

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026157.D
 Acq On : 01 Jul 2023 18:28
 Operator : MA/JU
 Sample : 03239-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:36:09 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	29805	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	16496	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	29782	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	16352	0.400	ng/ul	0.00
23) Perylene-d12	23.983	264	17349	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2355	0.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	1191	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	2063	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.662	153	1287	0.020	ng/ul	96
15) Phenanthrene	17.389	178	23289	0.237	ng/ul	100
16) Anthracene	17.481	178	5118	0.059	ng/ul#	89
19) Fluoranthene	19.404	202	56175	0.643	ng/ul	99
20) Pyrene	19.767	202	43575	0.480	ng/ul	97
21) Benzo(a)anthracene	21.516	228	19133	0.284	ng/ul	96
22) Chrysene	21.569	228	21808	0.311	ng/ul#	94
24) Benzo(b)fluoranthene	23.235	252	31965m	0.432	ng/ul	
25) Benzo(k)fluoranthene	23.276	252	11033m	0.148	ng/ul	
26) Benzo(a)pyrene	23.872	252	16861	0.262	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.540	276	14950	0.213	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.553	278	3789	0.071	ng/ul#	48
29) Benzo(g,h,i)perylene	27.335	276	3138	0.050	ng/ul#	58

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

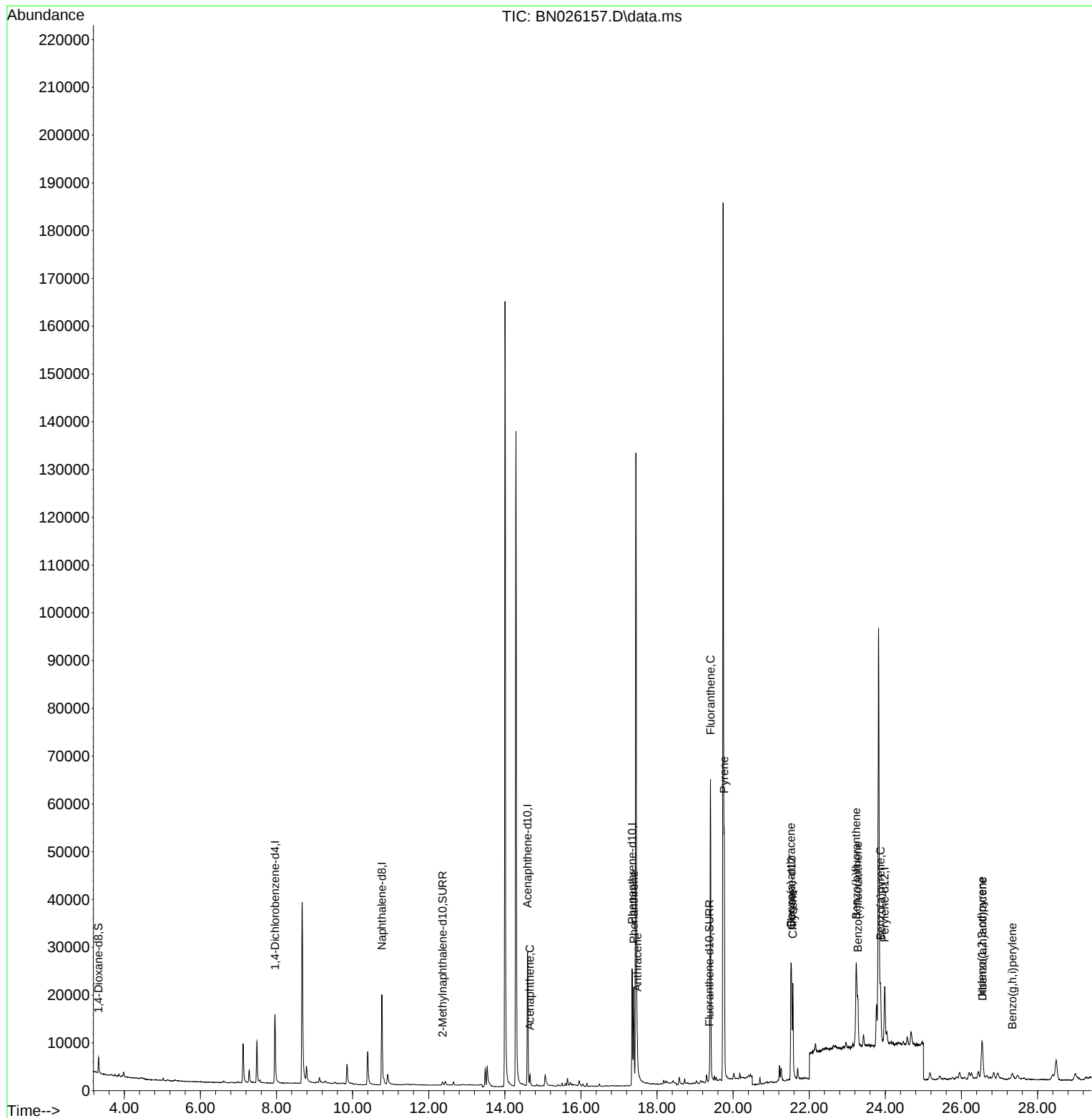
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026157.D
Acq On : 01 Jul 2023 18:28
Operator : MA/JU
Sample : 03239-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

