

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN026014.D
 Acq On : 24 Jun 2023 20:27
 Operator : MA/JU
 Sample : 03085-12DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP8DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:51:10 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	7201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	23501	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	14472	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	31365	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	20056	0.400	ng/ul	0.00
23) Perylene-d12	23.998	264	16772	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	5247	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.380	152	1633	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	4106	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.840	128	2485	0.037	ng/ul#	88
7) 2-Methylnaphthalene	12.457	142	1094	0.026	ng/ul	100
10) Acenaphthylene	14.334	152	3593	0.053	ng/ul#	95
15) Phenanthrene	17.401	178	20353	0.196	ng/ul	99
16) Anthracene	17.490	178	4902	0.053	ng/ul#	89
19) Fluoranthene	19.414	202	66101	0.617	ng/ul	99
20) Pyrene	19.776	202	56438	0.507	ng/ul	99
21) Benzo(a)anthracene	21.525	228	32466	0.392	ng/ul	97
22) Chrysene	21.581	228	37765	0.439	ng/ul#	95
24) Benzo(b)fluoranthene	23.250	252	53679m	0.750	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	17213m	0.239	ng/ul	
26) Benzo(a)pyrene	23.890	252	31970	0.514	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.557	276	26617	0.392	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.567	278	6446	0.125	ng/ul#	68
29) Benzo(g,h,i)perylene	27.352	276	26343	0.436	ng/ul	98

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

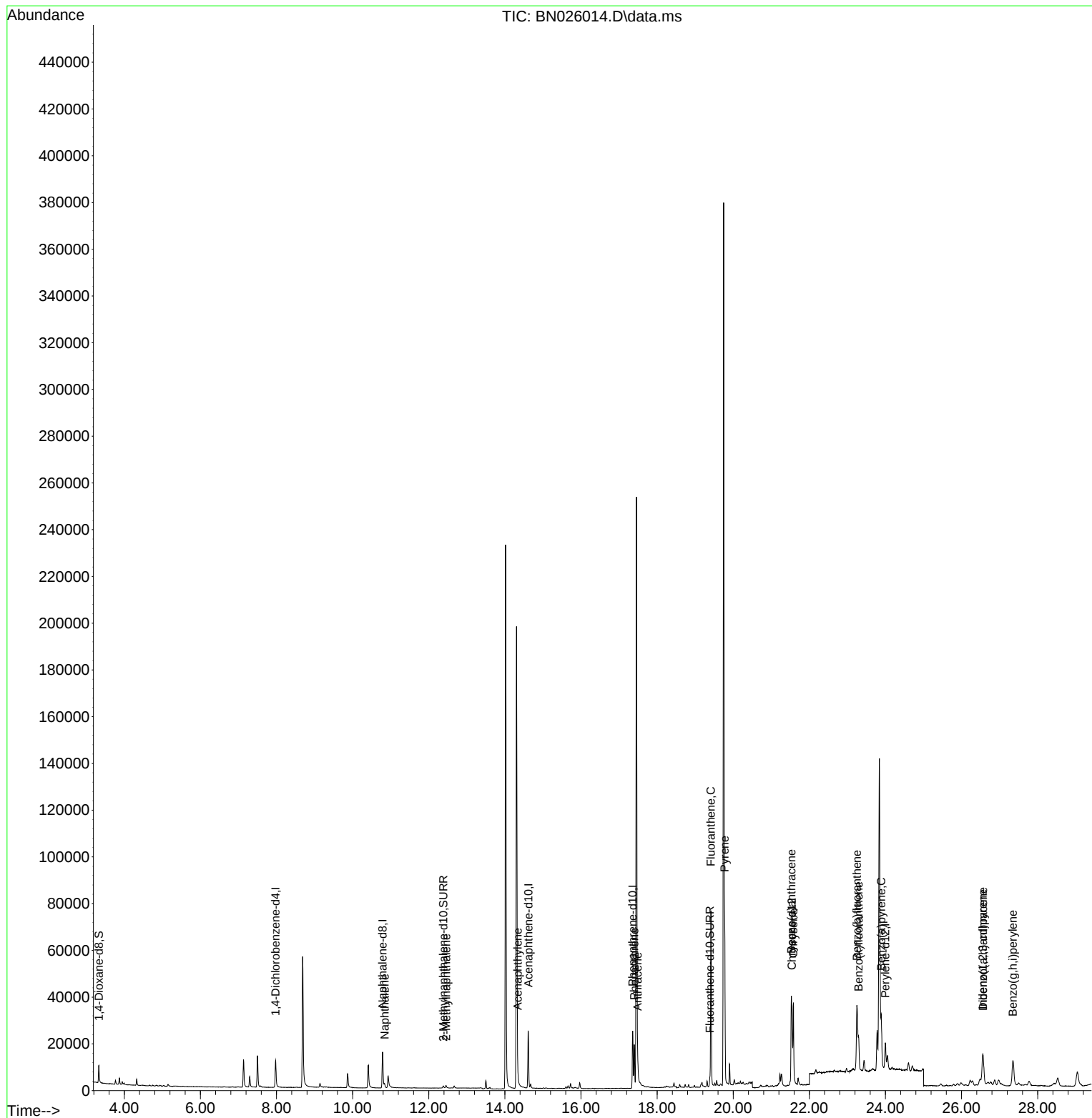
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN026014.D
Acq On : 24 Jun 2023 20:27
Operator : MA/JU
Sample : 03085-12DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

