

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023435.D
 Acq On : 25 Dec 2022 06:23
 Operator : CG/JU
 Sample : N6017-06
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:21:52 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 : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	7023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23206	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.637	164	13790	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	30835	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	21613	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	15915	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	29058	3.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	9872	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	22504	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.425	178	5583	0.056	ng/ul#	52
19) Fluoranthene	19.444	202	14433	0.138	ng/ul#	86
20) Pyrene	19.807	202	11122m	0.105	ng/ul	
21) Benzo(a)anthracene	21.555	228	6370	0.076	ng/ul#	83
22) Chrysene	21.611	228	7311	0.085	ng/ul#	74
24) Benzo(b)fluoranthene	23.274	252	9787m	0.119	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	3618m	0.047	ng/ul	
26) Benzo(a)pyrene	23.914	252	5959	0.091	ng/ul#	59
27) Indeno(1,2,3-cd)pyrene	26.578	276	5037	0.066	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.588	278	1311	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	27.369	276	4986	0.080	ng/ul#	69

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

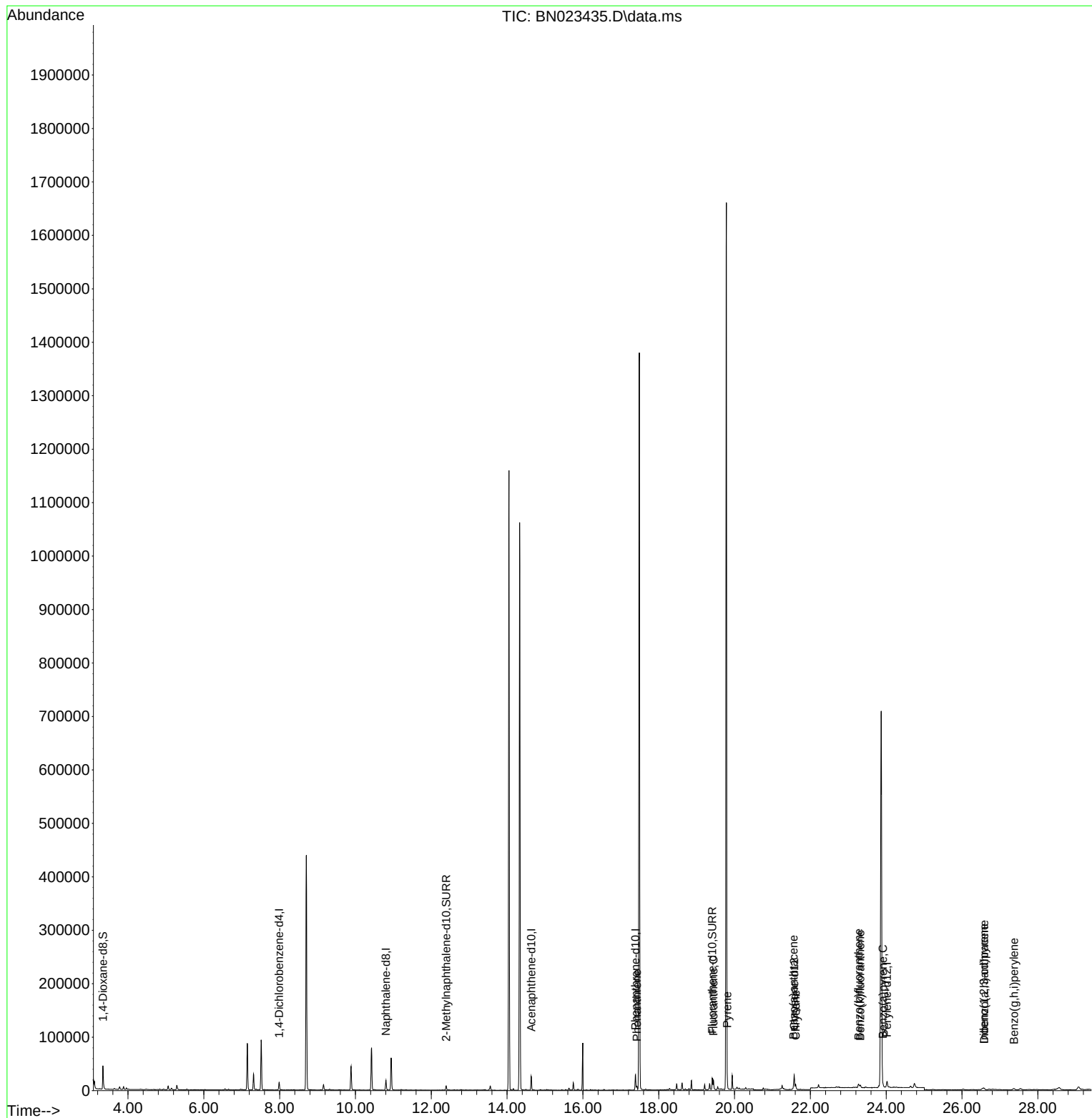
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023435.D
Acq On : 25 Dec 2022 06:23
Operator : CG/JU
Sample : N6017-06
Misc :
ALS Vial : 63 Sample Multiplier: 1

