

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033180.D
 Acq On : 01 Aug 2024 23:06
 Operator : MA/JU
 Sample : PB162411BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS411

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 01 23:34:47 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	7.566	152	2246m	0.400	ng/ul	0.02
4) Naphthalene-d8	10.317	136	6600	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.157	164	4289	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	9090	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	7381	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	7406	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2069	0.728	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	3359	0.312	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	8760	0.419	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.086	88	5922	1.828	ng/ul#	68
5) Naphthalene	10.366	128	5987	0.353	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	3405	0.297	ng/ul	95
8) 1-Methylnaphthalene	12.192	142	3687	0.297	ng/ul	99
10) Acenaphthylene	13.893	152	5665	0.323	ng/ul	98
11) Acenaphthene	14.222	153	4961	0.376	ng/ul	98
12) Fluorene	15.249	166	5180	0.337	ng/ul	99
14) Pentachlorophenol	16.641	266	760	0.411	ng/ul	99
15) Phenanthrene	16.983	178	7992	0.328	ng/ul	99
16) Anthracene	17.097	178	6439	0.294	ng/ul	99
19) Fluoranthene	19.005	202	10195	0.420	ng/ul	99
20) Pyrene	19.376	202	10828	0.415	ng/ul	99
21) Benzo(a)anthracene	21.142	228	7169	0.285	ng/ul	98
22) Chrysene	21.192	228	11422	0.389	ng/ul	100
24) Benzo(b)fluoranthene	22.688	252	7232	0.334	ng/ul	97
25) Benzo(k)fluoranthene	22.732	252	10133	0.391	ng/ul	98
26) Benzo(a)pyrene	23.264	252	7609	0.374	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.564	276	9622	0.311	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.560	278	7513	0.306	ng/ul	95
29) Benzo(g,h,i)perylene	26.238	276	7918	0.322	ng/ul	99

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

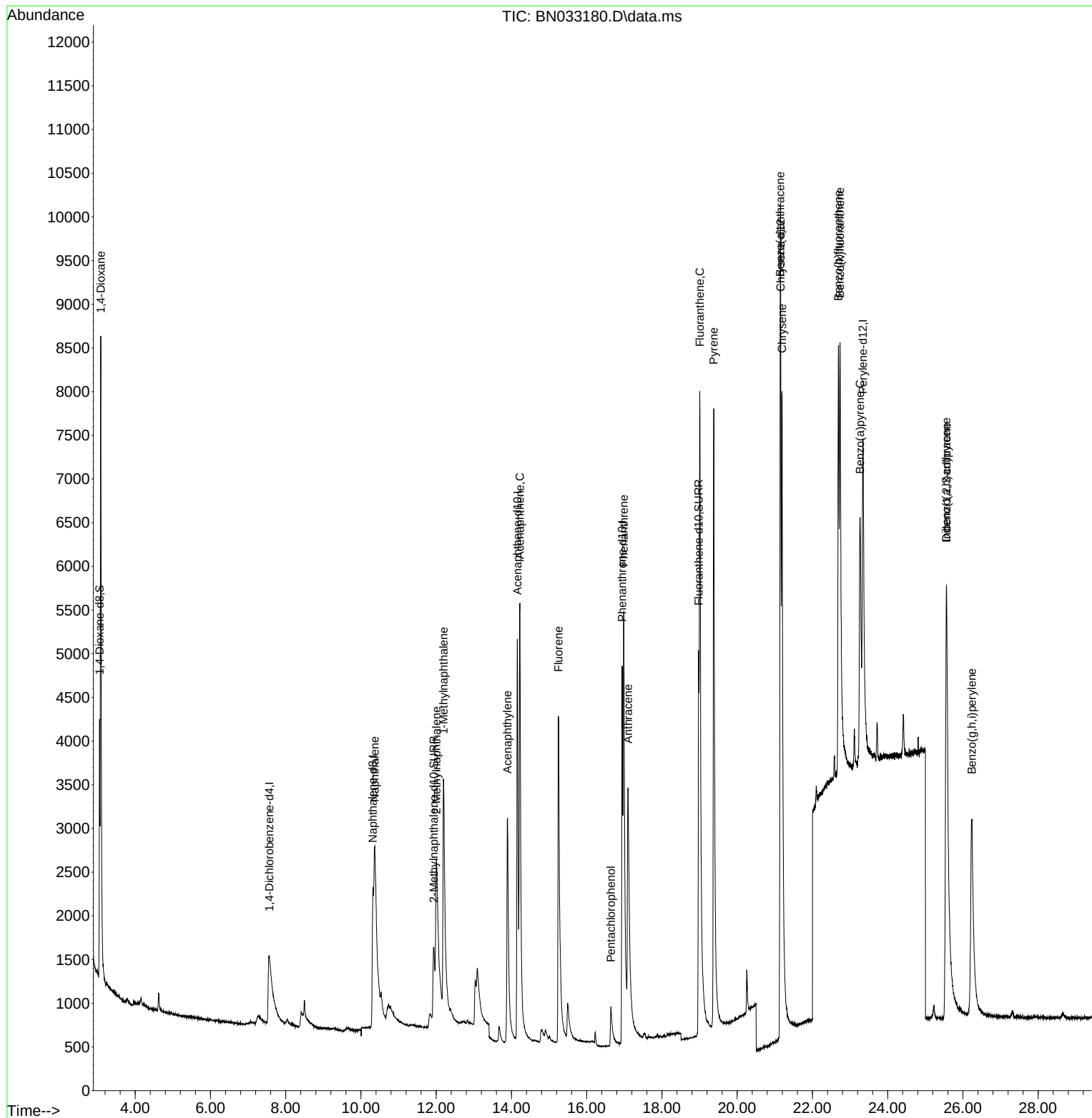
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033180.D
Acq On : 01 Aug 2024 23:06
Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

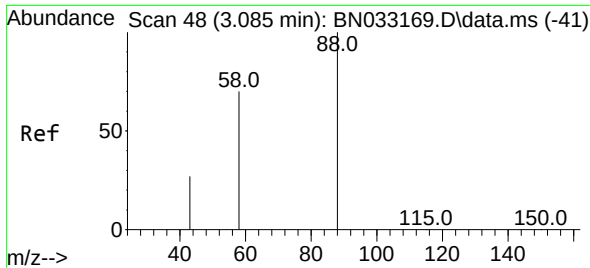
Instrument :
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SLCS411

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Supervised By :mohammad ahmed 08/03/2024

