

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032485.D
 Acq On : 04 Jul 2024 21:46
 Operator : MA/JU
 Sample : P3065-09
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CD7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:08:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	20407	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11258	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	21501m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	18611m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	22091m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24059	3.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	5715	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	11106m	0.198	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	7266	0.135	ng/ul#	96
7) 2-Methylnaphthalene	12.048	142	2785	0.078	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	1990	0.054	ng/ul	97
10) Acenaphthylene	13.966	152	17111	0.365	ng/ul	98
11) Acenaphthene	14.309	153	5478	0.151	ng/ul	99
12) Fluorene	15.303	166	7641	0.176	ng/ul#	98
15) Phenanthrene	17.041	178	162304m	2.753	ng/ul	
16) Anthracene	17.134	178	35526m	0.676	ng/ul	
19) Fluoranthene	19.069	202	331691m	4.680	ng/ul	
20) Pyrene	19.436	202	230582m	3.113	ng/ul	
21) Benzo(a)anthracene	21.191	228	162784m	2.423	ng/ul	
22) Chrysene	21.244	228	191173m	2.593	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	276391m	2.880	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	96579m	1.036	ng/ul	
26) Benzo(a)pyrene	23.325	252	92226m	1.381	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.653	276	94501m	0.904	ng/ul	
28) Dibenzo(a,h)anthracene	25.653	278	35298m	0.454	ng/ul	
29) Benzo(g,h,i)perylene	26.344	276	14975m	0.180	ng/ul	

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

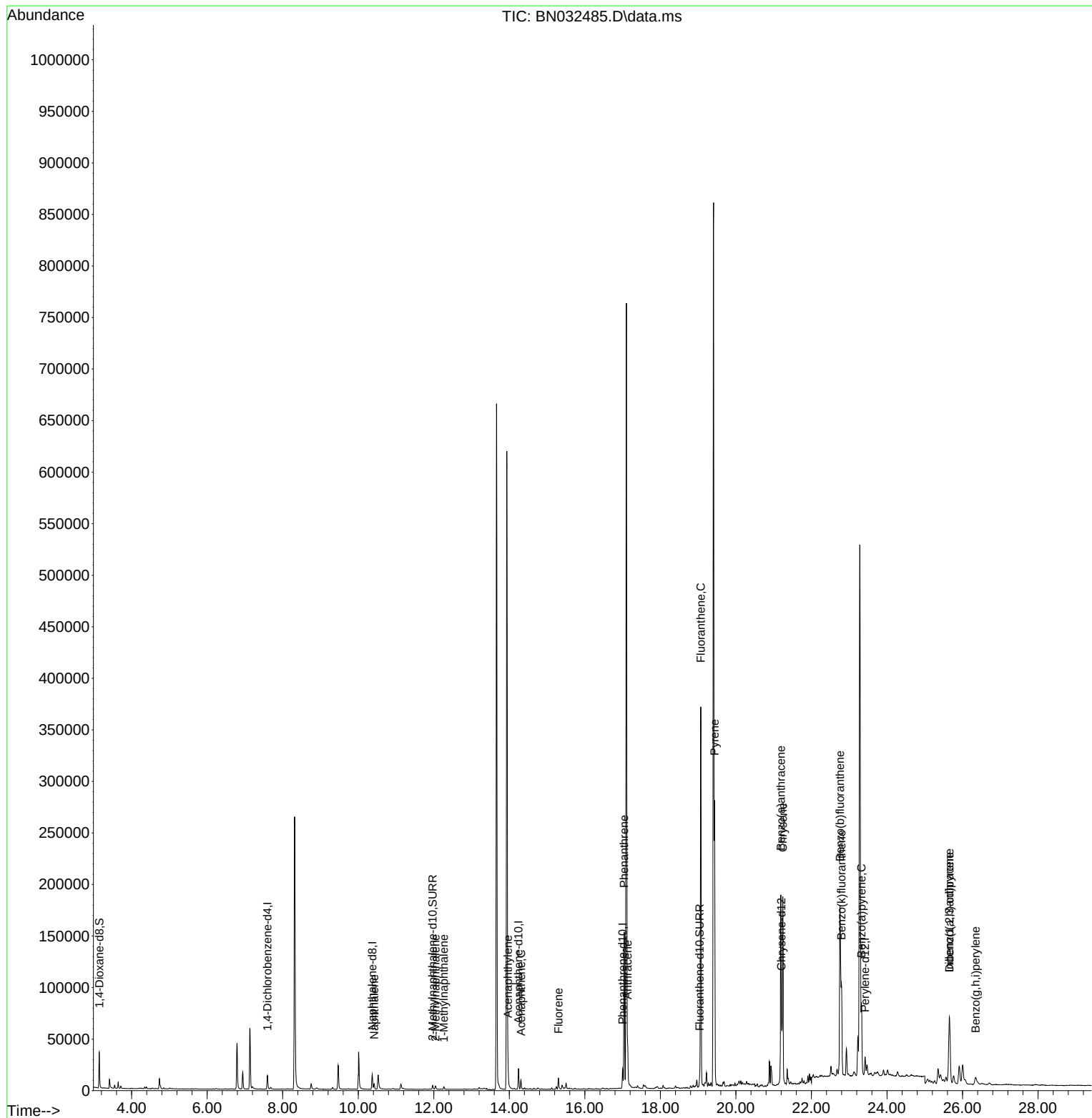
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032485.D
Acq On : 04 Jul 2024 21:46
Operator : MA/JU
Sample : P3065-09
Misc :
ALS Vial : 58 Sample Multiplier: 1