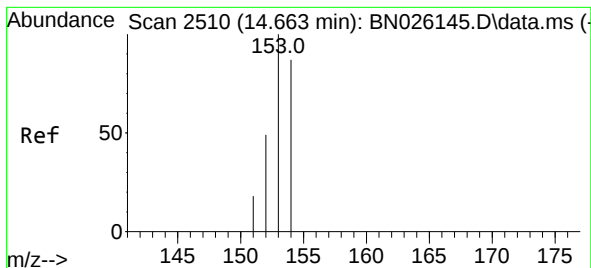
Instrument :
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DCFY5DL

Quant Time: Jul 01 22:36:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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#11

Acenaphthene

Concen: 0.020 ng/ul

RT: 14.662 min Scan# 2510

Delta R.T. -0.006 min

Lab File: BN026157.D

Acq: 01 Jul 2023 18:28

Instrument :

BNA_N

ClientSampleId :

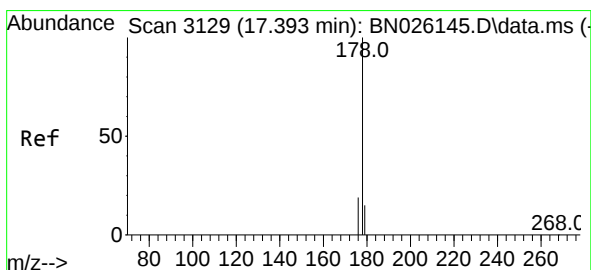
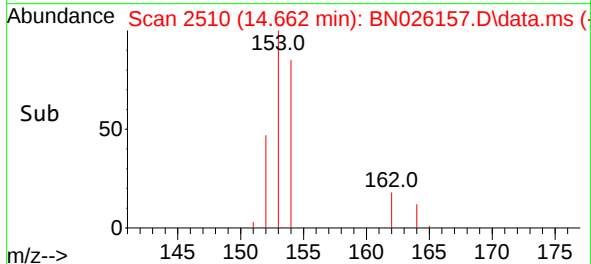
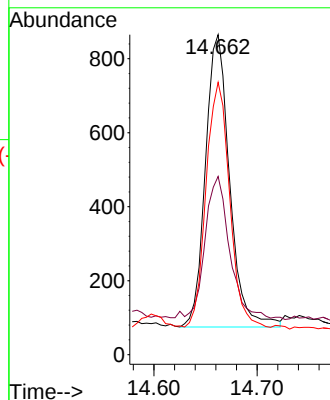
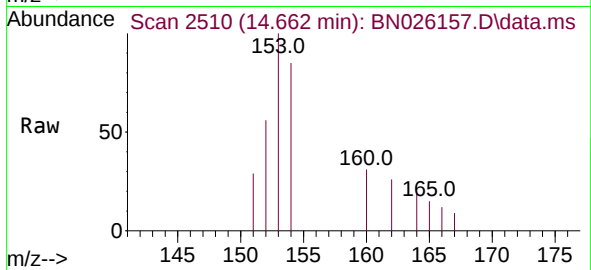
DCFY5DL

Tgt Ion:	153	Resp:	128
Ion Ratio	Lower	Upper	
153	100		
152	55.7	39.4	59.0
154	85.1	68.9	103.3

