

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023424.D
 Acq On : 24 Dec 2022 23:14
 Operator : CG/JU
 Sample : N6018-03DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 04:21:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6174	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	20733	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.641	164	11914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	26909	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18633	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	14748	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	5263	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	1678	0.052	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	3616	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.358	152	1573	0.030	ng/ul#	85
15) Phenanthrene	17.428	178	21468	0.245	ng/ul	99
16) Anthracene	17.521	178	2852	0.039	ng/ul#	89
19) Fluoranthene	19.444	202	53405	0.591	ng/ul	99
20) Pyrene	19.811	202	41746m	0.458	ng/ul	
21) Benzo(a)anthracene	21.558	228	18517	0.255	ng/ul	96
22) Chrysene	21.613	228	21885	0.297	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	26038m	0.341	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	8837m	0.123	ng/ul	
26) Benzo(a)pyrene	23.914	252	15518	0.257	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.580	276	11294	0.160	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.590	278	2700	0.049	ng/ul#	36
29) Benzo(g,h,i)perylene	27.365	276	10876	0.189	ng/ul#	88

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

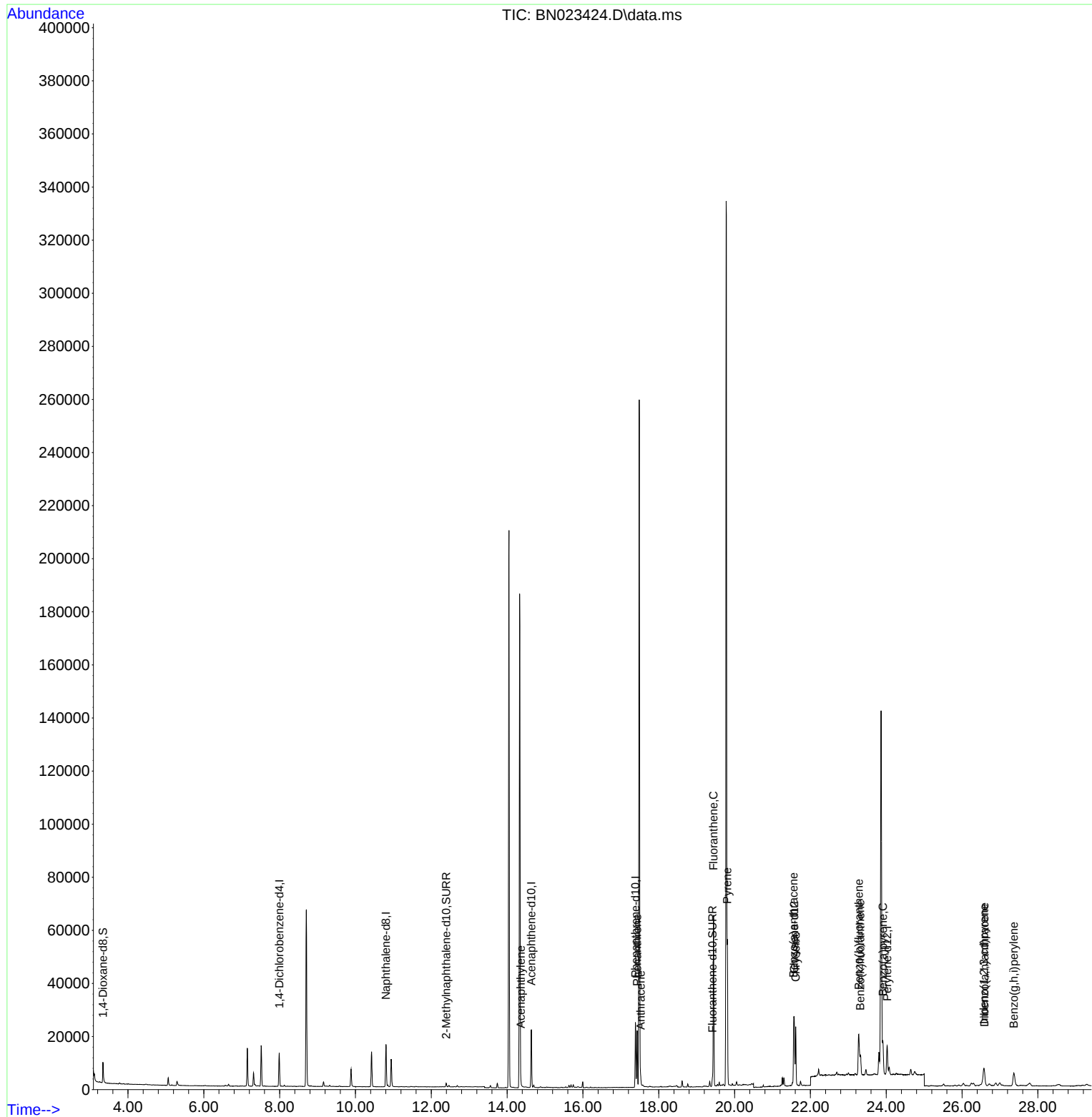
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023424.D
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ALS Vial : 51 Sample Multiplier: 1

