

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027918.D
 Acq On : 28 Sep 2023 10:27
 Operator : MA/JU
 Sample : 04417-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYF1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 28 11:17:01 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	7.954	152	3771	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	13742	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	8600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	19641	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.539	240	18549	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	17646	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	10645	2.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	3084	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	7755	0.137	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.823	128	3545	0.090	ng/ul	94
7) 2-Methylnaphthalene	12.429	142	2755	0.111	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	1796	0.070	ng/ul	98
15) Phenanthrene	17.392	178	9679	0.157	ng/ul#	92
19) Fluoranthene	19.408	202	12174	0.162	ng/ul#	92
20) Pyrene	19.776	202	19363m	0.251	ng/ul	
21) Benzo(a)anthracene	21.519	228	5217	0.073	ng/ul#	41
22) Chrysene	21.551	228	17061m	0.230	ng/ul	
24) Benzo(b)fluoranthene	23.243	252	14243m	0.181	ng/ul	
25) Benzo(k)fluoranthene	23.293	252	4901m	0.064	ng/ul	
26) Benzo(a)pyrene	23.898	252	6806	0.108	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.603	276	6372	0.079	ng/ul#	98
29) Benzo(g,h,i)perylene	27.421	276	14176	0.206	ng/ul#	61

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

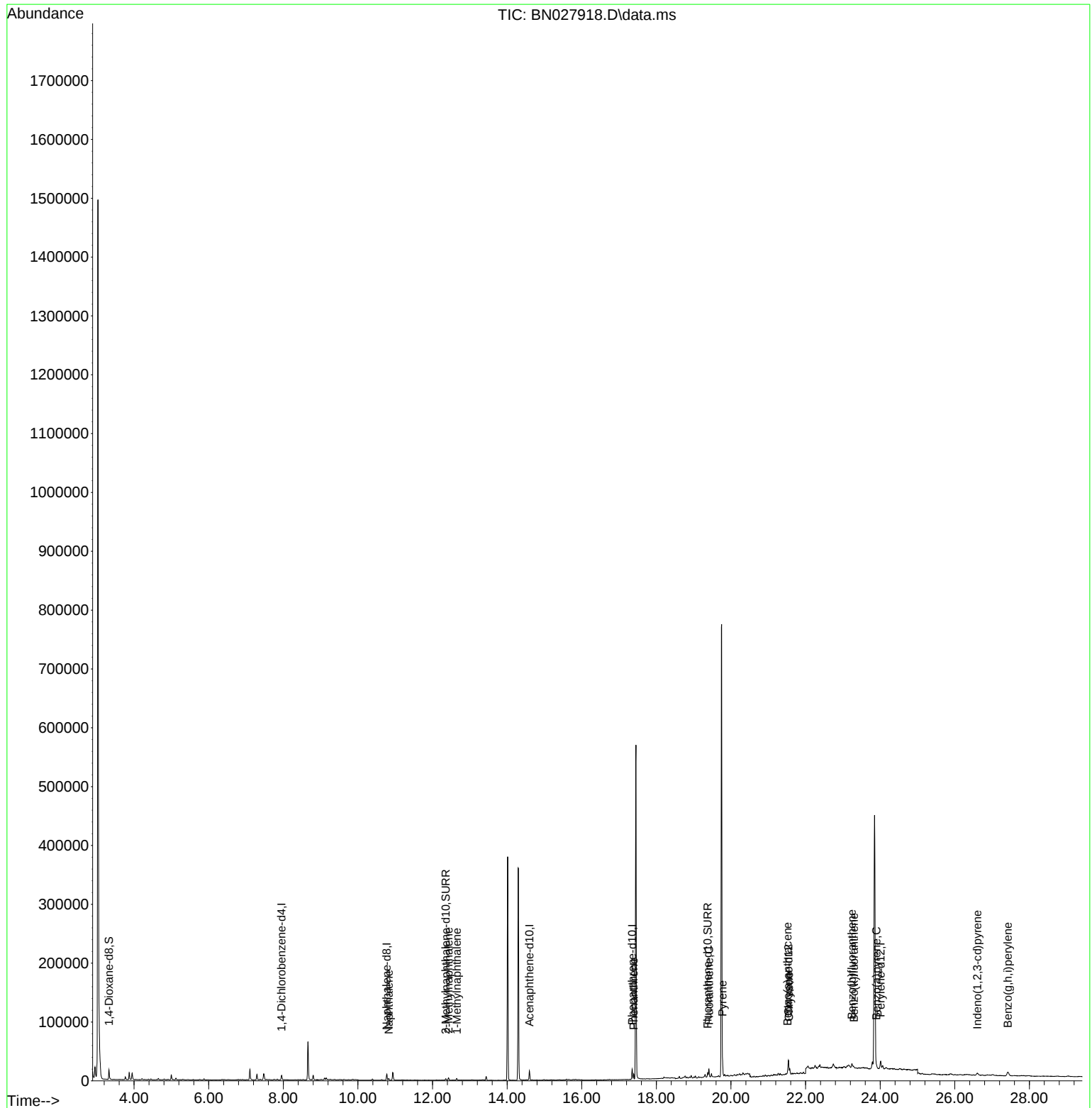
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027918.D
Acq On : 28 Sep 2023 10:27
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ALS Vial : 4 Sample Multiplier: 1

