

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022304.D
 Acq On : 24 Oct 2022 18:21
 Operator : CG/JU
 Sample : N5070-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:37:23 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	4212	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14524	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7582	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13353	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	8583	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	8011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	19505	3.563	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5025	0.229	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	6711	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	1912	0.045	ng/ul#	88
7) 2-Methylnaphthalene	12.444	142	1304	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	1099	0.040	ng/ul	98
15) Phenanthrene	17.417	178	3102	0.069	ng/ul	94
16) Anthracene	17.505	178	865m	0.023	ng/ul	
19) Fluoranthene	19.440	202	5008	0.127	ng/ul	97
20) Pyrene	19.802	202	5563m	0.141	ng/ul	
21) Benzo(a)anthracene	21.558	228	2349	0.073	ng/ul#	90
22) Chrysene	21.614	228	3024	0.089	ng/ul	93
24) Benzo(b)fluoranthene	23.286	252	3699m	0.092	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	1121m	0.029	ng/ul	
26) Benzo(a)pyrene	23.923	252	2400	0.075	ng/ul#	28
27) Indeno(1,2,3-cd)pyrene	26.618	276	1743	0.044	ng/ul#	91
29) Benzo(g,h,i)perylene	27.413	276	1918	0.059	ng/ul#	79

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

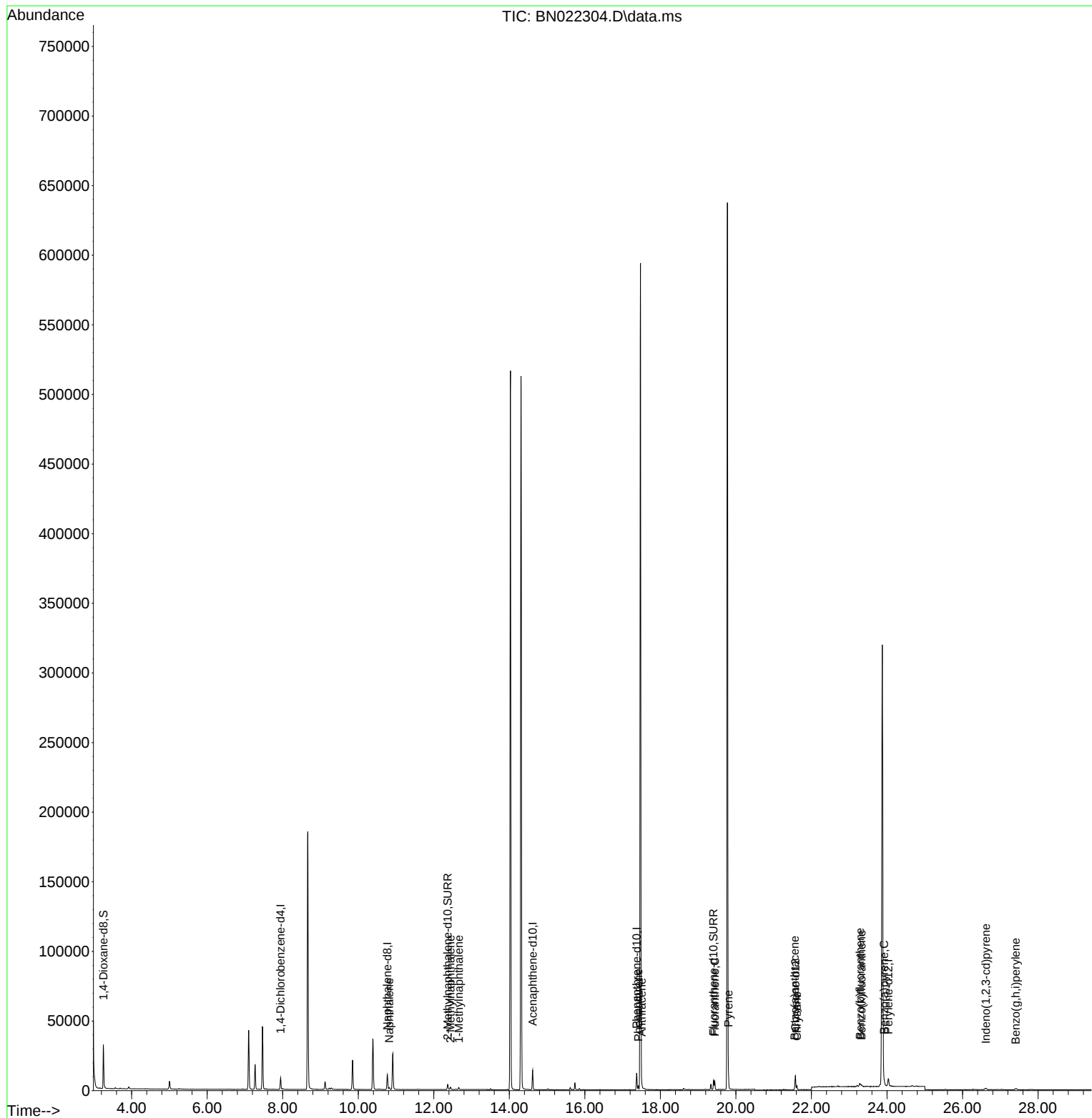
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022304.D
Acq On : 24 Oct 2022 18:21
Operator : CG/JU
Sample : N5070-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

