

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033106.D
 Acq On : 30 Jul 2024 15:03
 Operator : MA/JU
 Sample : PB162283BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS283

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 15:49:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.583	152	1374m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.339	136	5294	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.171	164	3518	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	7636	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	6686	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	7119	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.060	96	1087	0.625	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.950	152	2647	0.306	ng/ul	0.02
18) Fluoranthene-d10	18.981	212	7046	0.372	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	3146	1.588	ng/ul#	69
5) Naphthalene	10.394	128	4782	0.352	ng/ul	94
7) 2-Methylnaphthalene	12.022	142	2901	0.315	ng/ul	98
8) 1-Methylnaphthalene	12.214	142	3106	0.312	ng/ul	100
10) Acenaphthylene	13.902	152	5109	0.355	ng/ul	97
11) Acenaphthene	14.236	153	4086	0.377	ng/ul	98
12) Fluorene	15.258	166	4468	0.354	ng/ul	99
14) Pentachlorophenol	16.650	266	596	0.383	ng/ul	98
15) Phenanthrene	16.992	178	7238	0.353	ng/ul	98
16) Anthracene	17.101	178	5700	0.310	ng/ul	96
19) Fluoranthene	19.014	202	10032	0.456	ng/ul	99
20) Pyrene	19.376	202	9861	0.418	ng/ul	99
21) Benzo(a)anthracene	21.142	228	7762	0.340	ng/ul	99
22) Chrysene	21.192	228	10500	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.685	252	8260	0.397	ng/ul	95
25) Benzo(k)fluoranthene	22.732	252	10012	0.402	ng/ul	95
26) Benzo(a)pyrene	23.255	252	8007	0.409	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.550	276	10074	0.338	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.547	278	7926	0.336	ng/ul	94
29) Benzo(g,h,i)perylene	26.228	276	8148	0.345	ng/ul	98

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

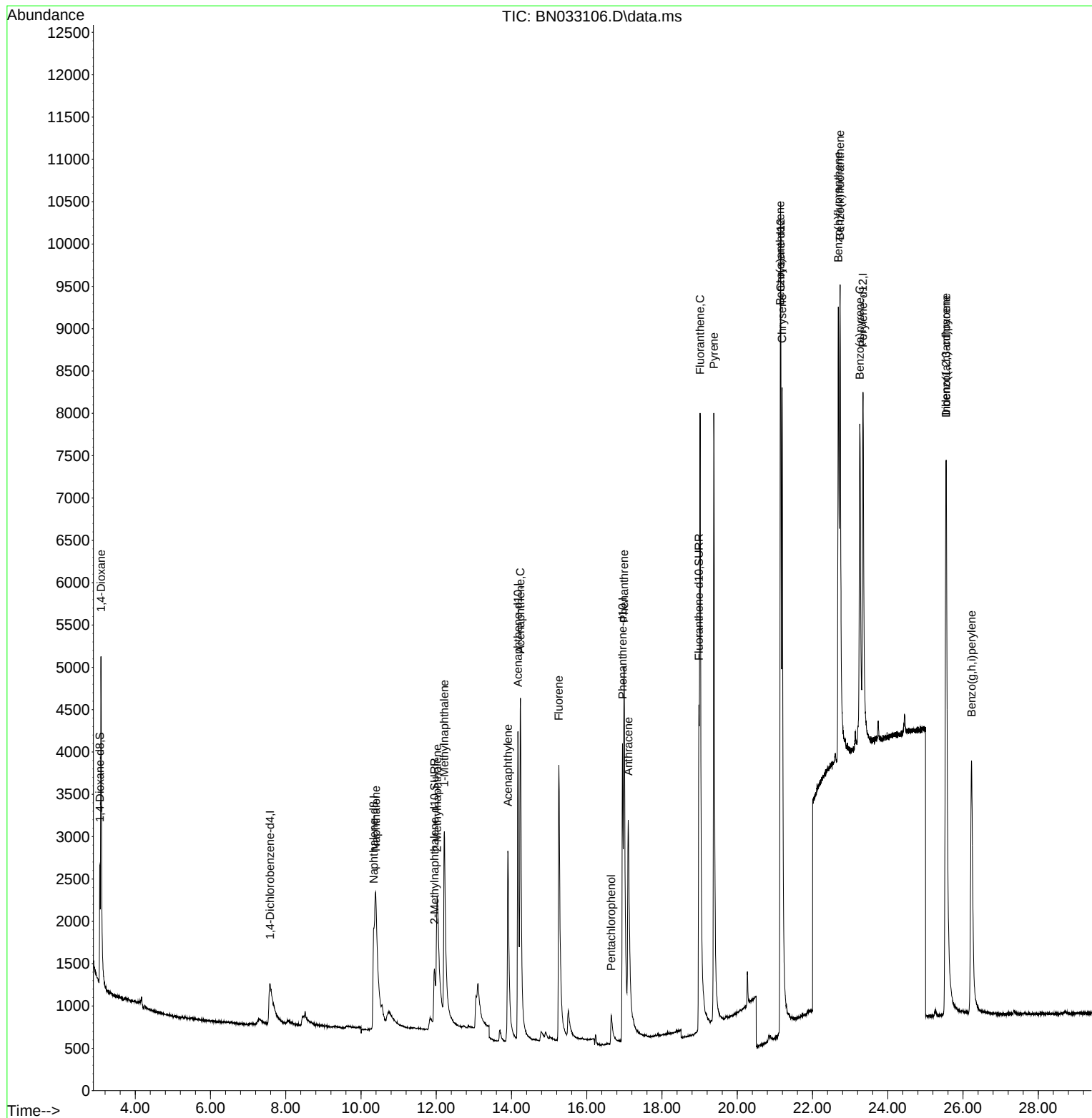
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033106.D
Acq On : 30 Jul 2024 15:03
Operator : MA/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

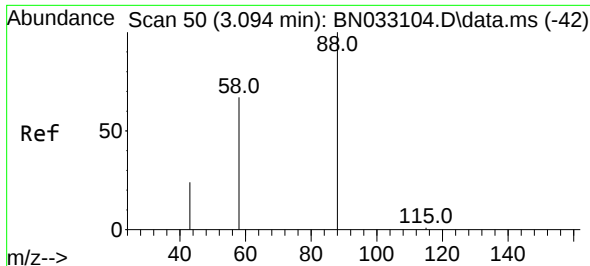
Instrument :
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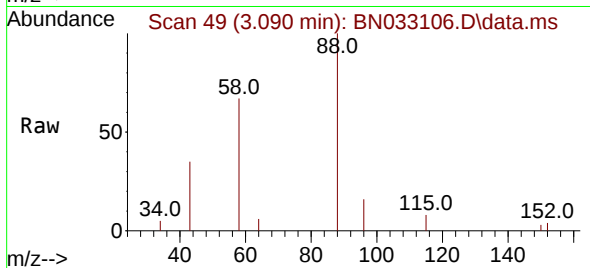


