

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032824.D
 Acq On : 18 Jul 2024 19:14
 Operator : MA/JU
 Sample : P3177-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:39:26 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	4122	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	12571	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.187	164	6846	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	11963	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	11187	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	12745m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2191	0.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	493	0.026	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1012	0.028	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	2021	0.060	ng/ul#	89
7) 2-Methylnaphthalene	12.003	142	558	0.026	ng/ul	96
11) Acenaphthene	14.252	153	2403	0.105	ng/ul	98
12) Fluorene	15.251	166	2176	0.083	ng/ul#	94
15) Phenanthrene	16.994	178	24566	0.754	ng/ul	99
16) Anthracene	17.086	178	5870	0.221	ng/ul#	88
19) Fluoranthene	19.021	202	34663	0.762	ng/ul	99
20) Pyrene	19.388	202	20096	0.427	ng/ul	99
21) Benzo(a)anthracene	21.152	228	16479m	0.463	ng/ul	
22) Chrysene	21.204	228	14258	0.277	ng/ul#	94
24) Benzo(b)fluoranthene	22.706	252	19198m	0.427	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	8234m	0.150	ng/ul	
26) Benzo(a)pyrene	23.265	252	5527	0.142	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	25.578	276	5634	0.107	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.574	278	2298	0.056	ng/ul#	14

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

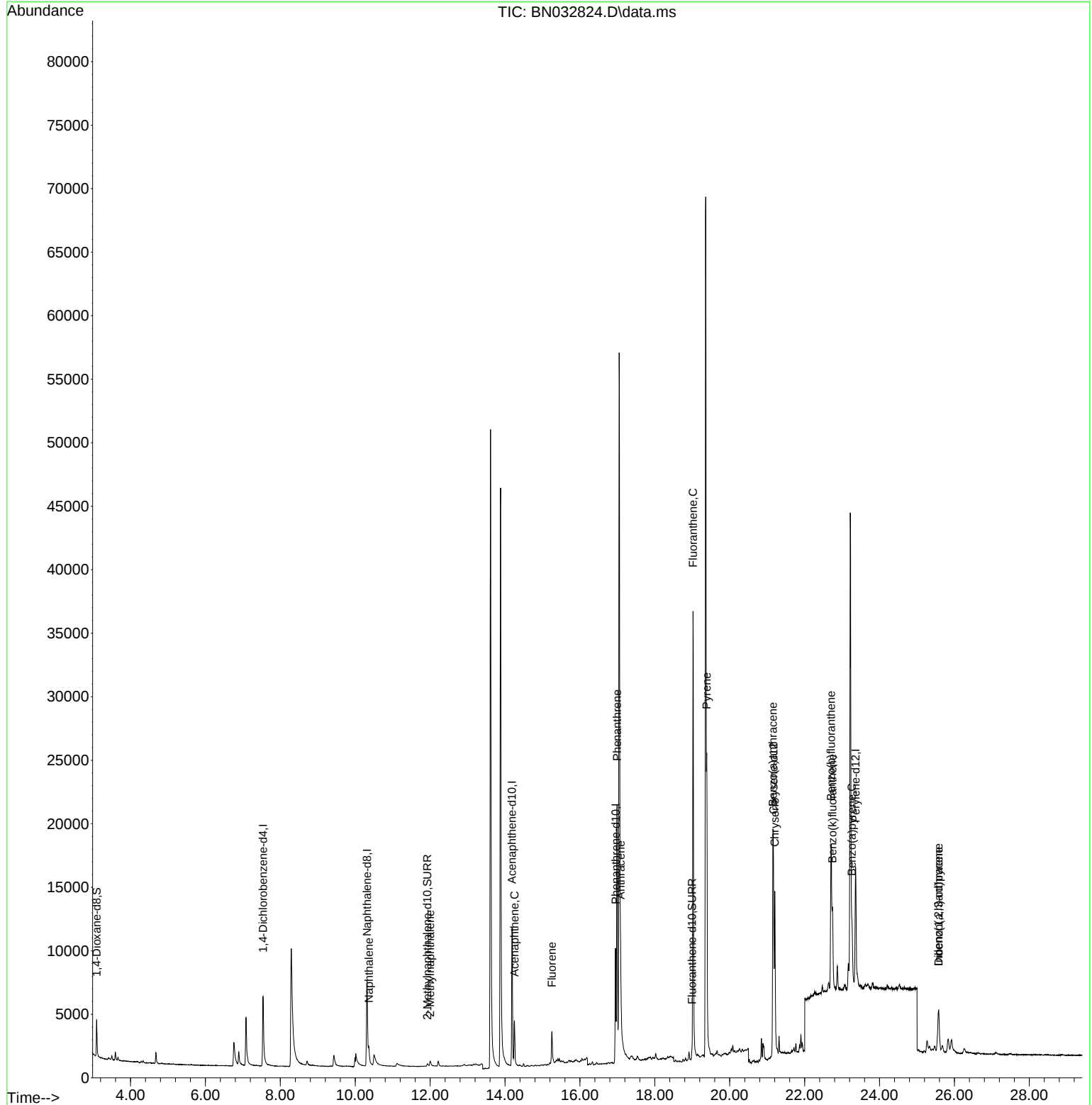
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032824.D
Acq On : 18 Jul 2024 19:14
Operator : MA/JU
Sample : P3177-05DL 5X
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ALS Vial : 9 Sample Multiplier: 1

