

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
 Data File : BN026027.D
 Acq On : 26 Jun 2023 15:09
 Operator : MA/JU
 Sample : 03085-15DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 27 01:38:39 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	6631	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	21315	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	13018	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	27366	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	16604	0.400	ng/ul	0.00
23) Perylene-d12	24.017	264	14772	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	3712	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1095	0.033	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	2597	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.335	152	1952	0.032	ng/ul#	87
15) Phenanthrene	17.402	178	35506	0.393	ng/ul	100
16) Anthracene	17.491	178	2717	0.034	ng/ul#	81
19) Fluoranthene	19.415	202	87261	0.984	ng/ul	97
20) Pyrene	19.778	202	55511	0.602	ng/ul	96
21) Benzo(a)anthracene	21.530	228	7866m	0.115	ng/ul	
22) Chrysene	21.582	228	22731	0.319	ng/ul	96
24) Benzo(b)fluoranthene	23.260	252	21161m	0.336	ng/ul	
25) Benzo(k)fluoranthene	23.304	252	6990m	0.110	ng/ul	
26) Benzo(a)pyrene	23.903	252	8394	0.153	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	26.599	276	8832	0.148	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.612	278	2104	0.046	ng/ul#	20
29) Benzo(g,h,i)perylene	27.393	276	8104	0.152	ng/ul#	87

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

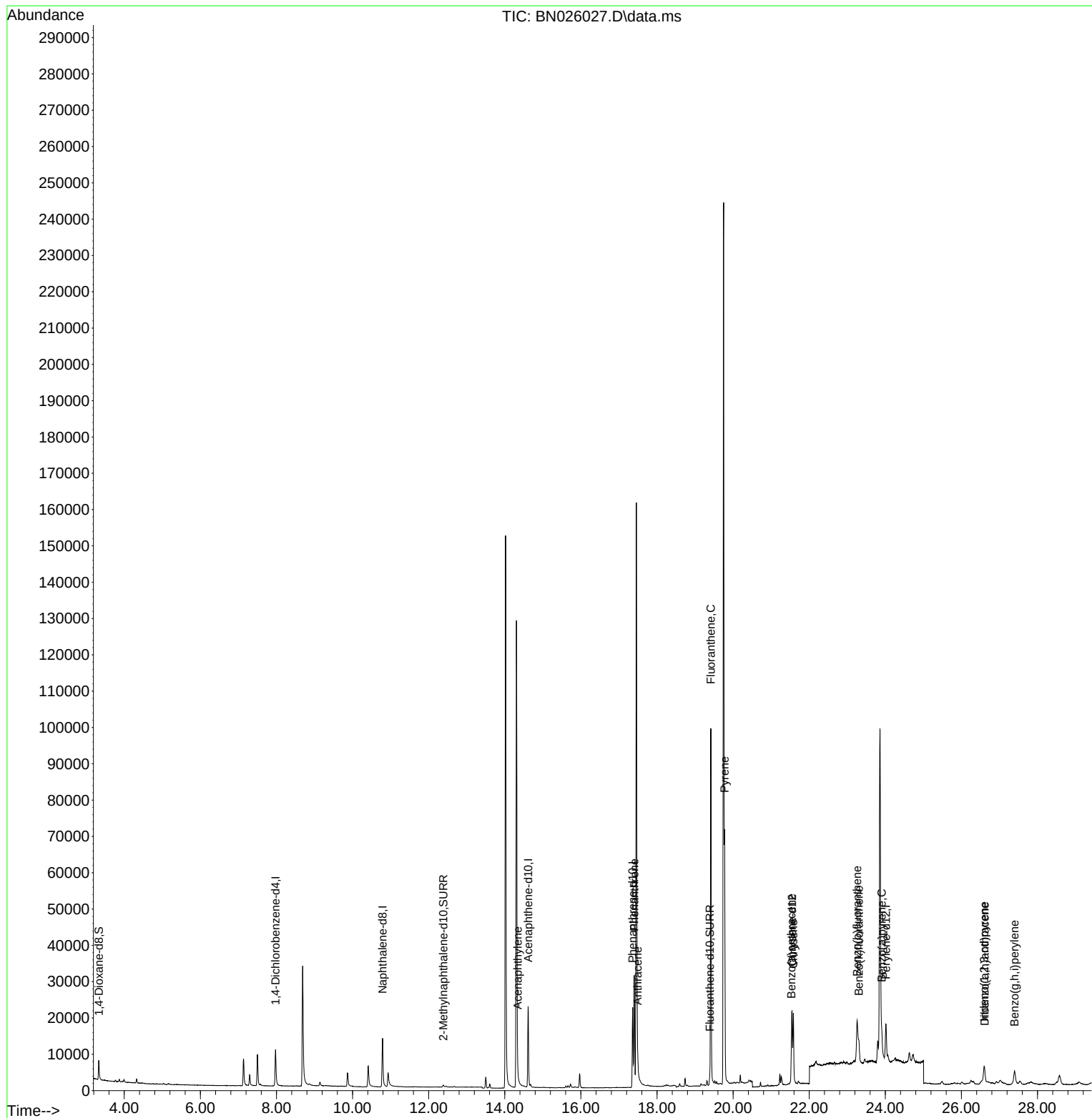
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062623\
Data File : BN026027.D
Acq On : 26 Jun 2023 15:09
Operator : MA/JU
Sample : 03085-15DL 5X
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ALS Vial : 10 Sample Multiplier: 1

