

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026015.D
 Acq On : 24 Jun 2023 21:03
 Operator : MA/JU
 Sample : 03085-03DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFN9DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:51:19 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	7.976	152	7723	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	25289	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	15641	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	33973	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	21504	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	18025	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	6362	0.731	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	1920	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	4557	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.403	178	8266	0.074	ng/ul	96
19) Fluoranthene	19.415	202	22675	0.197	ng/ul	98
20) Pyrene	19.778	202	19171m	0.160	ng/ul	
21) Benzo(a)anthracene	21.527	228	9319	0.105	ng/ul#	89
22) Chrysene	21.582	228	12341	0.134	ng/ul#	90
24) Benzo(b)fluoranthene	23.257	252	16602m	0.216	ng/ul	
25) Benzo(k)fluoranthene	23.301	252	5465m	0.071	ng/ul	
26) Benzo(a)pyrene	23.900	252	9794	0.147	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.599	276	8757	0.120	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.605	278	2101	0.038	ng/ul#	9
29) Benzo(g,h,i)perylene	27.394	276	9153	0.141	ng/ul	92

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

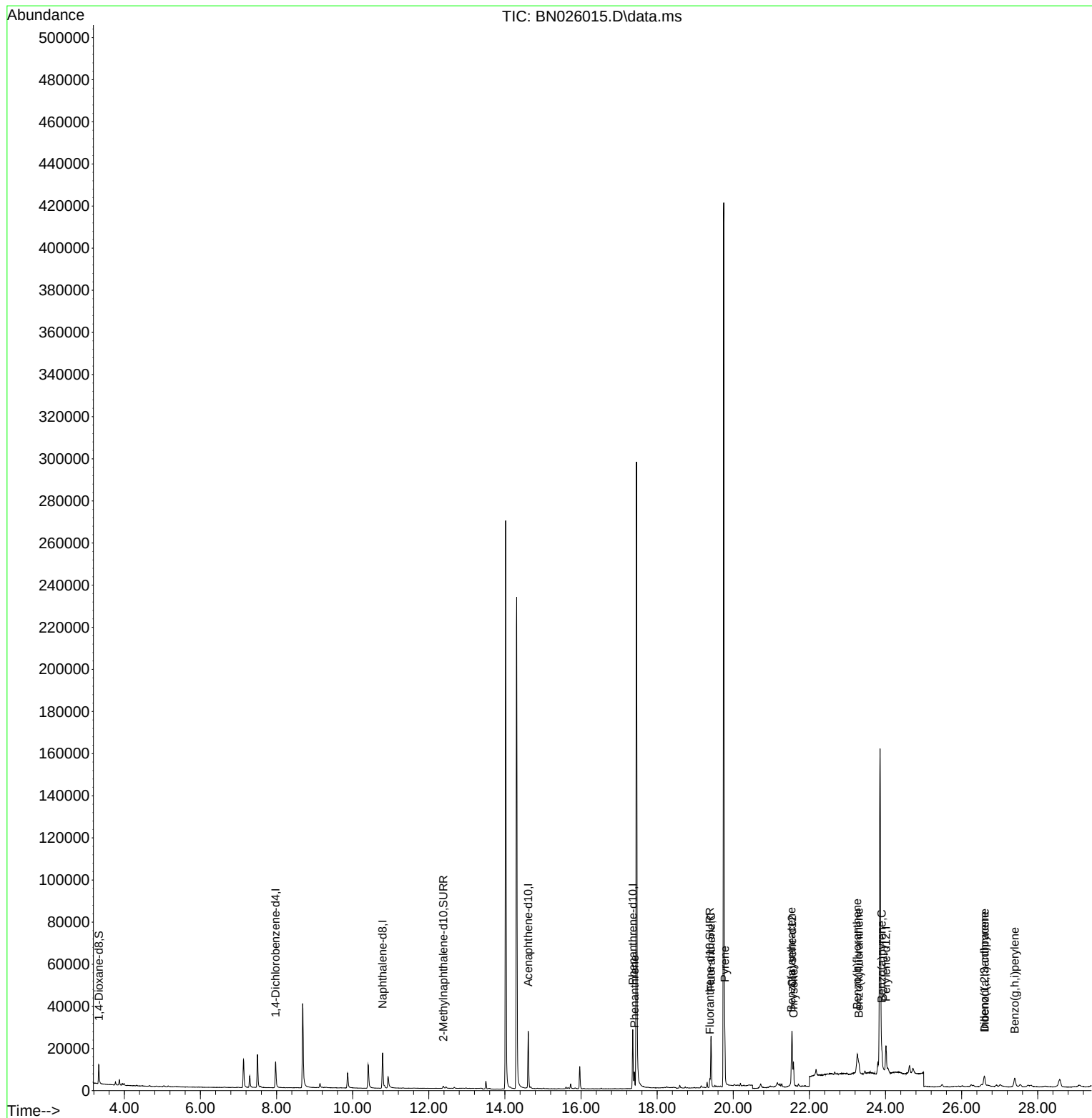
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026015.D
Acq On : 24 Jun 2023 21:03
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ALS Vial : 44 Sample Multiplier: 1

