

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026232.D
 Acq On : 03 Jul 2023 19:20
 Operator : MA/JU
 Sample : 03246-12
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ9

Quant Time: Jul 04 01:03:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

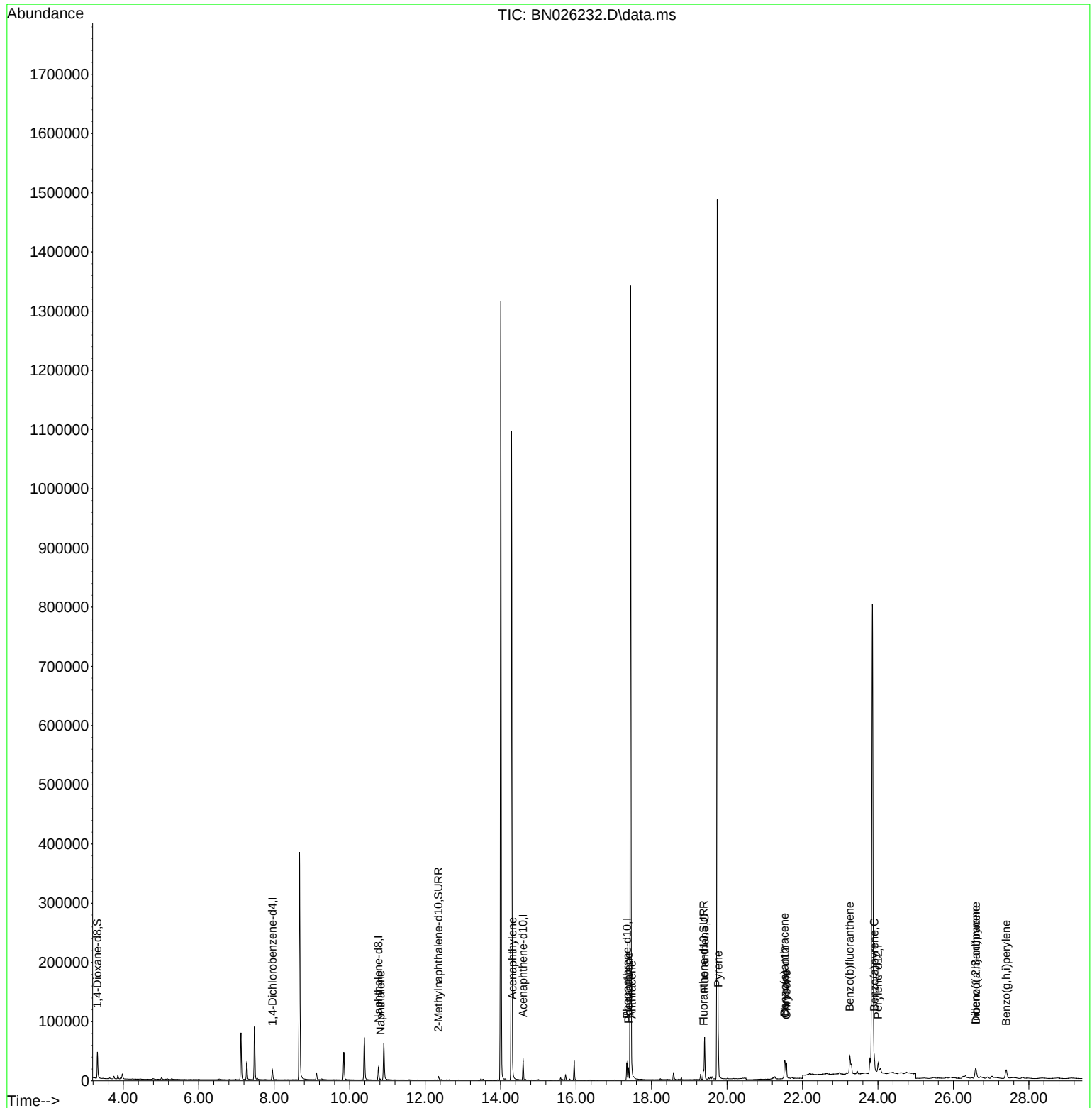
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	9814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	30957	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	18078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	35106	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	19425	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	23493	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	30636	2.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	9345	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	17825	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	1925	0.022	ng/ul#	81
10) Acenaphthylene	14.316	152	7524	0.089	ng/ul#	95
15) Phenanthrene	17.389	178	22682	0.196	ng/ul	98
16) Anthracene	17.478	178	6958	0.068	ng/ul#	92
19) Fluoranthene	19.405	202	61500	0.593	ng/ul	99
20) Pyrene	19.768	202	50521	0.468	ng/ul	98
21) Benzo(a)anthracene	21.523	228	25488	0.318	ng/ul#	93
22) Chrysene	21.575	228	29334	0.352	ng/ul#	92
24) Benzo(b)fluoranthene	23.253	252	70780	0.706	ng/ul	96
26) Benzo(a)pyrene	23.902	252	30456	0.350	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.591	276	31510	0.331	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.594	278	8291	0.115	ng/ul#	60
29) Benzo(g,h,i)perylene	27.399	276	34315	0.406	ng/ul	97

