

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025982.D
 Acq On : 23 Jun 2023 23:53
 Operator : MA/JU
 Sample : 03085-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:02:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	23773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	14659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	31688	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	19963	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16815	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	12718	1.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	4310	0.118	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	10103	0.133	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	1407	0.021	ng/ul#	79
10) Acenaphthylene	14.340	152	5426	0.079	ng/ul#	95
15) Phenanthrene	17.403	178	11464	0.110	ng/ul	97
16) Anthracene	17.495	178	3568	0.038	ng/ul#	86
19) Fluoranthene	19.420	202	68418	0.642	ng/ul	98
20) Pyrene	19.778	202	68499m	0.618	ng/ul	
21) Benzo(a)anthracene	21.530	228	25580	0.311	ng/ul	95
22) Chrysene	21.582	228	29045	0.339	ng/ul#	93
24) Benzo(b)fluoranthene	23.257	252	39237m	0.547	ng/ul	
25) Benzo(k)fluoranthene	23.304	252	12109m	0.168	ng/ul	
26) Benzo(a)pyrene	23.909	252	23329	0.374	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.599	276	18178	0.267	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.612	278	4252	0.083	ng/ul#	48
29) Benzo(g,h,i)perylene	27.397	276	18481	0.305	ng/ul	94

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

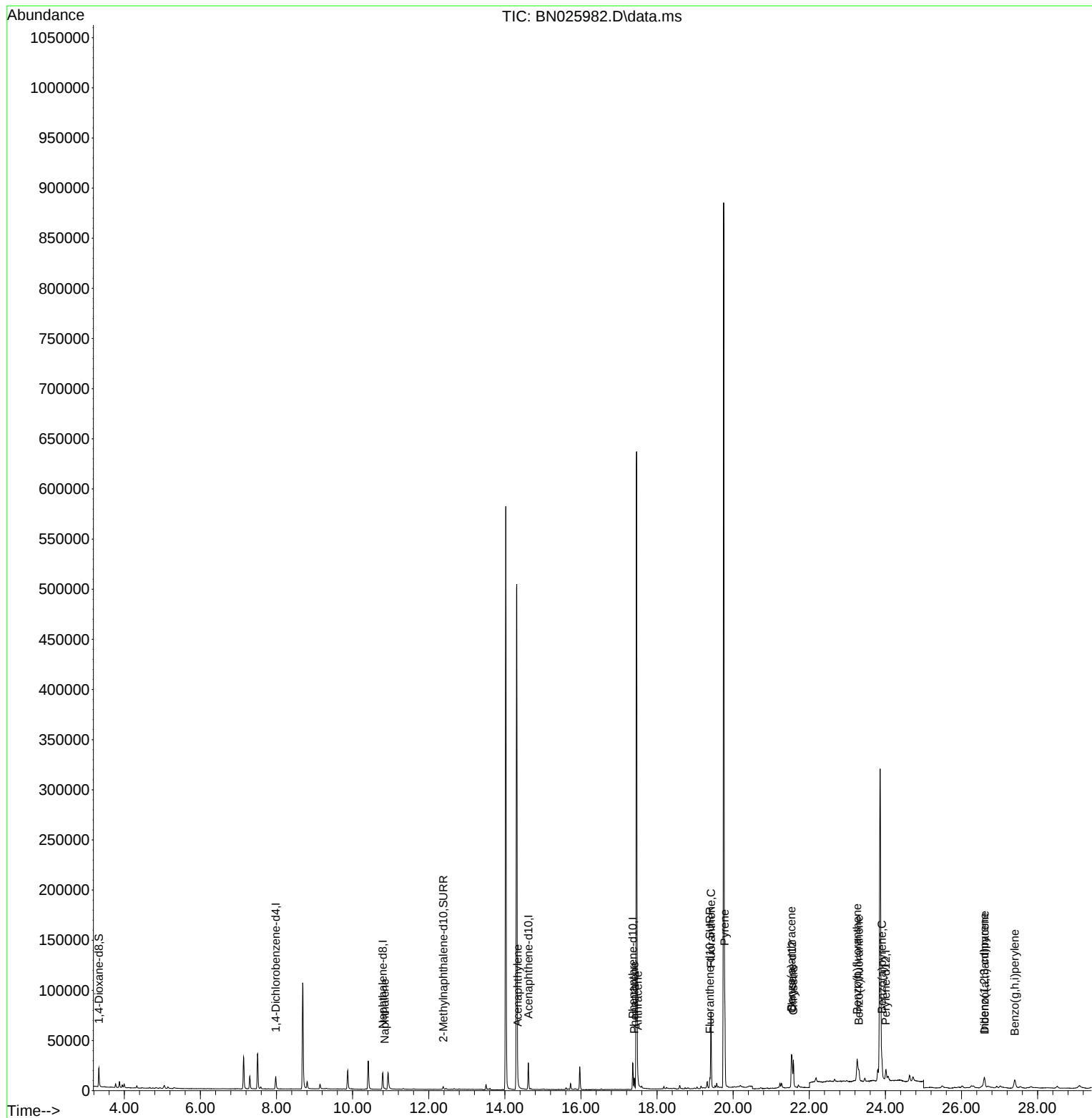
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025982.D
Acq On : 23 Jun 2023 23:53
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Sample : 03085-05
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ALS Vial : 10 Sample Multiplier: 1

