

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034787.D
 Acq On : 01 Nov 2024 04:31
 Operator : RC/JU
 Sample : P4529-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H24

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 03 23:24:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	8253	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	26073	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	14881	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	30472	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	22371	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	17490m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	34664	4.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	9259	0.283	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	19358	0.266	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.416	128	4713	0.068	ng/ul#	95
7) 2-Methylnaphthalene	12.038	142	2381	0.053	ng/ul	99
10) Acenaphthylene	13.949	152	22952	0.339	ng/ul	99
12) Fluorene	15.286	166	7048	0.122	ng/ul	98
15) Phenanthrene	17.021	178	42573	0.462	ng/ul	100
16) Anthracene	17.114	178	160722	1.885	ng/ul	99
19) Fluoranthene	19.042	202	207994	1.917	ng/ul	100
20) Pyrene	19.404	202	269396	2.385	ng/ul	99
21) Benzo(a)anthracene	21.157	228	125781	1.405	ng/ul	96
22) Chrysene	21.207	228	169144	1.887	ng/ul	98
24) Benzo(b)fluoranthene	22.706	252	245571m	3.450	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	80551m	1.122	ng/ul	
26) Benzo(a)pyrene	23.261	252	104244m	1.701	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.527	276	60576m	0.928	ng/ul	
28) Dibenzo(a,h)anthracene	25.534	278	13678	0.277	ng/ul	95
29) Benzo(g,h,i)perylene	26.184	276	52417m	1.022	ng/ul	

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

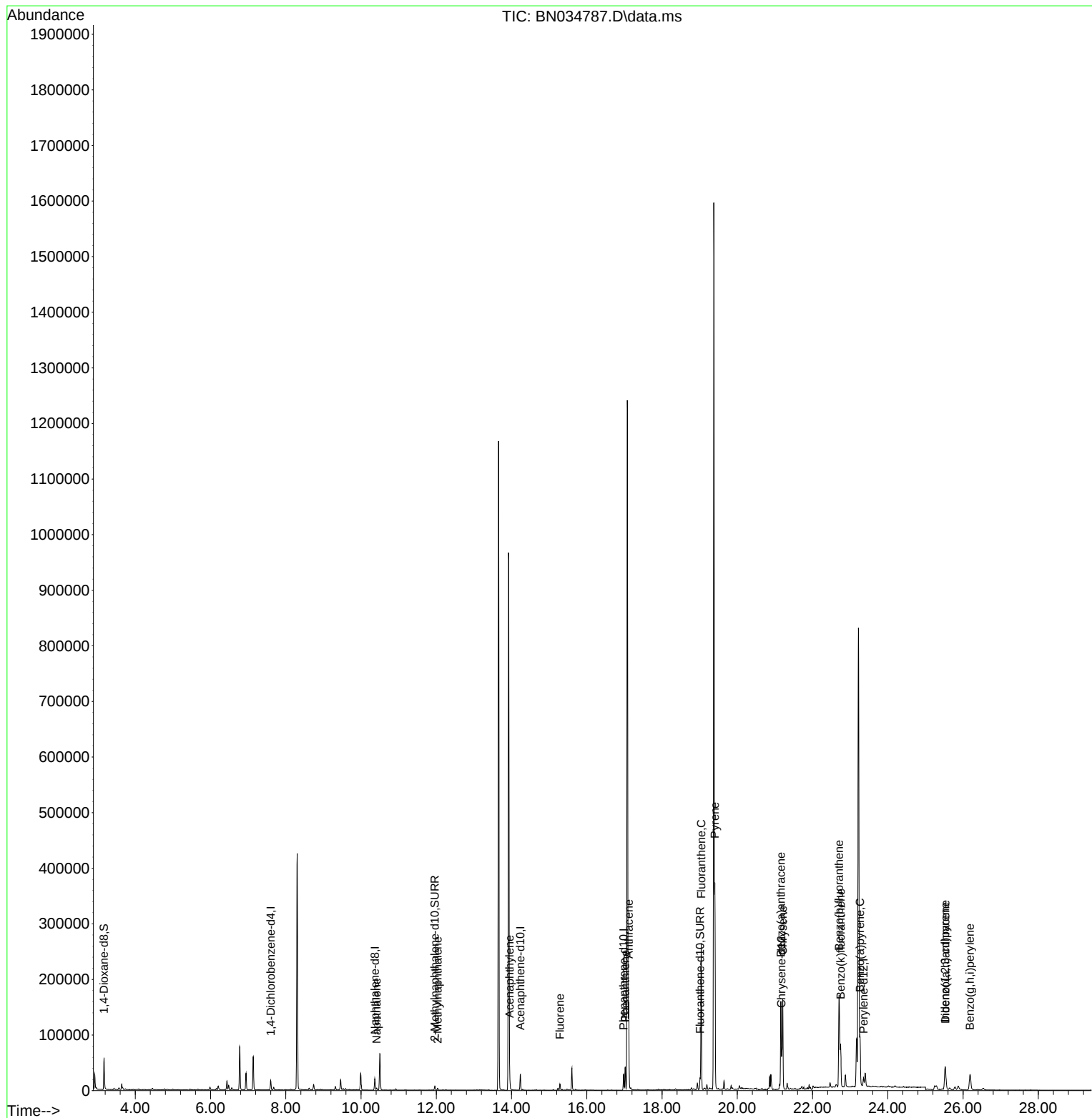
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034787.D
Acq On : 01 Nov 2024 04:31
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Sample : P4529-09
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ALS Vial : 31 Sample Multiplier: 1

