

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027804.D
 Acq On : 22 Sep 2023 02:09
 Operator : MA/JU
 Sample : 04330-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 04:04:14 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 : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5470	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18516	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	11314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	25517	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.571	240	20966	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	18659	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	16011	2.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	4617	0.165	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	12021	0.188	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.478	142	907	0.027	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	717	0.021	ng/ul	94
10) Acenaphthylene	14.370	152	1322	0.027	ng/ul#	57
15) Phenanthrene	17.434	178	8506	0.106	ng/ul#	86
19) Fluoranthene	19.441	202	11728	0.138	ng/ul#	89
20) Pyrene	19.813	202	27380m	0.314	ng/ul	
21) Benzo(a)anthracene	21.554	228	8205	0.101	ng/ul#	25
22) Chrysene	21.609	228	24183m	0.288	ng/ul	
24) Benzo(b)fluoranthene	23.290	252	13657m	0.164	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	4526m	0.056	ng/ul	
26) Benzo(a)pyrene	23.954	252	15634	0.234	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.683	276	7550	0.088	ng/ul#	88
29) Benzo(g,h,i)perylene	27.515	276	22972	0.316	ng/ul#	45

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

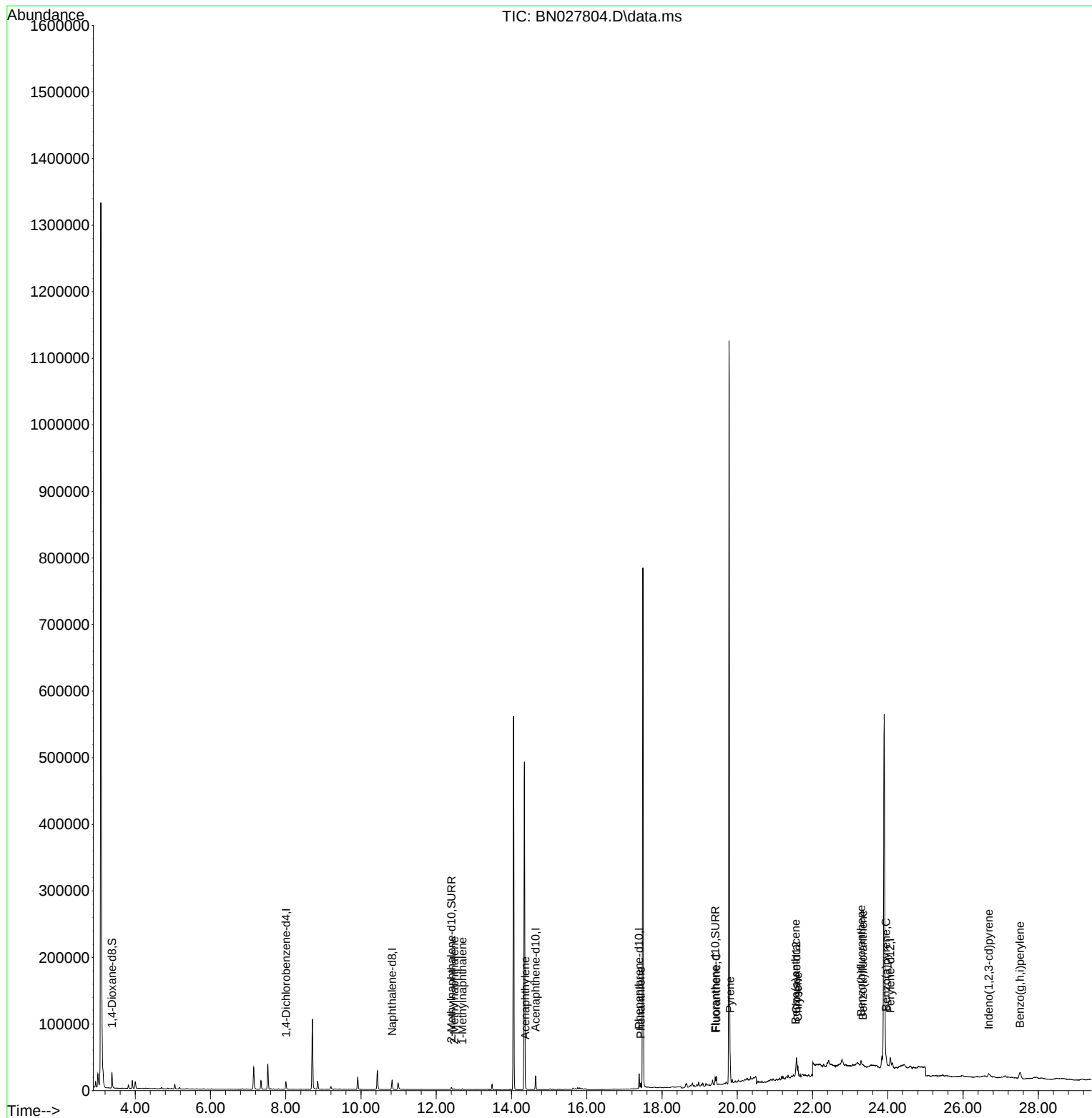
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027804.D
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Operator : MA/JU
Sample : 04330-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

