

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027887.D
 Acq On : 27 Sep 2023 07:08
 Operator : MA/JU
 Sample : 04472-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYM4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/28/2023

Supervised By :mohammad
 ahmed
 09/28/2023

Quant Time: Sep 27 07:39:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	7943	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	29317	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	18638	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	42671	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	39996	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	43544	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	10973	1.097	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	3168	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	8847	0.072	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	1820	0.022	ng/ul#	88
7) 2-Methylnaphthalene	12.434	142	2084	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.654	142	2181	0.040	ng/ul	100
15) Phenanthrene	17.396	178	47458	0.354	ng/ul	99
16) Anthracene	17.489	178	4159	0.037	ng/ul#	88
19) Fluoranthene	19.408	202	128110	0.792	ng/ul	98
20) Pyrene	19.775	202	121464	0.729	ng/ul	98
21) Benzo(a)anthracene	21.522	228	10322	0.067	ng/ul#	80
22) Chrysene	21.577	228	23220m	0.145	ng/ul	
24) Benzo(b)fluoranthene	23.246	252	20208m	0.104	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	4972m	0.026	ng/ul	
26) Benzo(a)pyrene	23.898	252	7025	0.045	ng/ul#	9
27) Indeno(1,2,3-cd)pyrene	26.606	276	7016	0.035	ng/ul#	94
29) Benzo(g,h,i)perylene	27.418	276	8934	0.053	ng/ul#	79

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

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Data File : BN027887.D
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ALS Vial : 37 Sample Multiplier: 1

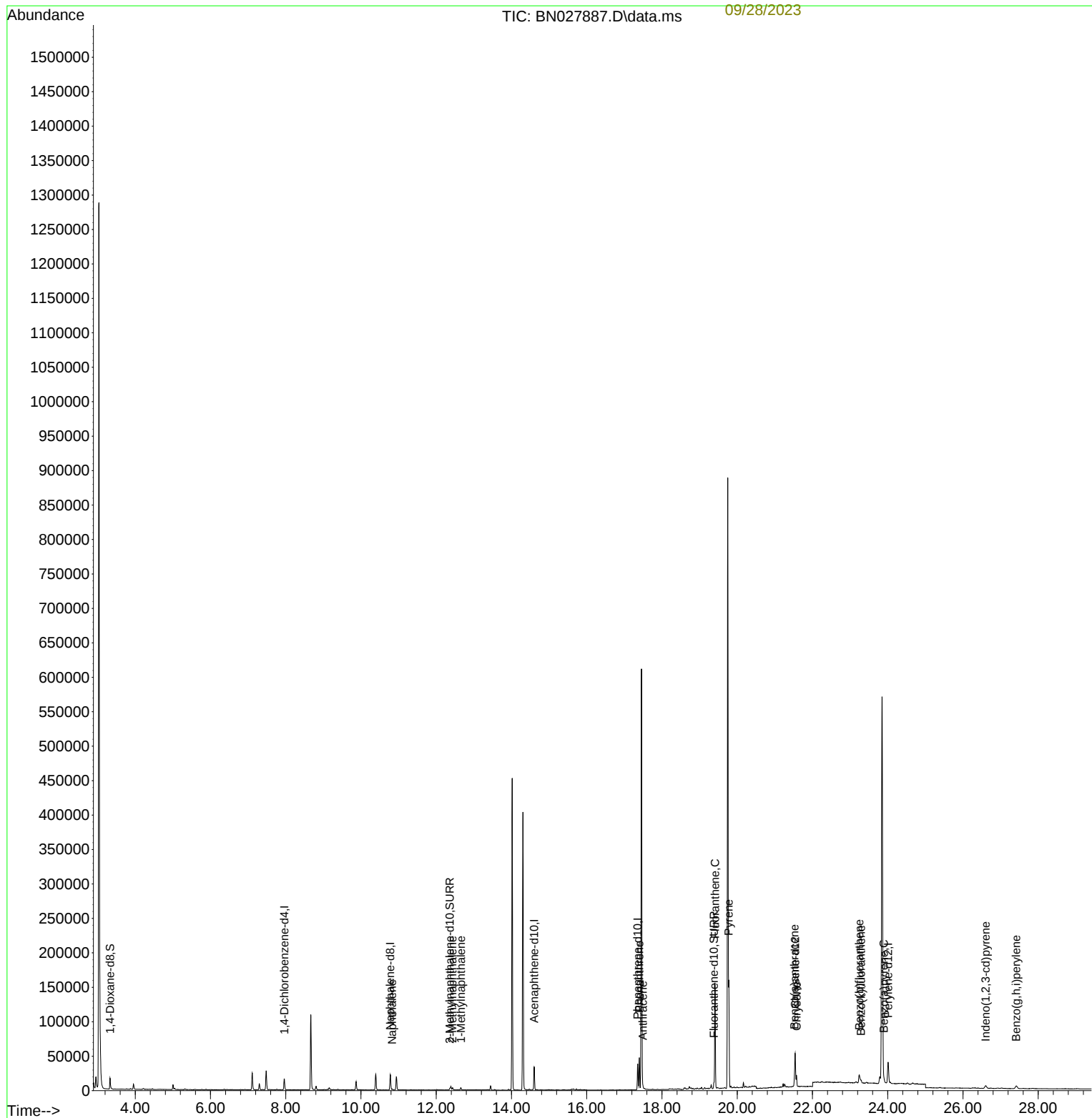
Instrument :
BNA_N
ClientSampleId :
EZYM4