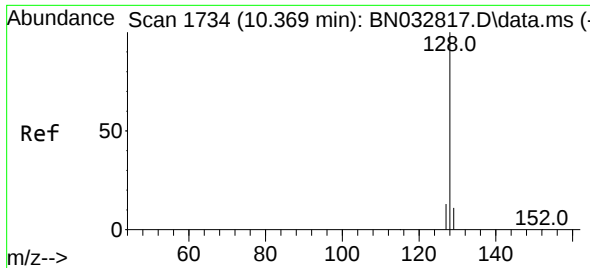
Instrument :
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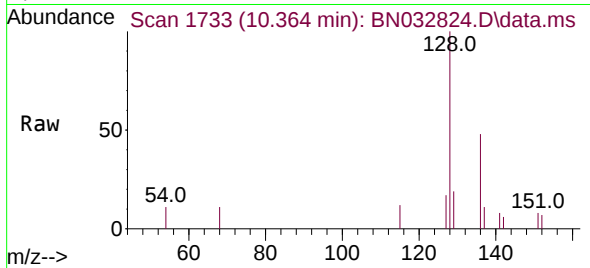
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.007 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

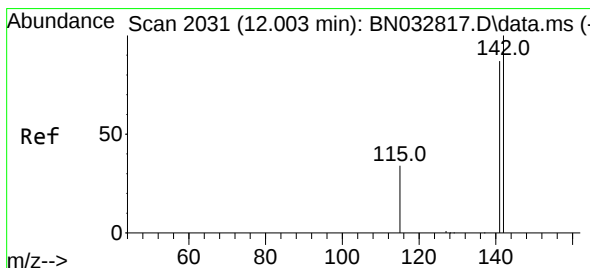
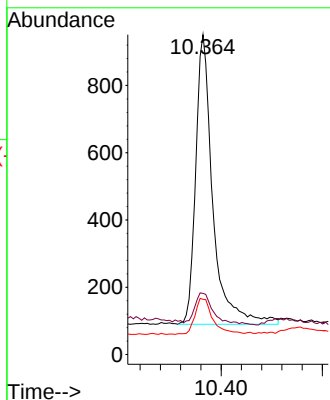
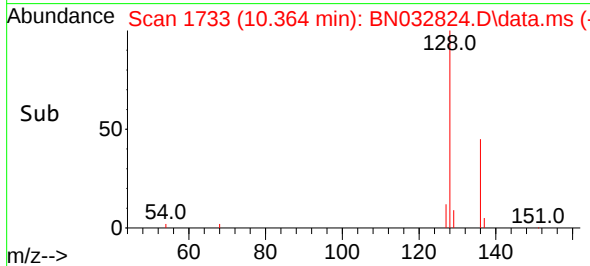
Instrument :
BNA_N
ClientSampleId :
A4BS3DL



Tgt Ion:128 Resp: 202
Ion Ratio Lower Upper
128 100
129 19.1 10.0 15.0
127 17.2 11.6 17.4

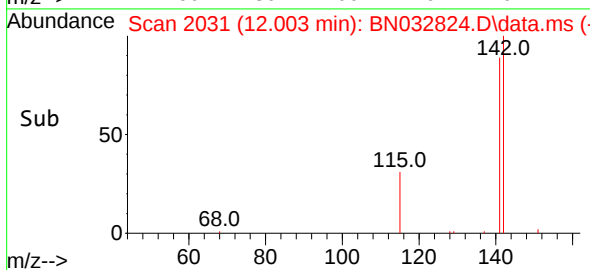
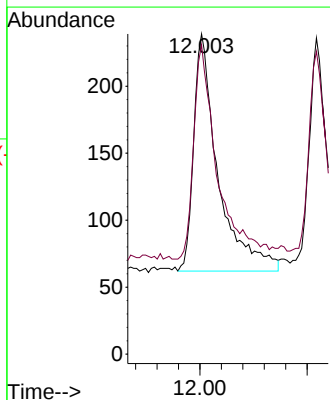
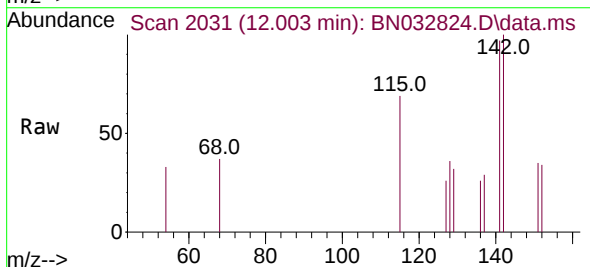
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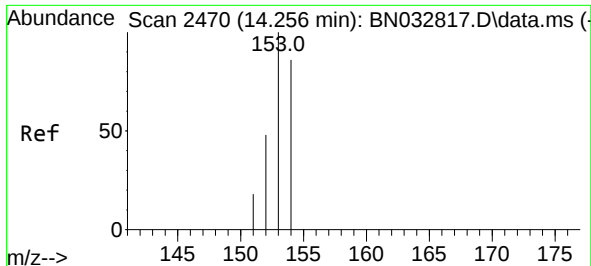
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.003 min Scan# 2031
Delta R.T. -0.001 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

