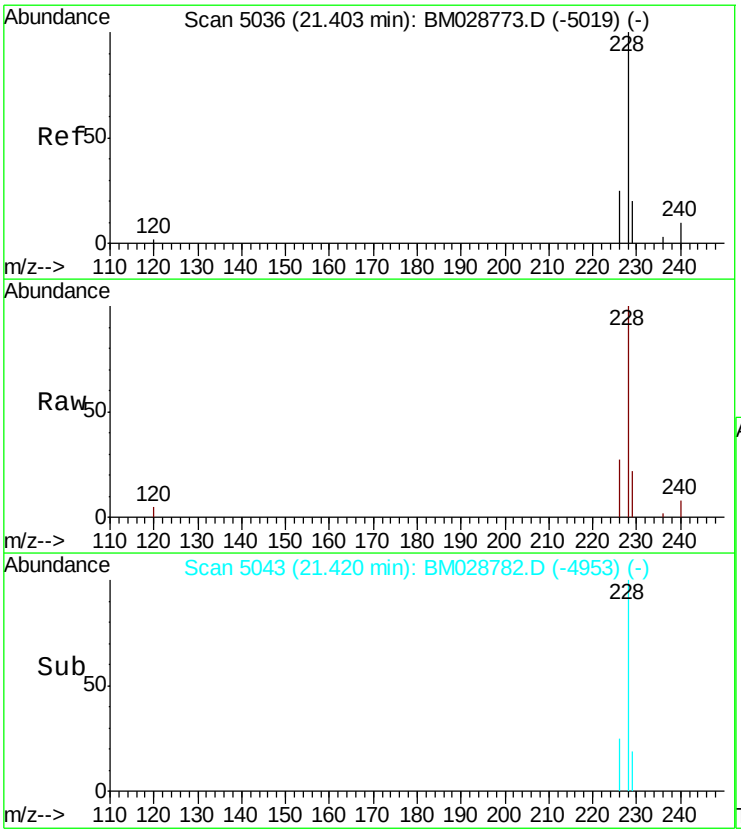
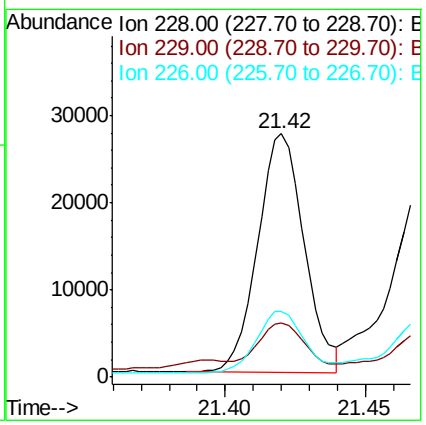
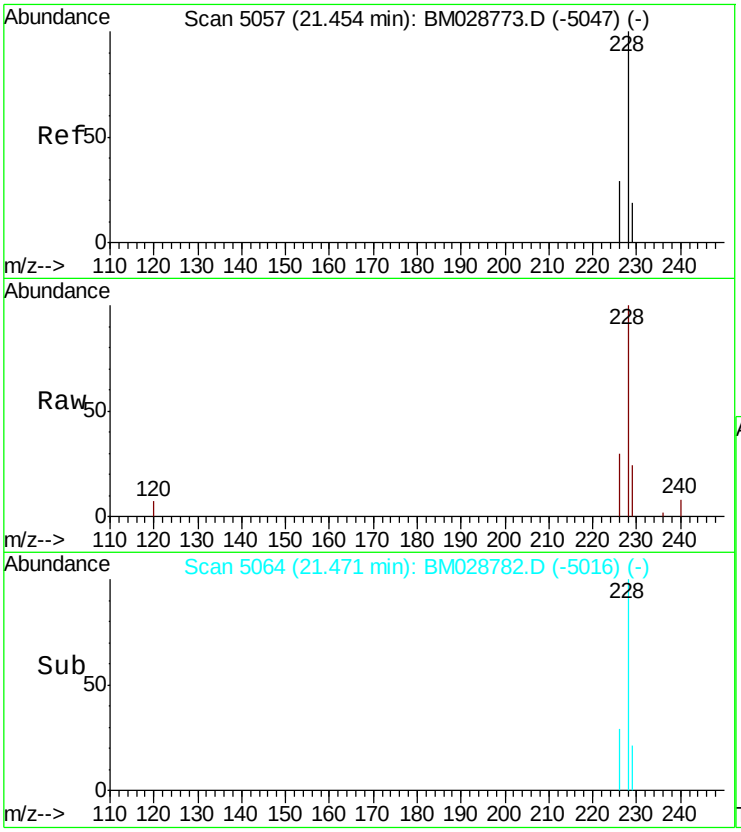