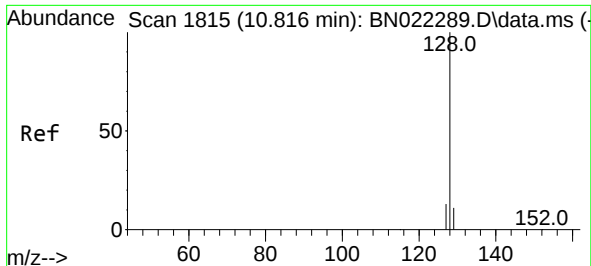
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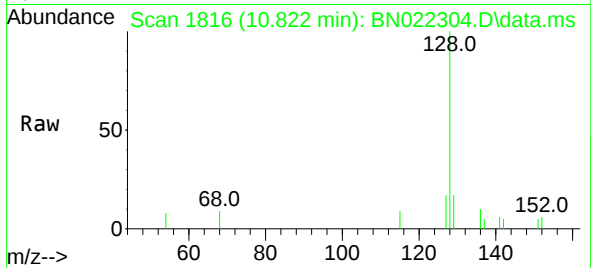
Quant Time: Oct 25 04:37:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
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#5
Naphthalene
Concen: 0.045 ng/ul
RT: 10.822 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

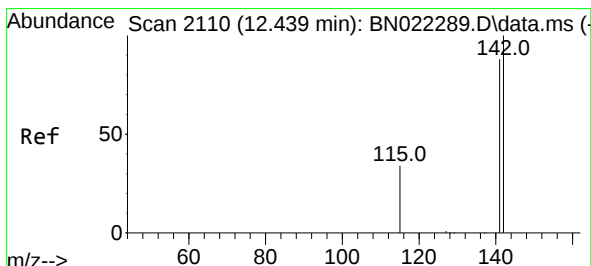
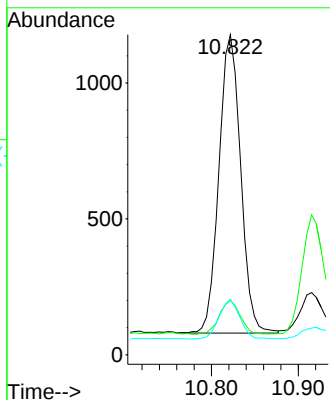
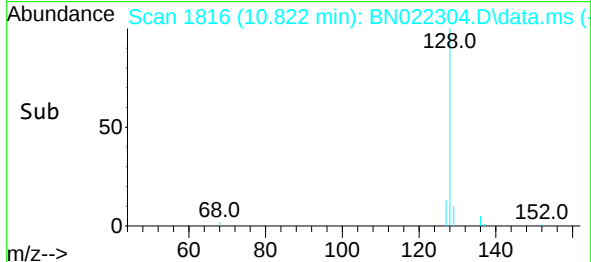
Instrument :
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Tgt Ion:128 Resp: 191
Ion Ratio Lower Upper
128 100
129 17.0 9.3 13.9
127 17.3 10.7 16.1

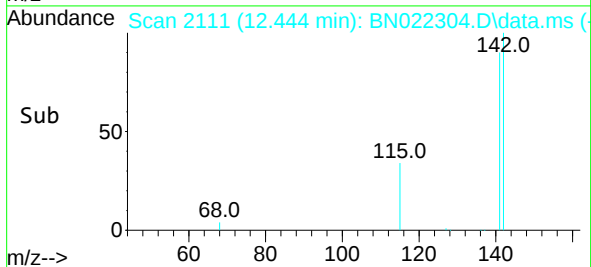
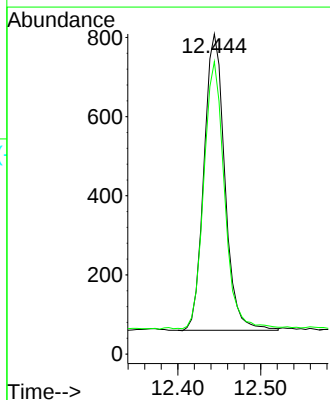
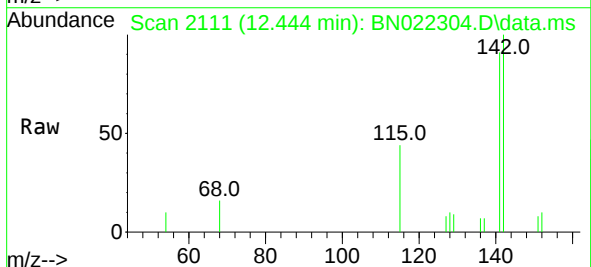
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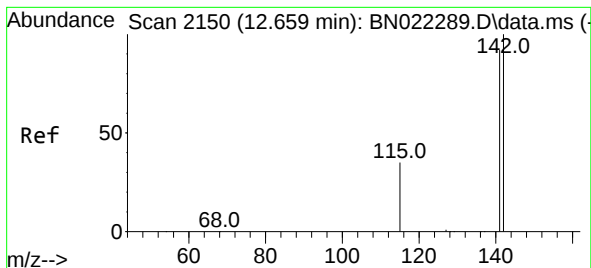
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.664 min Scan# 2151

