

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024686.D
 Acq On : 31 Mar 2023 19:19
 Operator : CG/JU
 Sample : 02010-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB952

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

Quant Time: Apr 01 01:02:49 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 01 01:00:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	10673	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	32541	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	19282	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	40921	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	31772	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	31085	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	21821	1.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13021	0.324	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	31967	0.411	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.426	178	4659	0.042	ng/ul#	90
19) Fluoranthene	19.436	202	12131	0.108	ng/ul#	95
20) Pyrene	19.803	202	11009	0.097	ng/ul#	93
21) Benzo(a)anthracene	21.548	228	4418	0.046	ng/ul#	81
22) Chrysene	21.603	228	6926	0.066	ng/ul#	85
24) Benzo(b)fluoranthene	23.278	252	8756m	0.068	ng/ul	
25) Benzo(k)fluoranthene	23.325	252	3211m	0.026	ng/ul	
26) Benzo(a)pyrene	23.924	252	4522	0.045	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.596	276	3597	0.030	ng/ul#	92
29) Benzo(g,h,i)perylene	27.394	276	3939	0.038	ng/ul#	64

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

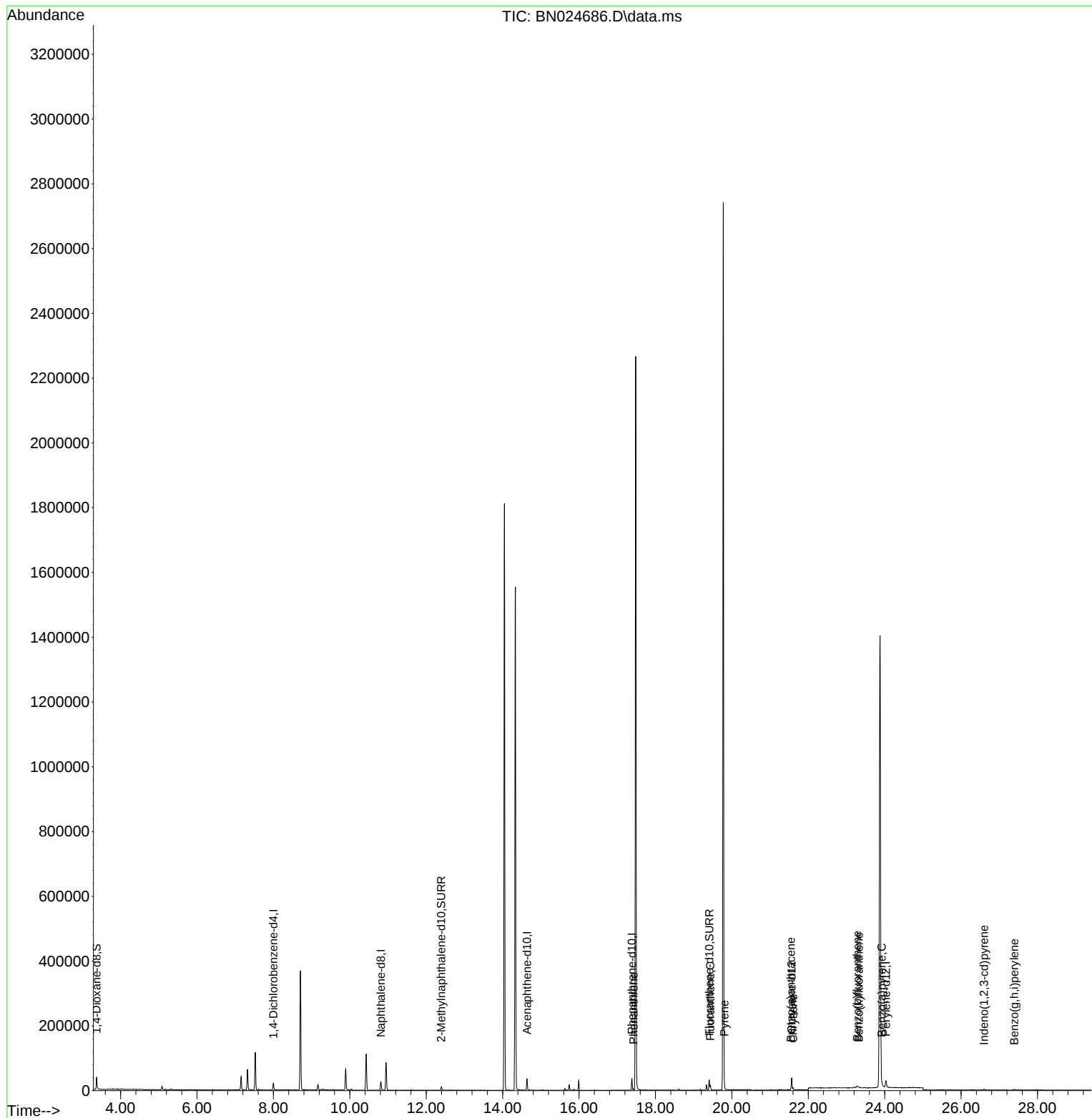
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
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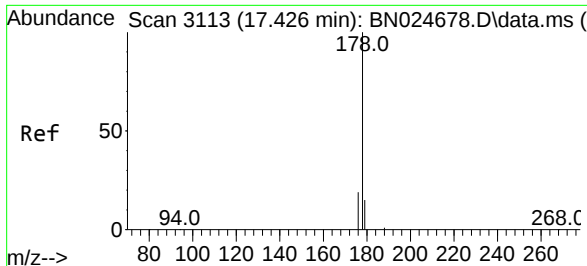
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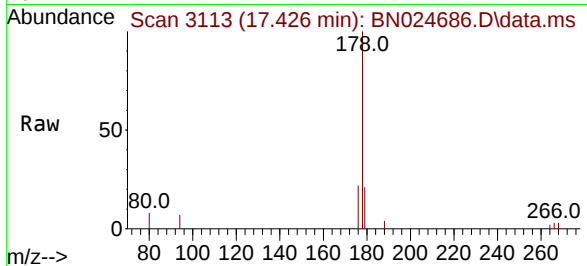
Quant Time: Apr 01 01:02:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 01 01:00:20 2023
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#15
Phenanthrene
Concen: 0.042 ng/u1
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