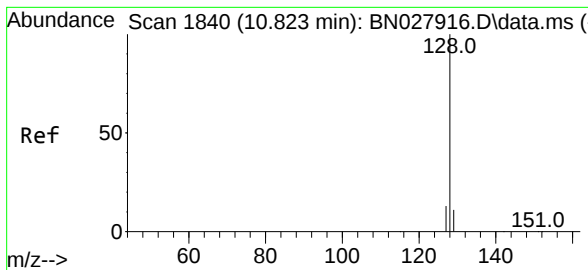
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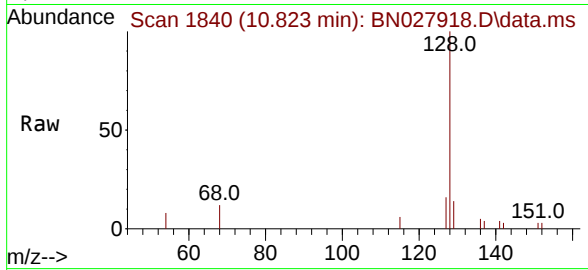
Quant Time: Sep 28 11:17:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.823 min Scan# 1840
Delta R.T. -0.011 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

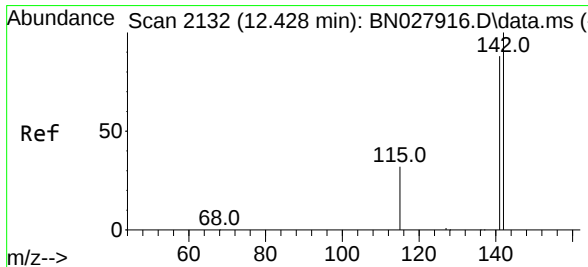
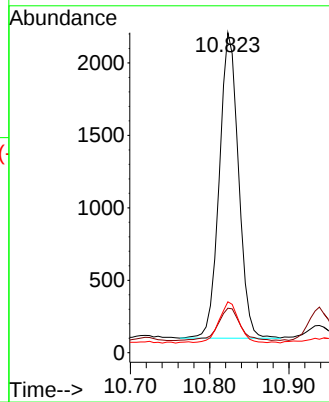
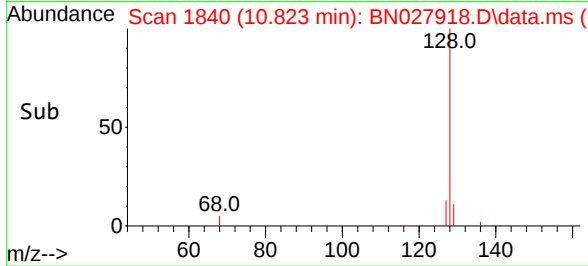
Instrument :
BNA_N
ClientSampleId :
EZYF1



Tgt Ion:128 Resp: 3549
Ion Ratio Lower Upper
128 100
129 13.9 9.3 13.9
127 15.9 10.7 16.1