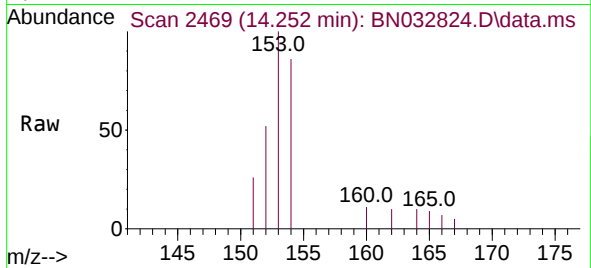
Tgt Ion:142 Resp: 558
Ion Ratio Lower Upper
142 100
141 88.7 74.0 111.0





#11
Acenaphthene
Concen: 0.105 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

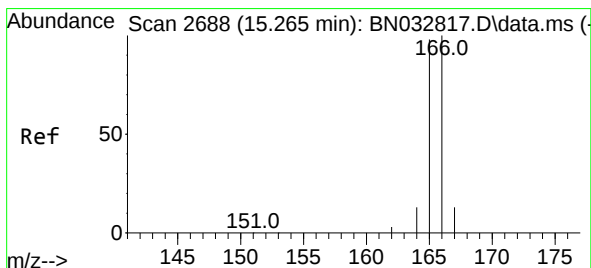
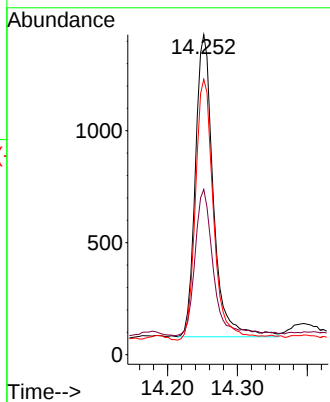
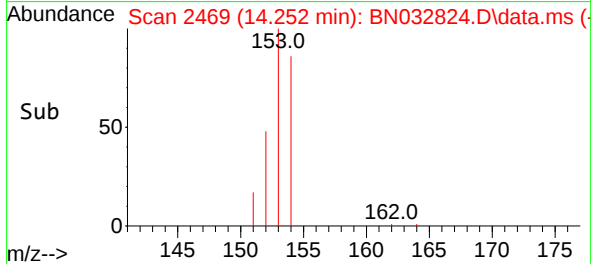
Instrument :
BNA_N
ClientSampleId :
A4BS3DL



Tgt Ion:153 Resp: 240
Ion Ratio Lower Upper
153 100
152 51.6 40.0 60.0
154 86.1 70.2 105.4

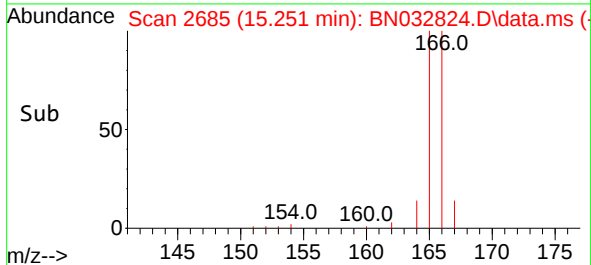
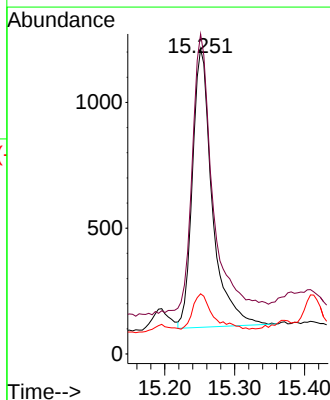
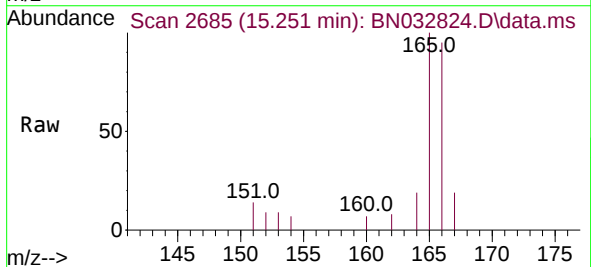
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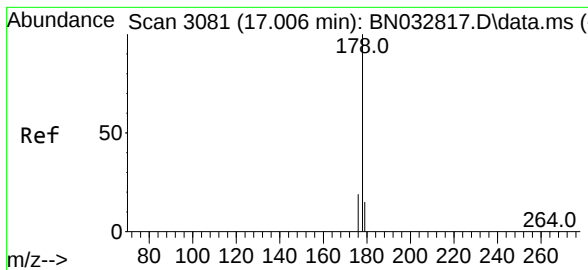
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.015 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