#2
1,4-Dioxane
Concen: 1.588 ng/ul
RT: 3.090 min Scan# 49
Delta R.T. -0.004 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

Instrument :

BNA_N

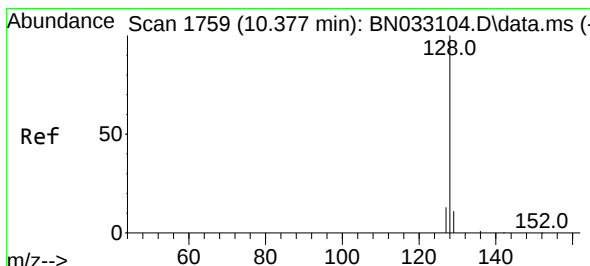
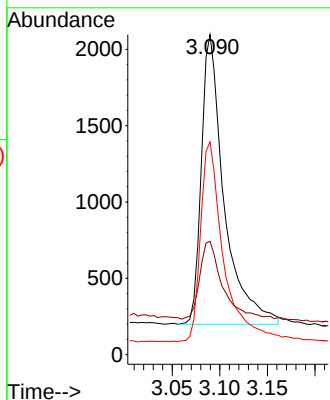
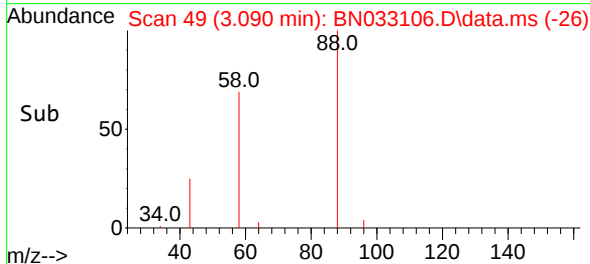
ClientSampleId :
SLCS283



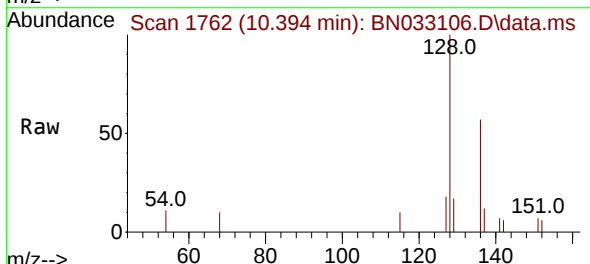
Tgt Ion: 88 Resp: 3140
Ion Ratio Lower Upper
88 100
43 35.4 63.4 95.2
58 66.5 49.4 74.0

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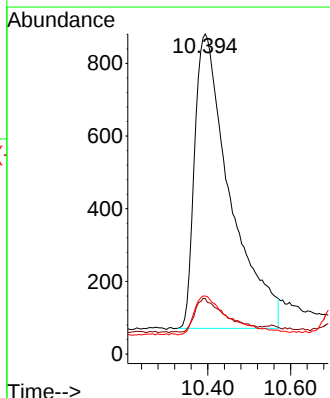
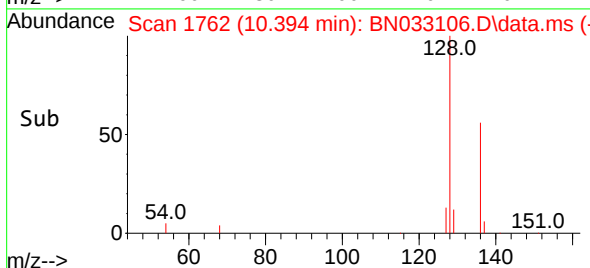
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

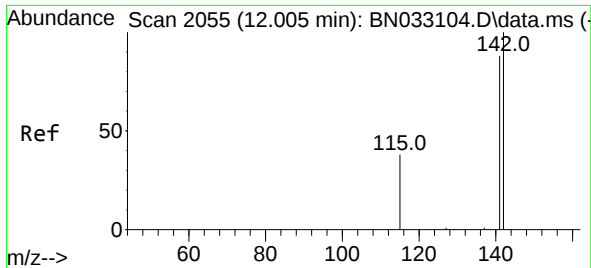


#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.394 min Scan# 1762
Delta R.T. 0.017 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



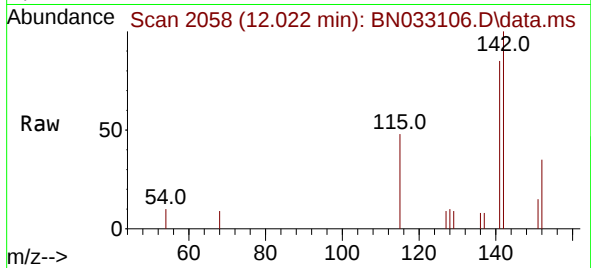
Tgt Ion:128 Resp: 4782
Ion Ratio Lower Upper
128 100
129 17.4 12.0 18.0
127 18.2 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.315 ng/ul
RT: 12.022 min Scan# 2058
Delta R.T. 0.017 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

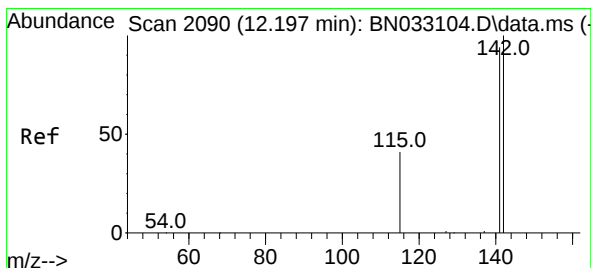
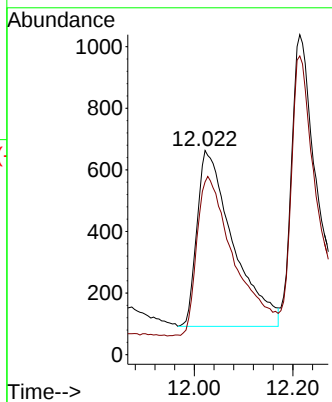
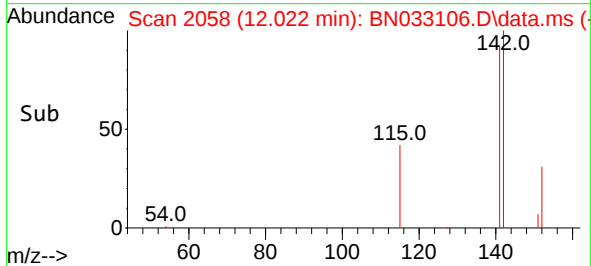
Instrument :
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ClientSampleId :
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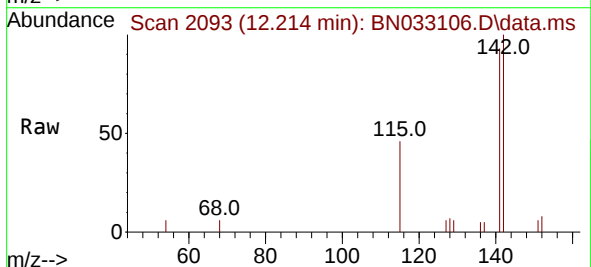
Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
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141 95.9 75.2 112.8

