

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020824\
 Data File : BN029595.D
 Acq On : 09 Feb 2024 02:11
 Operator : MA/JU
 Sample : P1303-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0FG9

Quant Time: Feb 09 02:53:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:17:13 2024
 Response via : Initial Calibration

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

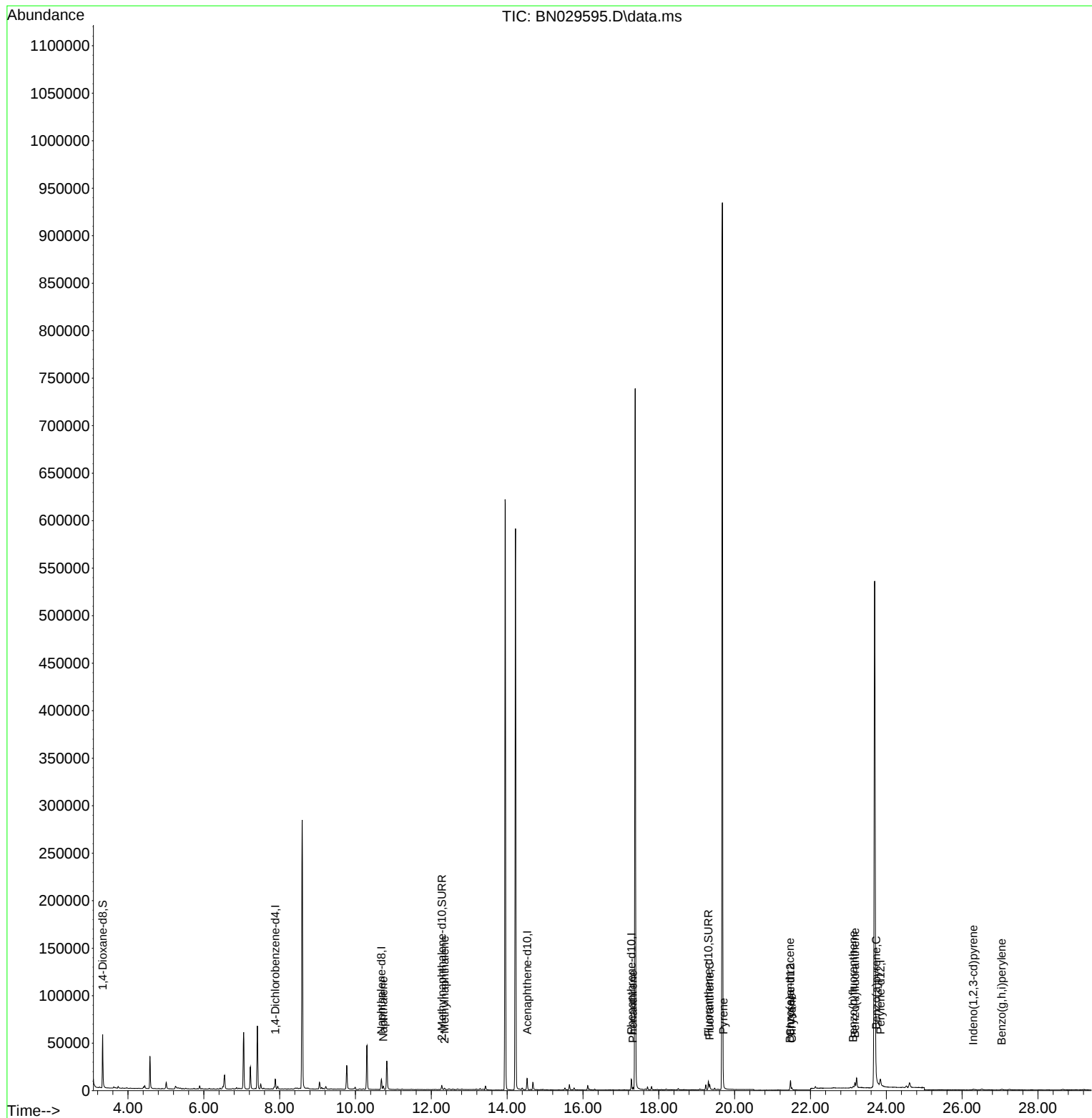
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	5281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	14257	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	6643	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	12717	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	9389	0.400	ng/ul	0.00
23) Perylene-d12	23.845	264	11139	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	33760	5.127	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.278	152	5657	0.312	ng/ul	0.00
18) Fluoranthene-d10	19.309	212	9299	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.733	128	4305	0.107	ng/ul#	95
7) 2-Methylnaphthalene	12.350	142	1152	0.050	ng/ul	100
15) Phenanthrene	17.318	178	2934	0.074	ng/ul#	94
19) Fluoranthene	19.341	202	4108	0.095	ng/ul#	70
20) Pyrene	19.704	202	3480	0.079	ng/ul#	89
21) Benzo(a)anthracene	21.457	228	1413	0.042	ng/ul#	84
22) Chrysene	21.510	228	2204	0.059	ng/ul#	91
24) Benzo(b)fluoranthene	23.126	252	2871	0.069	ng/ul#	33
25) Benzo(k)fluoranthene	23.173	252	1455	0.031	ng/ul#	1
26) Benzo(a)pyrene	23.737	252	1417	0.036	ng/ul#	14
27) Indeno(1,2,3-cd)pyrene	26.297	276	1300	0.027	ng/ul#	100
29) Benzo(g,h,i)perylene	27.045	276	1398	0.032	ng/ul#	60