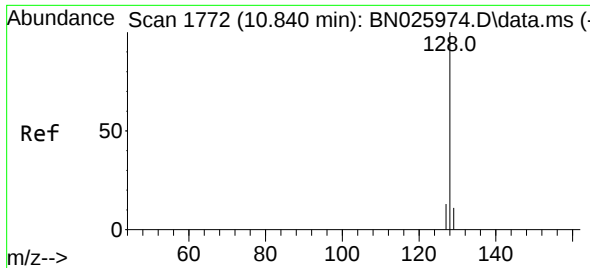
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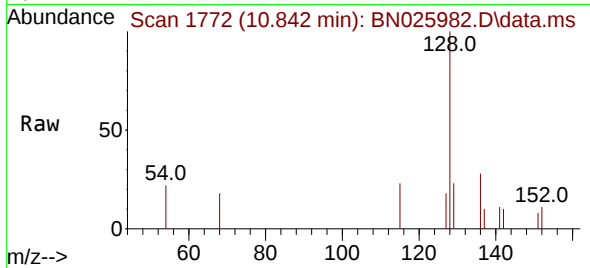
Quant Time: Jun 24 01:02:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
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#5
Naphthalene
Concen: 0.021 ng/u1
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

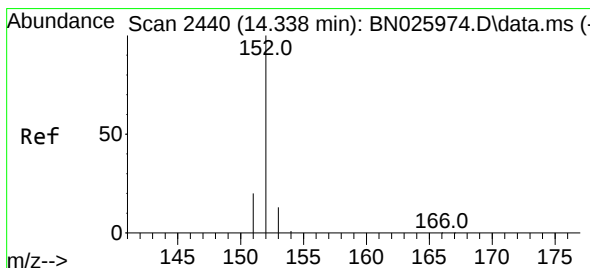
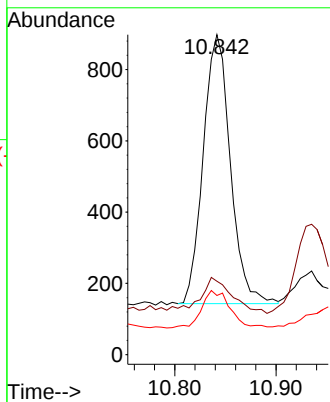
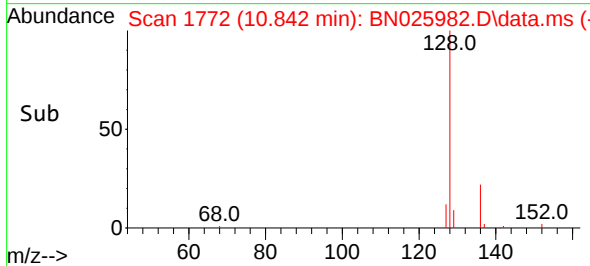
Instrument :
BNA_N
ClientSampleId :
DCFP1



Tgt Ion:128 Resp: 140
Ion Ratio Lower Upper
128 100
129 22.9 9.1 13.7
127 18.5 10.7 16.1