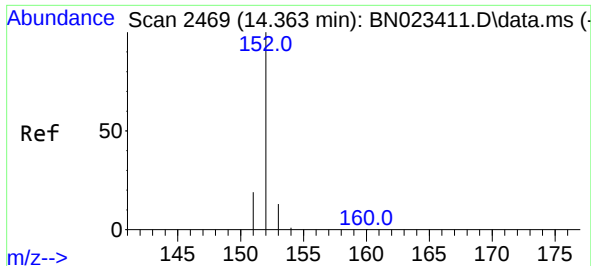
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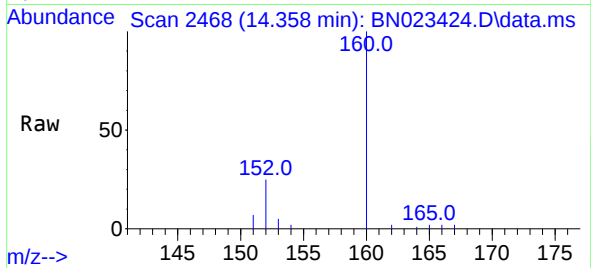
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

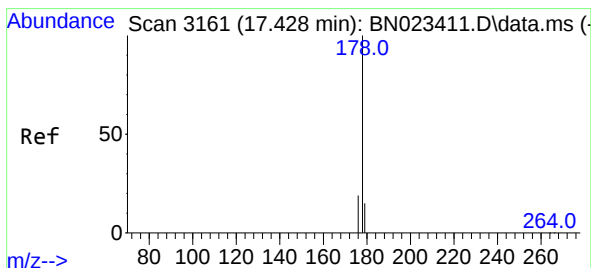
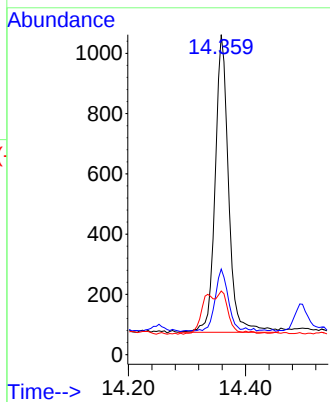
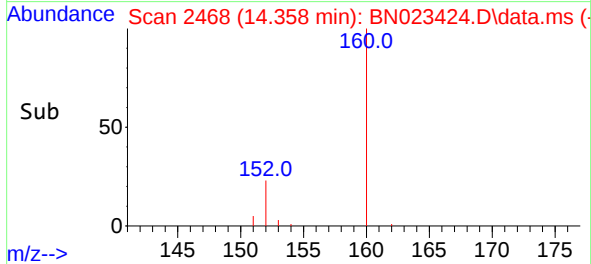
Instrument :
BNA_N
ClientSampleId :
DBYH5DL



Tgt Ion:152 Resp: 157
Ion Ratio Lower Upper
152 100
151 26.7 16.1 24.1
153 19.9 10.9 16.3