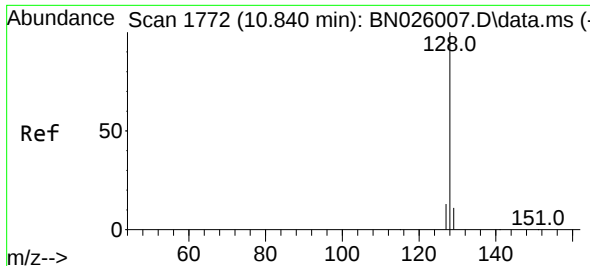
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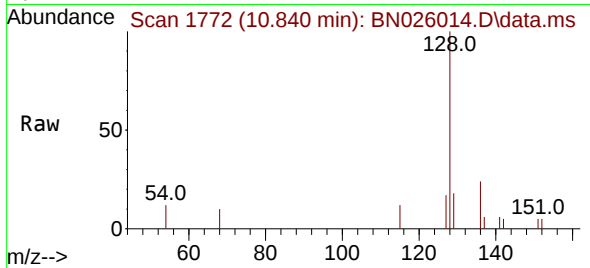
Quant Time: Jun 24 23:51:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

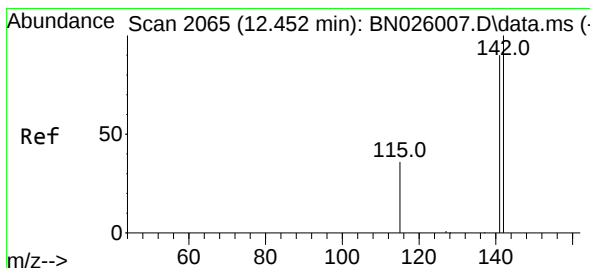
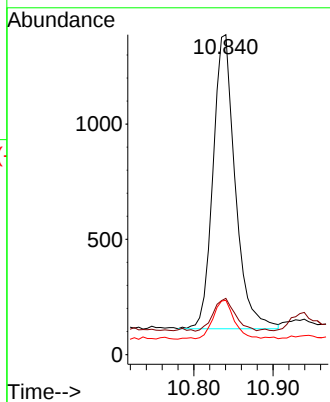
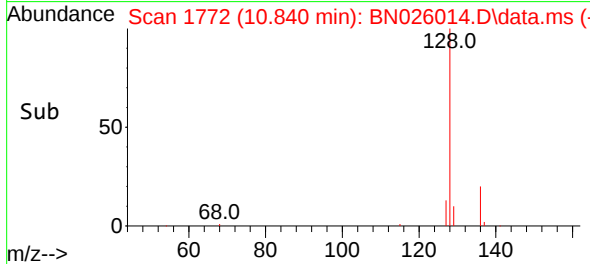
Instrument :
BNA_N
ClientSampleId :
DCFP8DL



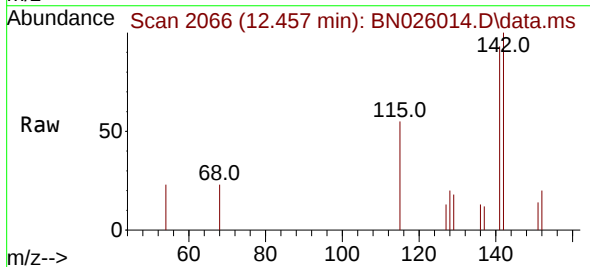
Tgt Ion:128 Resp: 2485
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7
127 17.0 10.7 16.1

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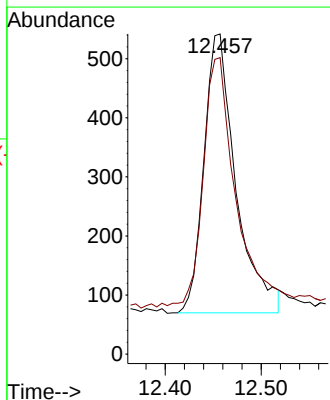
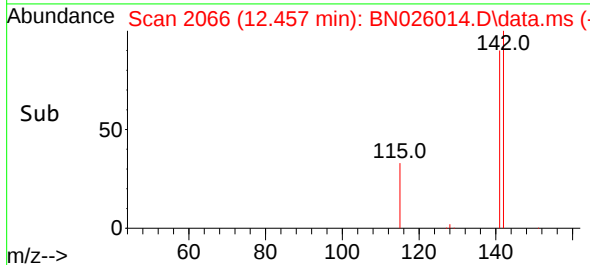
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