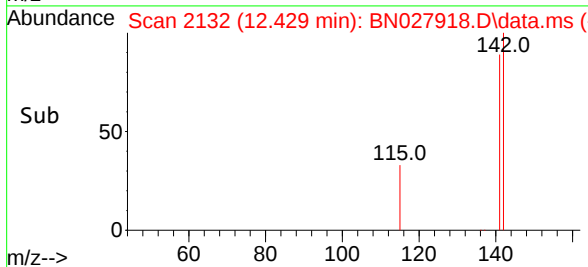
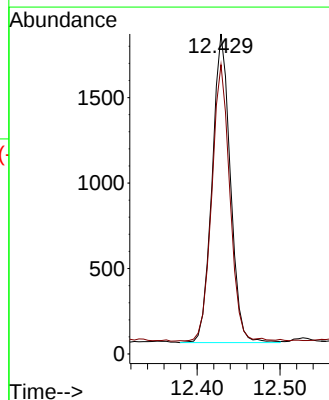
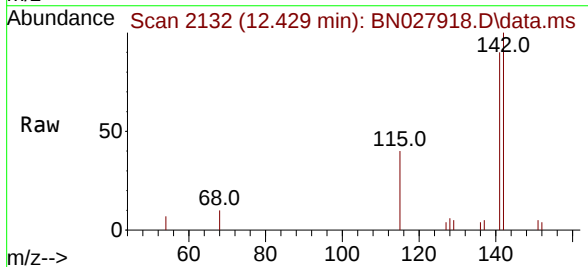
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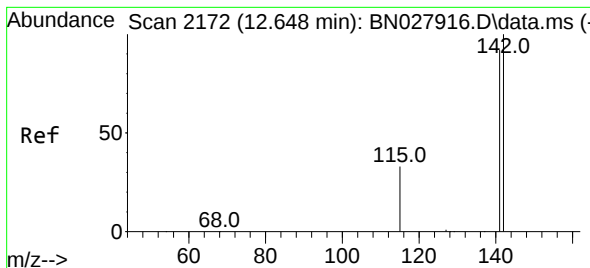
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#7
2-Methylnaphthalene
Concen: 0.111 ng/ul
RT: 12.429 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

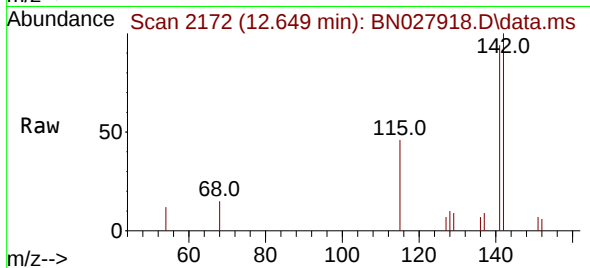
Tgt Ion:142 Resp: 2755
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.649 min Scan# 2170
Delta R.T. -0.005 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

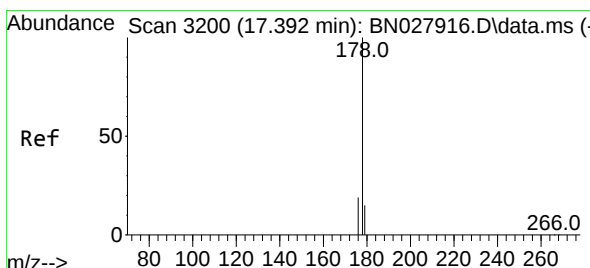
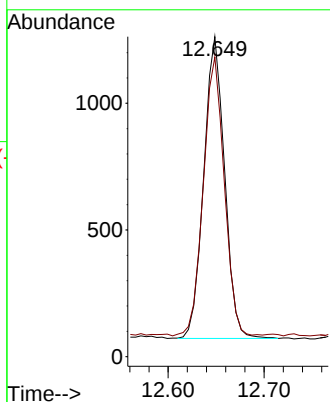
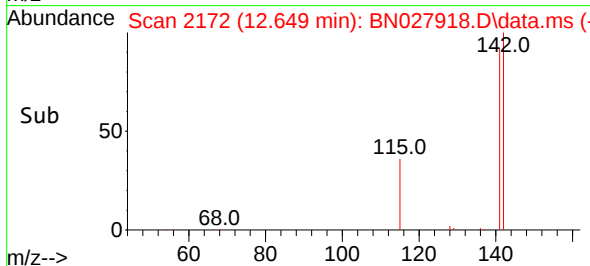
Instrument :
BNA_N
ClientSampleId :
EZYF1