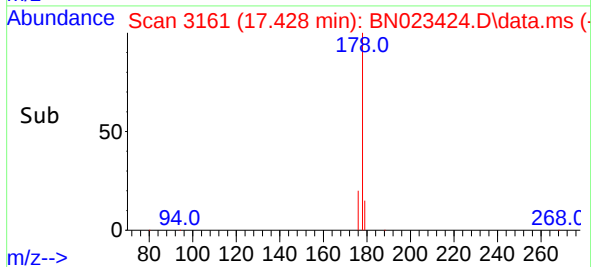
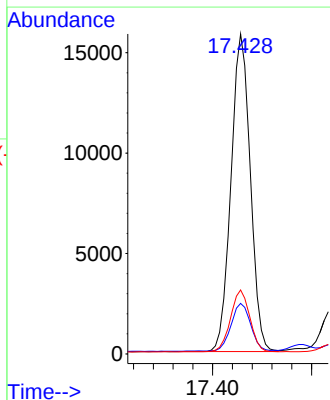
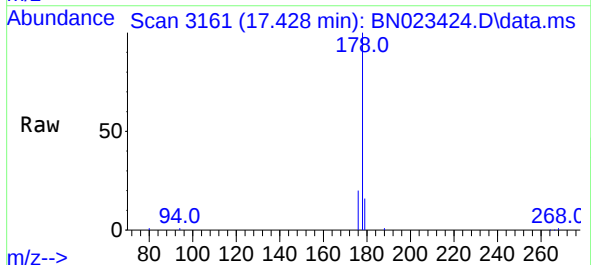
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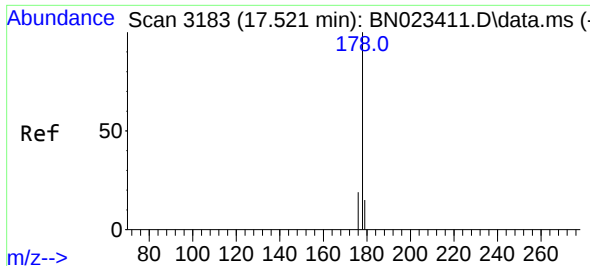
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.245 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

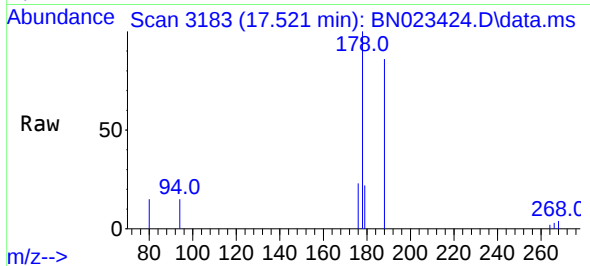
Tgt Ion:178 Resp: 21468
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 20.0 15.7 23.5





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. -0.005 min
 Lab File: BN023424.D
 Acq: 24 Dec 2022 23:14

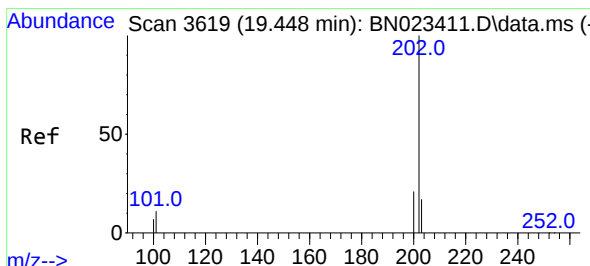
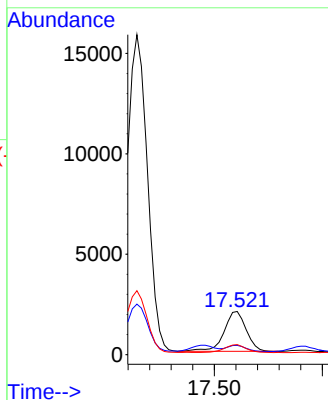
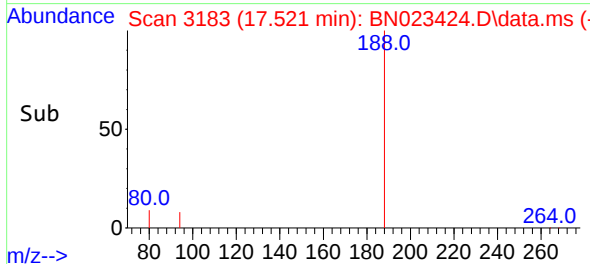
Instrument :
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 ClientSampleId :
 DBYH5DL



Tgt Ion:178 Resp: 2852
 Ion Ratio Lower Upper
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 179 21.6 12.6 18.8
 176 23.2 15.4 23.0