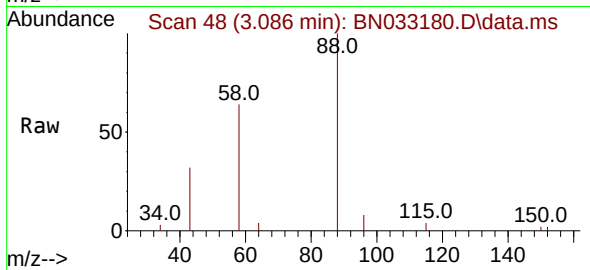
Quant Time: Aug 01 23:34:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.828 ng/ul
RT: 3.086 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

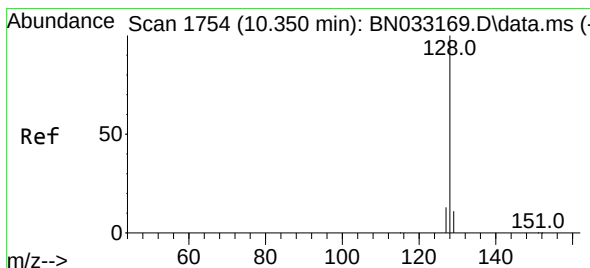
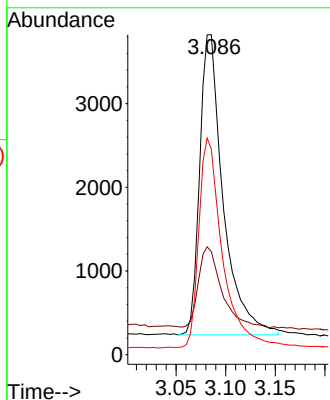
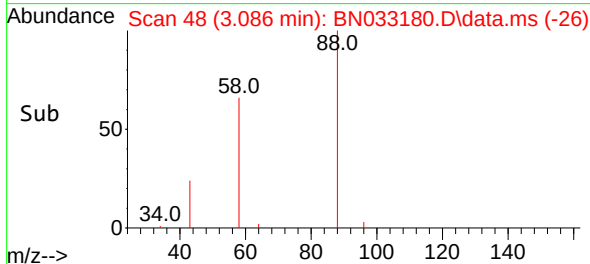
Instrument :
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ClientSampleId :
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Tgt Ion: 88 Resp: 592
Ion Ratio Lower Upper
88 100
43 32.2 63.4 95.2
58 64.2 49.4 74.0

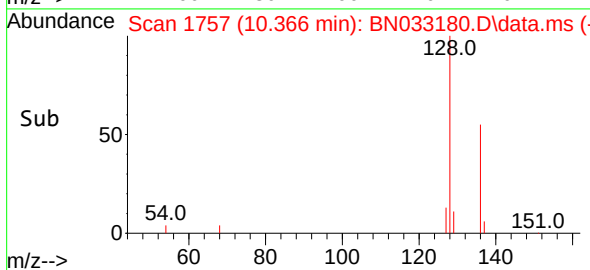
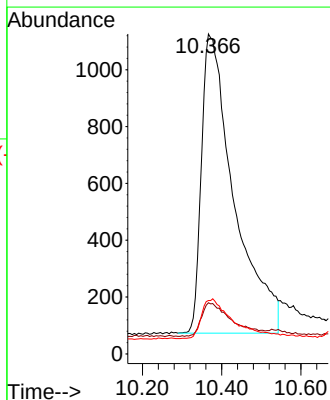
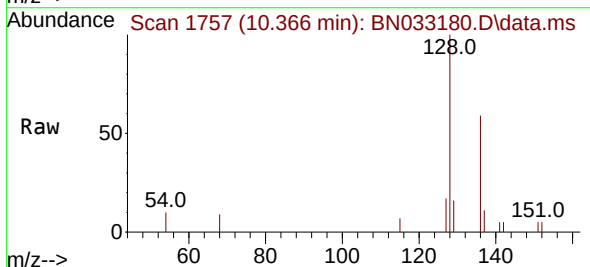
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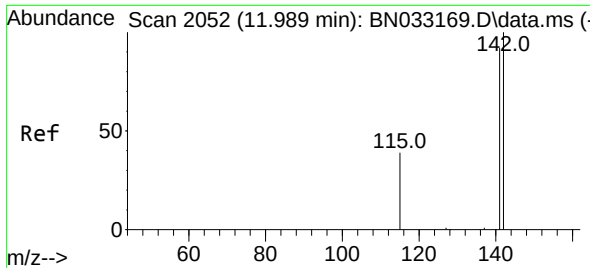
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

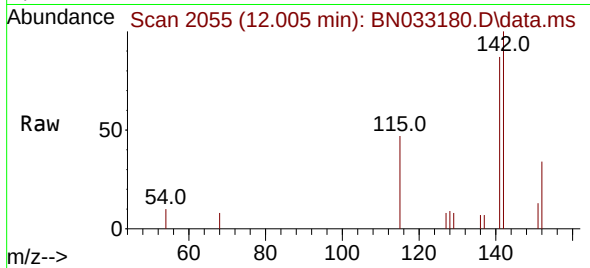
Tgt Ion:128 Resp: 5987
Ion Ratio Lower Upper
128 100
129 16.0 12.0 18.0
127 16.7 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

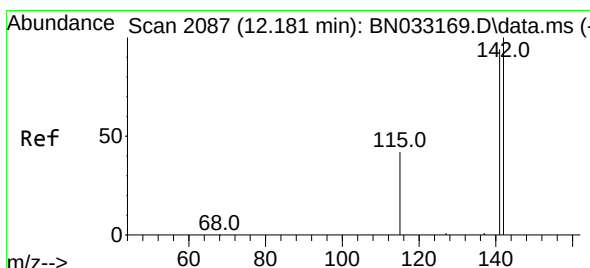
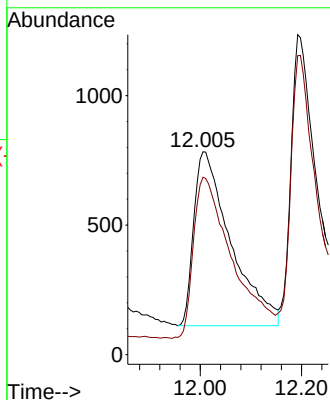
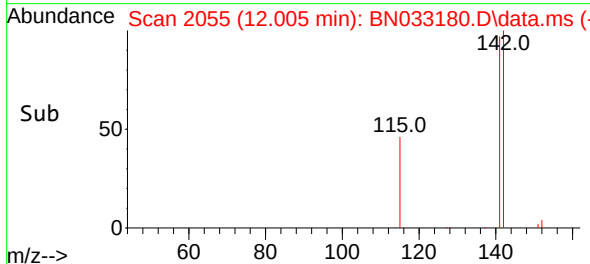
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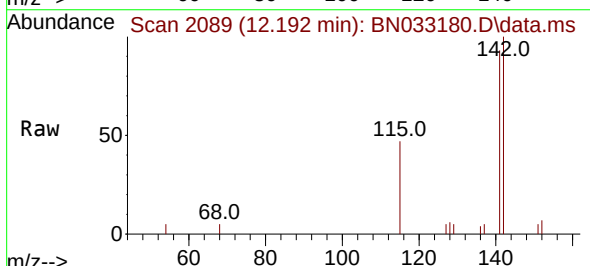
Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
141 98.6 75.2 112.8