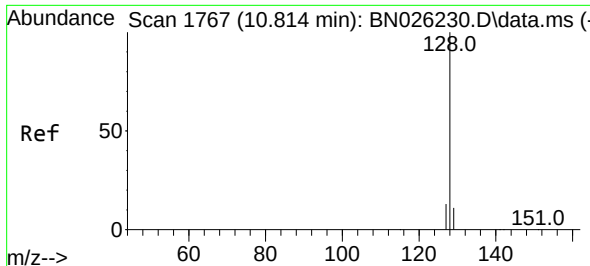
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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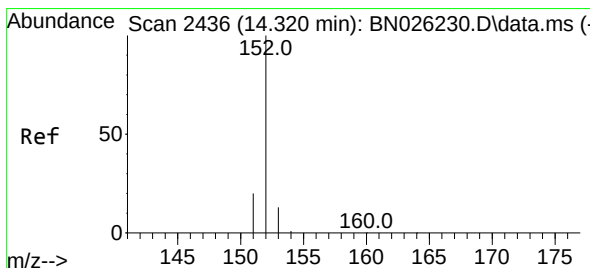
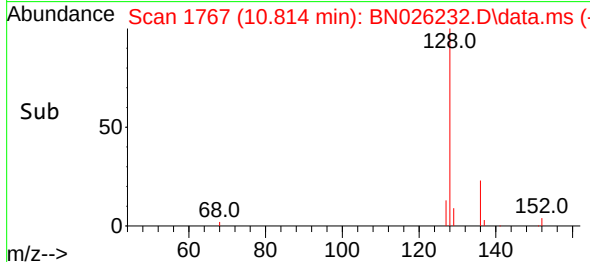
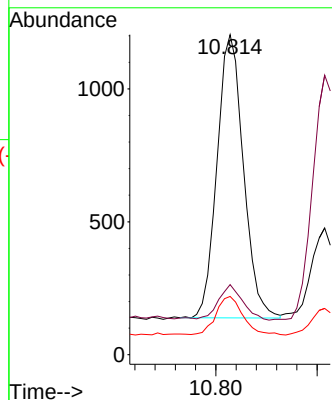
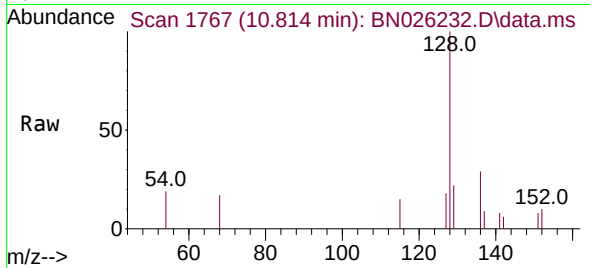




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

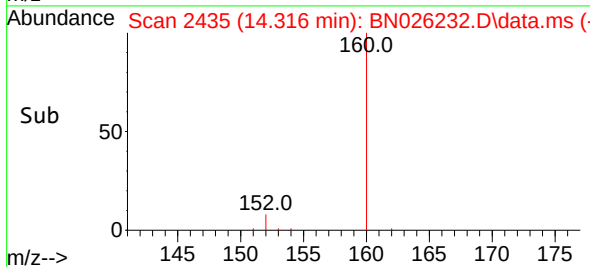
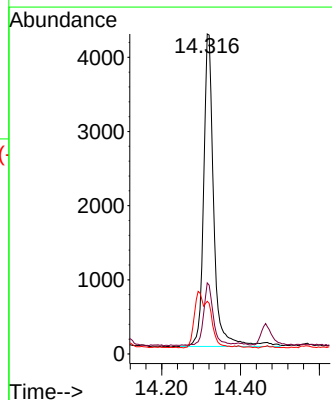
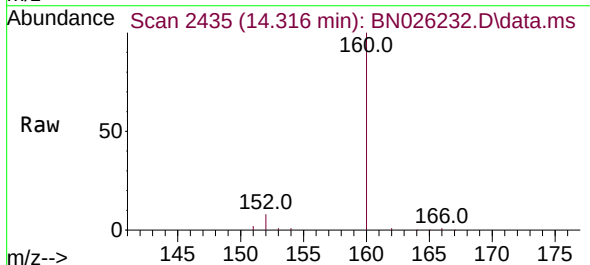
Instrument :
BNA_N
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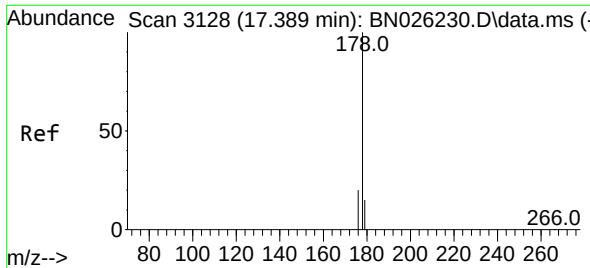
Tgt Ion:128 Resp: 1925
Ion Ratio Lower Upper
128 100
129 21.9 9.1 13.7#
127 18.2 10.7 16.1#



