

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022318.D
 Acq On : 25 Oct 2022 10:18
 Operator : CG/JU
 Sample : N5119-02DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 27 05:12:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	5171	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	17491	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8736	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	14781	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	10098	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	9336	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5556	0.827	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1295	0.049	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1791	0.053	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	3361	0.065	ng/ul#	95
7) 2-Methylnaphthalene	12.444	142	2101	0.065	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	1626	0.049	ng/ul	99
15) Phenanthrene	17.412	178	12246	0.247	ng/ul	99
16) Anthracene	17.505	178	2312	0.055	ng/ul#	92
19) Fluoranthene	19.435	202	28274	0.611	ng/ul	100
20) Pyrene	19.802	202	25620	0.551	ng/ul	99
21) Benzo(a)anthracene	21.559	228	12715	0.336	ng/ul	97
22) Chrysene	21.614	228	14104	0.352	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	21483m	0.458	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	7551m	0.166	ng/ul	
26) Benzo(a)pyrene	23.923	252	14406	0.385	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.612	276	11453	0.246	ng/ul	92
28) Dibenzo(a,h)anthracene	26.628	278	2551	0.069	ng/ul#	67
29) Benzo(g,h,i)perylene	27.410	276	10082	0.266	ng/ul	97

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

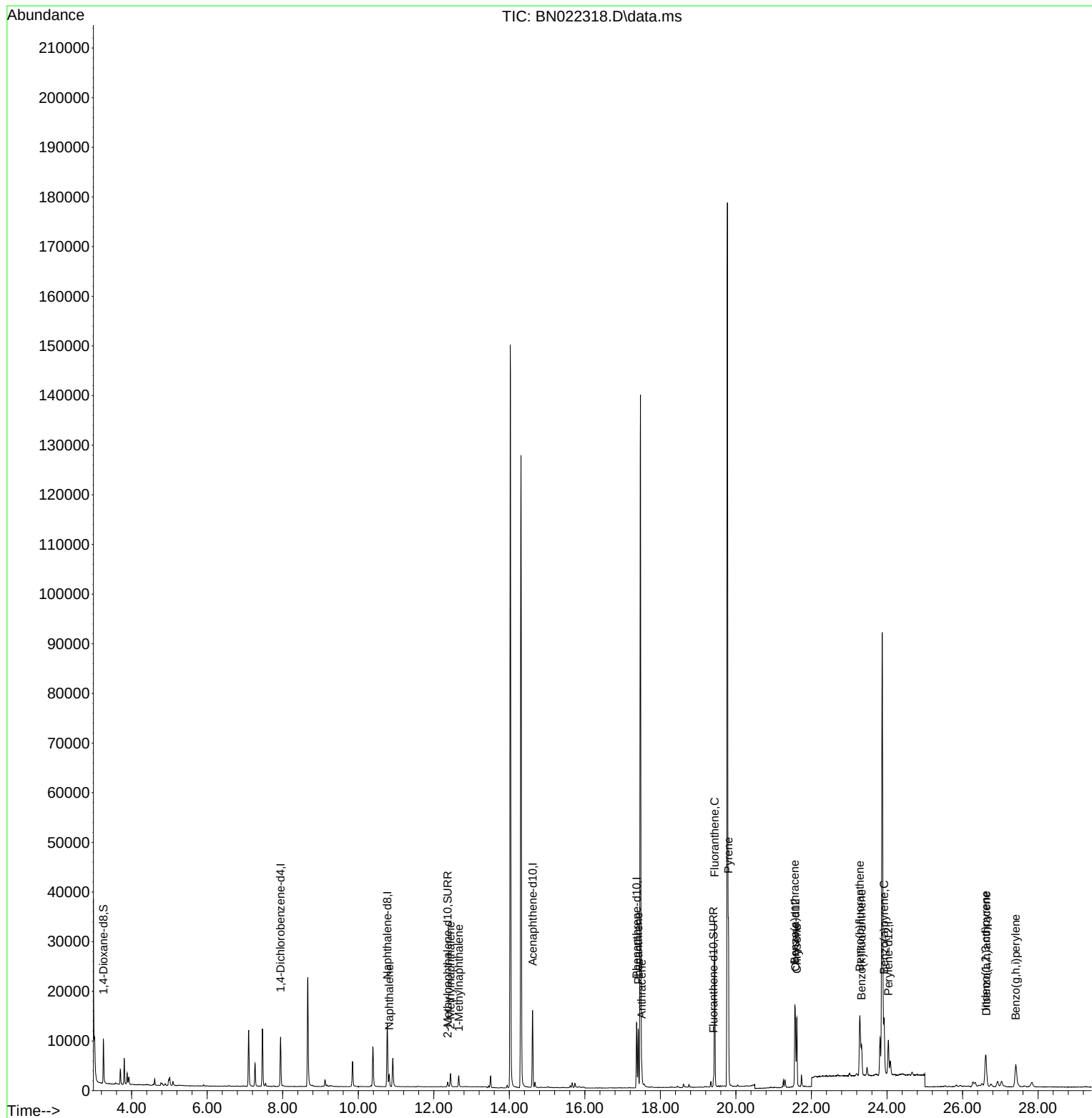
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
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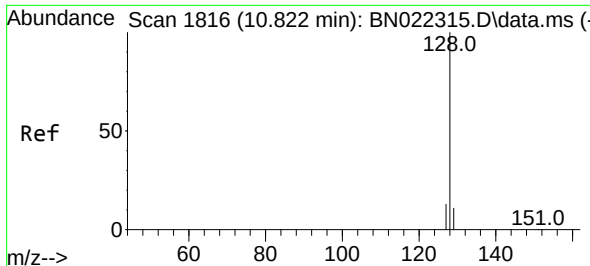
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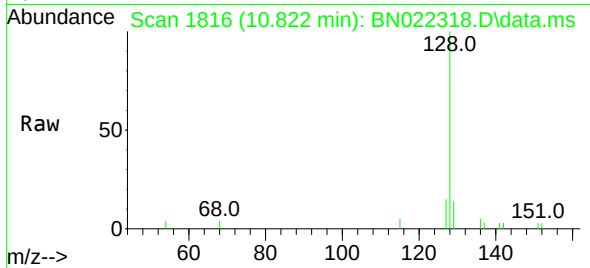
Quant Time: Oct 27 05:12:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
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#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