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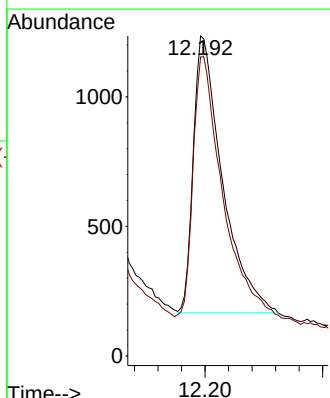
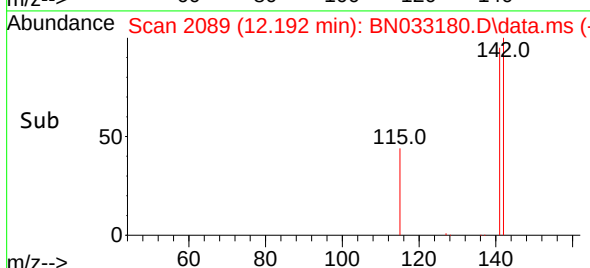
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

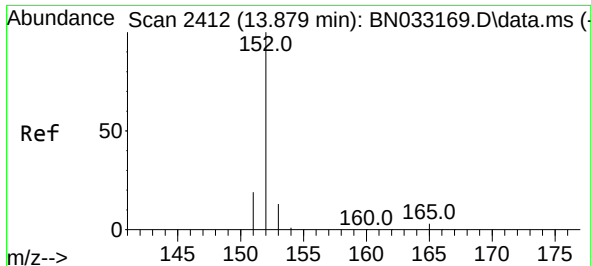


#8
1-Methylnaphthalene
Concen: 0.297 ng/ul
RT: 12.192 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06



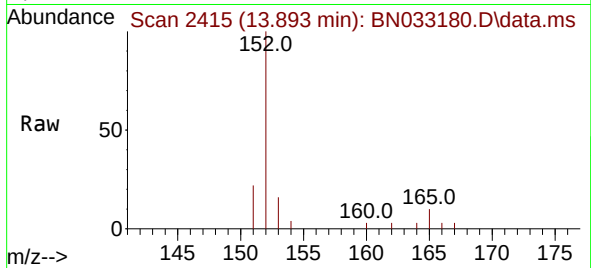
Tgt Ion:142 Resp: 3687
Ion Ratio Lower Upper
142 100
141 94.0 74.3 111.5





#10
Acenaphthylene
Concen: 0.323 ng/u1
RT: 13.893 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

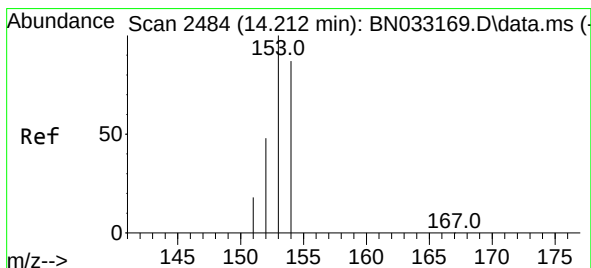
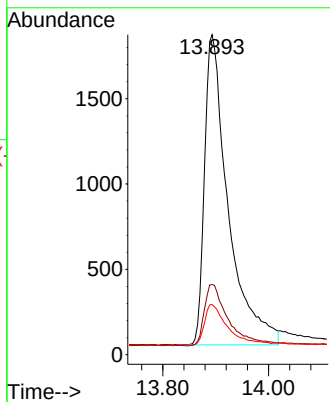
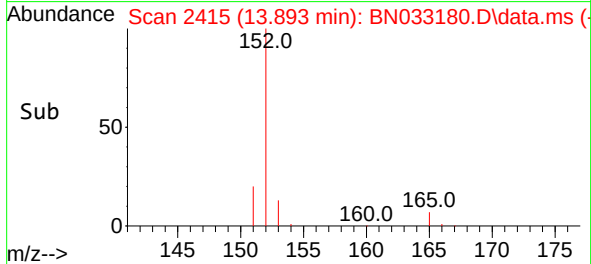
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 566
Ion Ratio Lower Upper
152 100
151 21.9 16.8 25.2
153 15.7 11.9 17.9

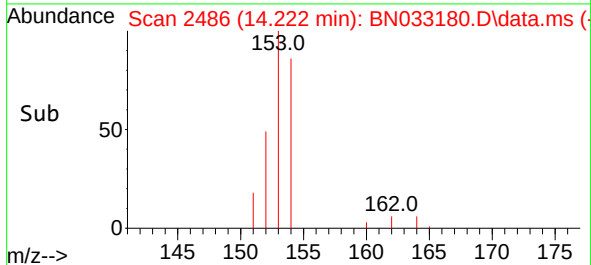
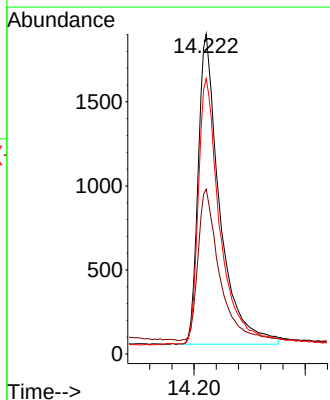
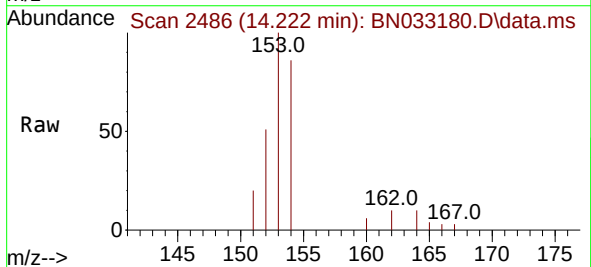
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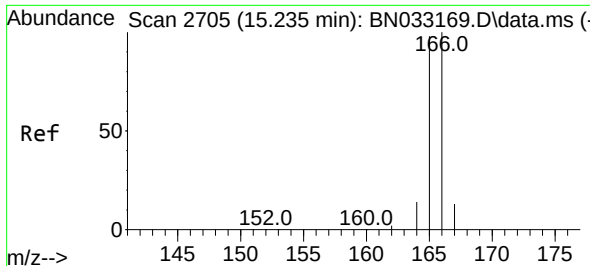
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 0.376 ng/u1
RT: 14.222 min Scan# 2486
Delta R.T. -0.004 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

