Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032273.D
Acq On : 29 Sep 2021 14:11
Operator : CG/JU
Sample : M3755-06DL 2X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

Quant Time: Sep 29 14:41:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7103	0.400	ng/ul	0.00
4) Naphthalene-d8	10.446	136	21679	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.299	164	9526	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.025	188	16649	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	12422	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	11240	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	8149	1.067	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.038	152	1857	0.064	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2840	0.084	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.495	128	2157	0.034	ng/ul#	89
7) 2-Methylnaphthalene	12.110	142	900	0.022	ng/ul	94
10) Acenaphthylene	14.015	152	1567	0.041	ng/ul#	87
15) Phenanthrene	17.066	178	18266	0.337	ng/ul	99
16) Anthracene	17.157	178	5766	0.129	ng/ul	96
19) Fluoranthene	19.075	202	40144	0.774	ng/ul	100
20) Pyrene	19.437	202	37714	0.725	ng/ul	99
21) Benzo(a)anthracene	21.173	228	14901	0.339	ng/ul	98
22) Chrysene	21.224	228	16820	0.327	ng/ul	98
24) Benzo(b)fluoranthene	22.708	252	18298m	0.314	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	6779m	0.120	ng/ul	
26) Benzo(a)pyrene	23.255	252	13248	0.302	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.489	276	7431	0.133	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.492	278	1856	0.041	ng/ul#	44
29) Benzo(g,h,i)perylene	26.148	276	6579	0.124	ng/ul	94

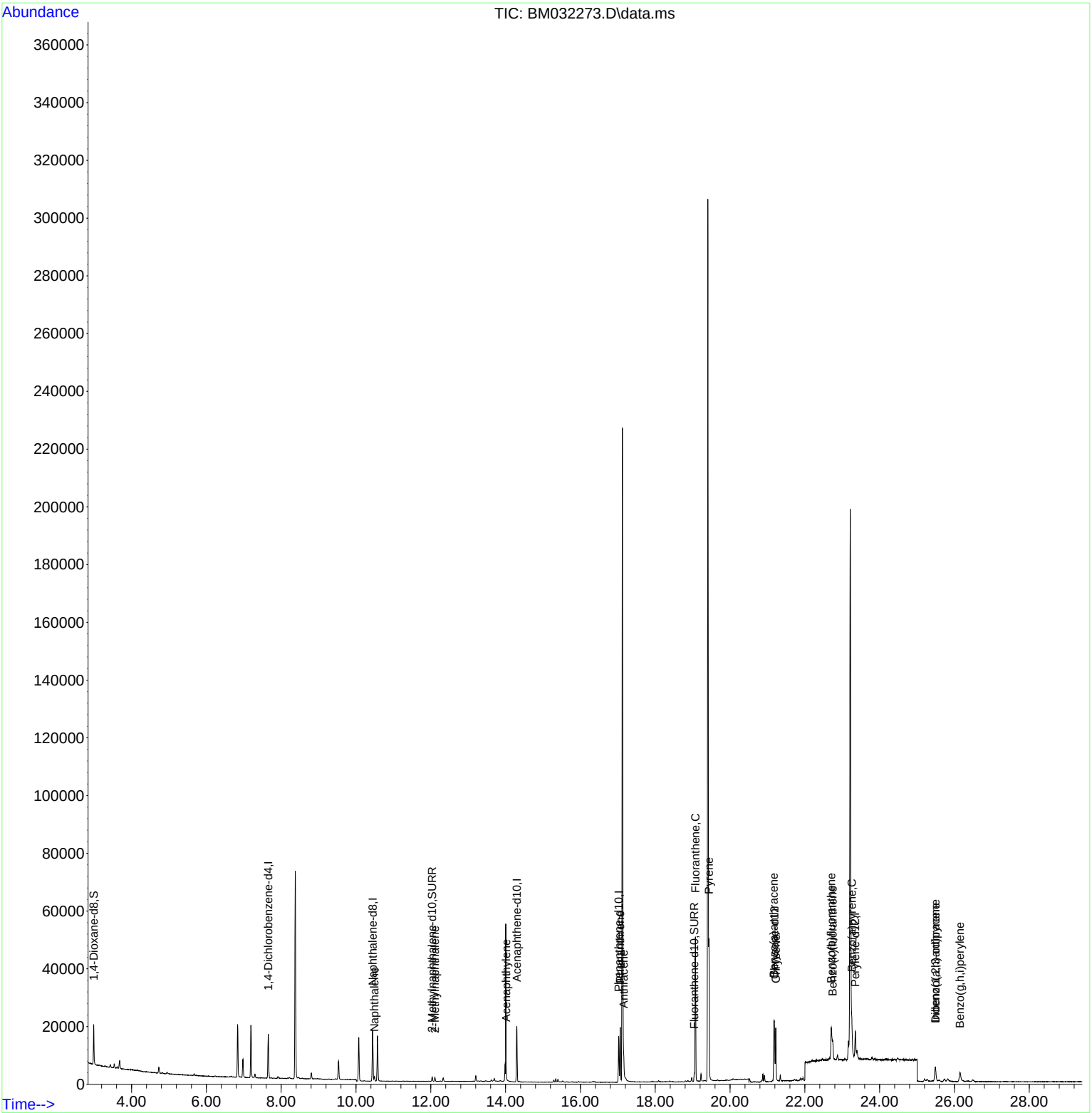
(#) = qualifier out of range (m) = manual integration (+) = signals summed

