

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026132.D
 Acq On : 30 Jun 2023 16:18
 Operator : MA/JU
 Sample : 03143-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFU6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:56:04 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 Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8498	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.769	136	27613	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.602	164	15920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	32303	0.400	ng/ul	0.00
17) Chrysene-d12	21.545	240	18362	0.400	ng/ul	# 0.00
23) Perylene-d12	24.001	264	18279	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4631	0.484	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.363	152	1541	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	3152	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	1645	0.021	ng/ul#	79
15) Phenanthrene	17.393	178	15125	0.142	ng/ul	98
16) Anthracene	17.486	178	2394	0.025	ng/ul#	79
19) Fluoranthene	19.409	202	40942	0.417	ng/ul	100
20) Pyrene	19.771	202	34926	0.342	ng/ul	100
21) Benzo(a)anthracene	21.528	228	15729	0.208	ng/ul#	89
22) Chrysene	21.580	228	20403	0.259	ng/ul#	86
24) Benzo(b)fluoranthene	23.252	252	31702m	0.406	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	10362m	0.132	ng/ul	
26) Benzo(a)pyrene	23.887	252	19366	0.286	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.563	276	17289	0.234	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.570	278	4269	0.076	ng/ul#	33
29) Benzo(g,h,i)perylene	27.358	276	16181	0.246	ng/ul#	91

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

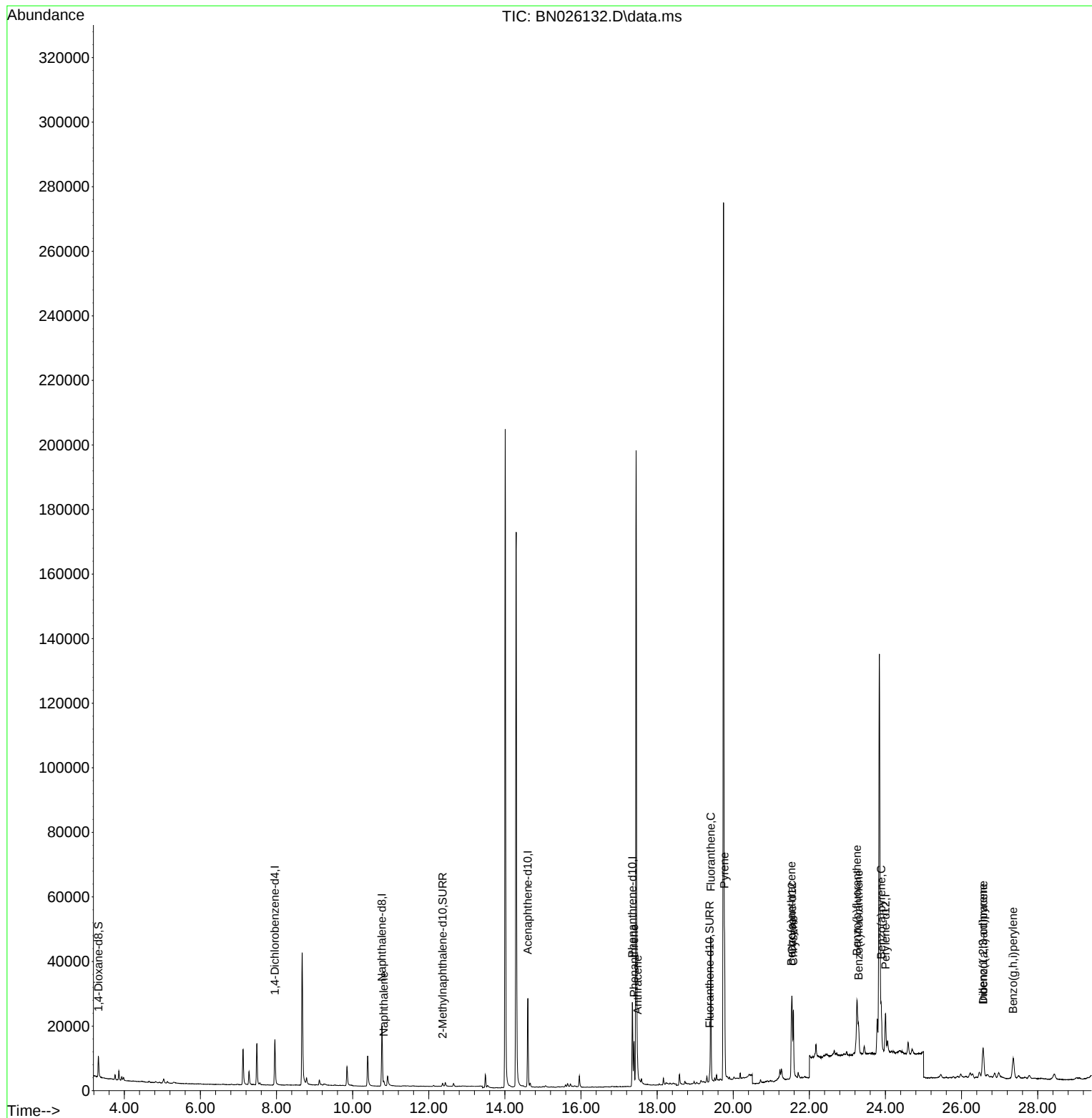
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026132.D
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Operator : MA/JU
Sample : 03143-09DL 5X
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ALS Vial : 14 Sample Multiplier: 1

