

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032823.D
 Acq On : 18 Jul 2024 18:38
 Operator : MA/JU
 Sample : P3177-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 23:31:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	4180	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	12638	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.188	164	6748	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.953	188	11938	0.400	ng/ul	-0.01
17) Chrysene-d12	21.170	240	11283	0.400	ng/ul	0.00
23) Perylene-d12	23.362	264	12733m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2298	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	548	0.029	ng/ul	0.00
18) Fluoranthene-d10	18.994	212	1145	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.911	152	763	0.028	ng/ul#	67
11) Acenaphthene	14.253	153	566	0.025	ng/ul	94
12) Fluorene	15.252	166	641	0.025	ng/ul#	95
15) Phenanthrene	16.995	178	11089	0.341	ng/ul	99
16) Anthracene	17.088	178	2398	0.090	ng/ul#	82
19) Fluoranthene	19.022	202	25358	0.553	ng/ul	99
20) Pyrene	19.389	202	14317	0.302	ng/ul	100
21) Benzo(a)anthracene	21.153	228	12182	0.339	ng/ul	95
22) Chrysene	21.205	228	12466	0.240	ng/ul	96
24) Benzo(b)fluoranthene	22.707	252	19264m	0.429	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	7832m	0.143	ng/ul	
26) Benzo(a)pyrene	23.269	252	4851	0.125	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	25.579	276	5747	0.109	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.576	278	2215	0.054	ng/ul#	20

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

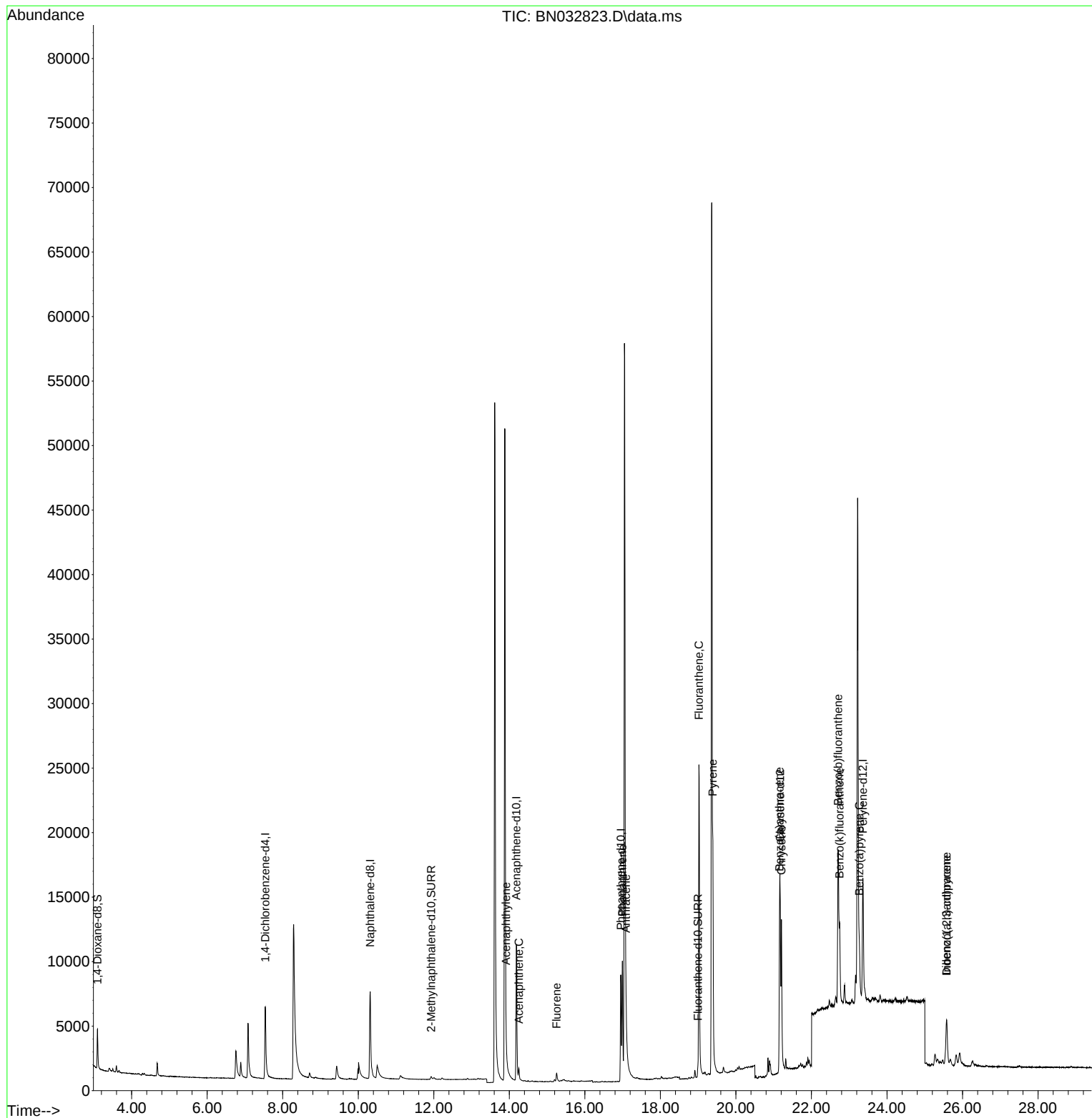
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032823.D
Acq On : 18 Jul 2024 18:38
Operator : MA/JU
Sample : P3177-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