Delta R.T. -0.000 min

Lab File: BN022304.D

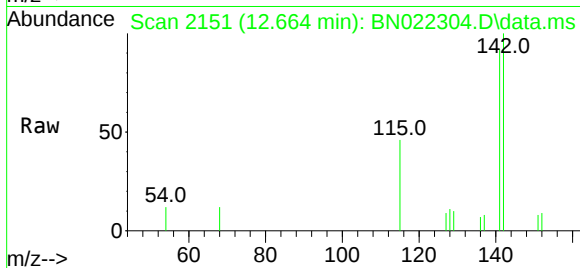
Acq: 24 Oct 2022 18:21

Instrument :

BNA_N

ClientSampleId :

C0BS5



Tgt Ion:142 Resp: 1099

Ion Ratio Lower Upper

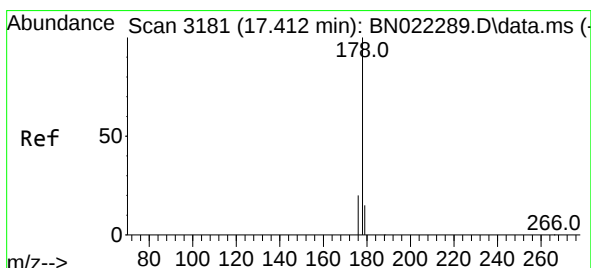
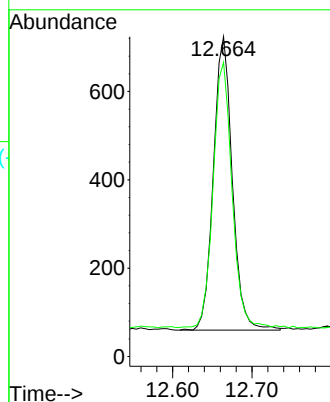
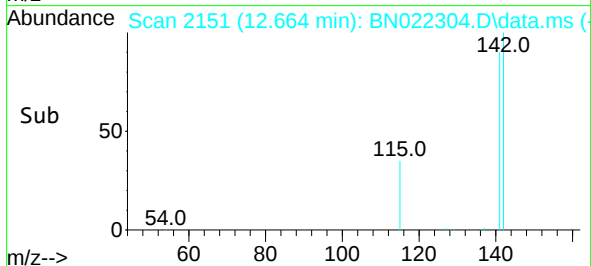
142 100

141 89.9 73.3 109.9

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#15

Phenanthrene

Concen: 0.069 ng/ul

RT: 17.417 min Scan# 3182

Delta R.T. -0.000 min

Lab File: BN022304.D

Acq: 24 Oct 2022 18:21

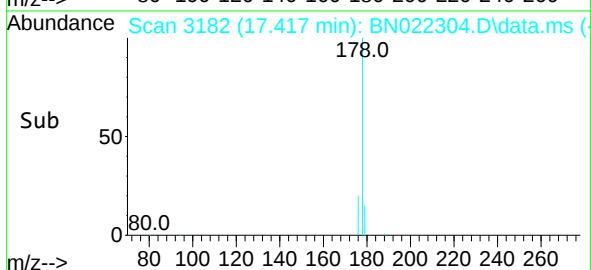
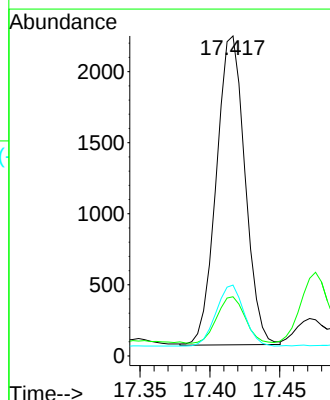
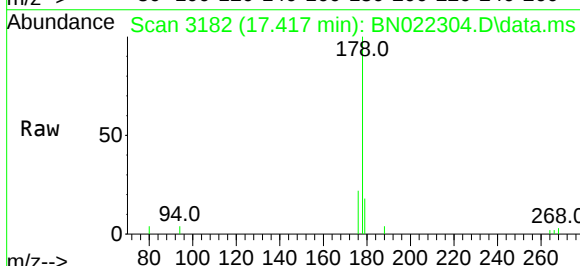
Tgt Ion:178 Resp: 3102