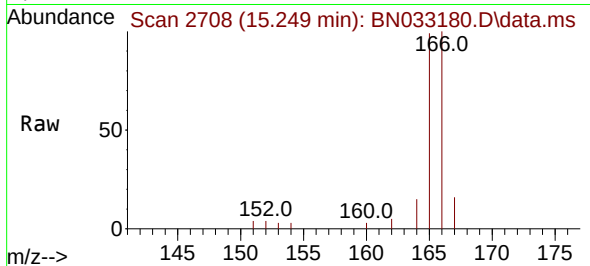
Tgt Ion:153 Resp: 4961
Ion Ratio Lower Upper
153 100
152 51.5 40.0 60.0
154 86.0 70.1 105.1





#12
Fluorene
Concen: 0.337 ng/ul
RT: 15.249 min Scan# 2708
Delta R.T. 0.000 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

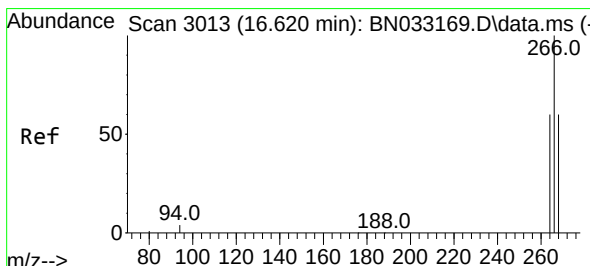
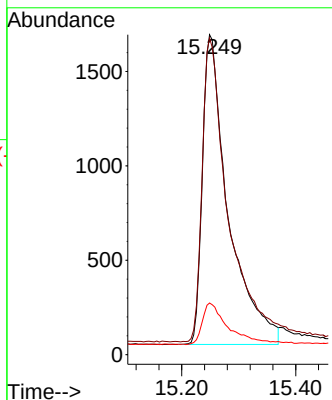
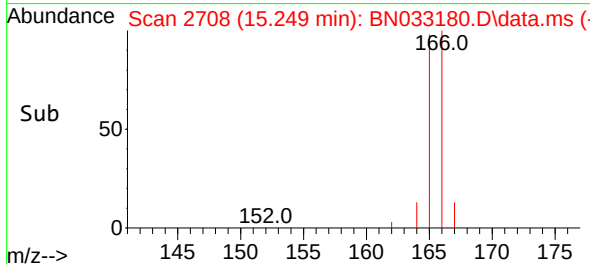
Instrument :
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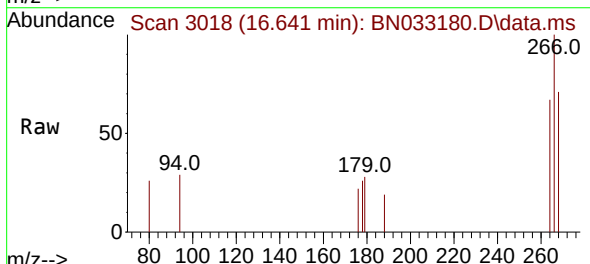
Tgt Ion:166 Resp: 5180
Ion Ratio Lower Upper
166 100
165 98.9 79.6 119.4
167 16.2 12.2 18.4

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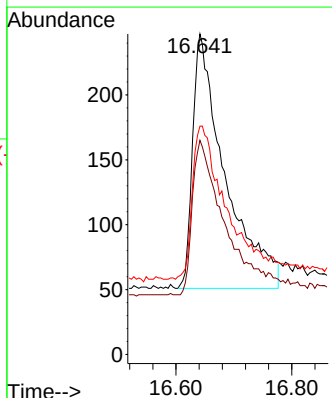
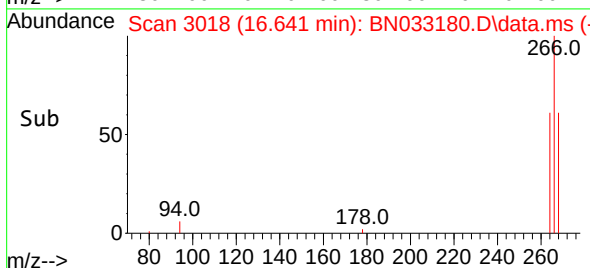
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

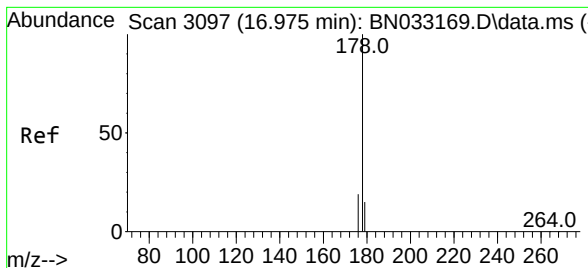


#14
Pentachlorophenol
Concen: 0.411 ng/ul
RT: 16.641 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06



Tgt Ion:266 Resp: 760
Ion Ratio Lower Upper
266 100
264 62.0 49.3 73.9
268 64.2 51.8 77.8





#15

Phenanthrene

Concen: 0.328 ng/u1

RT: 16.983 min Scan# 3099

Delta R.T. 0.000 min

Lab File: BN033180.D

Acq: 01 Aug 2024 23:06

Instrument :

BNA_N

ClientSampleId :