Tgt Ion:142 Resp: 1790
Ion Ratio Lower Upper
142 100
141 92.9 72.8 109.2

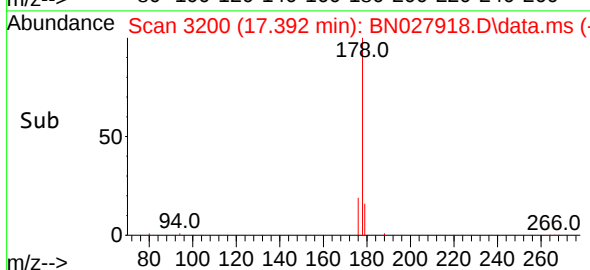
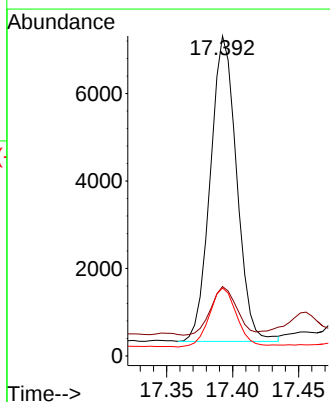
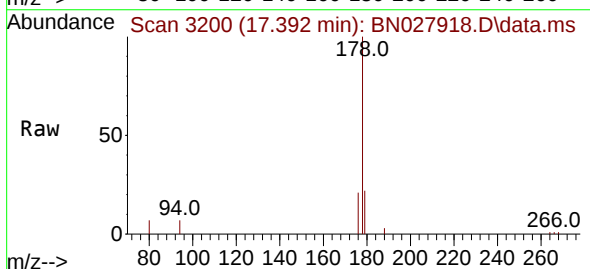
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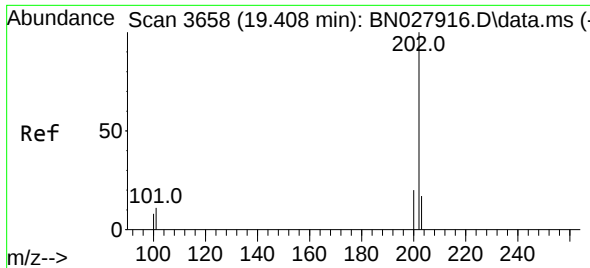
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#15
Phenanthrene
Concen: 0.157 ng/ul
RT: 17.392 min Scan# 3200
Delta R.T. -0.004 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

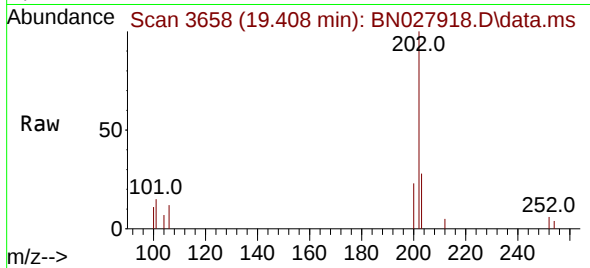
Tgt Ion:178 Resp: 9679
Ion Ratio Lower Upper
178 100
179 21.7 12.4 18.6#
176 21.3 16.0 24.0





#19
Fluoranthene
Concen: 0.162 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

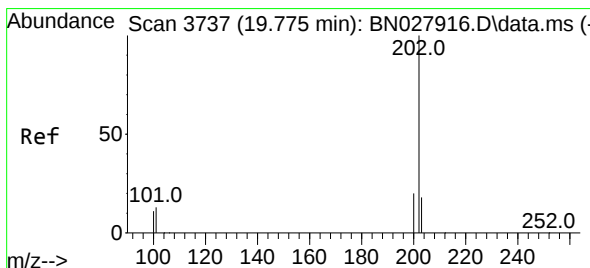
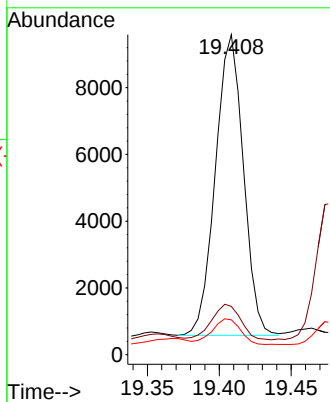
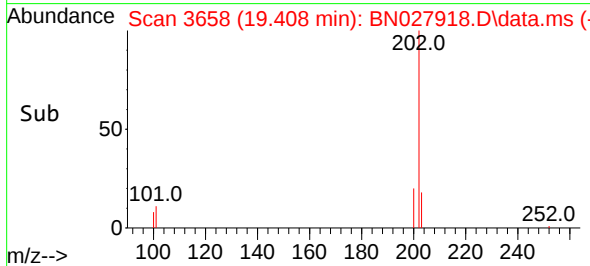
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 12174
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9
100 10.9 7.0 10.4