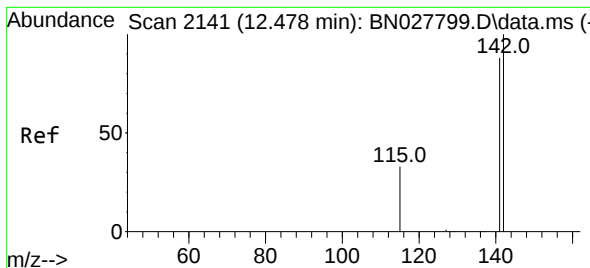
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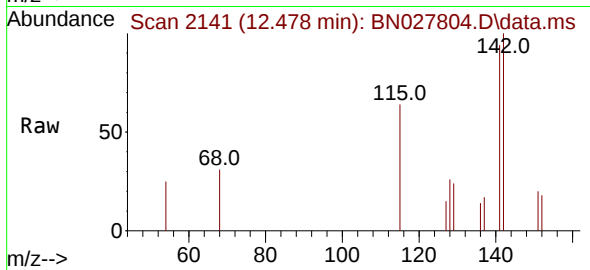
Quant Time: Sep 22 04:04:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

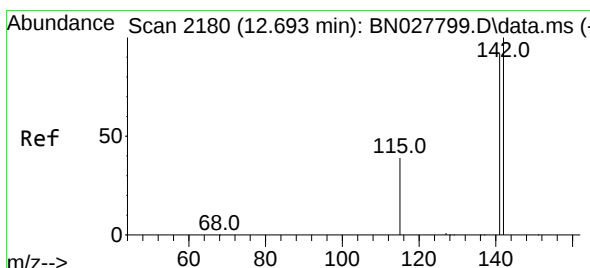
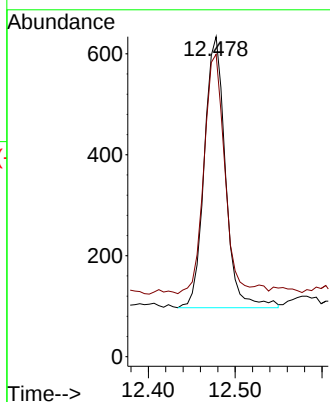
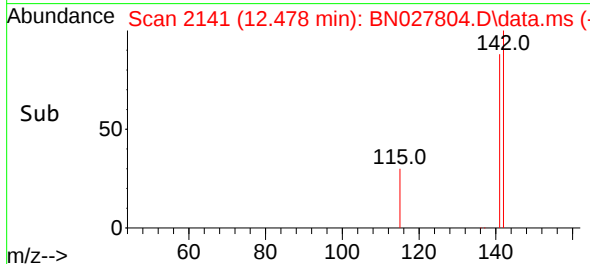
Instrument :
BNA_N
ClientSampleId :
EZYF6



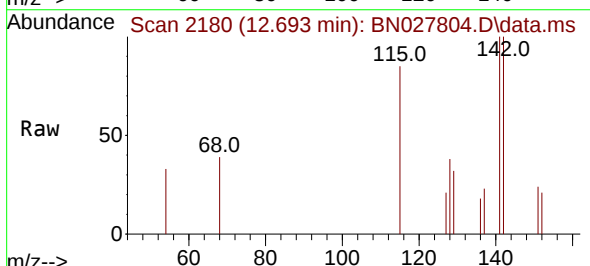
Tgt Ion:142 Resp: 907
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7