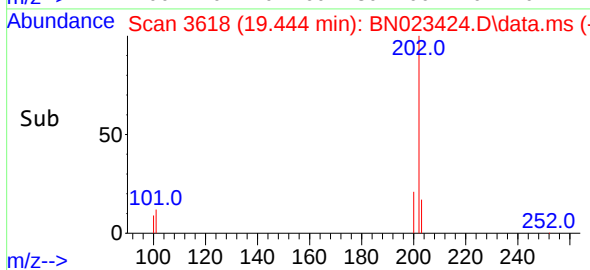
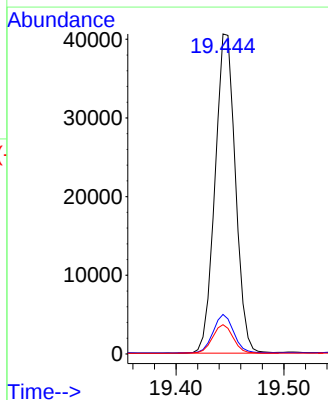
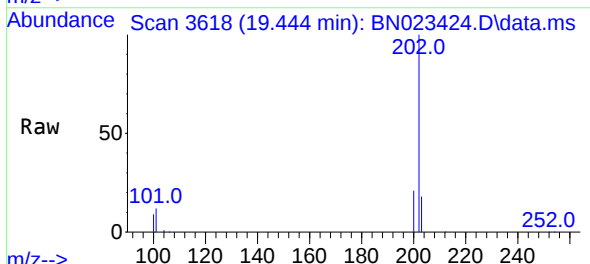
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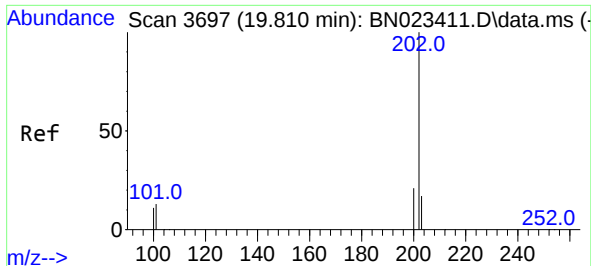
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.591 ng/ul
 RT: 19.444 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BN023424.D
 Acq: 24 Dec 2022 23:14

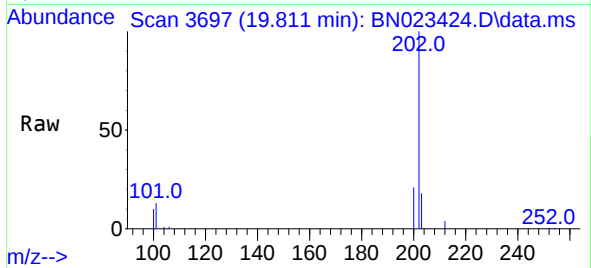
Tgt Ion:202 Resp: 53405
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.4 14.2
 100 9.2 7.0 10.6





#20
Pyrene
Concen: 0.458 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

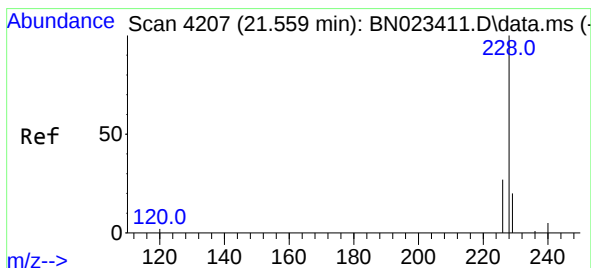
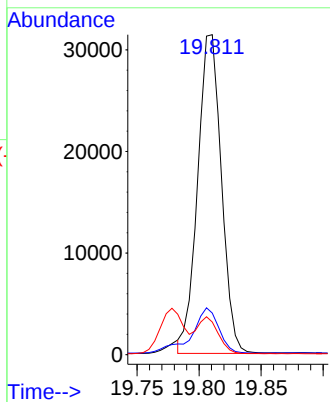
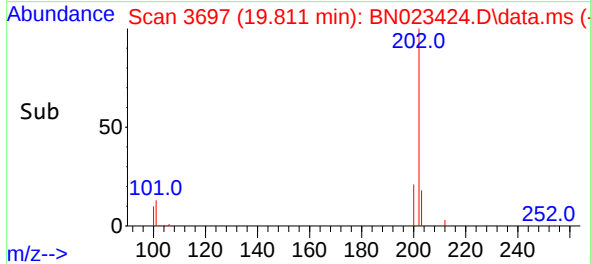
Instrument :
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ClientSampleId :
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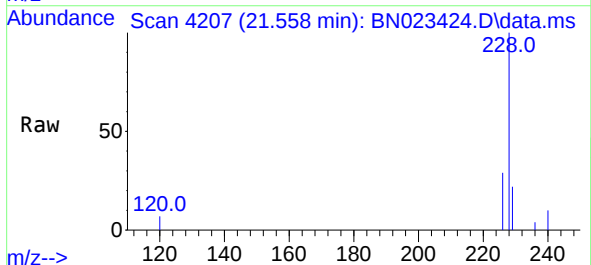
Tgt Ion:202 Resp: 41740
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.2 9.0 13.4