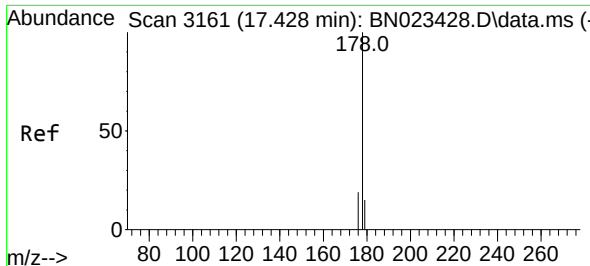
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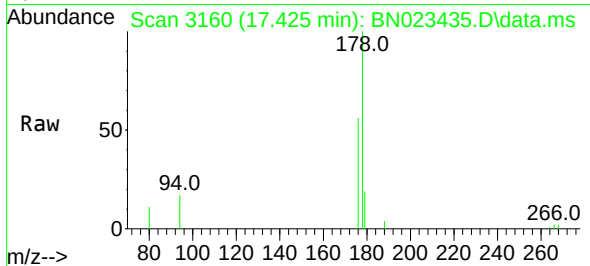
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.056 ng/u1
RT: 17.425 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

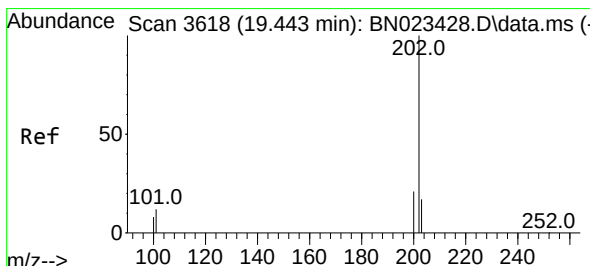
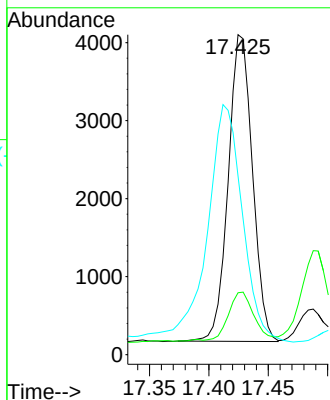
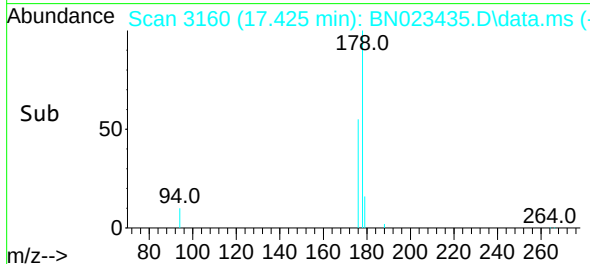
Instrument :
BNA_N
ClientSampleId :
DBYF4