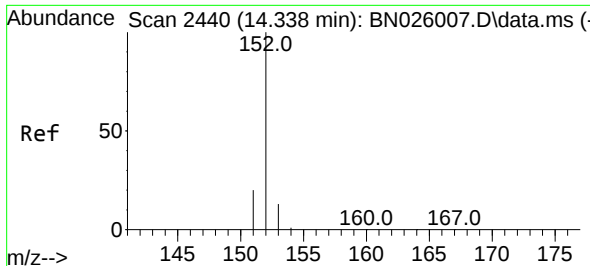


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.457 min Scan# 2066
Delta R.T. 0.004 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27



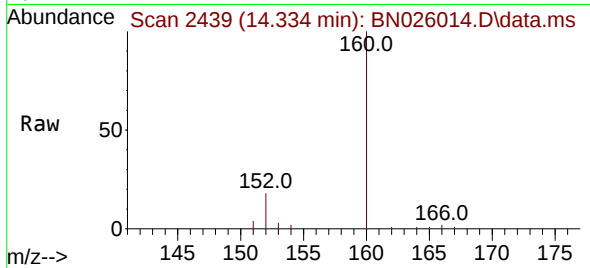
Tgt Ion:142 Resp: 1094
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.334 min Scan# 2440
Delta R.T. -0.010 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

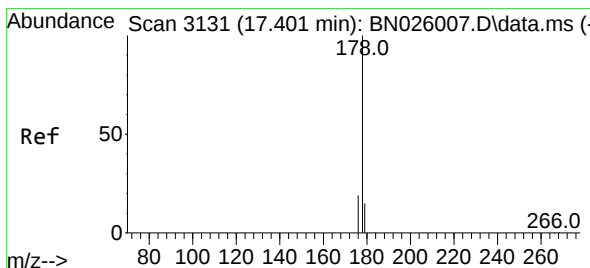
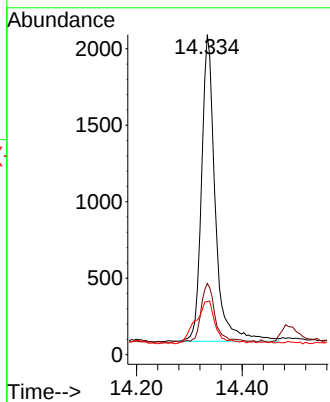
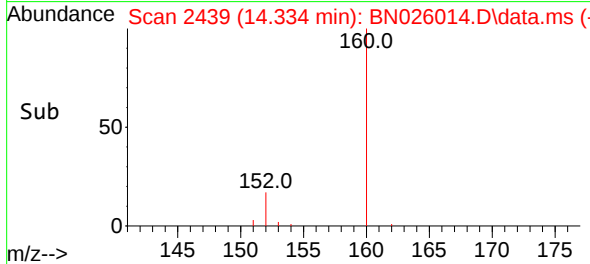
Instrument :
BNA_N
ClientSampleId :
DCFP8DL



Tgt Ion:152 Resp: 359
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4
153 16.6 10.9 16.3

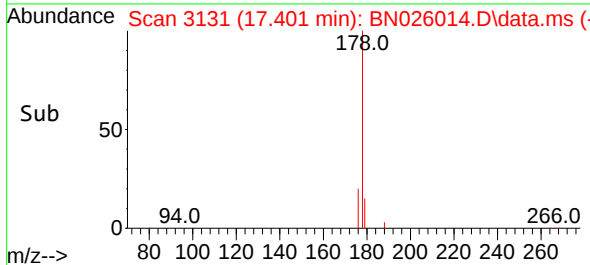
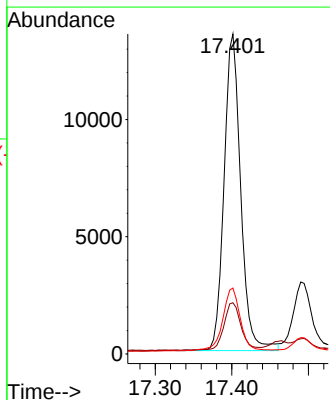
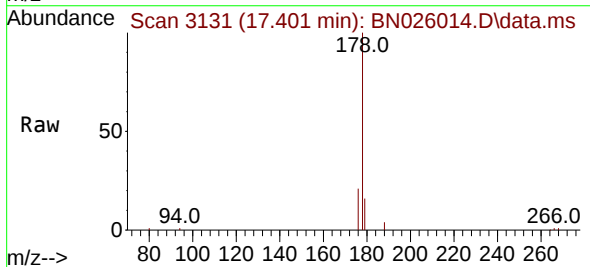
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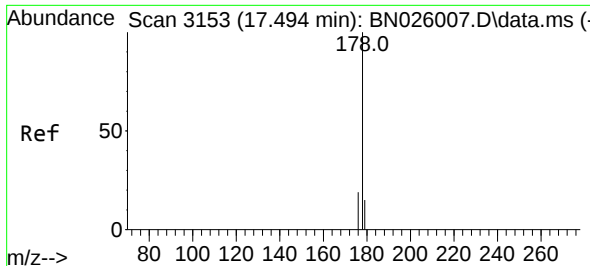
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