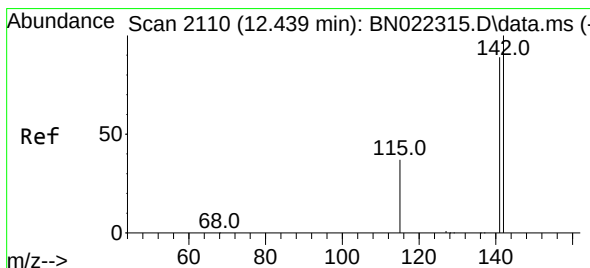
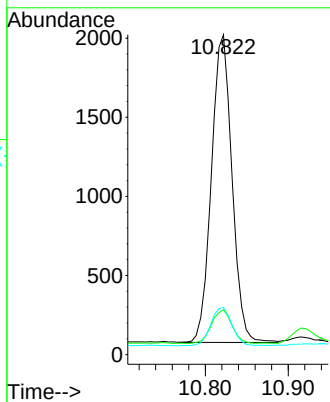
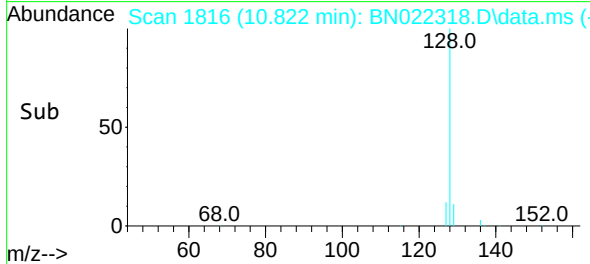
Instrument :
BNA_N
ClientSampleId :
C0BC3DL



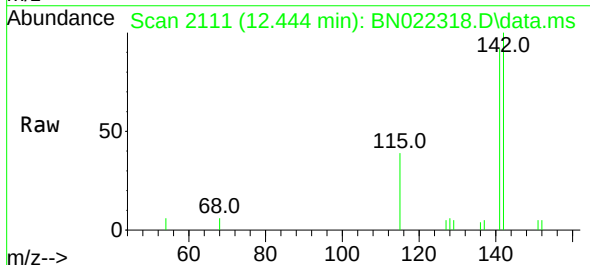
Tgt Ion:128 Resp: 336
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9
127 14.7 10.7 16.1

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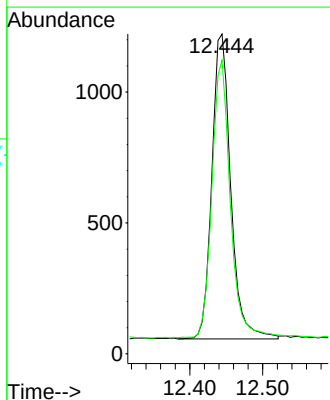
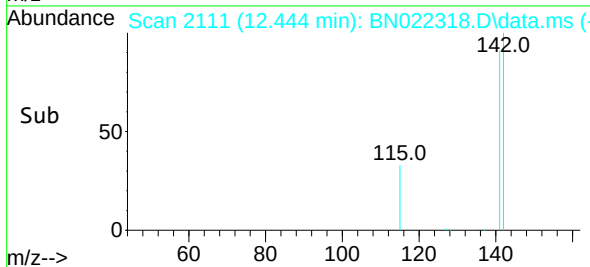
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

