

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026288.D
 Acq On : 05 Jul 2023 12:24
 Operator : MA/JU
 Sample : 03246-19DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 13:20:23 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	5982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	23629	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.585	164	13085	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	23787	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	13848	0.400	ng/ul	0.00
23) Perylene-d12	23.982	264	15410	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5220	0.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	1385	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.364	212	2497	0.047	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.307	152	1229	0.020	ng/ul#	69
15) Phenanthrene	17.377	178	8827	0.112	ng/ul	96
16) Anthracene	17.470	178	1833	0.026	ng/ul#	68
19) Fluoranthene	19.397	202	30325	0.410	ng/ul	99
20) Pyrene	19.759	202	26292	0.342	ng/ul	97
21) Benzo(a)anthracene	21.515	228	12322m	0.216	ng/ul	
22) Chrysene	21.571	228	17968	0.302	ng/ul	95
24) Benzo(b)fluoranthene	23.237	252	29466m	0.448	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	10141m	0.154	ng/ul	
26) Benzo(a)pyrene	23.874	252	16616	0.291	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.542	276	15843	0.254	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.548	278	3406	0.072	ng/ul#	38
29) Benzo(g,h,i)perylene	27.340	276	13760	0.248	ng/ul	94

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

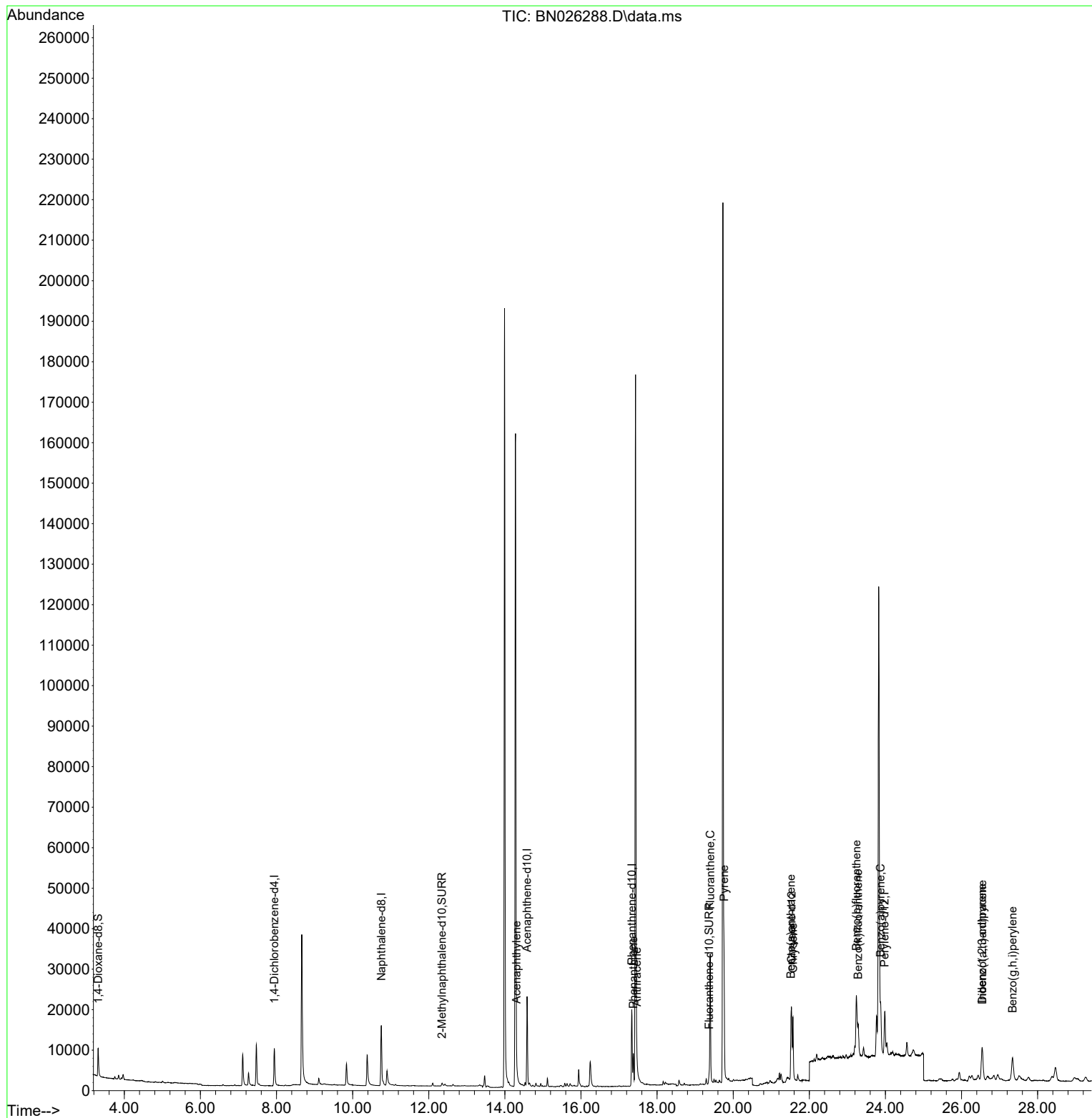
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026288.D
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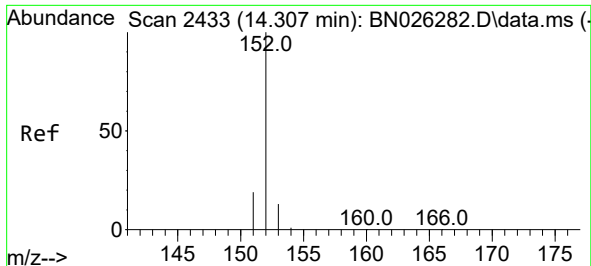
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Quant Time: Jul 05 13:20:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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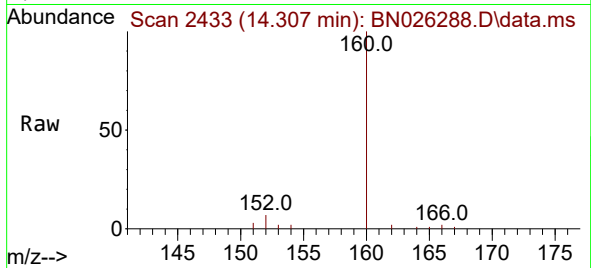
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24