#18
Benzo(a)anthracene
Concen: 2.175 ng/ul
RT: 21.42 min Scan# 5043
Delta R.T. 0.02 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:228 Resp: 31605

Ion	Ratio	Lower	Upper
228	100		
229	22.5	18.9	28.3
226	27.1	22.6	34.0





#19
Chrysene
Concen: 2.085 ng/ul
RT: 21.47 min Scan# 5064
Delta R.T. 0.02 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:228 Resp: 30112

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	37.0
229	24.2	18.8	28.2

Instrument :
BNA_M
ClientSampleId :
DBGZ0

Manual Integrations APPROVED
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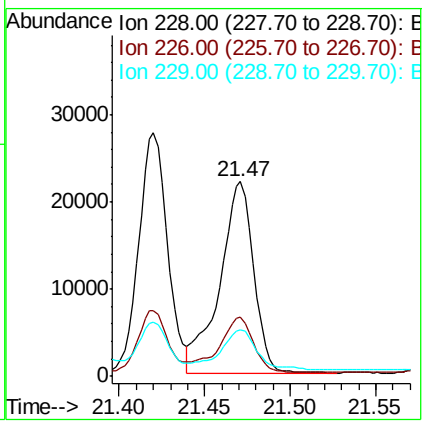
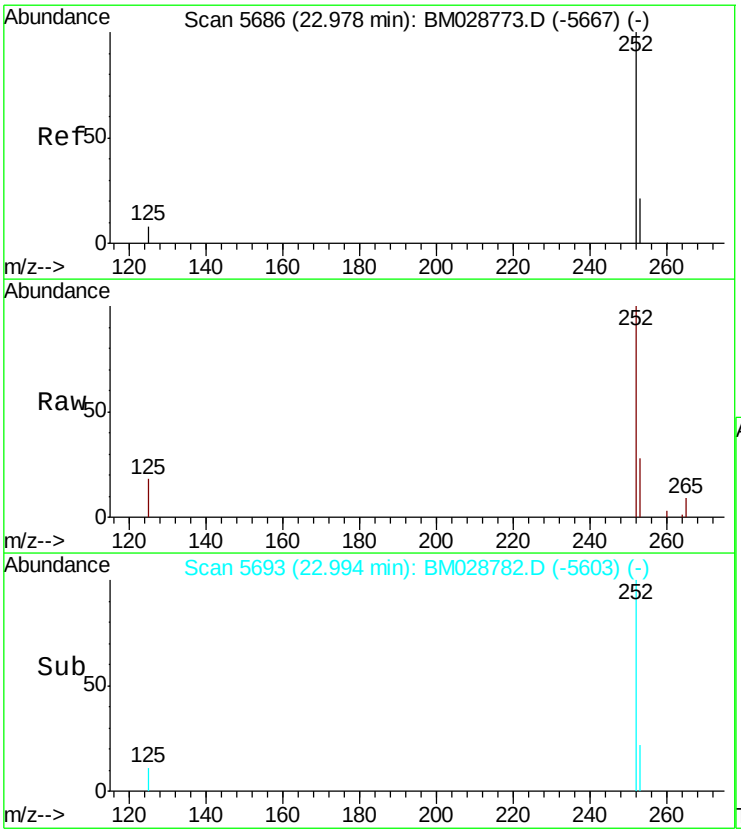
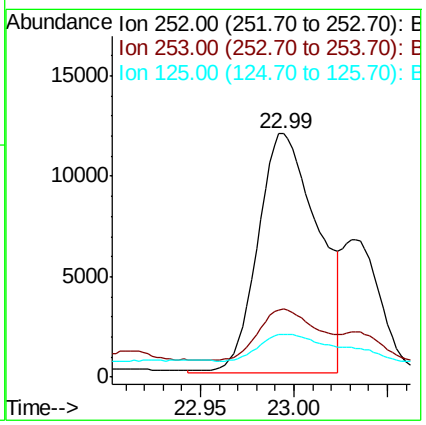