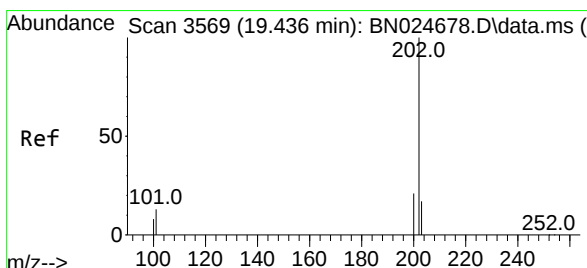
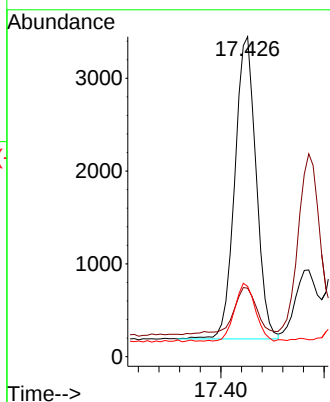
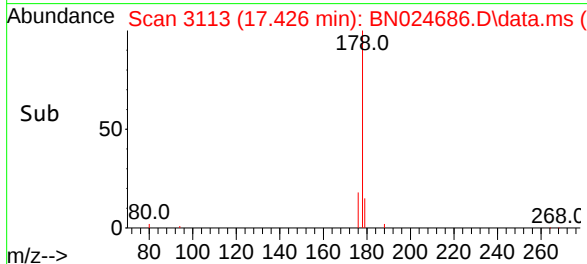
Instrument :
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ClientSampleId :
CB952



Tgt Ion:178 Resp: 4659
Ion Ratio Lower Upper
178 100
179 21.4 12.3 18.5
176 22.0 15.5 23.3