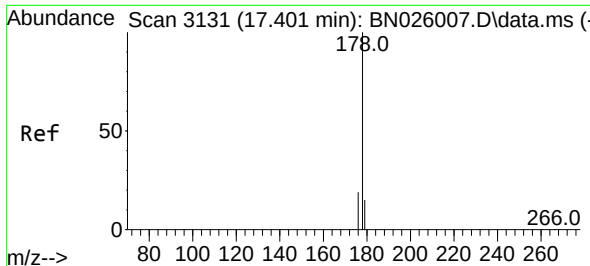
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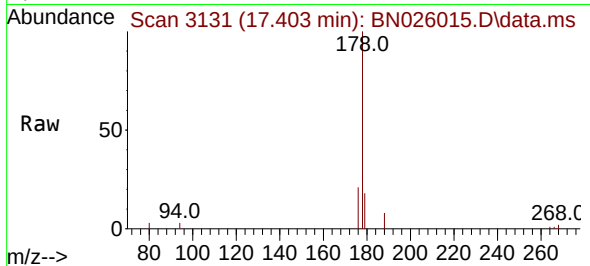
Quant Time: Jun 24 23:51:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.403 min Scan# 3131
Delta R.T. -0.003 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

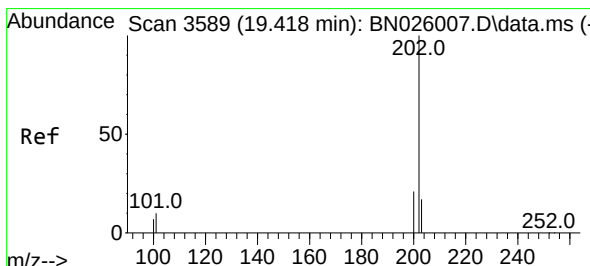
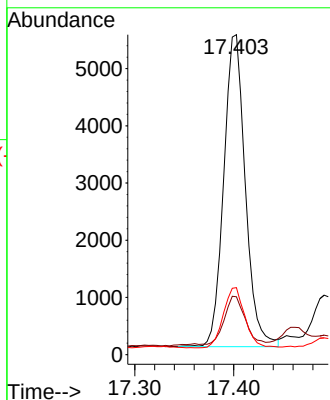
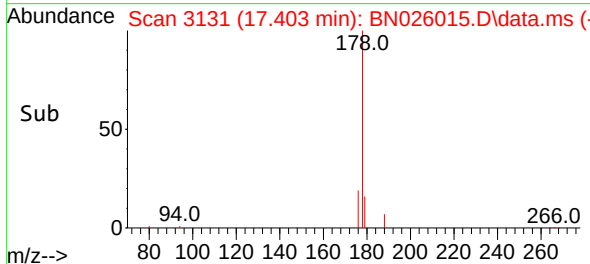
Instrument :
BNA_N
ClientSampleId :
DCFN9DL