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

Tgt Ion:152 Resp: 7524
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4
153 16.5 10.9 16.3#

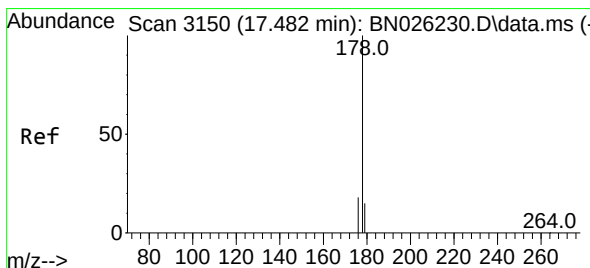
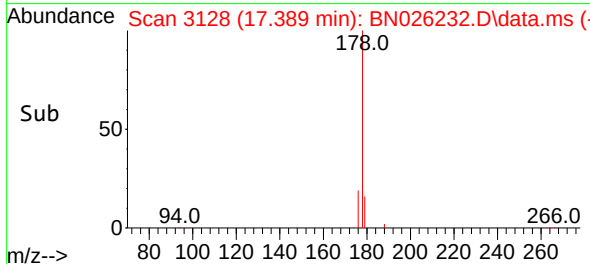
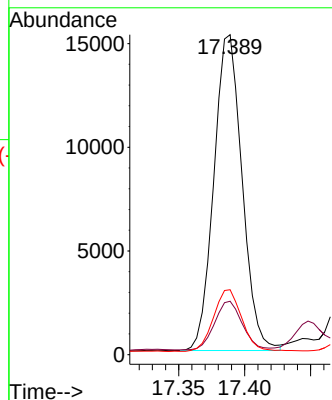
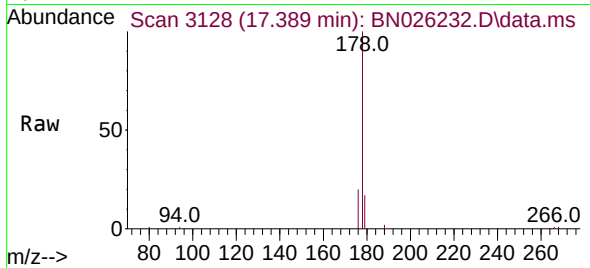




#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

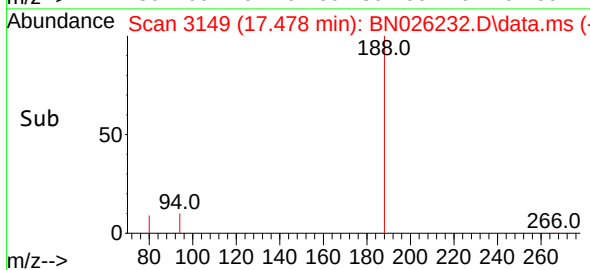
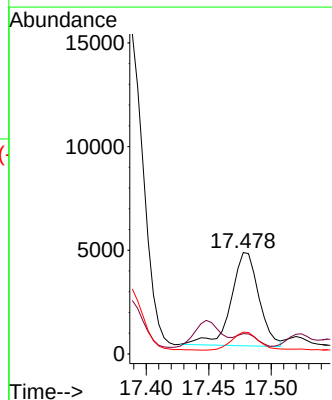
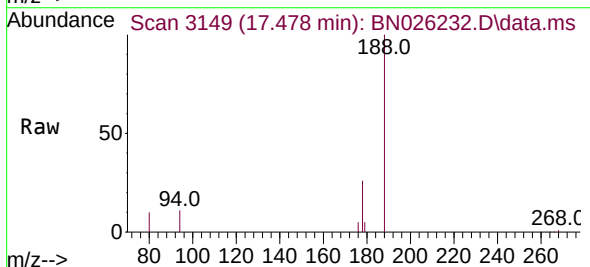
Instrument :
BNA_N
ClientSampleId :
DCGJ9