Tgt Ion:178 Resp: 5583
Ion Ratio Lower Upper
178 100
179 19.3 12.5 18.7#
176 55.8 15.7 23.5#

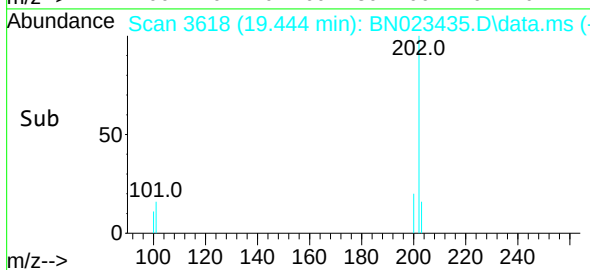
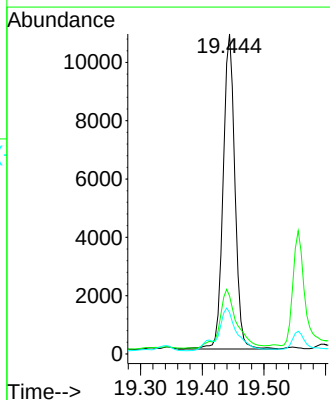
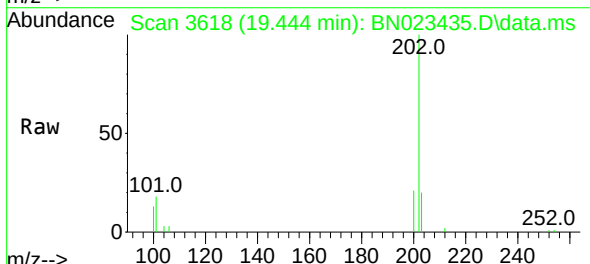
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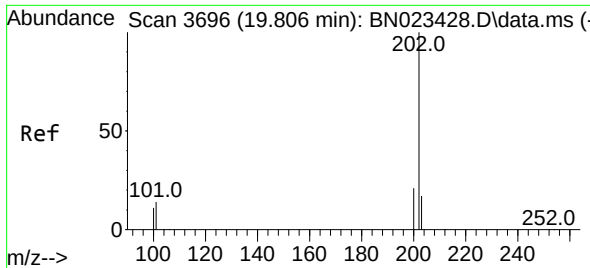
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#19
Fluoranthene
Concen: 0.138 ng/u1
RT: 19.444 min Scan# 3618
Delta R.T. 0.001 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

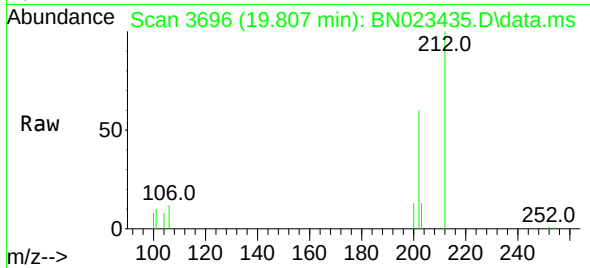
Tgt Ion:202 Resp: 14433
Ion Ratio Lower Upper
202 100
101 18.1 9.4 14.2#
100 12.9 7.0 10.6#





#20
Pyrene
Concen: 0.105 ng/ul m
RT: 19.807 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