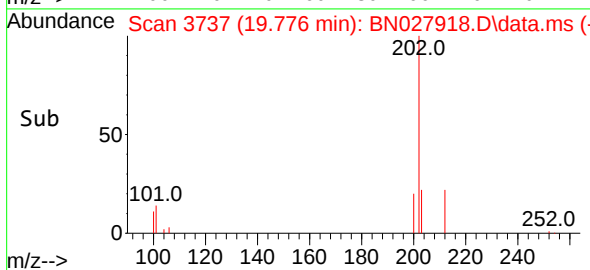
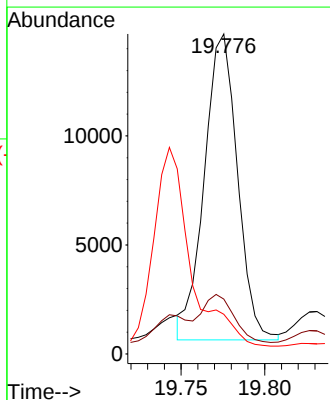
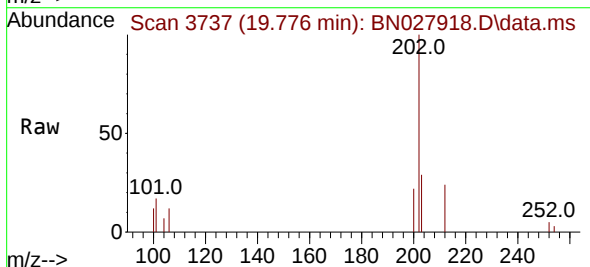
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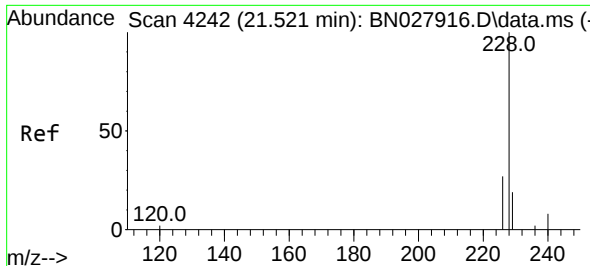
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#20
Pyrene
Concen: 0.251 ng/ul m
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

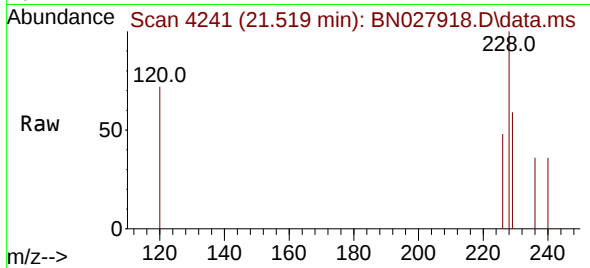
Tgt Ion:202 Resp: 19363
Ion Ratio Lower Upper
202 100
101 17.1 11.4 17.0
100 12.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.073 ng/ul
RT: 21.519 min Scan# 4241
Delta R.T. 0.000 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

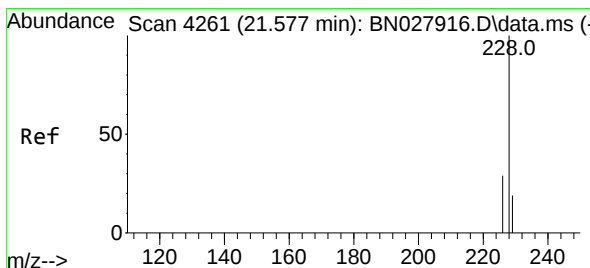
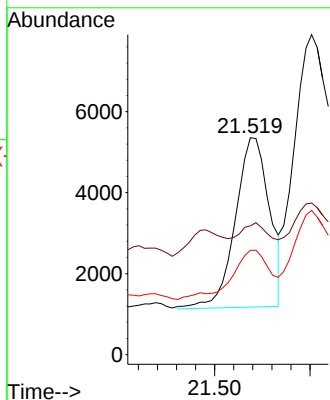
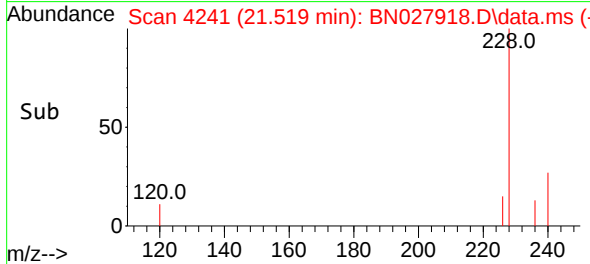
Instrument :
BNA_N
ClientSampleId :
EZYF1