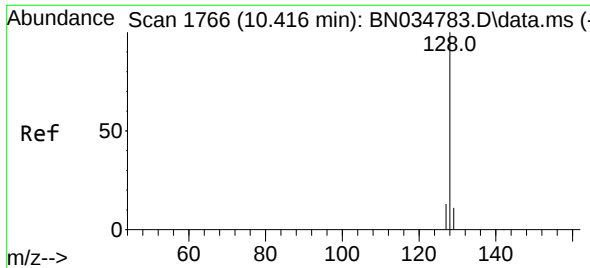
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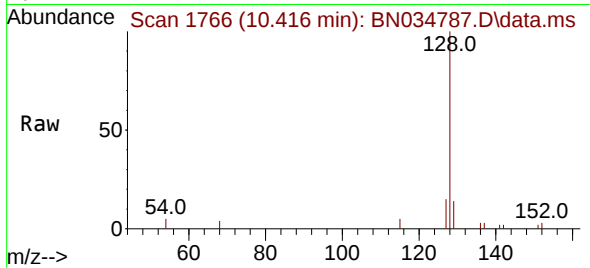
Quant Time: Nov 03 23:24:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

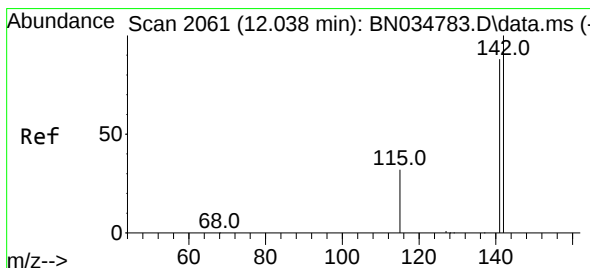
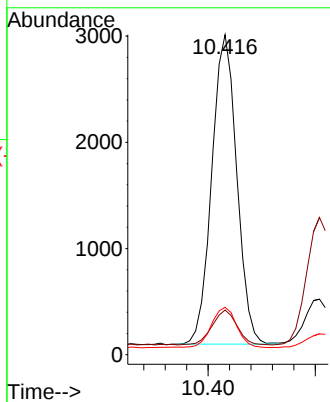
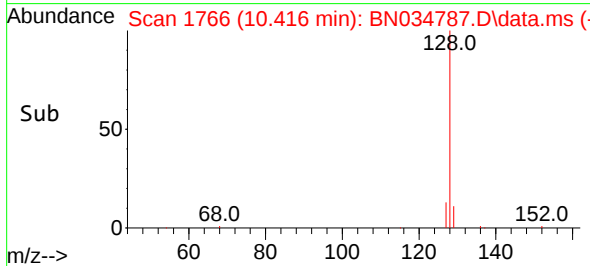
Instrument :
BNA_N
ClientSampleId :
F7H24



Tgt Ion:128 Resp: 4711
Ion Ratio Lower Upper
128 100
129 14.0 9.1 13.7
127 14.8 10.5 15.7

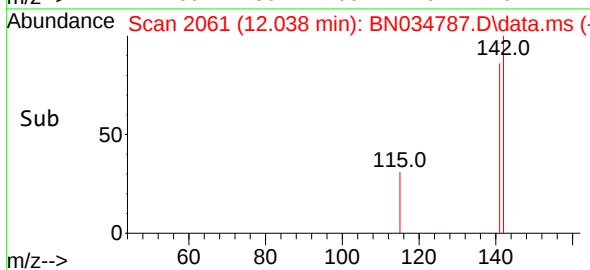
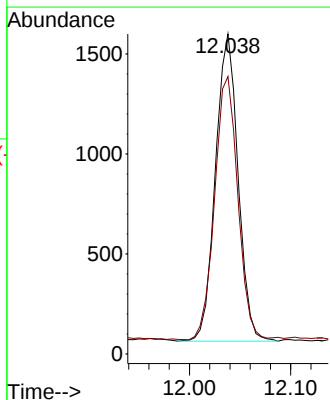
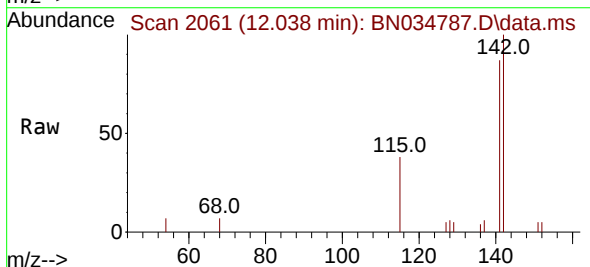
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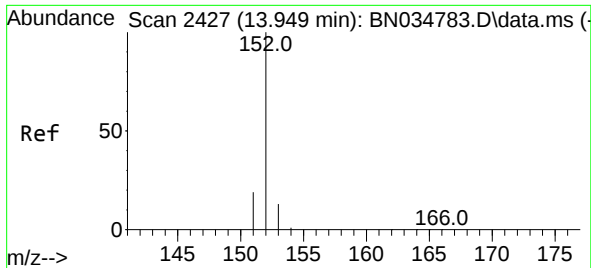
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.038 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