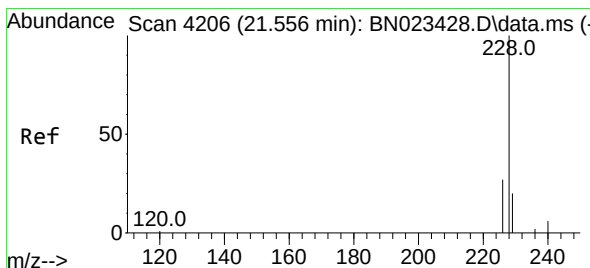
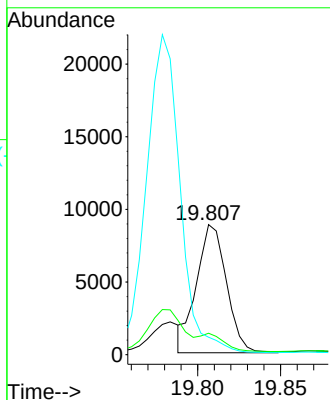
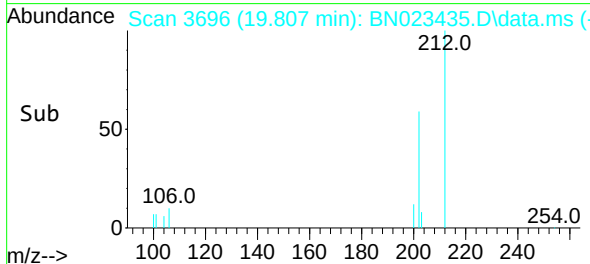
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 1112
Ion Ratio Lower Upper
202 100
101 16.5 11.3 16.9
100 13.4 9.0 13.4

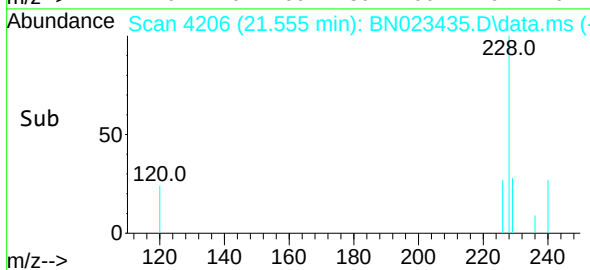
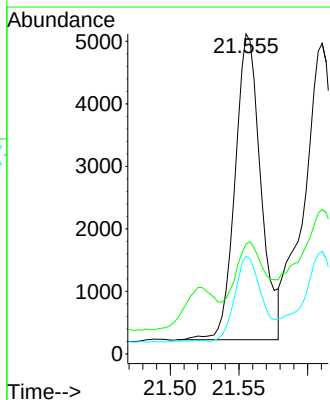
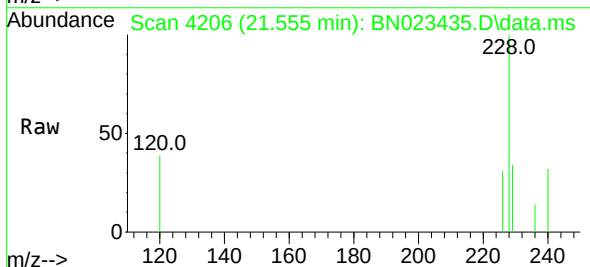
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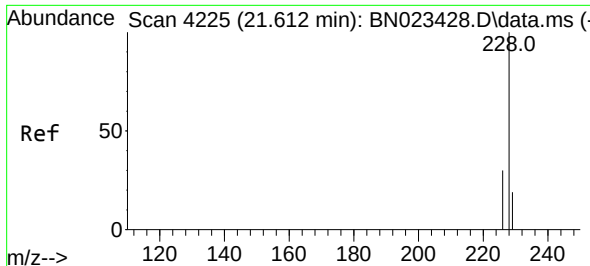
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#21
Benzo(a)anthracene
Concen: 0.076 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. -0.001 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