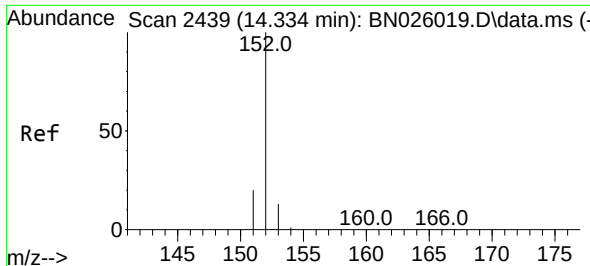
Instrument :
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DCFQ1DL

Quant Time: Jun 27 01:38:39 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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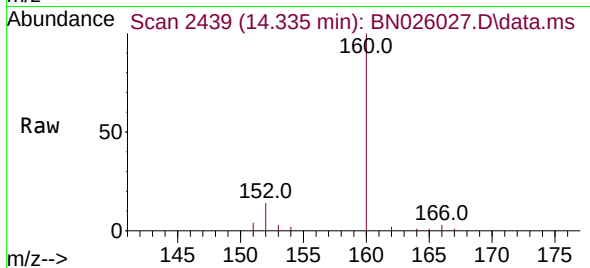
#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.335 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

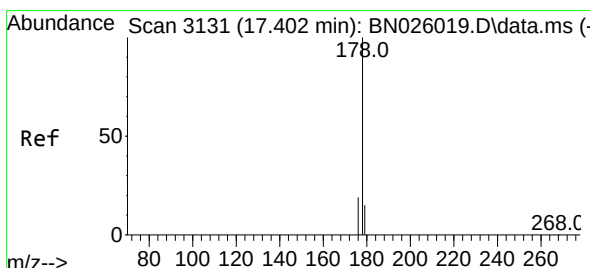
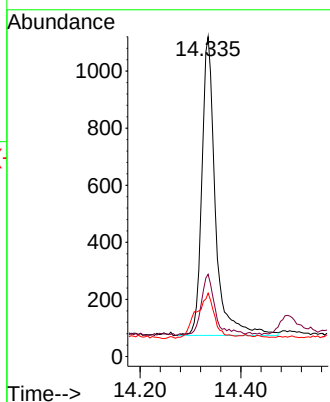
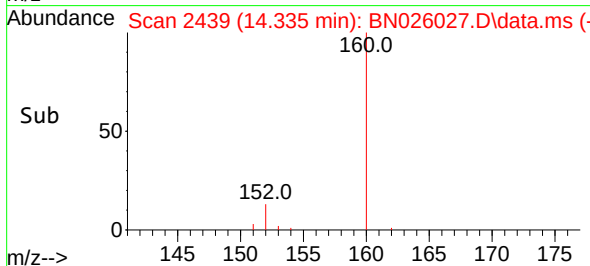


Tgt Ion:152 Resp: 1952
Ion Ratio Lower Upper
152 100
151 25.7 16.2 24.4
153 19.8 10.9 16.3