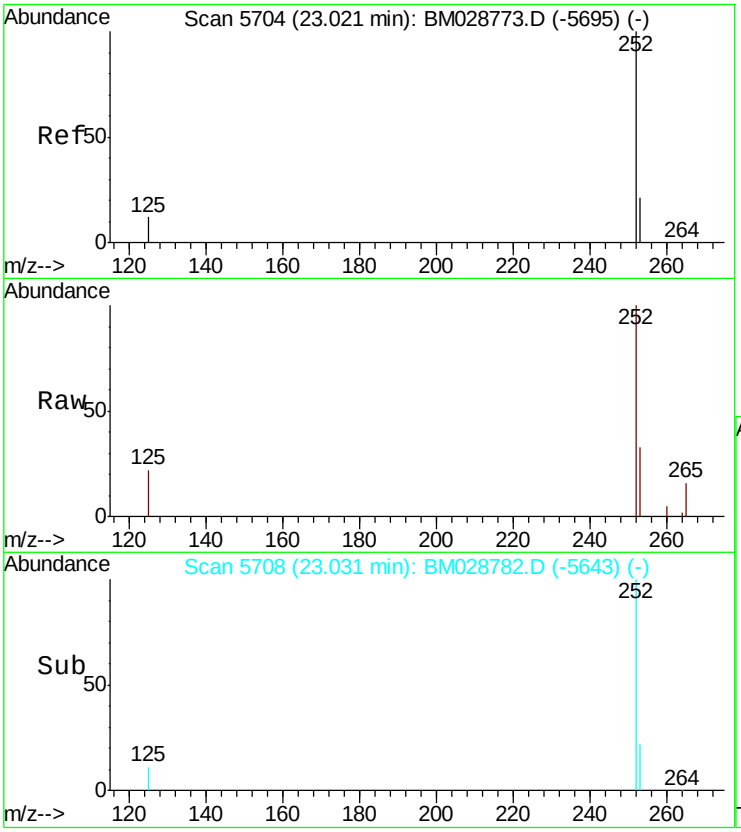


#21
Benzo(b)fluoranthene
Concen: 3.319 ng/ul m
RT: 22.99 min Scan# 5693
Delta R.T. 0.02 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:252 Resp: 26554

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	67.0
125	17.7	0.0	57.4





#22
Benzo(k)fluoranthene
Concen: 1.172 ng/ul m
RT: 23.03 min Scan# 5708
Delta R.T. 0.01 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:252 Resp: 9357