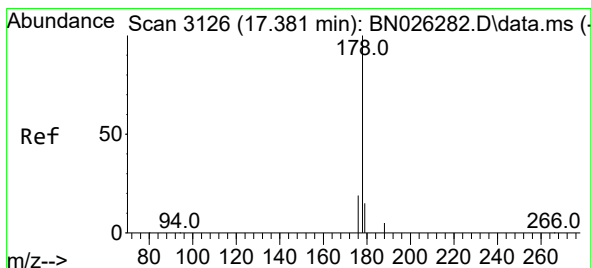
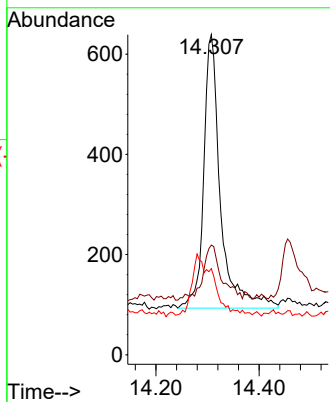
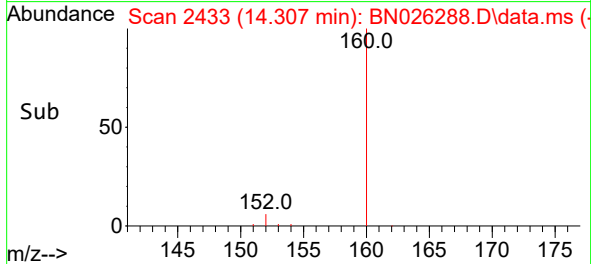
Instrument :
BNA_N
ClientSampleId :
DCGK6DL



Tgt Ion:152 Resp: 1229
Ion Ratio Lower Upper
152 100
151 34.3 16.2 24.4
153 26.9 10.9 16.3