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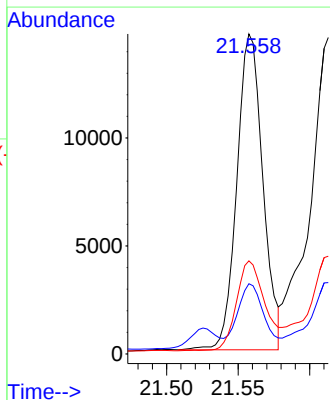
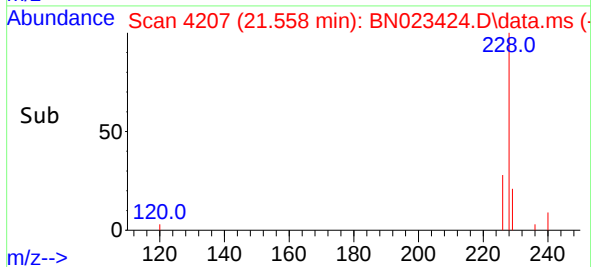
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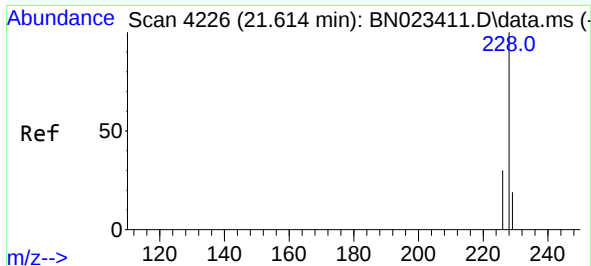


#21
Benzo(a)anthracene
Concen: 0.255 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14



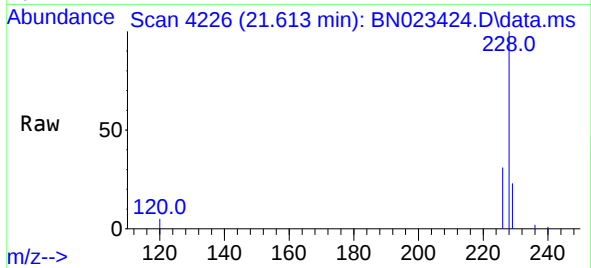
Tgt Ion:228 Resp: 18517
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 29.1 22.2 33.2





#22
Chrysene
Concen: 0.297 ng/ul
RT: 21.613 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

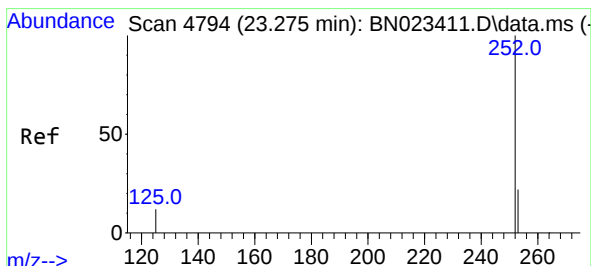
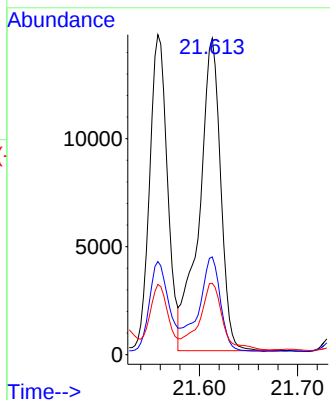
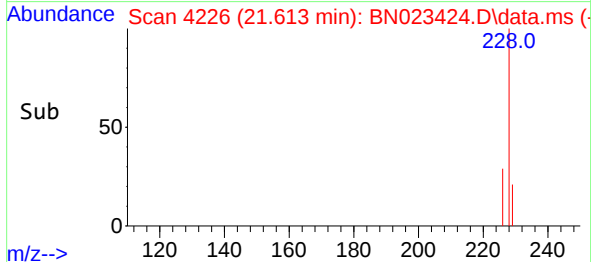
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BNA_N
ClientSampleId :
DBYH5DL