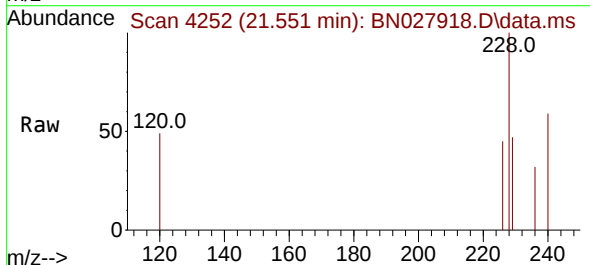
Tgt Ion:228 Resp: 5217
Ion Ratio Lower Upper
228 100
229 59.4 15.8 23.8#
226 48.1 22.0 33.0#

Manual Integrations
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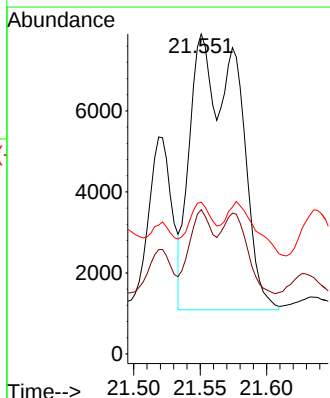
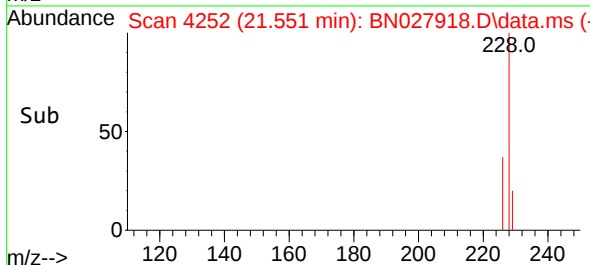
Reviewed By :Yogesh Patel 09/29/2023
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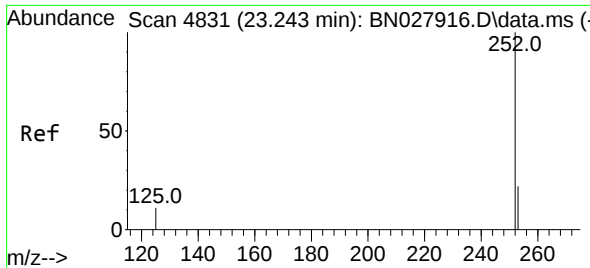


#22
Chrysene
Concen: 0.230 ng/ul m
RT: 21.551 min Scan# 4252
Delta R.T. -0.023 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27



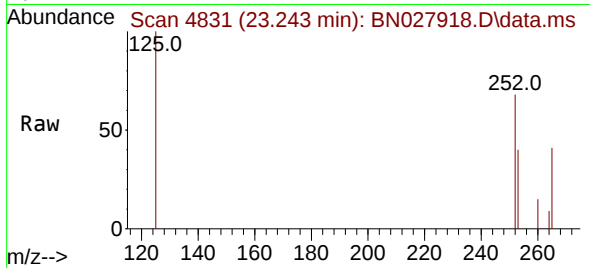
Tgt Ion:228 Resp: 17061
Ion Ratio Lower Upper
228 100
226 45.1 24.5 36.7#
229 47.4 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul m
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

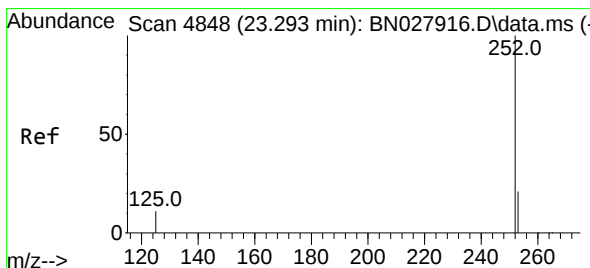
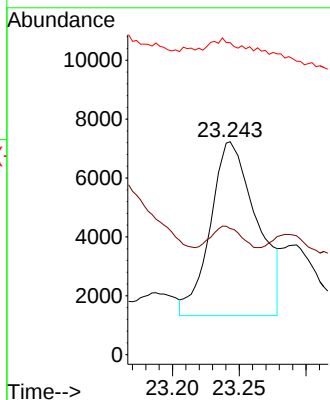
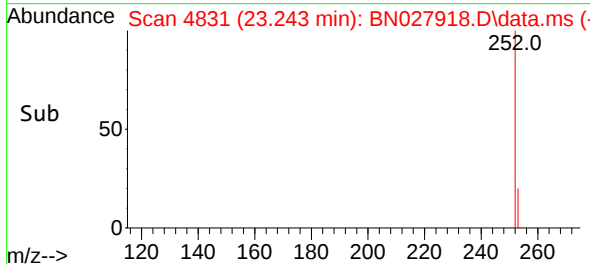
Instrument :
BNA_N
ClientSampleId :
EZYF1