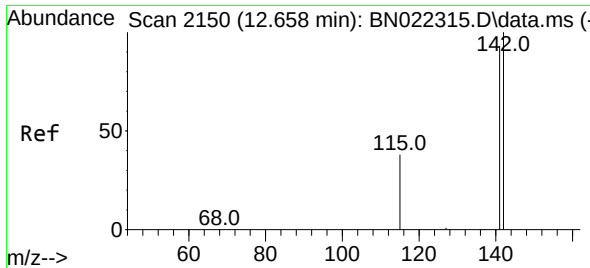


#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18



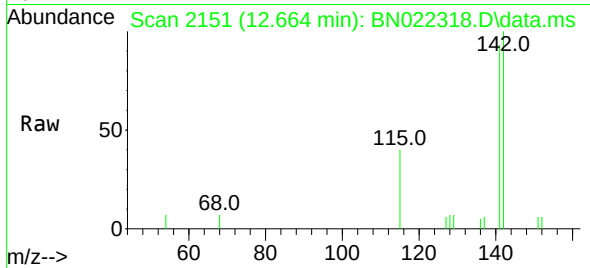
Tgt Ion:142 Resp: 2101
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.664 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

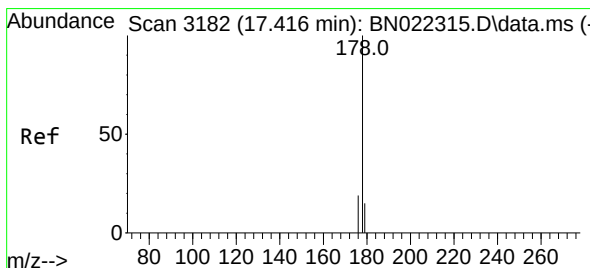
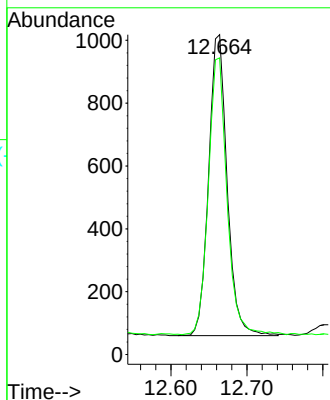
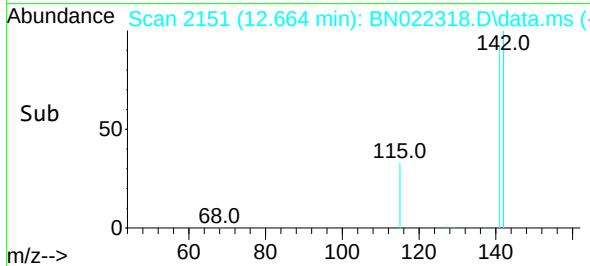
Instrument :
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Tgt Ion:142 Resp: 1620
Ion Ratio Lower Upper
142 100
141 92.4 73.3 109.9

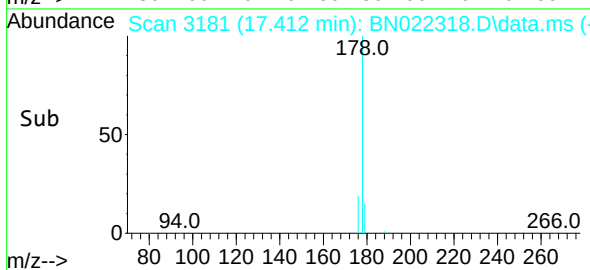
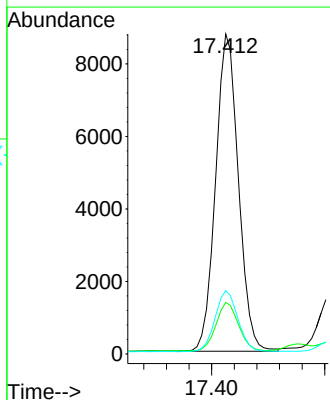
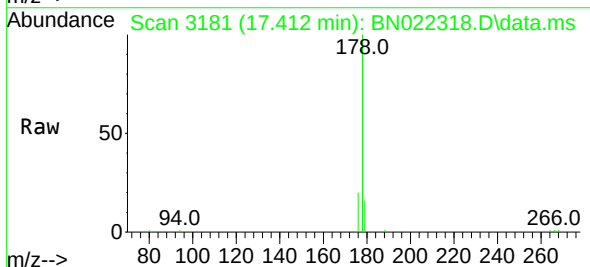
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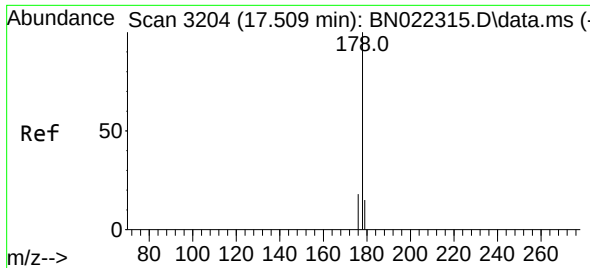
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