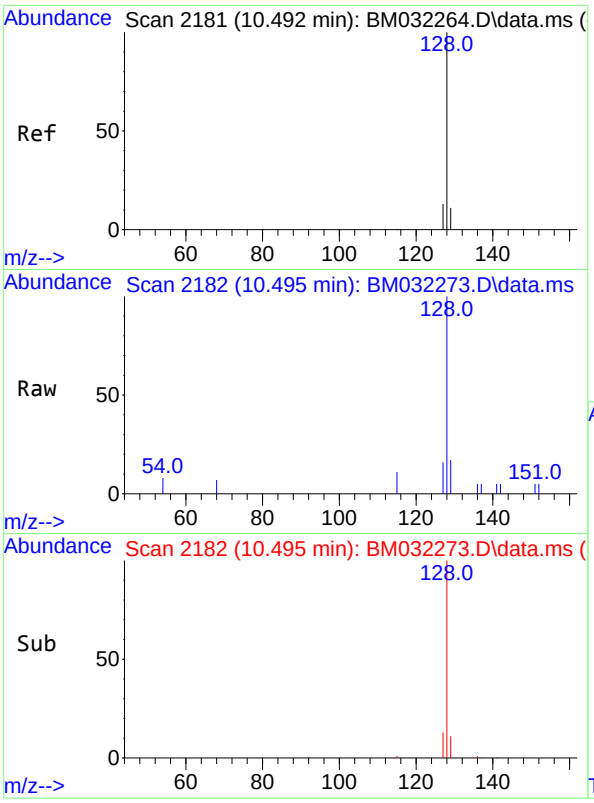
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032273.D
Acq On : 29 Sep 2021 14:11
Operator : CG/JU
Sample : M3755-06DL 2X
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Sep 29 14:41:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

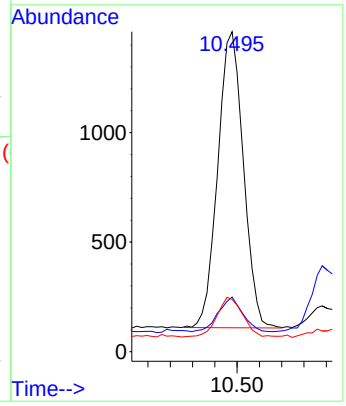




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.495 min Scan# 2182
Delta R.T. -0.010 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

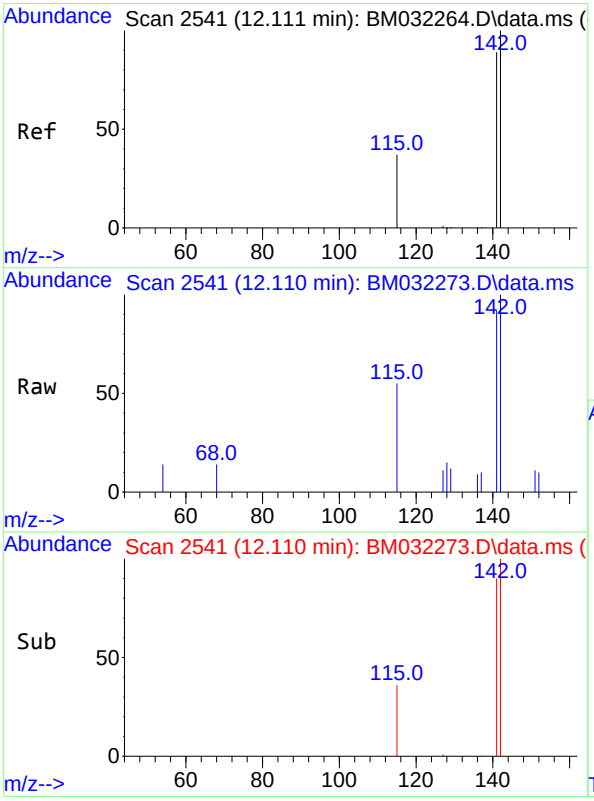
Tgt Ion:128 Resp: 2157

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.0	13.4#
127	16.4	10.5	15.7#



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

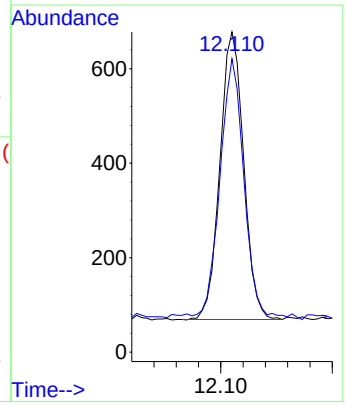
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