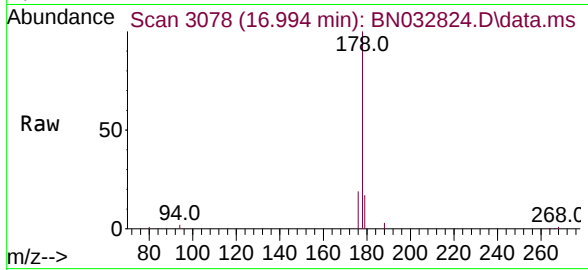
Tgt Ion:166 Resp: 2176
Ion Ratio Lower Upper
166 100
165 104.9 79.7 119.5
167 19.7 11.4 17.2#





#15
Phenanthrene
Concen: 0.754 ng/ul
RT: 16.994 min Scan# 3081
Delta R.T. -0.014 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

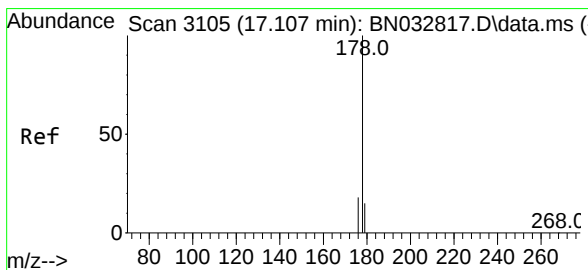
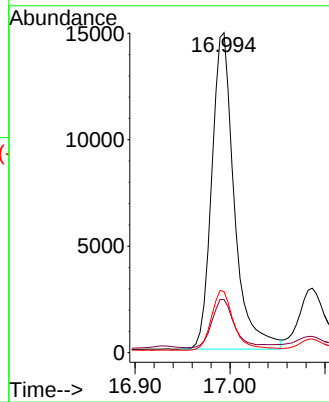
Instrument :
BNA_N
ClientSampleId :
A4BS3DL



Tgt Ion:178 Resp: 24560
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.1 15.6 23.4

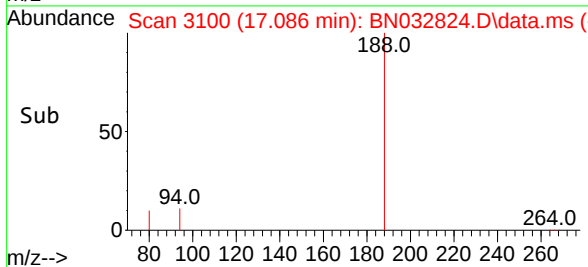
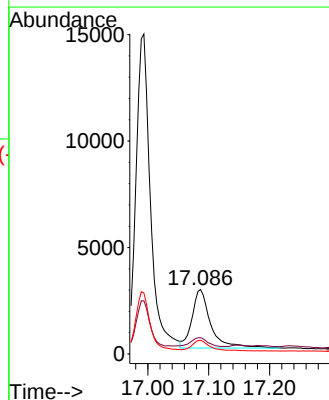
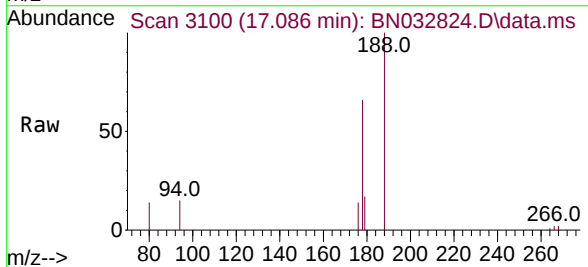
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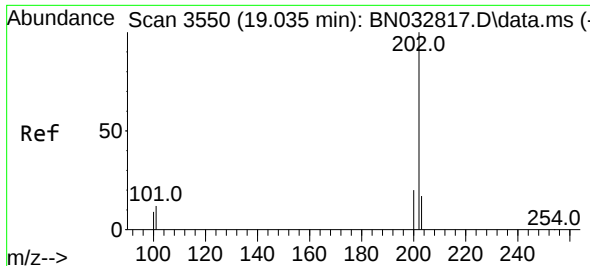
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.086 min Scan# 3100
Delta R.T. -0.018 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

Tgt Ion:178 Resp: 5870
Ion Ratio Lower Upper
178 100
179 25.4 13.4 20.2#
176 21.2 15.4 23.0