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#15

Phenanthrene

Concen: 0.237 ng/ul

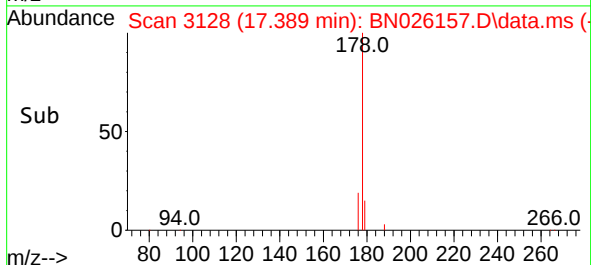
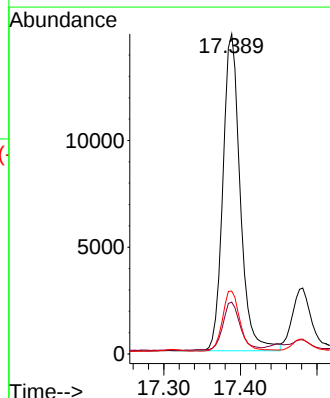
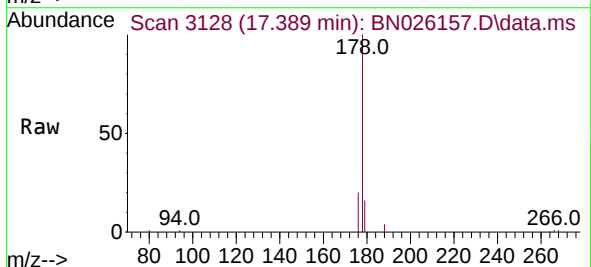
RT: 17.389 min Scan# 3128

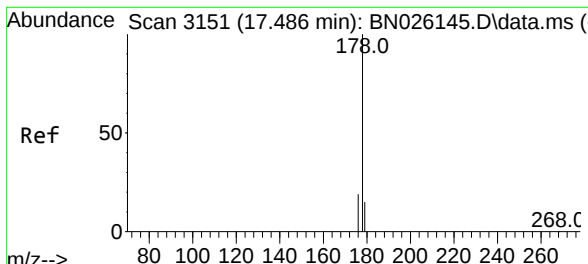
Delta R.T. -0.005 min

Lab File: BN026157.D

Acq: 01 Jul 2023 18:28

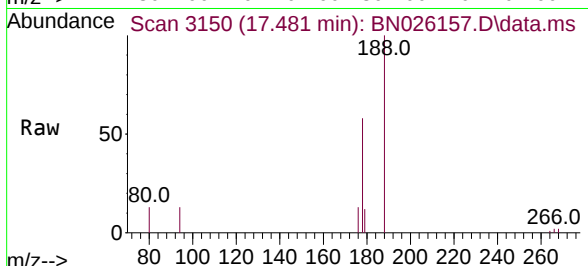
Tgt Ion:	178	Resp:	23289
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.6	19.0
176	19.6	15.8	23.6





#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.481 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BN026157.D
 Acq: 01 Jul 2023 18:28

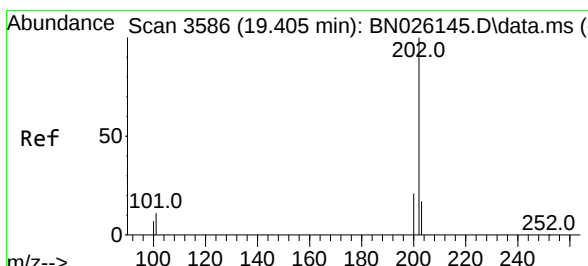
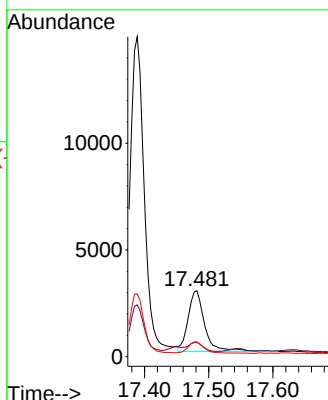
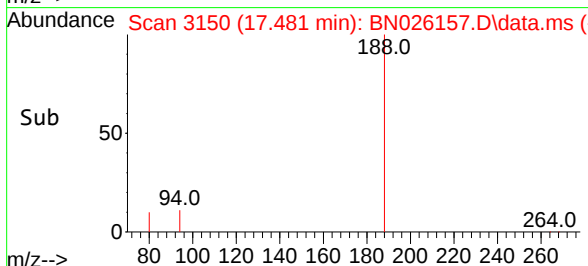
Instrument :
 BNA_N
 ClientSampleId :
 DCFY5DL



Tgt Ion:178 Resp: 5118
 Ion Ratio Lower Upper
 178 100
 179 21.4 12.6 18.8
 176 22.5 15.1 22.7