Manual Integrations
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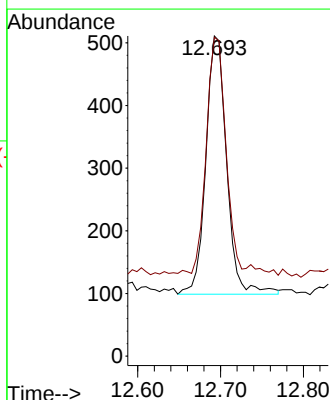
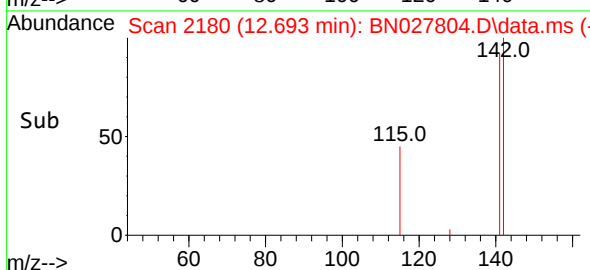
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

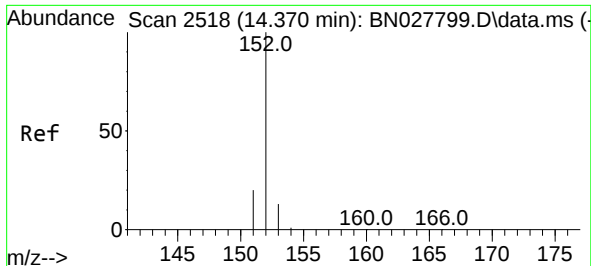


#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09



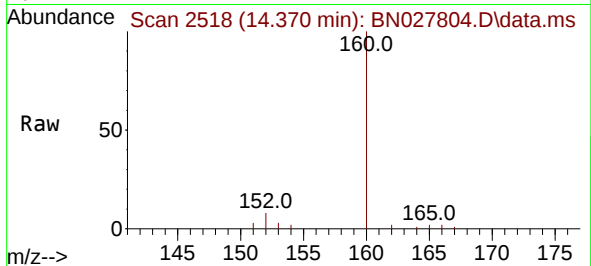
Tgt Ion:142 Resp: 717
Ion Ratio Lower Upper
142 100
141 85.8 72.8 109.2





#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

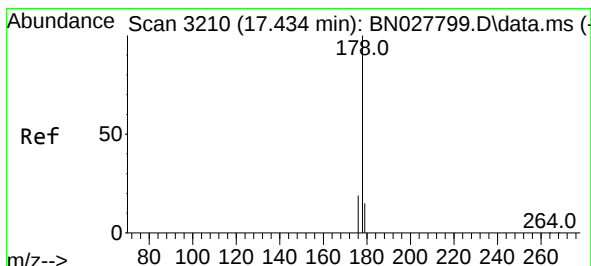
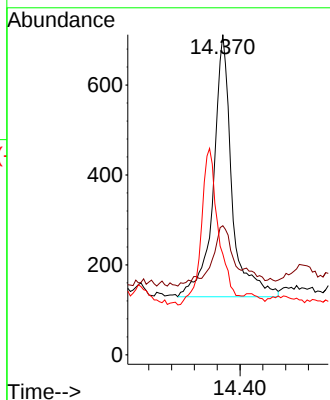
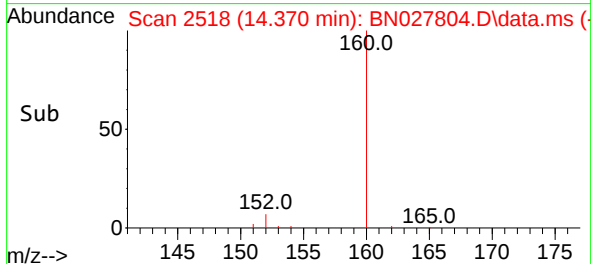
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 132
Ion Ratio Lower Upper
152 100
151 40.3 16.6 25.0
153 31.5 11.0 16.6