Tgt Ion:178 Resp: 8260
Ion Ratio Lower Upper
178 100
179 18.1 12.6 19.0
176 21.0 15.8 23.6

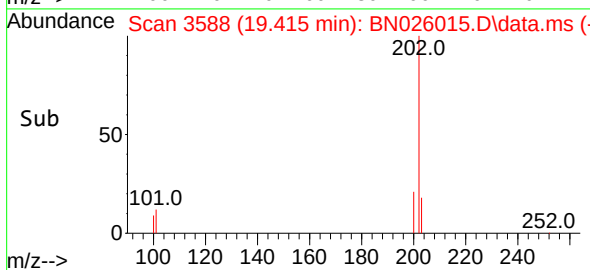
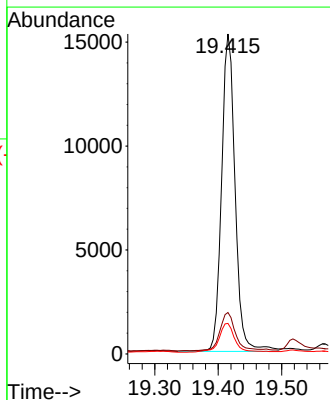
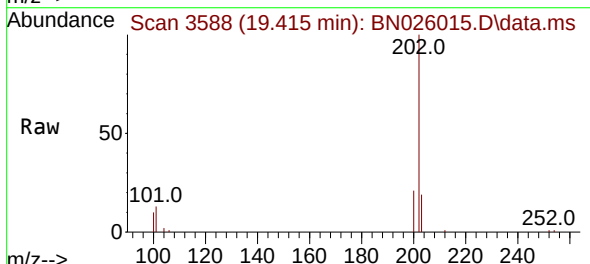
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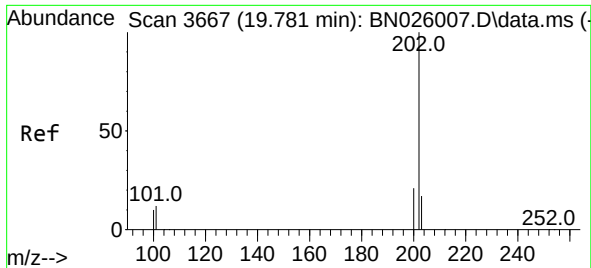
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#19
Fluoranthene
Concen: 0.197 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

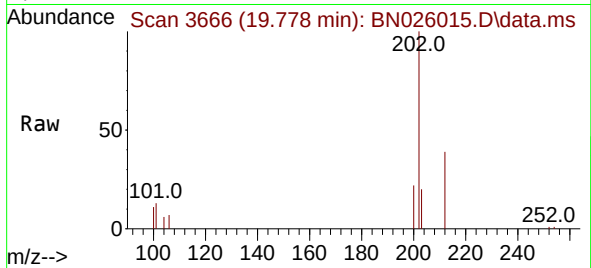
Tgt Ion:202 Resp: 22675
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 9.6 7.3 10.9





#20
Pyrene
Concen: 0.160 ng/ul m
RT: 19.778 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