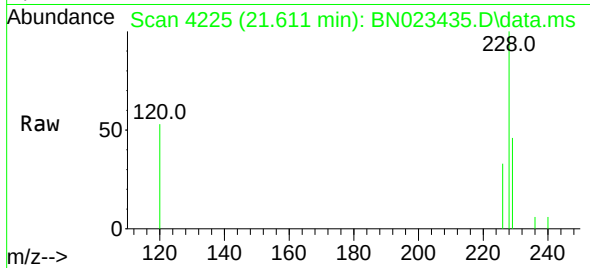
Tgt Ion:228 Resp: 6370
Ion Ratio Lower Upper
228 100
229 34.4 15.6 23.4#
226 30.5 22.2 33.2





#22
Chrysene
Concen: 0.085 ng/ul
RT: 21.611 min Scan# 4225
Delta R.T. -0.001 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

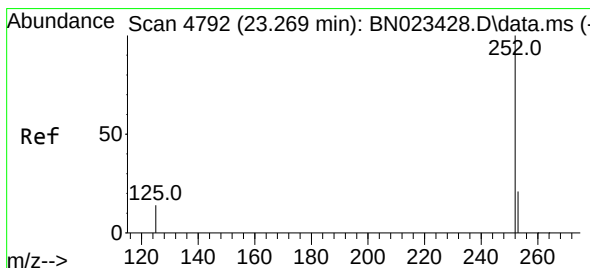
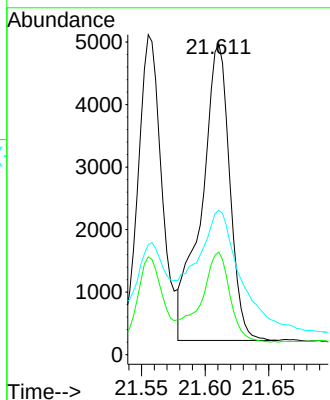
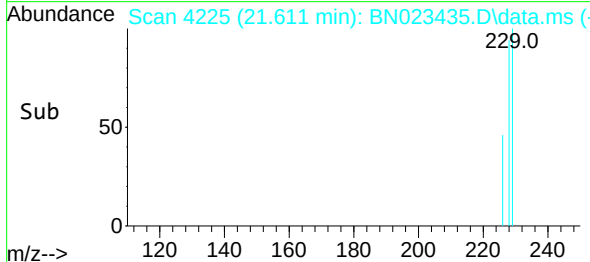
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 7311
Ion Ratio Lower Upper
228 100
226 33.0 24.3 36.5
229 46.5 15.8 23.6

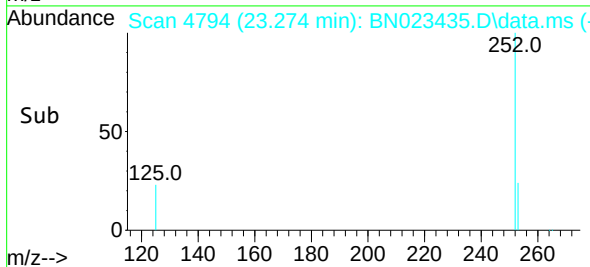
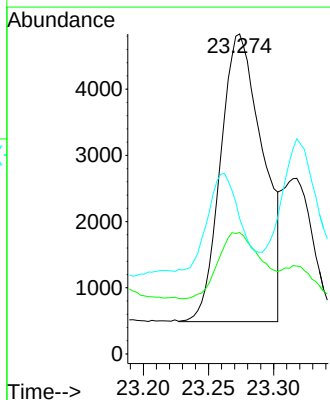
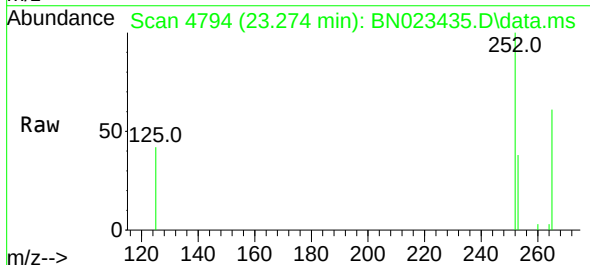
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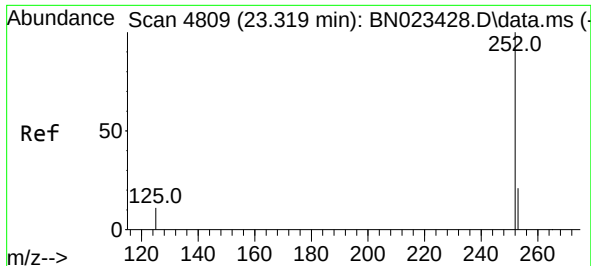
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#24
Benzo(b)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.274 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