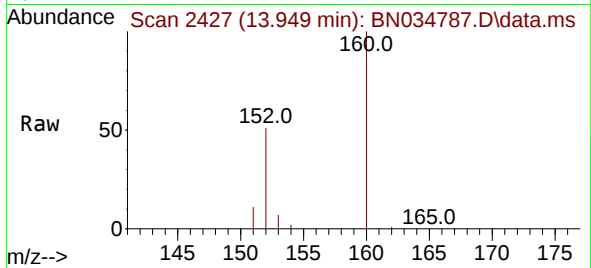
Tgt Ion:142 Resp: 2381
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 13.949 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

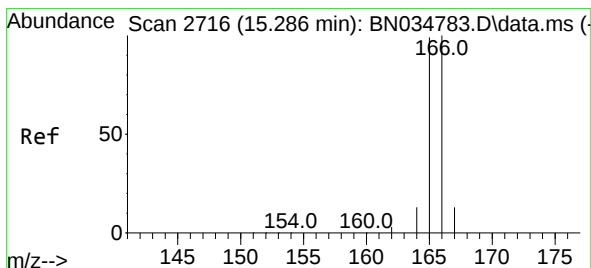
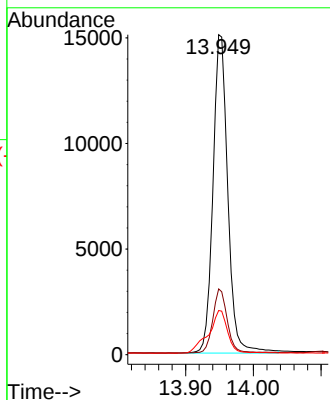
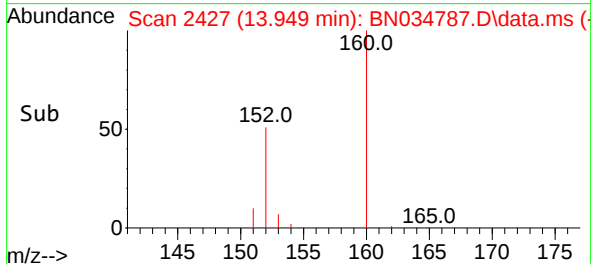
Instrument :
BNA_N
ClientSampleId :
F7H24



Tgt Ion:152 Resp: 22952
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.8 10.7 16.1

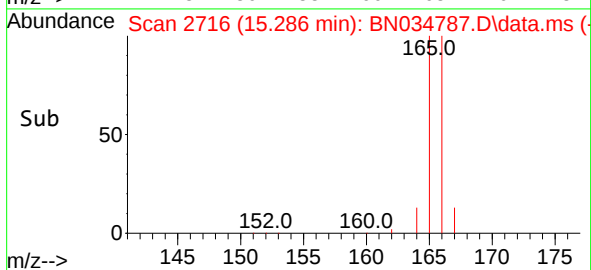
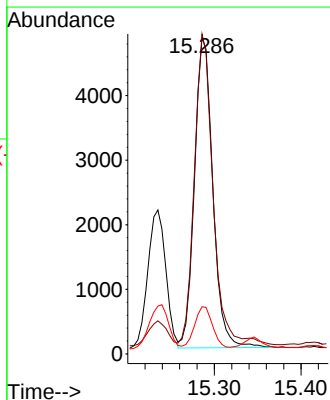
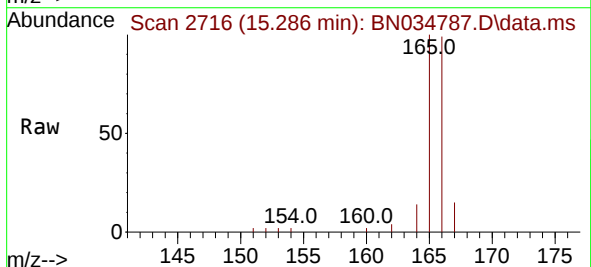
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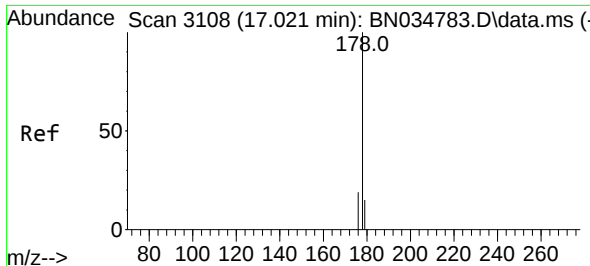
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#12
Fluorene
Concen: 0.122 ng/ul
RT: 15.286 min Scan# 2716
Delta R.T. -0.005 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

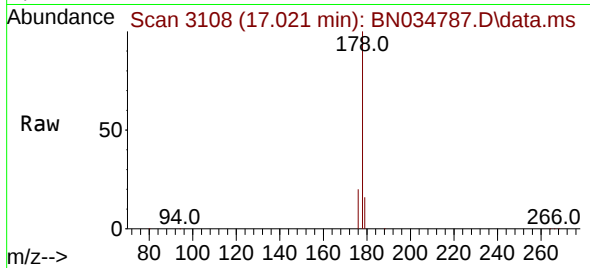
Tgt Ion:166 Resp: 7048
Ion Ratio Lower Upper
166 100
165 101.2 79.1 118.7
167 14.9 11.0 16.4