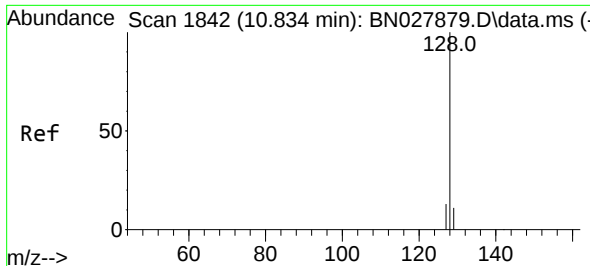
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ahmed
09/28/2023

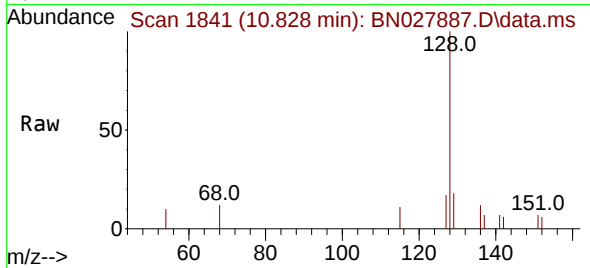
Quant Time: Sep 27 07:39:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Instrument :
BNA_N
ClientSampleId :
EZYM4

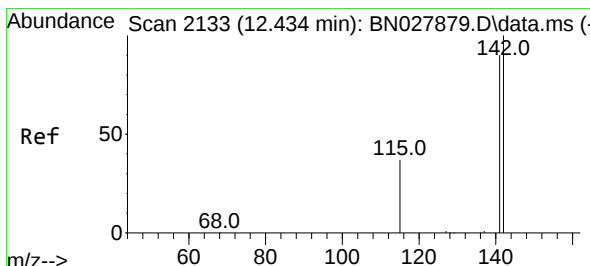
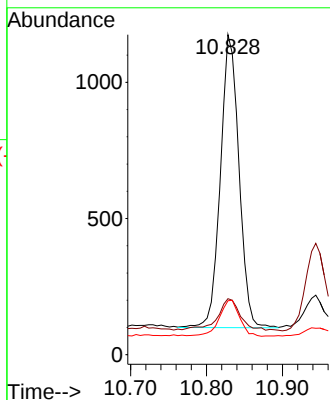
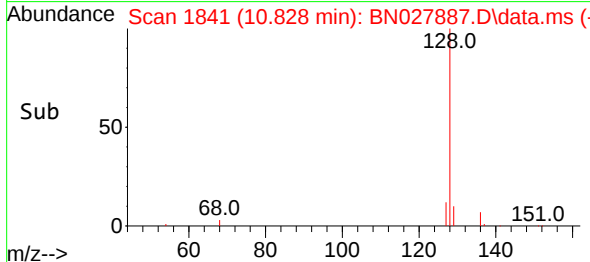


Tgt Ion:128 Resp: 1820
Ion Ratio Lower Upper
128 100
129 17.5 9.3 13.9
127 16.9 10.7 16.1

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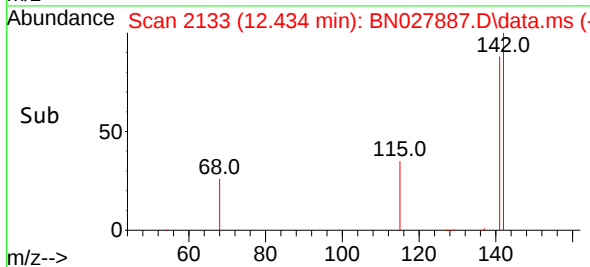
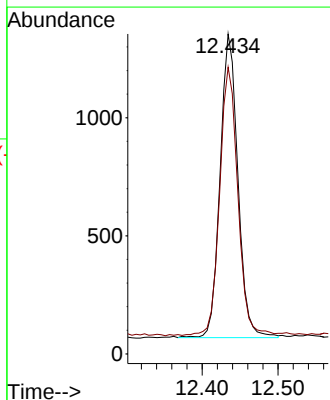
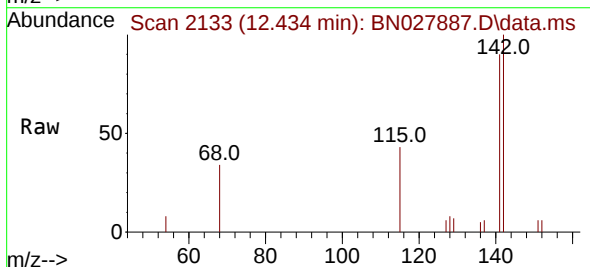
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