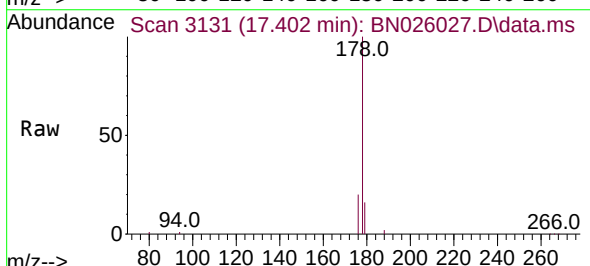
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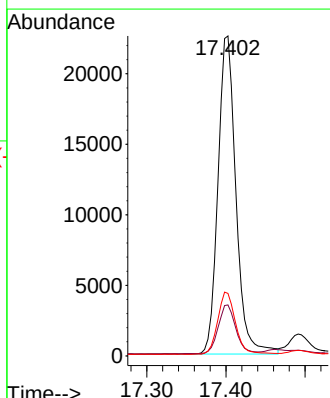
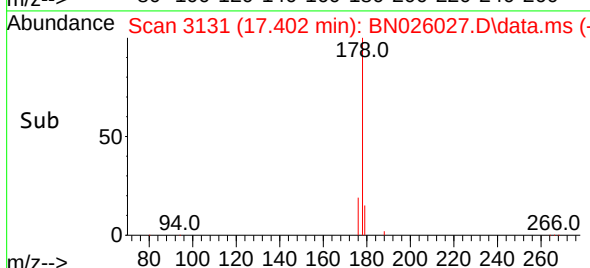
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

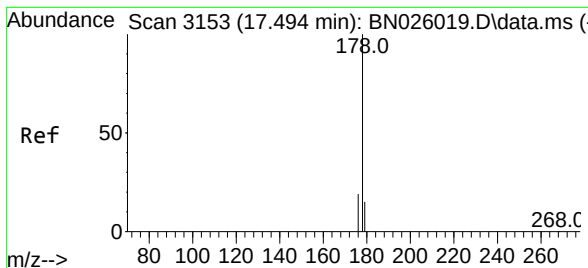


#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09



Tgt Ion:178 Resp: 35506
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.5 15.8 23.6





#16

Anthracene

Concen: 0.034 ng/ul

RT: 17.491 min Scan# 3153

Delta R.T. -0.008 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

Tgt Ion:178 Resp: 271

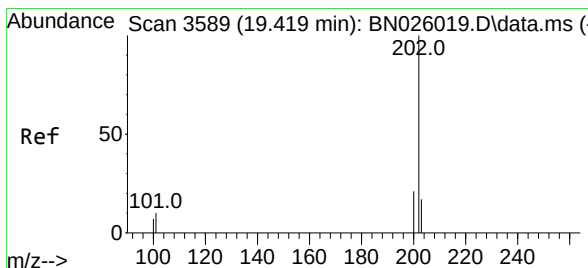
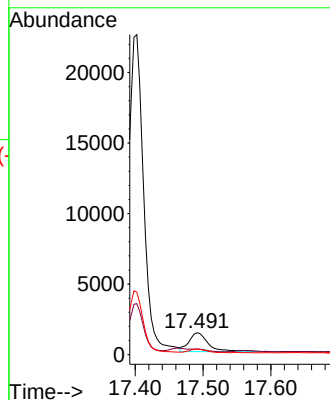
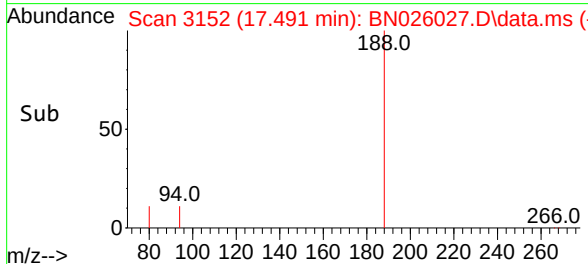
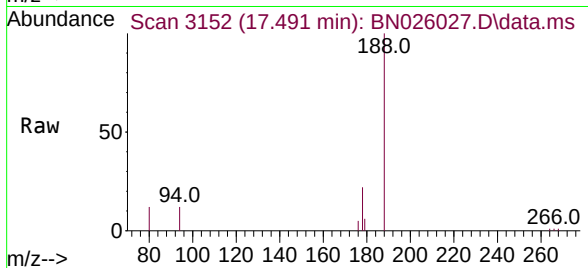
Ion	Ratio	Lower	Upper
178	100		
179	26.2	12.6	18.8
176	25.0	15.1	22.7