#15
Phenanthrene
Concen: 0.462 ng/u1
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

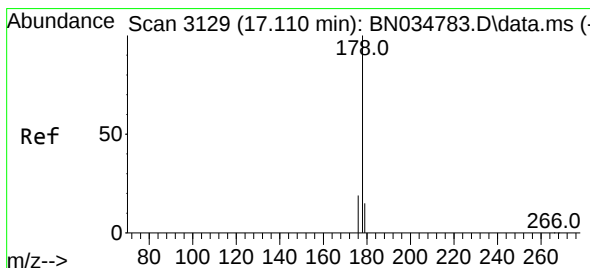
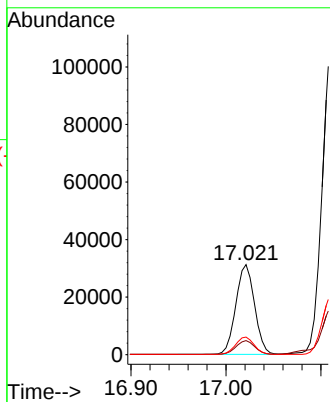
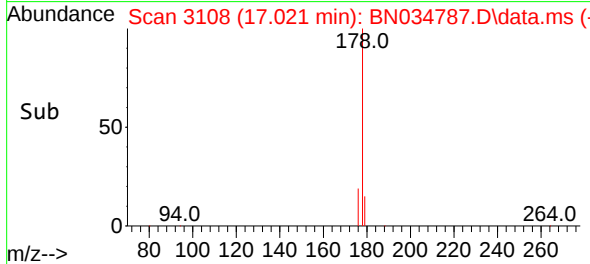
Instrument :
BNA_N
ClientSampleId :
F7H24



Tgt Ion:178 Resp: 42572
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.6 15.4 23.0

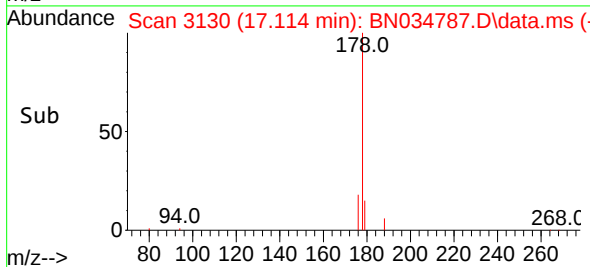
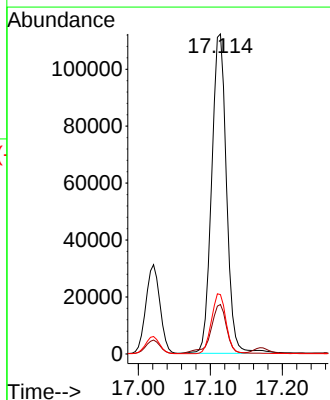
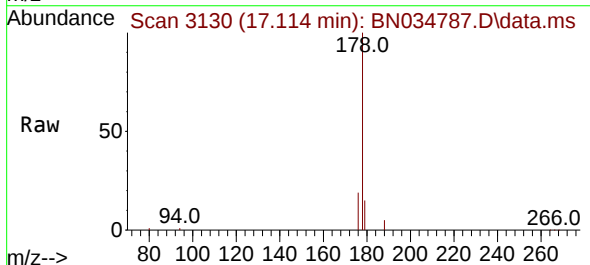
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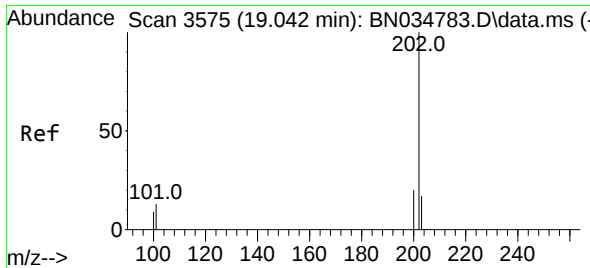
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#16
Anthracene
Concen: 1.885 ng/u1
RT: 17.114 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

Tgt Ion:178 Resp: 160722
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.6 15.1 22.7





#19

Fluoranthene

Concen: 1.917 ng/ul

RT: 19.042 min Scan# 3575

Delta R.T. -0.005 min

Lab File: BN034787.D

Acq: 01 Nov 2024 04:31

Instrument :

BNA_N

ClientSampleId :