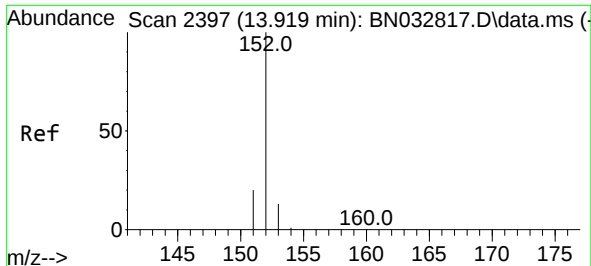
Instrument :
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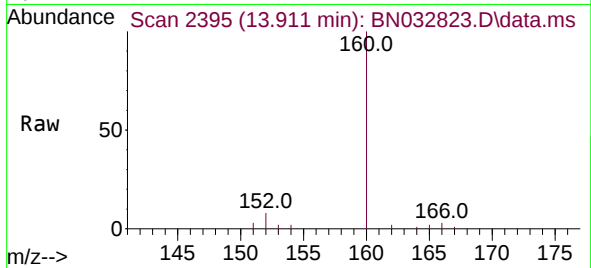
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.028 ng/u1
RT: 13.911 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

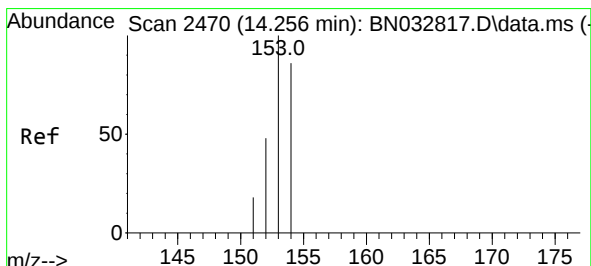
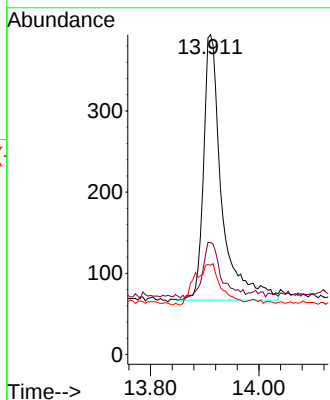
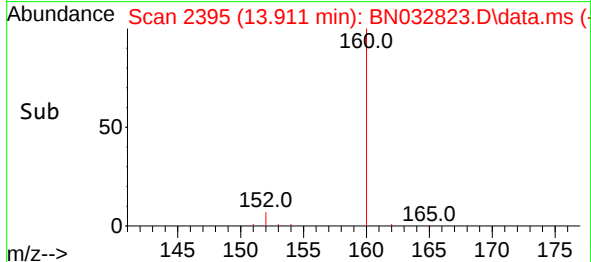
Instrument :
BNA_N
ClientSampleId :
A4BS0DL



Tgt Ion:152 Resp: 76
Ion Ratio Lower Upper
152 100
151 35.0 16.3 24.5
153 27.9 11.3 16.9