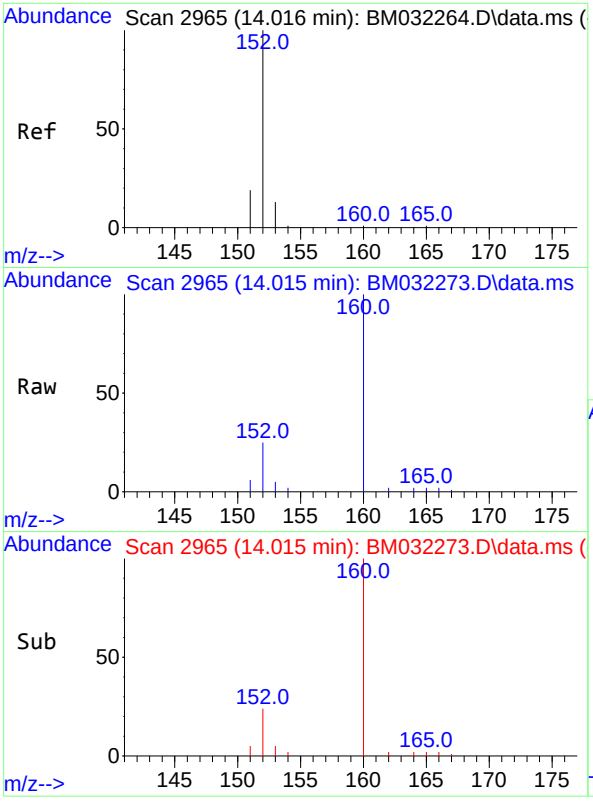


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.110 min Scan# 2541
Delta R.T. -0.010 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:142 Resp: 900

Ion	Ratio	Lower	Upper
142	100		
141	94.4	71.2	106.8

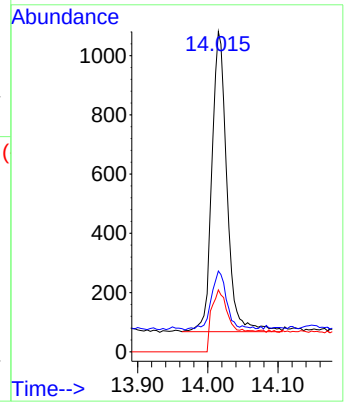




#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.015 min Scan# 2965
Delta R.T. -0.009 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

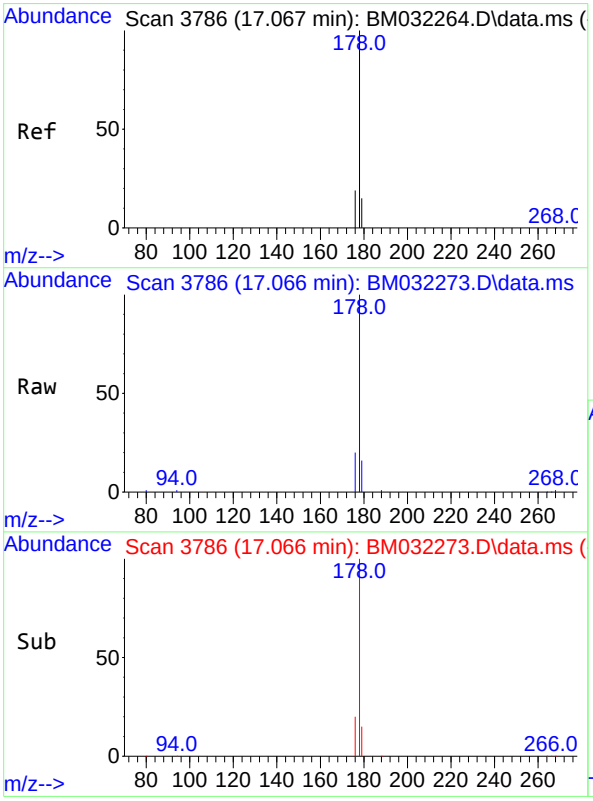
Tgt Ion:152 Resp: 1567

Ion	Ratio	Lower	Upper
152	100		
151	25.3	16.0	24.0#
153	19.3	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

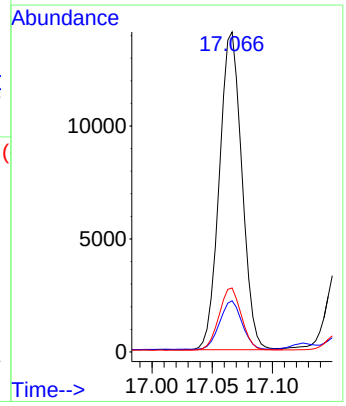
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