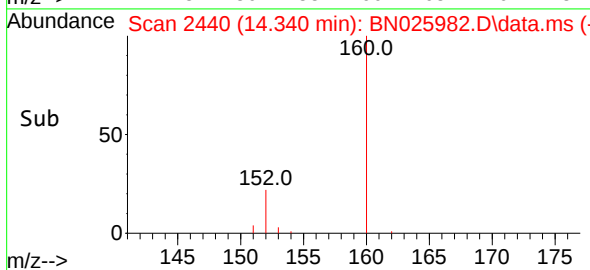
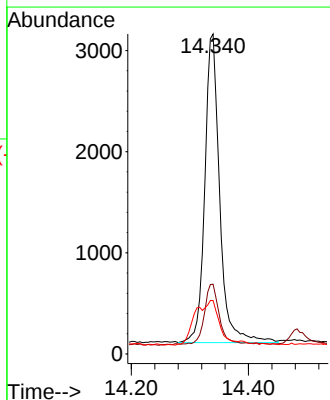
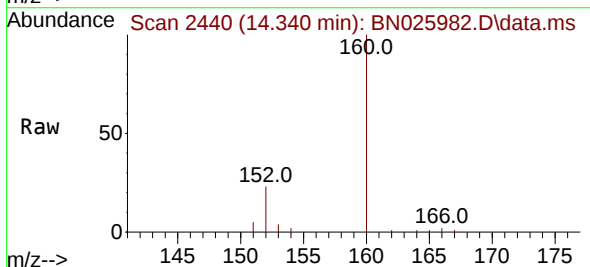
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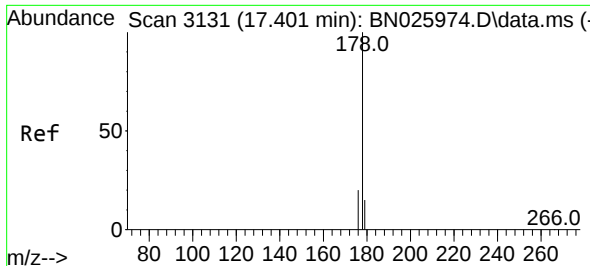
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.079 ng/u1
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

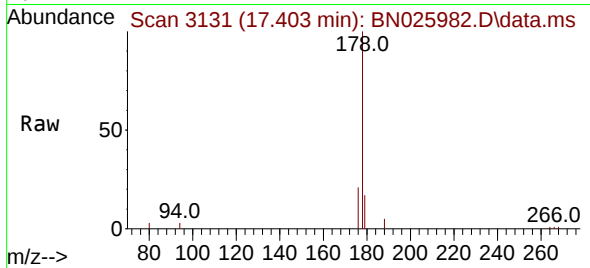
Tgt Ion:152 Resp: 5426
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.4
153 16.7 10.9 16.3





#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

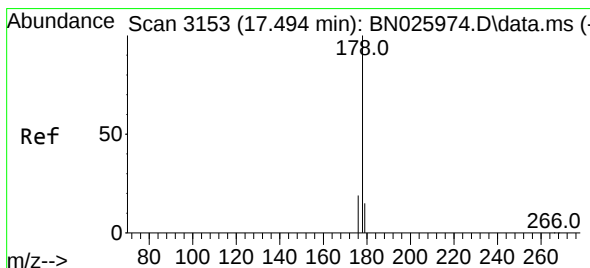
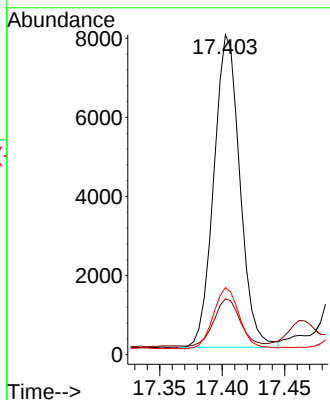
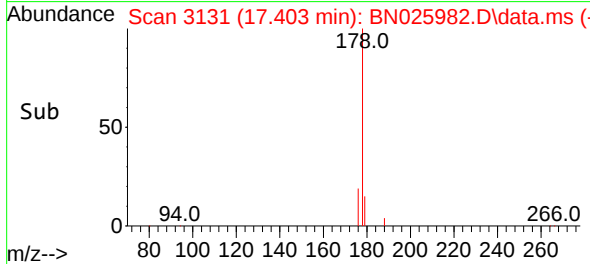
Instrument :
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DCFP1



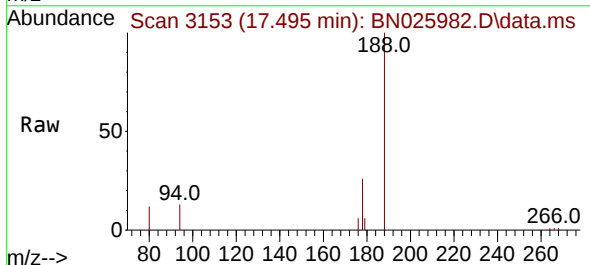
Tgt Ion:178 Resp: 11464
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 20.9 15.8 23.6