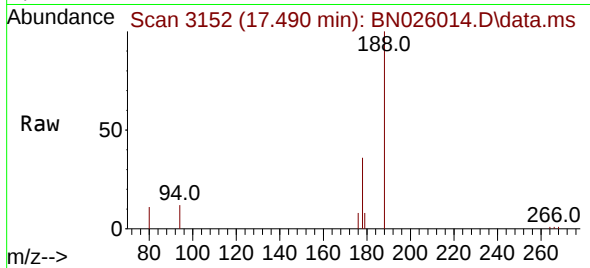
Tgt Ion:178 Resp: 20353
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.6 15.8 23.6





#16
 Anthracene
 Concen: 0.053 ng/ul
 RT: 17.490 min Scan# 3153
 Delta R.T. -0.009 min
 Lab File: BN026014.D
 Acq: 24 Jun 2023 20:27

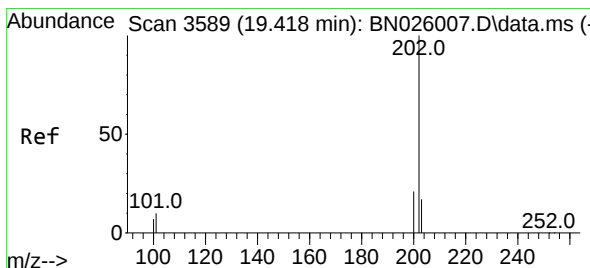
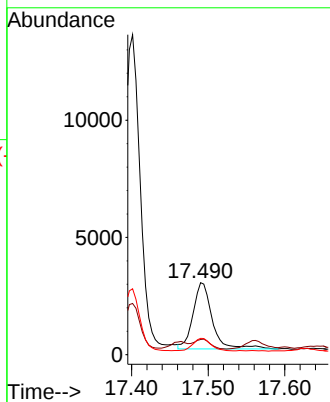
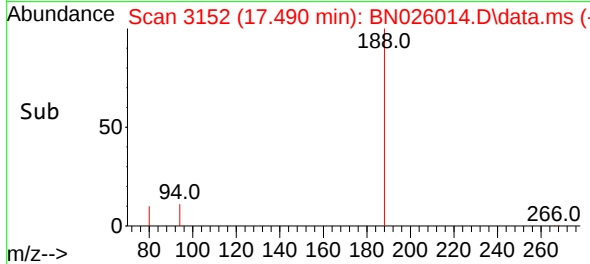
Instrument :
 BNA_N
 ClientSampleId :
 DCFP8DL



Tgt Ion:178 Resp: 4902
 Ion Ratio Lower Upper
 178 100
 179 21.2 12.6 18.8
 176 22.6 15.1 22.7

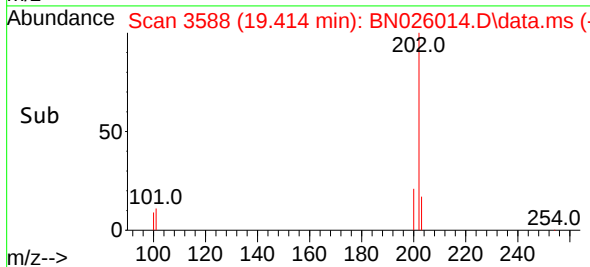
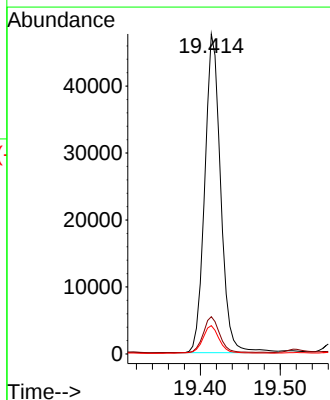
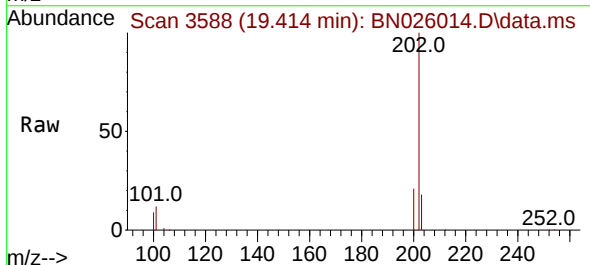
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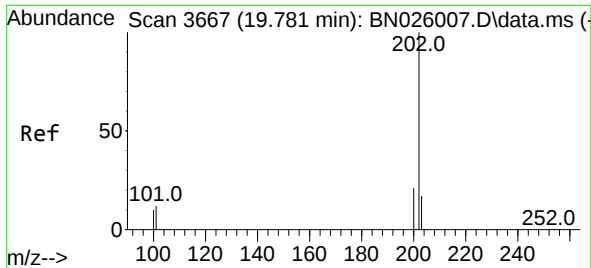
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023