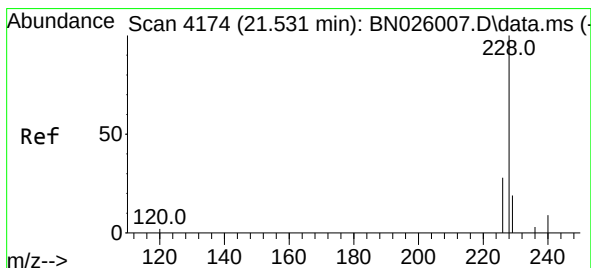
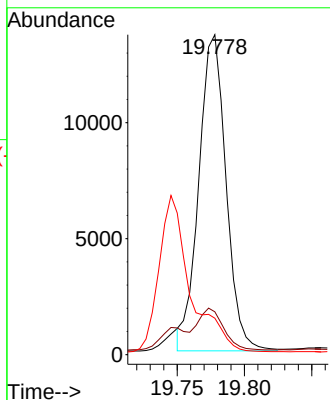
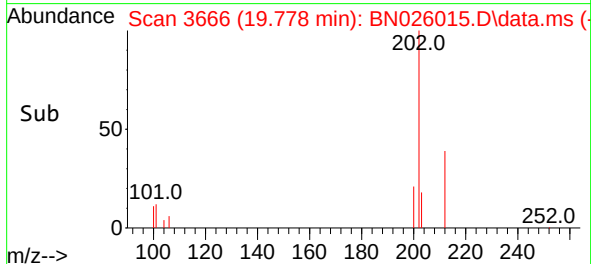
Instrument :
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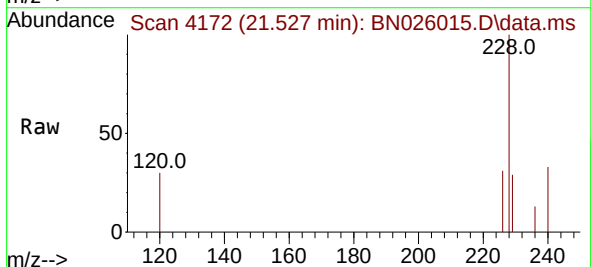
Tgt Ion:202 Resp: 1917
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.4 9.1 13.7

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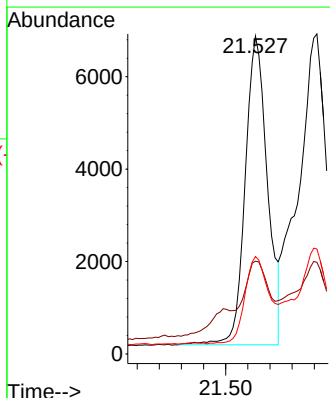
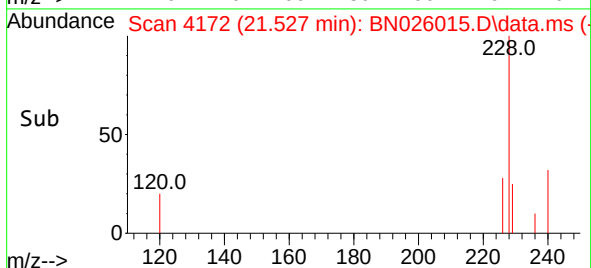
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Supervised By :mohammad ahmed 06/25/2023

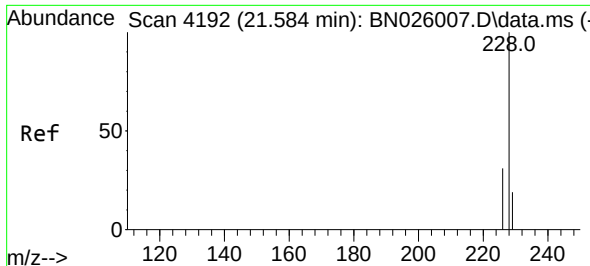


#21
Benzo(a)anthracene
Concen: 0.105 ng/ul
RT: 21.527 min Scan# 4172
Delta R.T. -0.005 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03