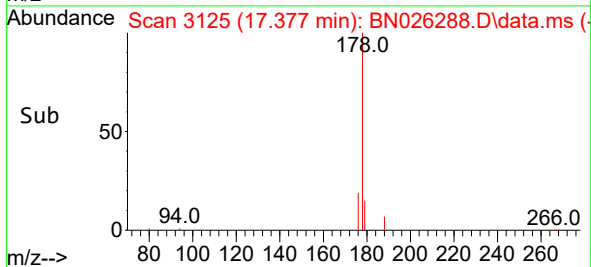
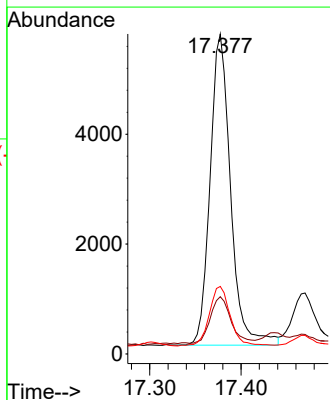
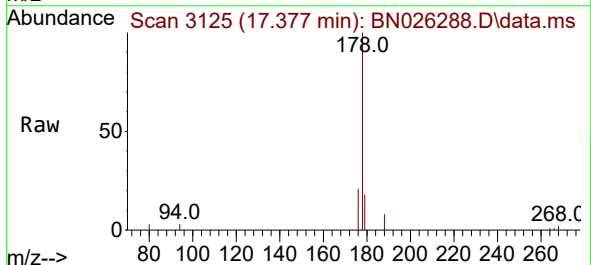
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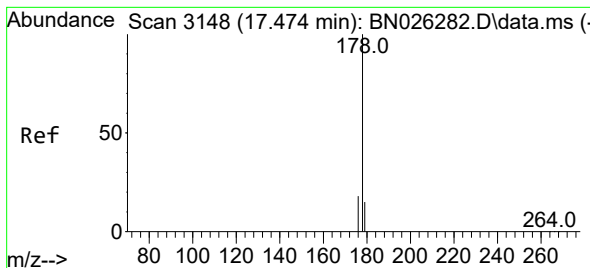
Reviewed By :Yogesh Patel 07/05/2023
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#15
Phenanthrene
Concen: 0.112 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. -0.008 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24

Tgt Ion:178 Resp: 8827
Ion Ratio Lower Upper
178 100
179 17.9 12.6 19.0
176 21.1 15.8 23.6





#16

Anthracene

Concen: 0.026 ng/ul

RT: 17.470 min Scan# 3148

Delta R.T. -0.008 min

Lab File: BN026288.D

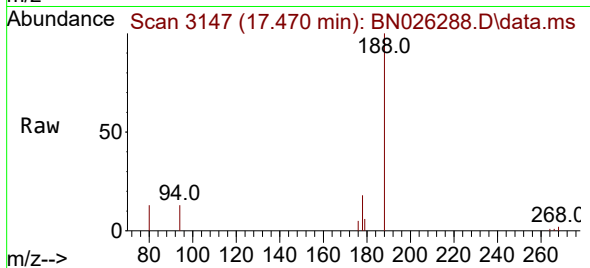
Acq: 05 Jul 2023 12:24

Instrument :

BNA_N

ClientSampleId :

DCGK6DL



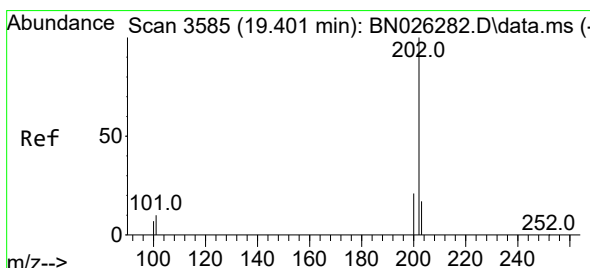
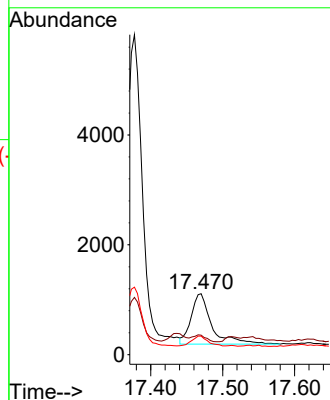
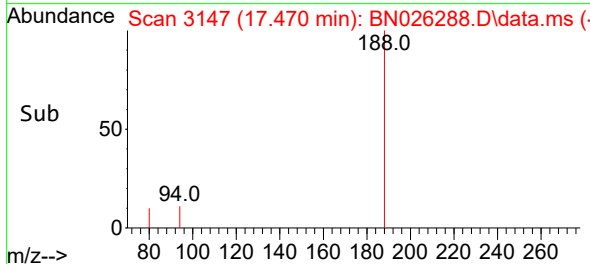
Tgt Ion:	178	Resp:	183
Ion Ratio	Lower	Upper	
178	100		
179	32.1	12.6	18.8
176	30.4	15.1	22.7