#19
 Fluoranthene
 Concen: 0.617 ng/ul
 RT: 19.414 min Scan# 3588
 Delta R.T. -0.006 min
 Lab File: BN026014.D
 Acq: 24 Jun 2023 20:27

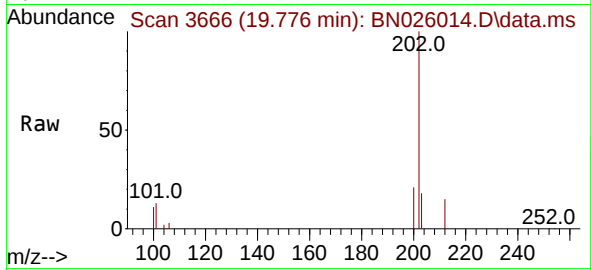
Tgt Ion:202 Resp: 66101
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.5 14.3
 100 8.9 7.3 10.9





#20
Pyrene
Concen: 0.507 ng/ul
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

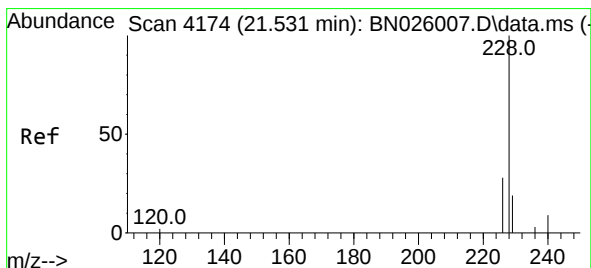
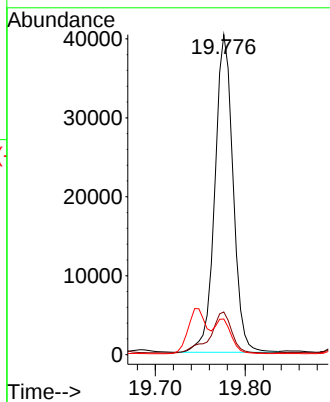
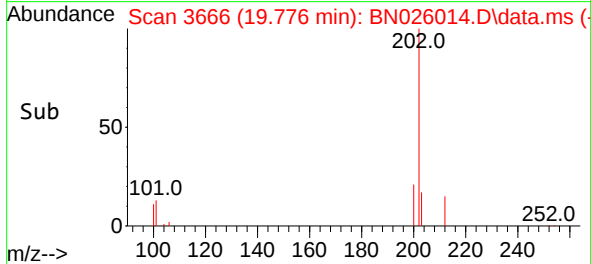
Instrument :
BNA_N
ClientSampleId :
DCFP8DL



Tgt Ion:202 Resp: 56438
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 11.1 9.1 13.7

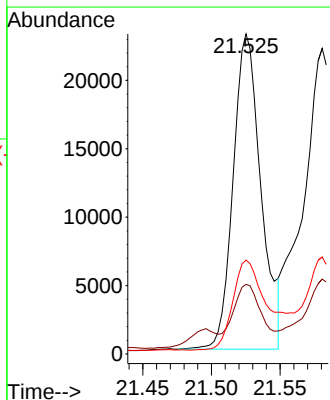
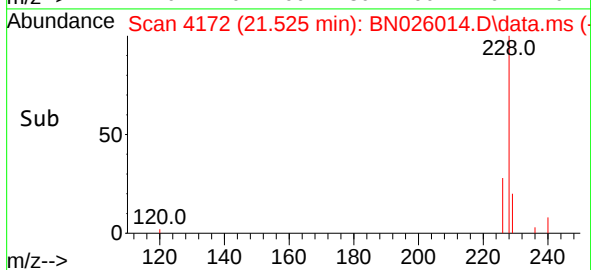
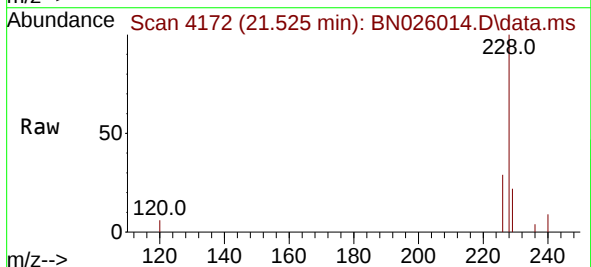
Manual Integrations
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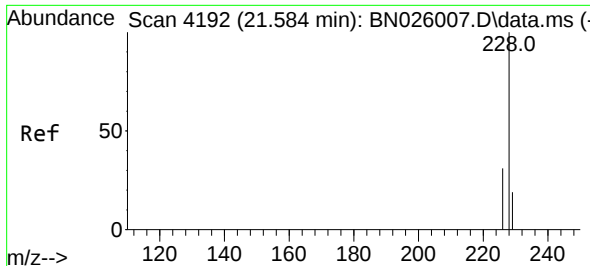
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