Ion	Ratio	Lower	Upper
252	100		
253	32.5	26.3	39.5
125	21.6	22.9	34.3#

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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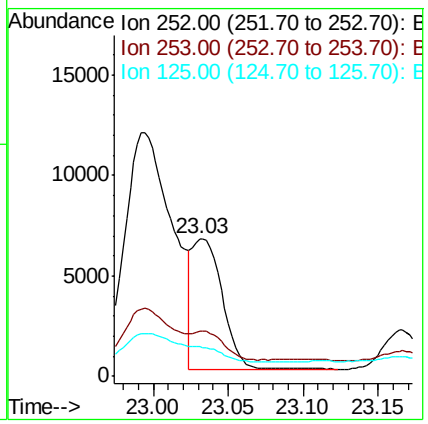
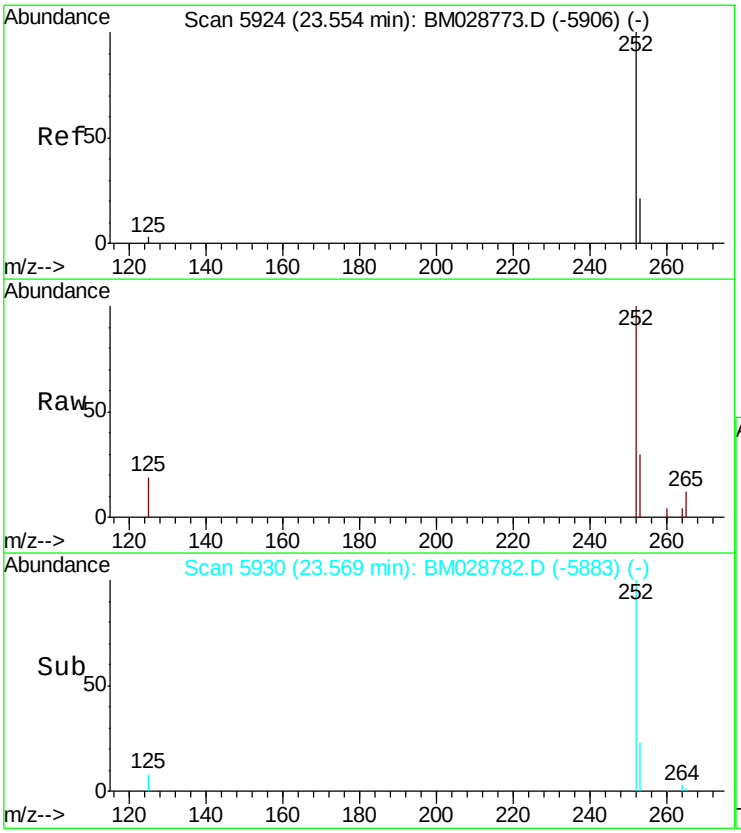
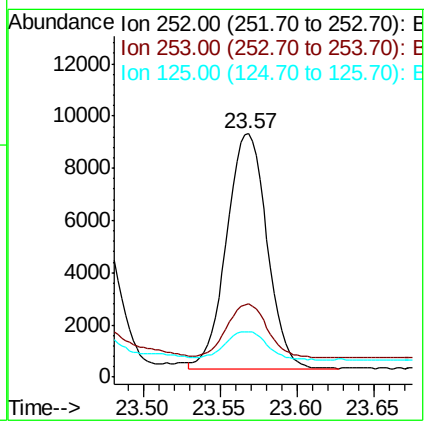