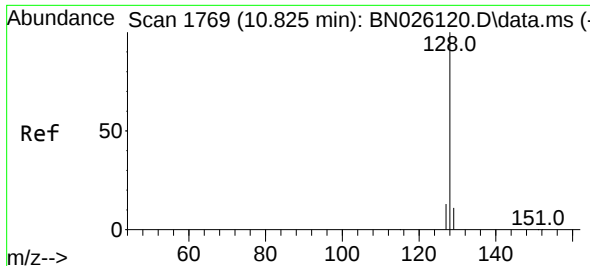
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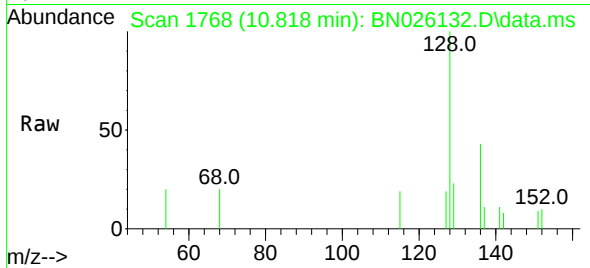
Quant Time: Jul 01 00:56:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.021 ng/uI
RT: 10.818 min Scan# 1768
Delta R.T. -0.018 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

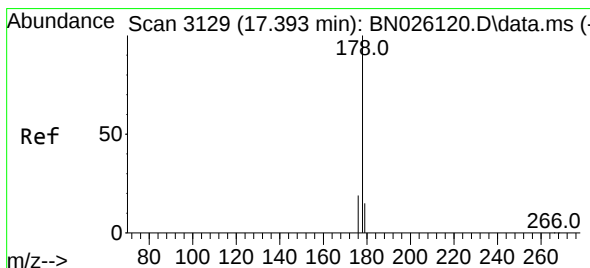
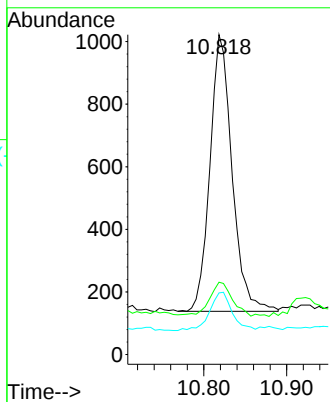
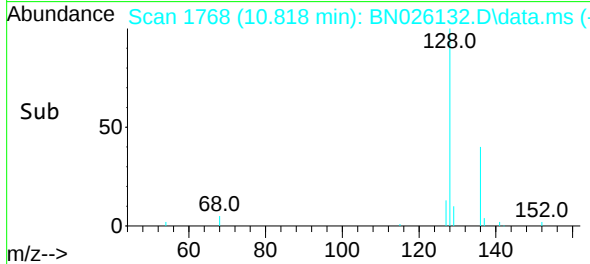
Instrument :
BNA_N
ClientSampleId :
DCFU6DL



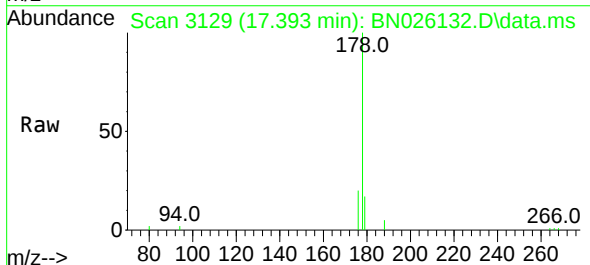
Tgt Ion:128 Resp: 1649
Ion Ratio Lower Upper
128 100
129 22.6 9.1 13.7
127 19.3 10.7 16.1