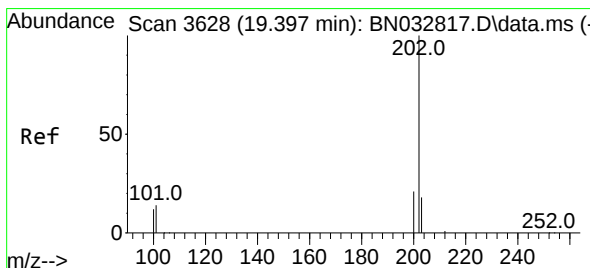
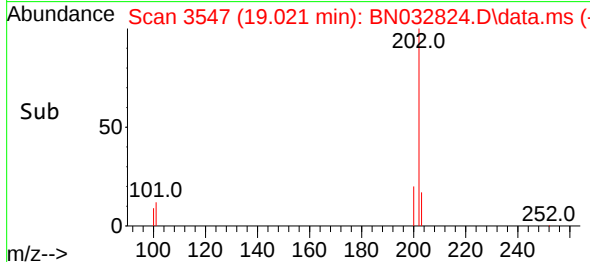
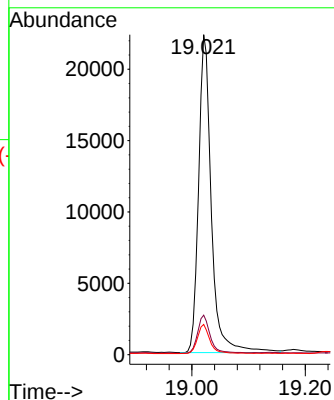
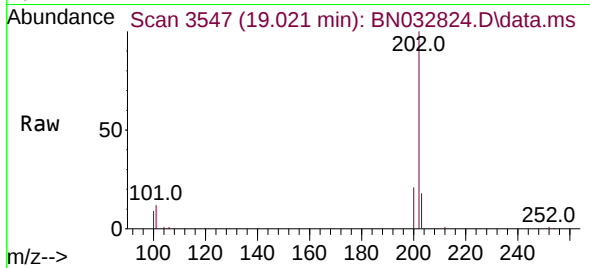
#19
Fluoranthene
Concen: 0.762 ng/u1
RT: 19.021 min Scan# 3547
Delta R.T. -0.011 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

Instrument :
BNA_N
ClientSampleId :
A4BS3DL

Tgt Ion:202 Resp: 3466
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.4 7.9 11.9

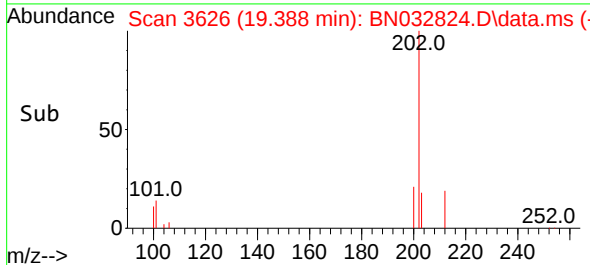
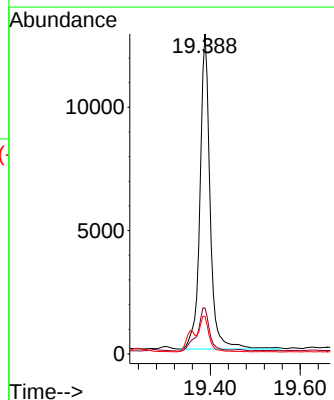
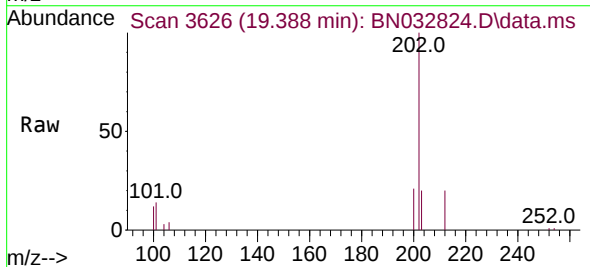
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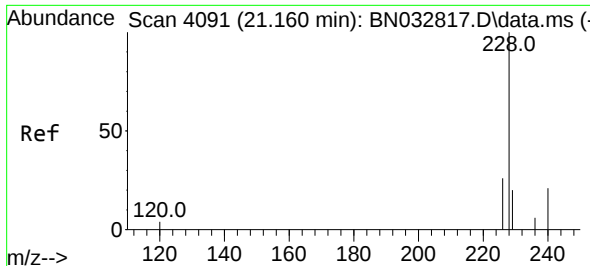
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.427 ng/u1
RT: 19.388 min Scan# 3626
Delta R.T. -0.011 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