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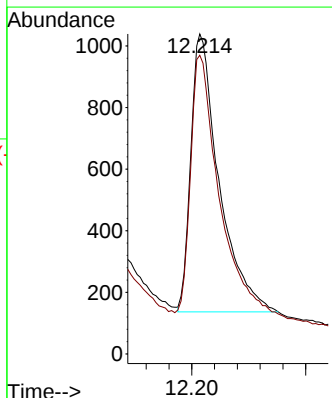
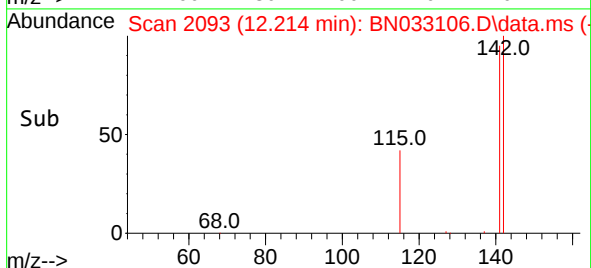
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

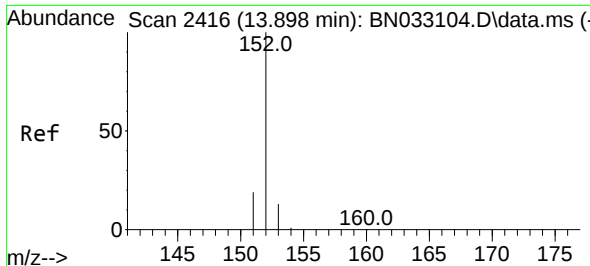


#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.214 min Scan# 2093
Delta R.T. 0.017 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



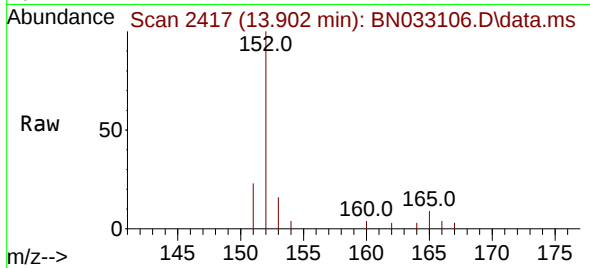
Tgt Ion:142 Resp: 3106
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5





#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.902 min Scan# 2417
Delta R.T. 0.005 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

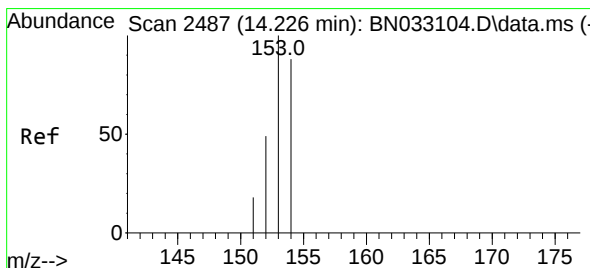
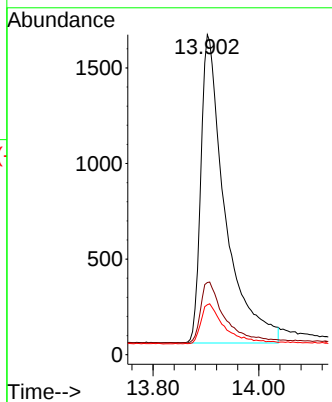
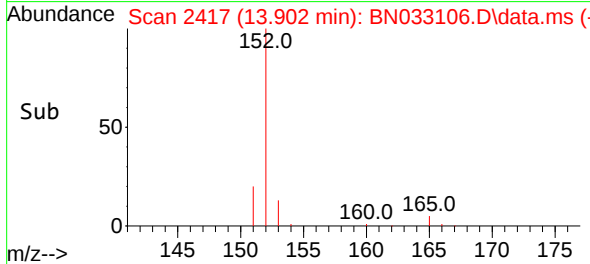
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 5109
Ion Ratio Lower Upper
152 100
151 22.6 16.8 25.2
153 15.6 11.9 17.9

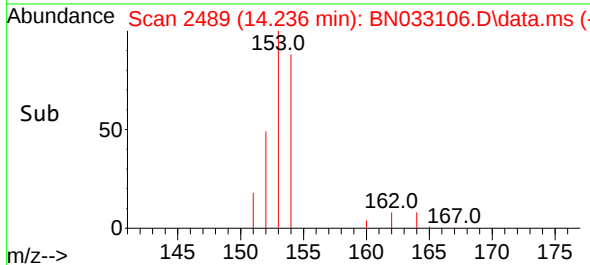
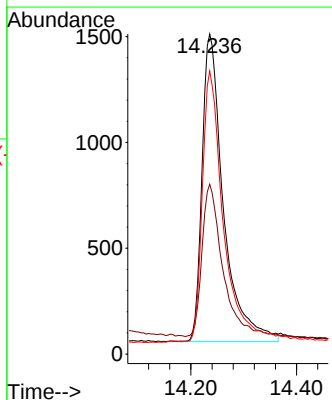
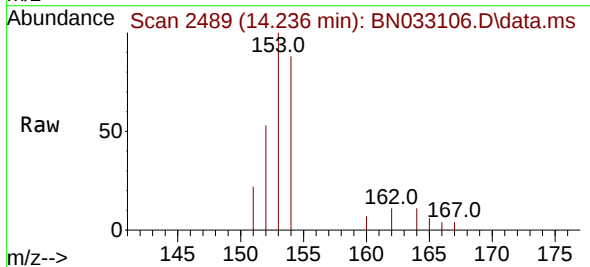
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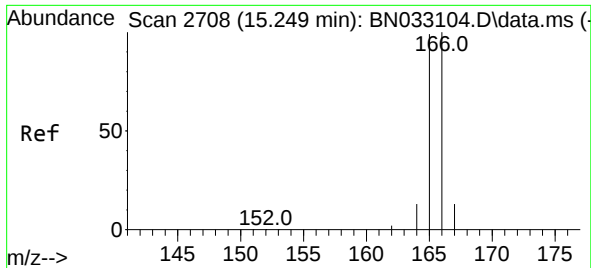
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.009 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