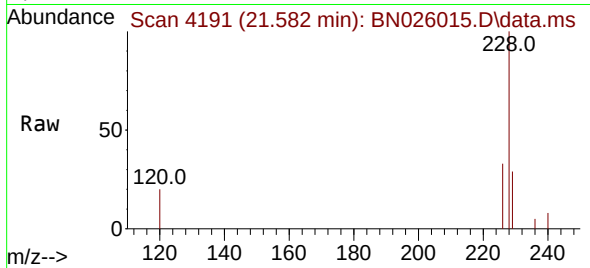
Tgt Ion:228 Resp: 9319
Ion Ratio Lower Upper
228 100
229 29.2 15.8 23.6#
226 30.7 22.5 33.7





#22
Chrysene
Concen: 0.134 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

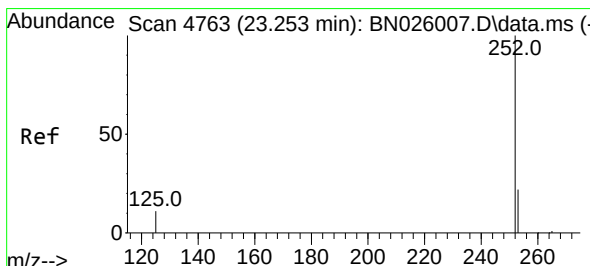
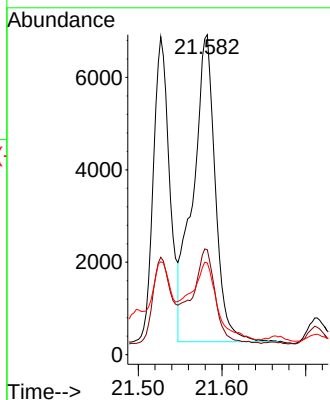
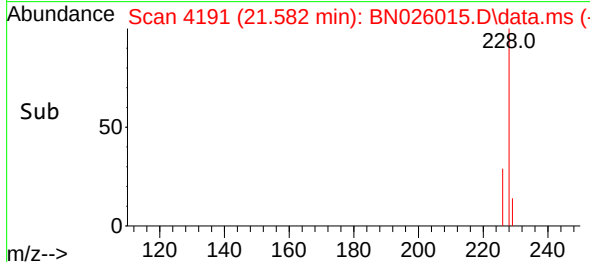
Instrument :
BNA_N
ClientSampleId :
DCFN9DL



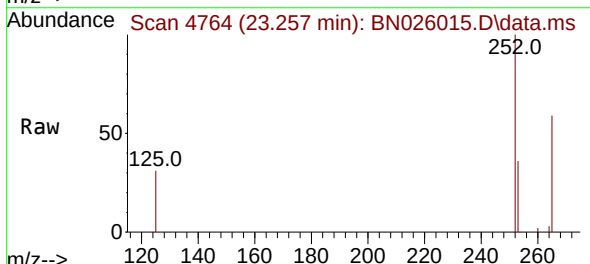
Tgt Ion:228 Resp: 1234
Ion Ratio Lower Upper
228 100
226 32.8 24.8 37.2
229 28.7 15.7 23.5

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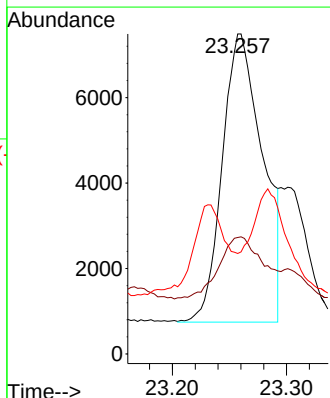
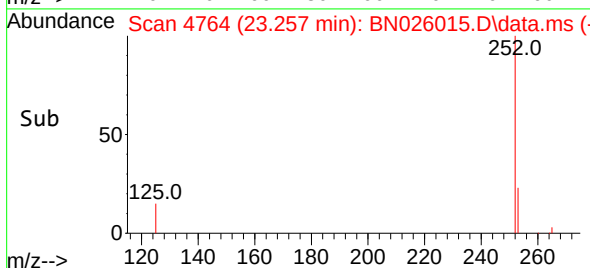
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