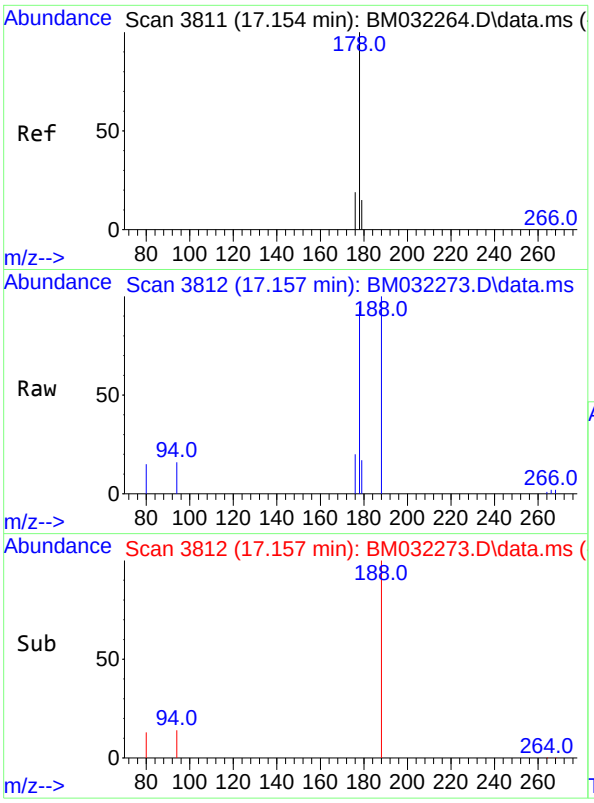


#15
Phenanthrene
Concen: 0.337 ng/ul
RT: 17.066 min Scan# 3786
Delta R.T. -0.008 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:178 Resp: 18266

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	20.0	15.8	23.6

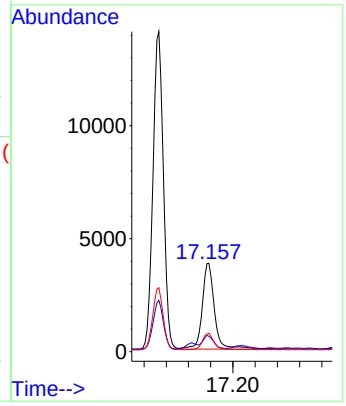




#16
Anthracene
Concen: 0.129 ng/ul
RT: 17.157 min Scan# 3812
Delta R.T. -0.008 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

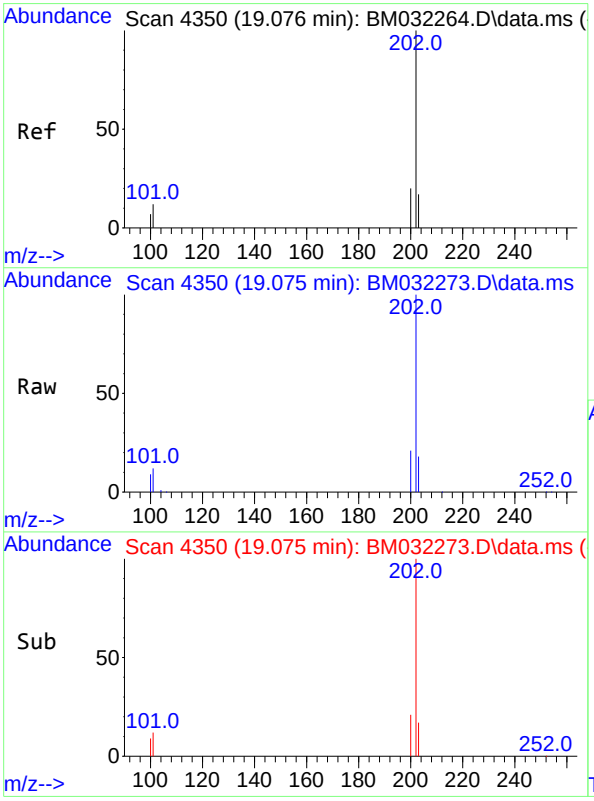
Tgt Ion:178 Resp: 5766

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.7	19.1
176	21.0	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

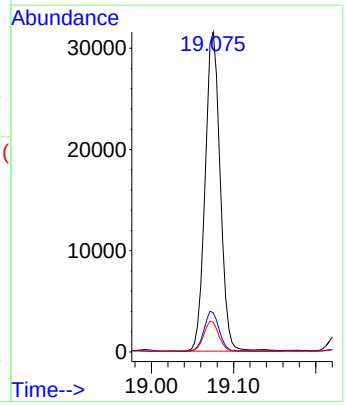
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

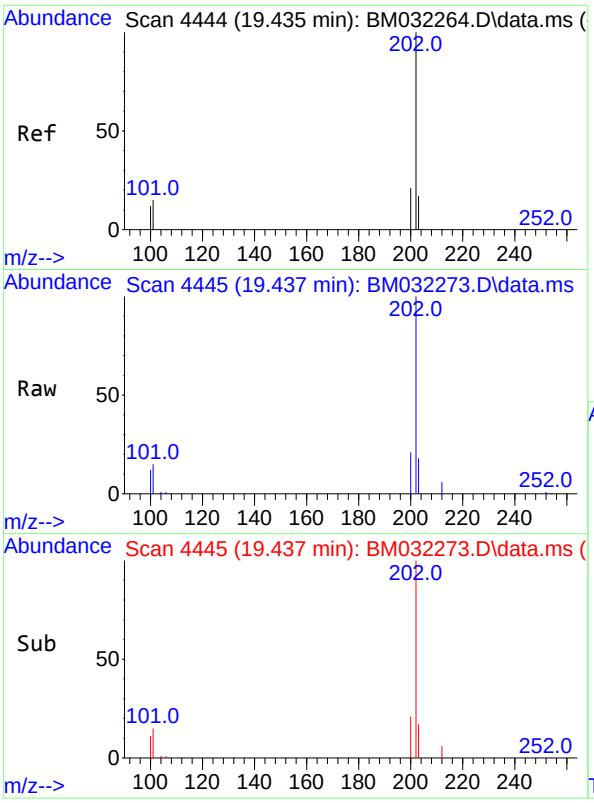


#19
Fluoranthene
Concen: 0.774 ng/ul
RT: 19.075 min Scan# 4350
Delta R.T. -0.009 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:202 Resp: 40144