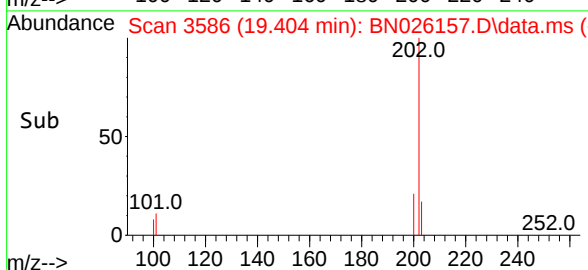
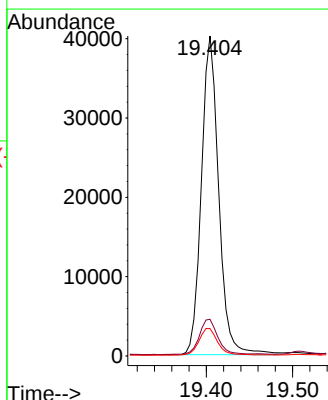
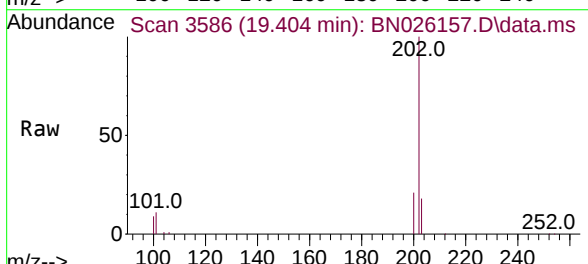
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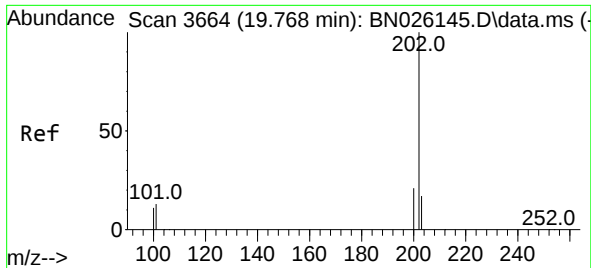
Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#19
 Fluoranthene
 Concen: 0.643 ng/ul
 RT: 19.404 min Scan# 3586
 Delta R.T. -0.006 min
 Lab File: BN026157.D
 Acq: 01 Jul 2023 18:28

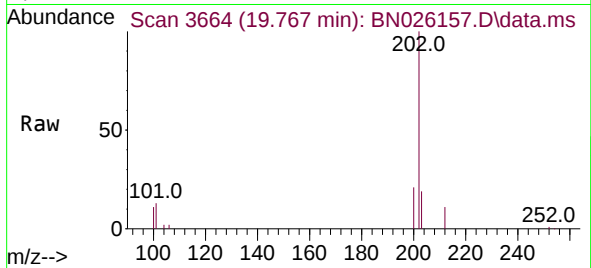
Tgt Ion:202 Resp: 56175
 Ion Ratio Lower Upper
 202 100
 101 11.4 9.5 14.3
 100 8.6 7.3 10.9





#20
Pyrene
Concen: 0.480 ng/ul
RT: 19.767 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28

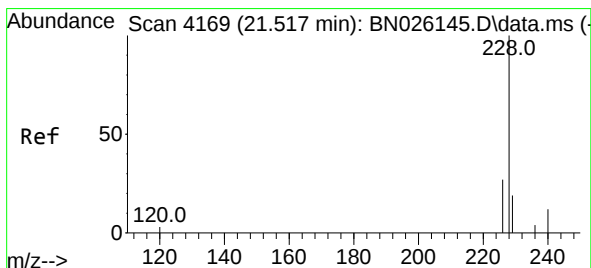
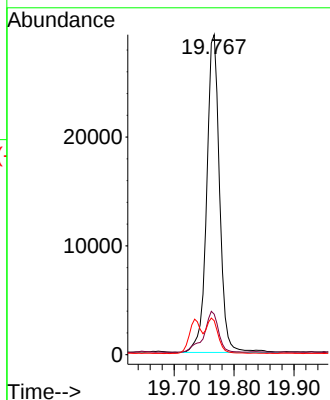
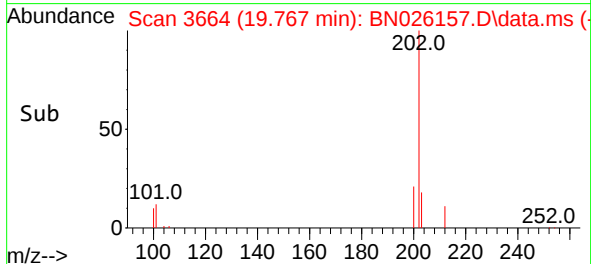
Instrument :
BNA_N
ClientSampleId :
DCFY5DL