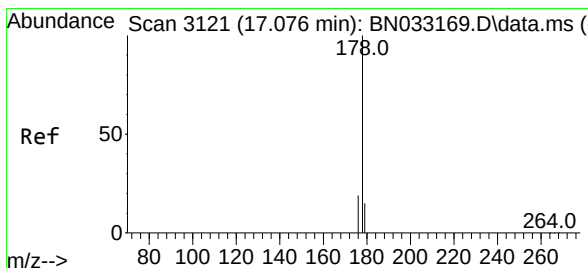
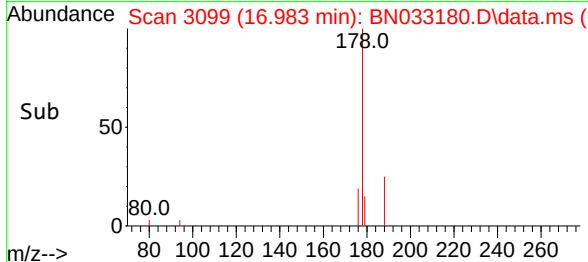
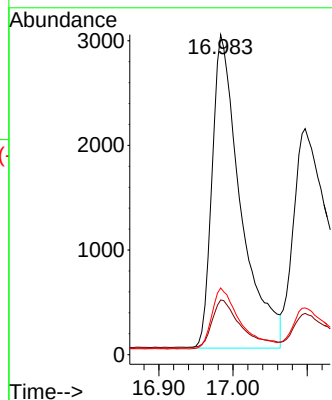
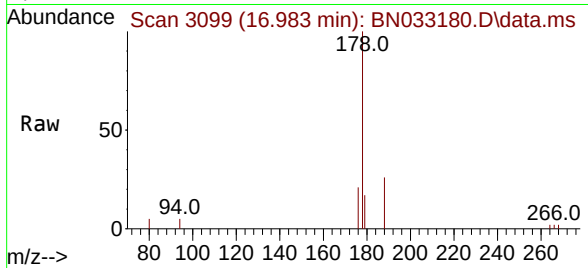
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Tgt Ion:178	Resp:	7992
Ion Ratio	Lower	Upper
178	100	
179	17.1	13.7 20.5
176	20.9	15.9 23.9

Manual Integrations

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#16

Anthracene

Concen: 0.294 ng/u1

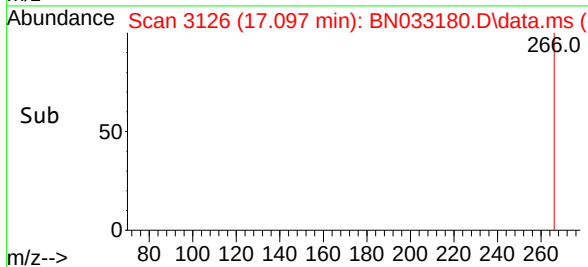
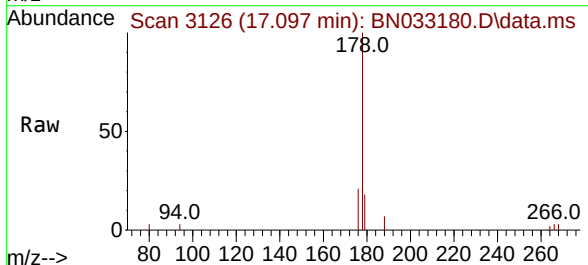
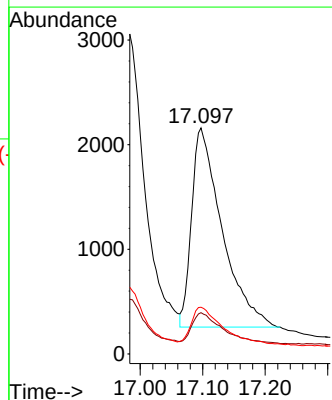
RT: 17.097 min Scan# 3126

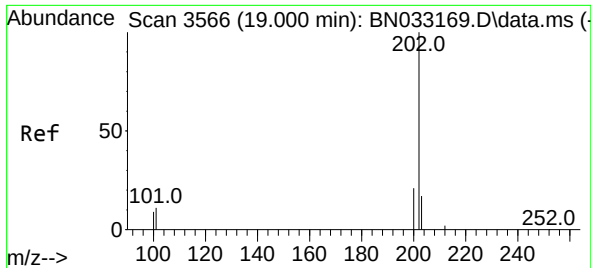
Delta R.T. 0.009 min

Lab File: BN033180.D

Acq: 01 Aug 2024 23:06

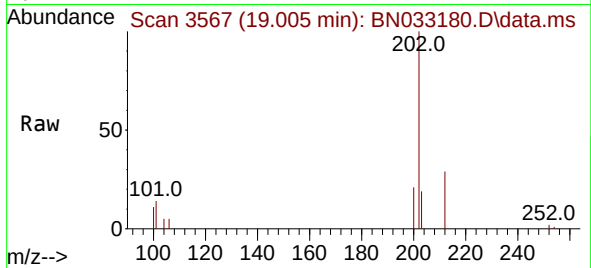
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Ion Ratio	Lower	Upper
178	100	
179	18.3	14.3 21.5
176	20.7	15.8 23.8





#19
Fluoranthene
Concen: 0.420 ng/u1
RT: 19.005 min Scan# 3567
Delta R.T. 0.000 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

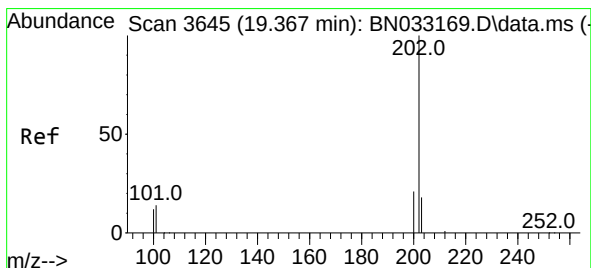
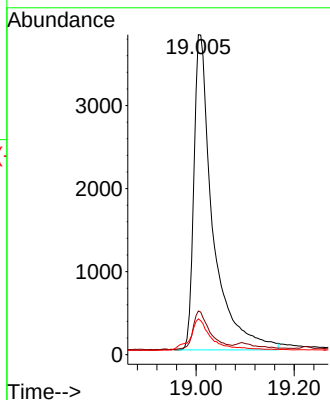
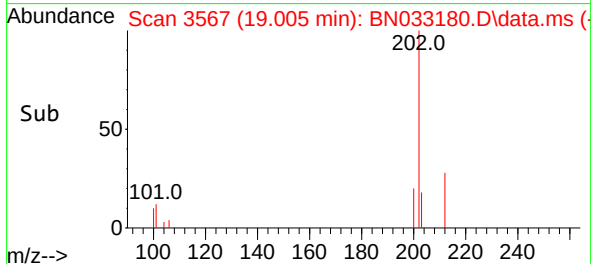
Instrument :
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SLCS411



Tgt Ion:202 Resp: 1019
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 11.2 8.3 12.5