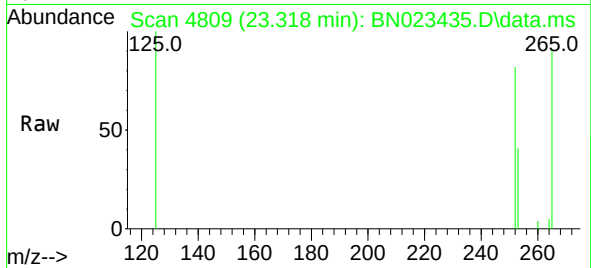
Tgt Ion:252 Resp: 9787
Ion Ratio Lower Upper
252 100
253 38.0 0.0 49.2
125 42.3 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.047 ng/ul m
RT: 23.318 min Scan# 4809
Delta R.T. -0.001 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23

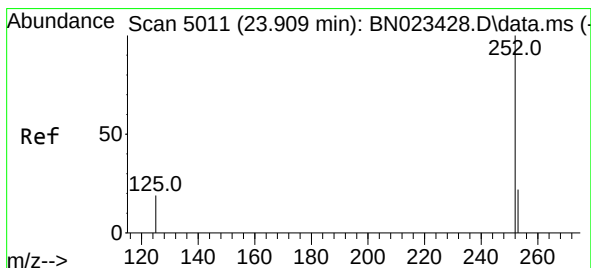
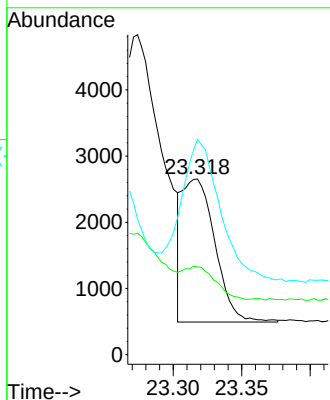
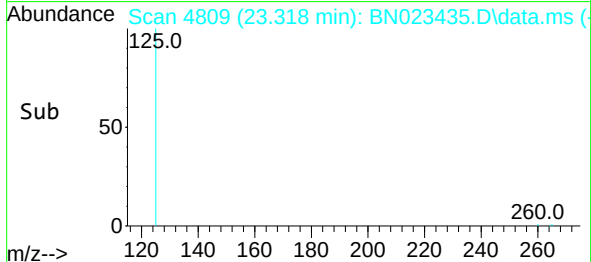
Instrument :
BNA_N
ClientSampleId :
DBYF4



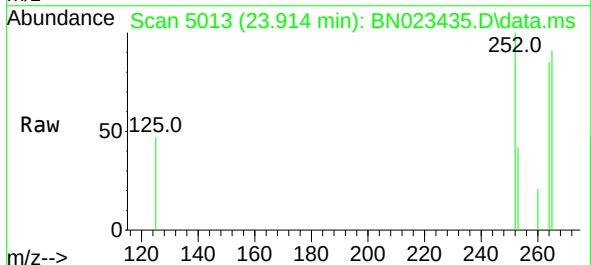
Tgt Ion:252 Resp: 3618
Ion Ratio Lower Upper
252 100
253 50.1 19.8 29.6#
125 122.6 12.6 18.8#