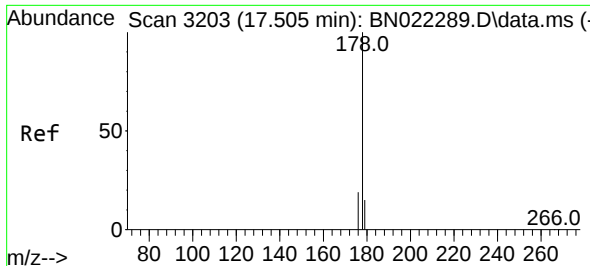
Ion Ratio Lower Upper

178 100

179 18.5 12.7 19.1

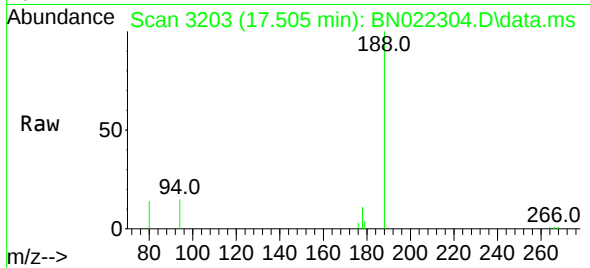
176 22.1 15.4 23.2





#16
 Anthracene
 Concen: 0.023 ng/ul m
 RT: 17.505 min Scan# 3203
 Delta R.T. -0.004 min
 Lab File: BN022304.D
 Acq: 24 Oct 2022 18:21

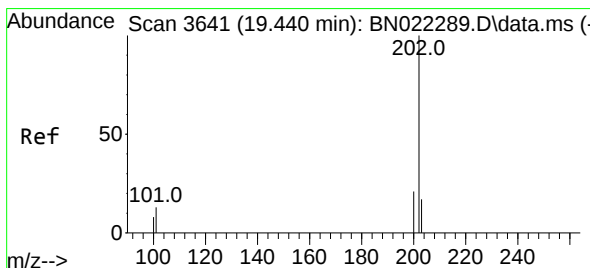
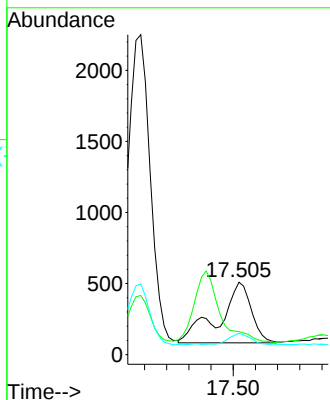
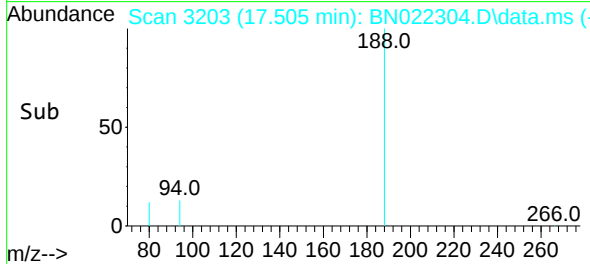
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 865
 Ion Ratio Lower Upper
 178 100
 179 31.8 12.6 18.8
 176 29.4 15.0 22.6