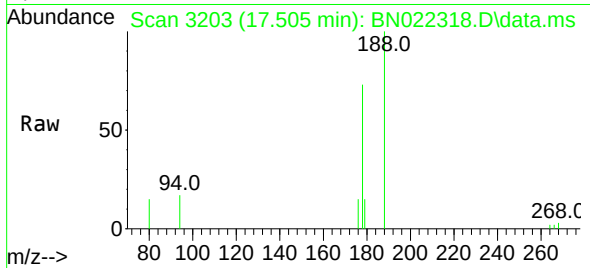
Tgt Ion:178 Resp: 12246
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.8 15.4 23.2





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.505 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN022318.D
 Acq: 25 Oct 2022 10:18

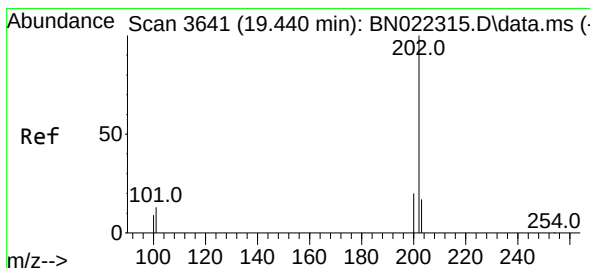
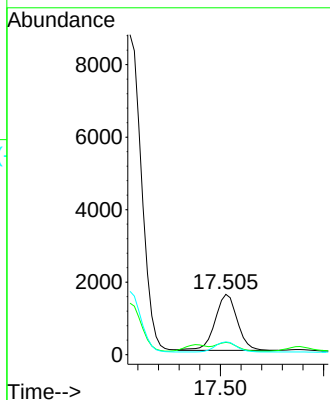
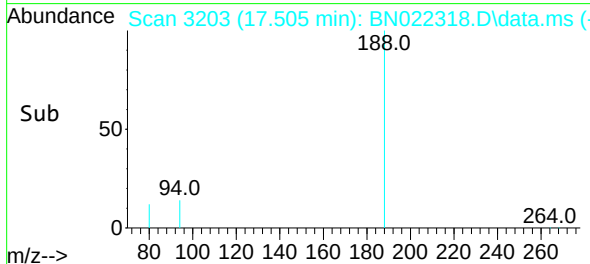
Instrument :
 BNA_N
 ClientSampleId :
 C0BC3DL



Tgt Ion:178 Resp: 2312
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.6 18.8
 176 21.3 15.0 22.6

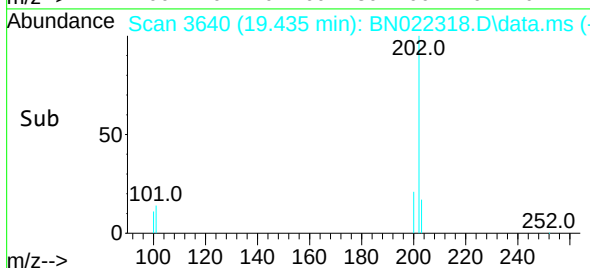
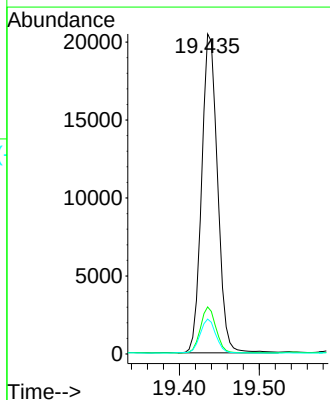
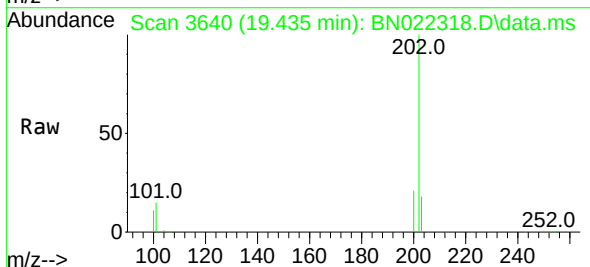
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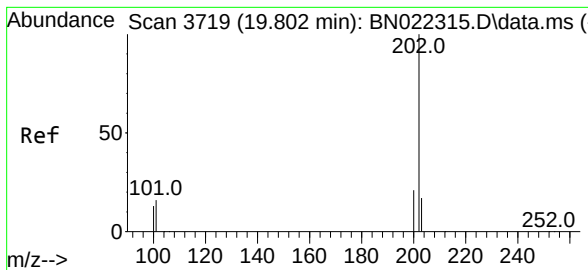
Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 0.611 ng/ul
 RT: 19.435 min Scan# 3640
 Delta R.T. -0.005 min
 Lab File: BN022318.D
 Acq: 25 Oct 2022 10:18