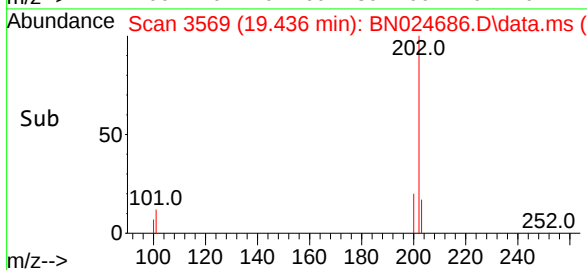
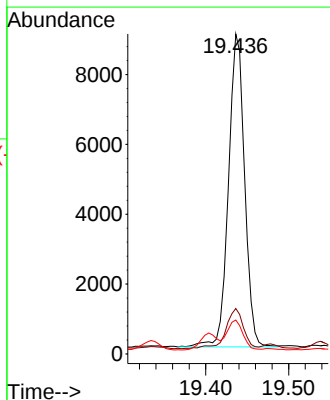
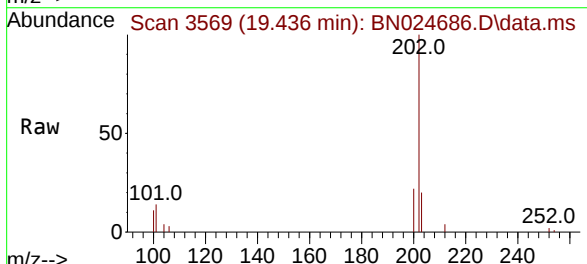
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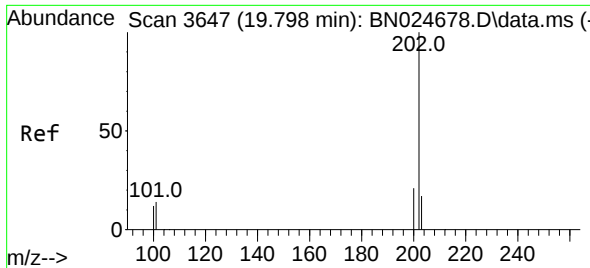
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#19
Fluoranthene
Concen: 0.108 ng/u1
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

Tgt Ion:202 Resp: 12131
Ion Ratio Lower Upper
202 100
101 14.2 9.6 14.4
100 10.6 7.0 10.6#





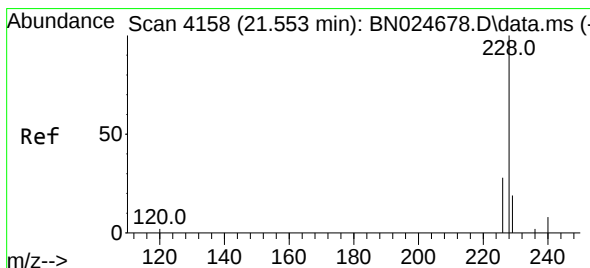
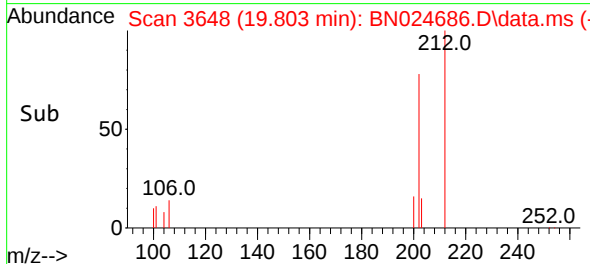
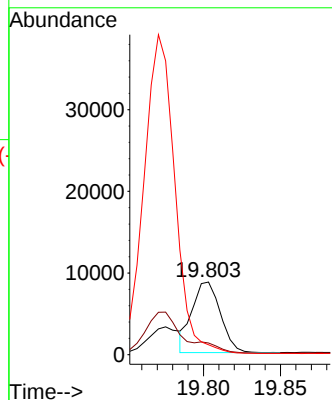
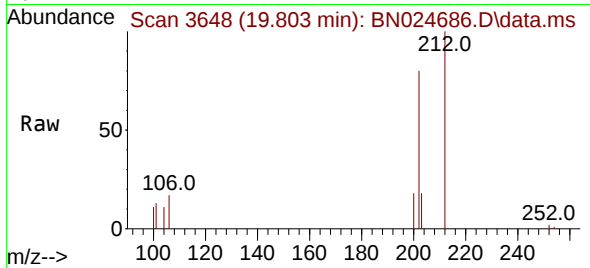
#20
Pyrene
Concen: 0.097 ng/ul
RT: 19.803 min Scan# 3648
Delta R.T. 0.005 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 11009
Ion Ratio Lower Upper
202 100
101 16.1 10.9 16.3
100 13.6 8.7 13.1