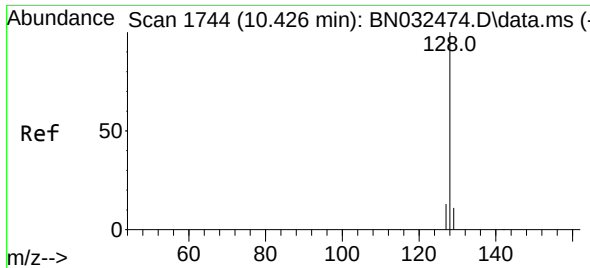
Instrument :
BNA_N
ClientSampleId :
A4CD7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

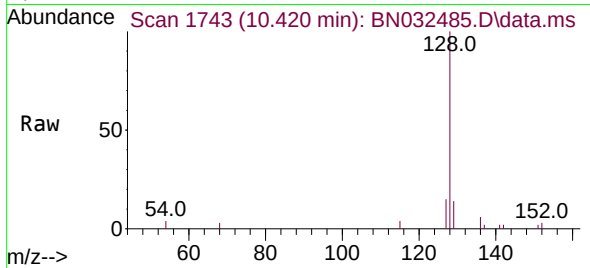
Quant Time: Jul 04 23:08:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

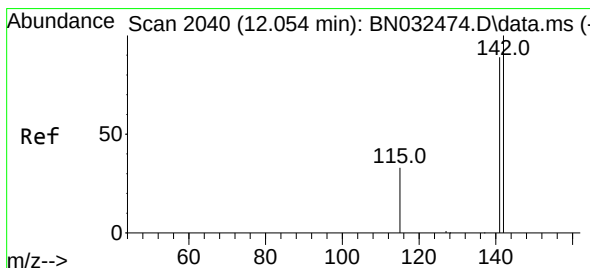
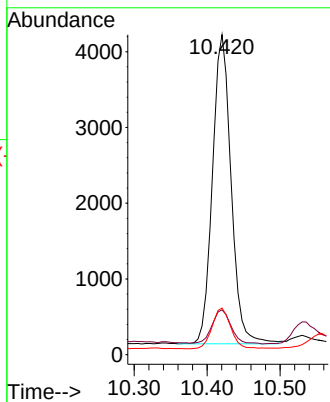
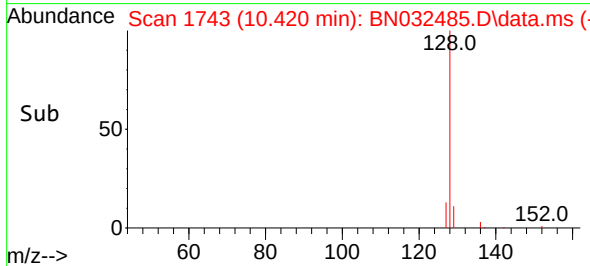
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:128 Resp: 7260
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8
127 14.5 10.8 16.2

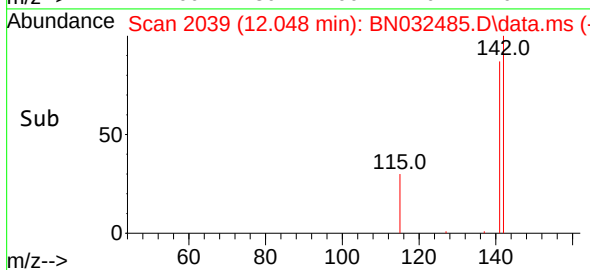
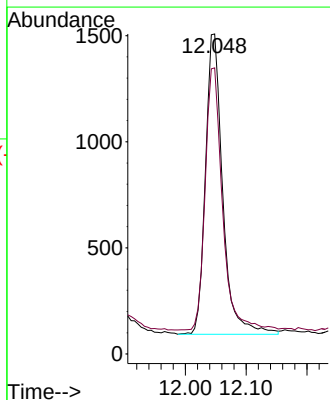
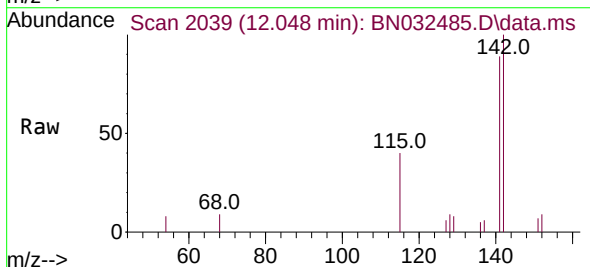
Manual Integrations
APPROVED

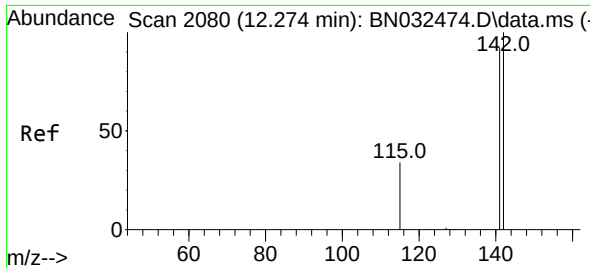
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

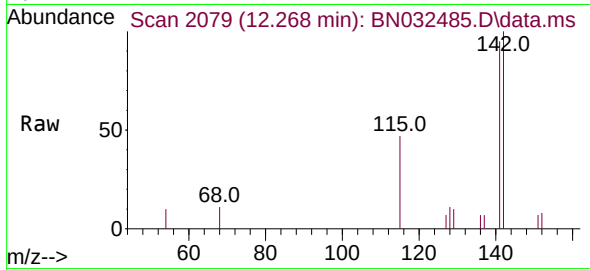
Tgt Ion:142 Resp: 2785
Ion Ratio Lower Upper
142 100
141 87.3 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