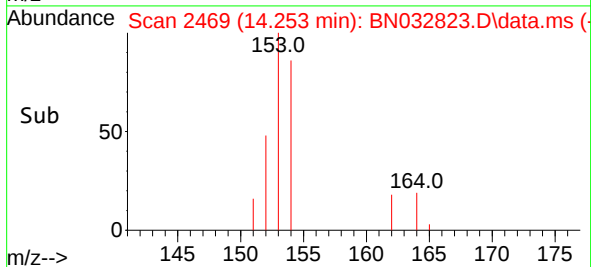
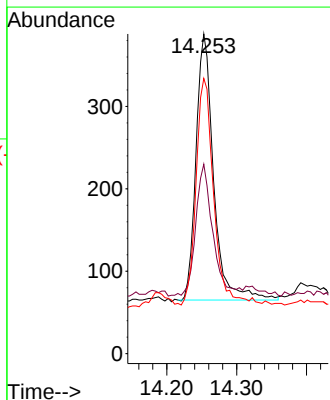
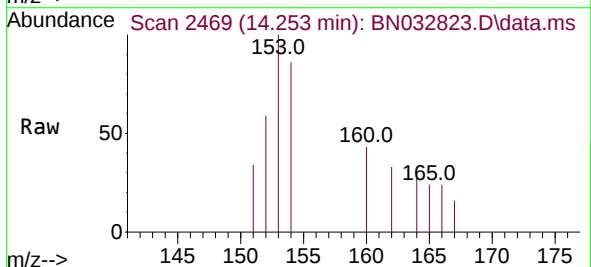
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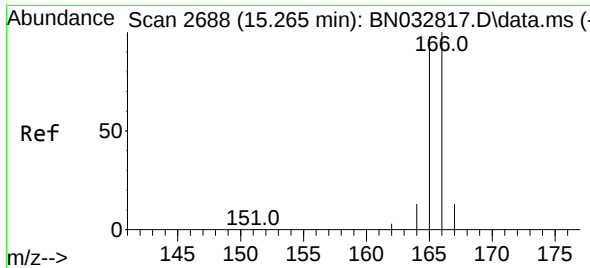
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#11
Acenaphthene
Concen: 0.025 ng/u1
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

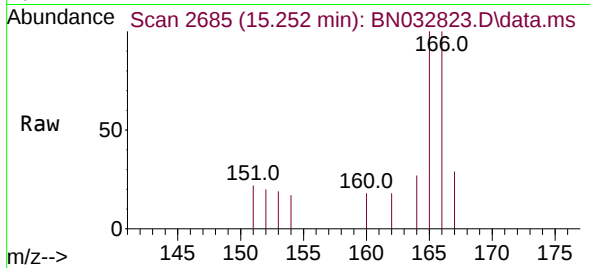
Tgt Ion:153 Resp: 566
Ion Ratio Lower Upper
153 100
152 59.3 40.0 60.0
154 86.1 70.2 105.4





#12
Fluorene
Concen: 0.025 ng/u1
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

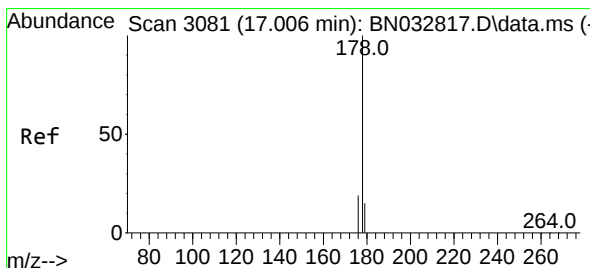
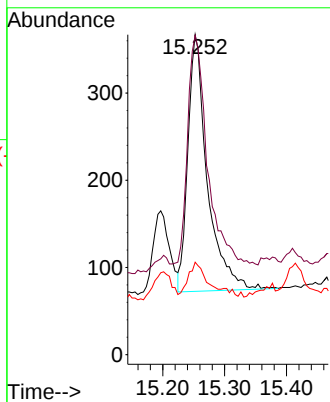
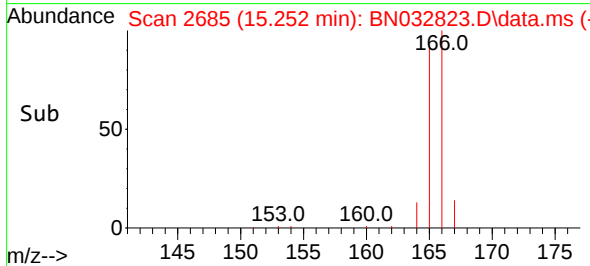
Instrument :
BNA_N
ClientSampleId :
A4BS0DL



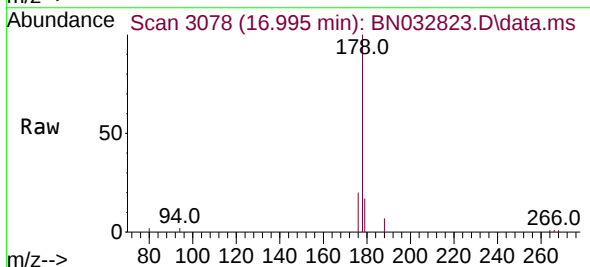
Tgt Ion:166 Resp: 64
Ion Ratio Lower Upper
166 100
165 99.7 79.7 119.5
167 28.9 11.4 17.2