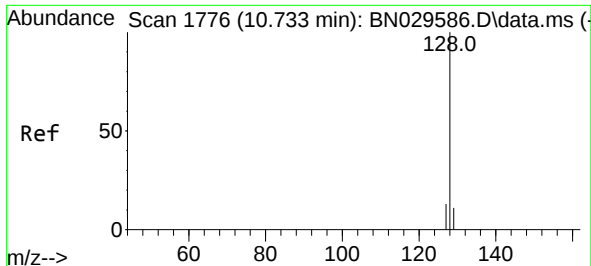
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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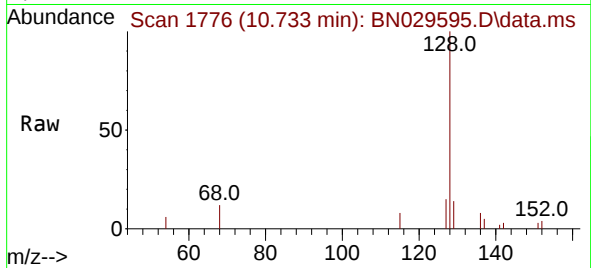
Quant Time: Feb 09 02:53:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
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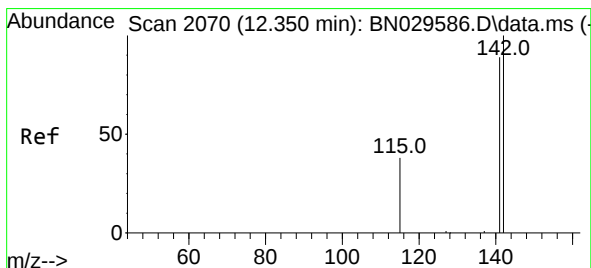
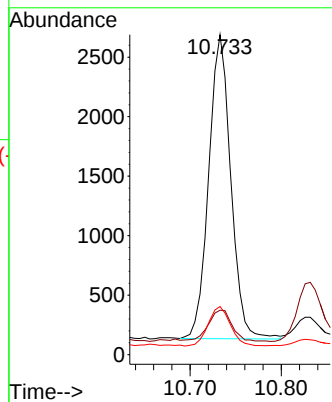
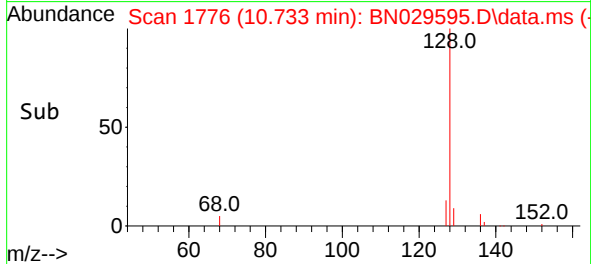