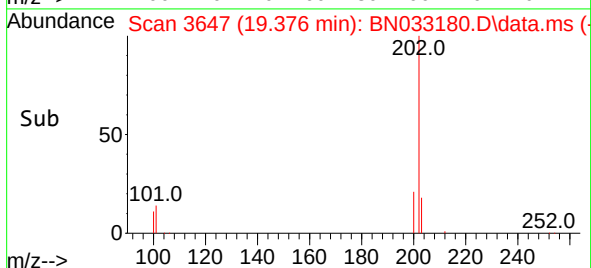
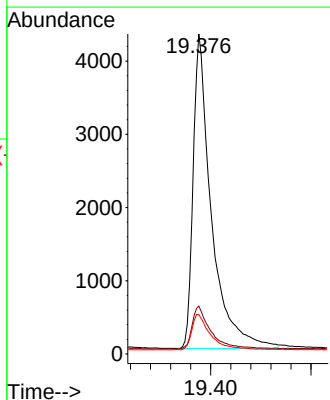
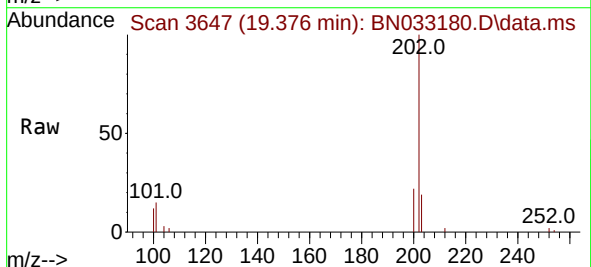
Manual Integrations
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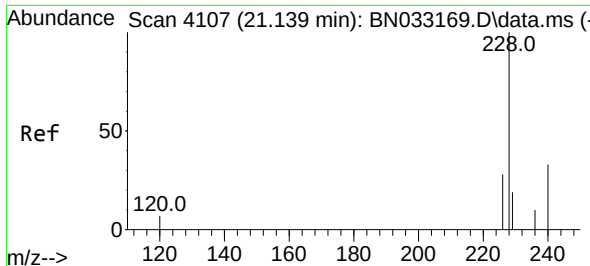
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 0.415 ng/u1
RT: 19.376 min Scan# 3647
Delta R.T. 0.005 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

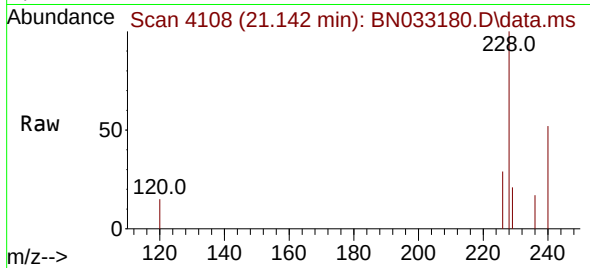
Tgt Ion:202 Resp: 10828
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.3 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.285 ng/u1
RT: 21.142 min Scan# 4108
Delta R.T. 0.006 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

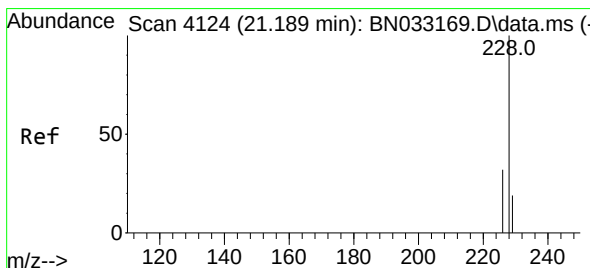
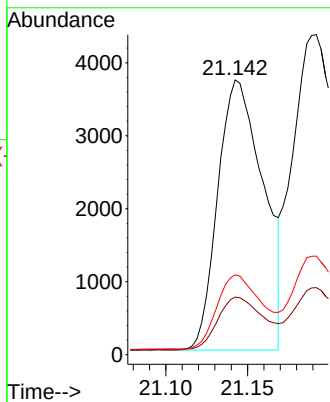
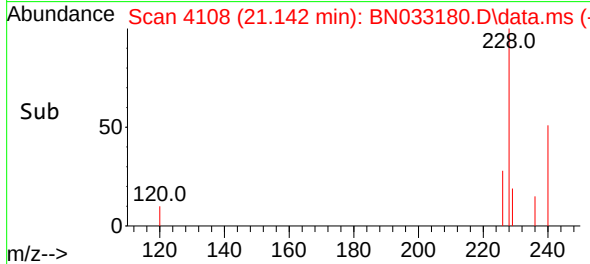
Instrument :
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Tgt Ion:228 Resp: 7169
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 29.0 22.4 33.6

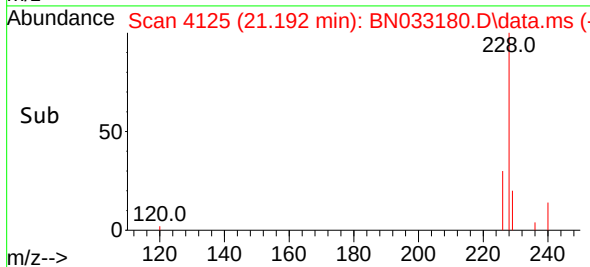
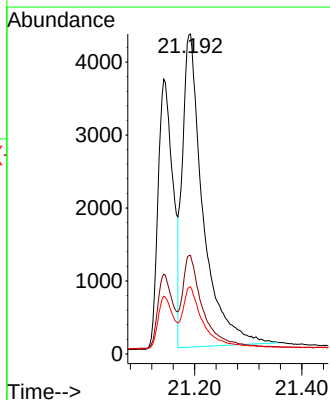
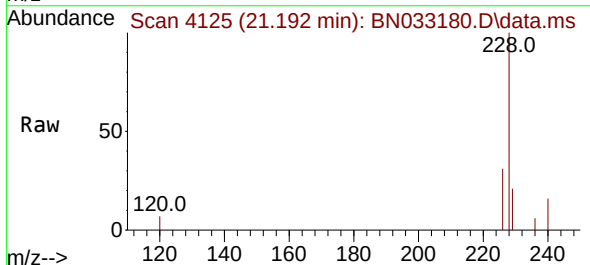
Manual Integrations
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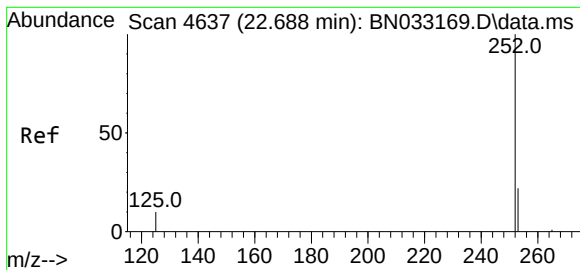
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 0.389 ng/u1
RT: 21.192 min Scan# 4125
Delta R.T. 0.003 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