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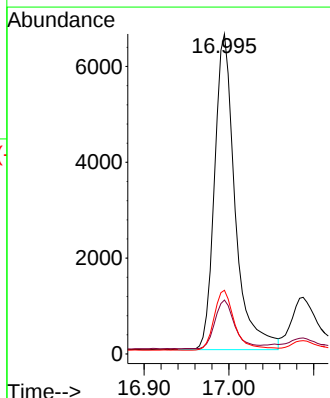
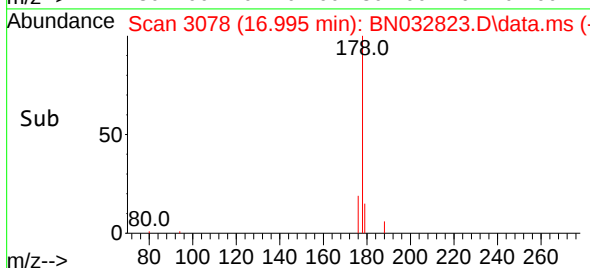
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

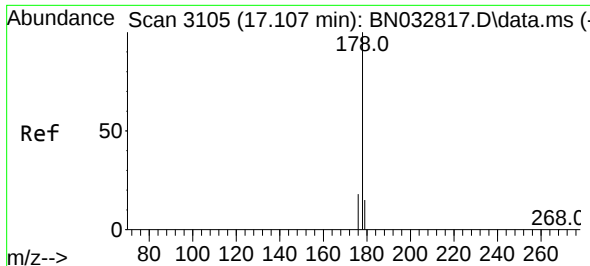


#15
Phenanthrene
Concen: 0.341 ng/u1
RT: 16.995 min Scan# 3078
Delta R.T. -0.013 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38



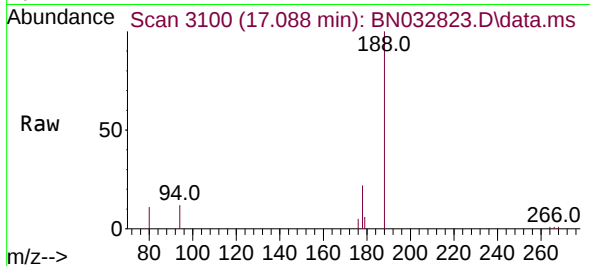
Tgt Ion:178 Resp: 11089
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 19.9 15.6 23.4





#16
Anthracene
Concen: 0.090 ng/u1
RT: 17.088 min Scan# 3105
Delta R.T. -0.017 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

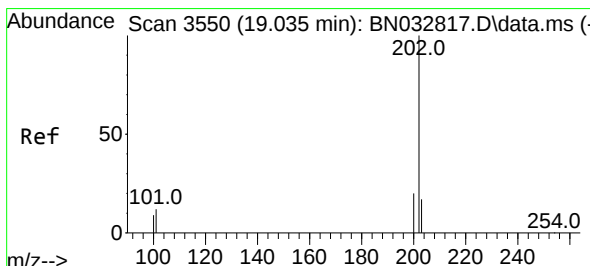
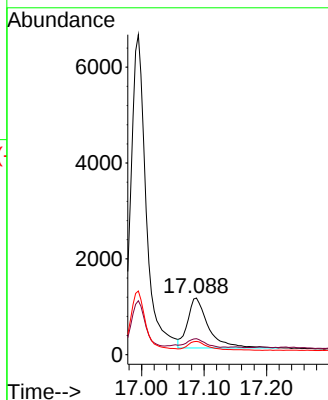
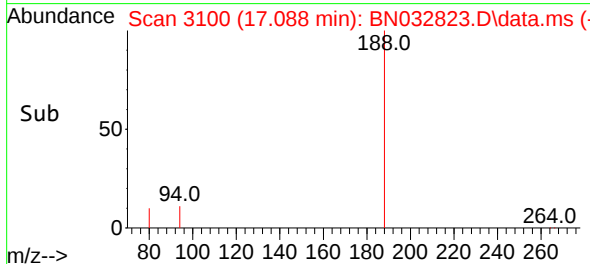
Instrument :
BNA_N
ClientSampleId :
A4BS0DL



Tgt Ion:178 Resp: 2398
Ion Ratio Lower Upper
178 100
179 28.5 13.4 20.2
176 23.5 15.4 23.0