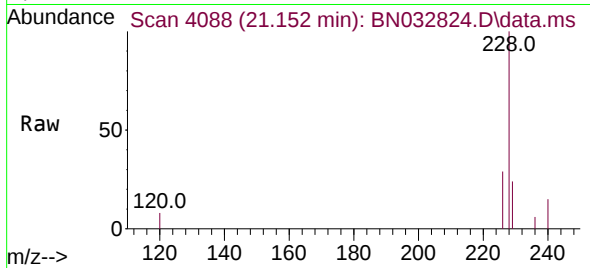
Tgt Ion:202 Resp: 20096
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.463 ng/ul m
RT: 21.152 min Scan# 4088
Delta R.T. -0.007 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

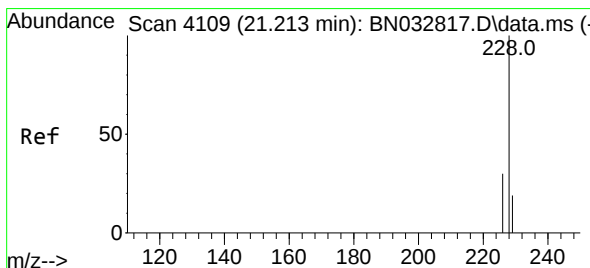
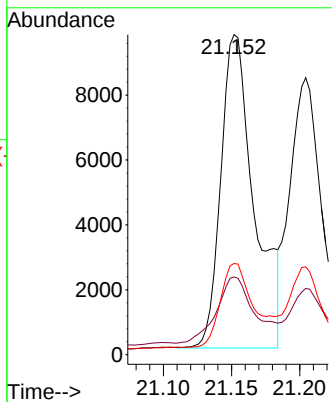
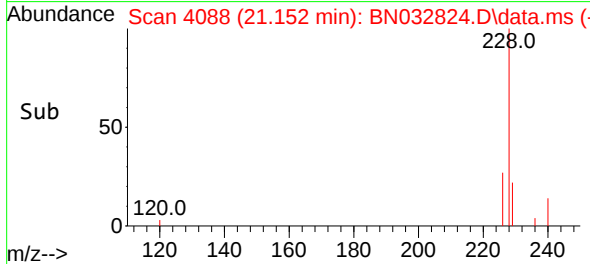
Instrument :
BNA_N
ClientSampleId :
A4BS3DL



Tgt Ion:228 Resp: 16479
Ion Ratio Lower Upper
228 100
229 24.3 16.1 24.1
226 28.5 21.9 32.9

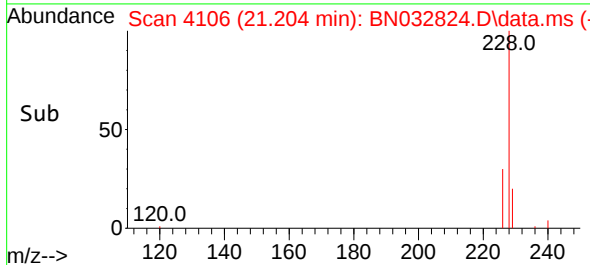
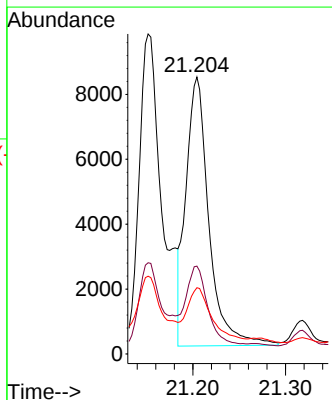
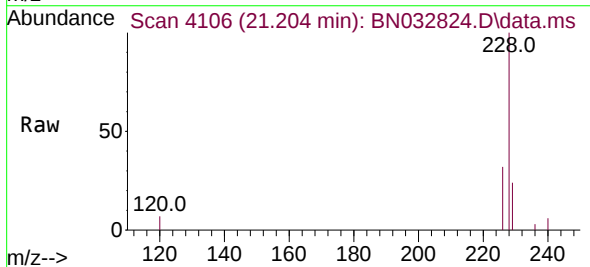
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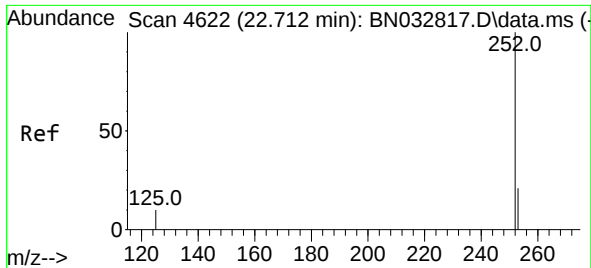
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.277 ng/ul
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

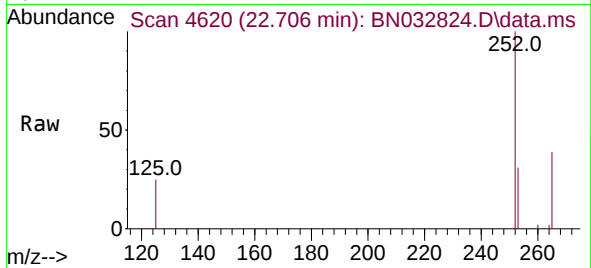
Tgt Ion:228 Resp: 14258
Ion Ratio Lower Upper
228 100
226 31.7 24.0 36.0
229 23.9 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