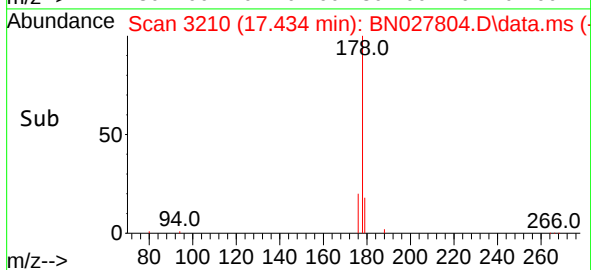
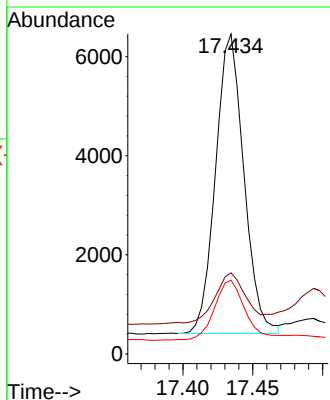
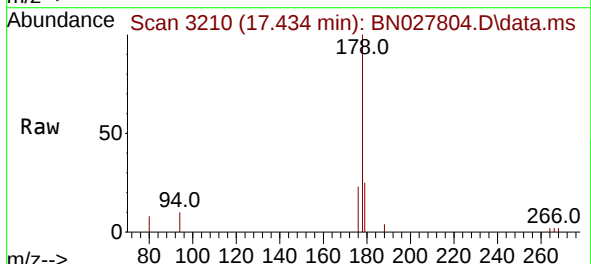
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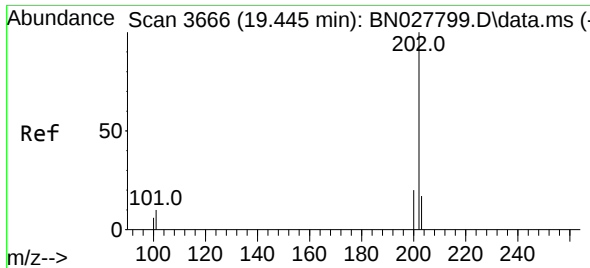
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

Tgt Ion:178 Resp: 8506
Ion Ratio Lower Upper
178 100
179 25.3 12.4 18.6
176 23.0 16.0 24.0





#19

Fluoranthene

Concen: 0.138 ng/ul

RT: 19.441 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN027804.D

Acq: 22 Sep 2023 02:09

Instrument :

BNA_N

ClientSampleId :

EZYF6

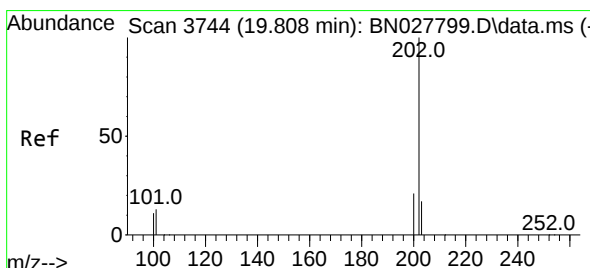
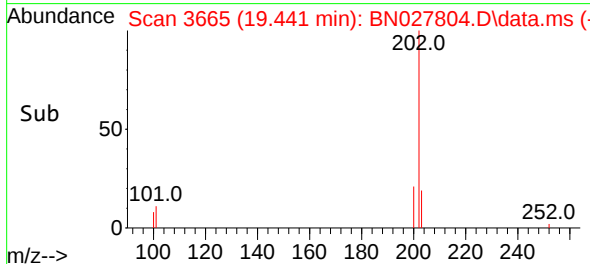
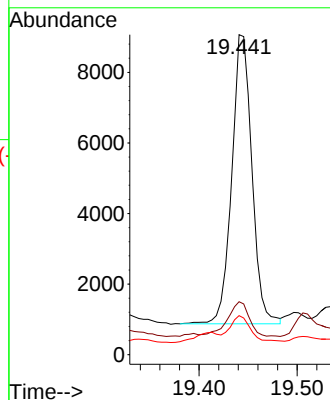
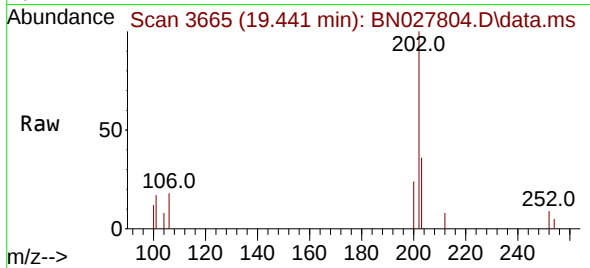
Tgt Ion:	202	Resp:	11728
Ion Ratio	Lower	Upper	
202	100		
101	16.5	9.3	13.9
100	12.2	7.0	10.4