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#19

Fluoranthene

Concen: 0.410 ng/ul

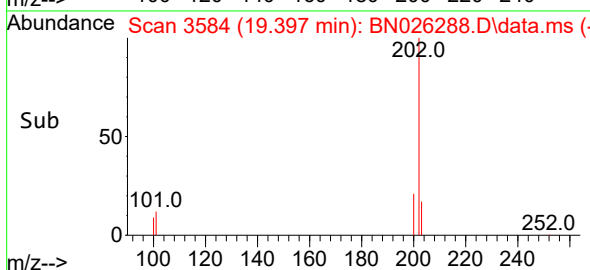
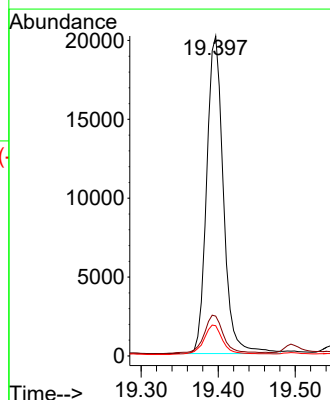
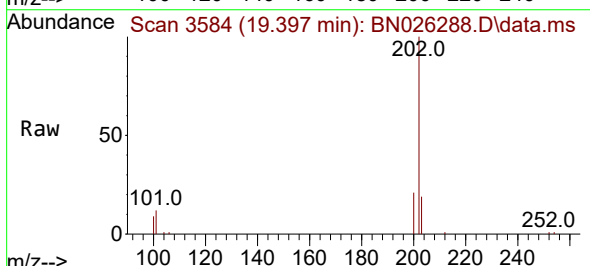
RT: 19.397 min Scan# 3584

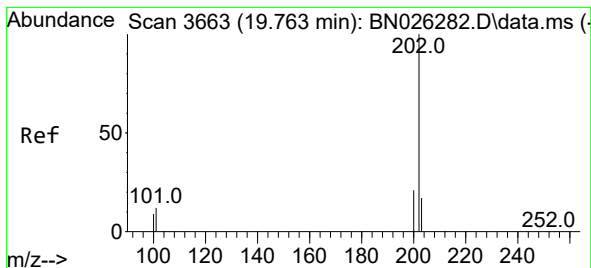
Delta R.T. -0.005 min

Lab File: BN026288.D

Acq: 05 Jul 2023 12:24

Tgt Ion:	202	Resp:	30325
Ion Ratio	Lower	Upper	
202	100		
101	12.5	9.5	14.3
100	9.4	7.3	10.9





#20

Pyrene

Concen: 0.342 ng/ul

RT: 19.759 min Scan# 3662

Delta R.T. -0.005 min

Lab File: BN026288.D

Acq: 05 Jul 2023 12:24

Instrument :

BNA_N

ClientSampleId :

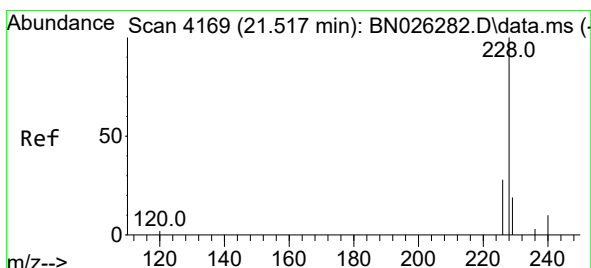
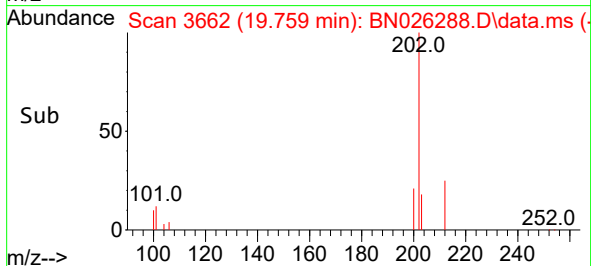
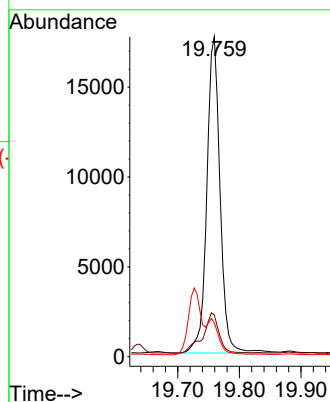
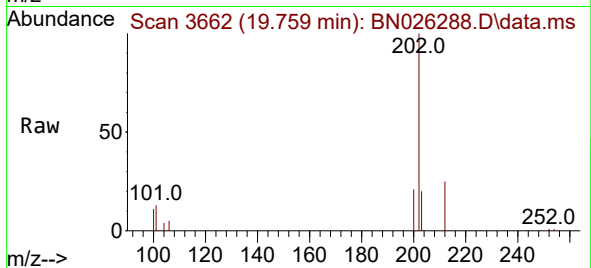
DCGK6DL