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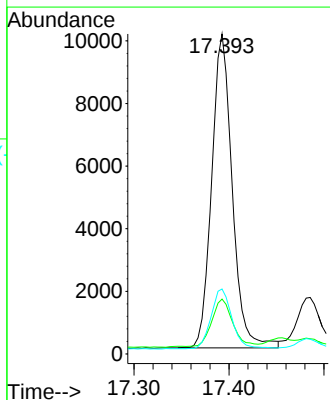
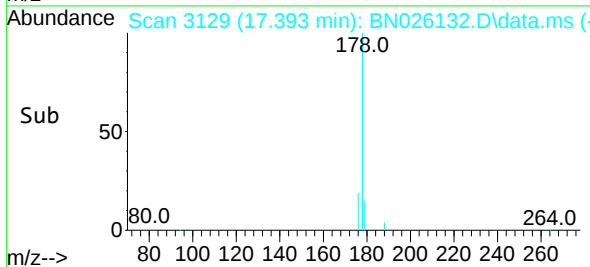
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

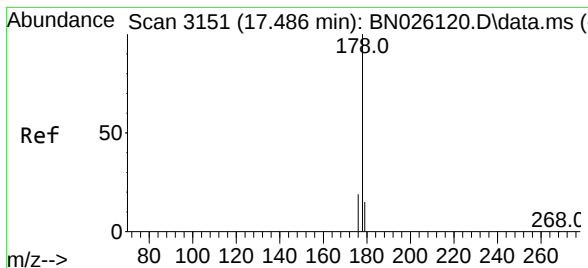


#15
Phenanthrene
Concen: 0.142 ng/uI
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18



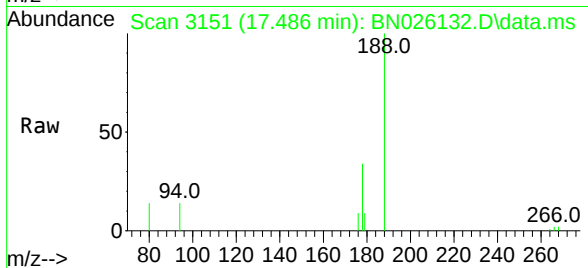
Tgt Ion:178 Resp: 15125
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.3 15.8 23.6





#16
 Anthracene
 Concen: 0.025 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.009 min
 Lab File: BN026132.D
 Acq: 30 Jun 2023 16:18

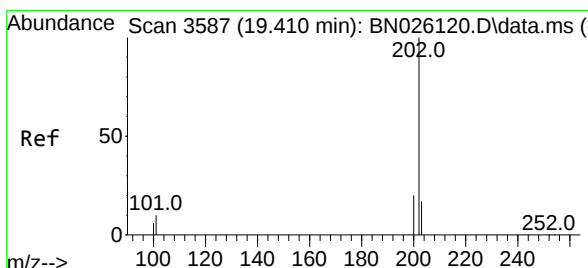
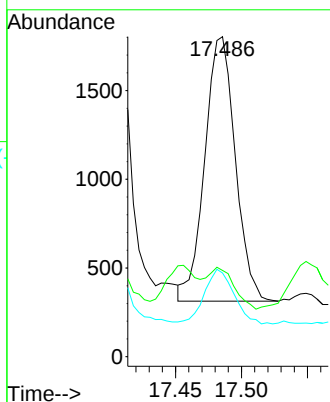
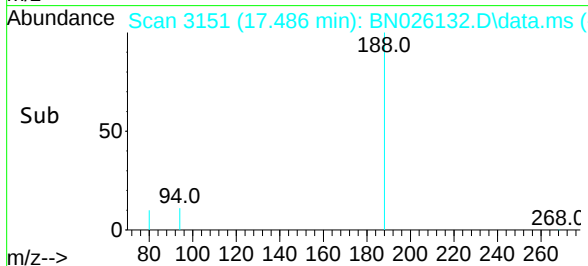
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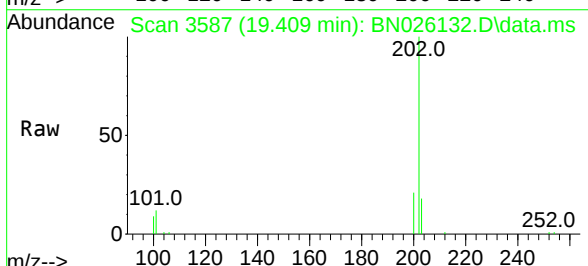
Tgt Ion:178 Resp: 2394
 Ion Ratio Lower Upper
 178 100
 179 26.9 12.6 18.8
 176 26.2 15.1 22.7