#5
Naphthalene
Concen: 0.107 ng/ul
RT: 10.733 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

Instrument :
BNA_N
ClientSampleId :
C0FG9

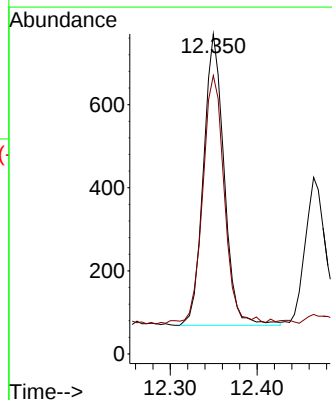
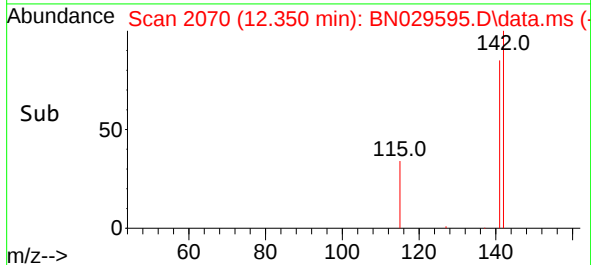
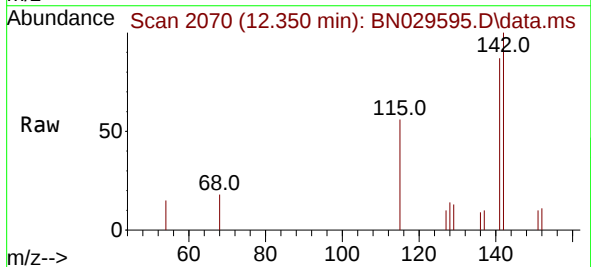


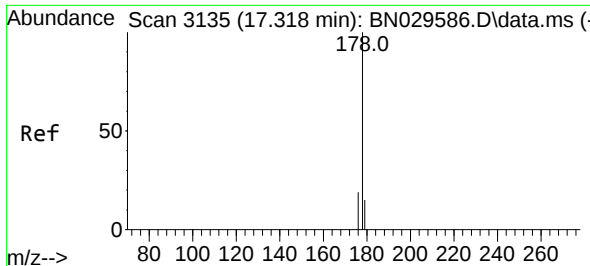
Tgt Ion:128 Resp: 4305
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7#
127 15.0 11.0 16.6



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.350 min Scan# 2070
Delta R.T. -0.005 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

Tgt Ion:142 Resp: 1152
Ion Ratio Lower Upper
142 100
141 89.8 71.5 107.3

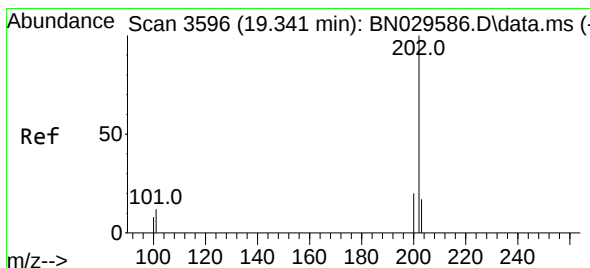
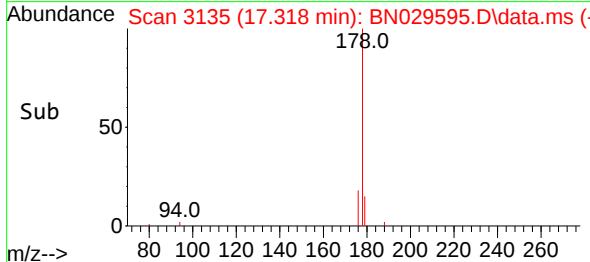
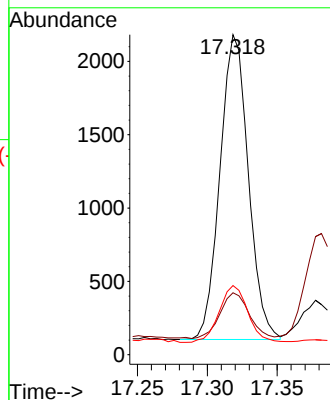
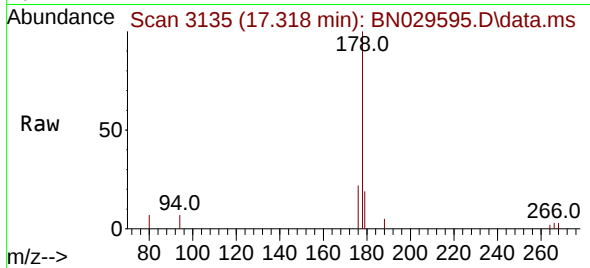