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	9.2	7.2	10.8

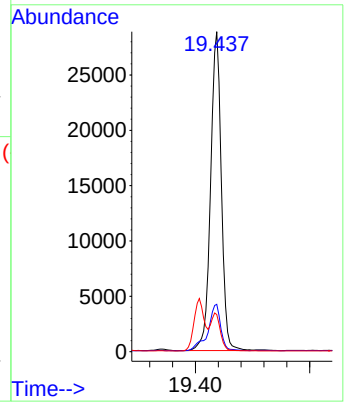




#20
Pyrene
Concen: 0.725 ng/ul
RT: 19.437 min Scan# 4445
Delta R.T. -0.005 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

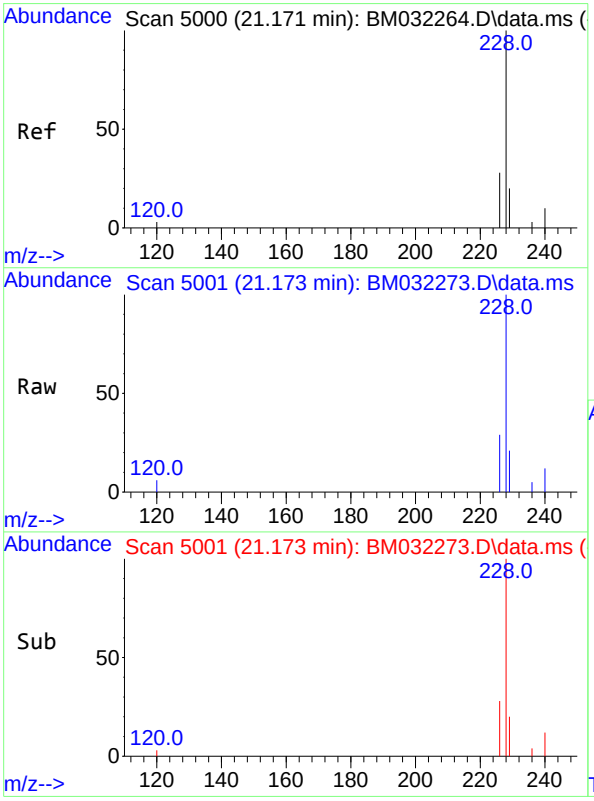
Tgt Ion:202 Resp: 37714

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.1	18.1
100	11.6	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

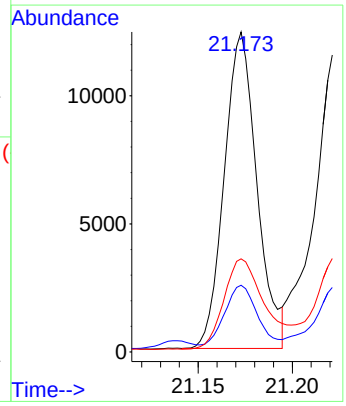
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

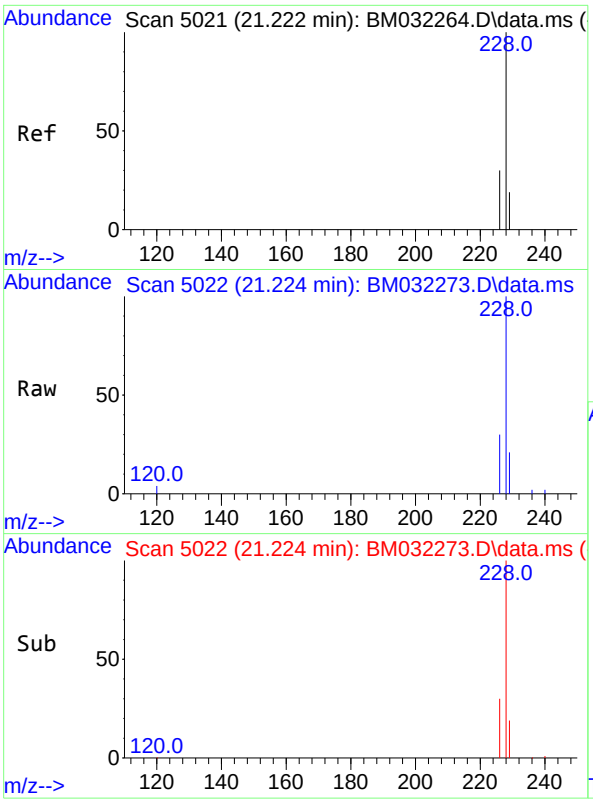


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.173 min Scan# 5001
Delta R.T. -0.006 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:228 Resp: 14901