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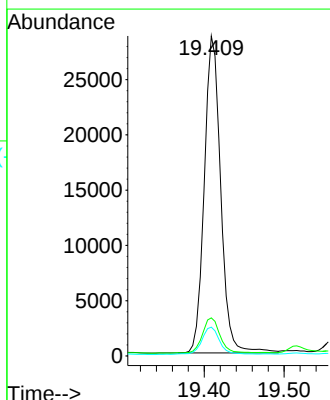
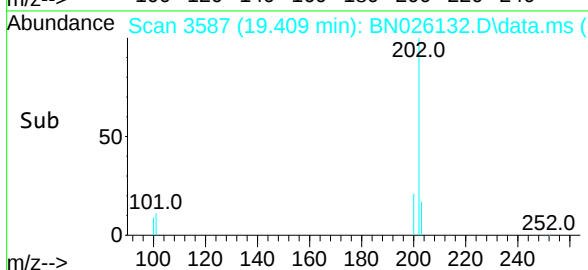
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

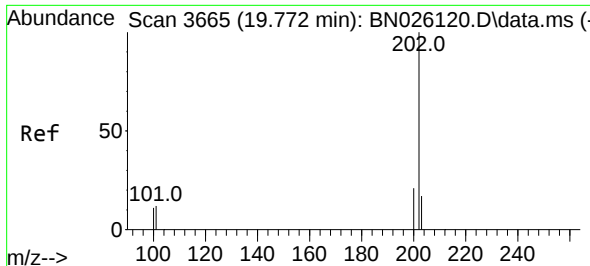


#19
 Fluoranthene
 Concen: 0.417 ng/ul
 RT: 19.409 min Scan# 3587
 Delta R.T. -0.006 min
 Lab File: BN026132.D
 Acq: 30 Jun 2023 16:18



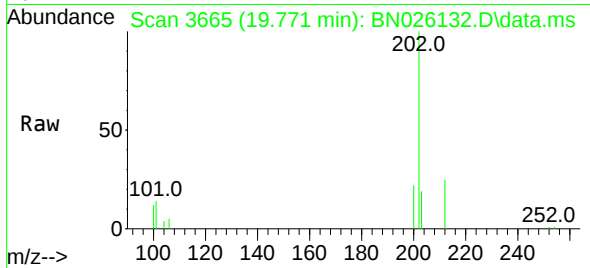
Tgt Ion:202 Resp: 40942
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.5 14.3
 100 9.0 7.3 10.9





#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.771 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

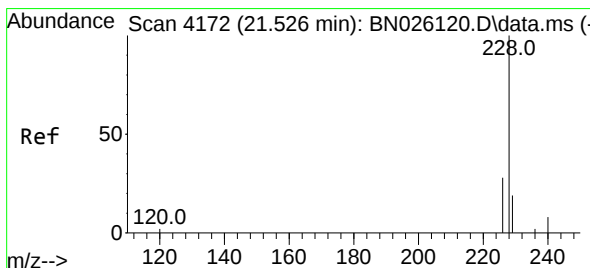
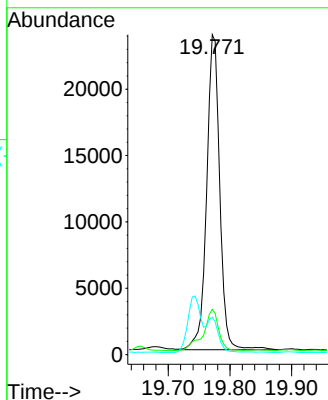
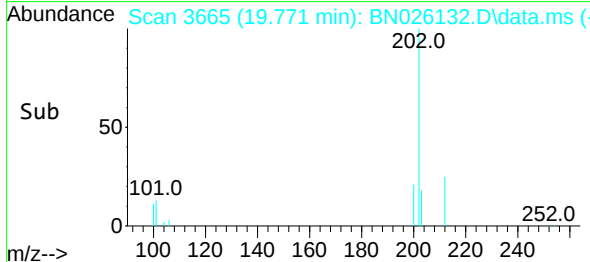
Instrument :
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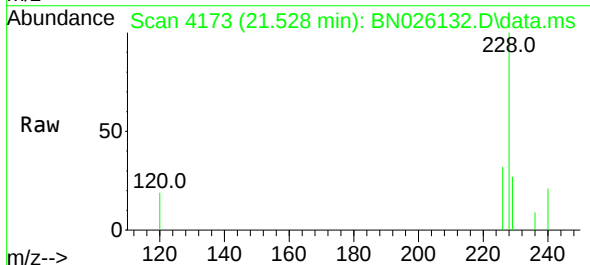
Tgt Ion:202 Resp: 34920
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 11.7 9.1 13.7