Tgt Ion:	202	Resp:	2629
Ion Ratio	Lower	Upper	
202	100		
101	13.1	11.4	17.0
100	10.6	9.1	13.7

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#21

Benzo(a)anthracene

Concen: 0.216 ng/ul m

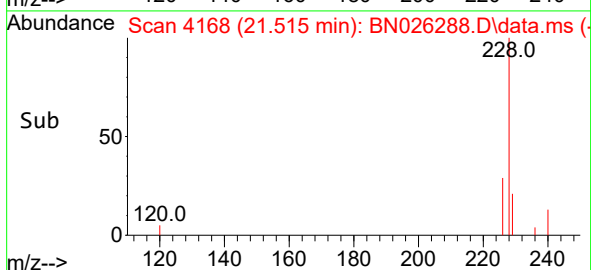
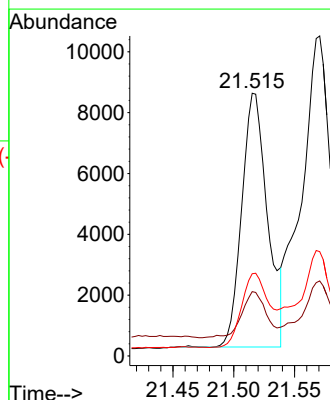
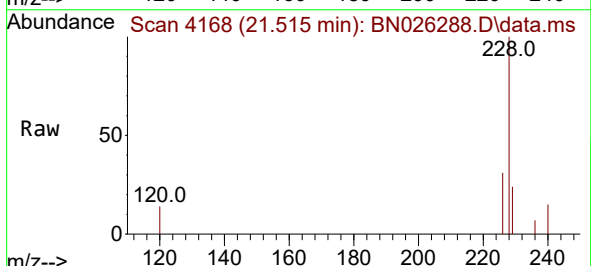
RT: 21.515 min Scan# 4168

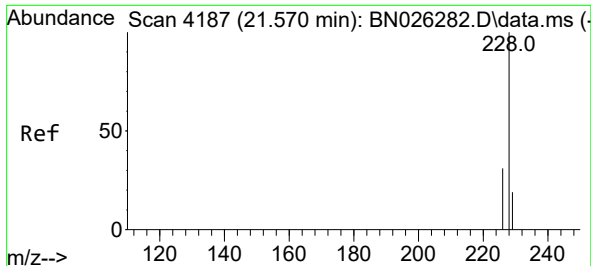
Delta R.T. 0.000 min

Lab File: BN026288.D

Acq: 05 Jul 2023 12:24

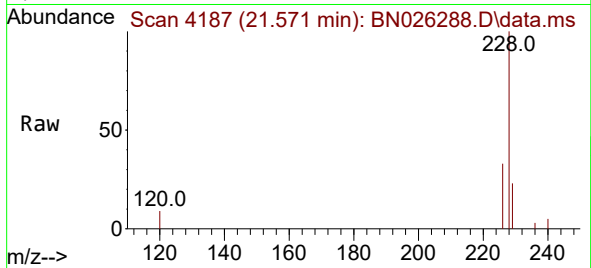
Tgt Ion:	228	Resp:	12322
Ion Ratio	Lower	Upper	
228	100		
229	24.5	15.8	23.6
226	31.3	22.5	33.7





#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24

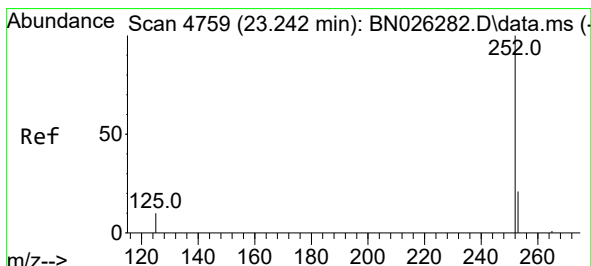
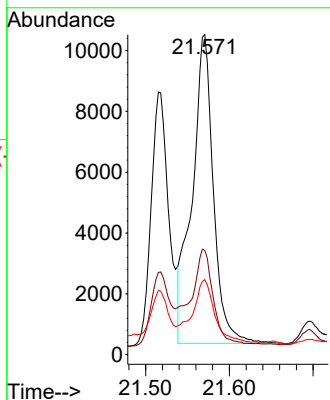
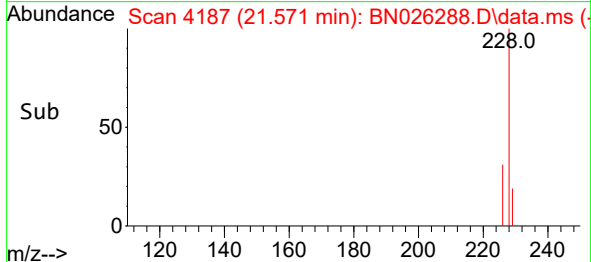
Instrument :
BNA_N
ClientSampleId :
DCGK6DL