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#19

Fluoranthene

Concen: 0.984 ng/ul

RT: 19.415 min Scan# 3588

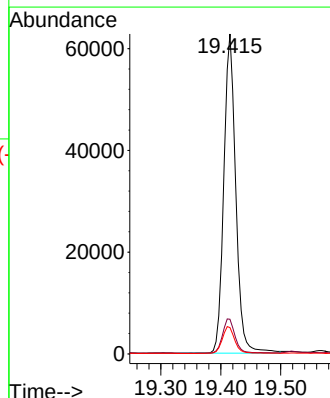
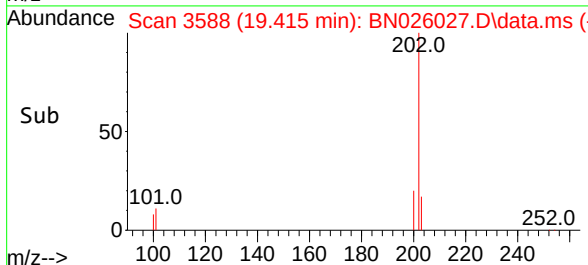
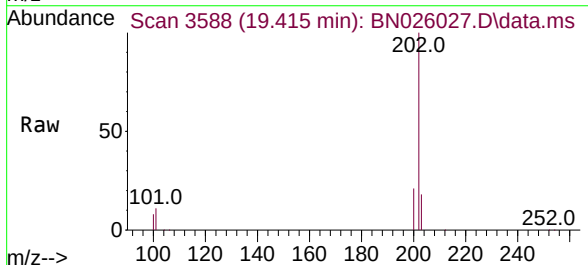
Delta R.T. -0.004 min

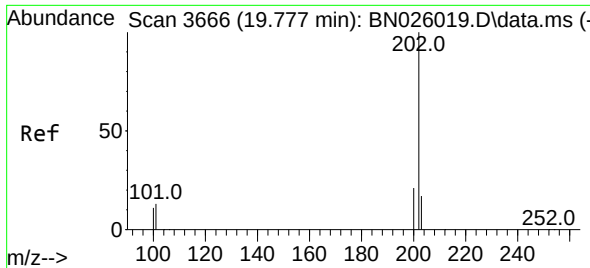
Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Tgt Ion:202 Resp: 87261

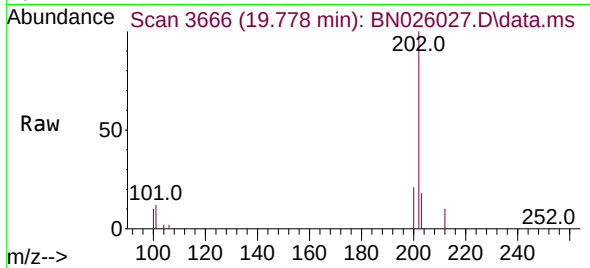
Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.5	14.3
100	8.2	7.3	10.9





#20
Pyrene
Concen: 0.602 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

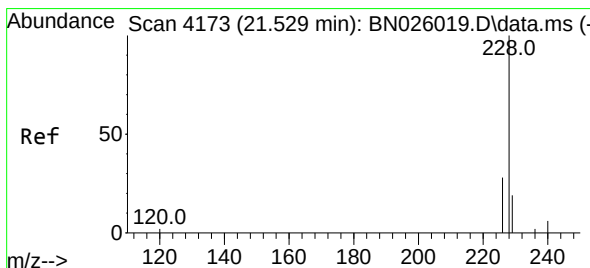
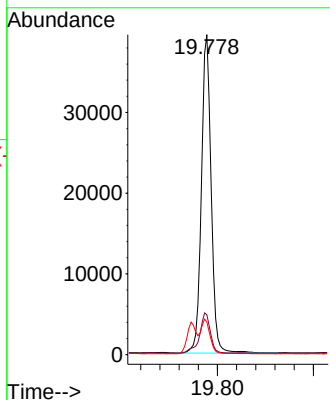
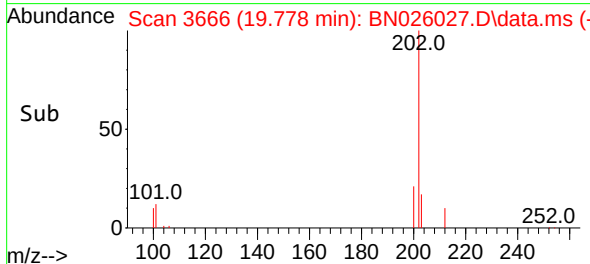
Instrument :
BNA_N
ClientSampleId :
DCFQ1DL