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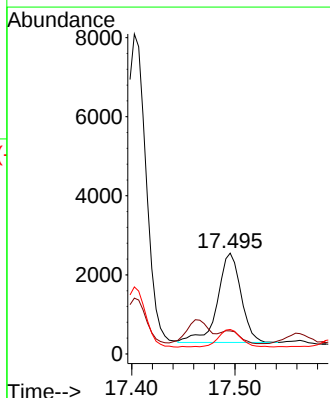
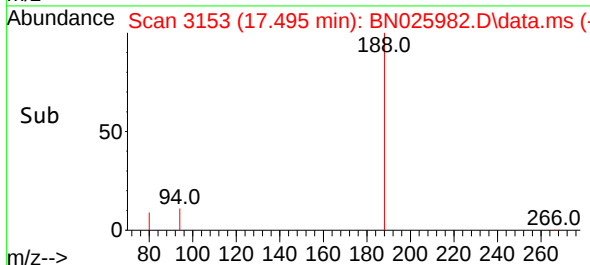
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

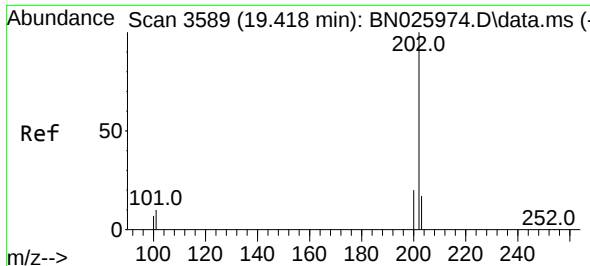


#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53



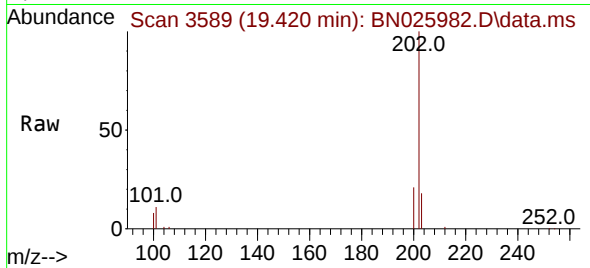
Tgt Ion:178 Resp: 3568
Ion Ratio Lower Upper
178 100
179 22.9 12.6 18.8#
176 24.2 15.1 22.7#





#19
Fluoranthene
Concen: 0.642 ng/ul
RT: 19.420 min Scan# 3589
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

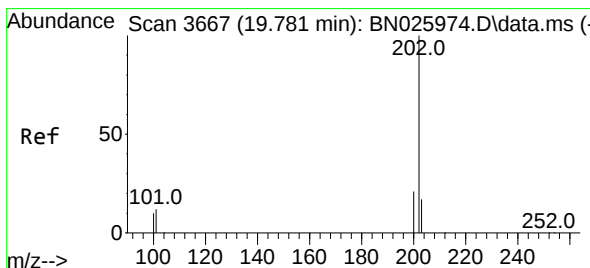
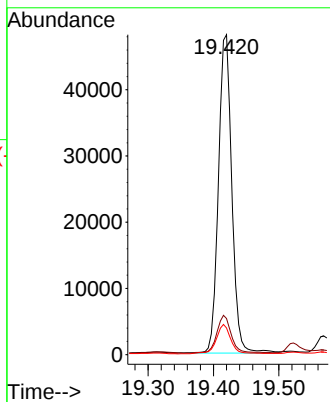
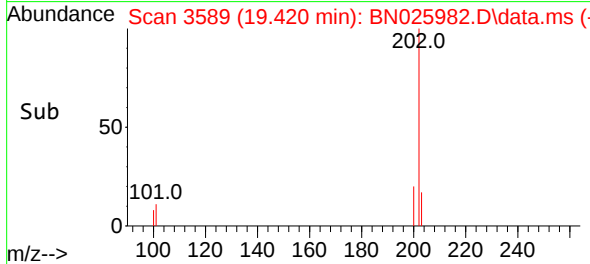
Instrument :
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ClientSampleId :
DCFP1



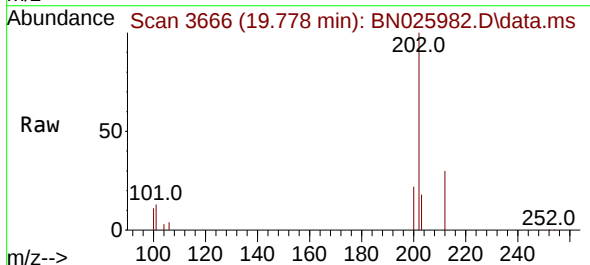
Tgt Ion:202 Resp: 68418
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.4 7.3 10.9