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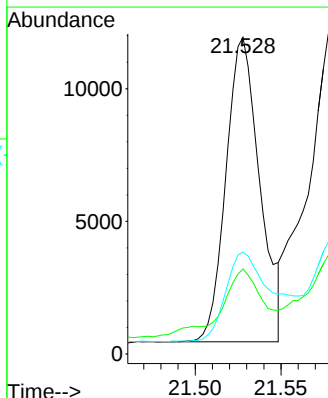
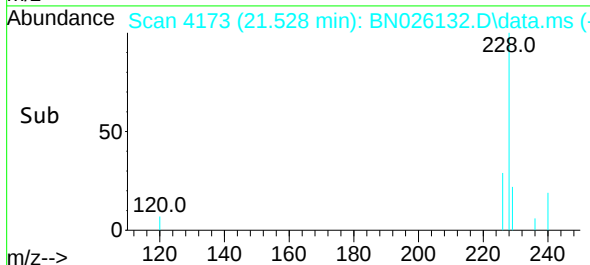
Reviewed By :Yogesh Patel 07/01/2023
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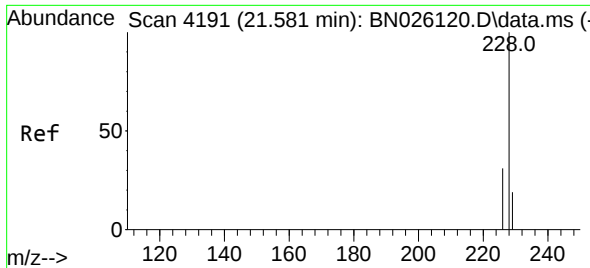


#21
Benzo(a)anthracene
Concen: 0.208 ng/ul
RT: 21.528 min Scan# 4173
Delta R.T. -0.001 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18



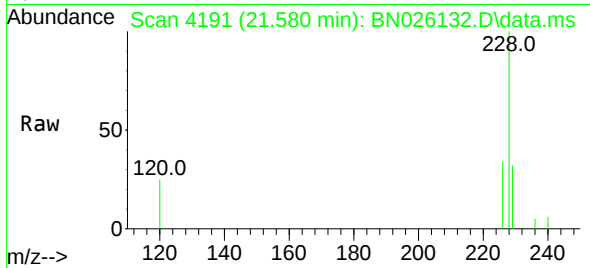
Tgt Ion:228 Resp: 15729
Ion Ratio Lower Upper
228 100
229 26.9 15.8 23.6#
226 32.2 22.5 33.7





#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.002 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

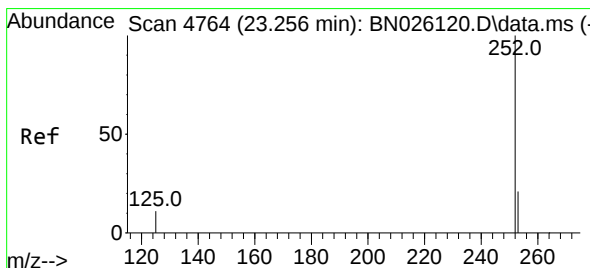
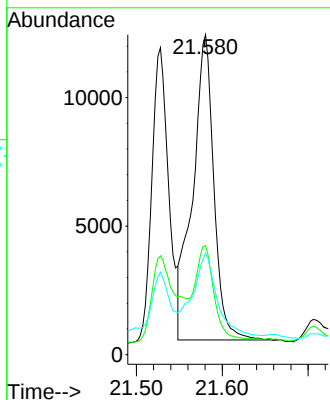
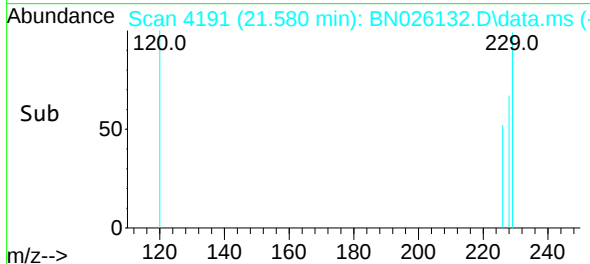
Instrument :
BNA_N
ClientSampleId :
DCFU6DL