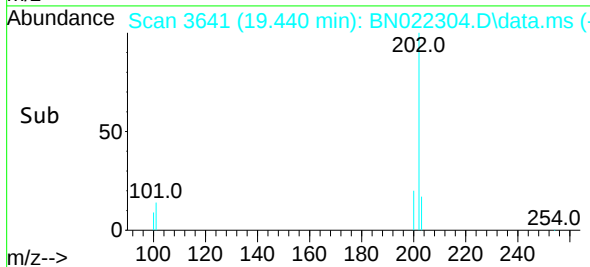
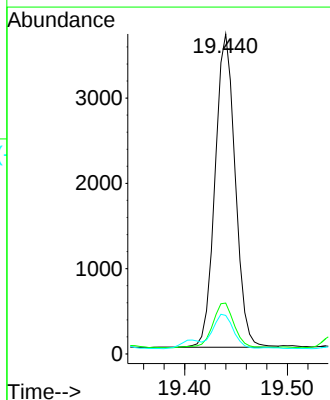
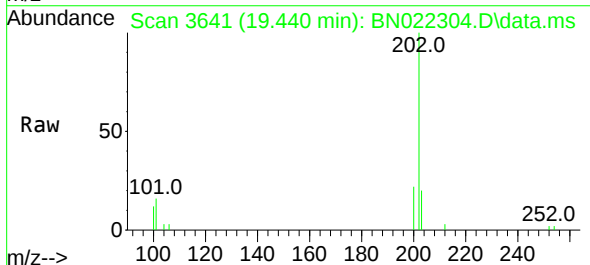
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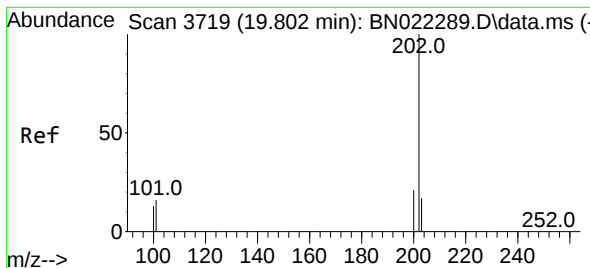
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 0.127 ng/ul
 RT: 19.440 min Scan# 3641
 Delta R.T. -0.000 min
 Lab File: BN022304.D
 Acq: 24 Oct 2022 18:21

Tgt Ion:202 Resp: 5008
 Ion Ratio Lower Upper
 202 100
 101 15.9 11.8 17.6
 100 12.0 8.7 13.1





#20

Pyrene

Concen: 0.141 ng/ul m

RT: 19.802 min Scan# 3719

Delta R.T. -0.000 min

Lab File: BN022304.D

Acq: 24 Oct 2022 18:21

Instrument :

BNA_N

ClientSampleId :

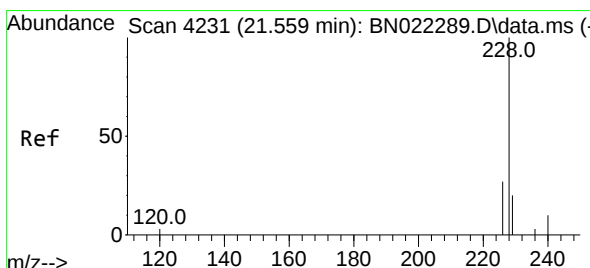
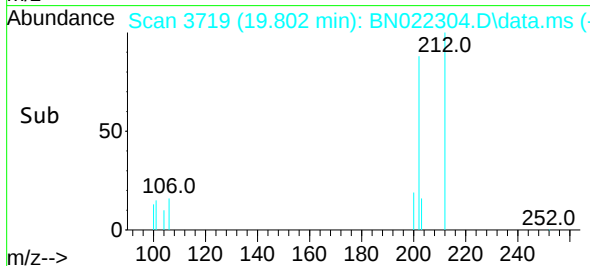
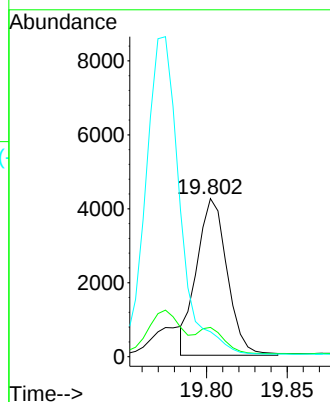
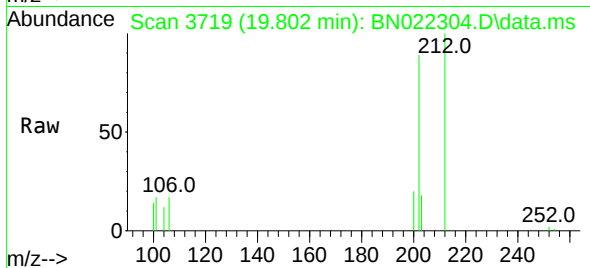
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Tgt Ion:202	Resp:	556
Ion Ratio	Lower	Upper
202	100	
101	18.5	13.1 19.7
100	15.8	10.6 16.0