F7H24

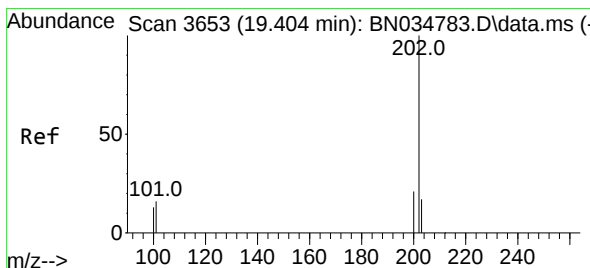
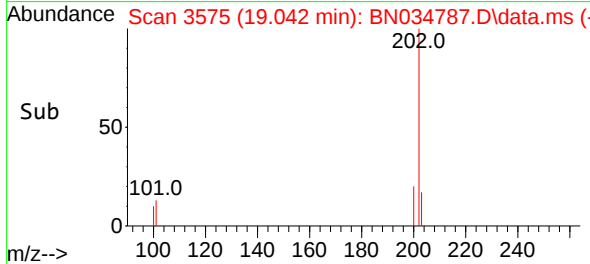
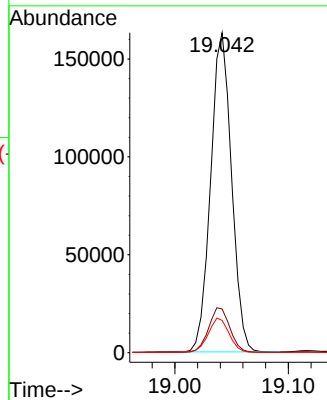
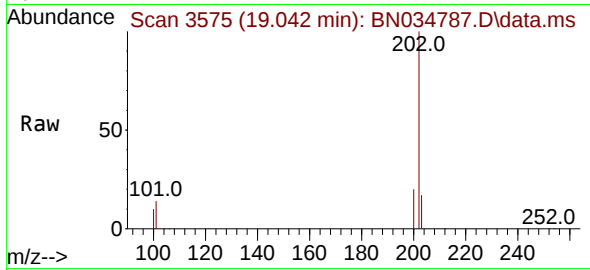
Tgt Ion:202	Resp:	207994
Ion Ratio	Lower	Upper
202	100	
101	13.6	10.8 16.2
100	10.1	8.2 12.2

Manual Integrations

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Supervised By :mohammad ahmed 11/05/2024



#20

Pyrene

Concen: 2.385 ng/ul

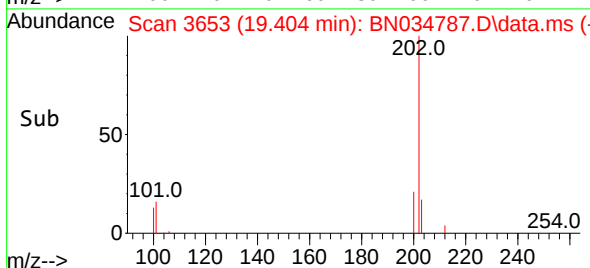
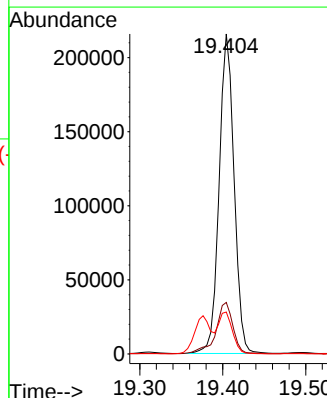
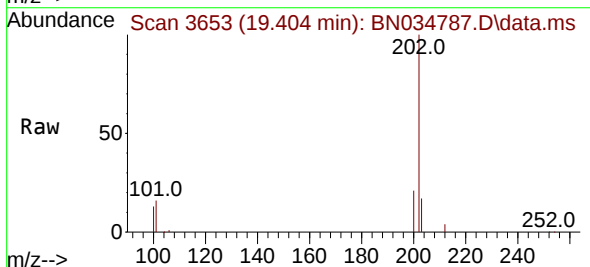
RT: 19.404 min Scan# 3653

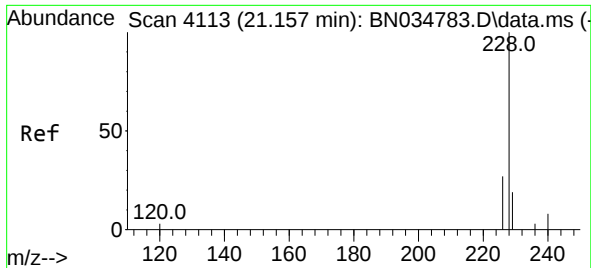
Delta R.T. -0.005 min

Lab File: BN034787.D

Acq: 01 Nov 2024 04:31

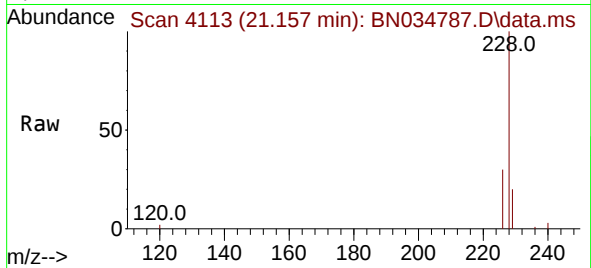
Tgt Ion:202	Resp:	269396
Ion Ratio	Lower	Upper
202	100	
101	16.1	12.4 18.6
100	13.1	10.0 15.0





#21
Benzo(a)anthracene
Concen: 1.405 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