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#20

Pyrene

Concen: 0.314 ng/ul m

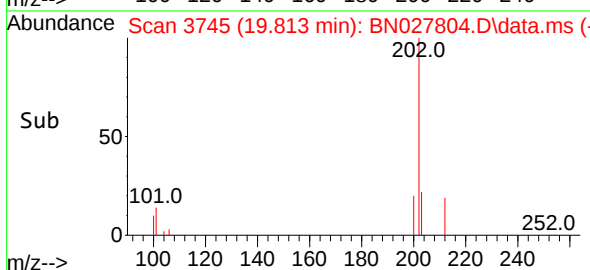
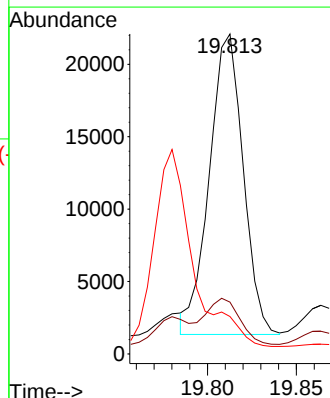
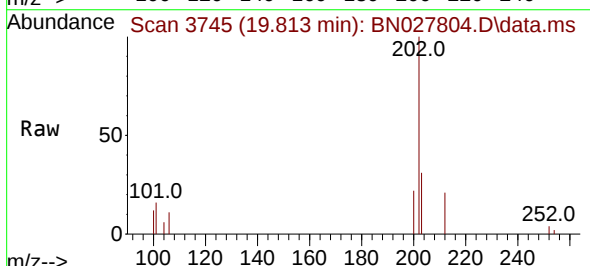
RT: 19.813 min Scan# 3745

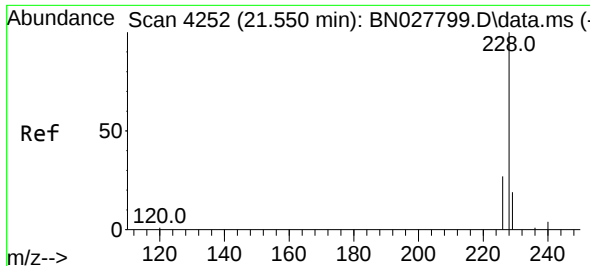
Delta R.T. 0.000 min

Lab File: BN027804.D

Acq: 22 Sep 2023 02:09

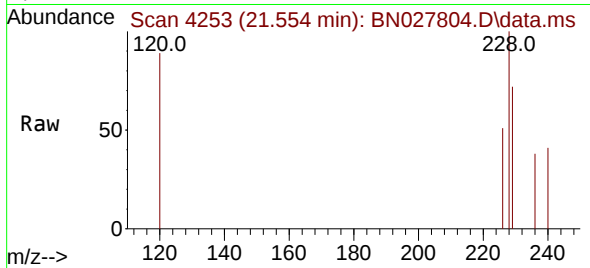
Tgt Ion:	202	Resp:	27380
Ion Ratio	Lower	Upper	
202	100		
101	16.2	11.4	17.0
100	11.7	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

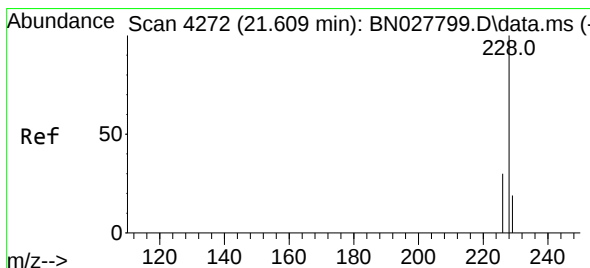
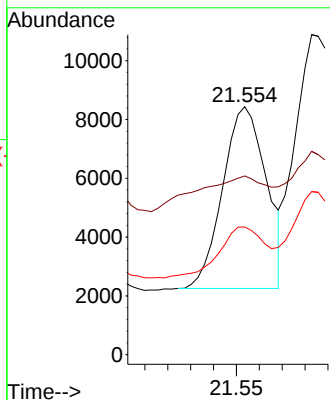
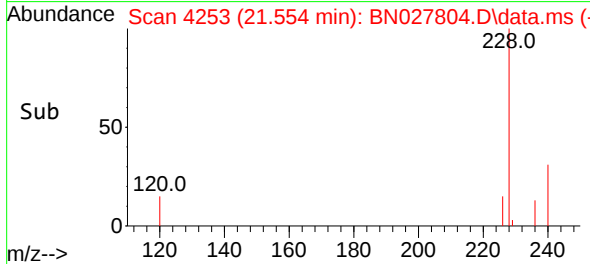
Instrument :
BNA_N
ClientSampleId :
EZYF6