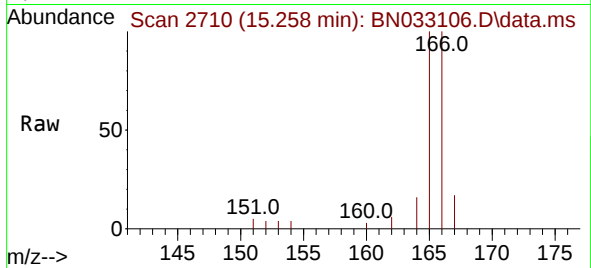
Tgt Ion:153 Resp: 4086
Ion Ratio Lower Upper
153 100
152 53.1 40.0 60.0
154 88.4 70.1 105.1





#12
 Fluorene
 Concen: 0.354 ng/ul
 RT: 15.258 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BN033106.D
 Acq: 30 Jul 2024 15:03

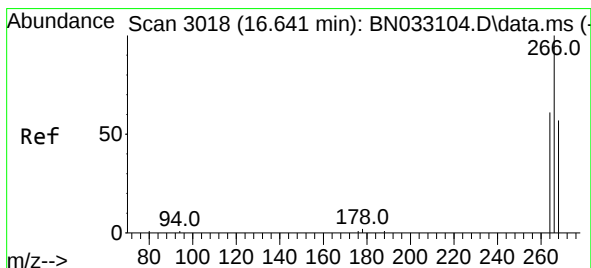
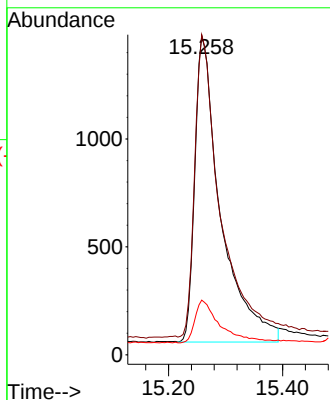
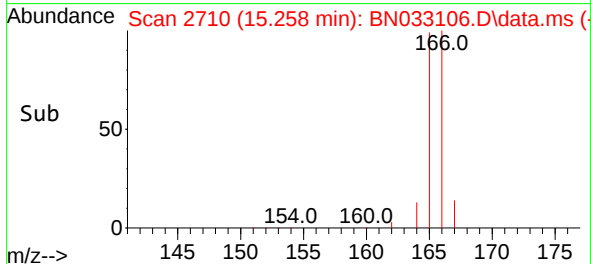
Instrument :
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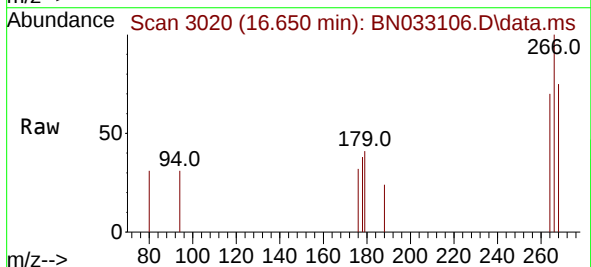
Tgt Ion:166 Resp: 446
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.6 119.4
 167 17.1 12.2 18.4

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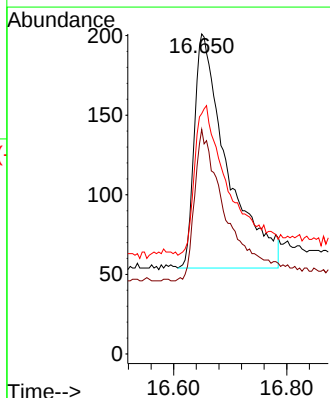
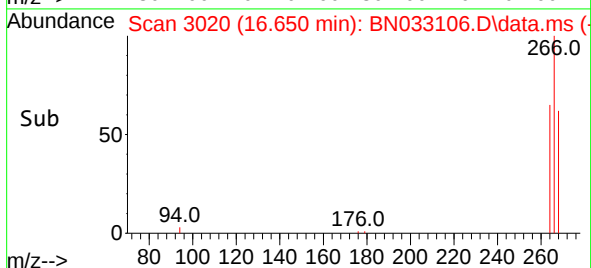
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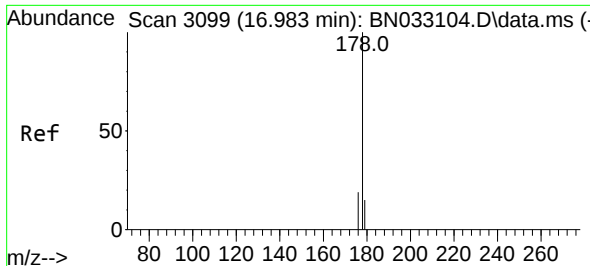


#14
 Pentachlorophenol
 Concen: 0.383 ng/ul
 RT: 16.650 min Scan# 3020
 Delta R.T. 0.009 min
 Lab File: BN033106.D
 Acq: 30 Jul 2024 15:03



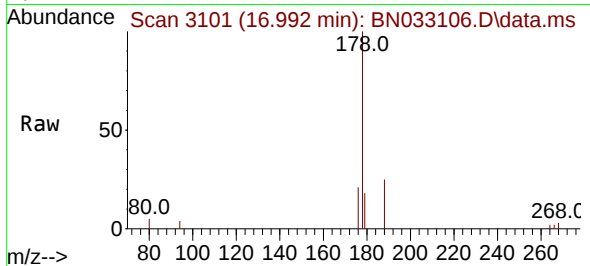
Tgt Ion:266 Resp: 596
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.3 73.9
 268 67.1 51.8 77.8





#15
Phenanthrene
Concen: 0.353 ng/u1
RT: 16.992 min Scan# 3101
Delta R.T. 0.009 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