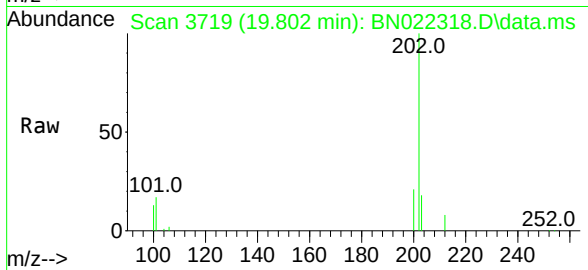
Tgt Ion:202 Resp: 28274
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.8 17.6
 100 10.9 8.7 13.1





#20
Pyrene
Concen: 0.551 ng/ul
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

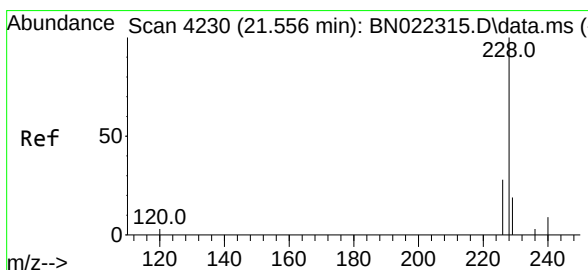
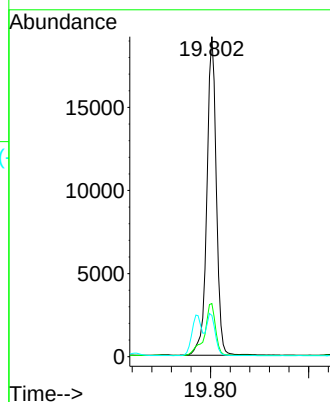
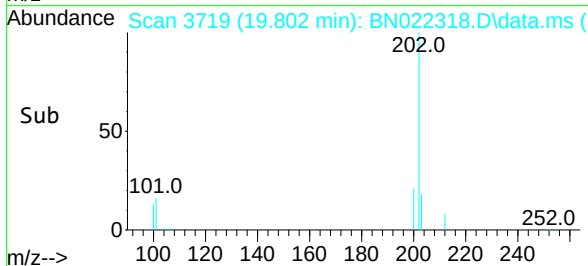
Instrument :
BNA_N
ClientSampleId :
C0BC3DL



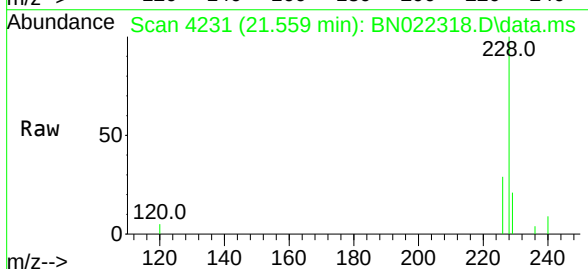
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.6	13.1	19.7
100	12.9	10.6	16.0

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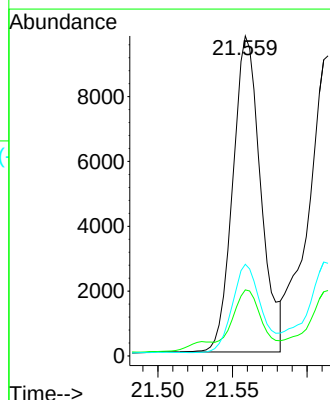
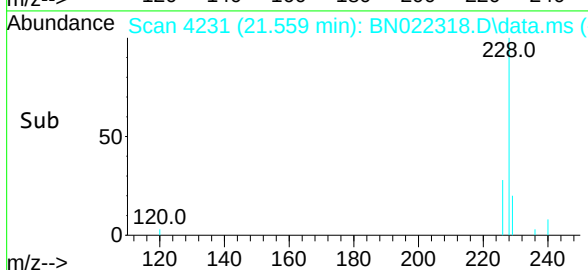
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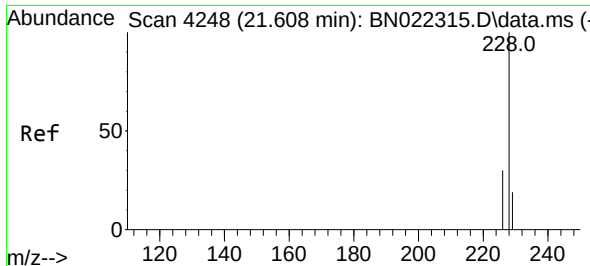


#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18



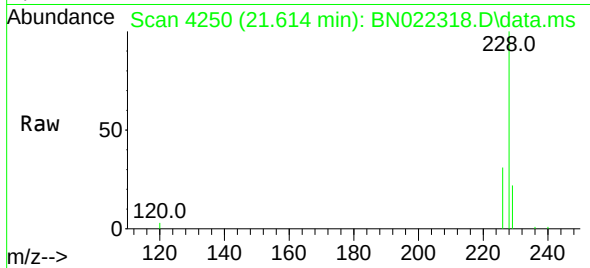
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.7	21.5	32.3