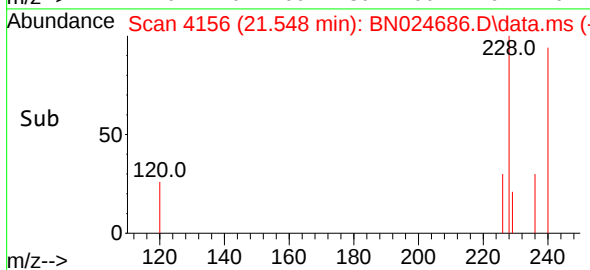
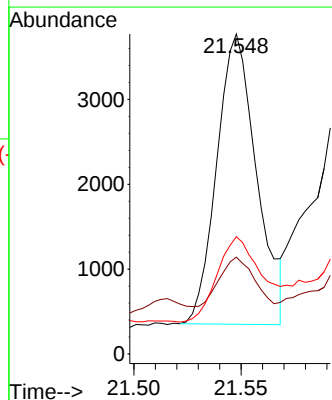
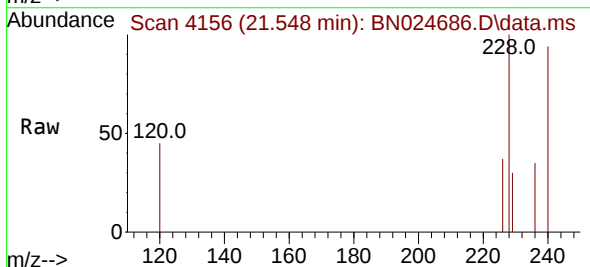
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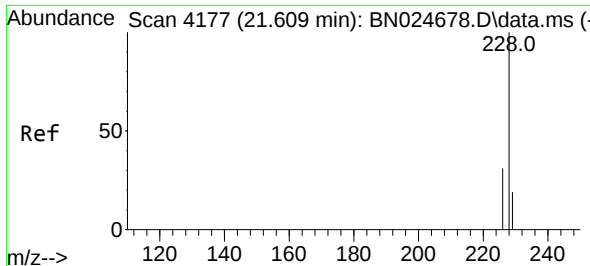
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#21
Benzo(a)anthracene
Concen: 0.046 ng/ul
RT: 21.548 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

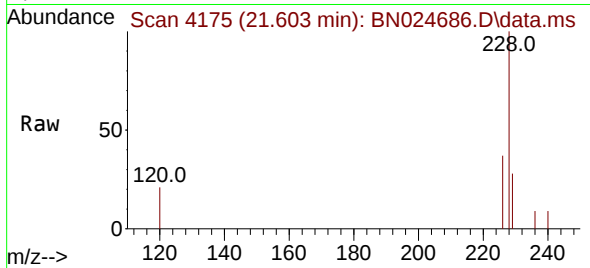
Tgt Ion:228 Resp: 4418
Ion Ratio Lower Upper
228 100
229 30.3 15.6 23.4#
226 36.7 22.5 33.7#





#22
Chrysene
Concen: 0.066 ng/ul
RT: 21.603 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