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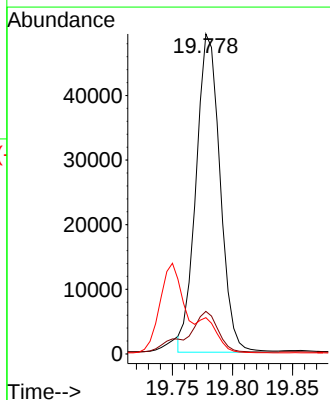
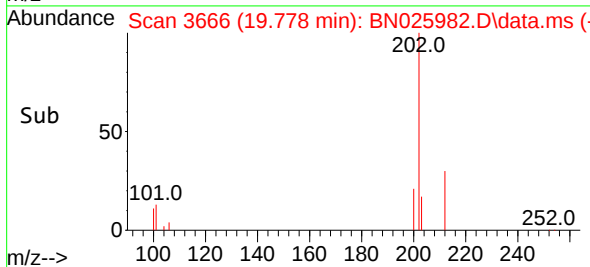
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

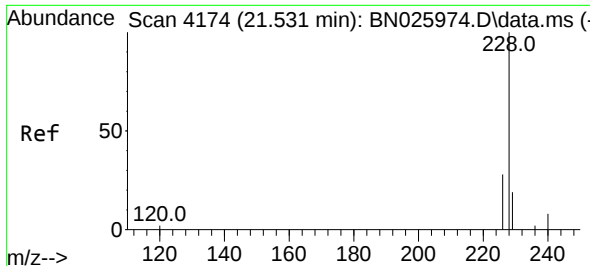


#20
Pyrene
Concen: 0.618 ng/ul m
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53



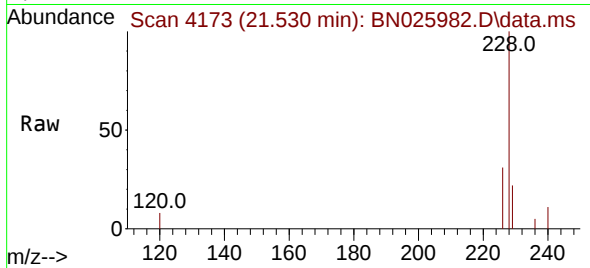
Tgt Ion:202 Resp: 68499
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 11.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.311 ng/u1
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

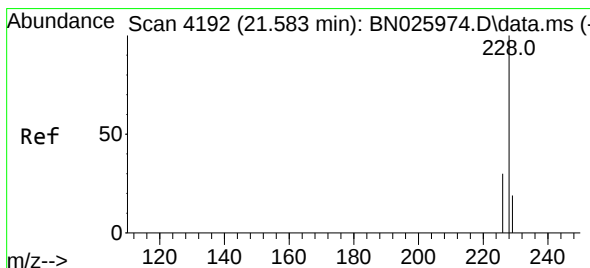
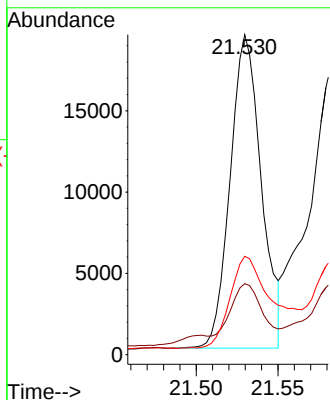
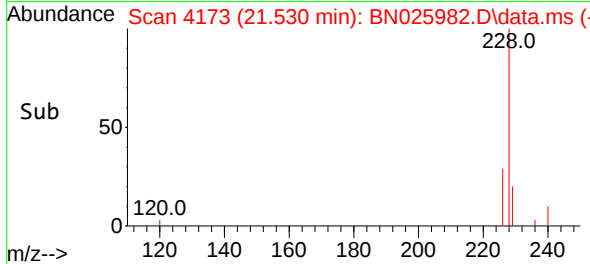
Instrument :
BNA_N
ClientSampleId :
DCFP1



Tgt Ion:228 Resp: 25580
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 30.8 22.5 33.7