#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.614 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

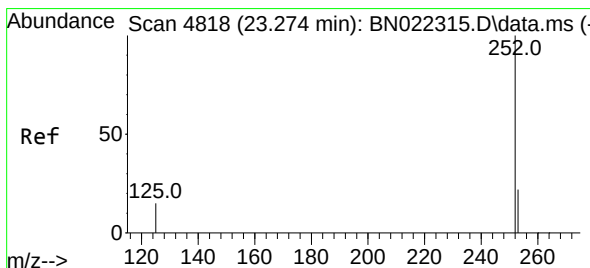
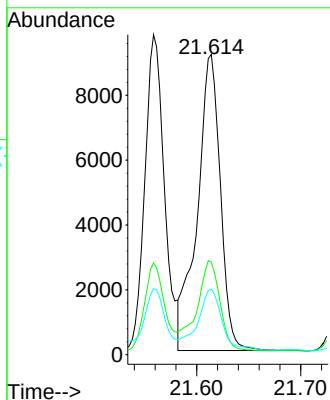
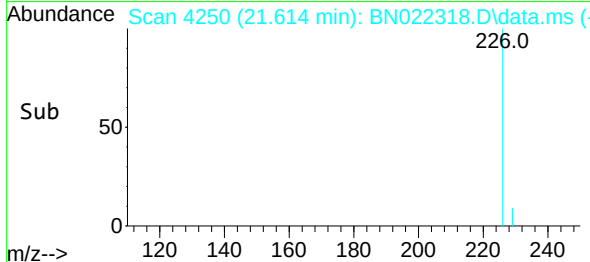
Instrument :
BNA_N
ClientSampleId :
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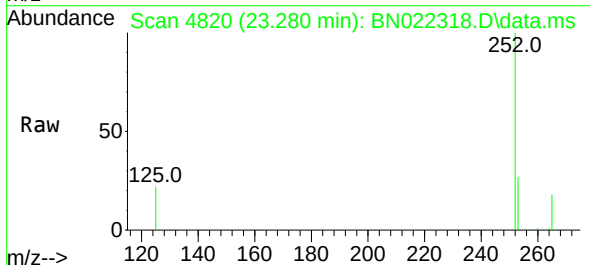
Tgt Ion:228 Resp: 14104
Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 21.8 15.9 23.9

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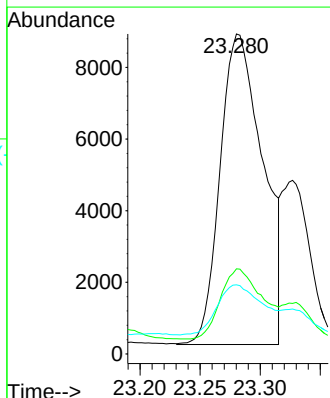
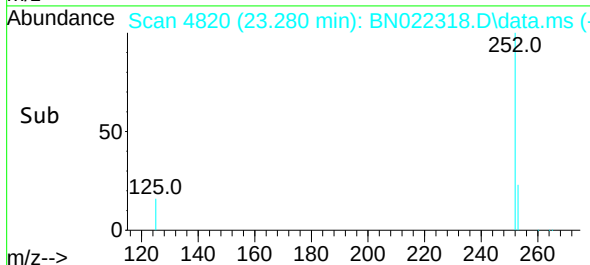
Reviewed By :Jagrut Upadhyay 10/27/2022
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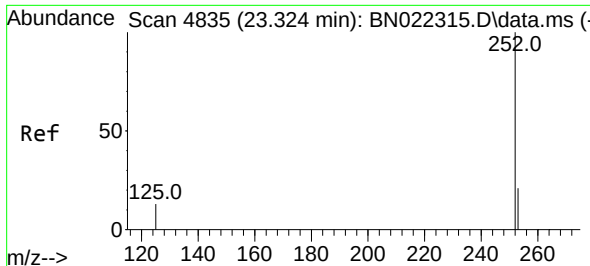


#24
Benzo(b)fluoranthene
Concen: 0.458 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18



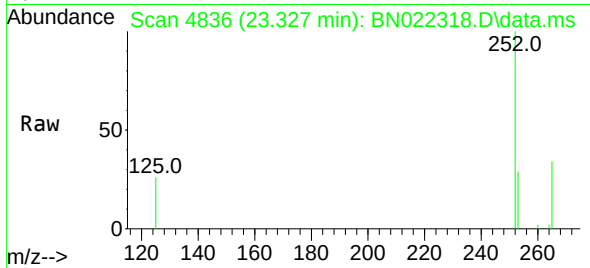
Tgt Ion:252 Resp: 21483
Ion Ratio Lower Upper
252 100
253 26.6 0.0 49.0
125 21.6 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.166 ng/ul m
RT: 23.327 min Scan# 4835
Delta R.T. 0.000 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