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.1	22.3	33.5

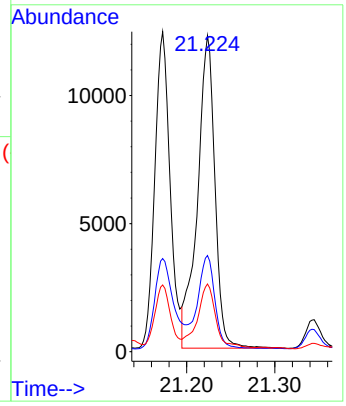


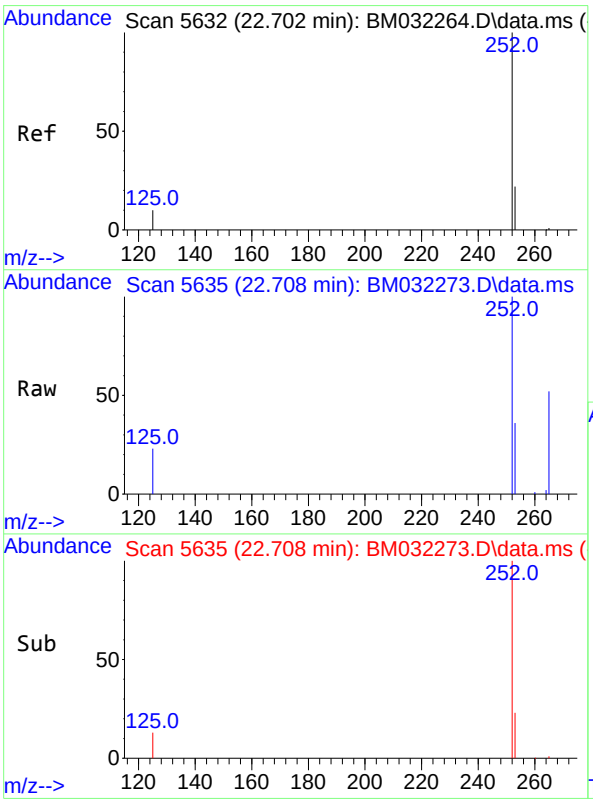


#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.224 min Scan# 5022
Delta R.T. -0.006 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:228 Resp: 16820

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	21.4	15.6	23.4

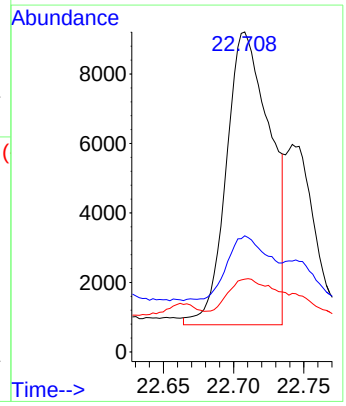




#24
Benzo(b)fluoranthene
Concen: 0.314 ng/ul m
RT: 22.708 min Scan# 5635
Delta R.T. -0.006 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

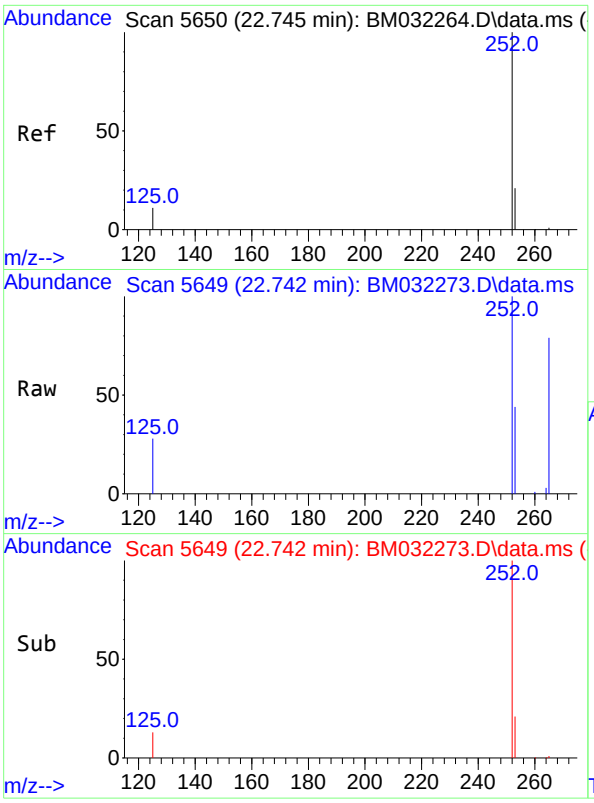
Tgt Ion:252 Resp: 18298

Ion	Ratio	Lower	Upper
252	100		
253	36.3	0.0	58.0
125	22.7	0.0	31.4



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

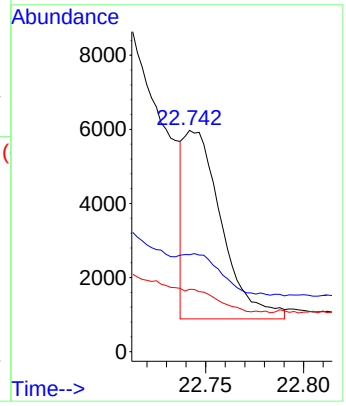
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