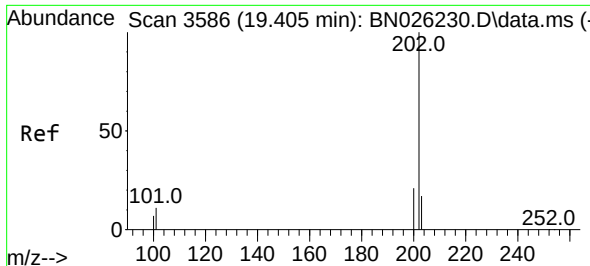
Tgt Ion:178	Resp:	22682
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.6 19.0
176	20.3	15.8 23.6



#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

Tgt Ion:178	Resp:	6958
Ion Ratio	Lower	Upper
178	100	
179	20.1	12.6 18.8#
176	21.4	15.1 22.7

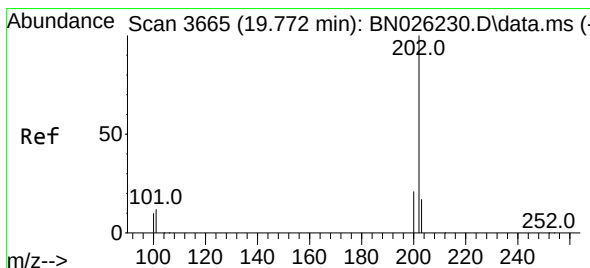
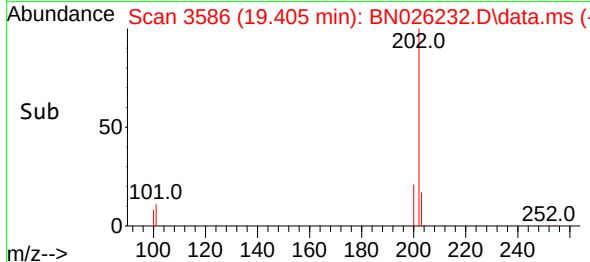
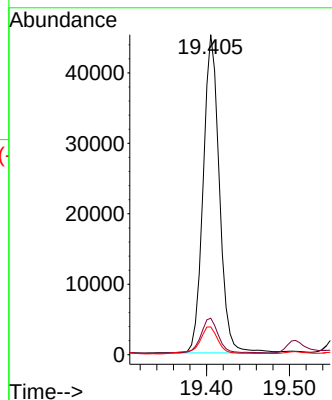
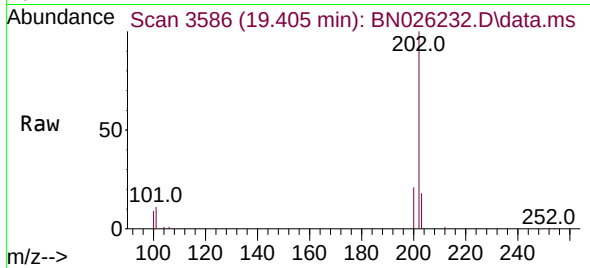




#19
Fluoranthene
Concen: 0.593 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

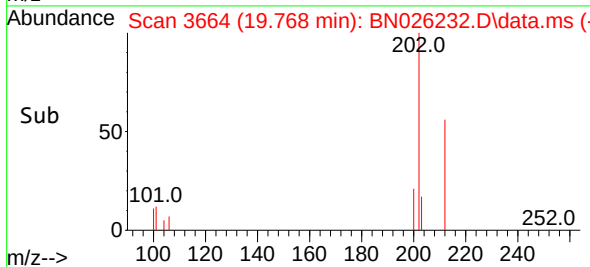
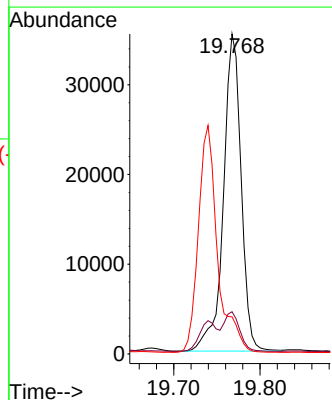
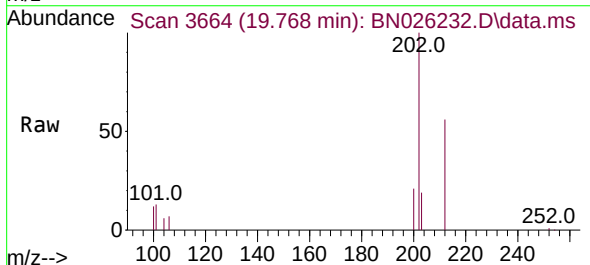
Instrument :
BNA_N
ClientSampleId :
DCGJ9