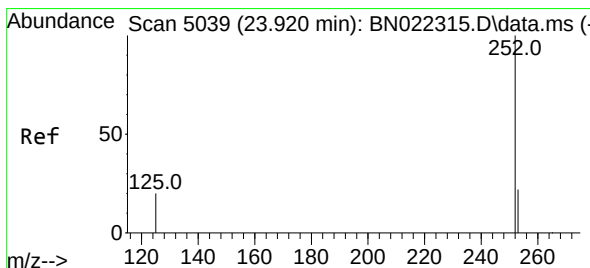
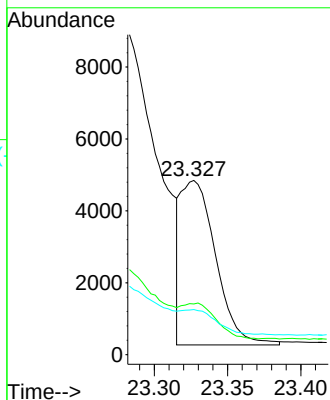
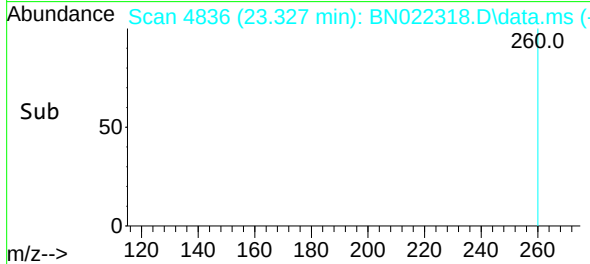
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 755
Ion Ratio Lower Upper
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253 29.2 19.7 29.5
125 25.9 14.0 21.0

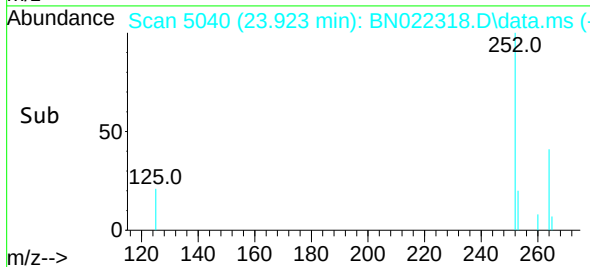
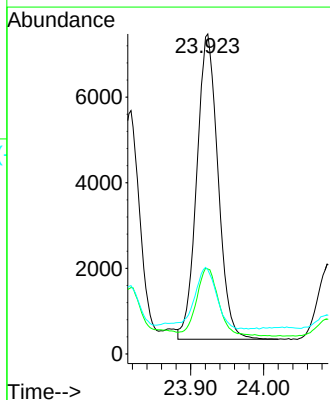
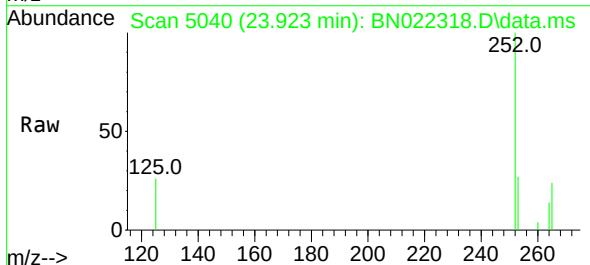
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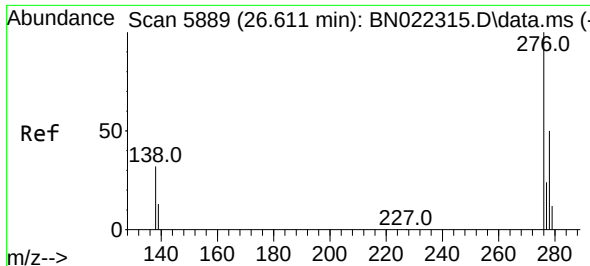
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

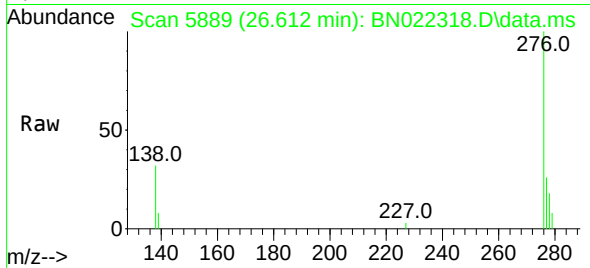
Tgt Ion:252 Resp: 14406
Ion Ratio Lower Upper
252 100
253 26.5 21.0 31.6
125 26.3 17.9 26.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18