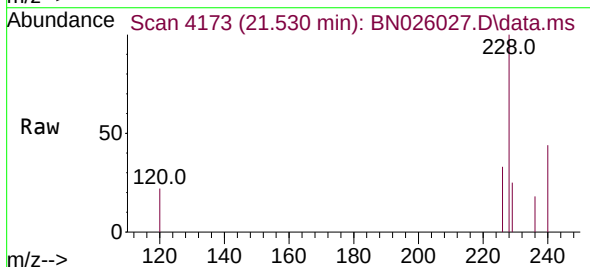
Tgt Ion:202 Resp: 55511
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.2 9.1 13.7

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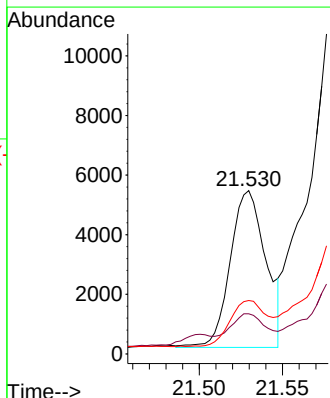
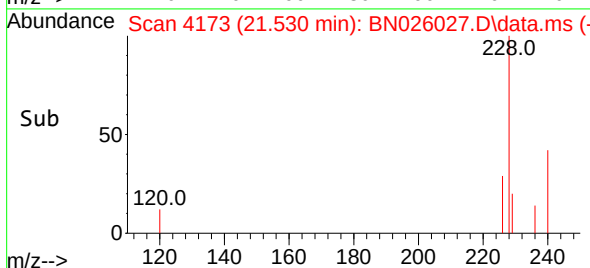
Reviewed By :Yogesh Patel 06/27/2023
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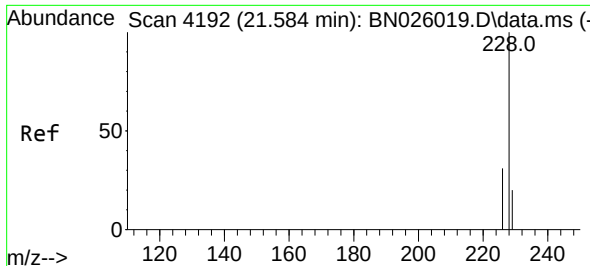


#21
Benzo(a)anthracene
Concen: 0.115 ng/ul m
RT: 21.530 min Scan# 4173
Delta R.T. -0.002 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09



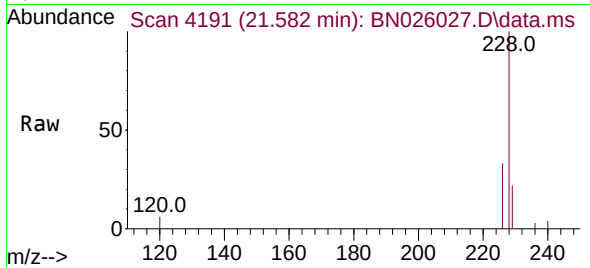
Tgt Ion:228 Resp: 7866
Ion Ratio Lower Upper
228 100
229 24.5 15.8 23.6#
226 32.7 22.5 33.7





#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

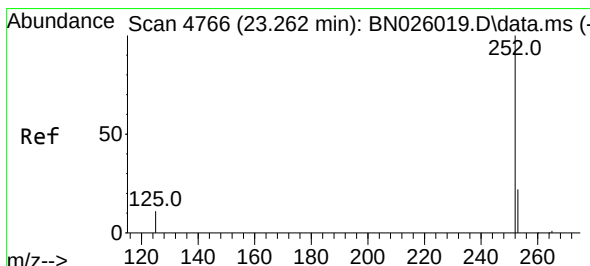
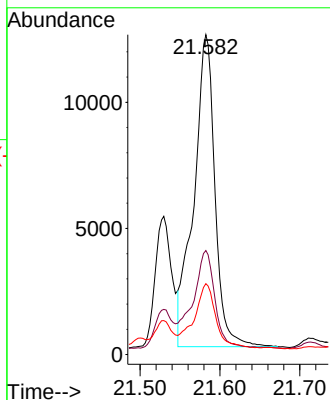
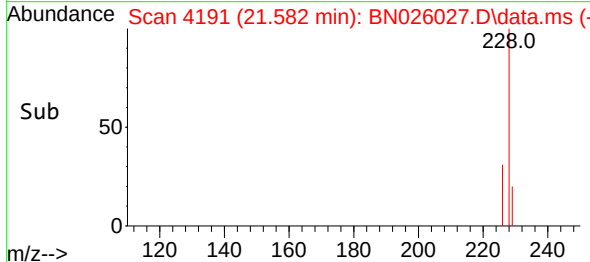
Instrument :
BNA_N
ClientSampleId :
DCFQ1DL