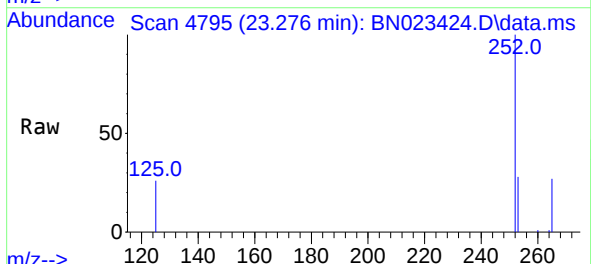
Tgt Ion:228 Resp: 2188
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.6 15.8 23.6

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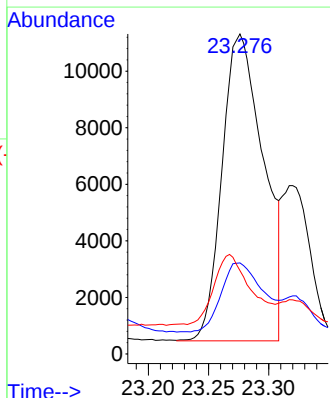
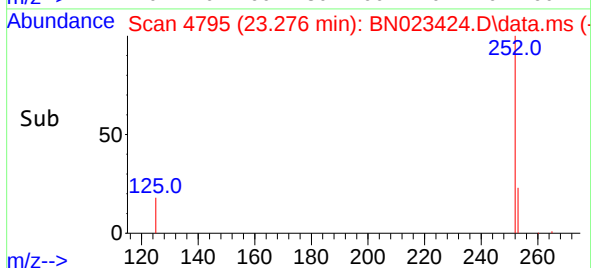
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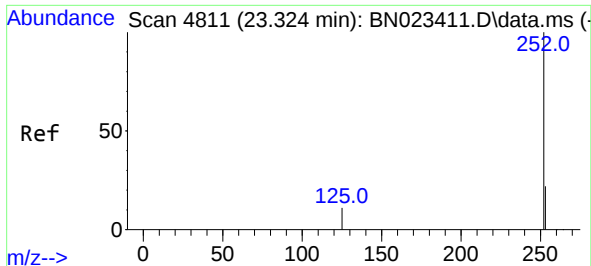


#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14



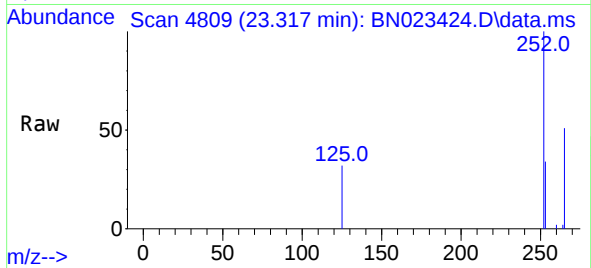
Tgt Ion:252 Resp: 26038
Ion Ratio Lower Upper
252 100
253 28.4 0.0 49.2
125 26.0 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.123 ng/ul m
RT: 23.317 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

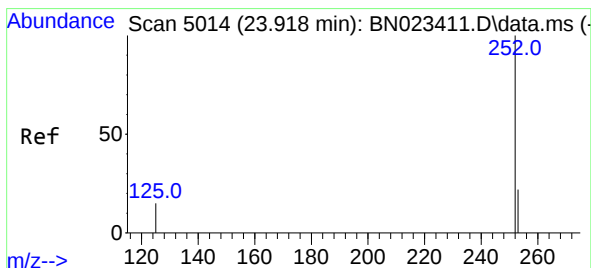
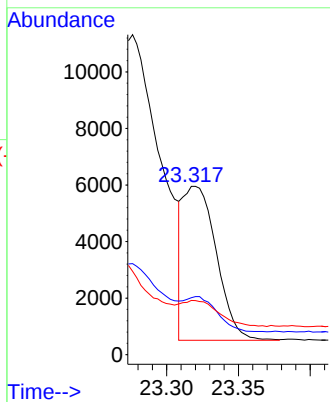
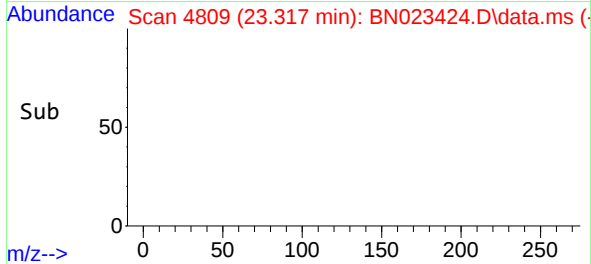
Instrument :
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DBYH5DL