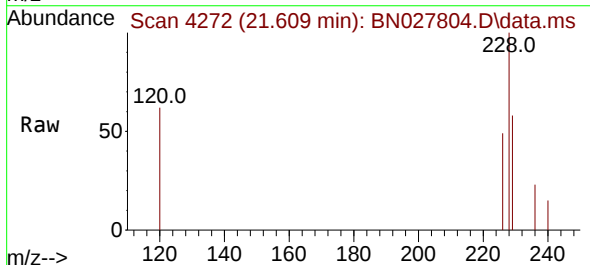
Tgt Ion:228 Resp: 8209
Ion Ratio Lower Upper
228 100
229 72.1 15.8 23.8#
226 51.5 22.0 33.0#

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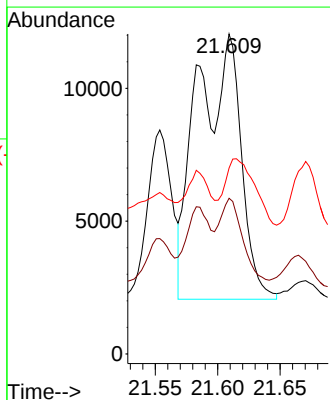
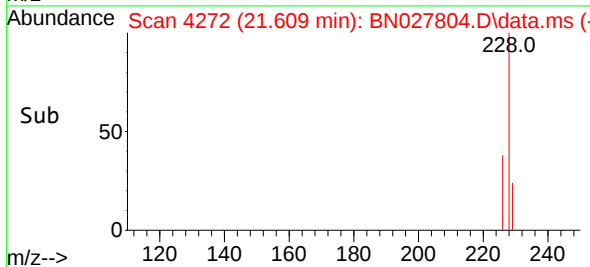
Reviewed By :Yogesh Patel 09/22/2023
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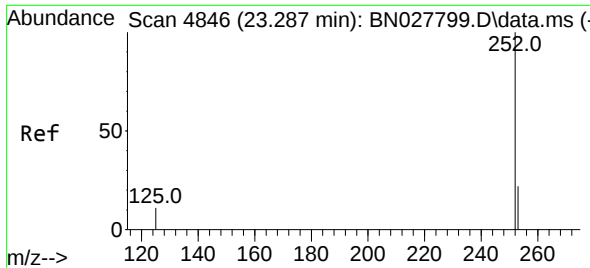


#22
Chrysene
Concen: 0.288 ng/ul m
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09



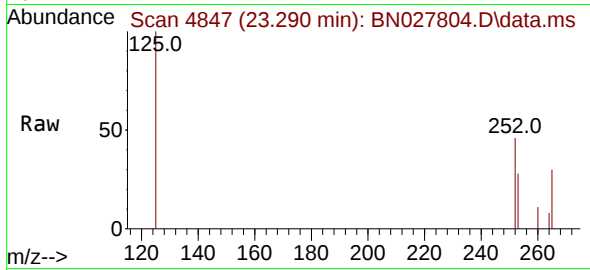
Tgt Ion:228 Resp: 24183
Ion Ratio Lower Upper
228 100
226 48.6 24.5 36.7#
229 58.1 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.290 min Scan# 4846
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