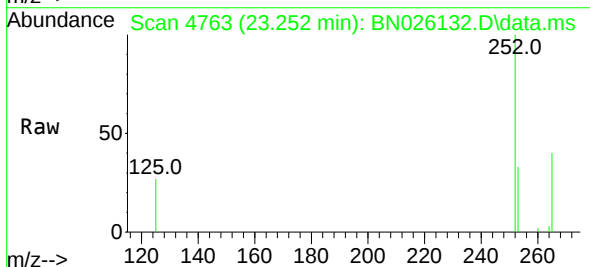
Tgt Ion:228 Resp: 20400
Ion Ratio Lower Upper
228 100
226 34.1 24.8 37.2
229 31.8 15.7 23.5

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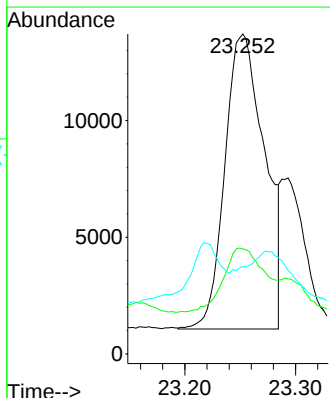
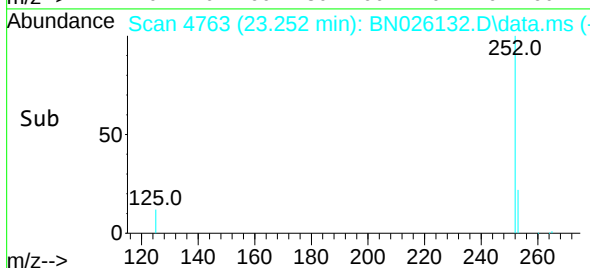
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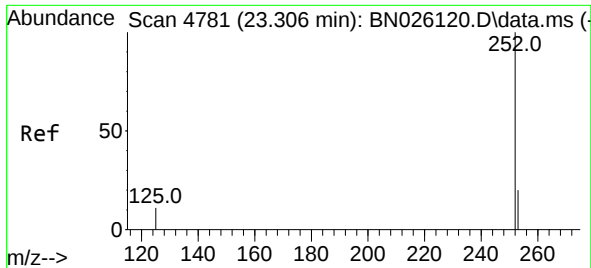


#24
Benzo(b)fluoranthene
Concen: 0.406 ng/ul m
RT: 23.252 min Scan# 4763
Delta R.T. -0.001 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18



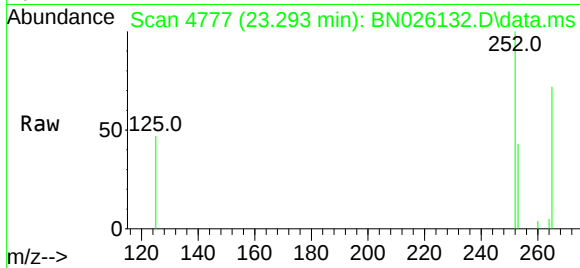
Tgt Ion:252 Resp: 31702
Ion Ratio Lower Upper
252 100
253 32.8 0.0 55.6
125 27.3 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 23.293 min Scan# 4777
Delta R.T. -0.010 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