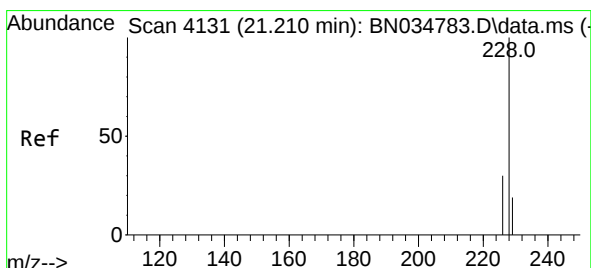
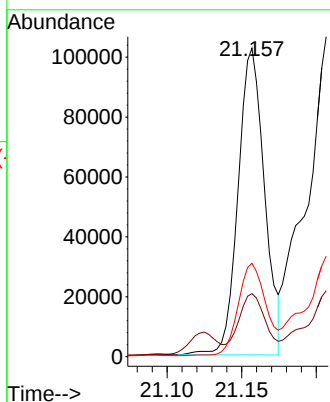
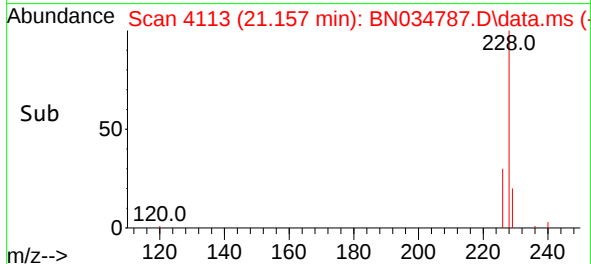
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ClientSampleId :
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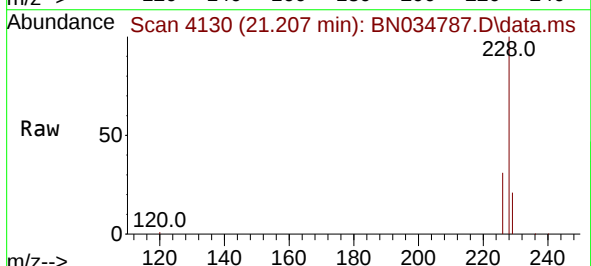
Tgt Ion:228 Resp: 12578
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 30.3 22.1 33.1

Manual Integrations
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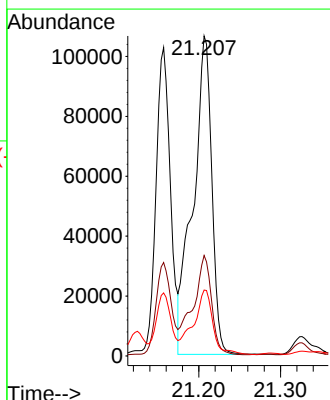
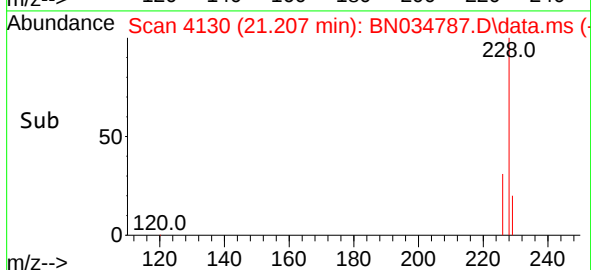
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

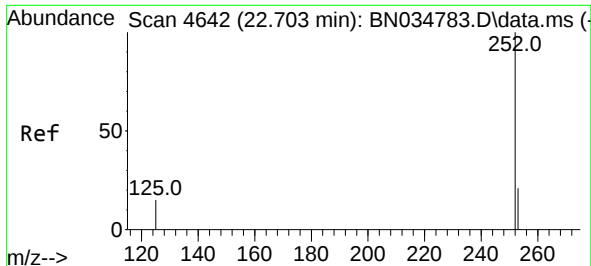


#22
Chrysene
Concen: 1.887 ng/ul
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31



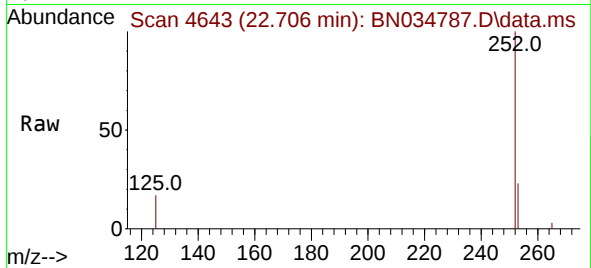
Tgt Ion:228 Resp: 169144
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 20.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 3.450 ng/ul m
RT: 22.706 min Scan# 4643
Delta R.T. -0.003 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

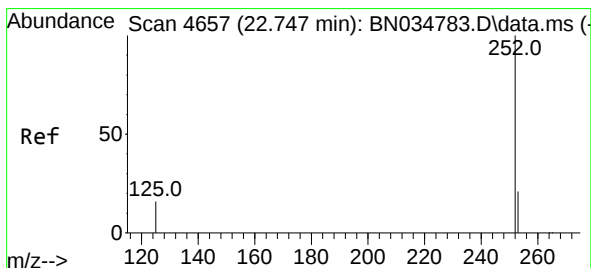
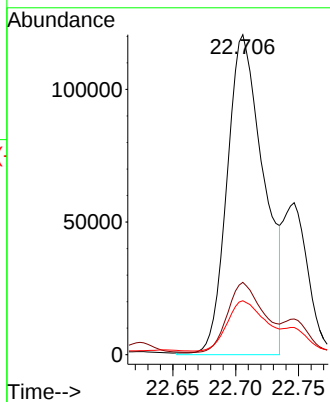
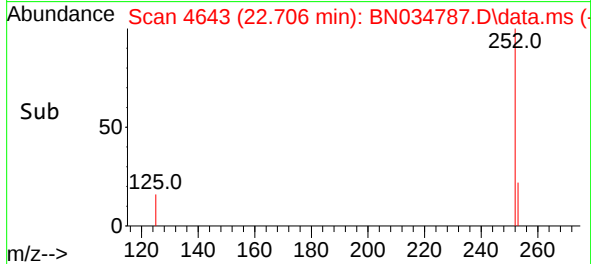
Instrument :
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ClientSampleId :
F7H24