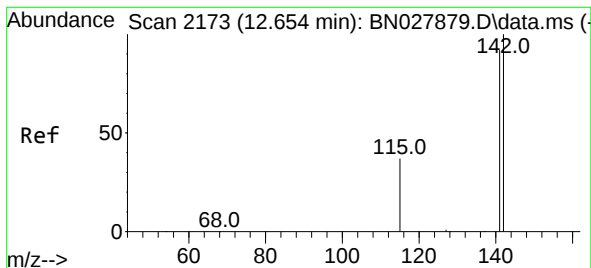
Supervised By :mohammad
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09/28/2023



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Tgt Ion:142 Resp: 2084
Ion Ratio Lower Upper
142 100
141 90.1 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.654 min Scan# 2173

Delta R.T. 0.000 min

Lab File: BN027887.D

Acq: 27 Sep 2023 07:08

Instrument :

BNA_N

ClientSampleId :

EZY4

Tgt Ion:142 Resp: 218

Ion Ratio Lower Upper

142 100

141 90.7 72.8 109.2

Manual Integrations

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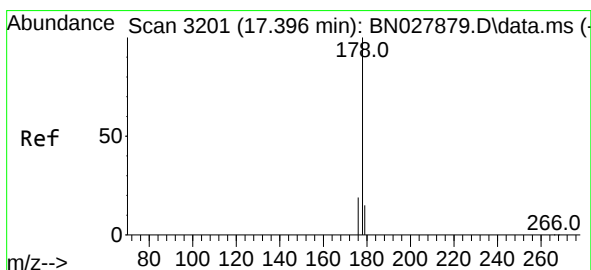
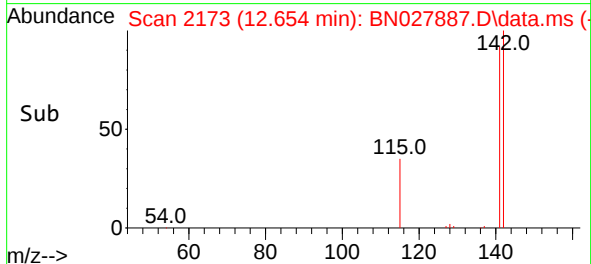
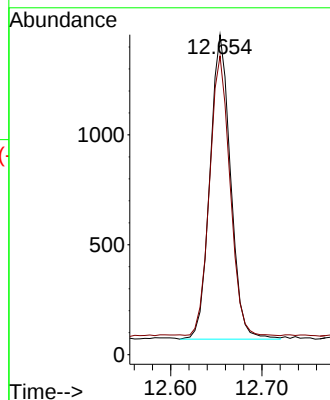
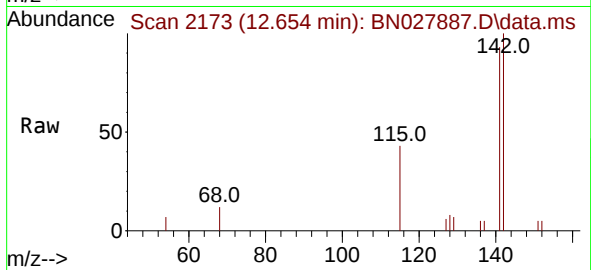
Reviewed By :Yogesh Patel 09/27/2023