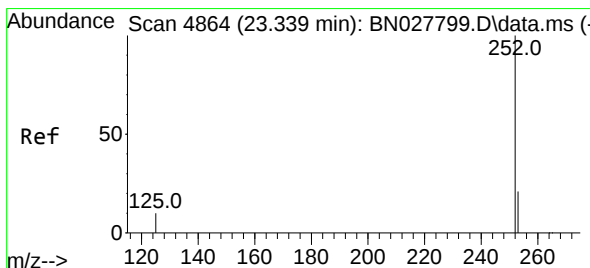
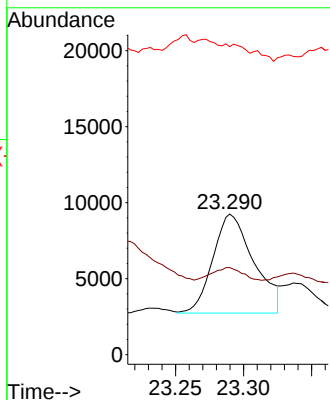
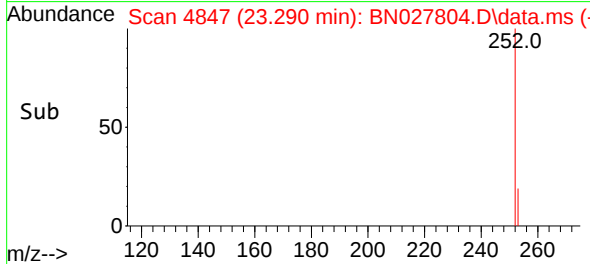
Instrument :
BNA_N
ClientSampleId :
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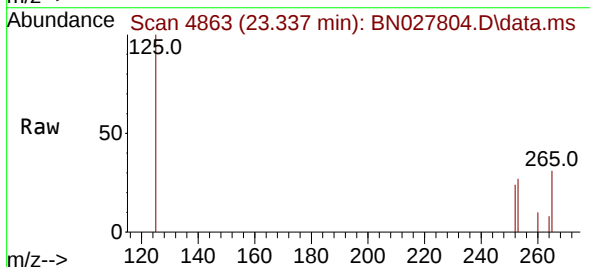
Tgt Ion:252 Resp: 1365
Ion Ratio Lower Upper
252 100
253 61.8 0.0 50.2
125 218.9 0.0 31.4

Manual Integrations
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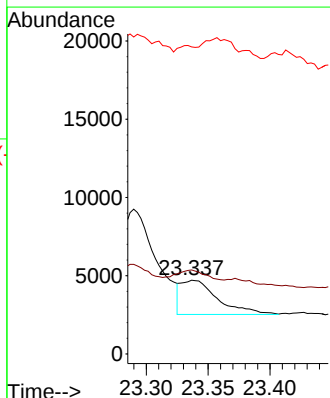
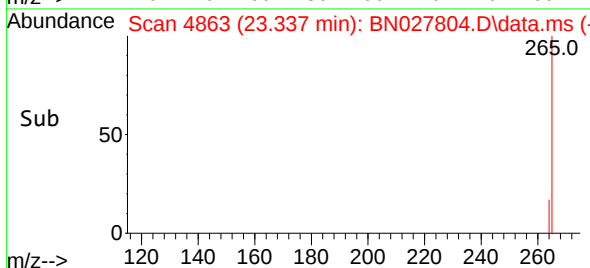
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023

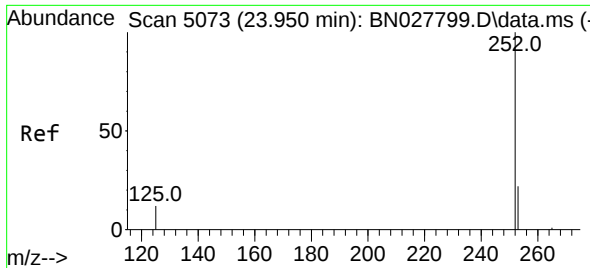


#25
Benzo(k)fluoranthene
Concen: 0.056 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09



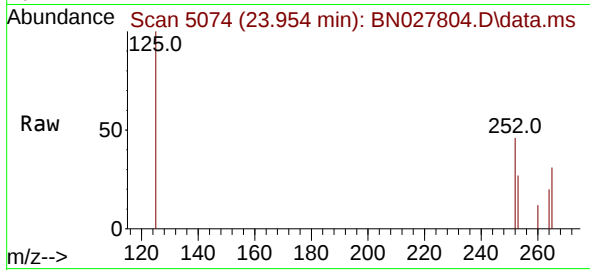
Tgt Ion:252 Resp: 4526
Ion Ratio Lower Upper
252 100
253 113.8 19.9 29.9#
125 415.9 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.234 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