Tgt Ion:252 Resp: 24557
Ion Ratio Lower Upper
252 100
253 22.6 0.0 47.6
125 16.9 0.0 41.4

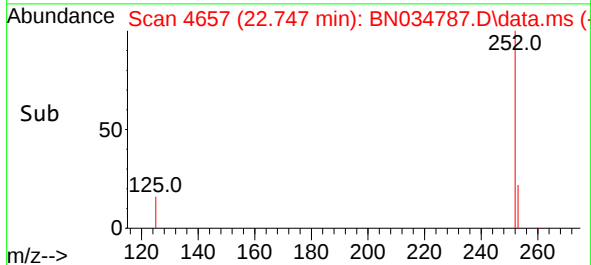
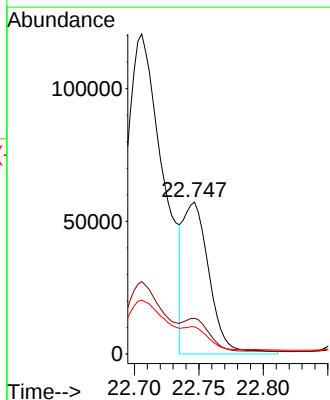
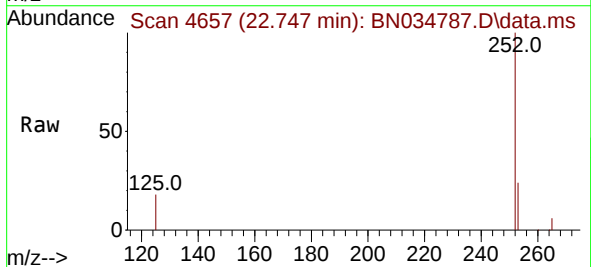
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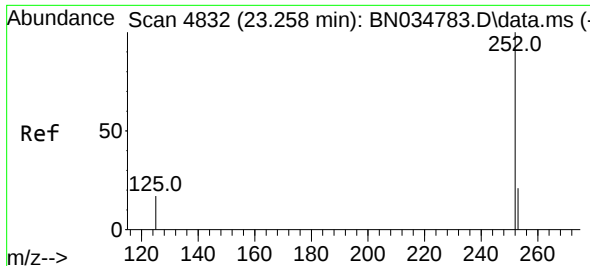
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#25
Benzo(k)fluoranthene
Concen: 1.122 ng/ul m
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

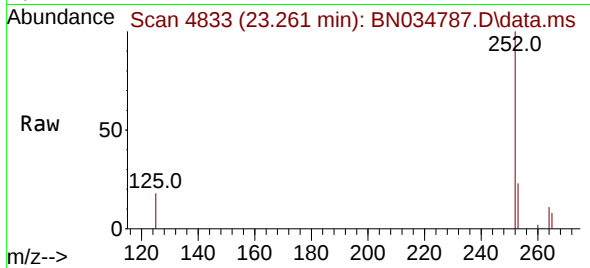
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Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 17.9 17.0 25.4





#26
Benzo(a)pyrene
Concen: 1.701 ng/ul m
RT: 23.261 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

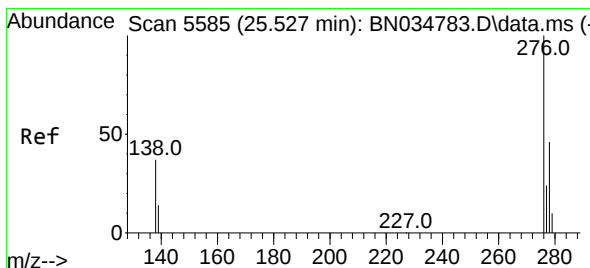
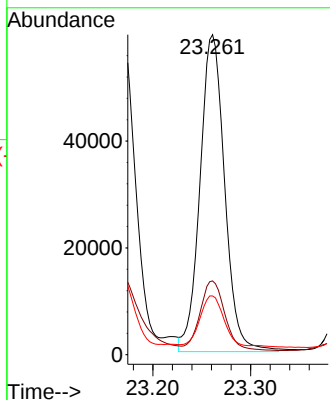
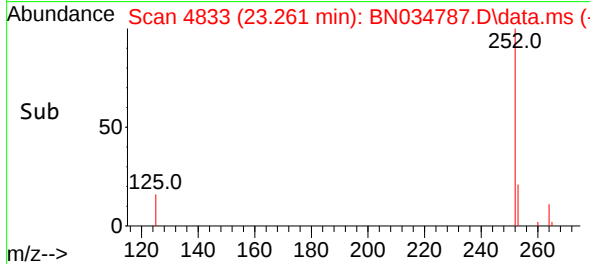
Instrument :
BNA_N
ClientSampleId :
F7H24



Tgt Ion:252 Resp: 104244
Ion Ratio Lower Upper
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253 23.0 20.0 30.0
125 18.4 19.8 29.6