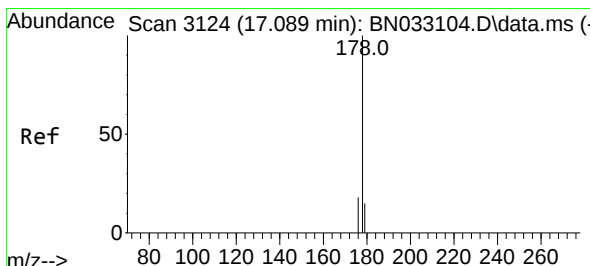
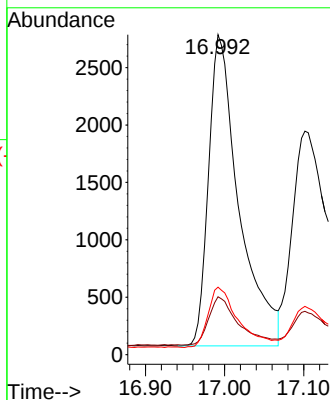
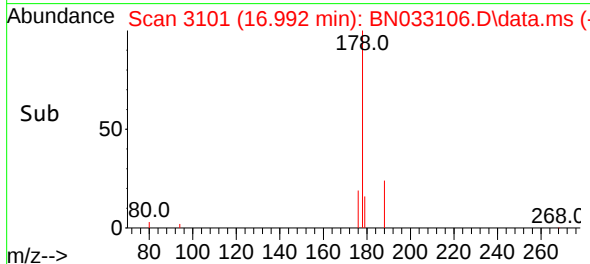
Instrument :
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Tgt Ion:178 Resp: 7238
Ion Ratio Lower Upper
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179 18.1 13.7 20.5
176 21.1 15.9 23.9

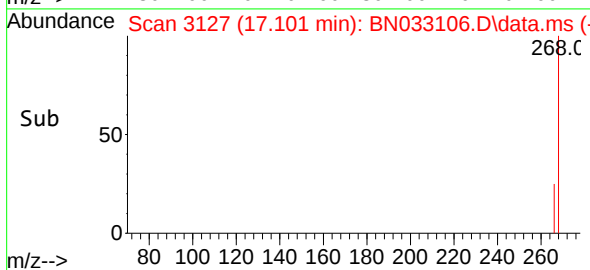
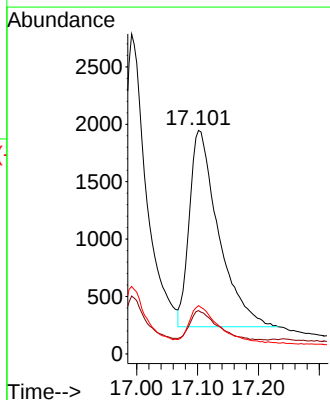
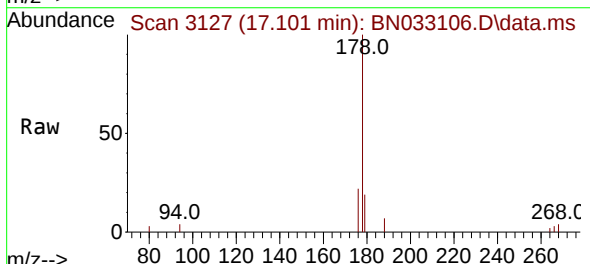
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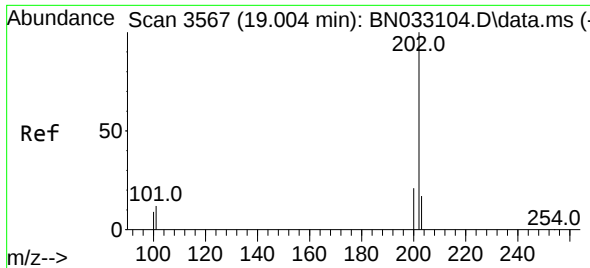
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 0.310 ng/u1
RT: 17.101 min Scan# 3127
Delta R.T. 0.013 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

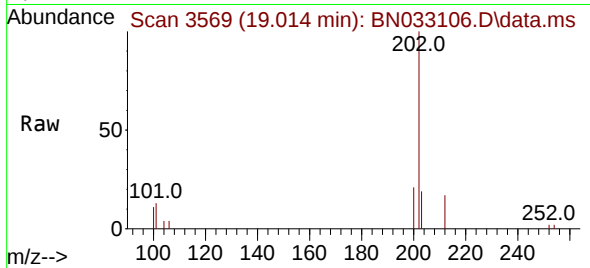
Tgt Ion:178 Resp: 5700
Ion Ratio Lower Upper
178 100
179 19.4 14.3 21.5
176 21.6 15.8 23.8





#19
Fluoranthene
Concen: 0.456 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. 0.009 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

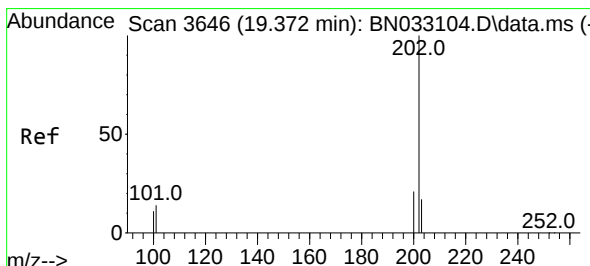
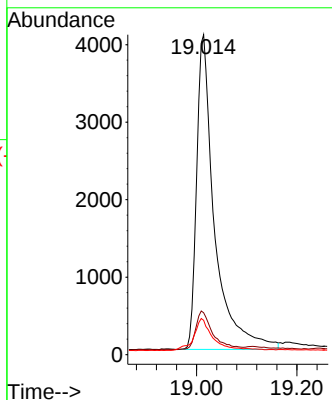
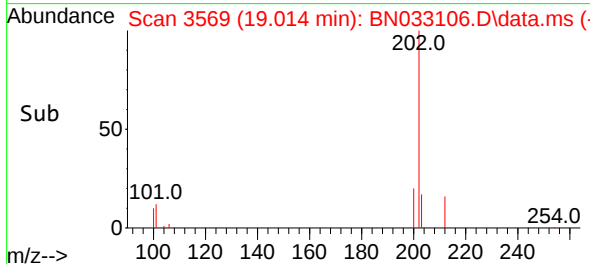
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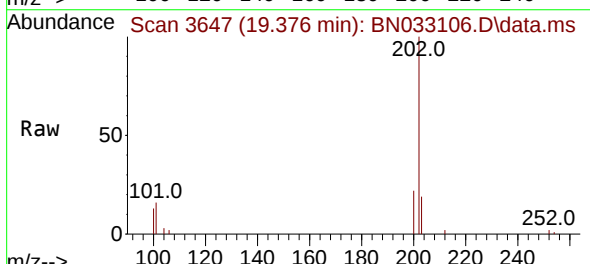
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Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.7 8.3 12.5