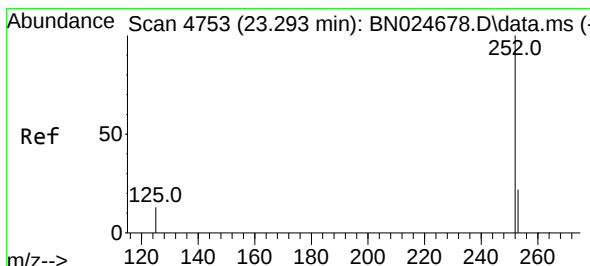
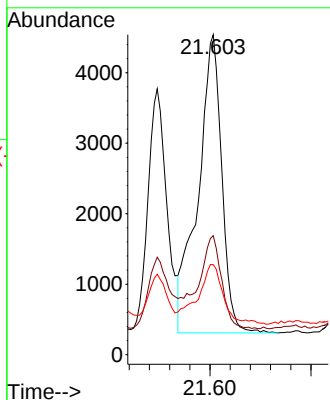
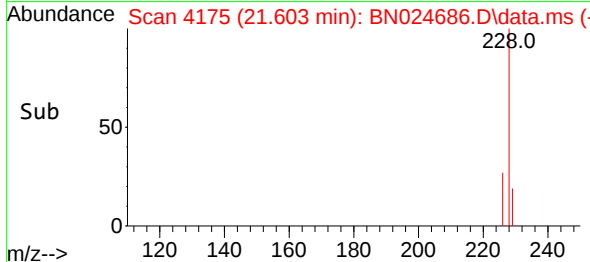
Instrument :
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ClientSampleId :
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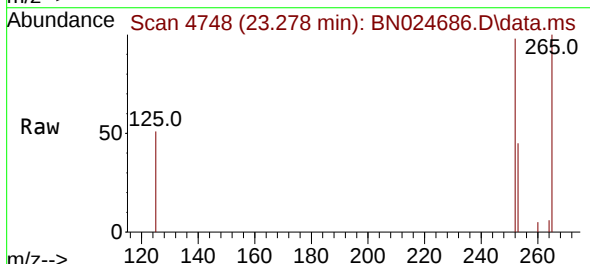
Tgt Ion:228 Resp: 6920
Ion Ratio Lower Upper
228 100
226 37.2 24.6 37.0
229 28.2 15.6 23.4

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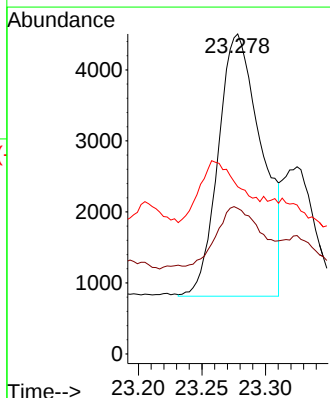
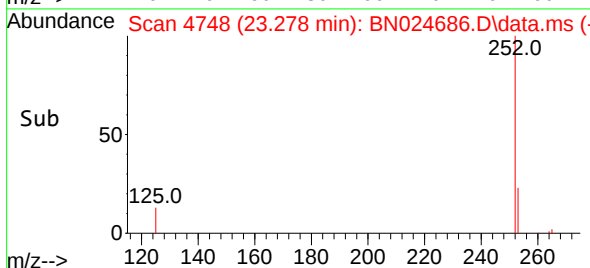
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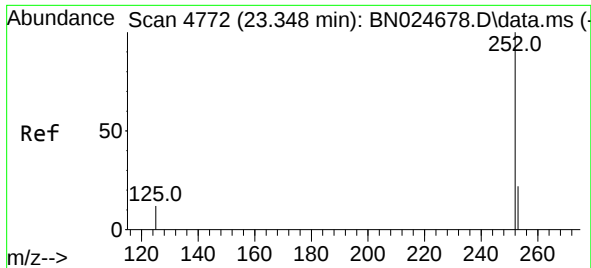


#24
Benzo(b)fluoranthene
Concen: 0.068 ng/ul m
RT: 23.278 min Scan# 4748
Delta R.T. -0.014 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19