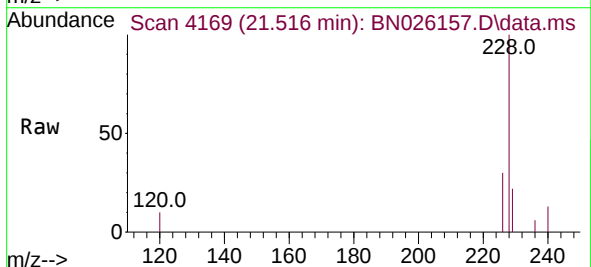
Tgt Ion:202 Resp: 4357
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.6 9.1 13.7

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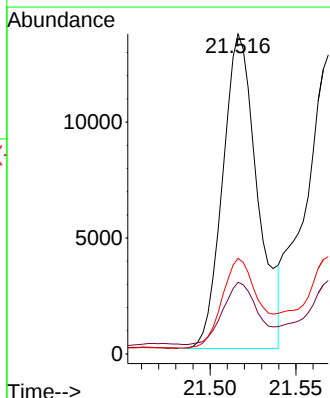
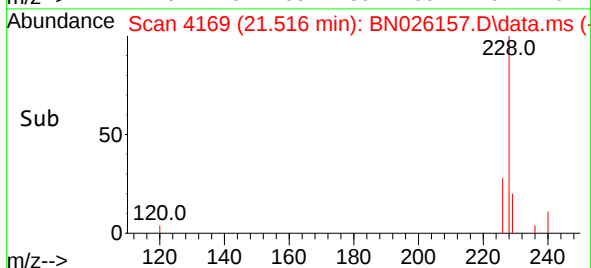
Reviewed By :Yogesh Patel 07/02/2023
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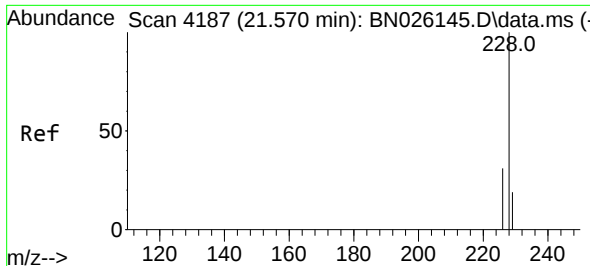


#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.516 min Scan# 4169
Delta R.T. -0.010 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28



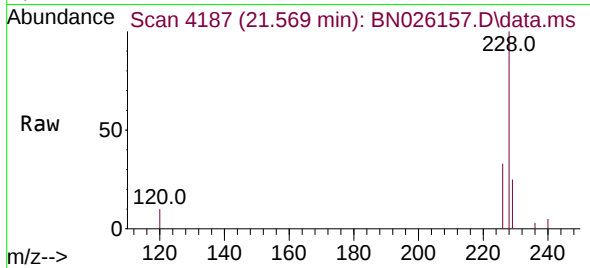
Tgt Ion:228 Resp: 19133
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 29.9 22.5 33.7





#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28

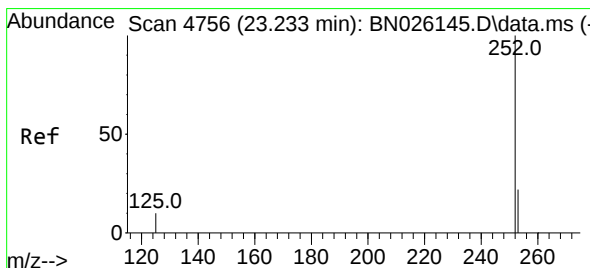
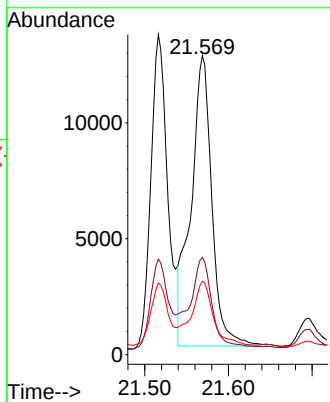
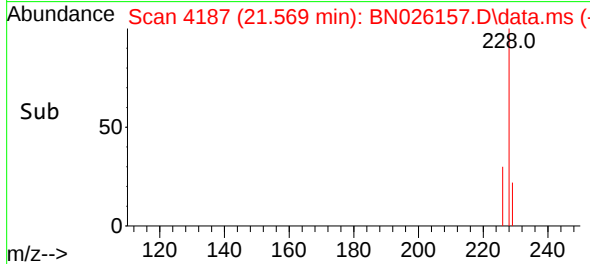
Instrument :
BNA_N
ClientSampleId :
DCFY5DL