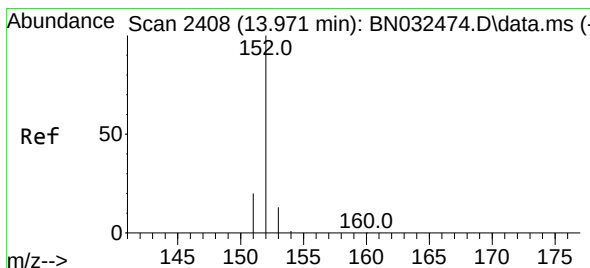
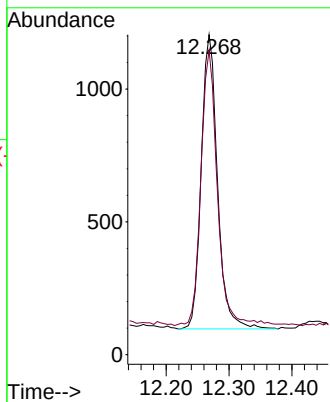
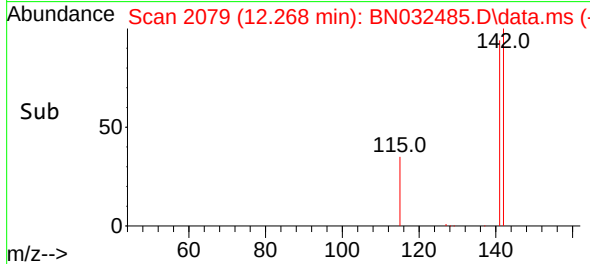
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:142 Resp: 1990
Ion Ratio Lower Upper
142 100
141 94.4 73.4 110.0

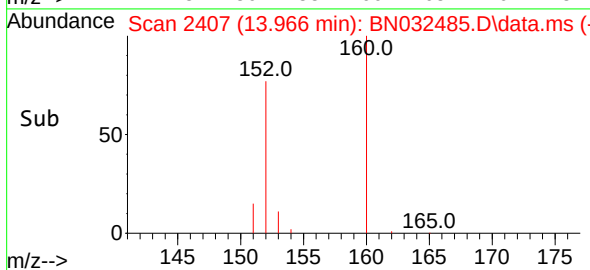
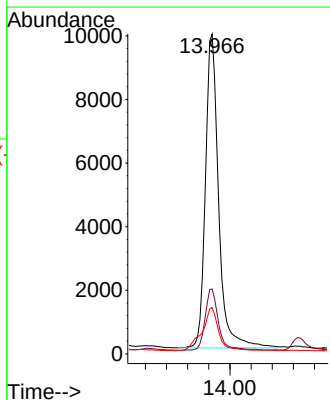
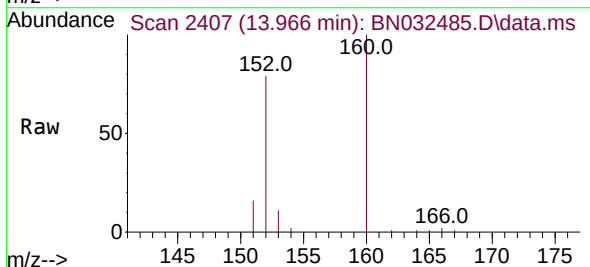
Manual Integrations
APPROVED

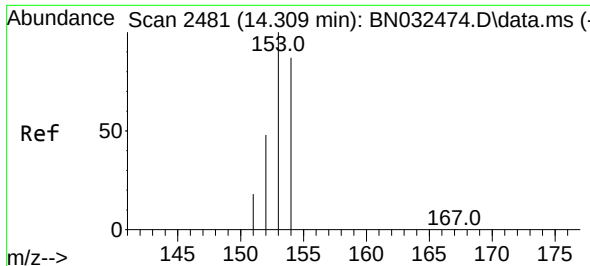
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

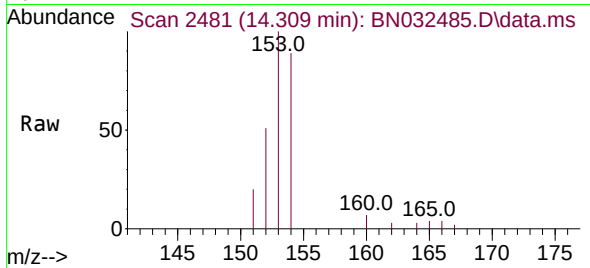
Tgt Ion:152 Resp: 17111
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 0.151 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

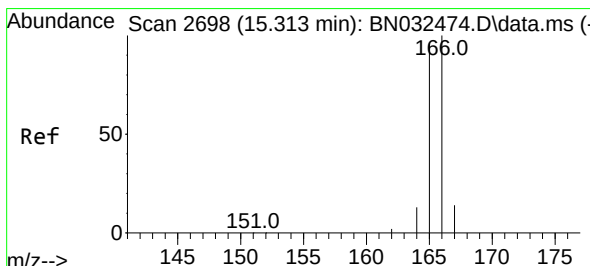
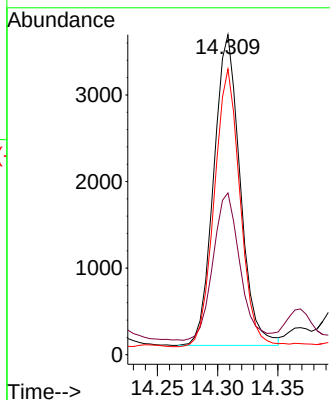
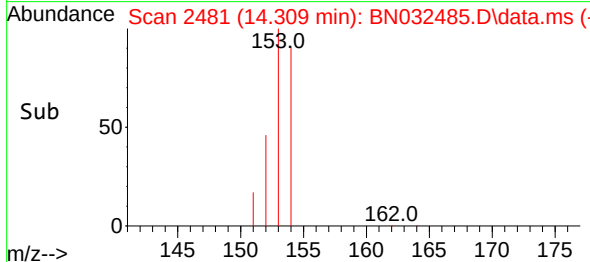
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:153 Resp: 5478
Ion Ratio Lower Upper
153 100
152 50.5 39.5 59.3
154 89.2 71.7 107.5