#15
Phenanthrene
Concen: 0.074 ng/ul
RT: 17.318 min Scan# 3135
Delta R.T. -0.008 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

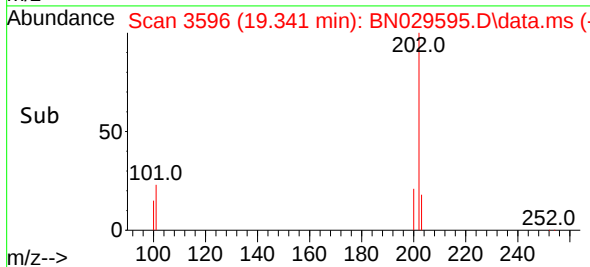
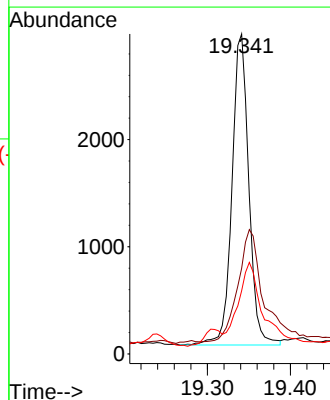
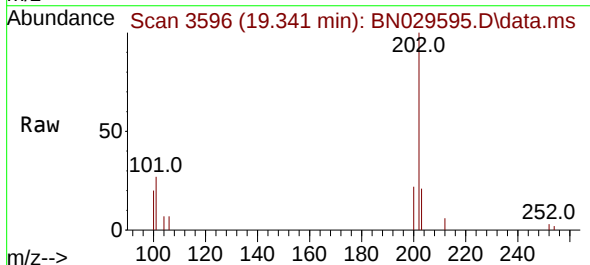
Instrument :
BNA_N
ClientSampleId :
C0FG9

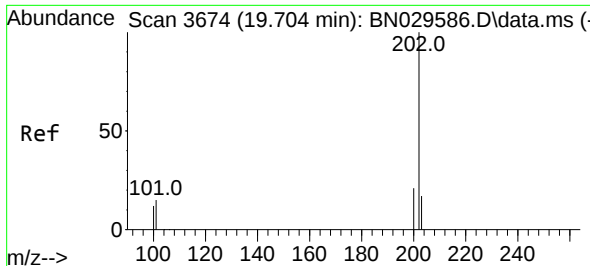
Tgt Ion:178 Resp: 2934
Ion Ratio Lower Upper
178 100
179 19.4 12.6 18.8#
176 21.6 15.7 23.5



#19
Fluoranthene
Concen: 0.095 ng/ul
RT: 19.341 min Scan# 3596
Delta R.T. -0.005 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

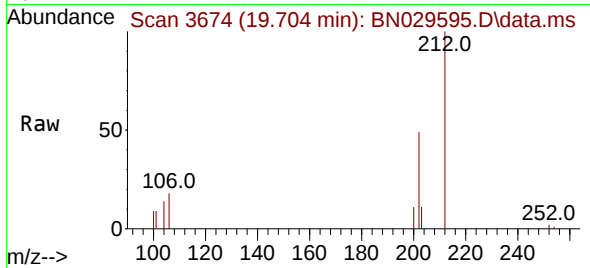
Tgt Ion:202 Resp: 4108
Ion Ratio Lower Upper
202 100
101 26.8 10.4 15.6#
100 19.8 8.5 12.7#