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ahmed

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#15

Phenanthrene

Concen: 0.354 ng/ul

RT: 17.396 min Scan# 3201

Delta R.T. 0.000 min

Lab File: BN027887.D

Acq: 27 Sep 2023 07:08

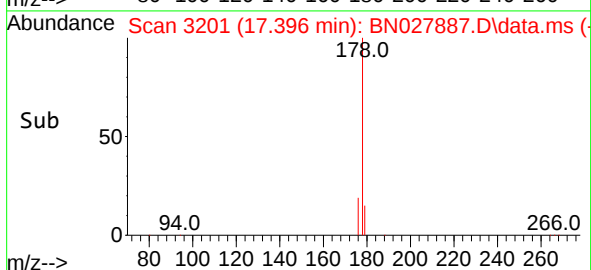
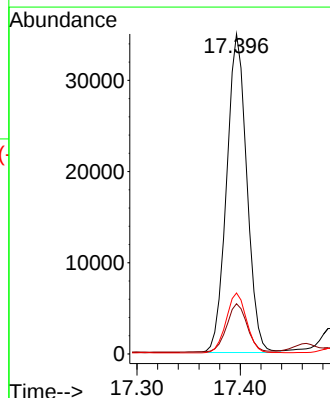
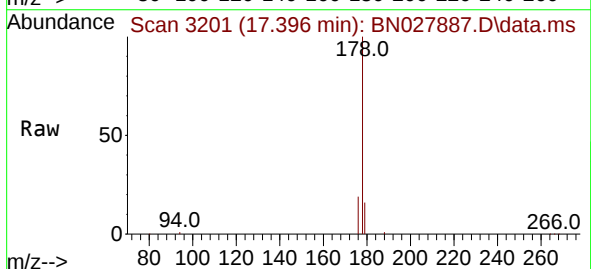
Tgt Ion:178 Resp: 47458

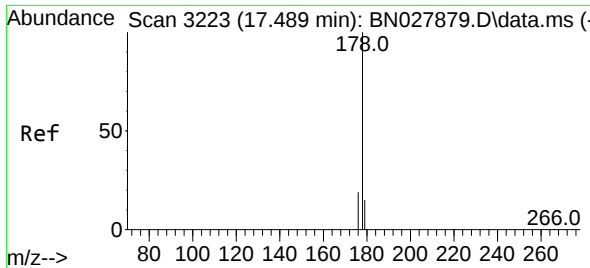
Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

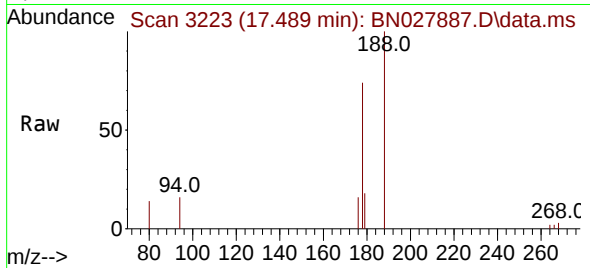
176 19.0 16.0 24.0





#16
 Anthracene
 Concen: 0.037 ng/ul
 RT: 17.489 min Scan# 3223
 Delta R.T. 0.000 min
 Lab File: BN027887.D
 Acq: 27 Sep 2023 07:08

Instrument :
 BNA_N
 ClientSampleId :
 EZYM4

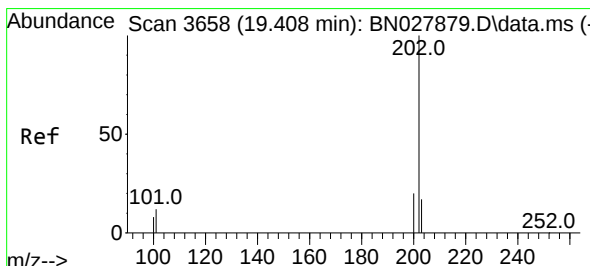
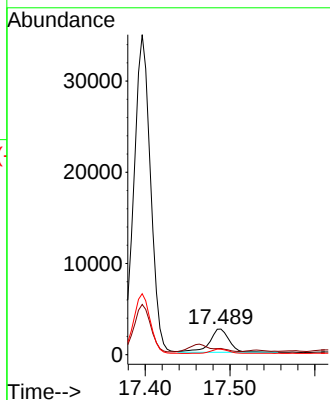
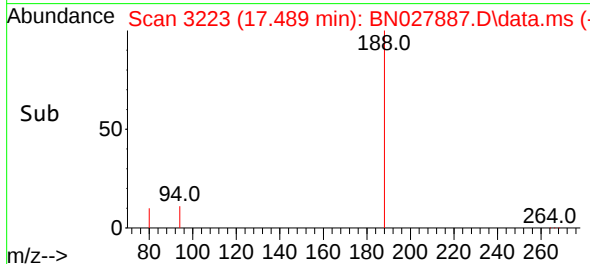


Tgt Ion:178 Resp: 4159
 Ion Ratio Lower Upper
 178 100
 179 24.4 12.6 19.0
 176 21.5 15.5 23.3