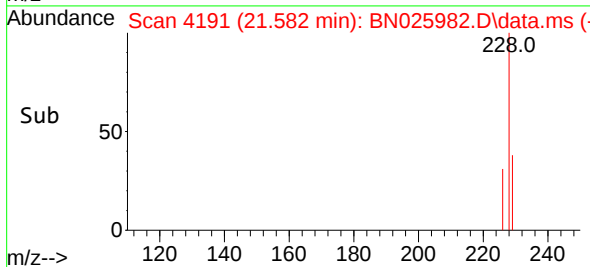
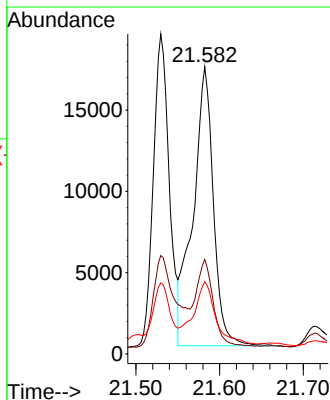
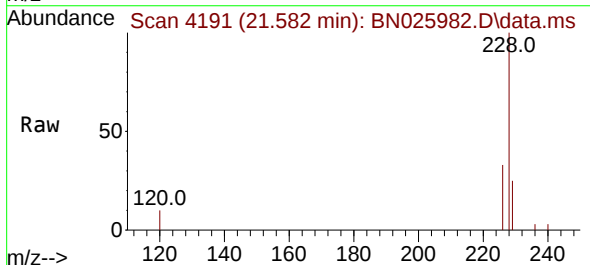
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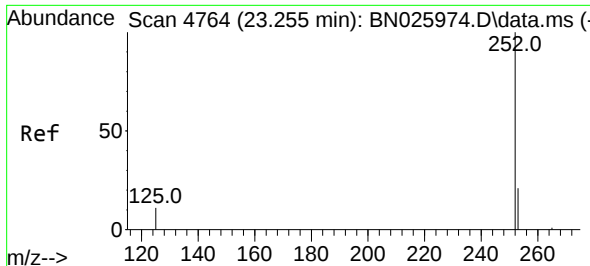
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.339 ng/u1
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

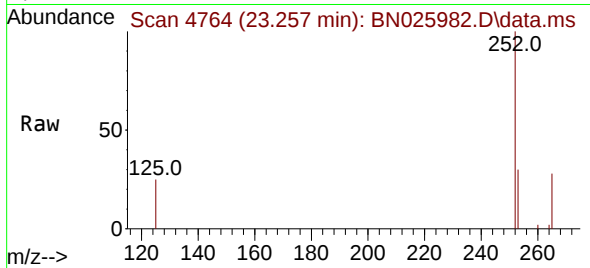
Tgt Ion:228 Resp: 29045
Ion Ratio Lower Upper
228 100
226 32.9 24.8 37.2
229 25.2 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.547 ng/ul m
RT: 23.257 min Scan# 4764
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

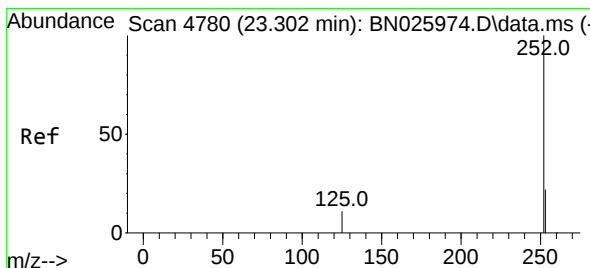
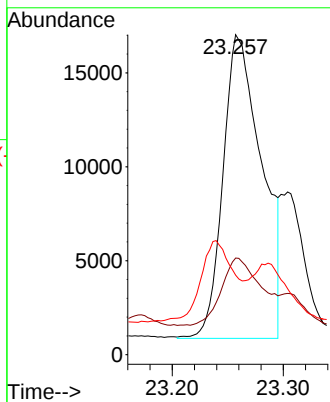
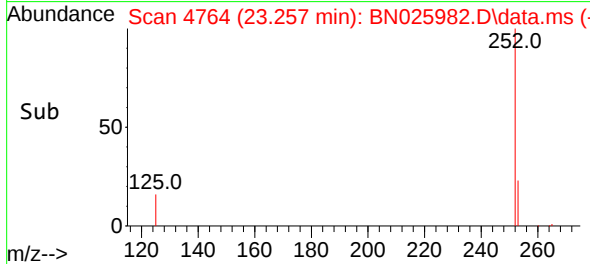
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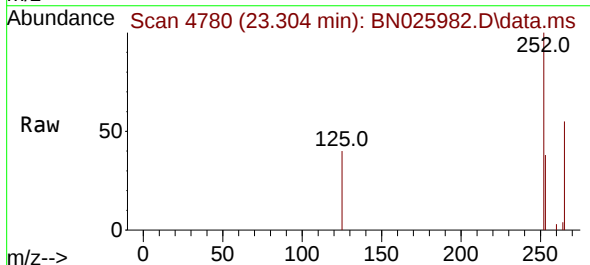
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Ion Ratio Lower Upper
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253 30.2 0.0 55.6
125 24.9 0.0 35.8