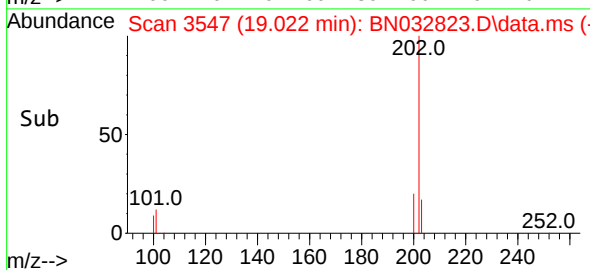
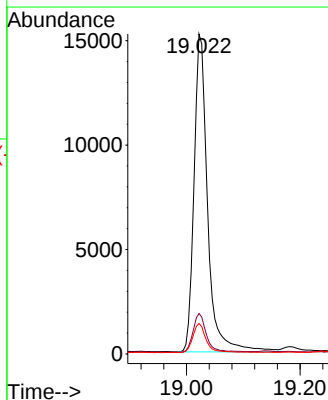
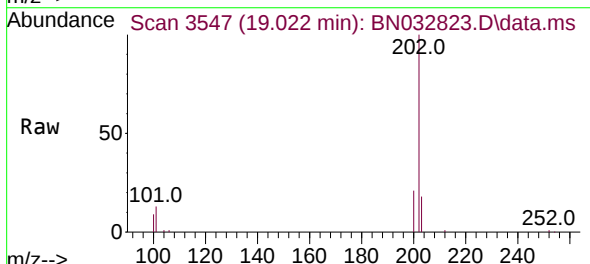
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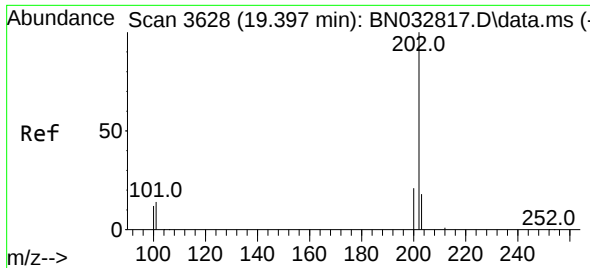
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#19
Fluoranthene
Concen: 0.553 ng/u1
RT: 19.022 min Scan# 3547
Delta R.T. -0.010 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

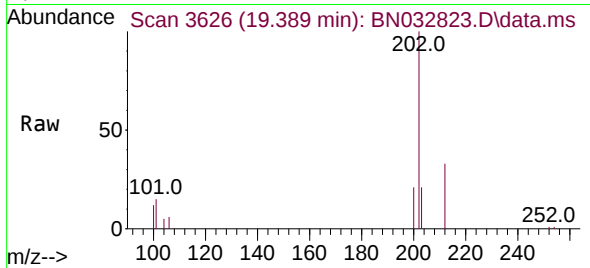
Tgt Ion:202 Resp: 25358
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.5 7.9 11.9





#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.389 min Scan# 30
Delta R.T. -0.010 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

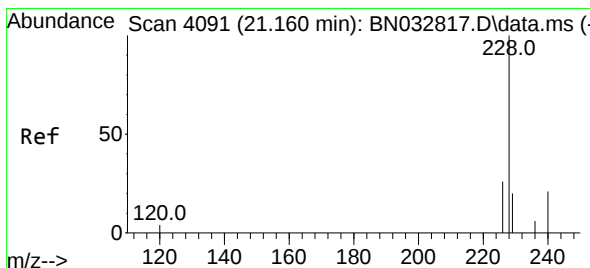
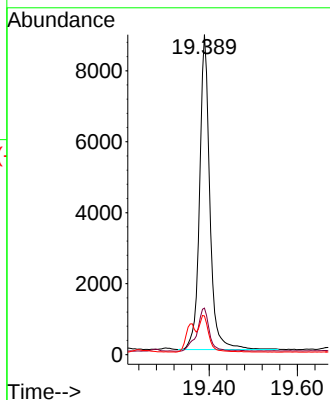
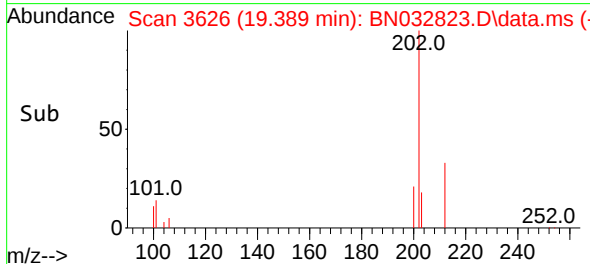
Instrument :
BNA_N
ClientSampleId :
A4BS0DL



Tgt Ion:202 Resp: 1431
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 12.1 9.6 14.4