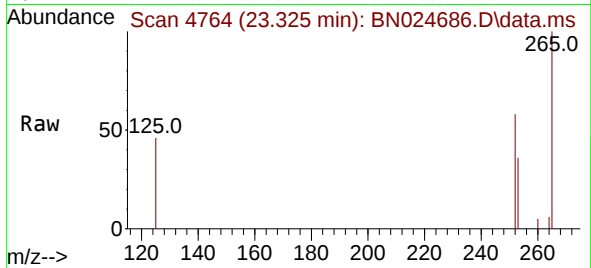
Tgt Ion:252 Resp: 8756
Ion Ratio Lower Upper
252 100
253 45.5 0.0 49.6
125 52.3 0.0 32.4





#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.325 min Scan# 4764
Delta R.T. -0.023 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

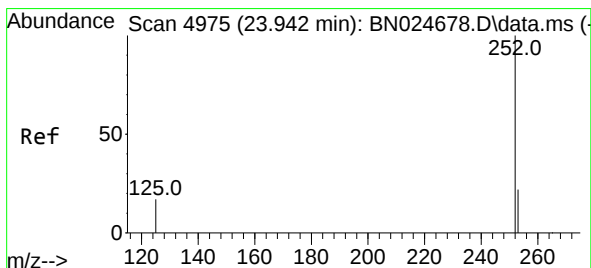
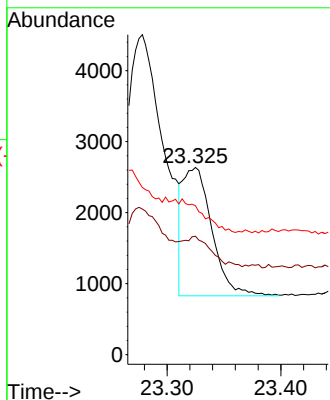
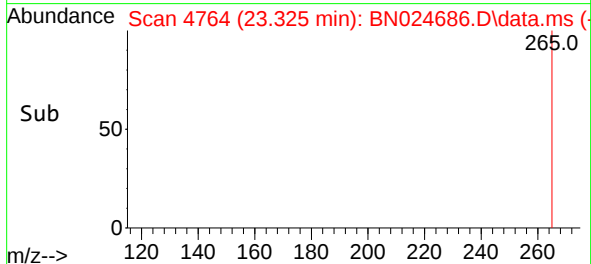
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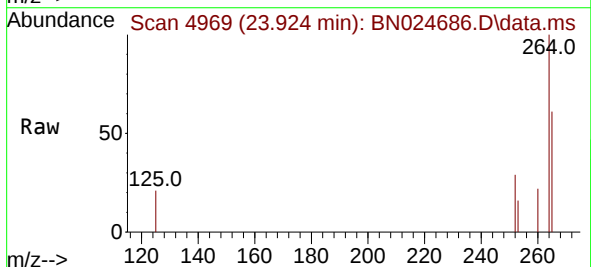
Tgt Ion:252 Resp: 321
Ion Ratio Lower Upper
252 100
253 63.3 20.2 30.2
125 79.6 13.1 19.7

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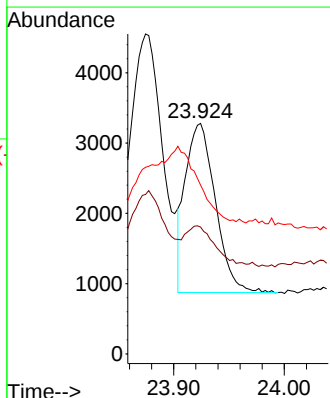
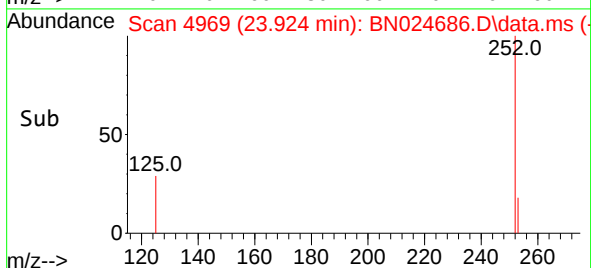
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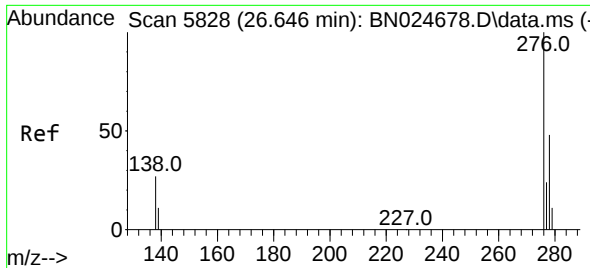