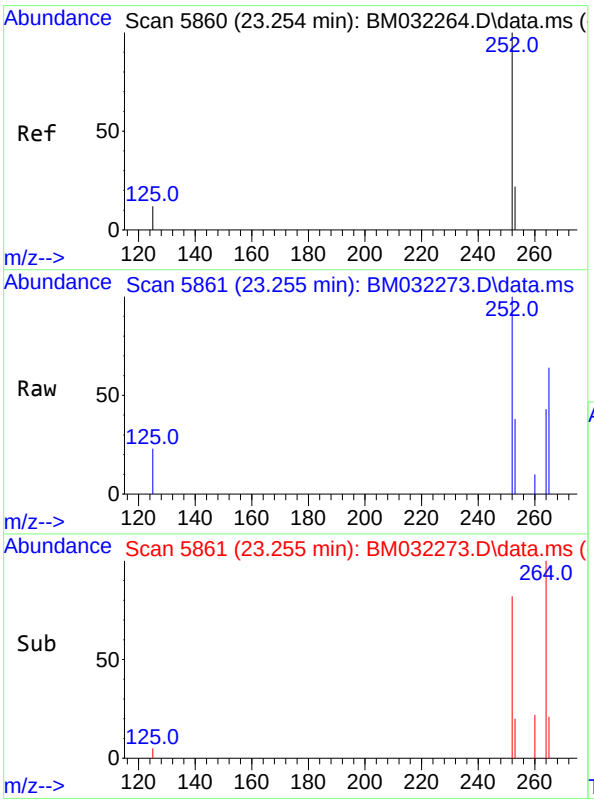


#25
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.742 min Scan# 5649
Delta R.T. -0.013 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:252 Resp: 6779

Ion	Ratio	Lower	Upper
252	100		
253	43.8	22.9	34.3#
125	28.2	12.9	19.3#

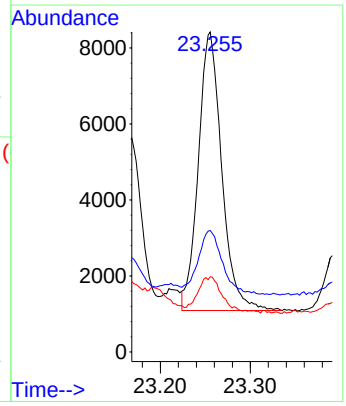




#26
Benzo(a)pyrene
Concen: 0.302 ng/ul
RT: 23.255 min Scan# 5861
Delta R.T. -0.008 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

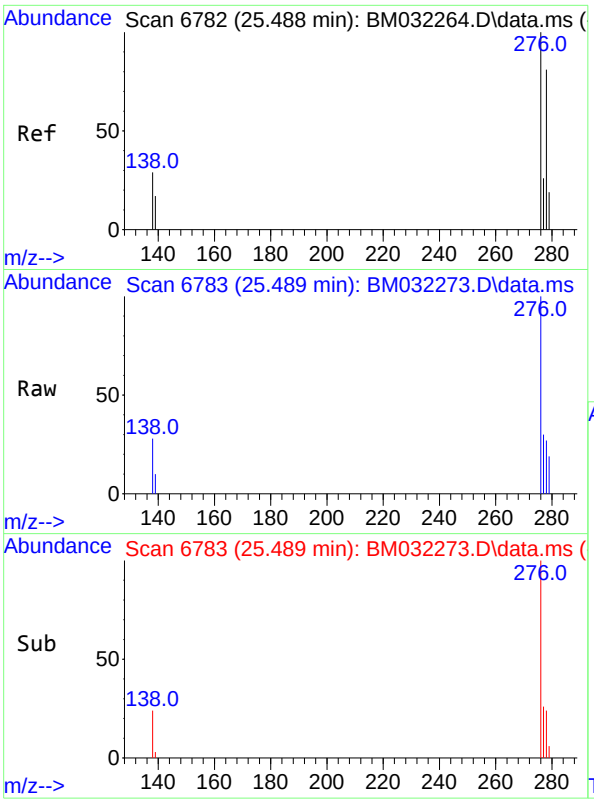
Tgt Ion:252 Resp: 13248

Ion	Ratio	Lower	Upper
252	100		
253	37.9	25.8	38.8
125	23.5	15.4	23.2#



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

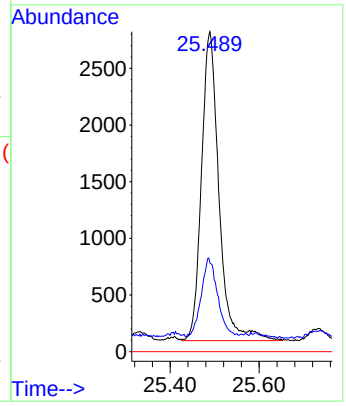
Manual Integrations APPROVED
mohammad
9/30/2021 11:29:39 AM