Manual Integrations
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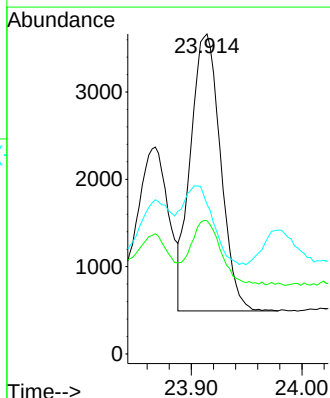
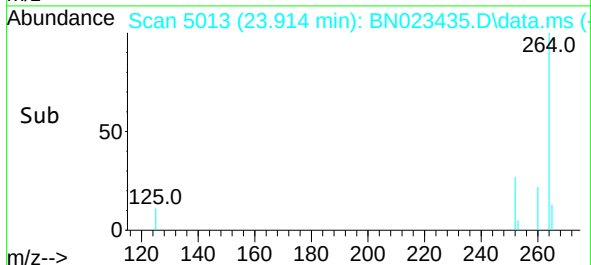
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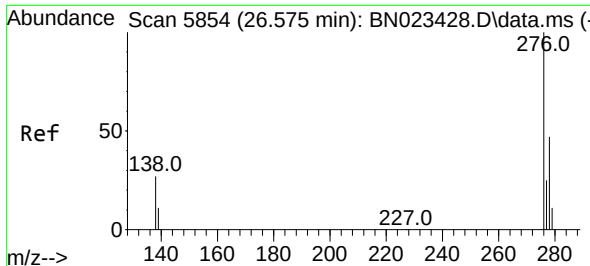


#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 23.914 min Scan# 5013
Delta R.T. 0.005 min
Lab File: BN023435.D
Acq: 25 Dec 2022 06:23



Tgt Ion:252 Resp: 5959
Ion Ratio Lower Upper
252 100
253 41.7 21.4 32.2#
125 46.8 16.2 24.4#





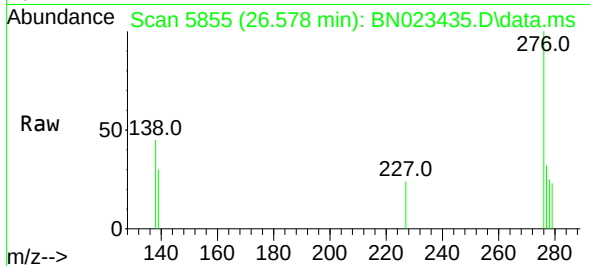
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.066 ng/ul
 RT: 26.578 min Scan# 5854
 Delta R.T. 0.002 min
 Lab File: BN023435.D
 Acq: 25 Dec 2022 06:23

Instrument :

BNA_N

ClientSampleId :

DBYF4

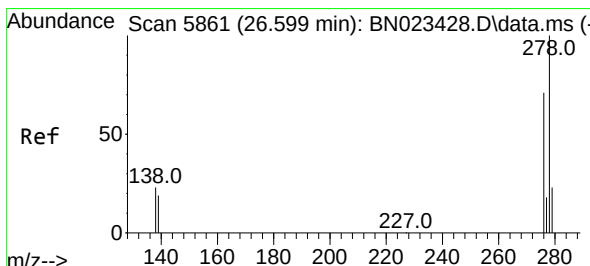
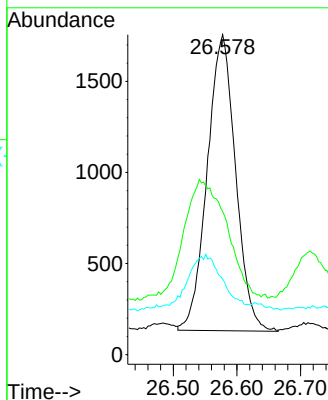
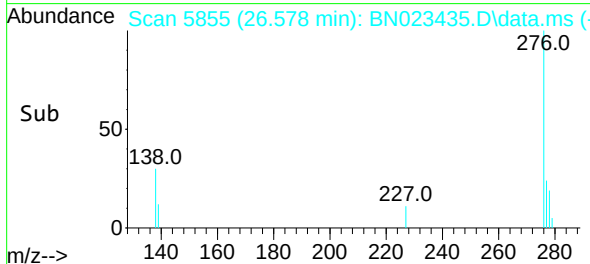