Manual Integrations
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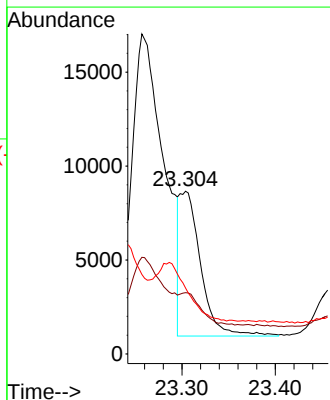
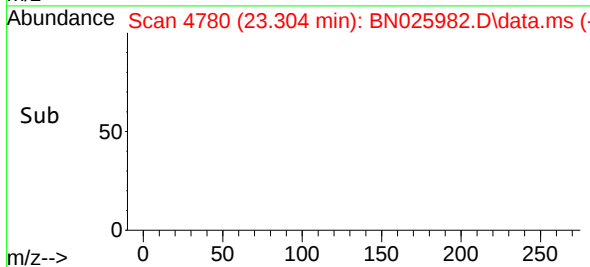
Reviewed By :Yogesh Patel 06/24/2023
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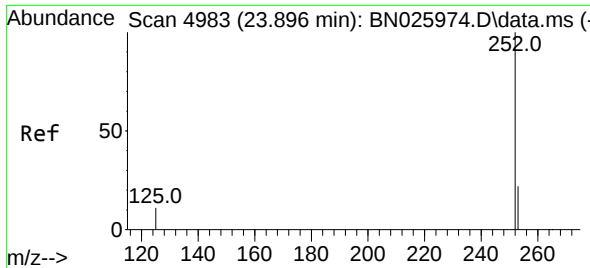


#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.304 min Scan# 4780
Delta R.T. -0.005 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53



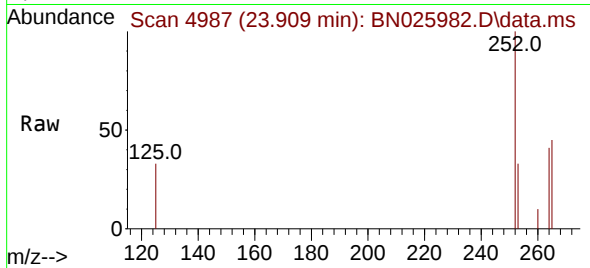
Tgt Ion:252 Resp: 12109
Ion Ratio Lower Upper
252 100
253 37.7 23.2 34.8#
125 40.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.374 ng/u1
RT: 23.909 min Scan# 4983
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

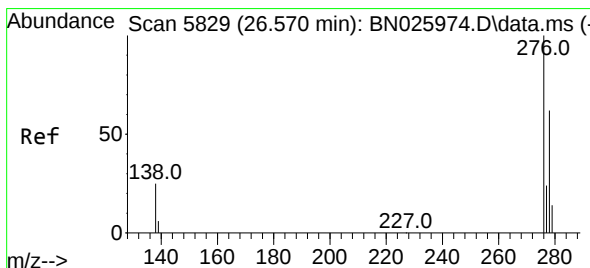
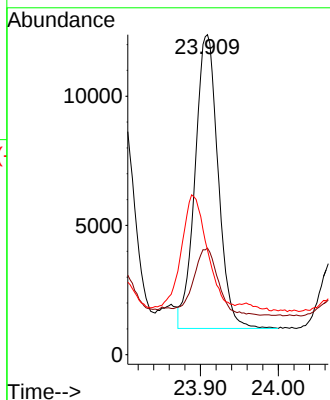
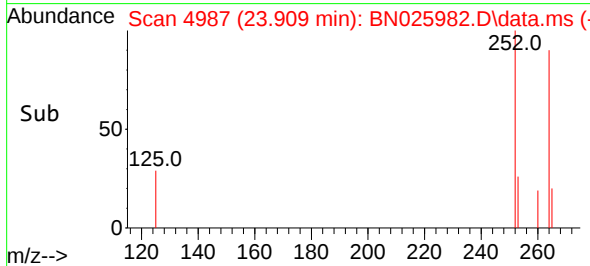
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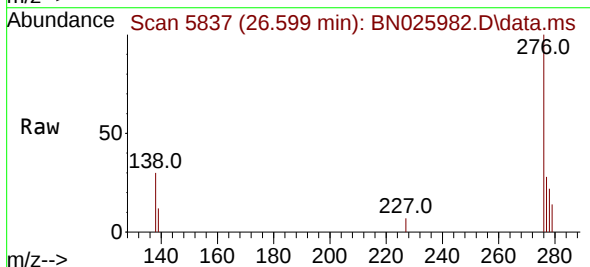
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253 33.3 26.0 39.0
125 32.7 17.3 25.9