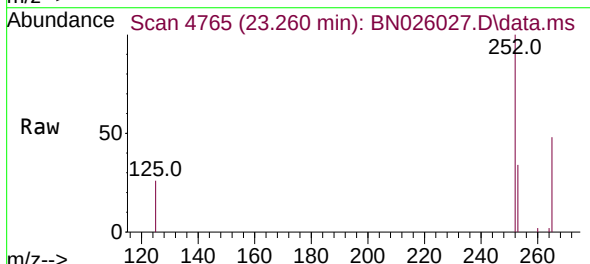
Tgt Ion:228 Resp: 22731
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 22.2 15.7 23.5

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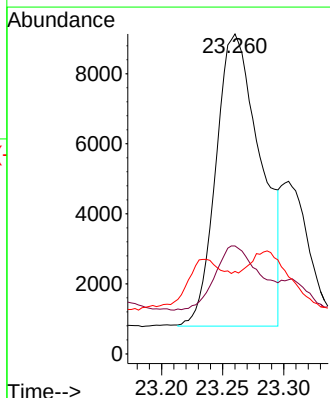
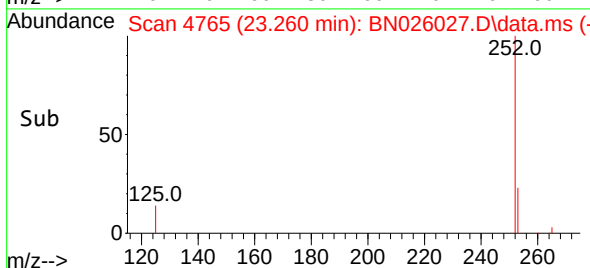
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

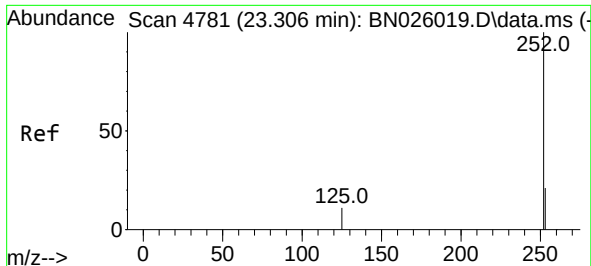


#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul m
RT: 23.260 min Scan# 4765
Delta R.T. 0.004 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09



Tgt Ion:252 Resp: 21161
Ion Ratio Lower Upper
252 100
253 33.7 0.0 55.6
125 25.8 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.110 ng/ul m

RT: 23.304 min Scan# 4

Delta R.T. -0.005 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

Instrument :

BNA_N

ClientSampleId :

DCFQ1DL

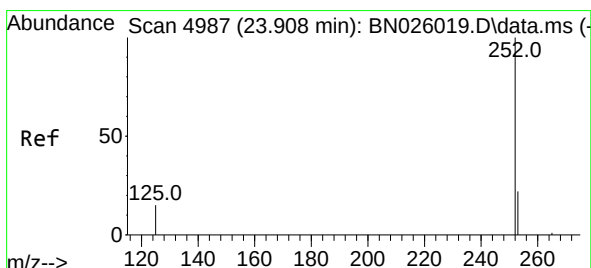
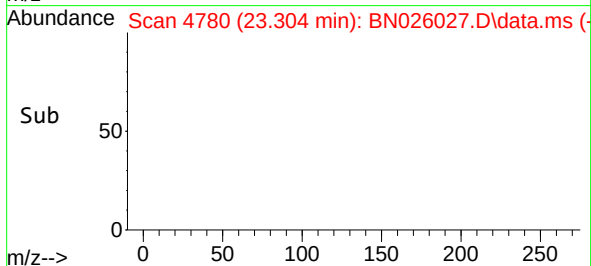
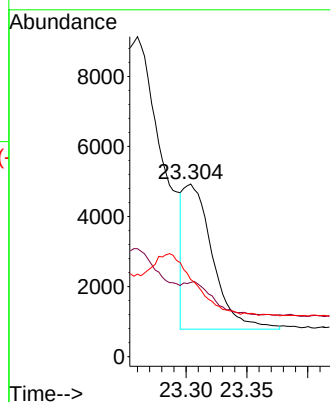
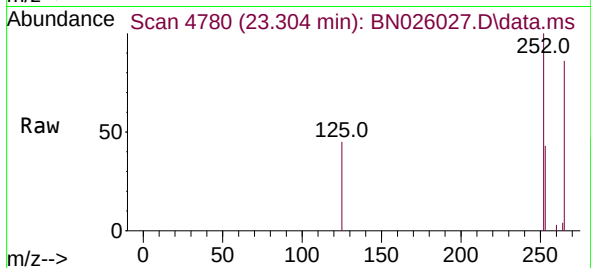
Tgt Ion:252	Resp:	6990
Ion Ratio	Lower	Upper
252	100	
253	43.0	23.2 34.8
125	44.6	15.0 22.4