Tgt Ion:276 Resp: 503
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.4 35.2#
 227 0.0 0.0 0.0

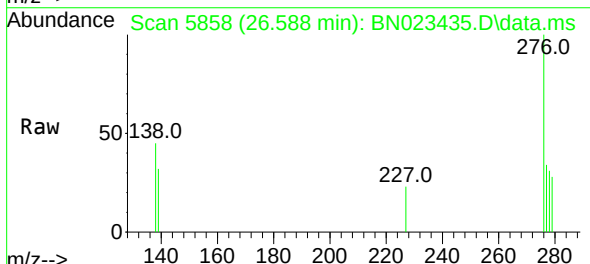
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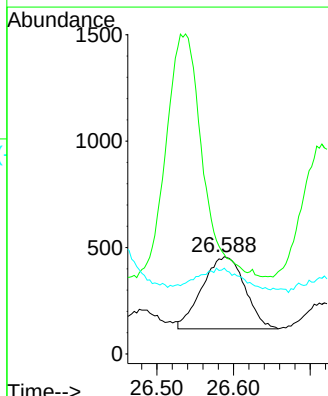
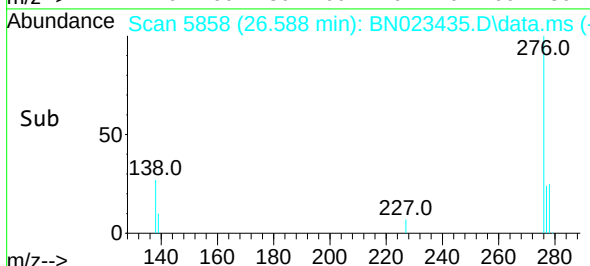
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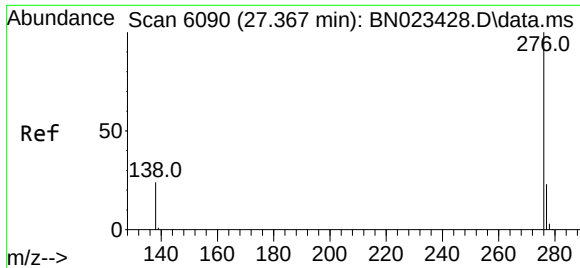


#28
 Dibenzo(a,h)anthracene
 Concen: 0.022 ng/ul
 RT: 26.588 min Scan# 5858
 Delta R.T. -0.011 min
 Lab File: BN023435.D
 Acq: 25 Dec 2022 06:23



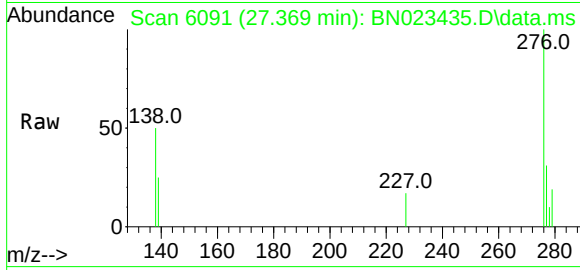
Tgt Ion:278 Resp: 1311
 Ion Ratio Lower Upper
 278 100
 139 102.4 16.6 24.8#
 279 88.2 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.080 ng/ul
 RT: 27.369 min Scan# 6091
 Delta R.T. 0.002 min
 Lab File: BN023435.D
 Acq: 25 Dec 2022 06:23

Instrument :
 BNA_N
 ClientSampleId :
 DBYF4



Tgt Ion:276 Resp: 4980
 Ion Ratio Lower Upper
 276 100
 138 50.5 20.3 30.5
 277 30.7 19.7 29.5

Manual Integrations
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