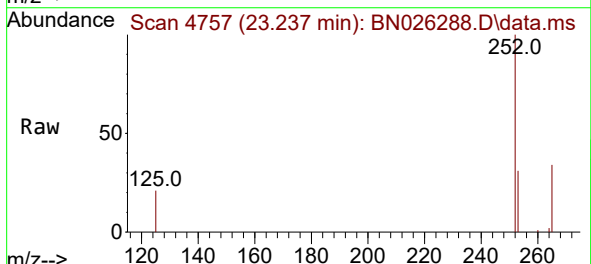
Tgt Ion:228 Resp: 17968
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 23.4 15.7 23.5

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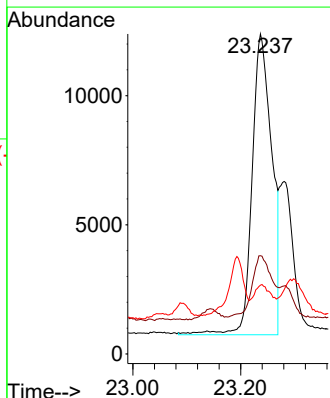
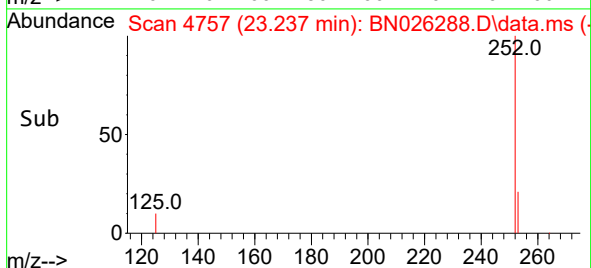
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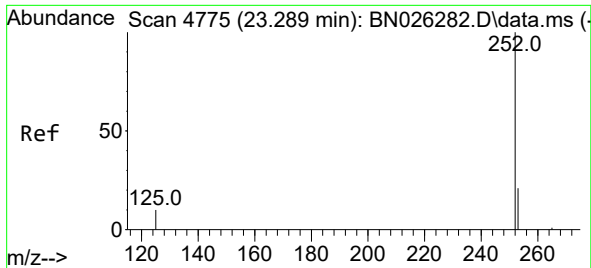


#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul m
RT: 23.237 min Scan# 4757
Delta R.T. -0.009 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24



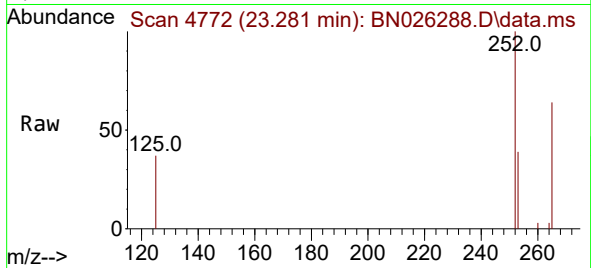
Tgt Ion:252 Resp: 29466
Ion Ratio Lower Upper
252 100
253 30.7 0.0 55.6
125 21.5 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.154 ng/ul m
RT: 23.281 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24

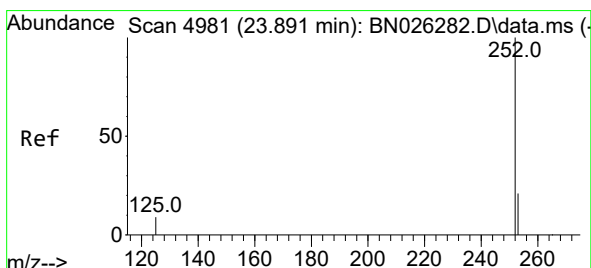
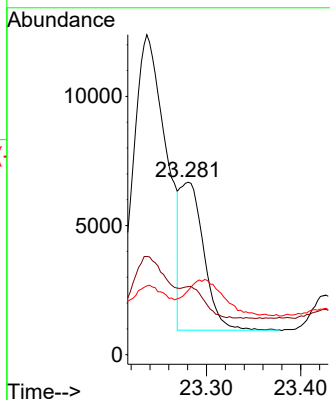
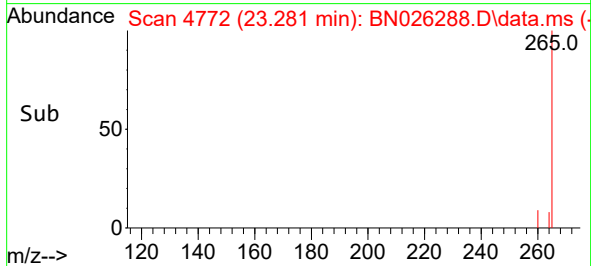
Instrument :
BNA_N
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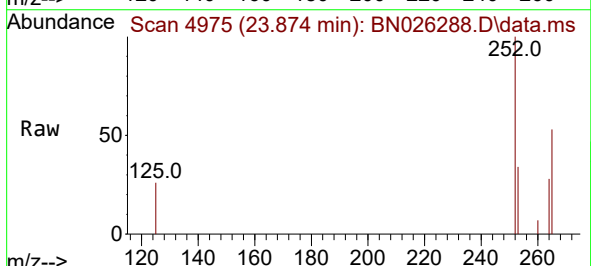
Tgt Ion:252 Resp: 1014
Ion Ratio Lower Upper
252 100
253 39.4 23.2 34.8
125 37.2 15.0 22.4