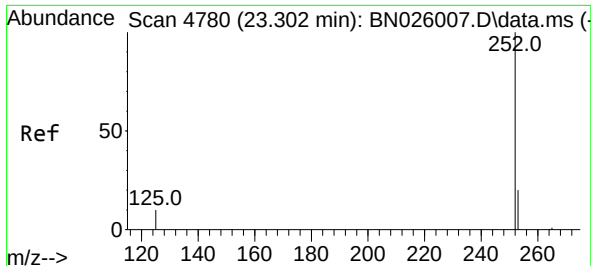


#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul m
RT: 23.257 min Scan# 4764
Delta R.T. 0.001 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03



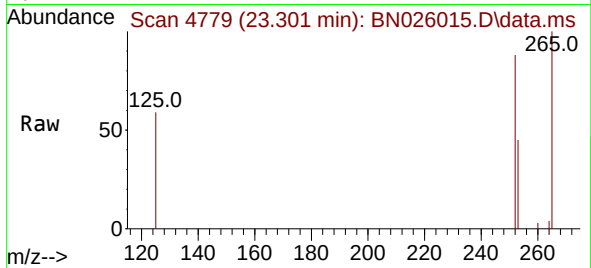
Tgt Ion:252 Resp: 16602
Ion Ratio Lower Upper
252 100
253 36.4 0.0 55.6
125 31.4 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.301 min Scan# 4779
Delta R.T. -0.008 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

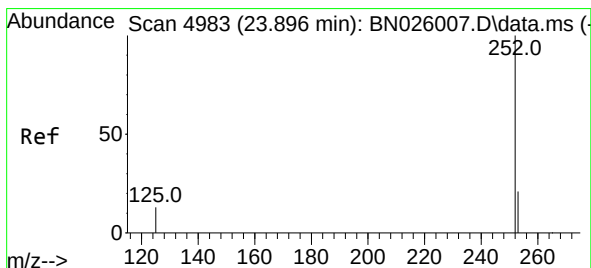
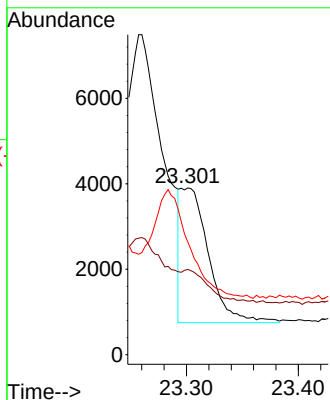
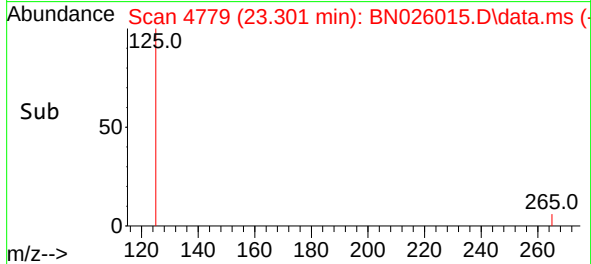
Instrument :
BNA_N
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DCFN9DL



Tgt Ion:252 Resp: 546
Ion Ratio Lower Upper
252 100
253 51.2 23.2 34.8
125 67.5 15.0 22.4