Tgt Ion:228 Resp: 11422
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 21.0 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.334 ng/ul

RT: 22.688 min Scan# 4637

Delta R.T. 0.006 min

Lab File: BN033180.D

Acq: 01 Aug 2024 23:06

Instrument :

BNA_N

ClientSampleId :

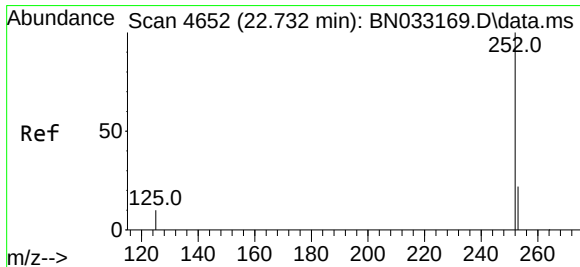
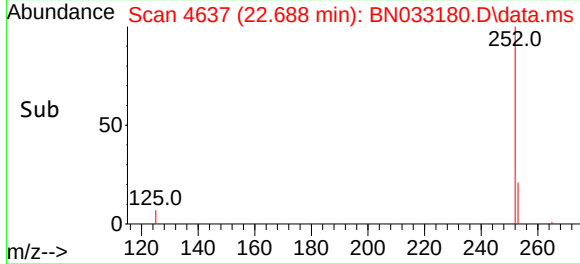
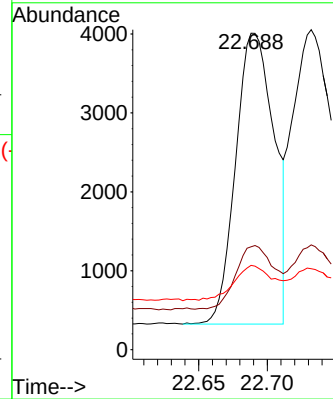
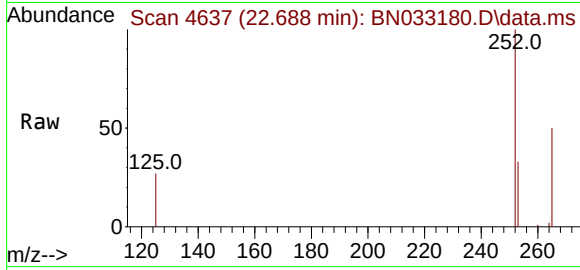
SLCS411

Tgt Ion:	252	Resp:	723
Ion Ratio	Lower	Upper	
252	100		
253	32.5	0.0	60.6
125	26.6	0.0	51.0

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Supervised By :mohammad ahmed 08/03/2024



#25

Benzo(k)fluoranthene

Concen: 0.391 ng/ul

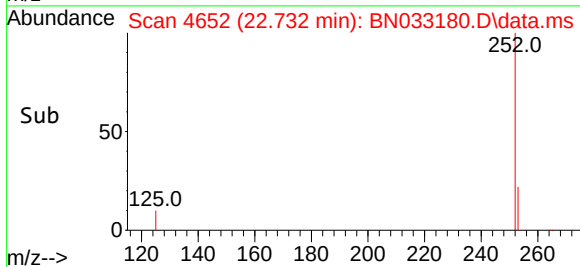
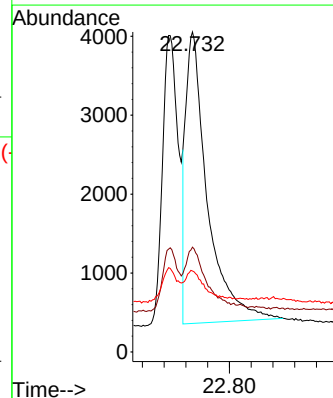
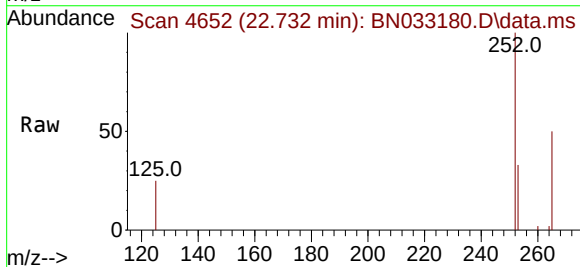
RT: 22.732 min Scan# 4652

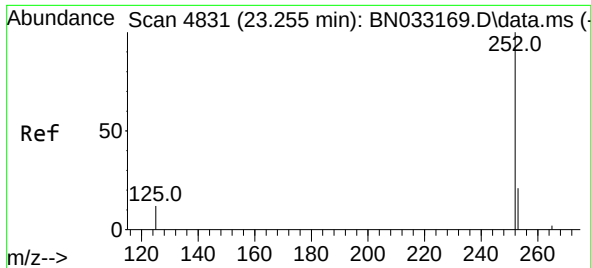
Delta R.T. 0.006 min

Lab File: BN033180.D

Acq: 01 Aug 2024 23:06

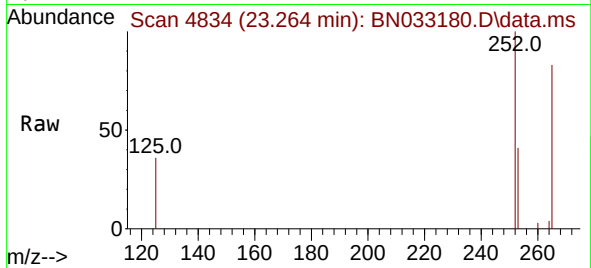
Tgt Ion:	252	Resp:	10133
Ion Ratio	Lower	Upper	
252	100		
253	32.7	24.9	37.3
125	25.3	20.9	31.3





#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.264 min Scan# 4834
Delta R.T. 0.015 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

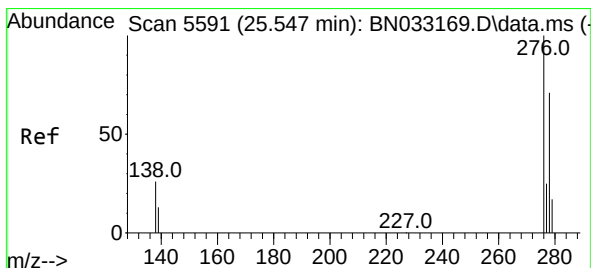
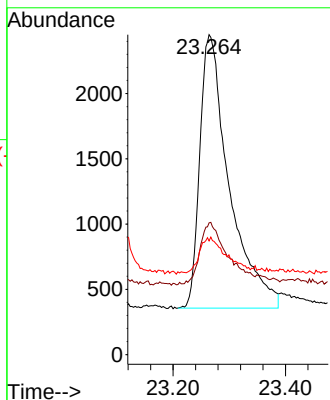
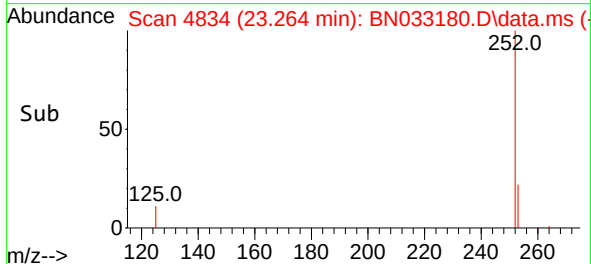
Instrument :
BNA_N
ClientSampleId :
SLCS411