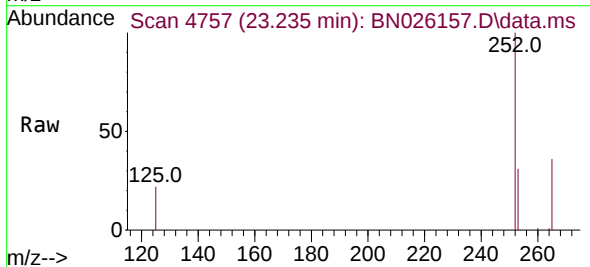
Tgt Ion:228 Resp: 21808
Ion Ratio Lower Upper
228 100
226 32.6 24.8 37.2
229 24.6 15.7 23.5

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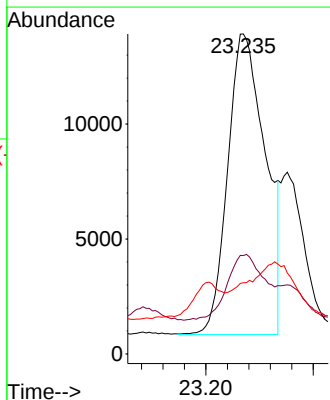
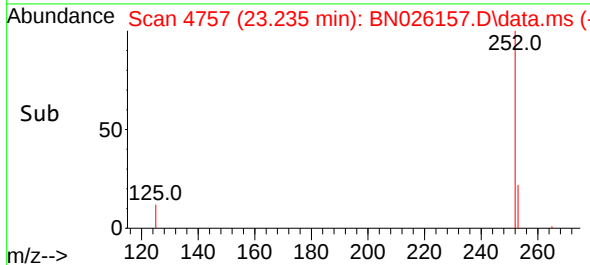
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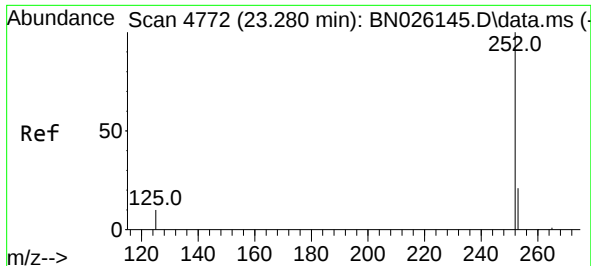


#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul m
RT: 23.235 min Scan# 4757
Delta R.T. -0.008 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28



Tgt Ion:252 Resp: 31965
Ion Ratio Lower Upper
252 100
253 30.8 0.0 55.6
125 22.3 0.0 35.8





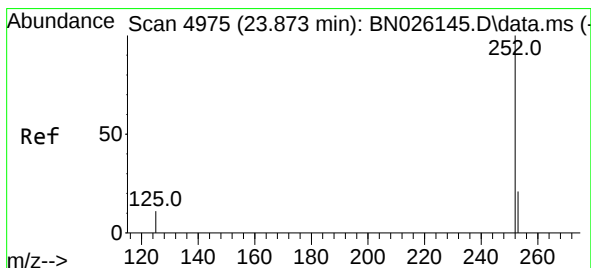
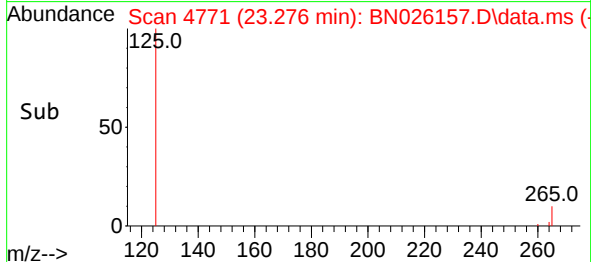
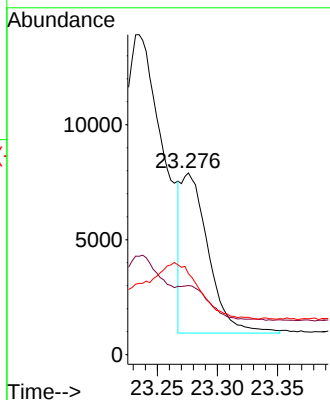
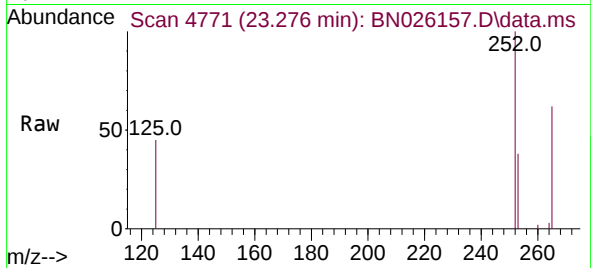
#25
Benzo(k)fluoranthene
Concen: 0.148 ng/ul m
RT: 23.276 min Scan# 4771
Delta R.T. -0.016 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28