Manual Integrations
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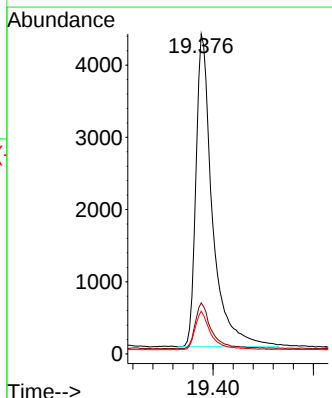
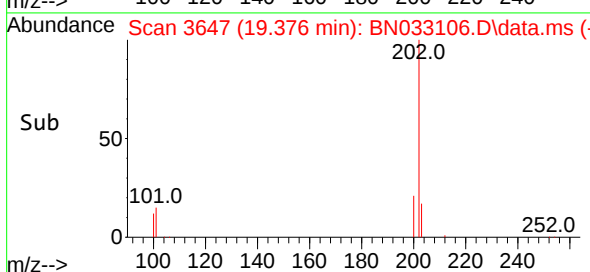
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

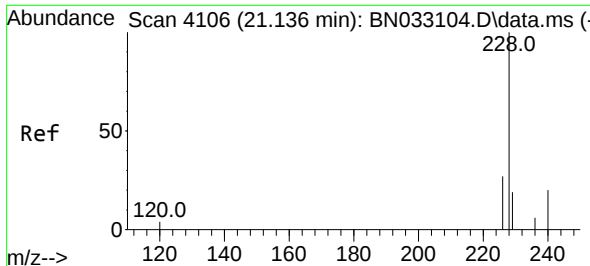


#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. 0.005 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



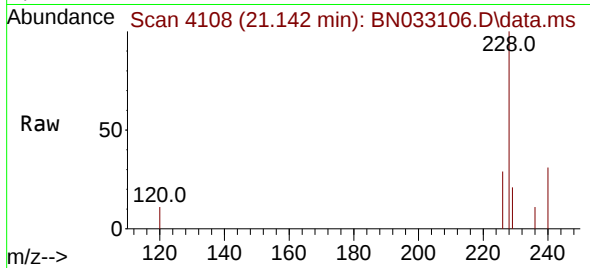
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Ion Ratio Lower Upper
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101 16.0 12.6 18.8
100 13.3 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.340 ng/u1
RT: 21.142 min Scan# 4108
Delta R.T. 0.006 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

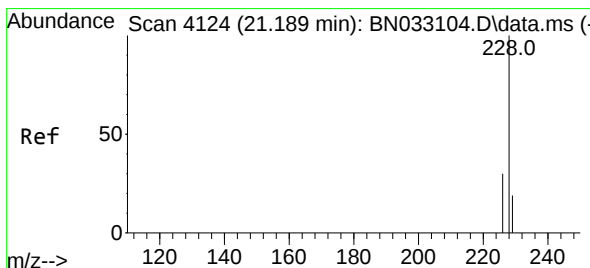
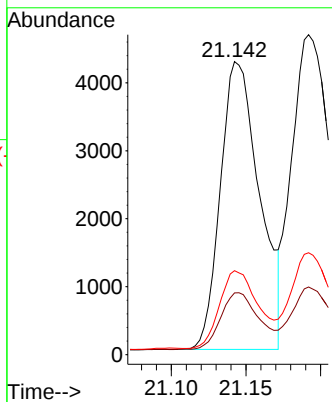
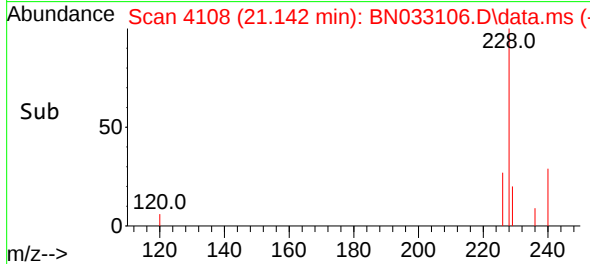
Instrument :
BNA_N
ClientSampleId :
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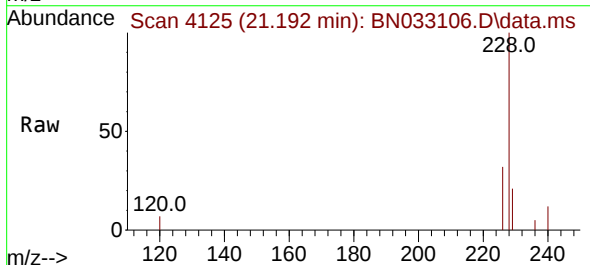
Tgt Ion:228 Resp: 7762
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.7 22.4 33.6

Manual Integrations
APPROVED

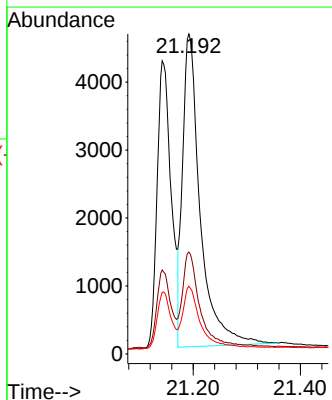
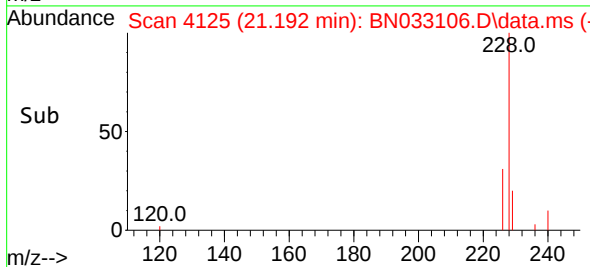
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

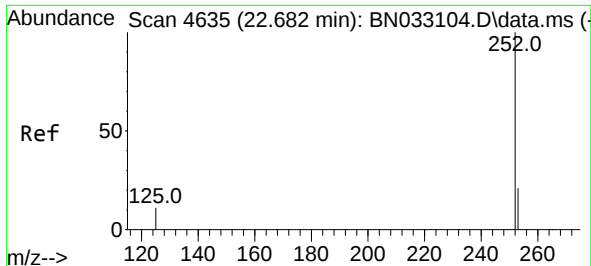


#22
Chrysene
Concen: 0.395 ng/u1
RT: 21.192 min Scan# 4125
Delta R.T. 0.003 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