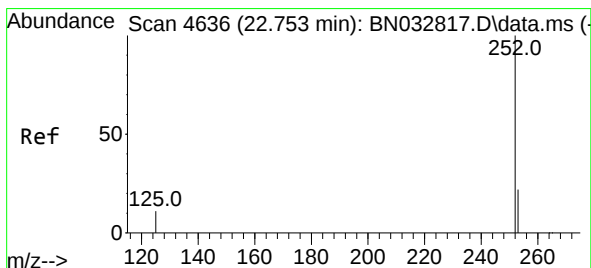
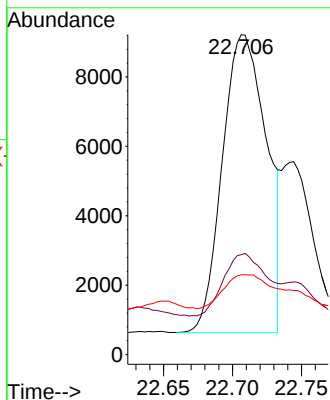
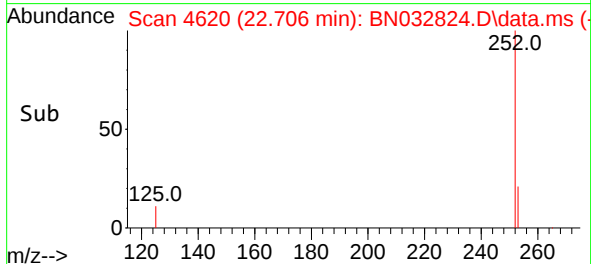
Instrument :
BNA_N
ClientSampleId :
A4BS3DL



Tgt Ion:252 Resp: 19198
Ion Ratio Lower Upper
252 100
253 31.3 0.0 54.0
125 25.0 0.0 36.0

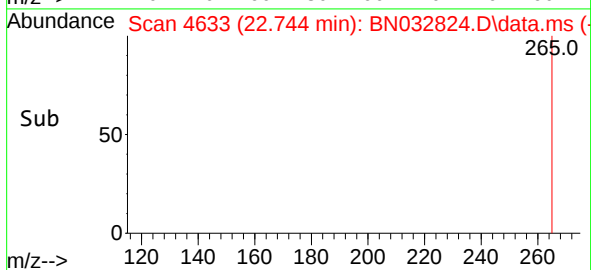
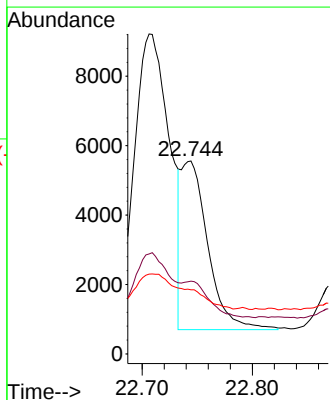
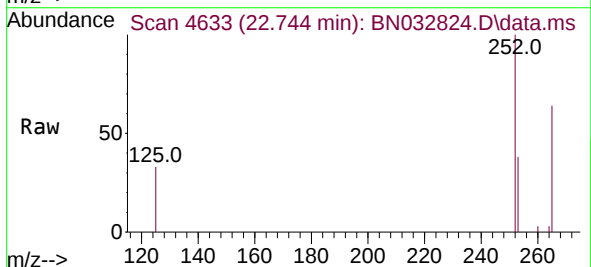
Manual Integrations
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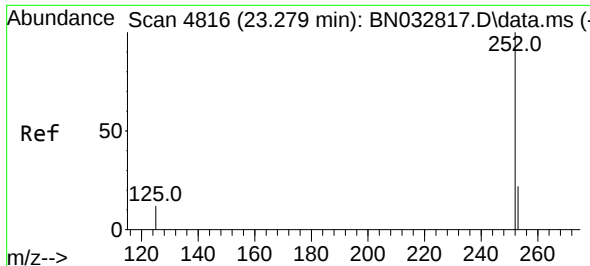
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.150 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.010 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

Tgt Ion:252 Resp: 8234
Ion Ratio Lower Upper
252 100
253 37.8 21.2 31.8#
125 33.2 14.8 22.2#





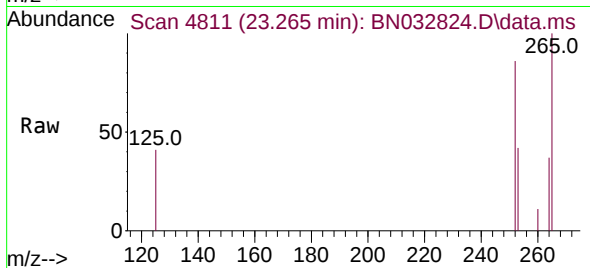
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Benzo(a)pyrene
Concen: 0.142 ng/ul
RT: 23.265 min Scan# 4816
Delta R.T. -0.013 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