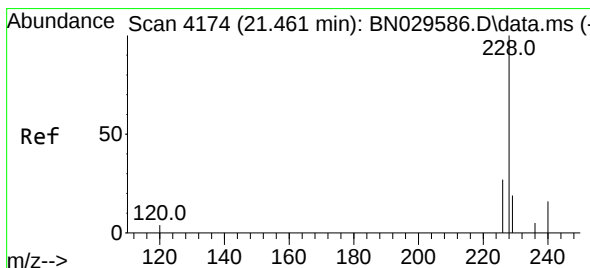
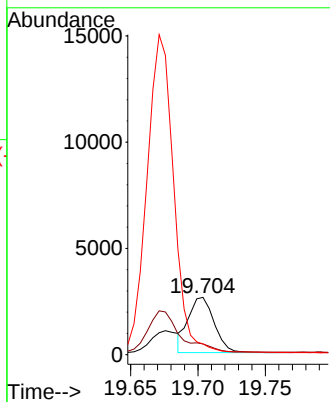
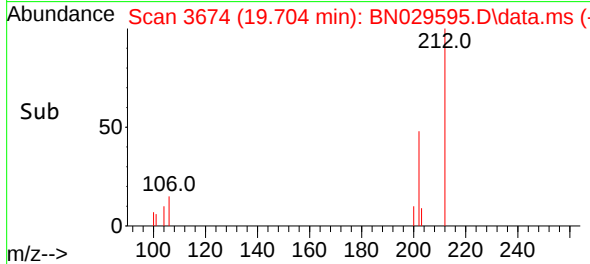


#20
Pyrene
Concen: 0.079 ng/ul
RT: 19.704 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

Instrument :
BNA_N
ClientSampleId :
C0FG9

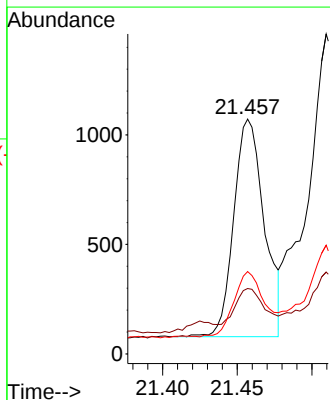
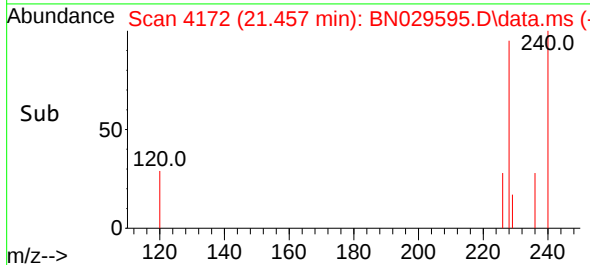
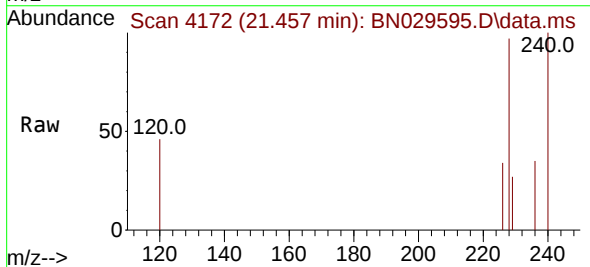


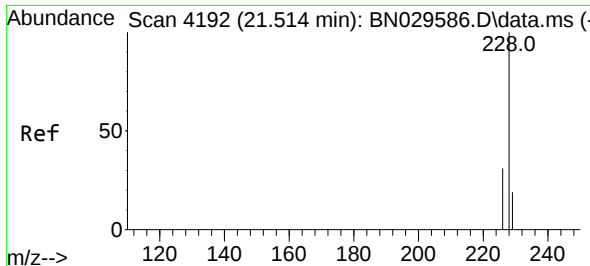
Tgt Ion:202 Resp: 3480
Ion Ratio Lower Upper
202 100
101 18.6 12.5 18.7
100 18.6 10.0 15.0#



#21
Benzo(a)anthracene
Concen: 0.042 ng/ul
RT: 21.457 min Scan# 4172
Delta R.T. -0.010 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

Tgt Ion:228 Resp: 1413
Ion Ratio Lower Upper
228 100
229 27.9 15.7 23.5#
226 35.1 22.2 33.4#