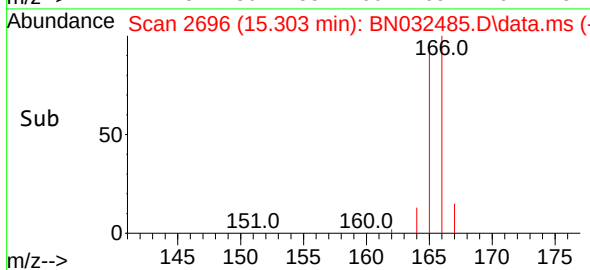
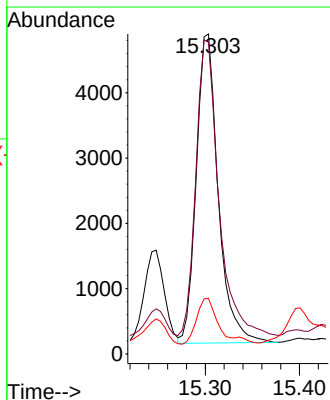
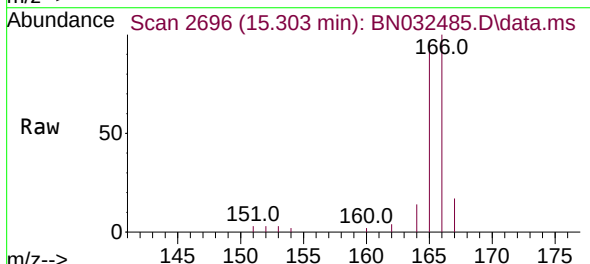
Manual Integrations
APPROVED

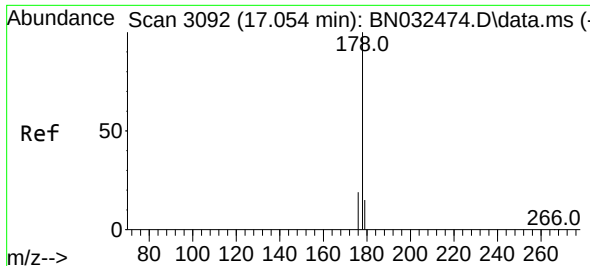
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#12
Fluorene
Concen: 0.176 ng/ul
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

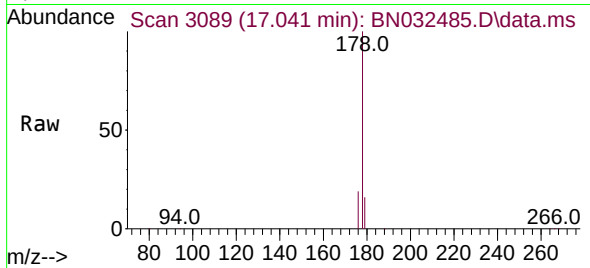
Tgt Ion:166 Resp: 7641
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 17.4 11.0 16.6#





#15
Phenanthrene
Concen: 2.753 ng/ul m
RT: 17.041 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

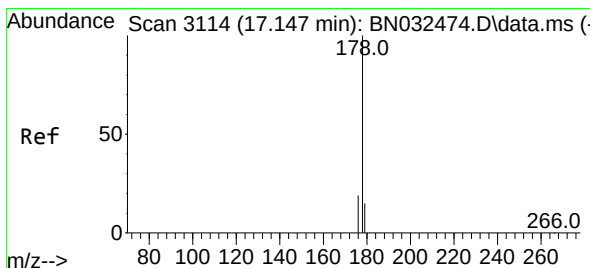
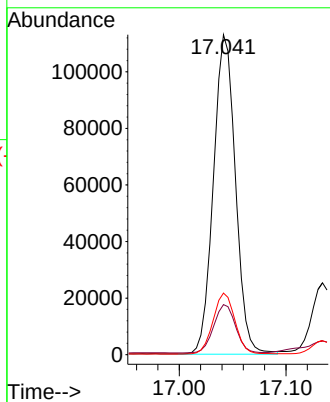
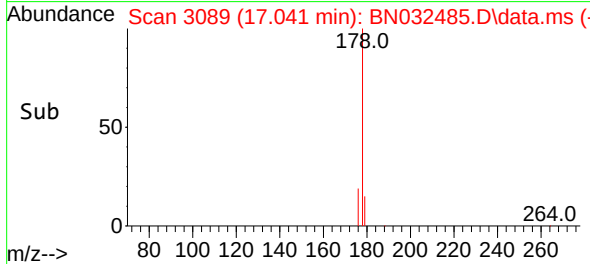
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:178 Resp: 162304
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.3 15.6 23.4

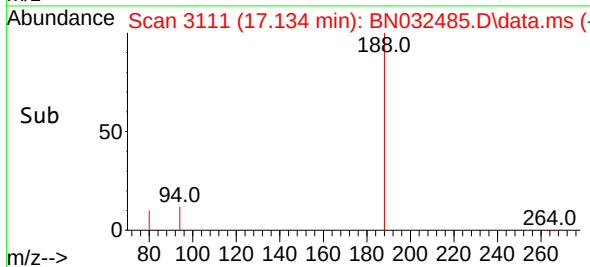
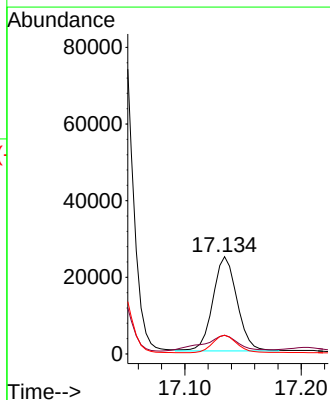
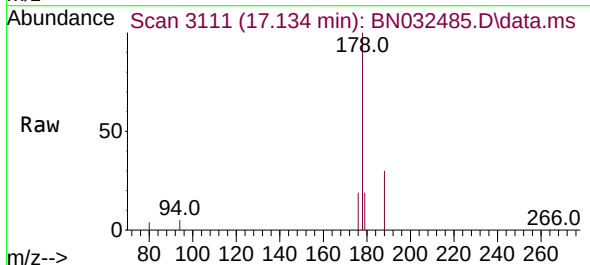
Manual Integrations
APPROVED