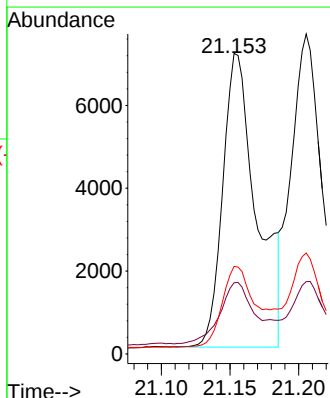
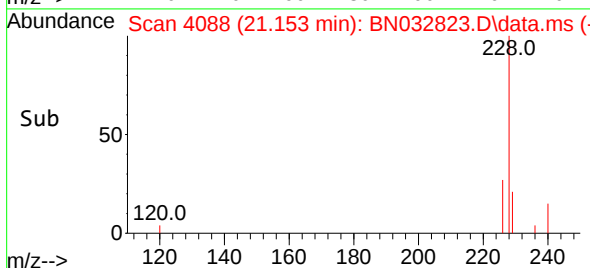
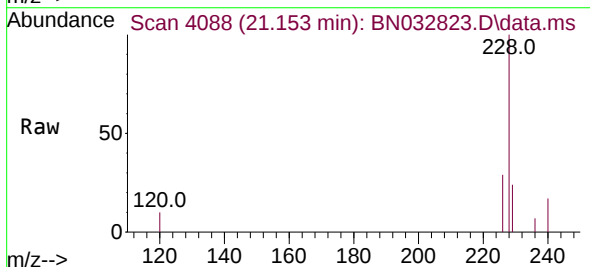
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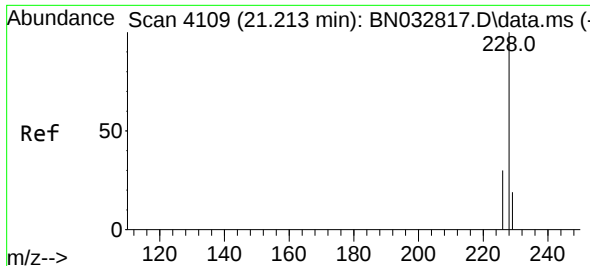
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.153 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

Tgt Ion:228 Resp: 12182
Ion Ratio Lower Upper
228 100
229 23.7 16.1 24.1
226 29.1 21.9 32.9





#22

Chrysene

Concen: 0.240 ng/ul

RT: 21.205 min Scan# 4109

Delta R.T. -0.006 min

Lab File: BN032823.D

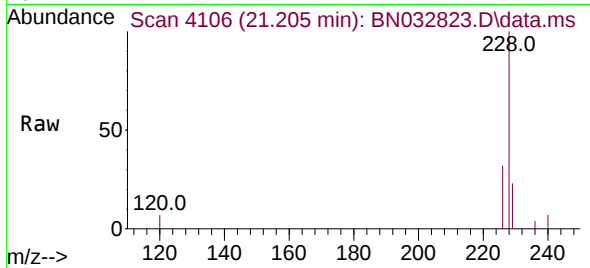
Acq: 18 Jul 2024 18:38

Instrument :

BNA_N

ClientSampleId :

A4BS0DL



Tgt Ion:228 Resp: 12460

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

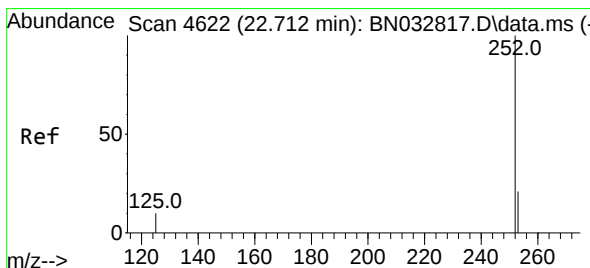
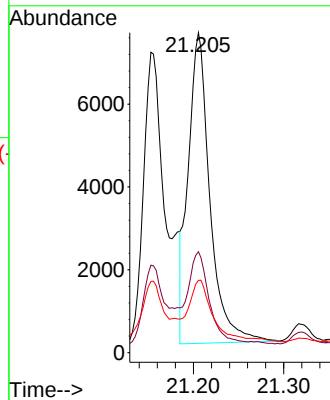
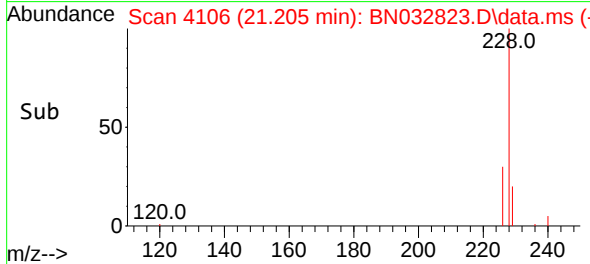
229 22.6 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#24