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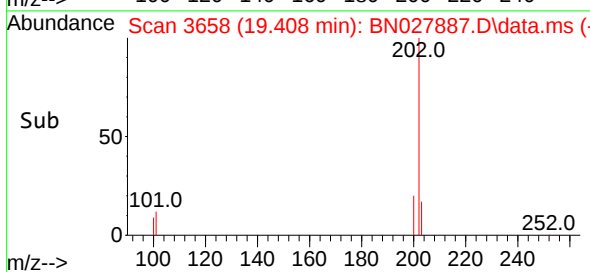
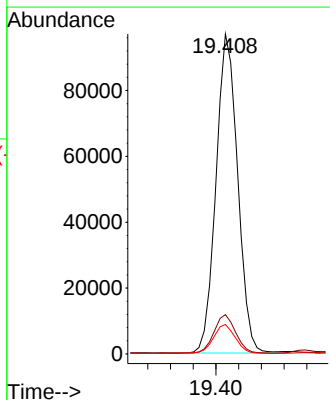
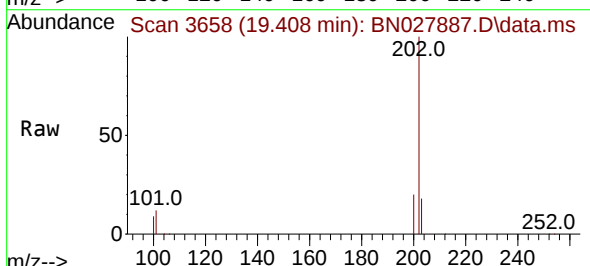
Reviewed By :Yogesh Patel 09/27/2023
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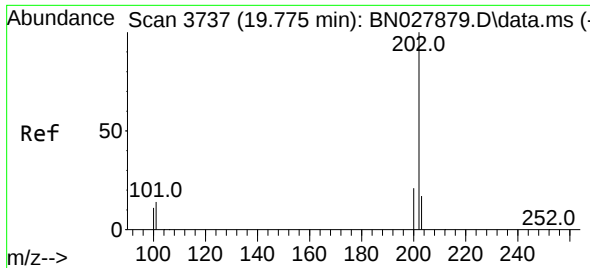
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 ahmed
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#19
 Fluoranthene
 Concen: 0.792 ng/ul
 RT: 19.408 min Scan# 3658
 Delta R.T. 0.000 min
 Lab File: BN027887.D
 Acq: 27 Sep 2023 07:08

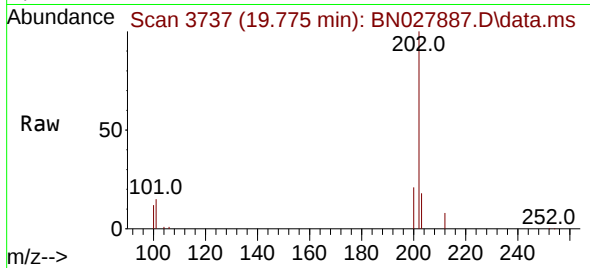
Tgt Ion:202 Resp: 128110
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.3 13.9
 100 9.2 7.0 10.4





#20
Pyrene
Concen: 0.729 ng/u1
RT: 19.775 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Instrument :
BNA_N
ClientSampleId :
EZY4

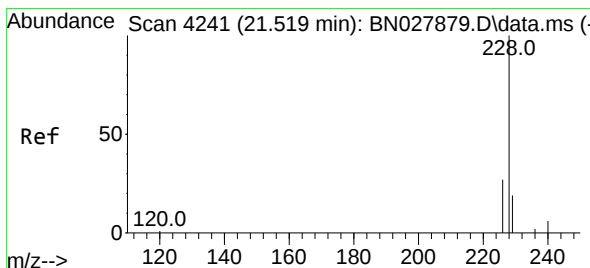
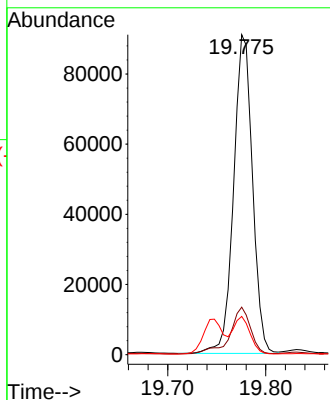
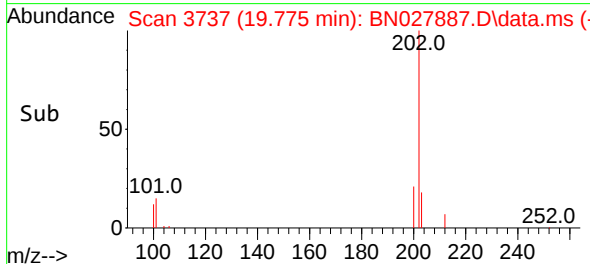


Tgt Ion:202 Resp: 121464
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 12.0 9.1 13.7