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Supervised By :mohammad ahmed 06/27/2023



#26

Benzo(a)pyrene

Concen: 0.153 ng/ul

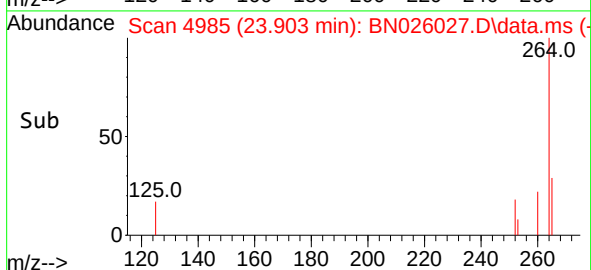
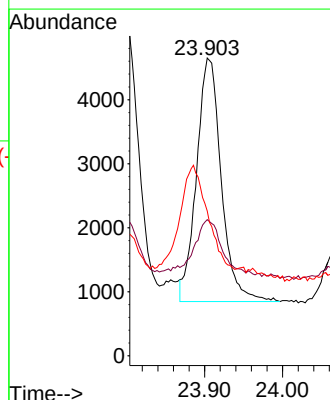
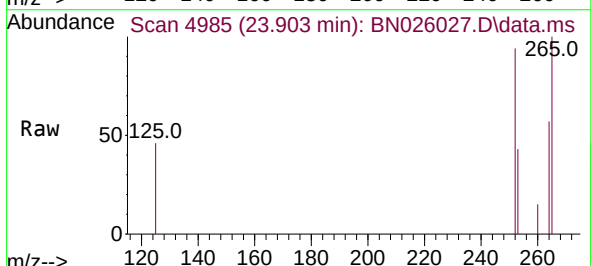
RT: 23.903 min Scan# 4985

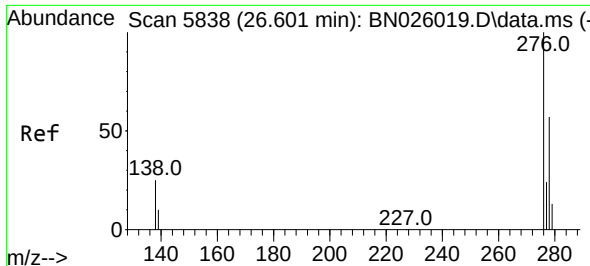
Delta R.T. -0.005 min

Lab File: BN026027.D

Acq: 26 Jun 2023 15:09

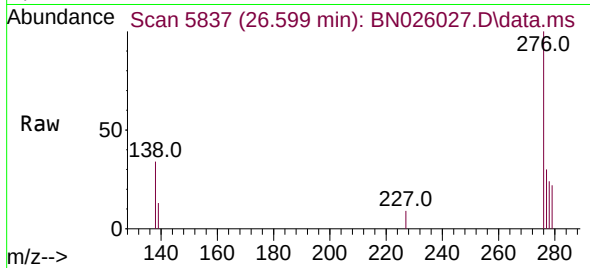
Tgt Ion:252	Resp:	8394
Ion Ratio	Lower	Upper
252	100	
253	45.7	26.0 39.0
125	48.6	17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 26.599 min Scan# 5838
Delta R.T. 0.004 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09