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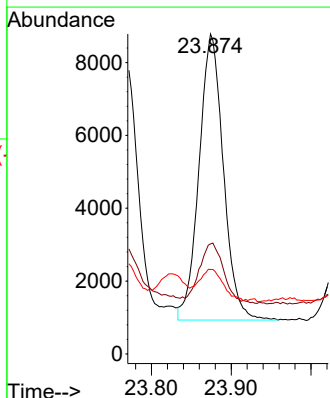
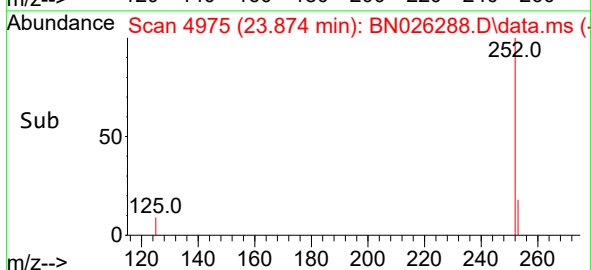
Reviewed By :Yogesh Patel 07/05/2023
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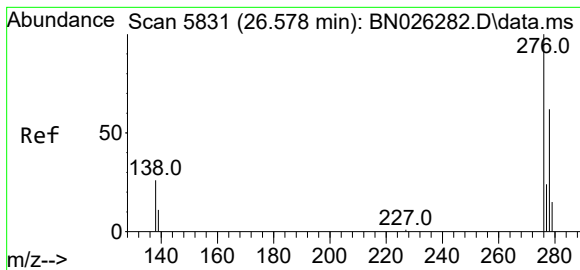


#26
Benzo(a)pyrene
Concen: 0.291 ng/ul
RT: 23.874 min Scan# 4975
Delta R.T. -0.015 min
Lab File: BN026288.D
Acq: 05 Jul 2023 12:24



Tgt Ion:252 Resp: 16616
Ion Ratio Lower Upper
252 100
253 34.4 26.0 39.0
125 26.4 17.3 25.9





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.254 ng/ul
 RT: 26.542 min Scan# 5820
 Delta R.T. -0.040 min
 Lab File: BN026288.D
 Acq: 05 Jul 2023 12:24

Instrument :

BNA_N

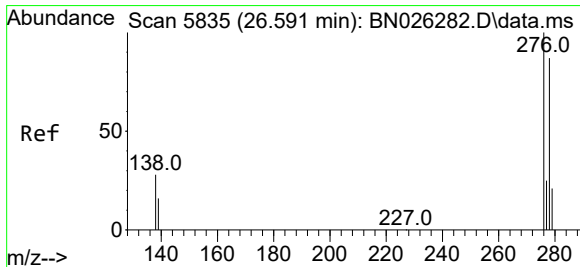
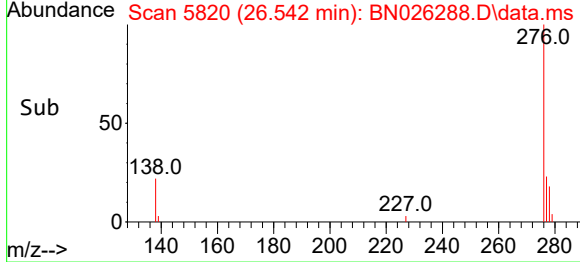
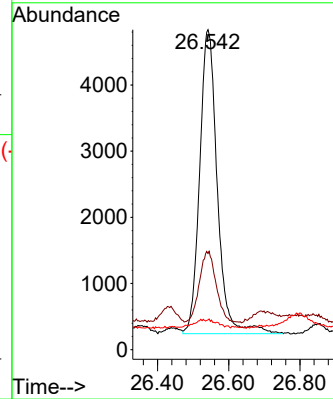
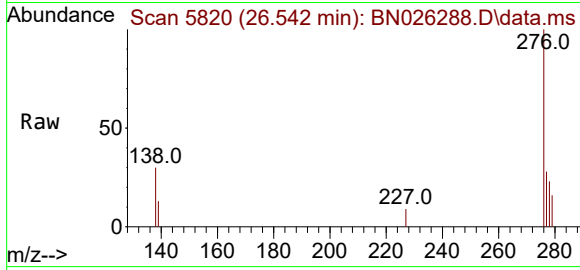
ClientSampleId :