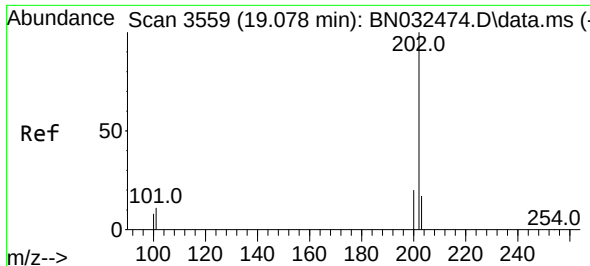
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 0.676 ng/ul m
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

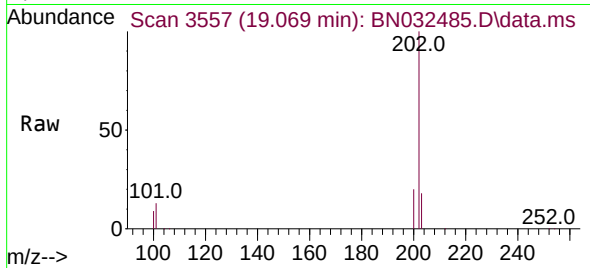
Tgt Ion:178 Resp: 35526
Ion Ratio Lower Upper
178 100
179 19.2 12.5 18.7#
176 19.3 15.0 22.6





#19
Fluoranthene
Concen: 4.680 ng/ul m
RT: 19.069 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

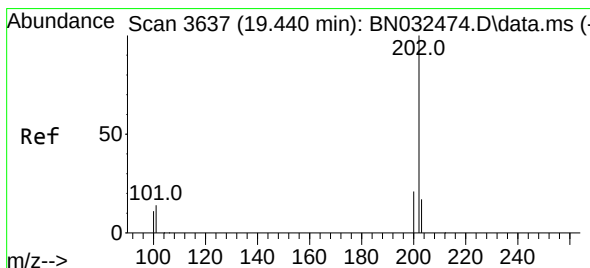
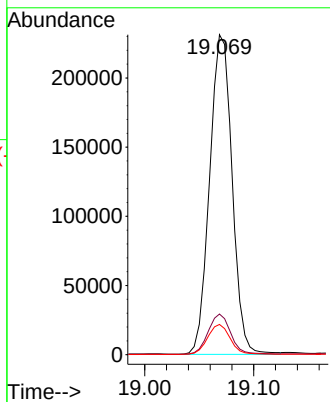
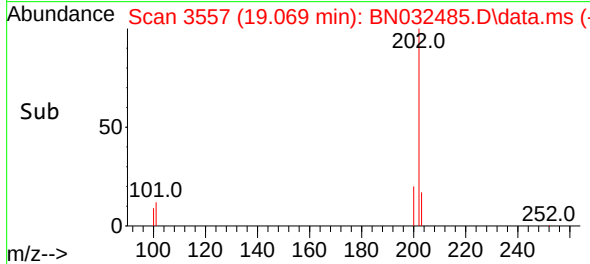
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:202 Resp: 33169
Ion Ratio Lower Upper
202 100
101 12.7 8.8 13.2
100 9.5 6.4 9.6

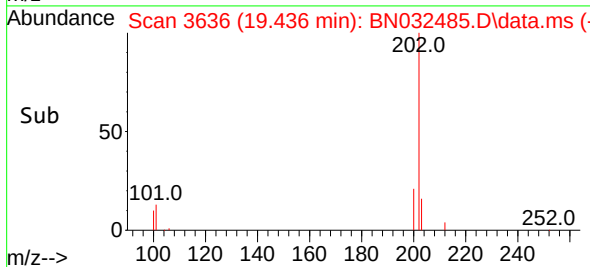
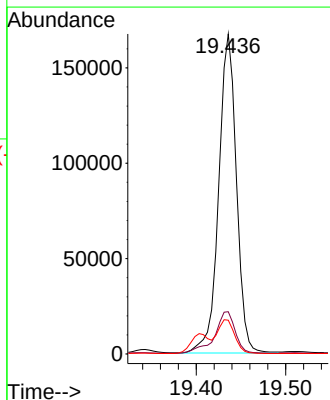
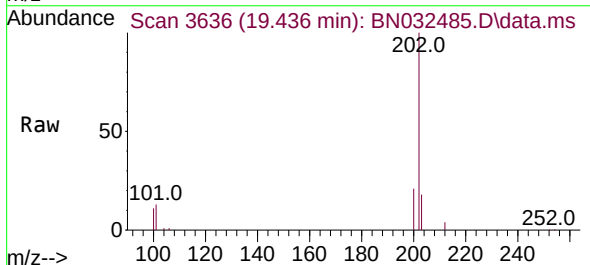
Manual Integrations
APPROVED

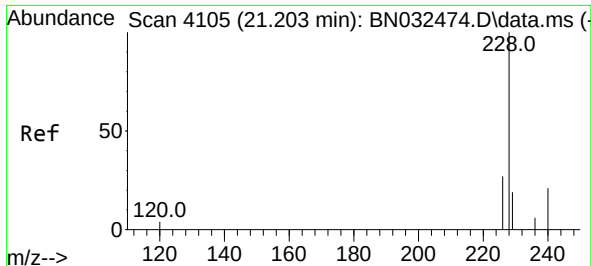
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#20
Pyrene
Concen: 3.113 ng/ul m
RT: 19.436 min Scan# 3636
Delta R.T. -0.005 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