#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.510 min Scan# 4192

Delta R.T. -0.010 min

Lab File: BN029595.D

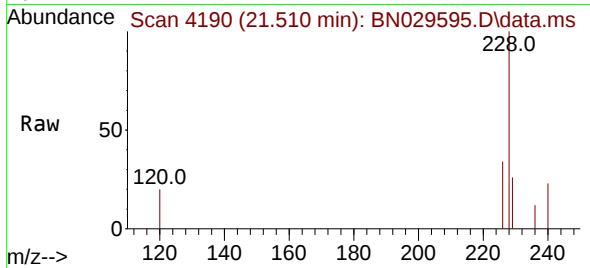
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Instrument :

BNA_N

ClientSampleId :

C0FG9



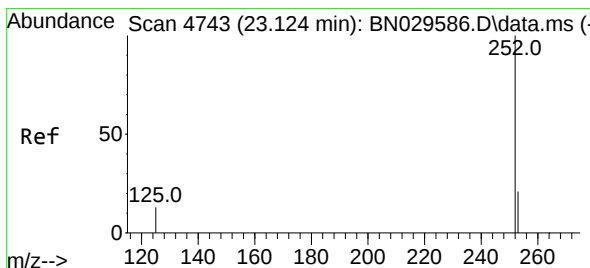
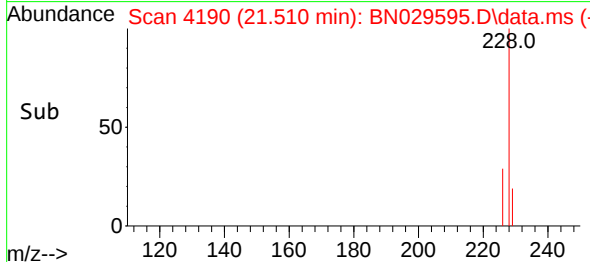
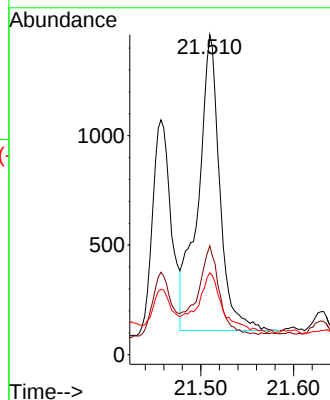
Tgt Ion:228 Resp: 2204

Ion Ratio Lower Upper

228 100

226 34.0 24.2 36.2

229 25.6 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 0.069 ng/ul

RT: 23.126 min Scan# 4743

Delta R.T. -0.010 min

Lab File: BN029595.D

Acq: 09 Feb 2024 02:11

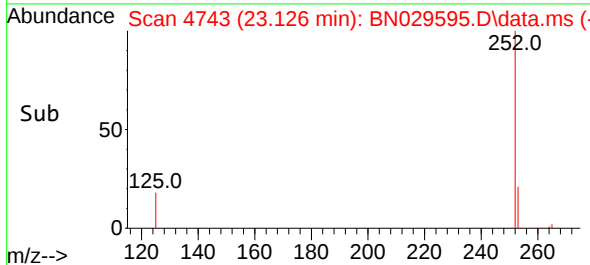
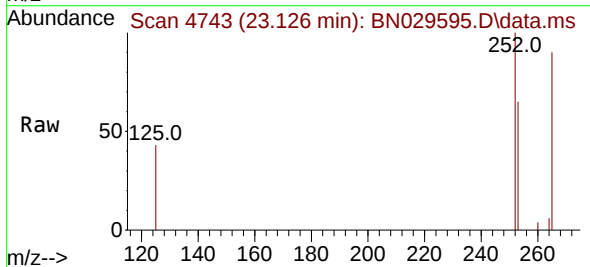
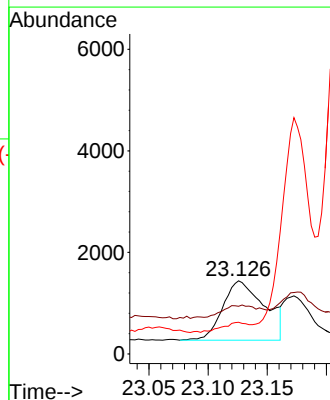
Tgt Ion:252 Resp: 2871