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Tgt Ion:276 Resp: 1584
 Ion Ratio Lower Upper
 276 100
 138 22.5 24.5 36.7
 227 3.2 0.0 0.0

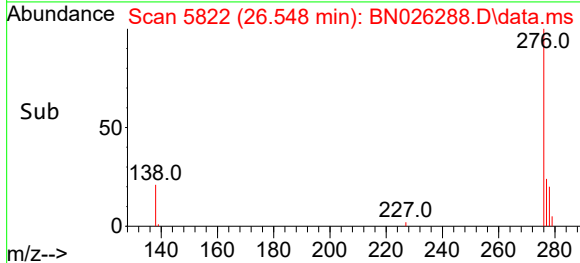
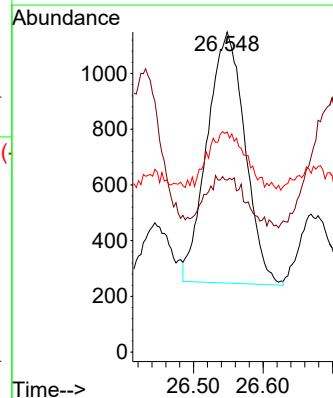
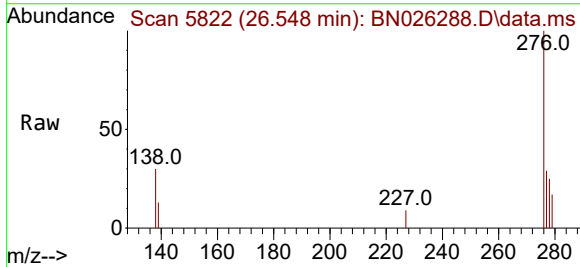
Manual Integrations
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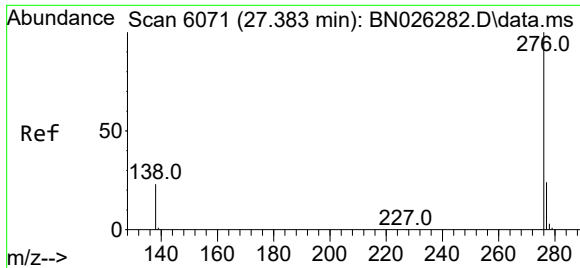
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.072 ng/ul
 RT: 26.548 min Scan# 5822
 Delta R.T. -0.047 min
 Lab File: BN026288.D
 Acq: 05 Jul 2023 12:24

Tgt Ion:278 Resp: 3406
 Ion Ratio Lower Upper
 278 100
 139 53.7 19.0 28.4#
 279 68.8 26.7 40.1#





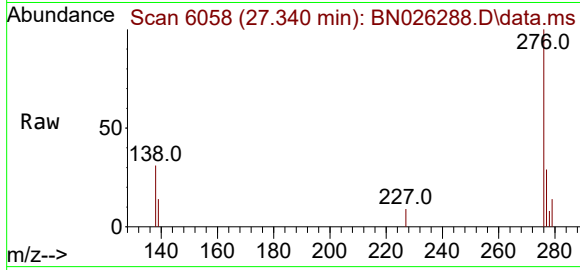
#29
 Benzo(g,h,i)perylene
 Concen: 0.248 ng/ul
 RT: 27.340 min Scan# 6058
 Delta R.T. -0.040 min
 Lab File: BN026288.D
 Acq: 05 Jul 2023 12:24

Instrument :

BNA_N

ClientSampleId :

DCGK6DL



Tgt Ion: 276 Resp: 13760

Ion	Ratio	Lower	Upper
276	100		
138	31.5	23.4	35.0
277	29.4	20.0	30.0

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