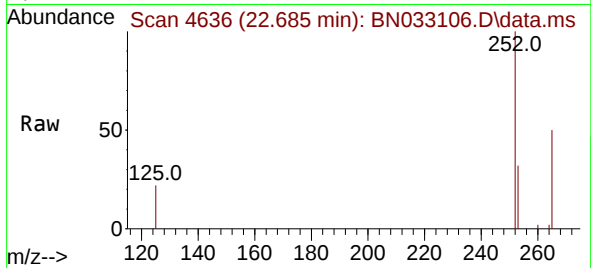
Tgt Ion:228 Resp: 10500
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 21.2 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.397 ng/u1
RT: 22.685 min Scan# 4635
Delta R.T. 0.003 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

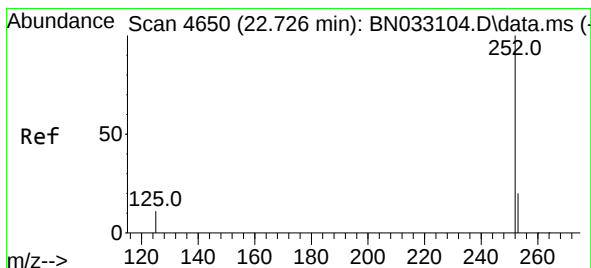
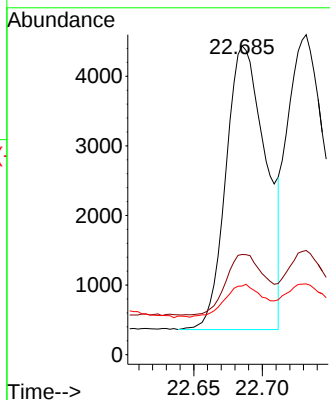
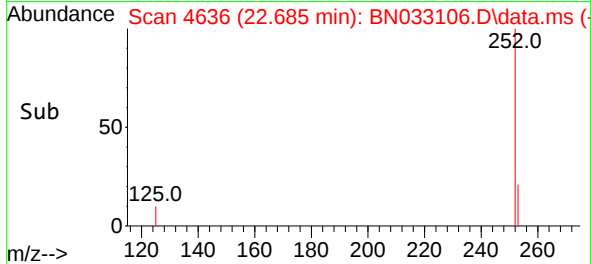
Instrument :
BNA_N
ClientSampleId :
SLCS283



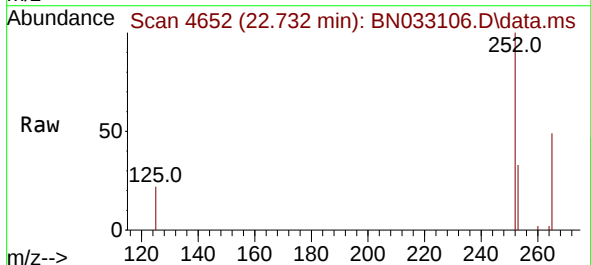
Tgt Ion:252 Resp: 8260
Ion Ratio Lower Upper
252 100
253 32.4 0.0 60.6
125 22.2 0.0 51.0

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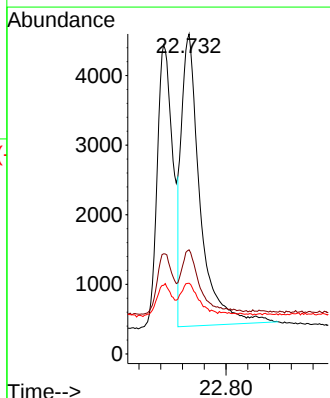
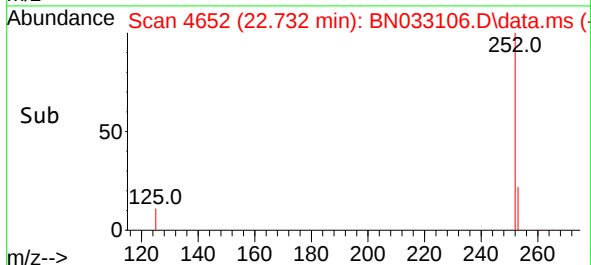
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

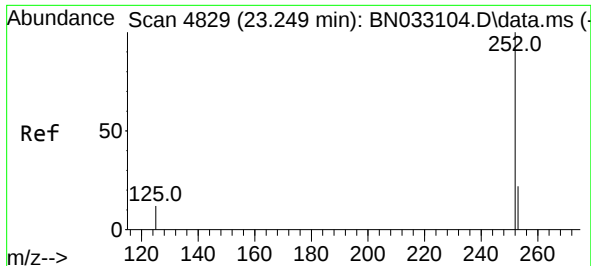


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/u1
RT: 22.732 min Scan# 4652
Delta R.T. 0.006 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



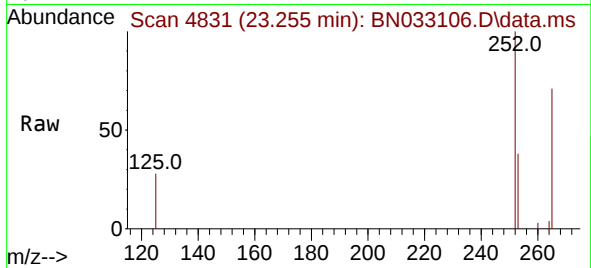
Tgt Ion:252 Resp: 10012
Ion Ratio Lower Upper
252 100
253 32.5 24.9 37.3
125 22.1 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.255 min Scan# 4831
Delta R.T. 0.006 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

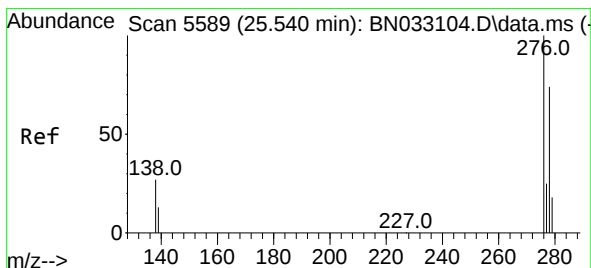
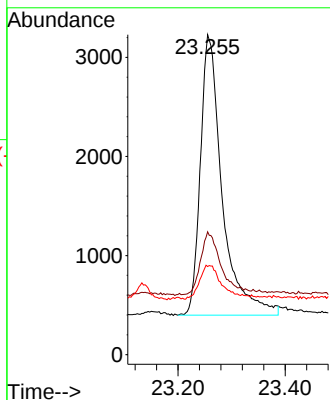
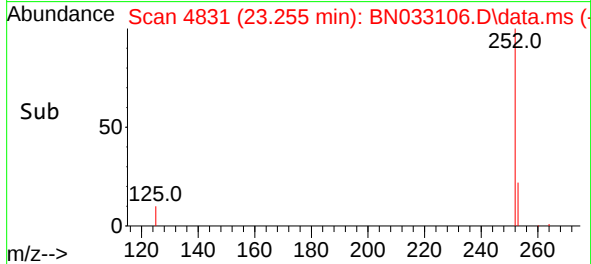
Instrument :
BNA_N
ClientSampleId :
SLCS283