#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.924 min Scan# 4969
Delta R.T. -0.017 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19



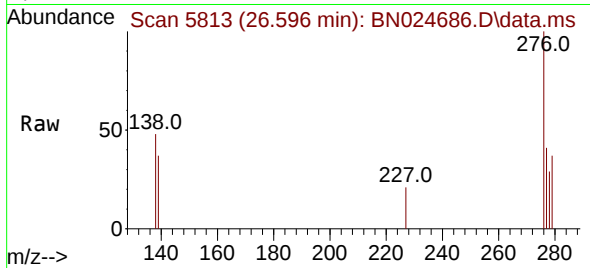
Tgt Ion:252 Resp: 4522
Ion Ratio Lower Upper
252 100
253 55.0 21.8 32.8#
125 73.2 15.4 23.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 26.596 min Scan# 5813
Delta R.T. -0.050 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19

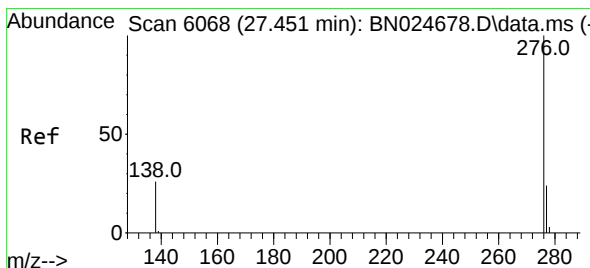
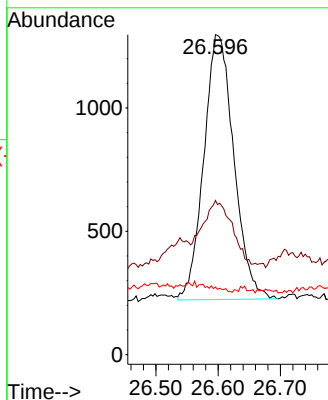
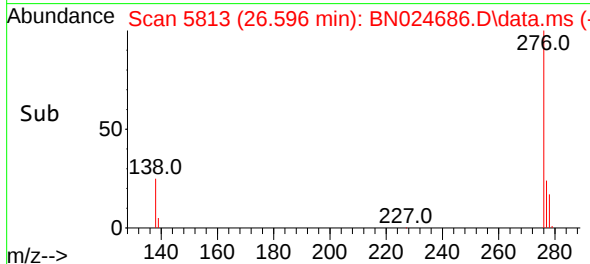
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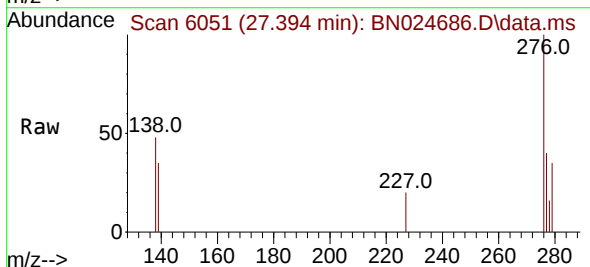
Tgt Ion:276 Resp: 3597
Ion Ratio Lower Upper
276 100
138 26.4 24.6 36.8
227 0.0 0.1 0.1

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 27.394 min Scan# 6051
Delta R.T. -0.057 min
Lab File: BN024686.D
Acq: 31 Mar 2023 19:19



Tgt Ion:276 Resp: 3939
Ion Ratio Lower Upper
276 100
138 48.3 21.4 32.2#
277 40.0 19.8 29.6#