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#21

Benzo(a)anthracene

Concen: 0.073 ng/ul

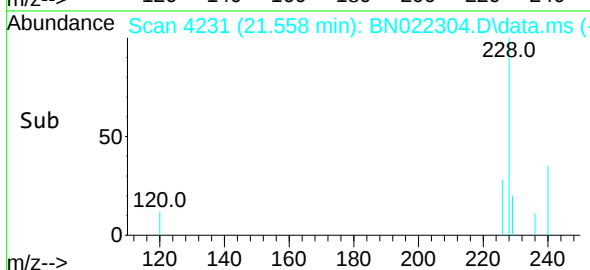
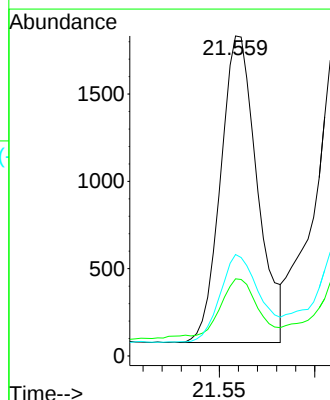
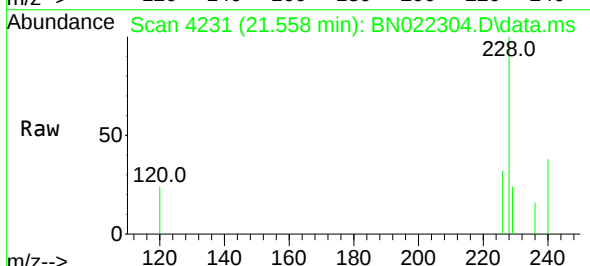
RT: 21.558 min Scan# 4231

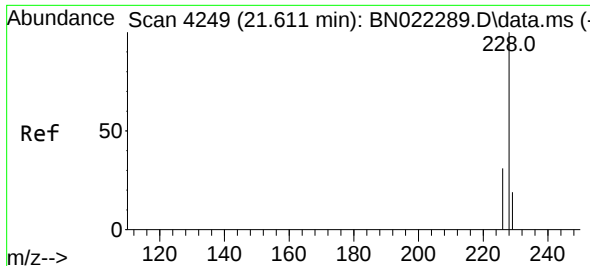
Delta R.T. -0.000 min

Lab File: BN022304.D

Acq: 24 Oct 2022 18:21

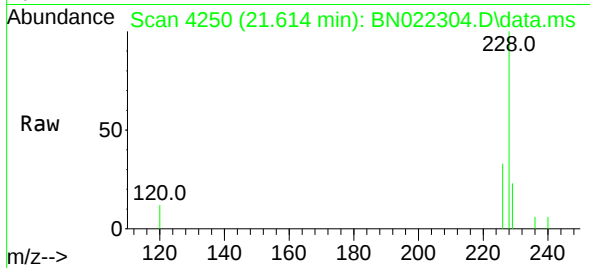
Tgt Ion:228	Resp:	2349
Ion Ratio	Lower	Upper
228	100	
229	24.1	15.7 23.5#
226	31.7	21.5 32.3





#22
Chrysene
Concen: 0.089 ng/ul
RT: 21.614 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

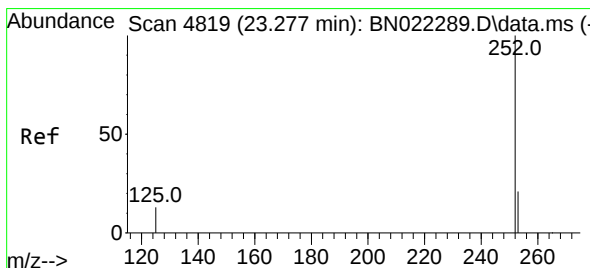
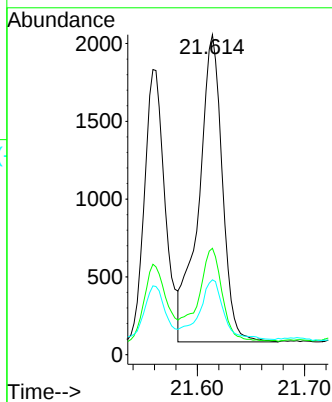
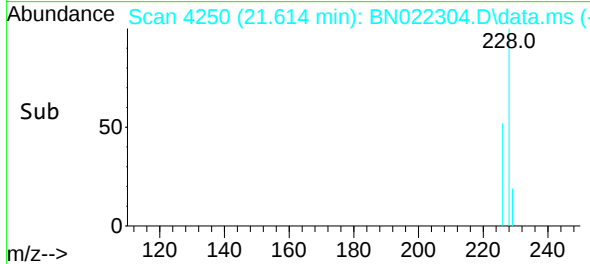
Instrument :
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Tgt Ion:228 Resp: 3024
Ion Ratio Lower Upper
228 100
226 33.3 23.9 35.9
229 23.4 15.9 23.9