Tgt Ion:252 Resp: 1424
Ion Ratio Lower Upper
252 100
253 59.2 0.0 50.2
125 146.5 0.0 31.4

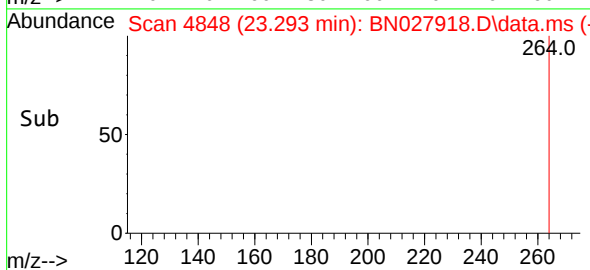
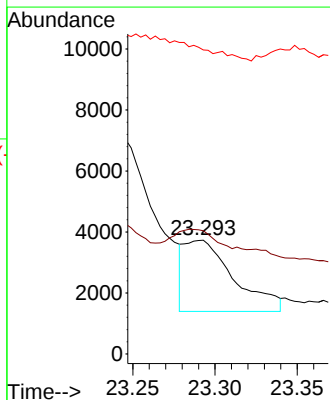
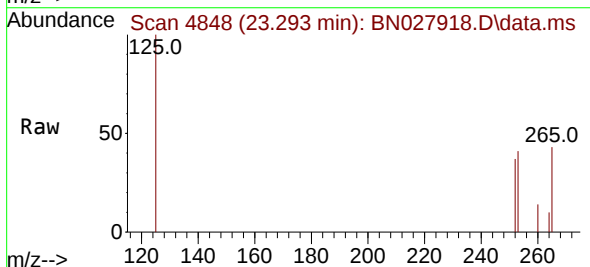
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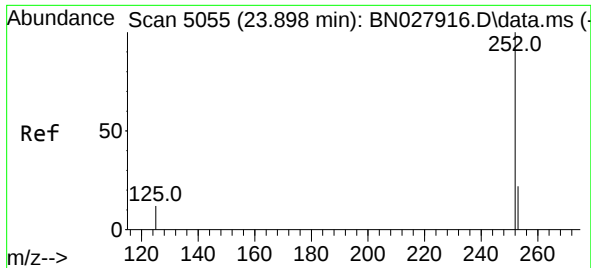
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.064 ng/ul m
RT: 23.293 min Scan# 4848
Delta R.T. 0.000 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

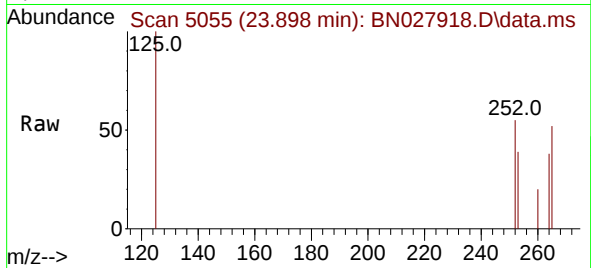
Tgt Ion:252 Resp: 4901
Ion Ratio Lower Upper
252 100
253 108.4 19.9 29.9#
125 267.4 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.108 ng/ul
RT: 23.898 min Scan# 5055
Delta R.T. 0.003 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