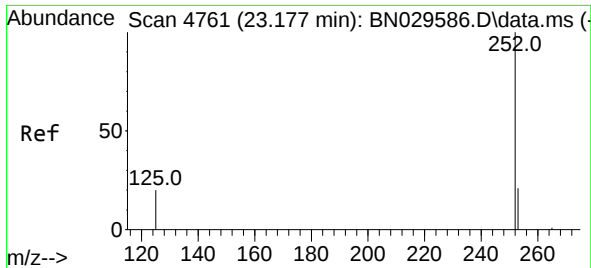
Ion Ratio Lower Upper

252 100

253 65.2 0.0 56.8#

125 43.3 0.0 32.4#

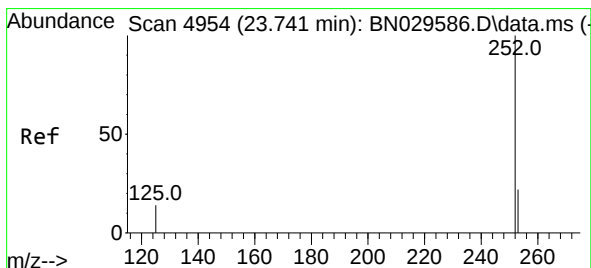
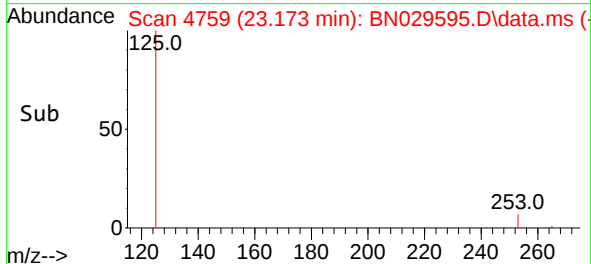
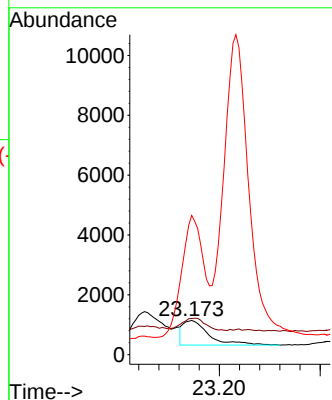
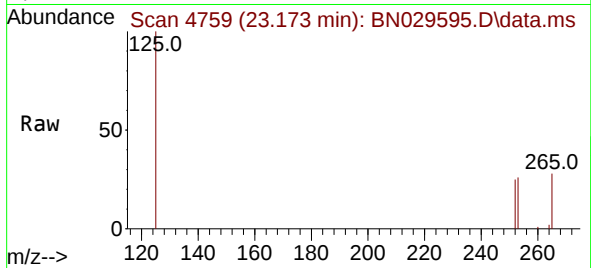




#25
Benzo(k)fluoranthene
Concen: 0.031 ng/ul
RT: 23.173 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

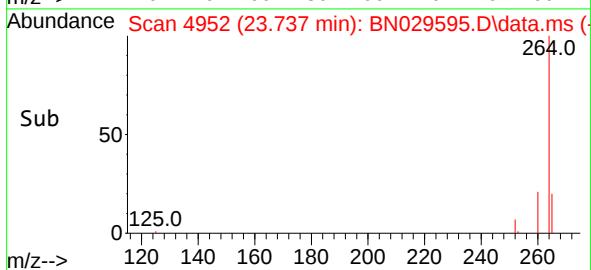
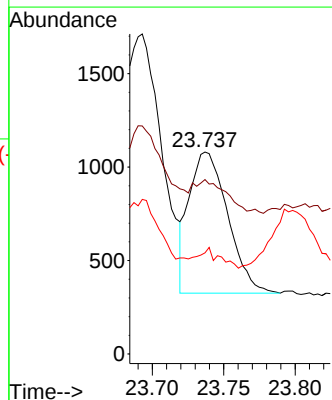
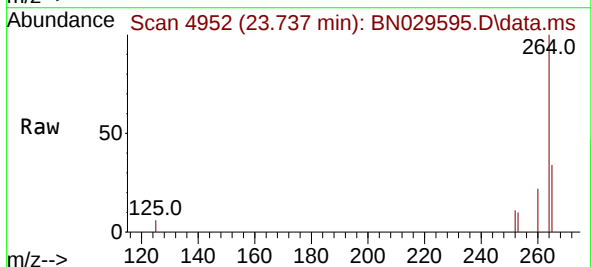
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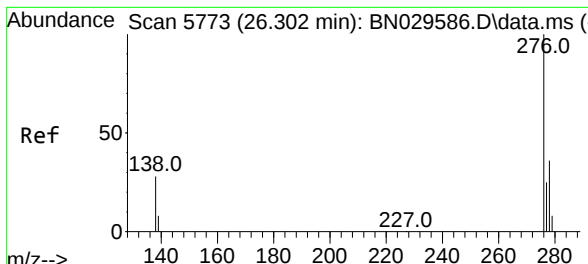
Tgt Ion:252 Resp: 1455
Ion Ratio Lower Upper
252 100
253 105.8 22.6 33.8#
125 407.2 15.3 22.9#