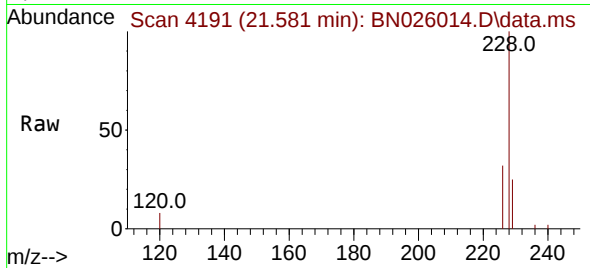
Tgt Ion:228 Resp: 32466
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 29.3 22.5 33.7





#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.581 min Scan# 4192
Delta R.T. -0.004 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

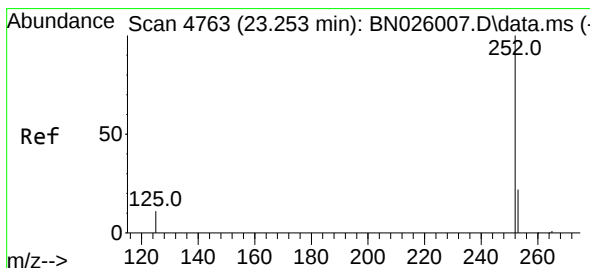
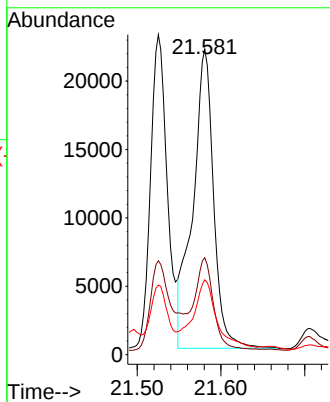
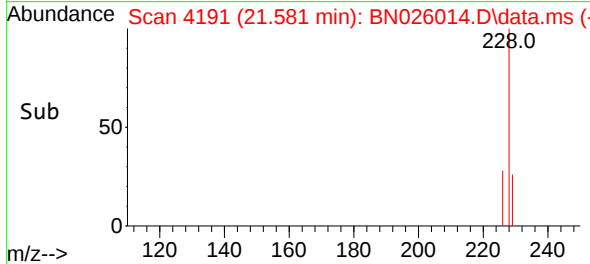
Instrument :
BNA_N
ClientSampleId :
DCFP8DL



Tgt Ion:228 Resp: 37768
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 24.5 15.7 23.5

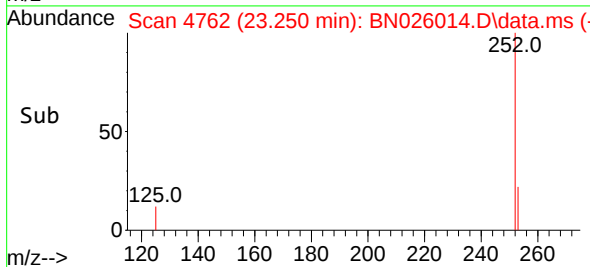
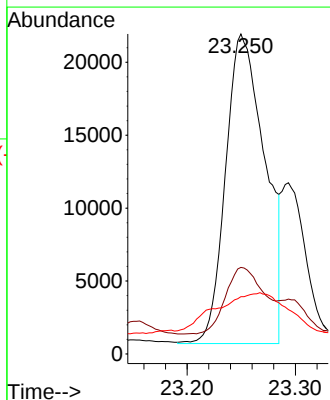
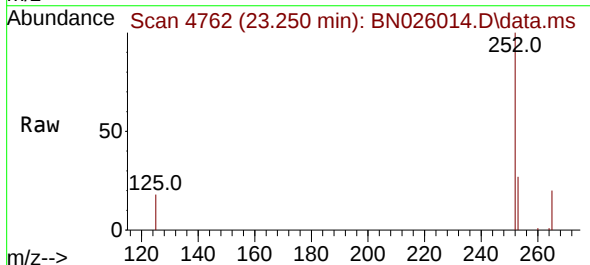
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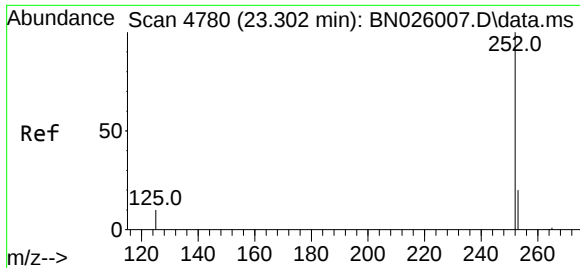
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#24
Benzo(b)fluoranthene
Concen: 0.750 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. -0.007 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

Tgt Ion:252 Resp: 53679
Ion Ratio Lower Upper
252 100
253 27.1 0.0 55.6
125 17.9 0.0 35.8