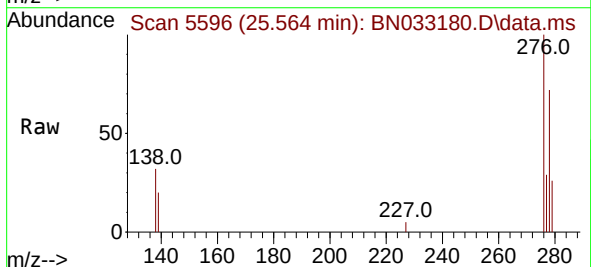
Tgt Ion:252 Resp: 7609
Ion Ratio Lower Upper
252 100
253 41.2 27.5 41.3
125 35.5 27.0 40.6

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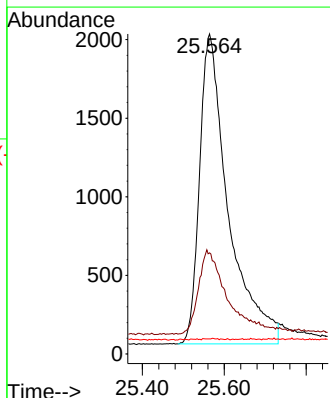
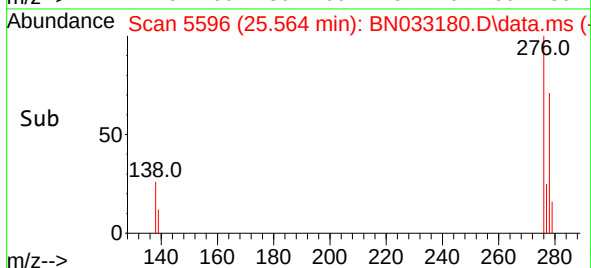
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

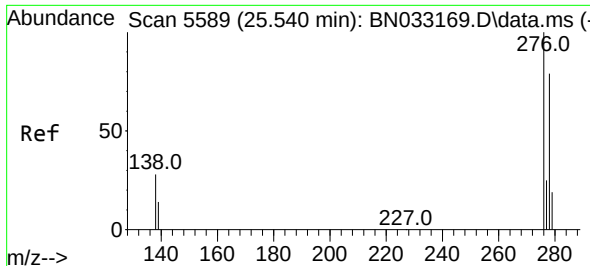


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 25.564 min Scan# 5596
Delta R.T. 0.024 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06



Tgt Ion:276 Resp: 9622
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
227 0.1 0.2 0.2#





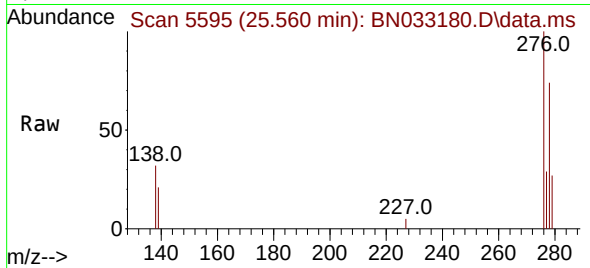
#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 25.560 min Scan# 5589
Delta R.T. 0.020 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06

Instrument :

BNA_N

ClientSampleId :

SLCS411

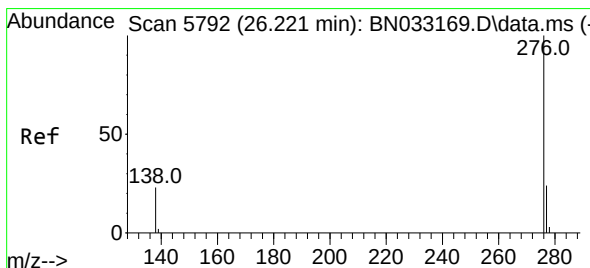
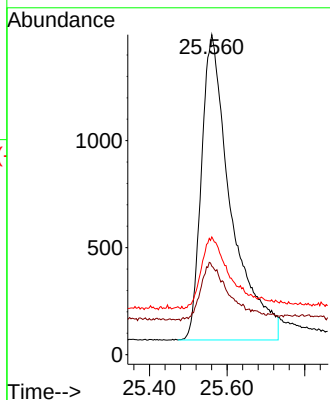
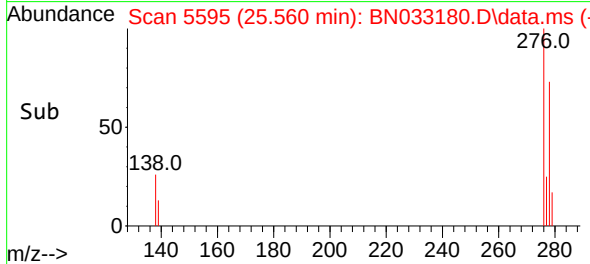


Tgt Ion:278 Resp: 751
Ion Ratio Lower Upper
278 100
139 27.6 22.5 33.7
279 36.8 25.5 38.3

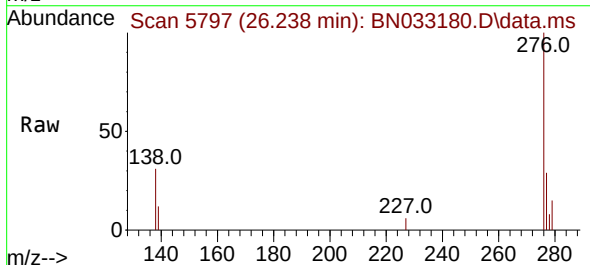
Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 26.238 min Scan# 5797
Delta R.T. 0.020 min
Lab File: BN033180.D
Acq: 01 Aug 2024 23:06



Tgt Ion:276 Resp: 7918
Ion Ratio Lower Upper
276 100
138 30.6 24.6 37.0
277 28.9 22.6 34.0