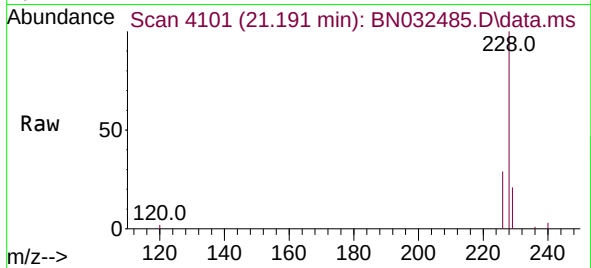
Tgt Ion:202 Resp: 230582
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 2.423 ng/ul m
RT: 21.191 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

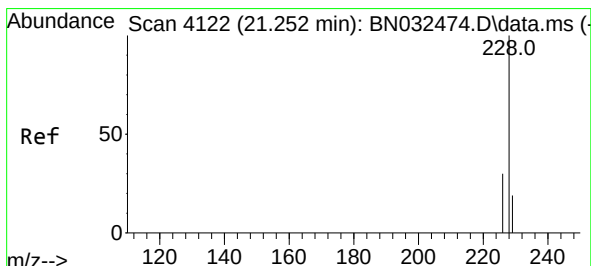
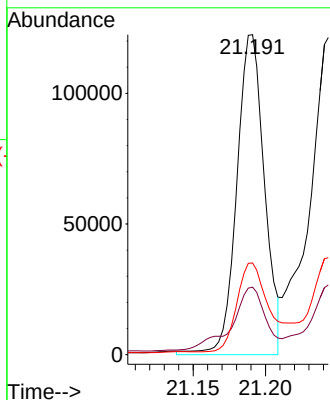
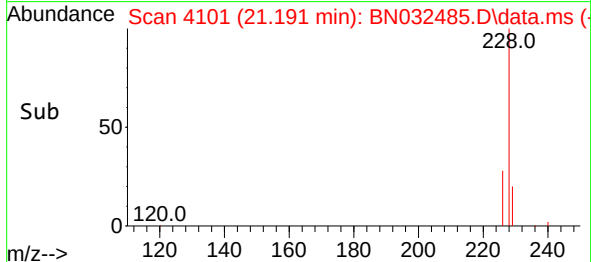
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:228 Resp: 162784
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.7 21.8 32.8

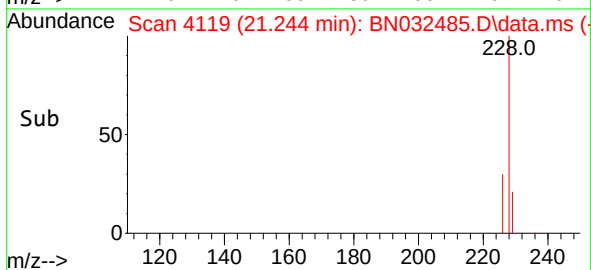
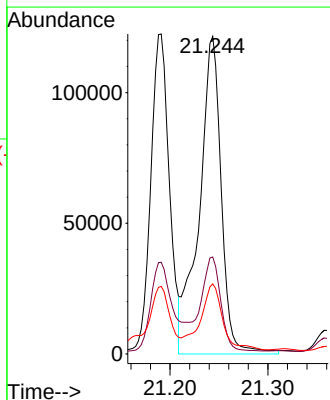
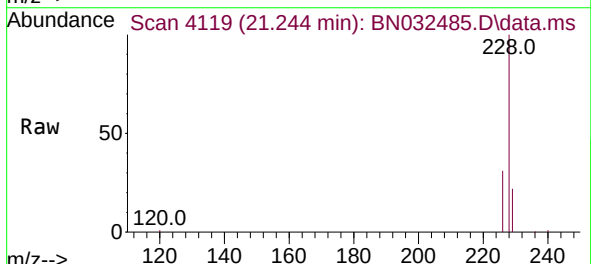
Manual Integrations
APPROVED

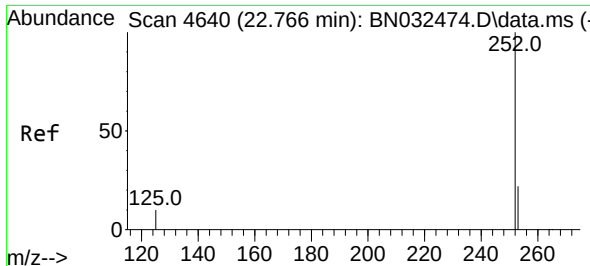
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 2.593 ng/ul m
RT: 21.244 min Scan# 4119
Delta R.T. 0.000 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

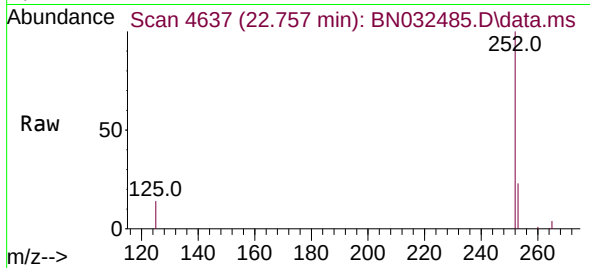
Tgt Ion:228 Resp: 191173
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.880 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. 0.000 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