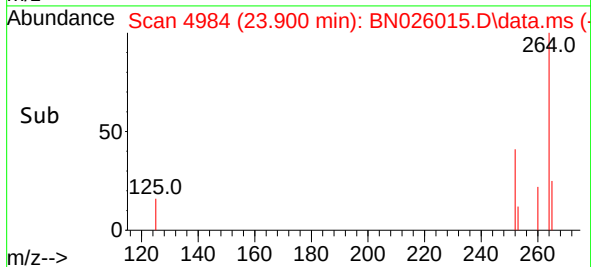
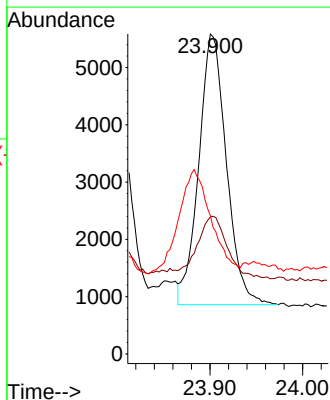
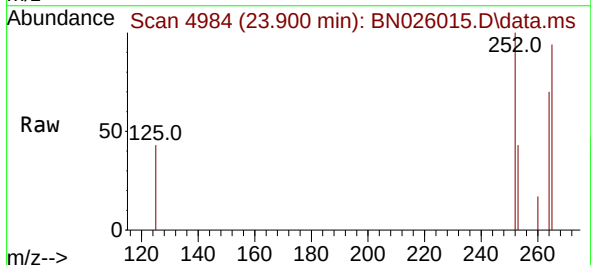
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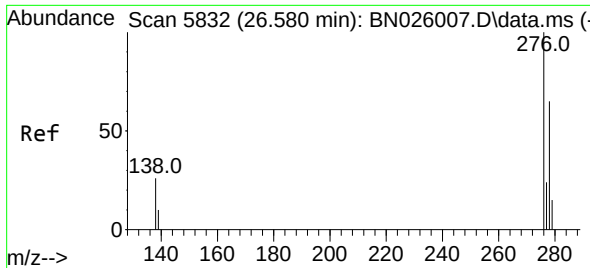
Reviewed By :Yogesh Patel 06/25/2023
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#26
Benzo(a)pyrene
Concen: 0.147 ng/ul
RT: 23.900 min Scan# 4984
Delta R.T. -0.008 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

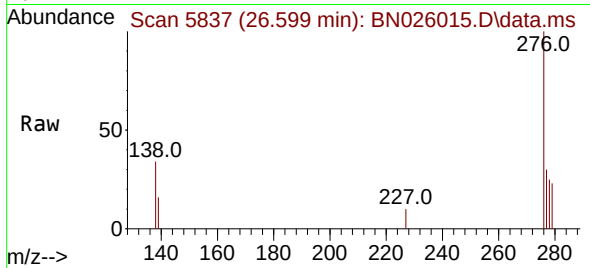
Tgt Ion:252 Resp: 9794
Ion Ratio Lower Upper
252 100
253 42.8 26.0 39.0#
125 43.2 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.120 ng/ul
RT: 26.599 min Scan# 5837
Delta R.T. 0.004 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03

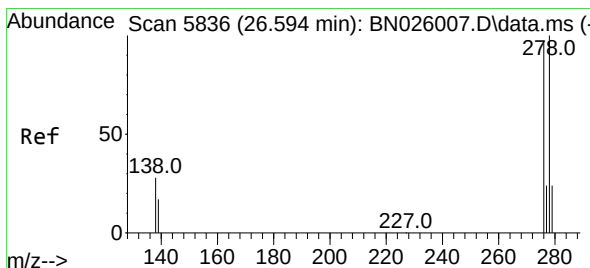
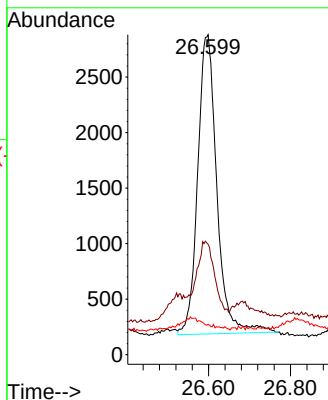
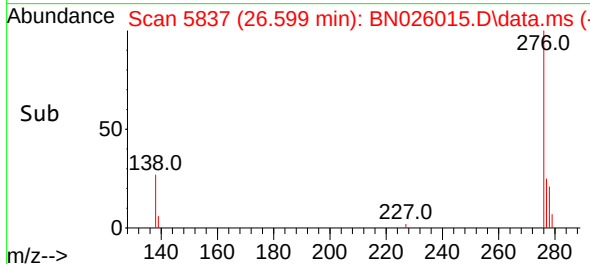
Instrument :
BNA_N
ClientSampleId :
DCFN9DL