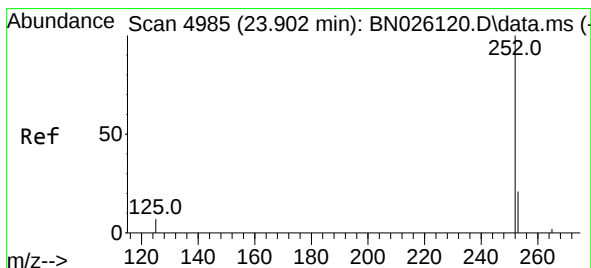
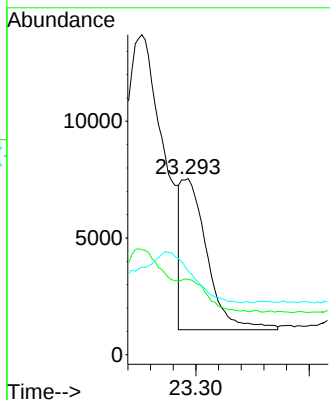
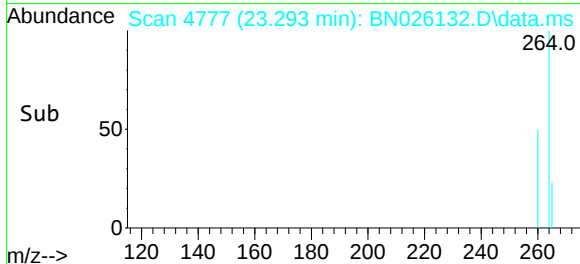
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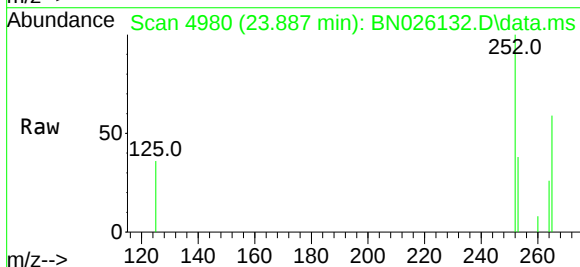
Tgt Ion:252 Resp: 10362
Ion Ratio Lower Upper
252 100
253 42.7 23.2 34.8
125 47.3 15.0 22.4

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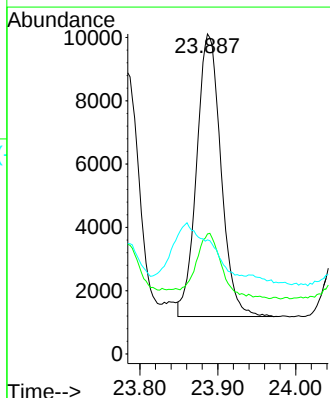
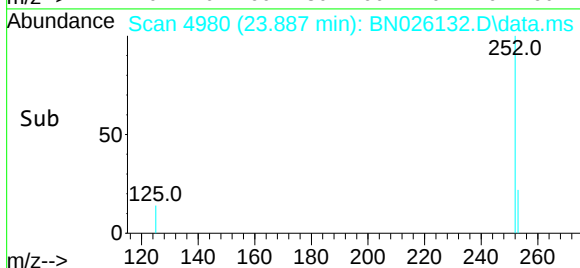
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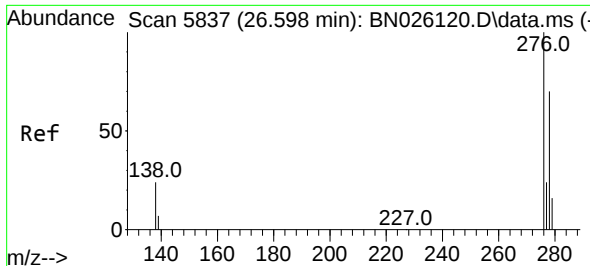


#26
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. -0.018 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18



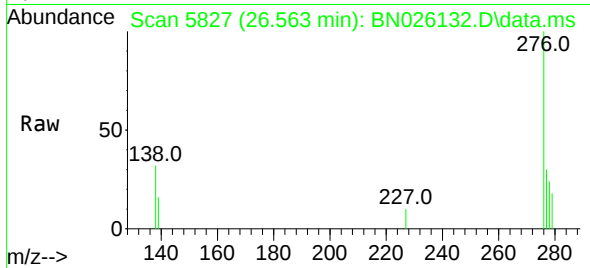
Tgt Ion:252 Resp: 19366
Ion Ratio Lower Upper
252 100
253 37.5 26.0 39.0
125 35.7 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.563 min Scan# 5827
Delta R.T. -0.031 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18