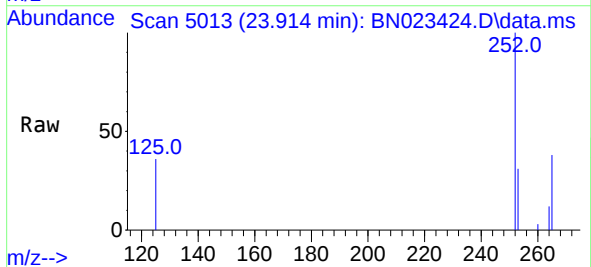
Tgt Ion:252 Resp: 883
Ion Ratio Lower Upper
252 100
253 33.9 19.8 29.6
125 32.3 12.6 18.8

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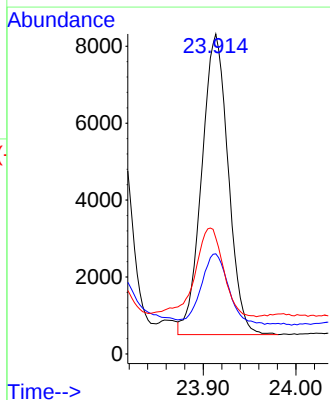
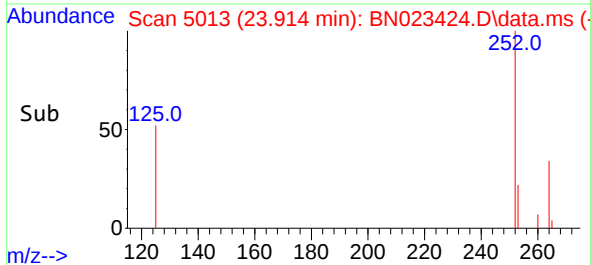
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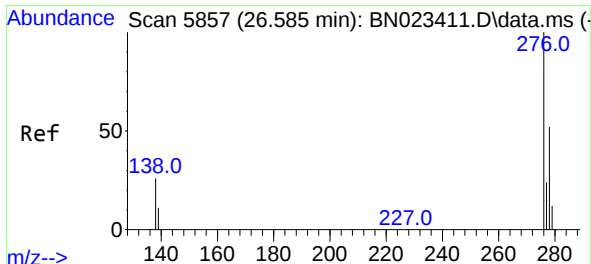


#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 23.914 min Scan# 5013
Delta R.T. -0.001 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14



Tgt Ion:252 Resp: 15518
Ion Ratio Lower Upper
252 100
253 31.3 21.4 32.2
125 36.2 16.2 24.4





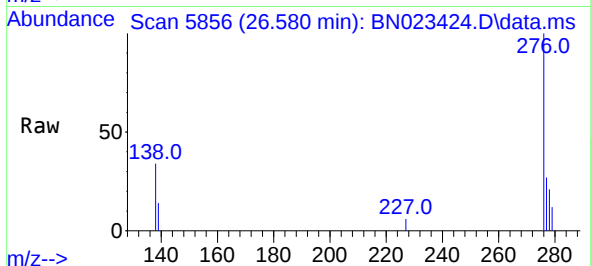
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.160 ng/ul
RT: 26.580 min Scan# 5857
Delta R.T. 0.003 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14

Instrument :

BNA_N

ClientSampleId :