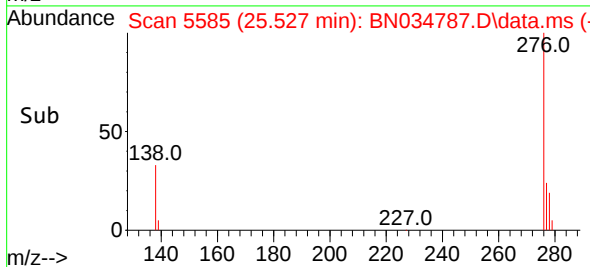
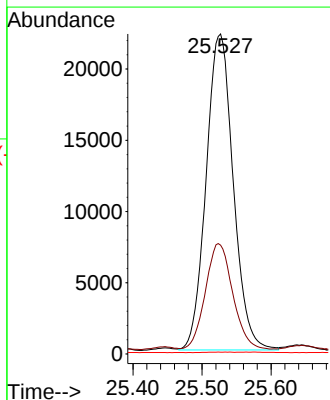
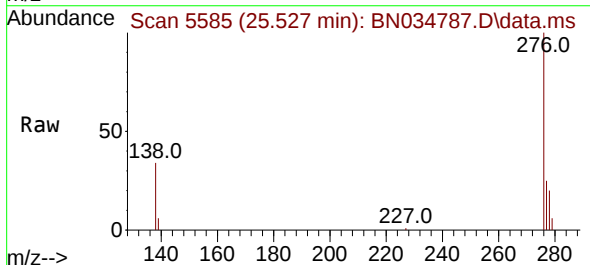
Manual Integrations
APPROVED

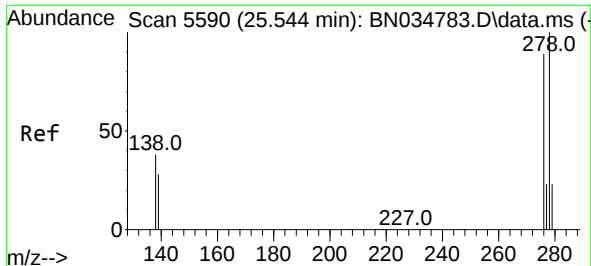
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.928 ng/ul m
RT: 25.527 min Scan# 5585
Delta R.T. -0.010 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

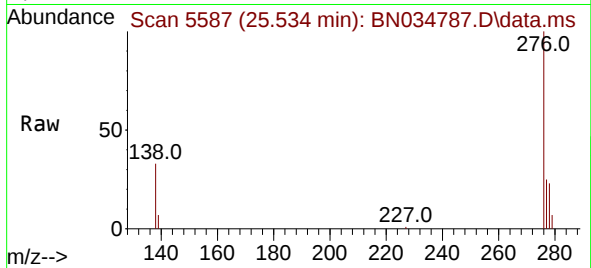
Tgt Ion:276 Resp: 60576
Ion Ratio Lower Upper
276 100
138 3.3 31.8 47.6#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 25.534 min Scan# 5587
Delta R.T. -0.020 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31

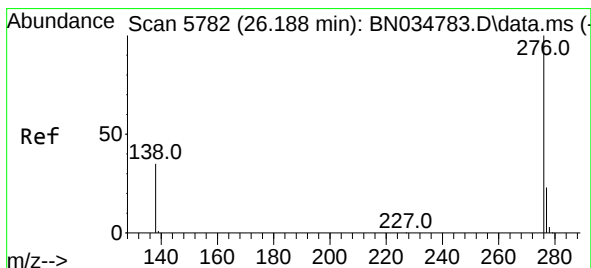
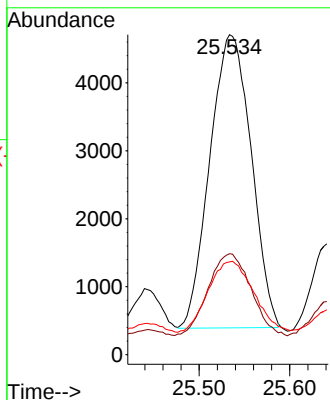
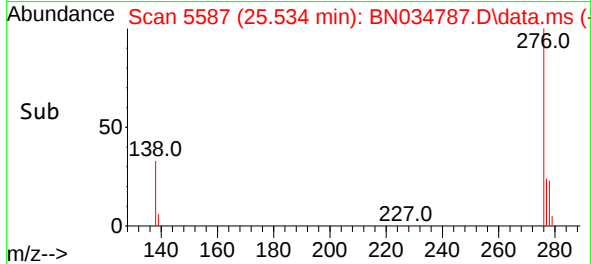
Instrument :
BNA_N
ClientSampleId :
F7H24



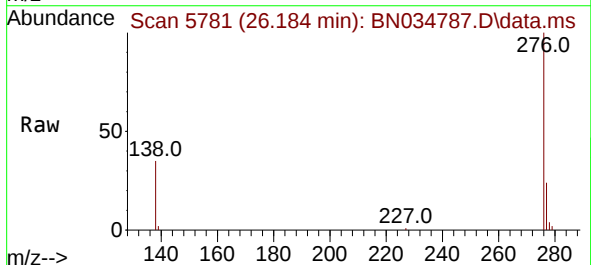
Tgt Ion:278 Resp: 13678
Ion Ratio Lower Upper
278 100
139 31.6 23.4 35.2
279 29.0 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#29
Benzo(g,h,i)perylene
Concen: 1.022 ng/ul m
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034787.D
Acq: 01 Nov 2024 04:31



Tgt Ion:276 Resp: 52417
Ion Ratio Lower Upper
276 100
138 35.3 28.8 43.2
277 24.3 20.2 30.2