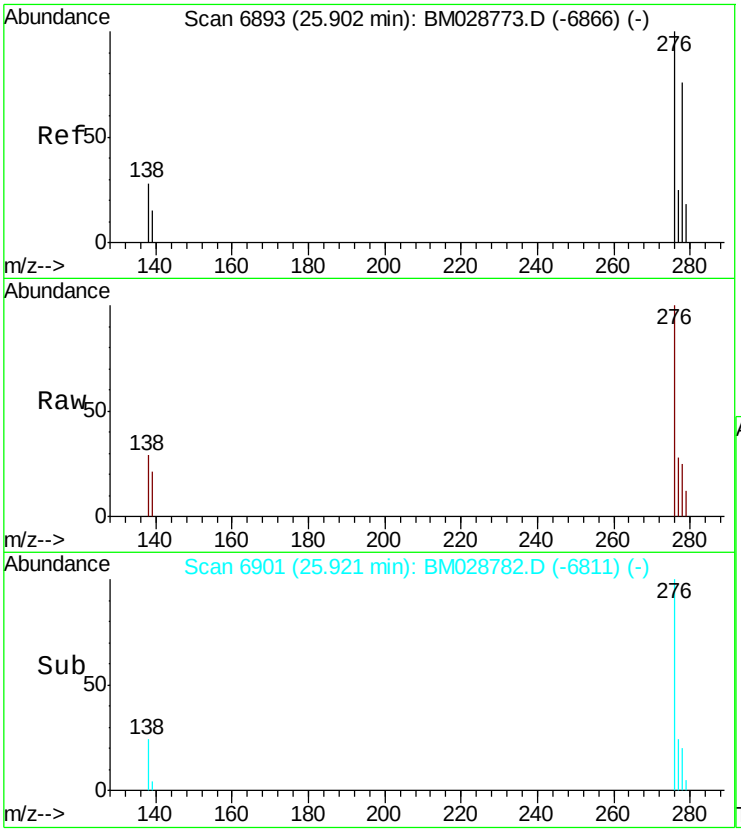


#23
Benzo(a)pyrene
Concen: 2.294 ng/ul
RT: 23.57 min Scan# 5930
Delta R.T. 0.01 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:252 Resp: 16348

Ion	Ratio	Lower	Upper
252	100		
253	30.0	28.7	43.1
125	18.7	27.9	41.9#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.980 ng/ul
RT: 25.92 min Scan# 6901
Delta R.T. 0.02 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:276 Resp: 9092

Ion	Ratio	Lower	Upper
276	100		
138	24.3	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
DBGZ0

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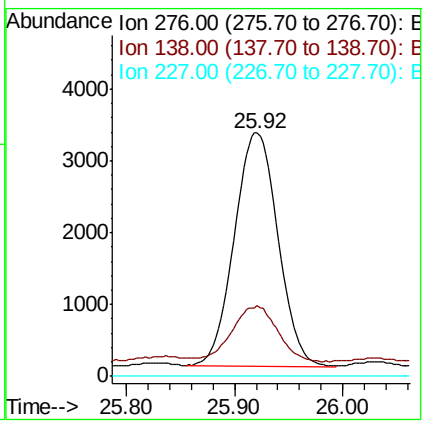
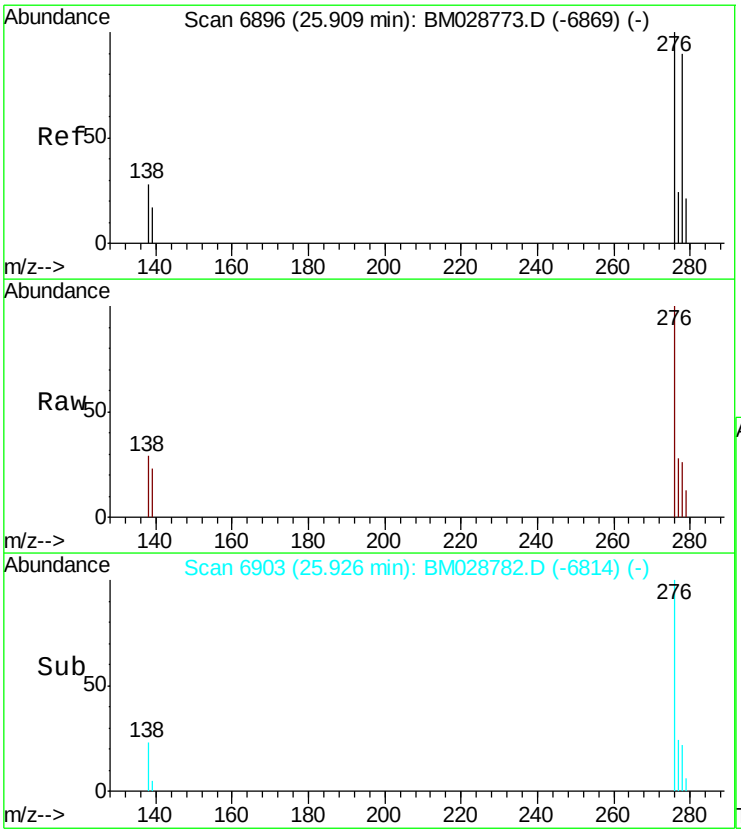
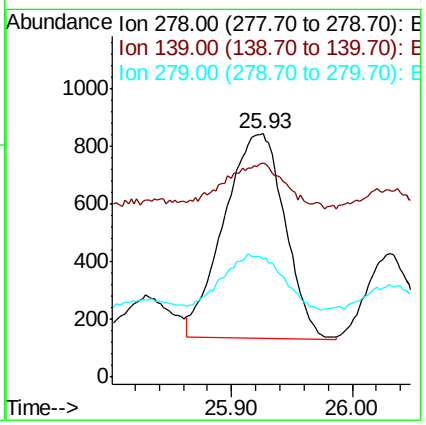