DBYH5DL

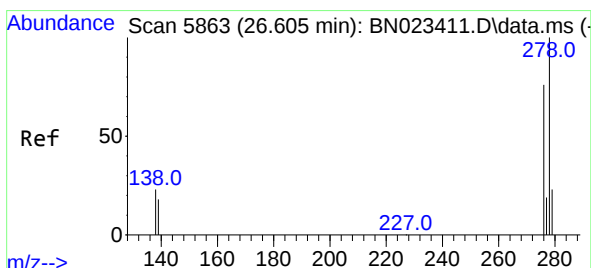
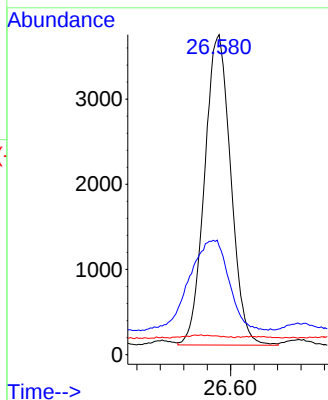
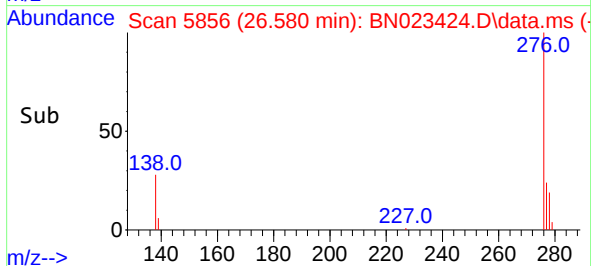


Tgt Ion:276 Resp: 11294
Ion Ratio Lower Upper
276 100
138 44.3 23.4 35.2#
227 0.0 0.0 0.0

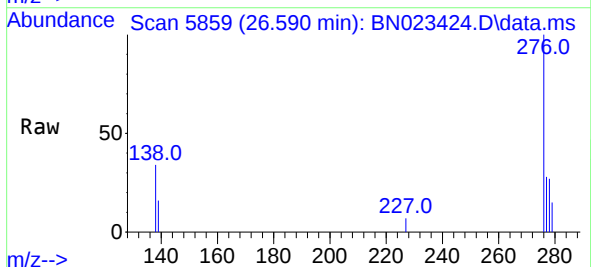
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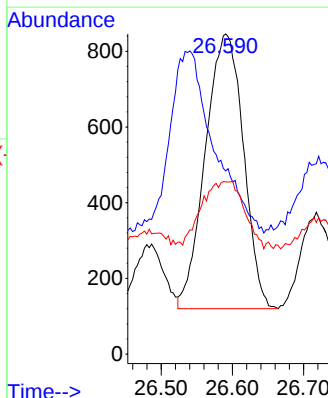
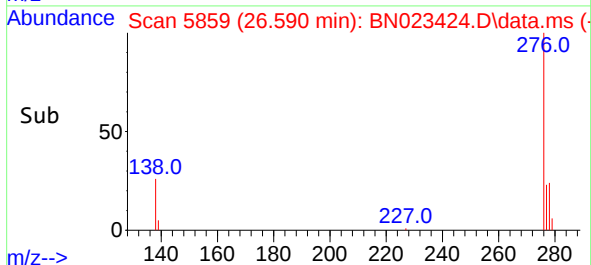
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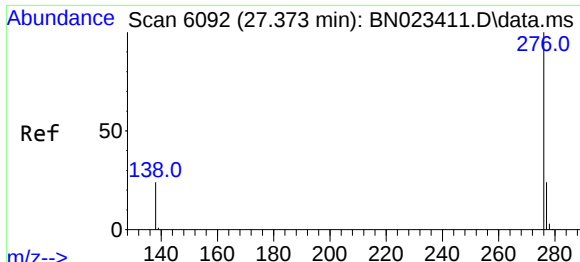


#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.590 min Scan# 5859
Delta R.T. -0.011 min
Lab File: BN023424.D
Acq: 24 Dec 2022 23:14



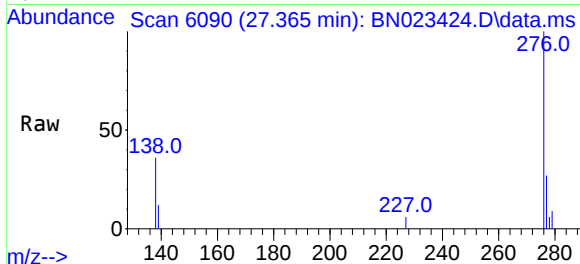
Tgt Ion:278 Resp: 2700
Ion Ratio Lower Upper
278 100
139 57.2 16.6 24.8#
279 53.8 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.189 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.004 min
 Lab File: BN023424.D
 Acq: 24 Dec 2022 23:14

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 10870
 Ion Ratio Lower Upper
 276 100
 138 35.6 20.3 30.5
 277 26.6 19.7 29.5

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