Instrument :
BNA_N
ClientSampleId :
DCFY5DL

Tgt Ion:252 Resp: 1103
Ion Ratio Lower Upper
252 100
253 38.0 23.2 34.8
125 44.6 15.0 22.4

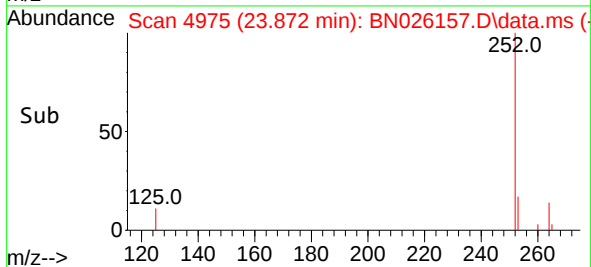
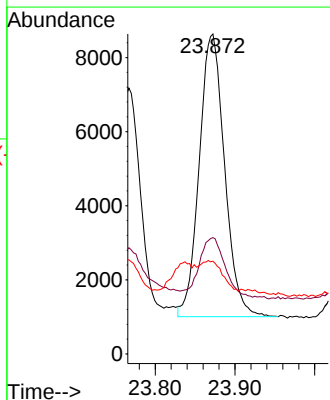
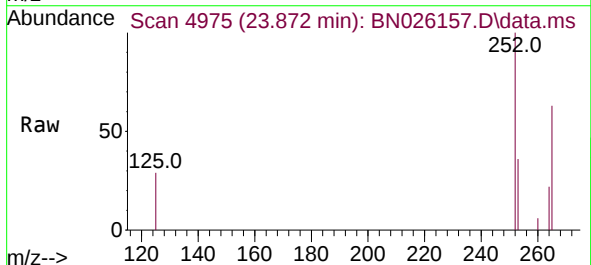
Manual Integrations
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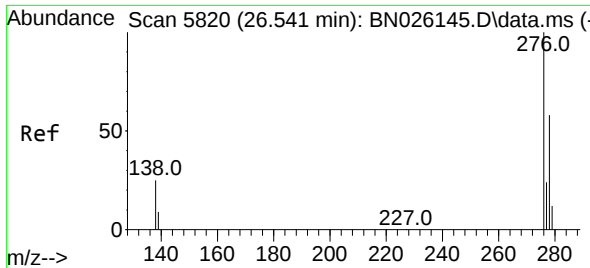
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.872 min Scan# 4975
Delta R.T. -0.013 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28

Tgt Ion:252 Resp: 16861
Ion Ratio Lower Upper
252 100
253 36.3 26.0 39.0
125 29.0 17.3 25.9





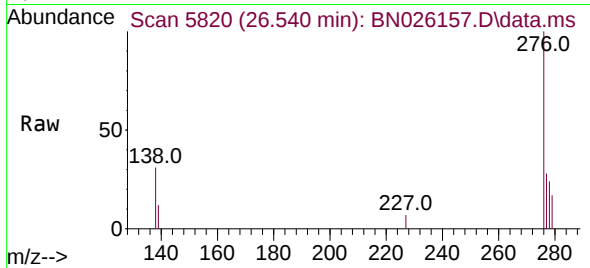
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 26.540 min Scan# 5820
Delta R.T. -0.018 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28

Instrument :

BNA_N

ClientSampleId :