Instrument :

BN032824.D

ClientSampleId :

A4BS3DL



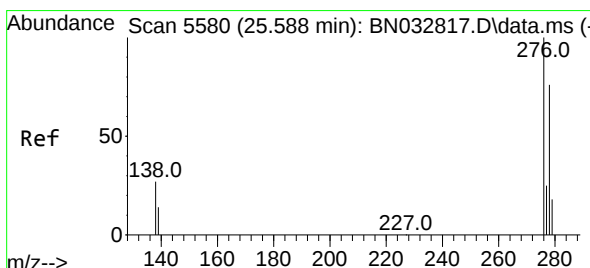
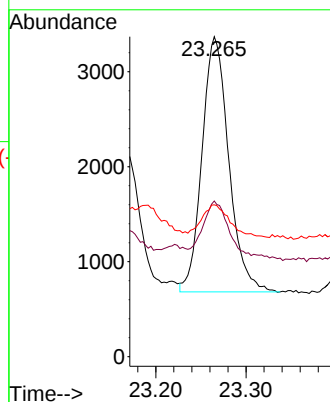
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Ion Ratio Lower Upper
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125 47.4 20.6 30.8

Manual Integrations

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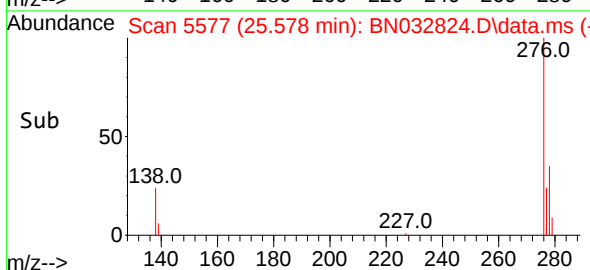
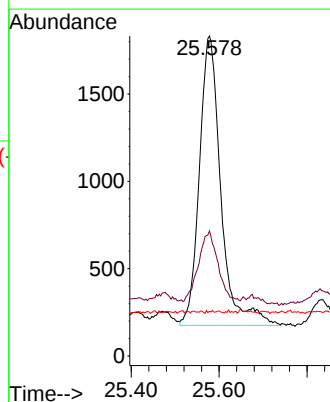
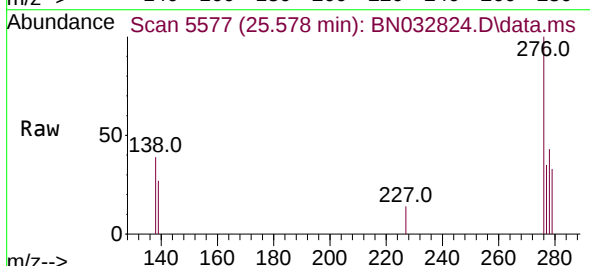
Reviewed By :Yogesh Patel 07/19/2024

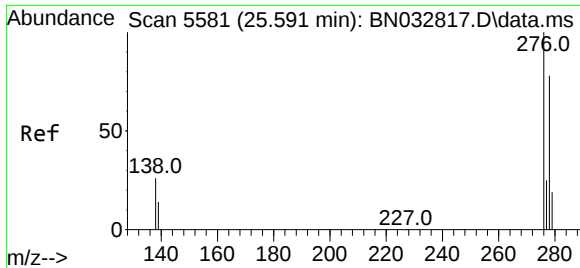
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.578 min Scan# 5577
Delta R.T. -0.005 min
Lab File: BN032824.D
Acq: 18 Jul 2024 19:14

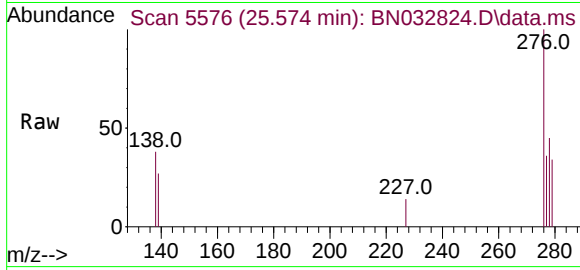
Tgt Ion:276 Resp: 5634
Ion Ratio Lower Upper
276 100
138 23.3 21.6 32.4
227 0.1 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.056 ng/ul
 RT: 25.574 min Scan# 51
 Delta R.T. -0.015 min
 Lab File: BN032824.D
 Acq: 18 Jul 2024 19:14

Instrument :
 BNA_N
 ClientSampleId :
 A4BS3DL



Tgt Ion:278 Resp: 2298
 Ion Ratio Lower Upper
 278 100
 139 60.8 16.6 24.8
 279 75.4 23.7 35.5

Manual Integrations
 APPROVED

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