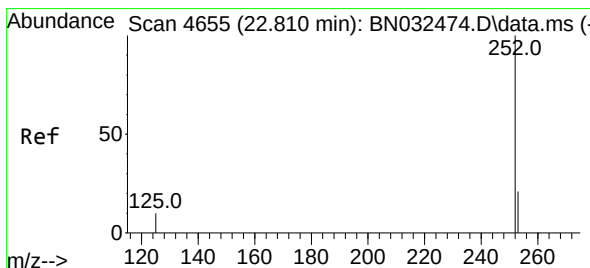
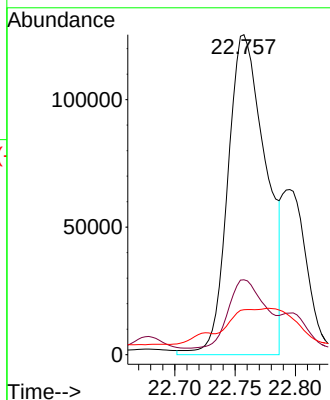
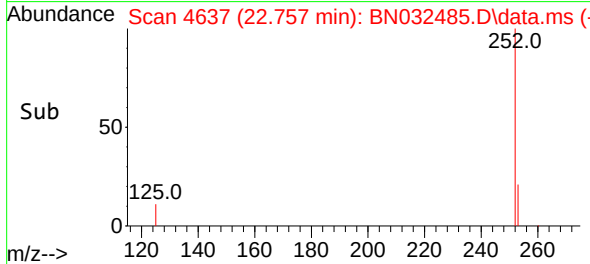
Instrument :
BNA_N
ClientSampleId :
A4CD7



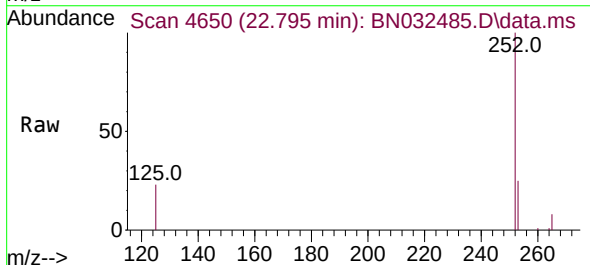
Tgt Ion:252 Resp: 27639
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 14.1 0.0 32.0

Manual Integrations
APPROVED

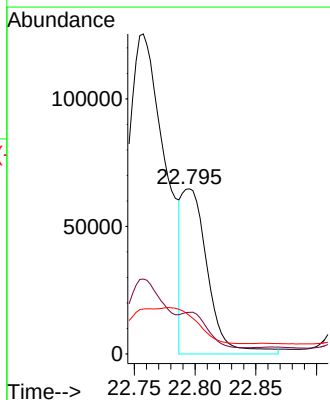
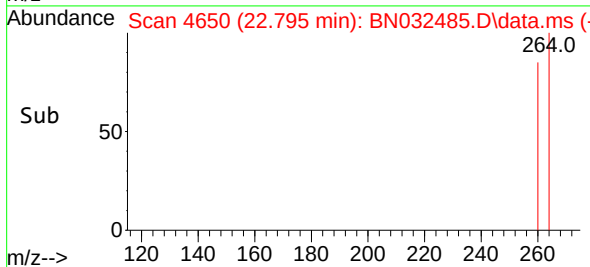
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

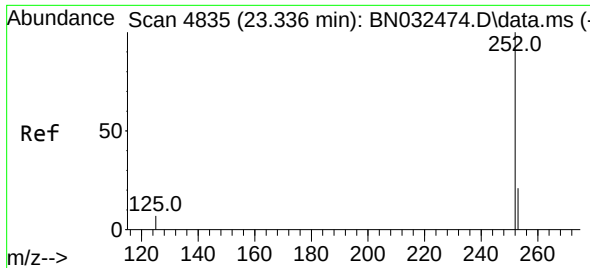


#25
Benzo(k)fluoranthene
Concen: 1.036 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46



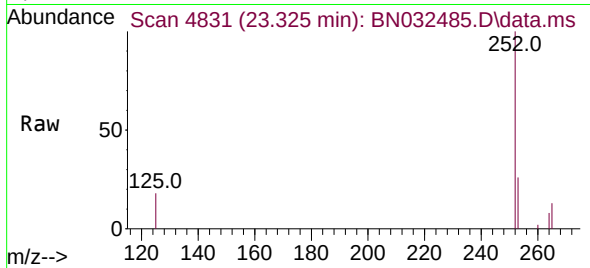
Tgt Ion:252 Resp: 96579
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 23.3 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.381 ng/ul m
RT: 23.325 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

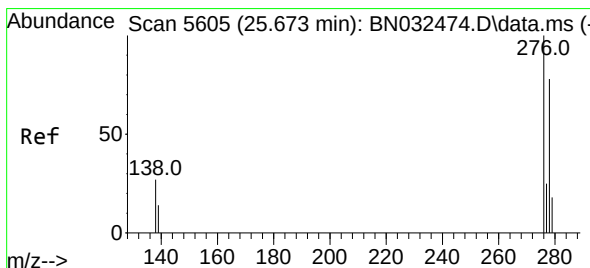
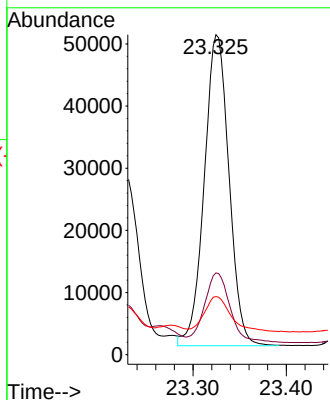
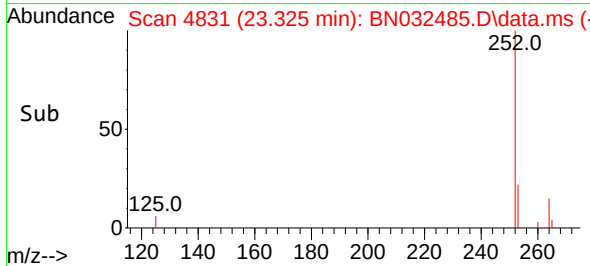
Instrument :
BNA_N
ClientSampleId :
A4CD7