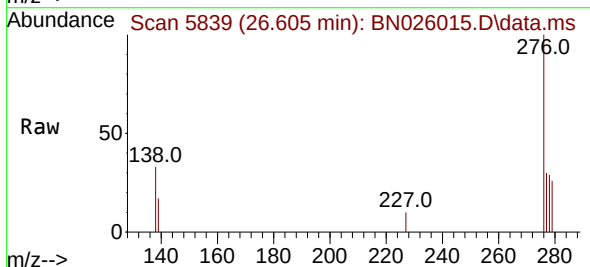
Tgt Ion:276 Resp: 875
Ion Ratio Lower Upper
276 100
138 24.5 24.5 36.7#
227 0.0 0.0 0.0

Manual Integrations
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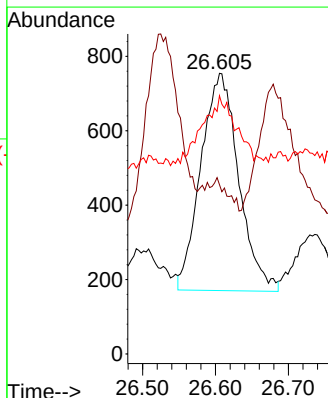
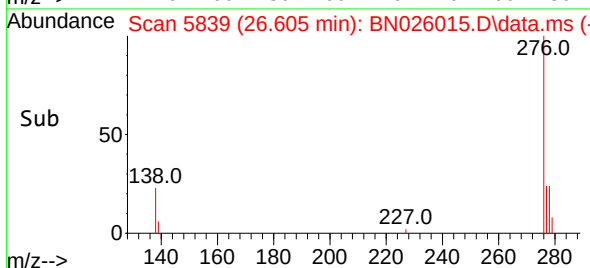
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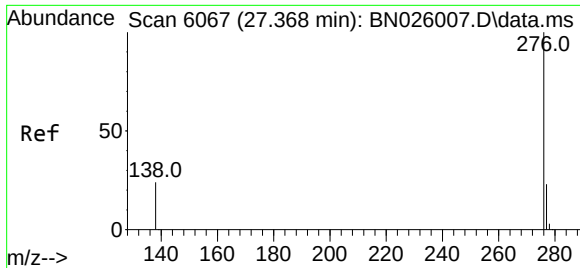


#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 26.605 min Scan# 5839
Delta R.T. -0.016 min
Lab File: BN026015.D
Acq: 24 Jun 2023 21:03



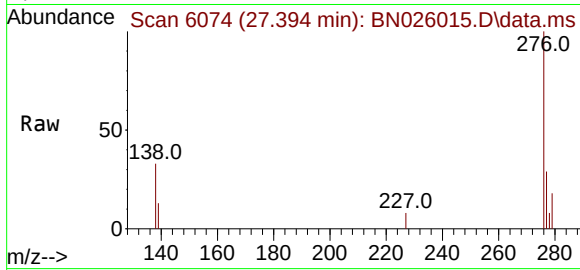
Tgt Ion:278 Resp: 2101
Ion Ratio Lower Upper
278 100
139 60.3 19.0 28.4#
279 92.0 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.141 ng/ul
 RT: 27.394 min Scan# 6067
 Delta R.T. 0.008 min
 Lab File: BN026015.D
 Acq: 24 Jun 2023 21:03

Instrument :
 BNA_N
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 DCFN9DL



Tgt Ion:	276	Resp:	915
Ion Ratio	Lower	Upper	
276	100		
138	33.0	23.4	35.0
277	29.3	20.0	30.0

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