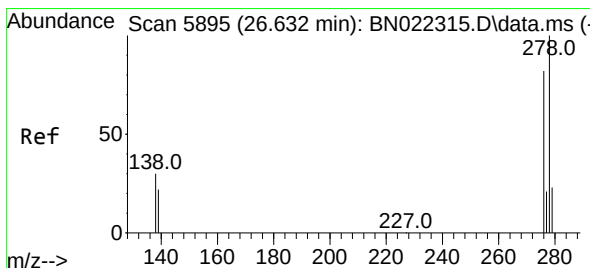
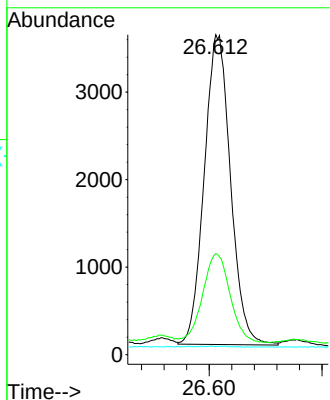
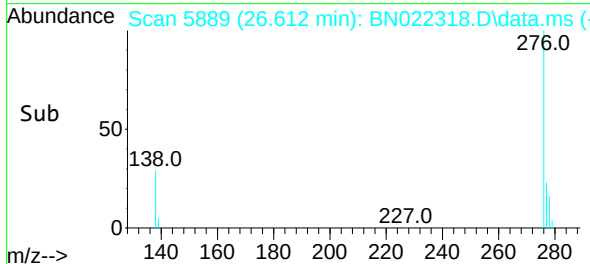
Instrument :
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ClientSampleId :
C0BC3DL



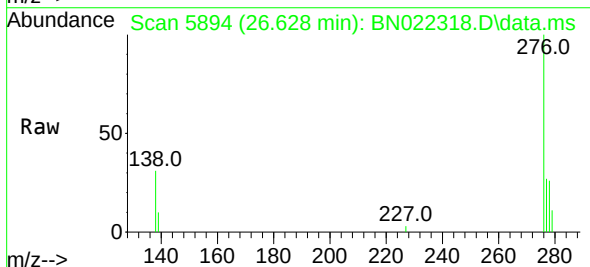
Tgt Ion: 276 Resp: 1145
Ion Ratio Lower Upper
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138 29.8 27.7 41.5
227 0.2 0.2 0.2

Manual Integrations
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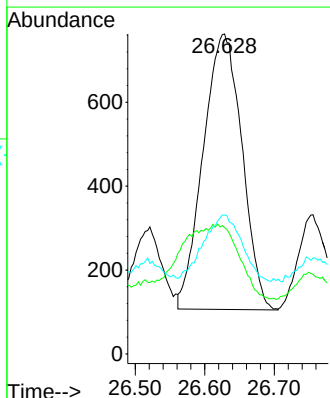
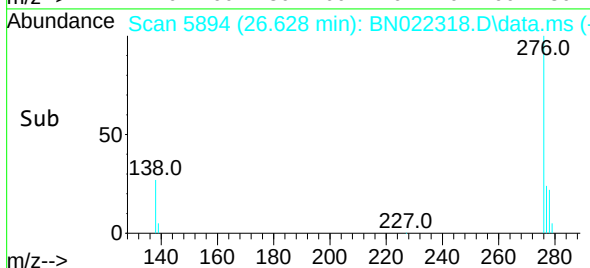
Reviewed By :Jagrut Upadhyay 10/27/2022
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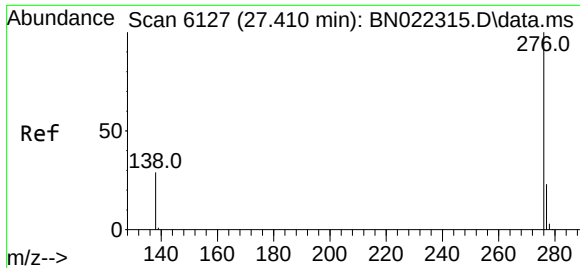


#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. -0.010 min
Lab File: BN022318.D
Acq: 25 Oct 2022 10:18



Tgt Ion: 278 Resp: 2551
Ion Ratio Lower Upper
278 100
139 39.4 19.6 29.4#
279 43.4 20.6 30.8#





#29

Benzo(g,h,i)perylene

Concen: 0.266 ng/ul

RT: 27.410 min Scan# 61

Delta R.T. 0.000 min

Lab File: BN022318.D

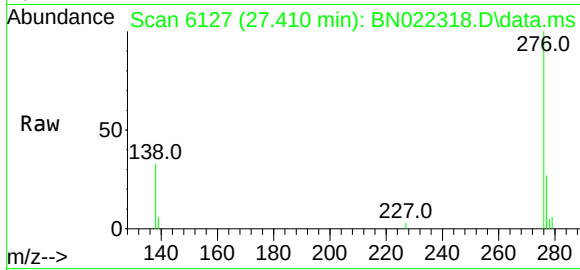
Acq: 25 Oct 2022 10:18

Instrument :

BNA_N

ClientSampleId :

C0BC3DL



Tgt Ion:276 Resp: 1008

Ion Ratio Lower Upper

276 100

138 33.3 25.2 37.8

277 26.7 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022

Supervised By :mohammad ahmed 10/27/2022