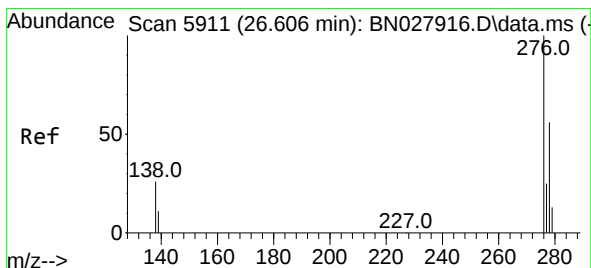
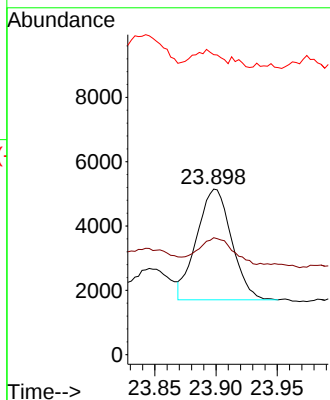
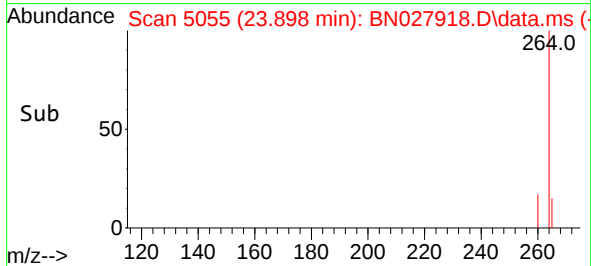
Instrument :
BNA_N
ClientSampleId :
EZYF1



Tgt Ion:252 Resp: 6800
Ion Ratio Lower Upper
252 100
253 70.6 21.9 32.9
125 181.2 15.5 23.3

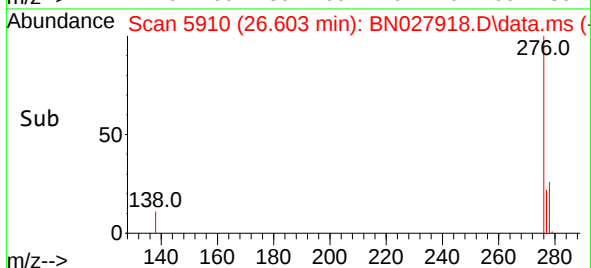
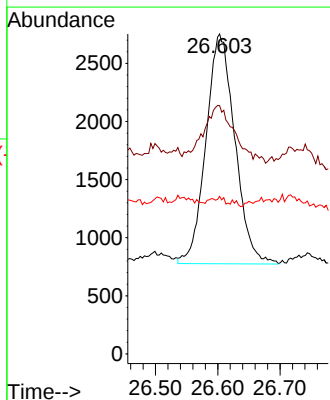
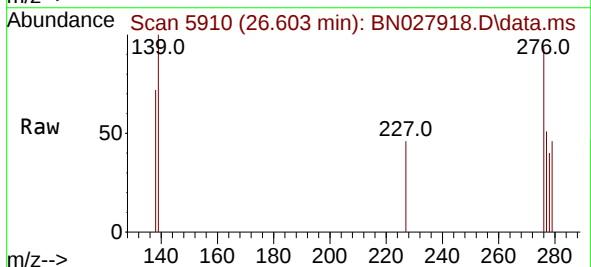
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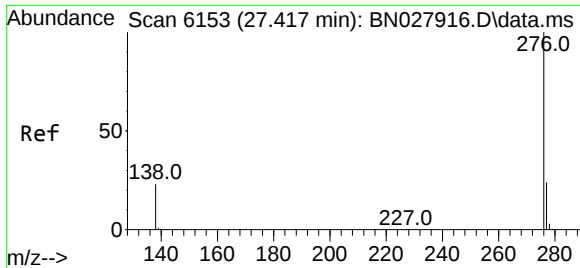
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.004 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

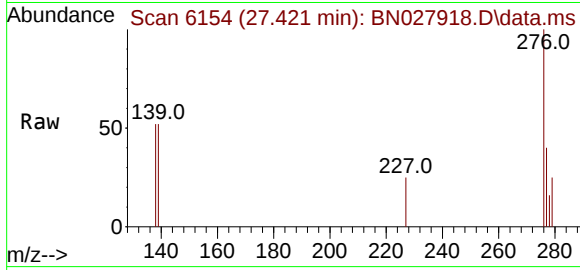
Tgt Ion:276 Resp: 6372
Ion Ratio Lower Upper
276 100
138 29.1 24.3 36.5
227 1.9 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 27.421 min Scan# 6154
Delta R.T. 0.011 min
Lab File: BN027918.D
Acq: 28 Sep 2023 10:27

Instrument :
BNA_N
ClientSampleId :
EZYF1



Tgt Ion:276 Resp: 14170
Ion Ratio Lower Upper
276 100
138 52.5 21.7 32.5
277 39.9 20.2 30.2

Manual Integrations
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