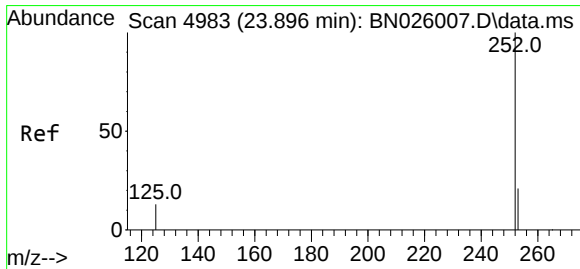
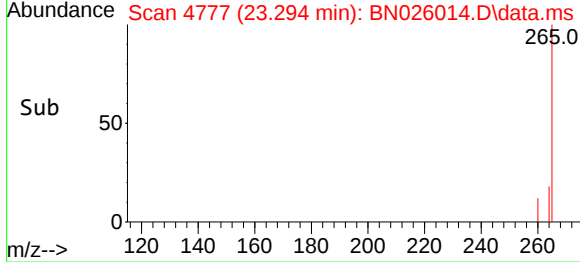
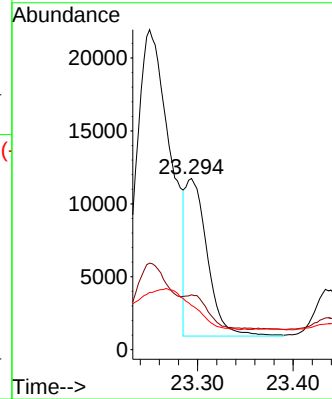
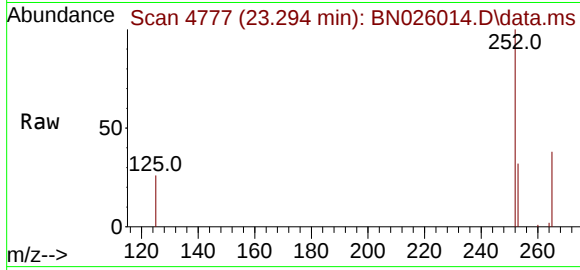
#25
Benzo(k)fluoranthene
Concen: 0.239 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.015 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

Instrument :
BNA_N
ClientSampleId :
DCFP8DL

Tgt Ion:	252	Resp:	1721
Ion Ratio	Lower	Upper	
252	100		
253	32.1	23.2	34.8
125	25.8	15.0	22.4

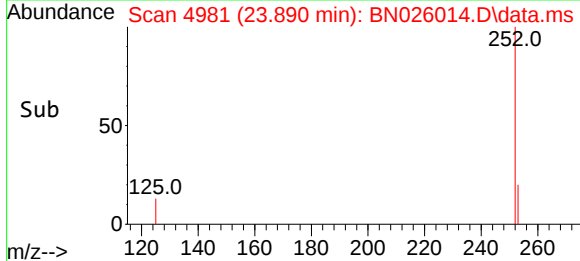
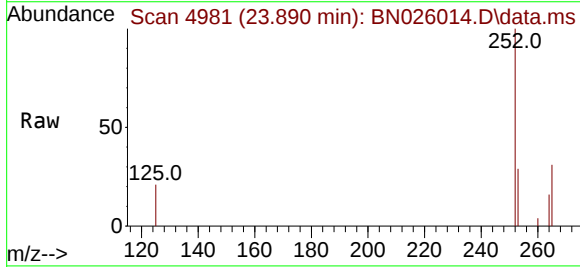
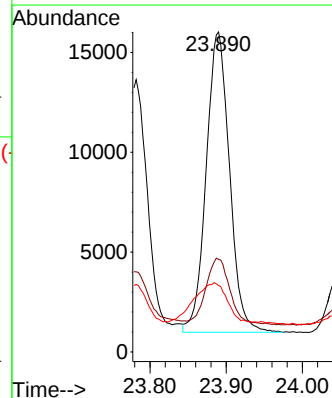
Manual Integrations
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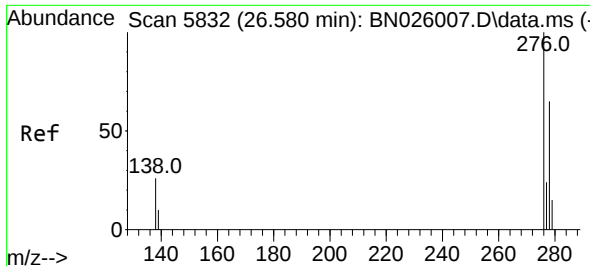
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 23.890 min Scan# 4981
Delta R.T. -0.018 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

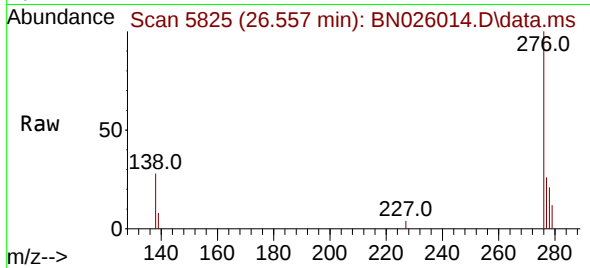
Tgt Ion:	252	Resp:	31970
Ion Ratio	Lower	Upper	
252	100		
253	29.0	26.0	39.0
125	20.8	17.3	25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.038 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27