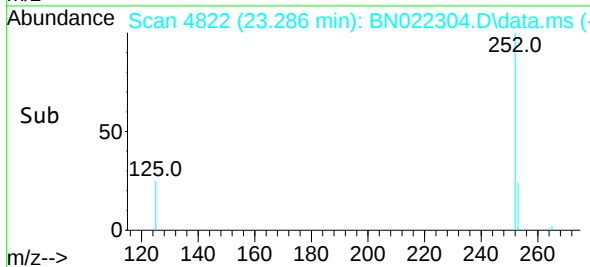
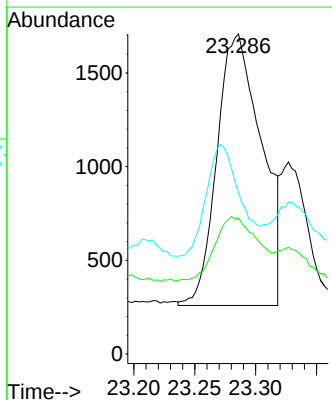
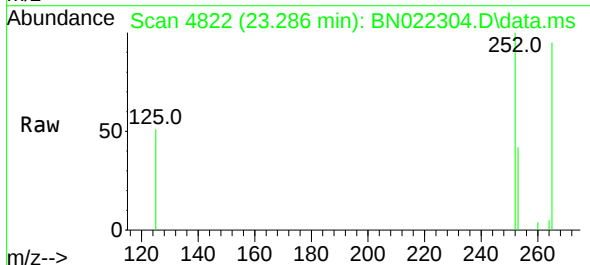
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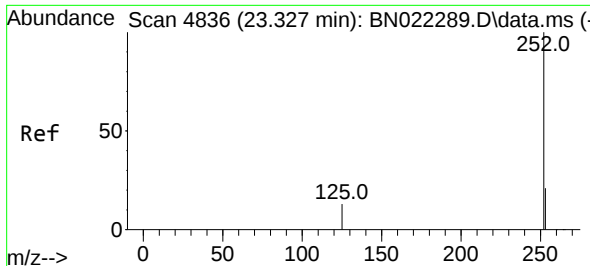
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 0.092 ng/ul m
RT: 23.286 min Scan# 4822
Delta R.T. 0.009 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

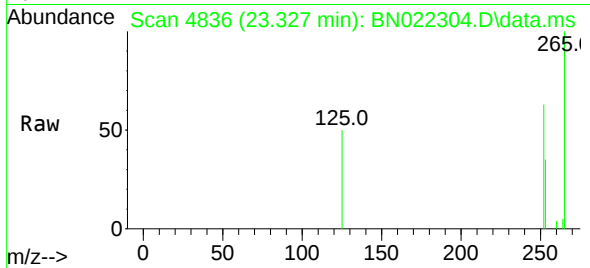
Tgt Ion:252 Resp: 3699
Ion Ratio Lower Upper
252 100
253 42.4 0.0 49.0
125 50.5 0.0 35.2#





#25
Benzo(k)fluoranthene
Concen: 0.029 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.000 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

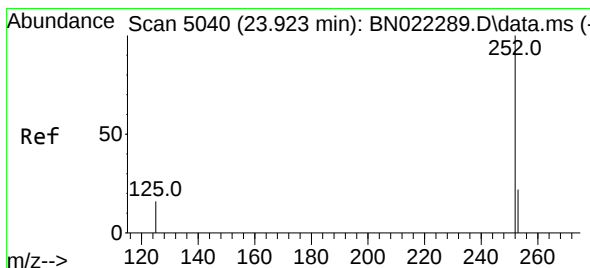
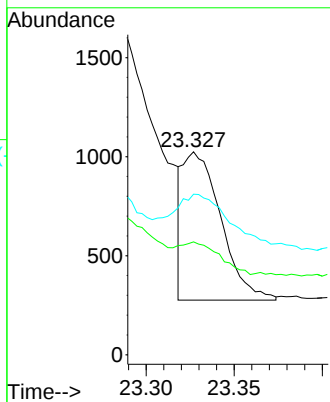
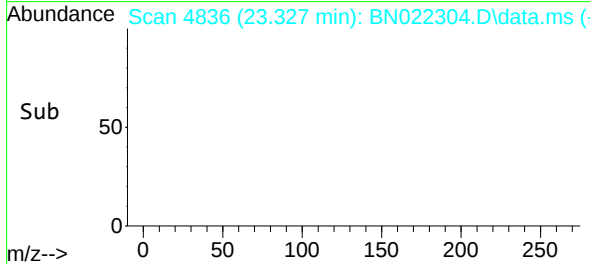
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BNA_N
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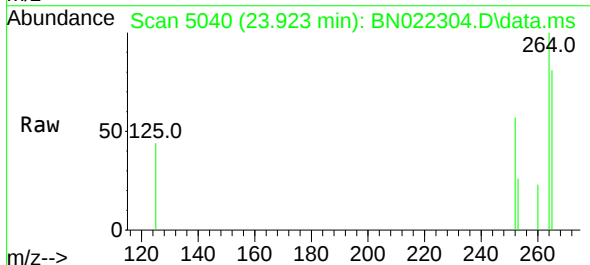
Tgt Ion:252 Resp: 112
Ion Ratio Lower Upper
252 100
253 55.6 19.7 29.5#
125 79.1 14.0 21.0#