Manual Integrations
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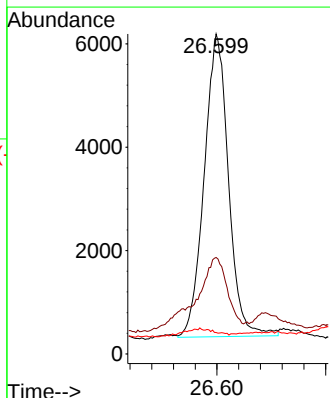
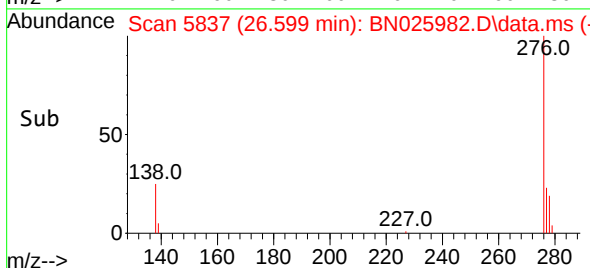
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

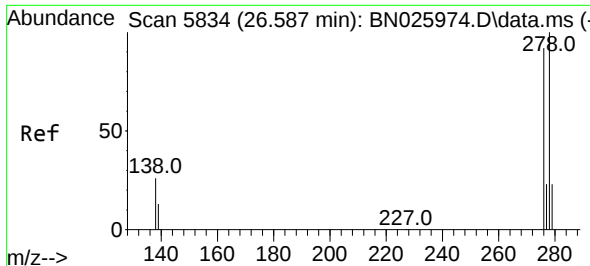


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/u1
RT: 26.599 min Scan# 5837
Delta R.T. 0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53



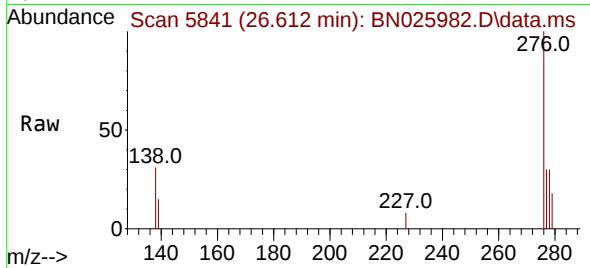
Tgt Ion:276 Resp: 18178
Ion Ratio Lower Upper
276 100
138 33.2 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. -0.009 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

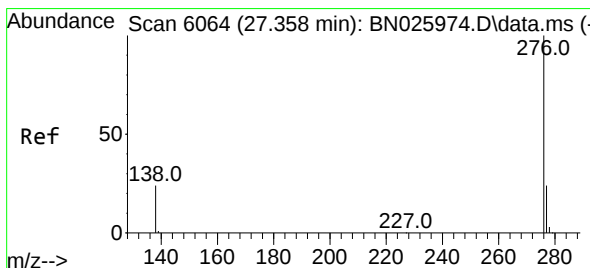
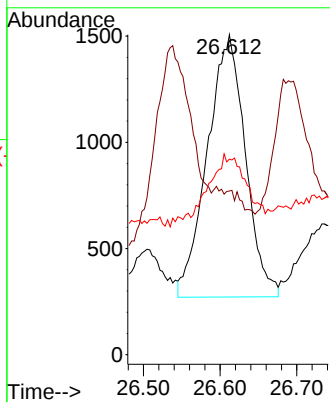
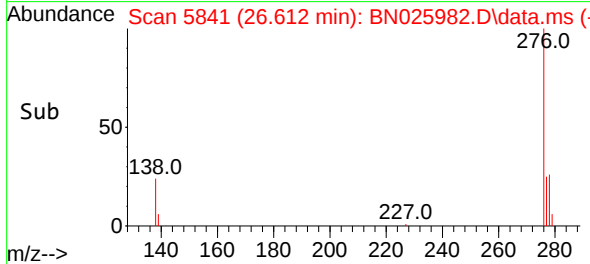
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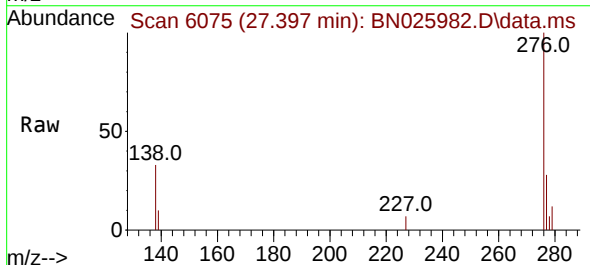
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Ion Ratio Lower Upper
278 100
139 51.2 19.0 28.4
279 61.1 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.397 min Scan# 6075
Delta R.T. 0.011 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53



Tgt Ion:276 Resp: 18481
Ion Ratio Lower Upper
276 100
138 32.5 23.4 35.0
277 28.1 20.0 30.0