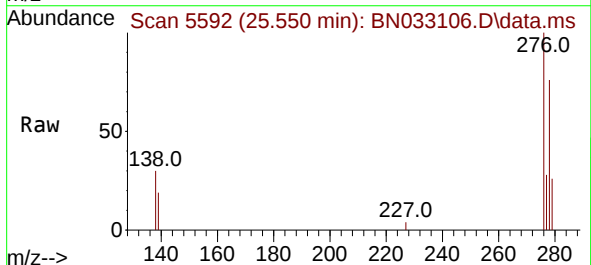
Tgt Ion:252 Resp: 800
Ion Ratio Lower Upper
252 100
253 38.4 27.5 41.3
125 27.6 27.0 40.6

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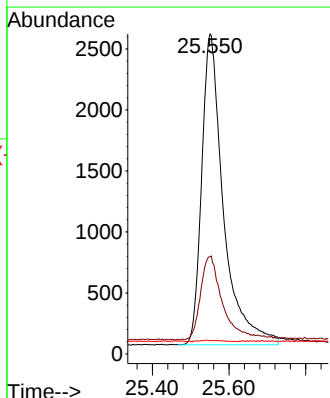
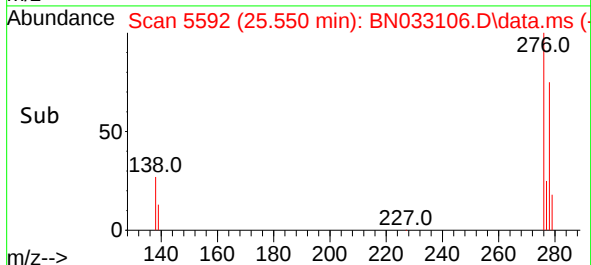
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

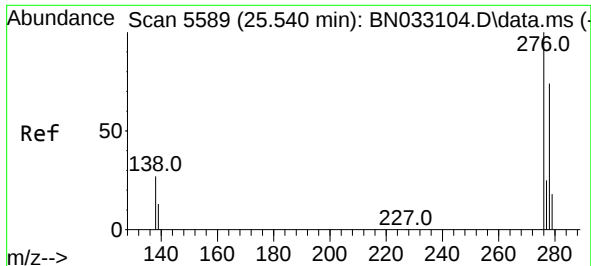


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 25.550 min Scan# 5592
Delta R.T. 0.010 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



Tgt Ion:276 Resp: 10074
Ion Ratio Lower Upper
276 100
138 27.5 21.8 32.8
227 0.1 0.2 0.2#





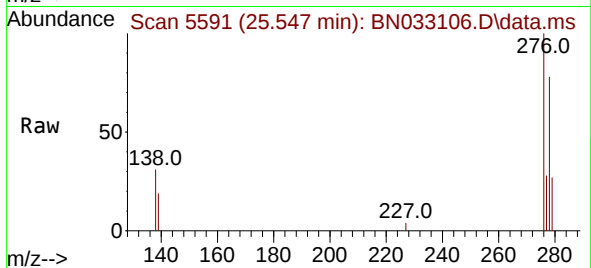
#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.547 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03

Instrument :

BNA_N

ClientSampleId :

SLCS283



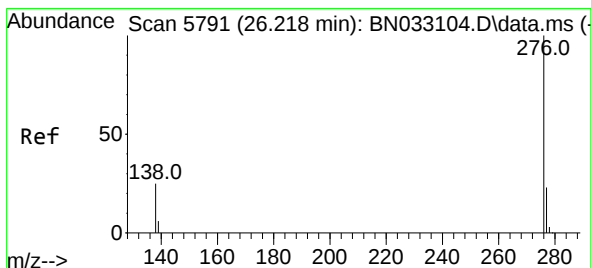
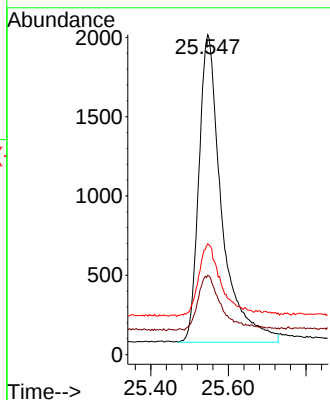
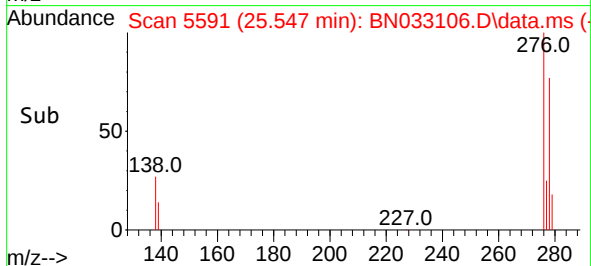
Tgt Ion:278 Resp: 7920
Ion Ratio Lower Upper
278 100
139 24.8 22.5 33.7
279 34.7 25.5 38.3

Manual Integrations

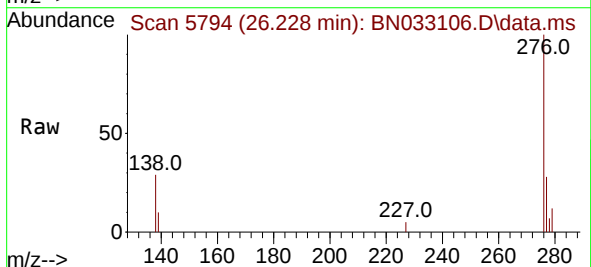
APPROVED

Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.345 ng/ul
RT: 26.228 min Scan# 5794
Delta R.T. 0.010 min
Lab File: BN033106.D
Acq: 30 Jul 2024 15:03



Tgt Ion:276 Resp: 8148
Ion Ratio Lower Upper
276 100
138 28.8 24.6 37.0
277 27.9 22.6 34.0