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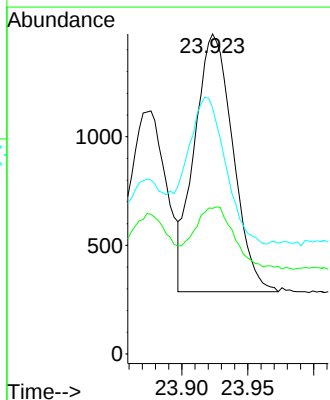
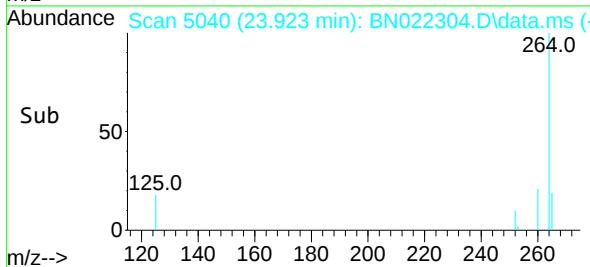
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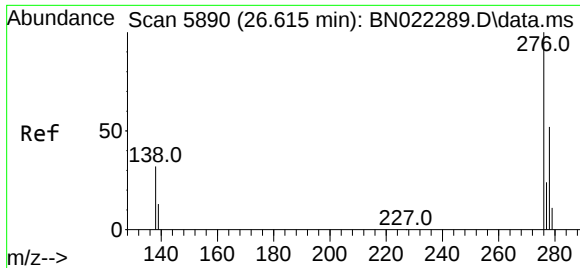


#26
Benzo(a)pyrene
Concen: 0.075 ng/ul
RT: 23.923 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21



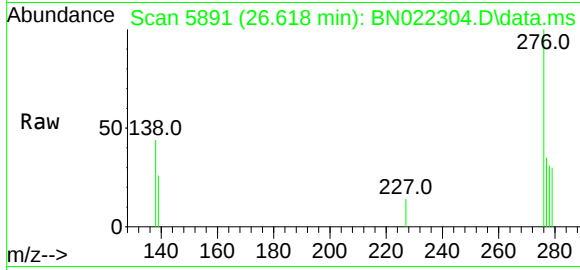
Tgt Ion:252 Resp: 2400
Ion Ratio Lower Upper
252 100
253 45.5 21.0 31.6#
125 76.8 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.044 ng/ul
RT: 26.618 min Scan# 5890
Delta R.T. 0.003 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

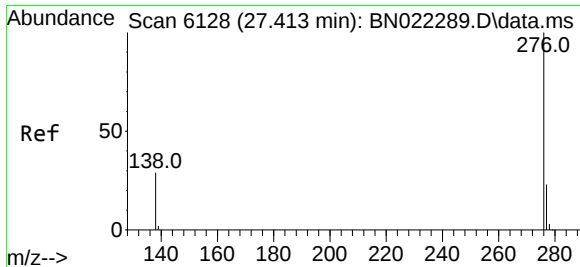
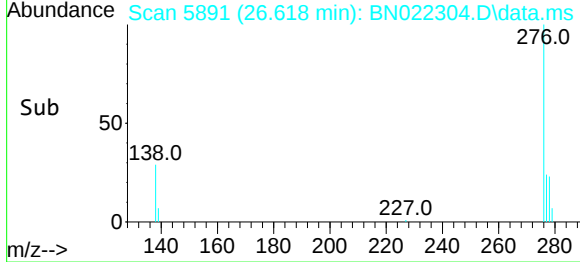
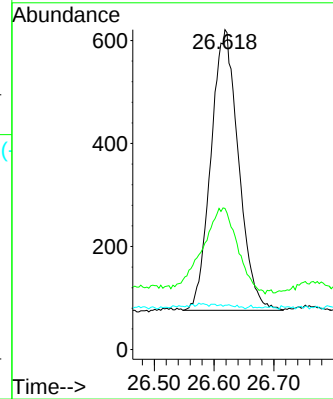
Instrument :
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C0BS5



Tgt Ion:276 Resp: 174
Ion Ratio Lower Upper
276 100
138 40.0 27.7 41.5
227 0.0 0.2 0.2

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#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 27.413 min Scan# 6128
Delta R.T. 0.003 min
Lab File: BN022304.D
Acq: 24 Oct 2022 18:21

Tgt Ion:276 Resp: 1918
Ion Ratio Lower Upper
276 100
138 43.4 25.2 37.8#
277 34.8 19.9 29.9#