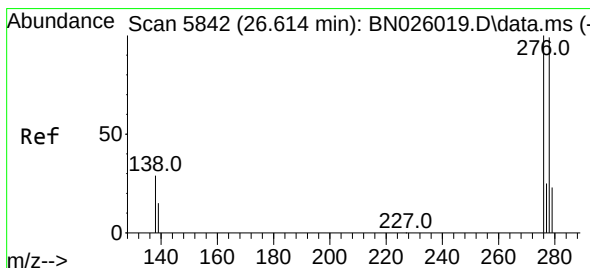
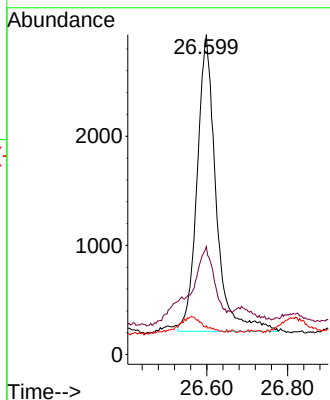
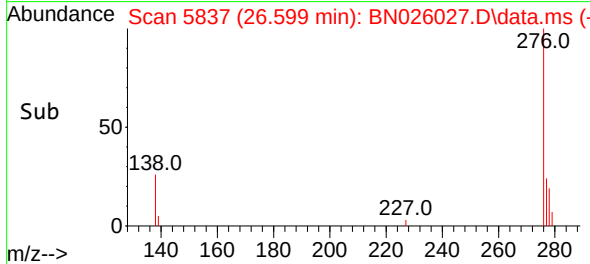
Instrument :
BNA_N
ClientSampleId :
DCFQ1DL



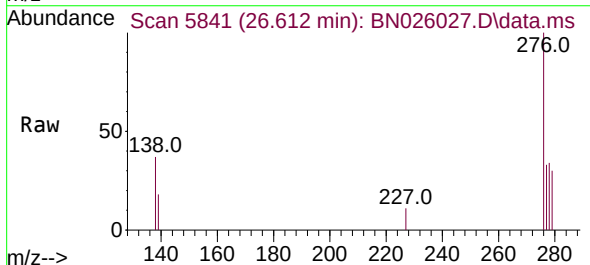
Tgt Ion:276 Resp: 8832
Ion Ratio Lower Upper
276 100
138 26.1 24.5 36.7
227 0.0 0.0 0.0

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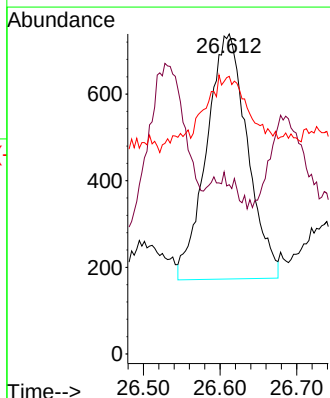
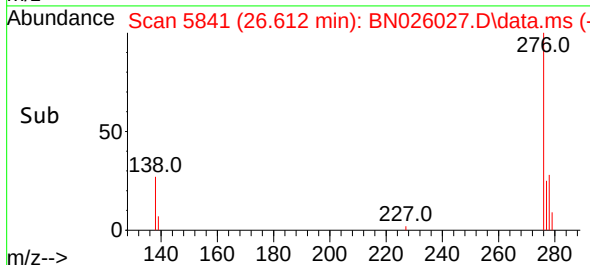
Reviewed By :Yogesh Patel 06/27/2023
Supervised By :mohammad ahmed 06/27/2023

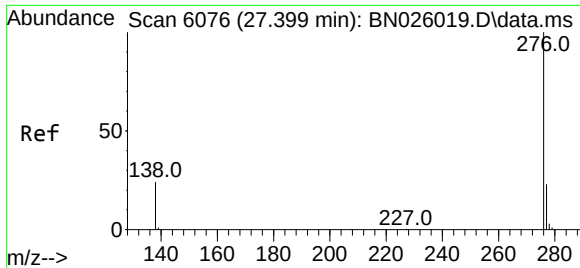


#28
Dibenzo(a,h)anthracene
Concen: 0.046 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. -0.009 min
Lab File: BN026027.D
Acq: 26 Jun 2023 15:09



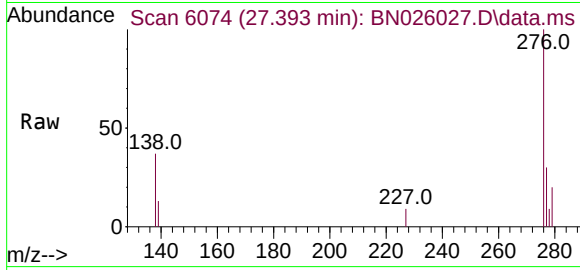
Tgt Ion:278 Resp: 2104
Ion Ratio Lower Upper
278 100
139 52.9 19.0 28.4#
279 86.7 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.152 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN026027.D
 Acq: 26 Jun 2023 15:09

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ1DL



Tgt Ion: 276 Resp: 8104

Ion	Ratio	Lower	Upper
276	100		
138	36.8	23.4	35.0%
277	30.3	20.0	30.0%

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