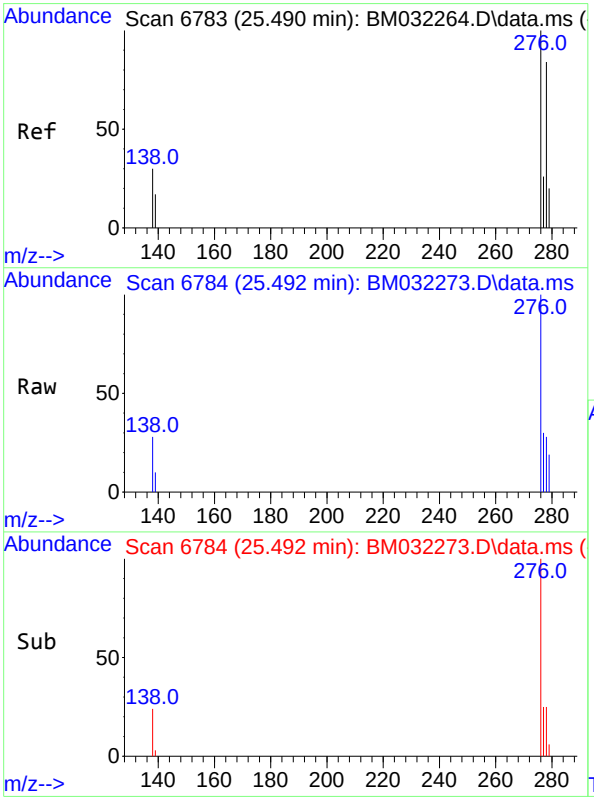


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.489 min Scan# 6783
Delta R.T. -0.016 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:276 Resp: 7431

Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.3	36.5#
227	0.0	0.0	0.0

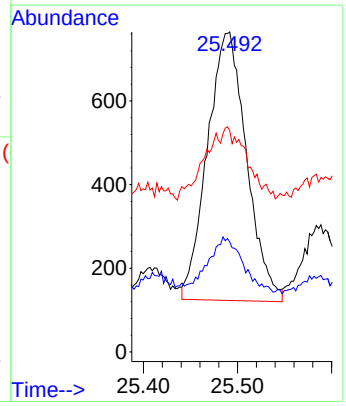




#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.492 min Scan# 6784
Delta R.T. -0.018 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:278 Resp: 1856

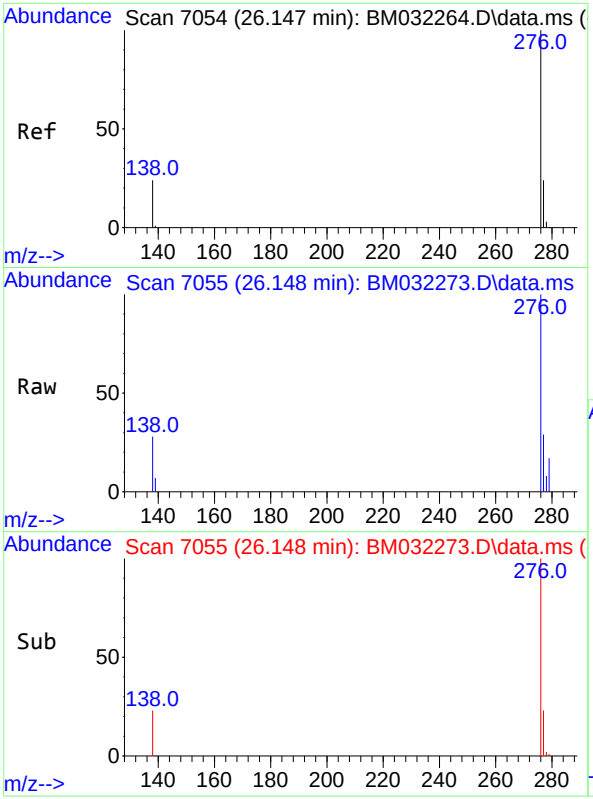
Ion	Ratio	Lower	Upper
278	100		
139	34.4	16.6	24.8#
279	69.2	23.0	34.6#



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
mohammad

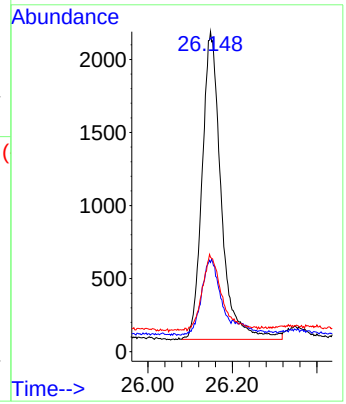
9/30/2021 11:29:39 AM



#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.148 min Scan# 7055
Delta R.T. -0.016 min
Lab File: BM032273.D
Acq: 29 Sep 2021 14:11

Tgt Ion:276 Resp: 6579

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.4
277	29.5	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
C0AL0DL

Manual Integrations APPROVED
mohammad

9/30/2021 11:29:39 AM