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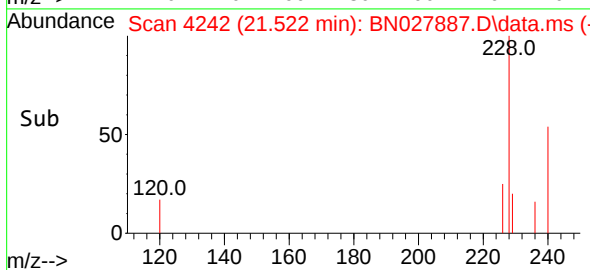
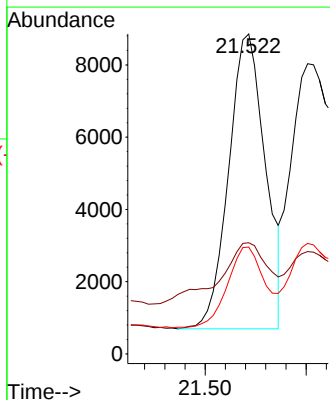
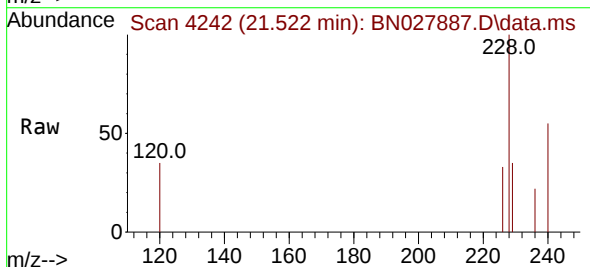
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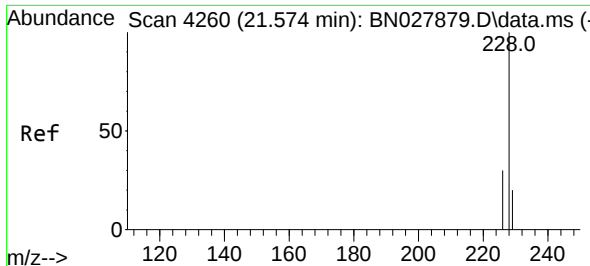
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#21
Benzo(a)anthracene
Concen: 0.067 ng/u1
RT: 21.522 min Scan# 4242
Delta R.T. 0.003 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

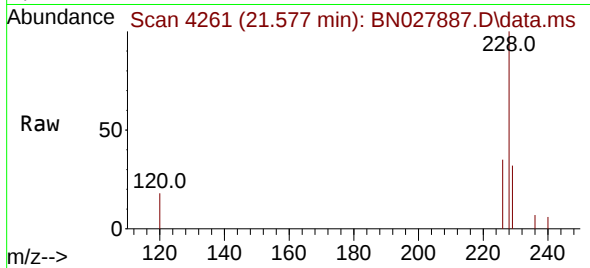
Tgt Ion:228 Resp: 10322
Ion Ratio Lower Upper
228 100
229 34.8 15.8 23.8#
226 33.4 22.0 33.0#





#22
Chrysene
Concen: 0.145 ng/ul m
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Instrument :
BNA_N
ClientSampleId :
EZY4

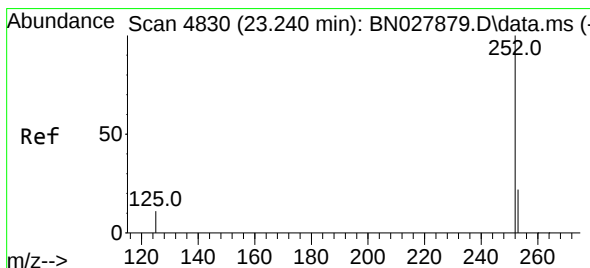
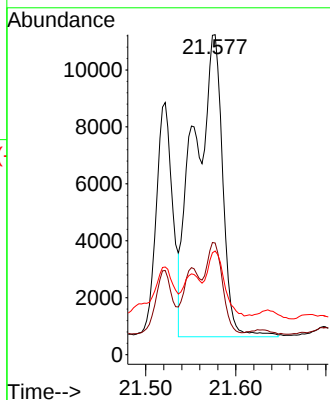


Tgt Ion:228 Resp: 23220
Ion Ratio Lower Upper
228 100
226 34.9 24.5 36.7
229 32.4 16.0 24.0