Benzo(b)fluoranthene

Concen: 0.429 ng/ul m

RT: 22.707 min Scan# 4620

Delta R.T. -0.003 min

Lab File: BN032823.D

Acq: 18 Jul 2024 18:38

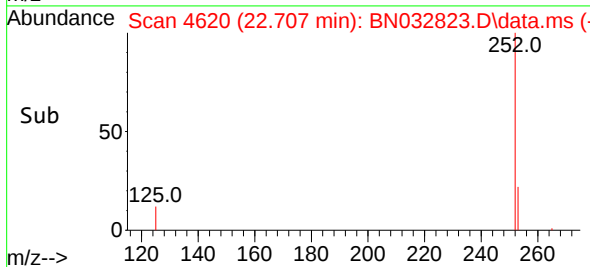
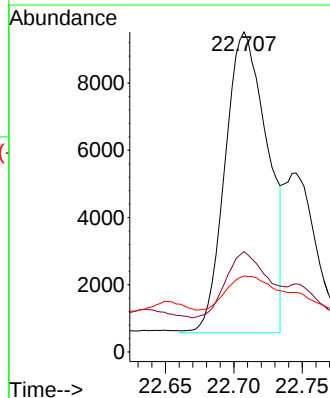
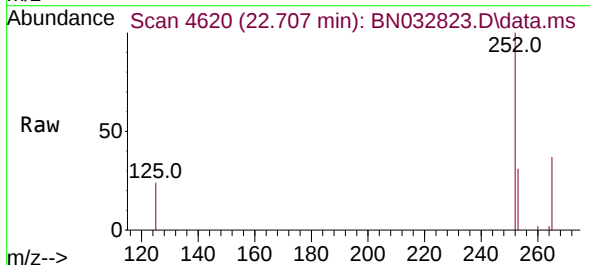
Tgt Ion:252 Resp: 19264

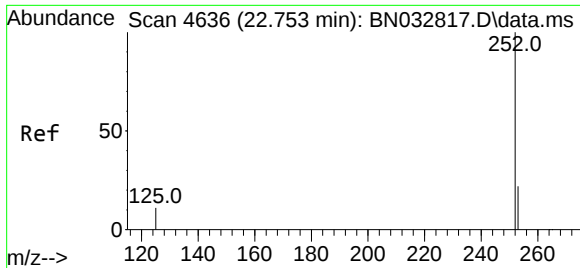
Ion Ratio Lower Upper

252 100

253 31.4 0.0 54.0

125 23.7 0.0 36.0





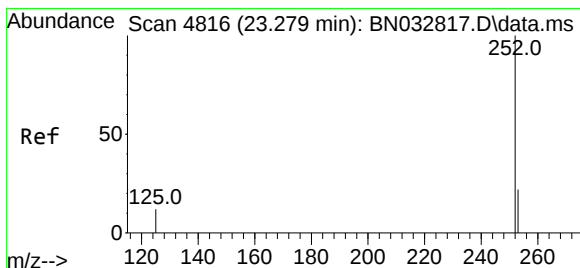
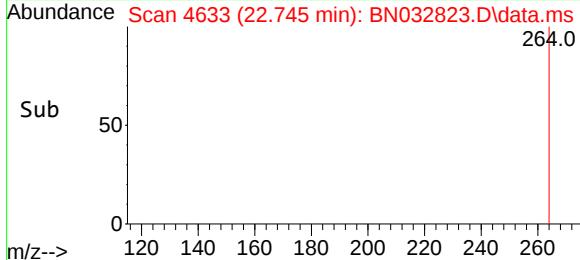
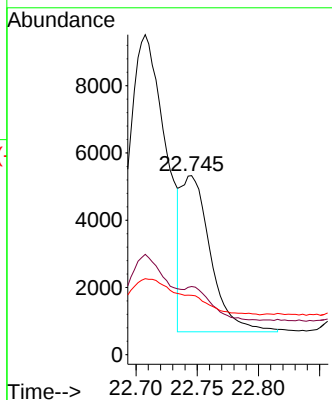
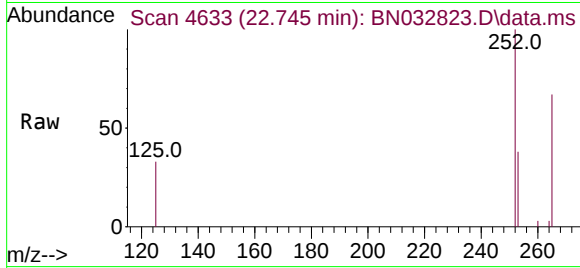
#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul m
RT: 22.745 min Scan# 4633
Delta R.T. -0.009 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

Instrument :
BNA_N
ClientSampleId :
A4BS0DL

Tgt Ion:	252	Resp:	783
Ion Ratio	Lower	Upper	
252	100		
253	38.1	21.2	31.8
125	33.1	14.8	22.2