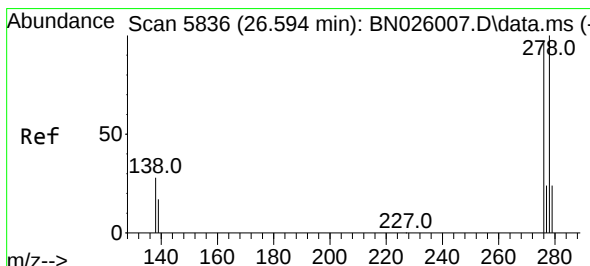
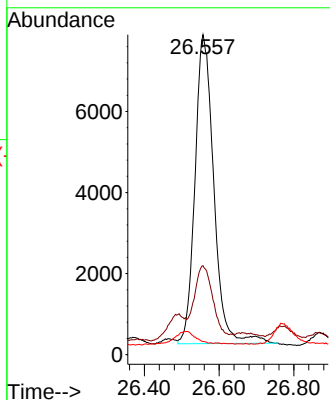
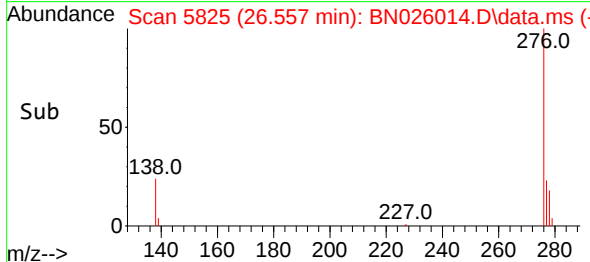
Instrument :
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DCFP8DL



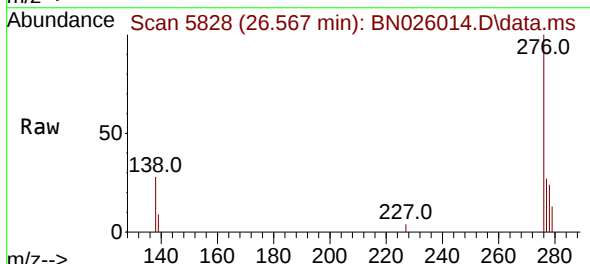
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Ion Ratio Lower Upper
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138 24.7 24.5 36.7
227 0.0 0.0 0.0

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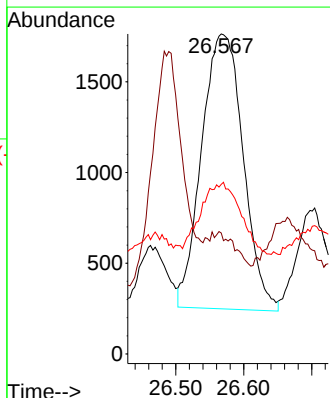
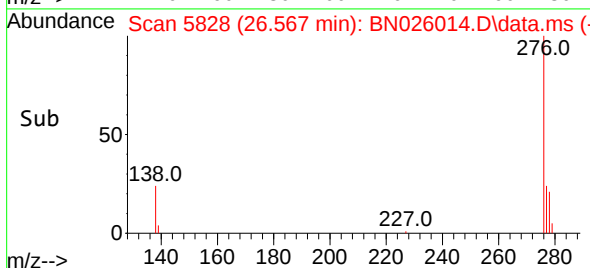
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

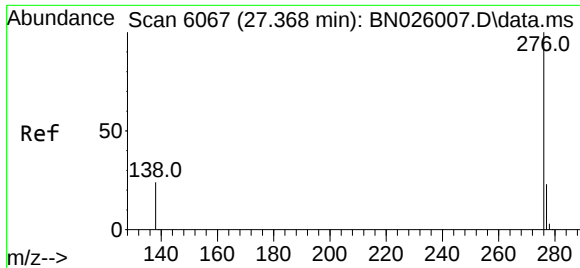


#28
Dibenzo(a,h)anthracene
Concen: 0.125 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.055 min
Lab File: BN026014.D
Acq: 24 Jun 2023 20:27



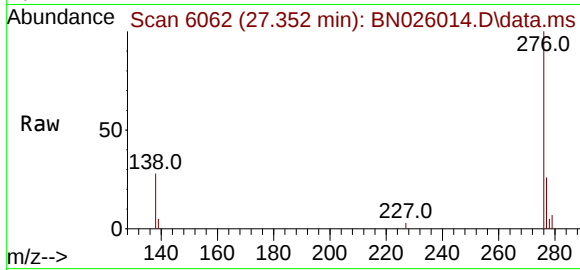
Tgt Ion:278 Resp: 6446
Ion Ratio Lower Upper
278 100
139 37.8 19.0 28.4#
279 53.0 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.436 ng/ul
 RT: 27.352 min Scan# 6062
 Delta R.T. -0.034 min
 Lab File: BN026014.D
 Acq: 24 Jun 2023 20:27

Instrument :
 BNA_N
 ClientSampleId :
 DCFP8DL



Tgt Ion: 276 Resp: 2634

Ion	Ratio	Lower	Upper
276	100		
138	27.6	23.4	35.0
277	25.6	20.0	30.0

Manual Integrations
 APPROVED

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