Manual Integrations
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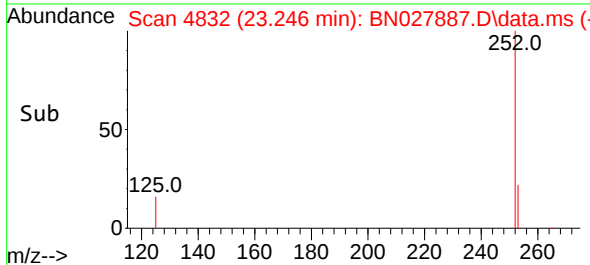
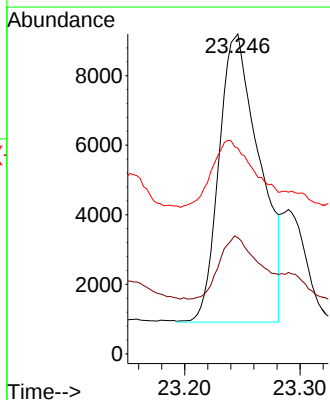
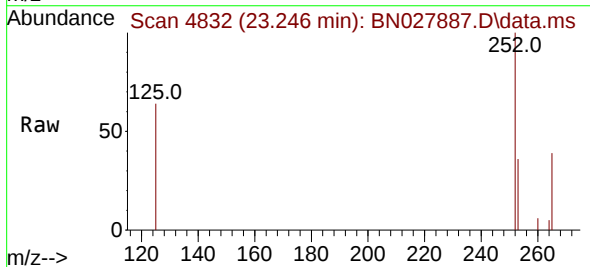
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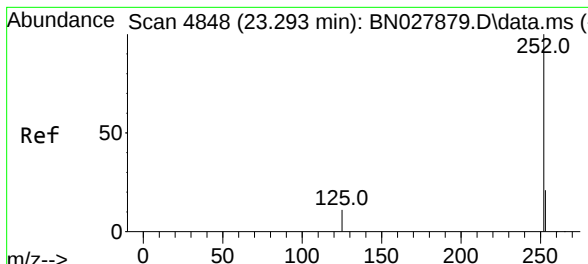
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09/28/2023



#24
Benzo(b)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

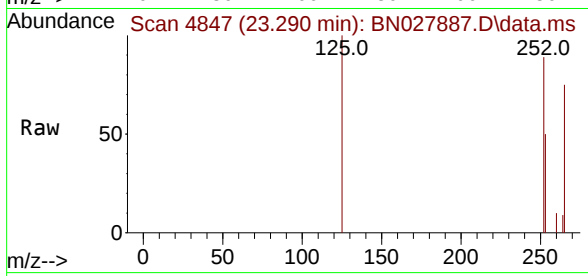
Tgt Ion:252 Resp: 20208
Ion Ratio Lower Upper
252 100
253 36.4 0.0 50.2
125 64.3 0.0 31.4





#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.290 min Scan# 4848
Delta R.T. -0.003 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Instrument :
BNA_N
ClientSampleId :
EZY4

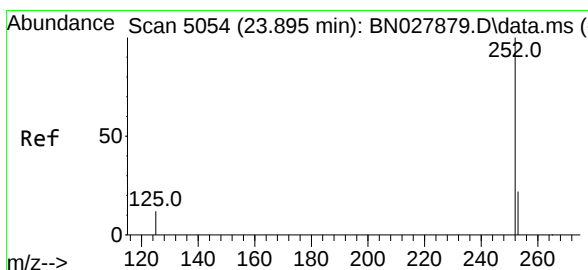
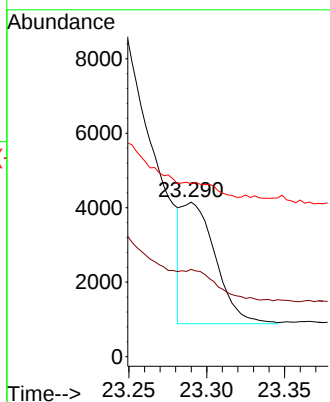
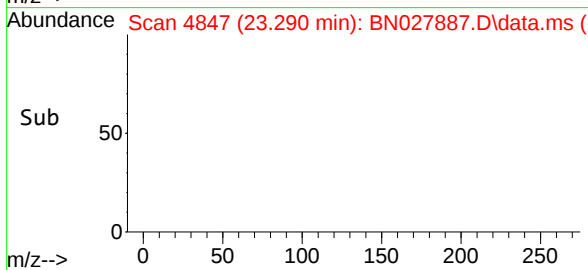


Tgt Ion:252 Resp: 4972

Ion	Ratio	Lower	Upper
252	100		
253	56.5	19.9	29.9
125	112.0	12.6	19.0

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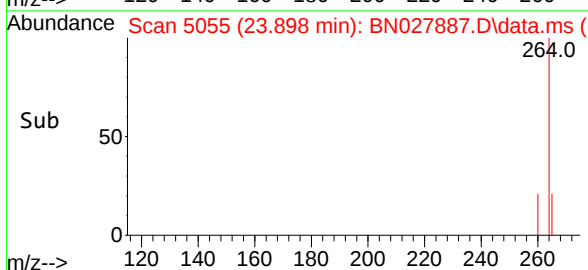
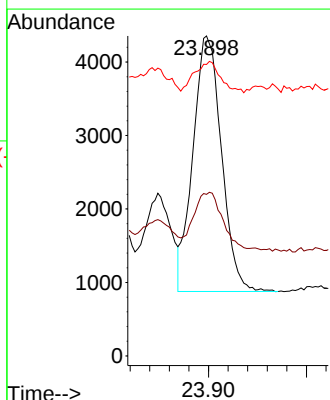
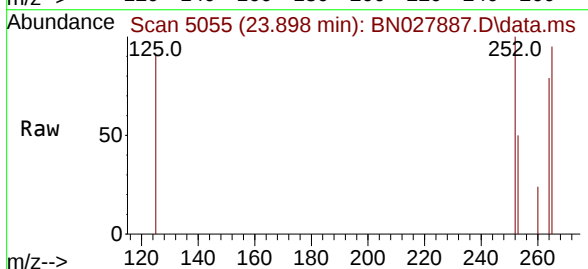
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023