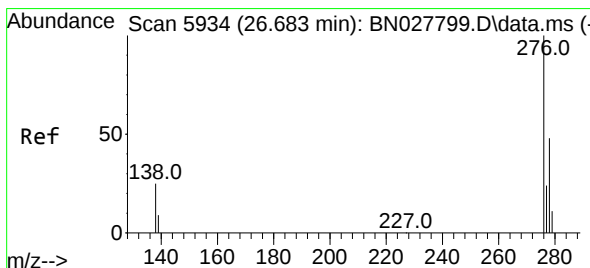
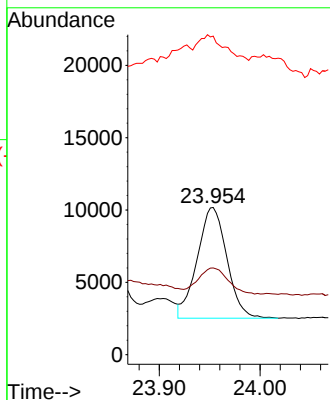
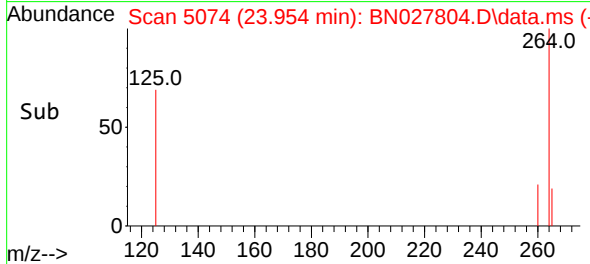
Instrument :
BNA_N
ClientSampleId :
EZYF6



Tgt Ion:252 Resp: 15634
Ion Ratio Lower Upper
252 100
253 58.9 21.9 32.9
125 216.5 15.5 23.3

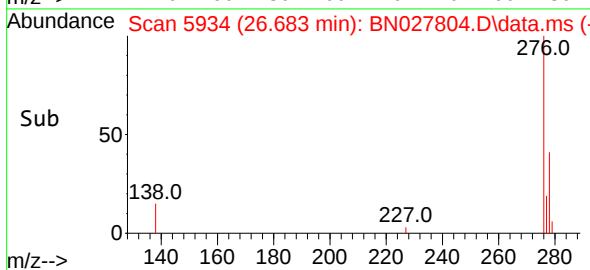
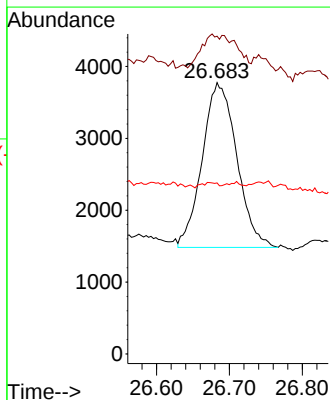
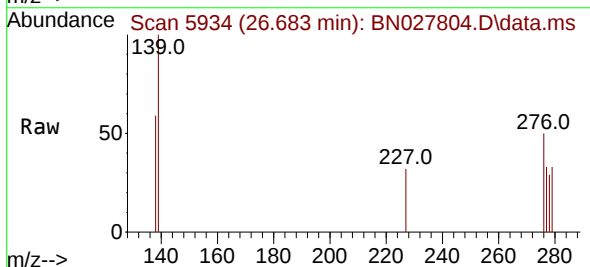
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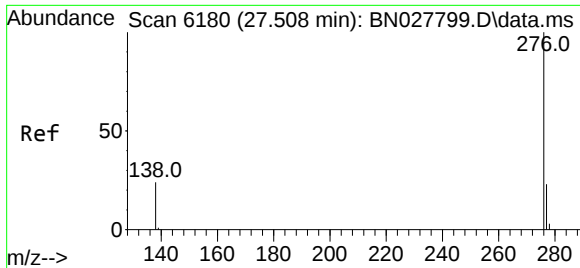
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. 0.000 min
Lab File: BN027804.D
Acq: 22 Sep 2023 02:09

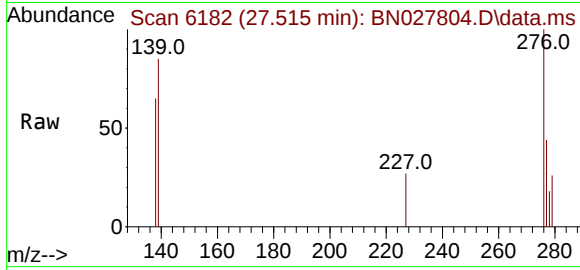
Tgt Ion:276 Resp: 7550
Ion Ratio Lower Upper
276 100
138 23.7 24.3 36.5
227 0.0 0.0 0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.316 ng/ul
 RT: 27.515 min Scan# 6182
 Delta R.T. 0.010 min
 Lab File: BN027804.D
 Acq: 22 Sep 2023 02:09

Instrument :
 BNA_N
 ClientSampleId :
 EZYF6



Tgt Ion:	276	Resp:	2297
Ion Ratio	Lower	Upper	
276	100		
138	65.0	21.7	32.5
277	43.5	20.2	30.2

Manual Integrations
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Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