#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.737 min Scan# 4952
Delta R.T. -0.016 min
Lab File: BN029595.D
Acq: 09 Feb 2024 02:11

Tgt Ion:252 Resp: 1417
Ion Ratio Lower Upper
252 100
253 86.4 25.4 38.0#
125 50.1 16.0 24.0#



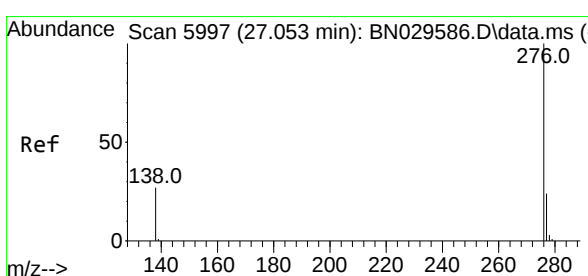
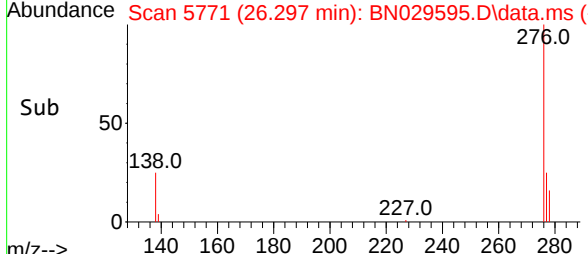
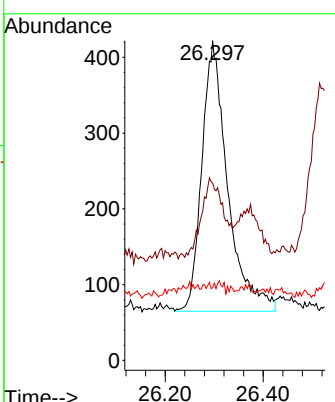
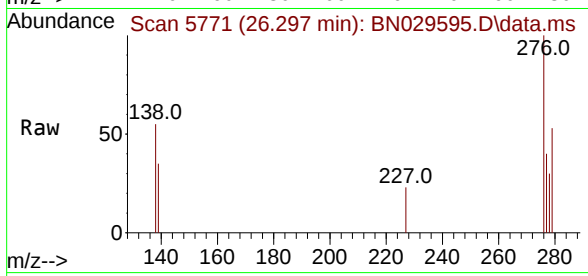


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.027 ng/ul
 RT: 26.297 min Scan# 51
 Delta R.T. -0.022 min
 Lab File: BN029595.D
 Acq: 09 Feb 2024 02:11

Instrument :
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 ClientSampleId :
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Tgt Ion:276 Resp: 1300

Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
227	0.0	0.0	0.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.032 ng/ul
 RT: 27.045 min Scan# 5994
 Delta R.T. -0.018 min
 Lab File: BN029595.D
 Acq: 09 Feb 2024 02:11

Tgt Ion:276 Resp: 1398

Ion	Ratio	Lower	Upper
276	100		
138	57.8	24.6	37.0#
277	38.2	19.7	29.5#