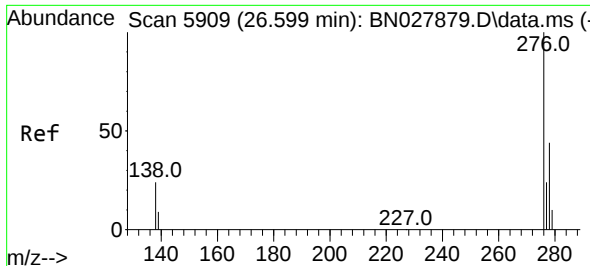


#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

Tgt Ion:252 Resp: 7025

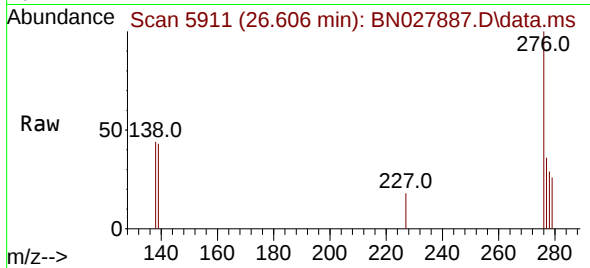
Ion	Ratio	Lower	Upper
252	100		
253	50.5	21.9	32.9
125	91.1	15.5	23.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08

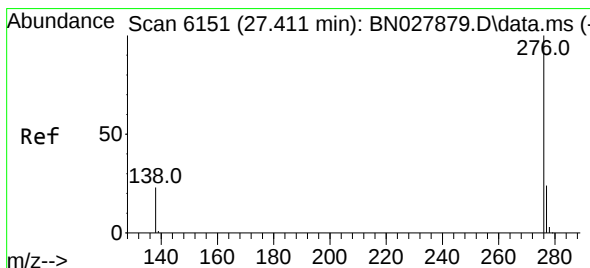
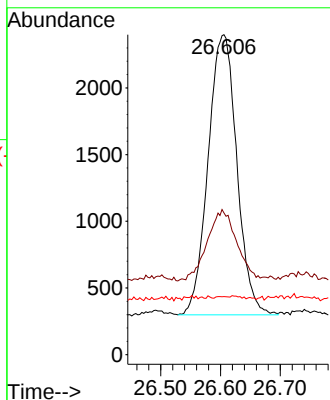
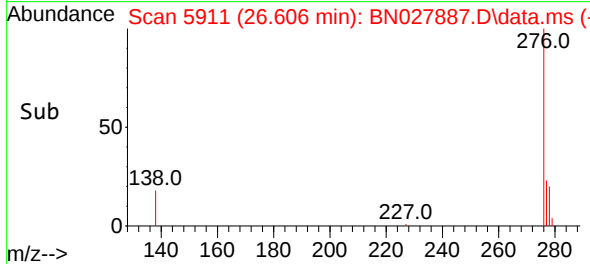
Instrument :
BNA_N
ClientSampleId :
EZY4



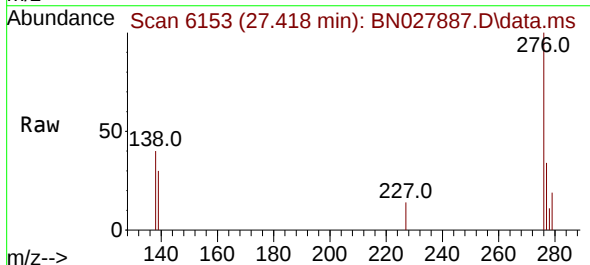
Tgt Ion:276 Resp: 7010
Ion Ratio Lower Upper
276 100
138 26.9 24.3 36.5
227 0.3 0.0 0.0

Manual Integrations
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Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.053 ng/ul
RT: 27.418 min Scan# 6153
Delta R.T. 0.007 min
Lab File: BN027887.D
Acq: 27 Sep 2023 07:08



Tgt Ion:276 Resp: 8934
Ion Ratio Lower Upper
276 100
138 40.0 21.7 32.5#
277 33.8 20.2 30.2#