DCFY5DL

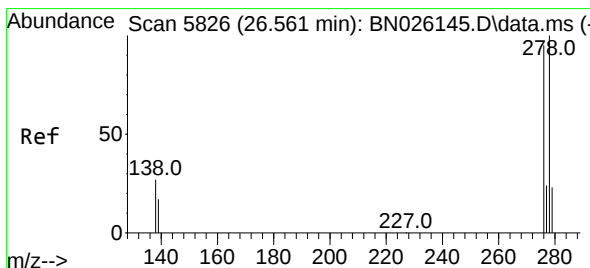
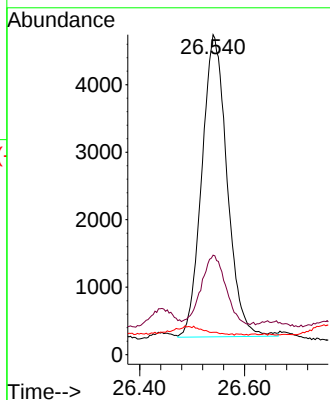
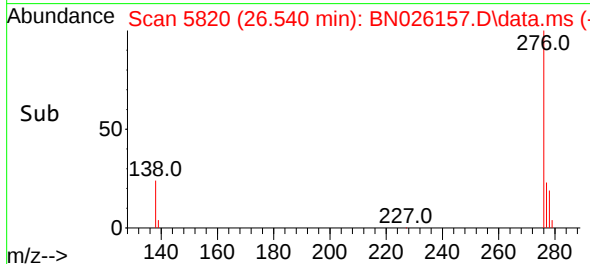


Tgt Ion:276 Resp: 14950
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7#
227 0.0 0.0 0.0

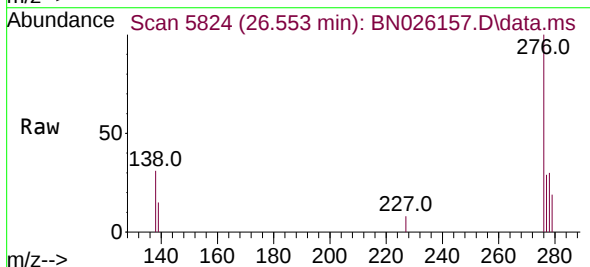
Manual Integrations

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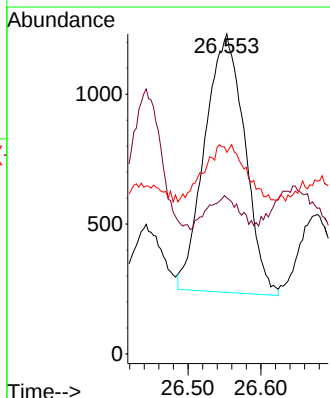
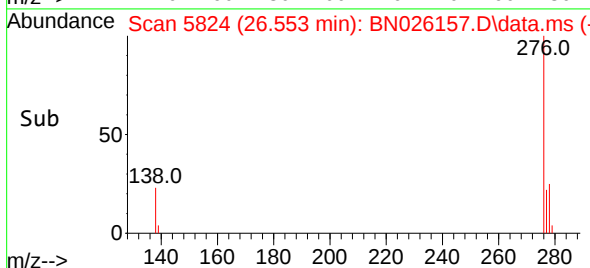
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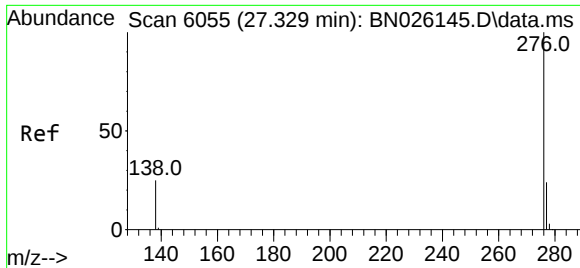


#28
Dibenzo(a,h)anthracene
Concen: 0.071 ng/ul
RT: 26.553 min Scan# 5824
Delta R.T. -0.025 min
Lab File: BN026157.D
Acq: 01 Jul 2023 18:28



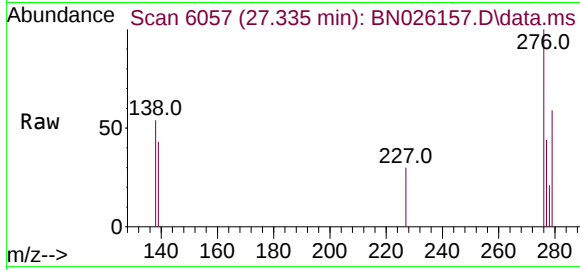
Tgt Ion:278 Resp: 3789
Ion Ratio Lower Upper
278 100
139 48.8 19.0 28.4#
279 63.0 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.050 ng/ul
 RT: 27.335 min Scan# 6057
 Delta R.T. -0.012 min
 Lab File: BN026157.D
 Acq: 01 Jul 2023 18:28

Instrument :
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Tgt Ion: 276 Resp: 3138

Ion	Ratio	Lower	Upper
276	100		
138	54.0	23.4	35.0
277	43.6	20.0	30.0

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