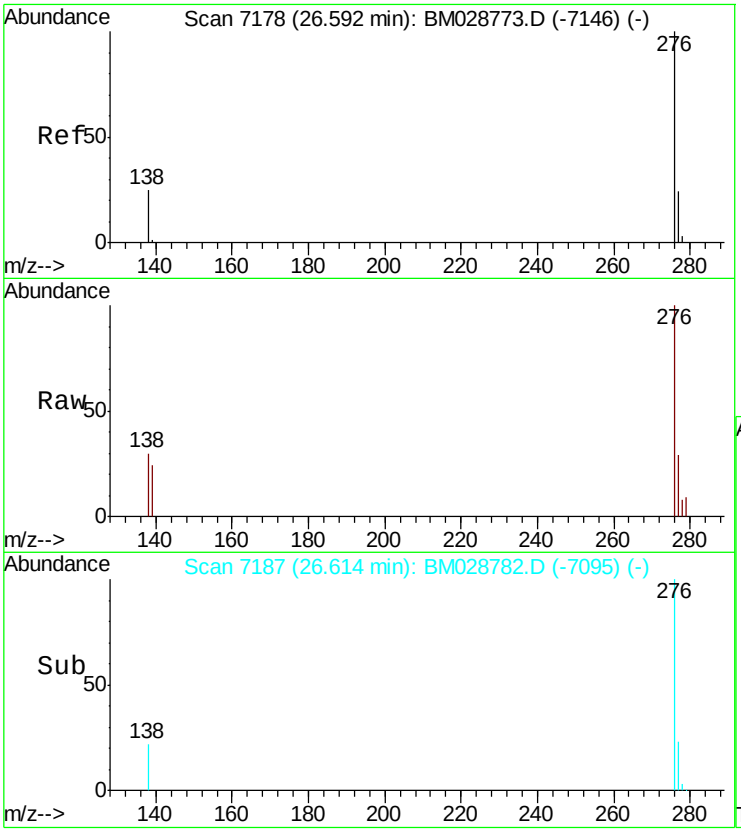


#25
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 25.93 min Scan# 6903
Delta R.T. 0.01 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:278 Resp: 2480

Ion	Ratio	Lower	Upper
278	100		
139	88.1	24.9	37.3#
279	48.8	28.3	42.5#

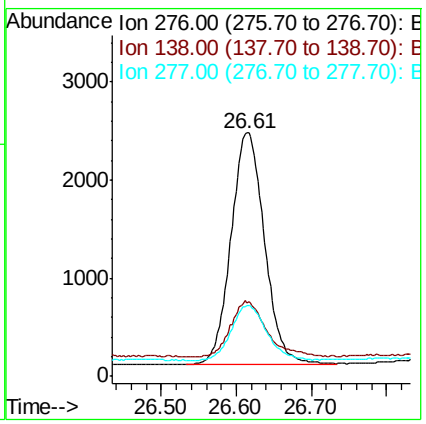




#26
Benzo(g,h,i)perylene
Concen: 0.947 ng/ul
RT: 26.61 min Scan# 7187
Delta R.T. 0.02 min
Lab File: BM028782.D
Acq: 17 Feb 2021 21:17

Tgt Ion:276 Resp: 7319

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.4	38.2
277	29.1	25.3	37.9



Instrument :
BNA_M
ClientSampleId :
DBGZ0

Manual Integrations APPROVED
mohammad
2/18/2021 1:39:27 PM