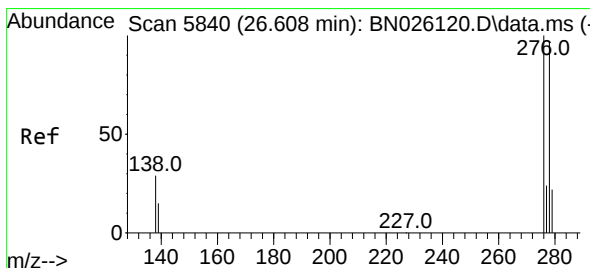
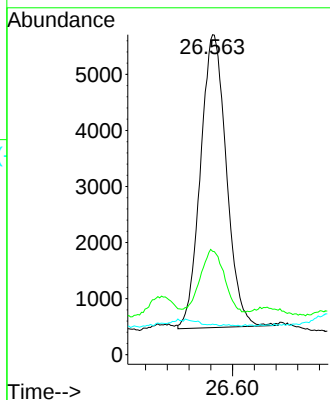
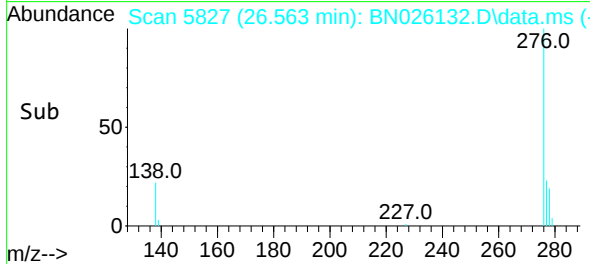
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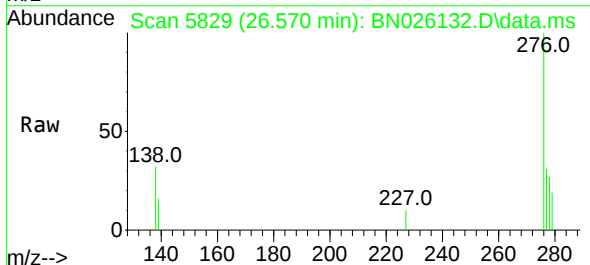
Tgt Ion:276 Resp: 17289
Ion Ratio Lower Upper
276 100
138 21.5 24.5 36.7#
227 0.0 0.0 0.0

Manual Integrations
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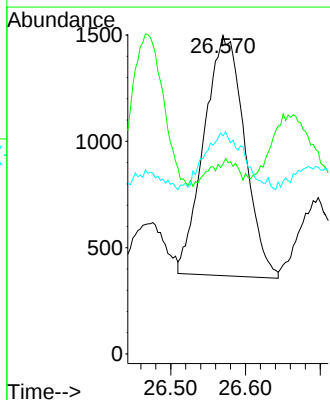
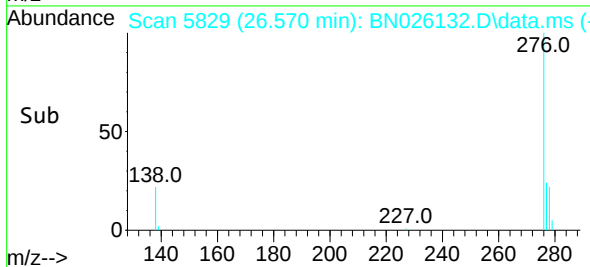
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

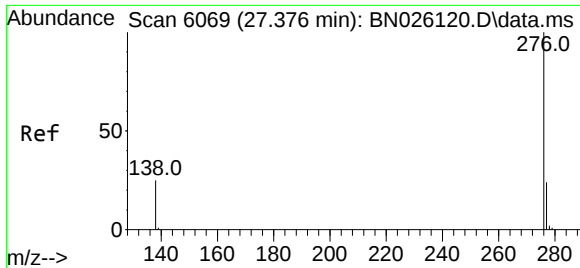


#28
Dibenzo(a,h)anthracene
Concen: 0.076 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. -0.045 min
Lab File: BN026132.D
Acq: 30 Jun 2023 16:18



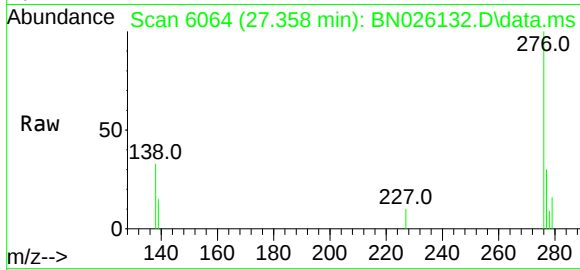
Tgt Ion:278 Resp: 4269
Ion Ratio Lower Upper
278 100
139 59.7 19.0 28.4#
279 68.5 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.246 ng/ul
 RT: 27.358 min Scan# 6064
 Delta R.T. -0.028 min
 Lab File: BN026132.D
 Acq: 30 Jun 2023 16:18

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 1618

Ion	Ratio	Lower	Upper
276	100		
138	33.3	23.4	35.0
277	30.1	20.0	30.0

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