Tgt Ion:252 Resp: 92220
Ion Ratio Lower Upper
252 100
253 25.6 22.2 33.2
125 18.1 16.4 24.6

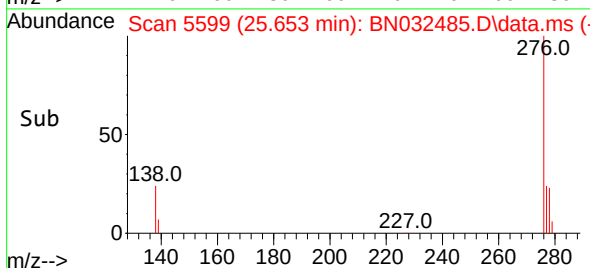
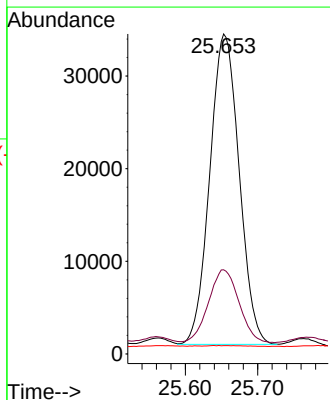
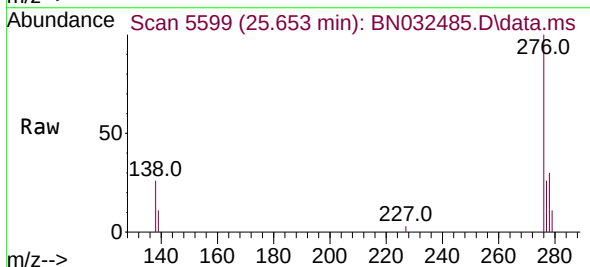
Manual Integrations
APPROVED

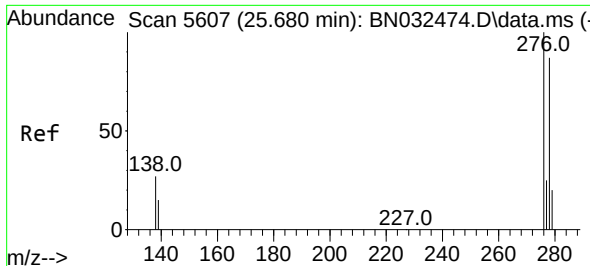
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.904 ng/ul m
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

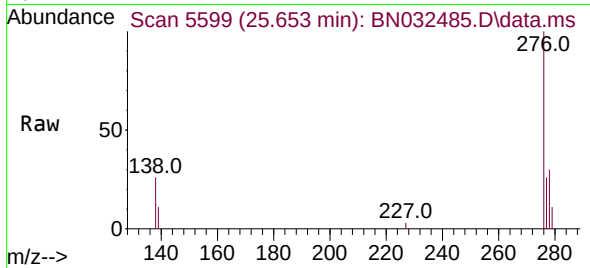
Tgt Ion:276 Resp: 94501
Ion Ratio Lower Upper
276 100
138 4.1 21.3 31.9#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.454 ng/ul m
RT: 25.653 min Scan# 5599
Delta R.T. -0.013 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46

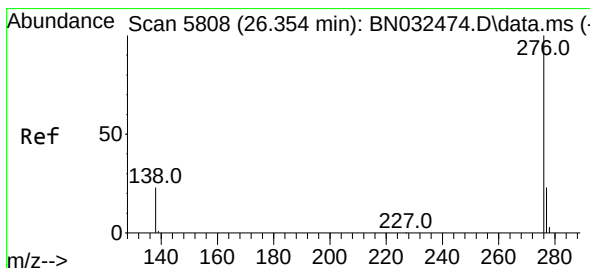
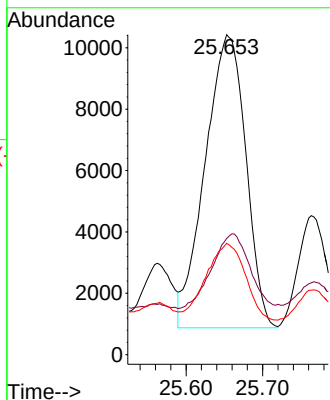
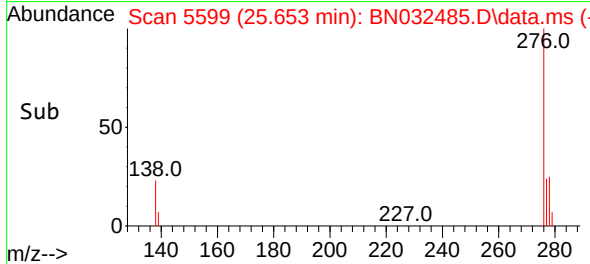
Instrument :
BNA_N
ClientSampleId :
A4CD7



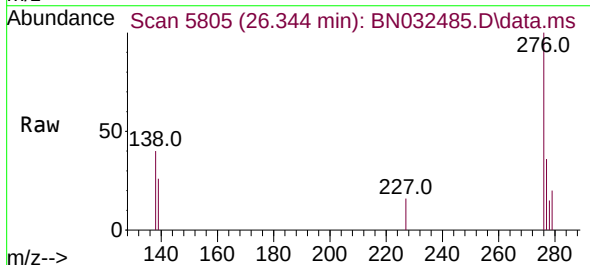
Tgt Ion:278 Resp: 35298
Ion Ratio Lower Upper
278 100
139 36.3 15.9 23.9#
279 34.8 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.180 ng/ul m
RT: 26.344 min Scan# 5805
Delta R.T. 0.000 min
Lab File: BN032485.D
Acq: 04 Jul 2024 21:46



Tgt Ion:276 Resp: 14975
Ion Ratio Lower Upper
276 100
138 40.3 19.8 29.6#
277 36.4 19.8 29.6#