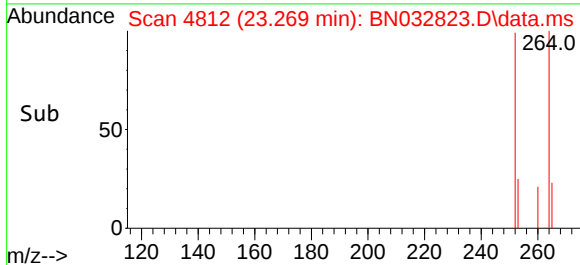
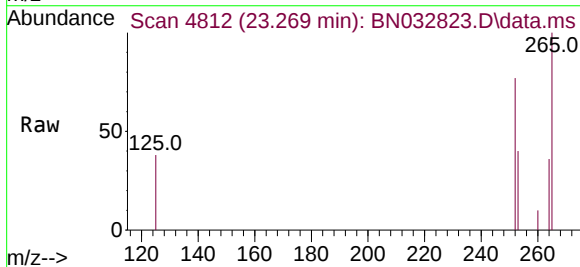
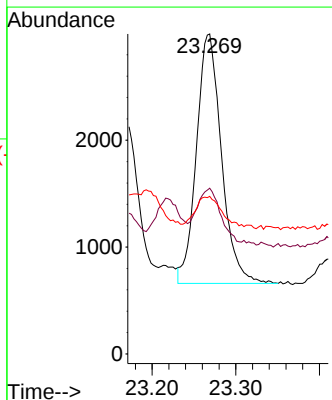
Manual Integrations
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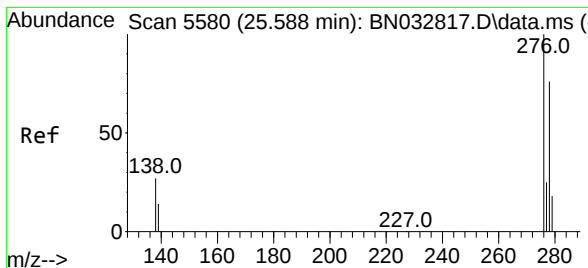
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 0.125 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.009 min
Lab File: BN032823.D
Acq: 18 Jul 2024 18:38

Tgt Ion:	252	Resp:	4851
Ion Ratio	Lower	Upper	
252	100		
253	51.8	25.4	38.0
125	49.2	20.6	30.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.109 ng/ul

RT: 25.579 min Scan# 5577

Delta R.T. -0.004 min

Lab File: BN032823.D

Acq: 18 Jul 2024 18:38

Instrument :

BNA_N

ClientSampleId :

A4BS0DL

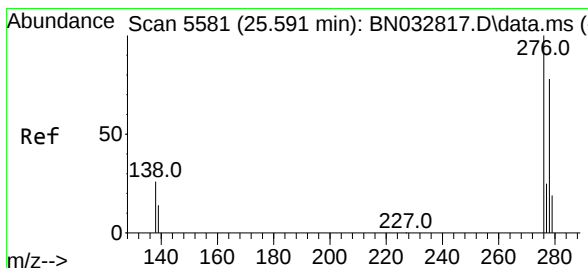
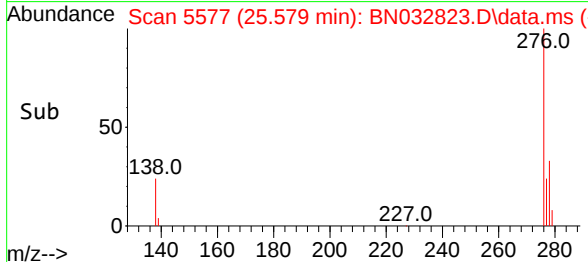
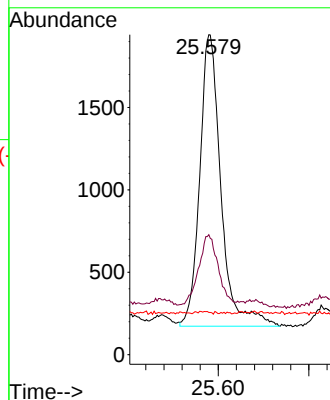
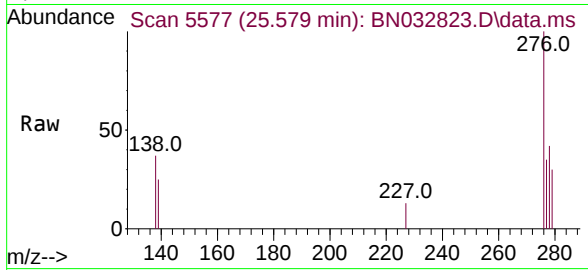
Tgt Ion:	276	Resp:	574
Ion Ratio	Lower	Upper	
276	100		
138	23.8	21.6	32.4
227	0.1	0.0	0.0

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.054 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.014 min

Lab File: BN032823.D

Acq: 18 Jul 2024 18:38

Tgt Ion:	278	Resp:	2215
Ion Ratio	Lower	Upper	
278	100		
139	58.2	16.6	24.8#
279	72.0	23.7	35.5#