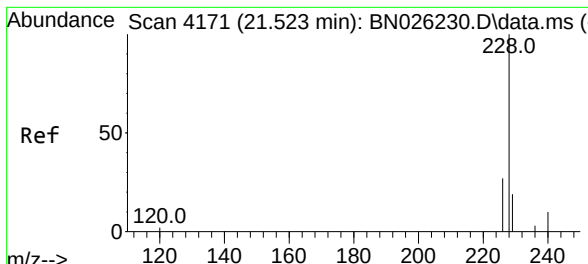
Tgt Ion:202 Resp: 61500
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.468 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

Tgt Ion:202 Resp: 50521
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.6 9.1 13.7

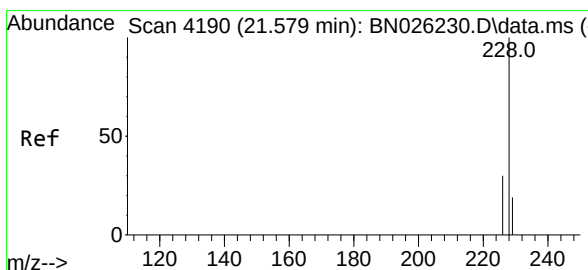
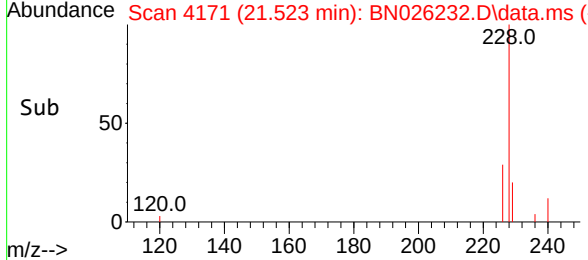
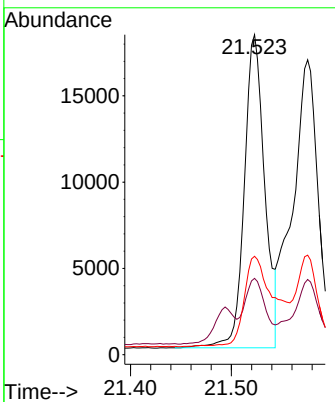
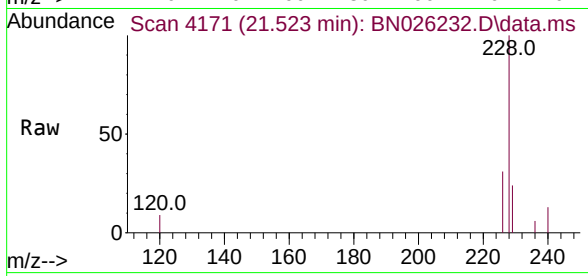




#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.000 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

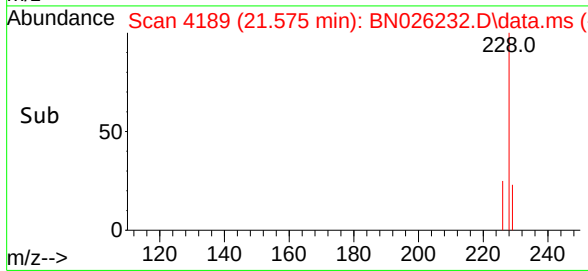
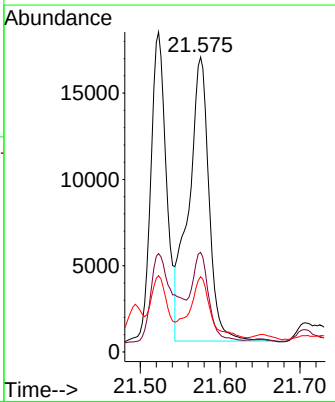
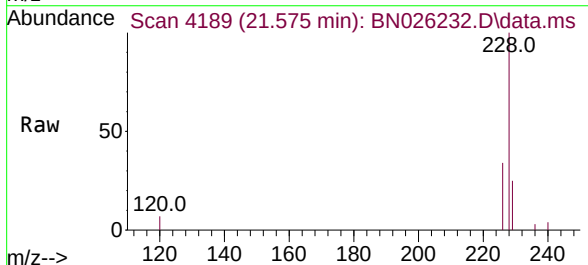
Instrument :
BNA_N
ClientSampleId :
DCGJ9

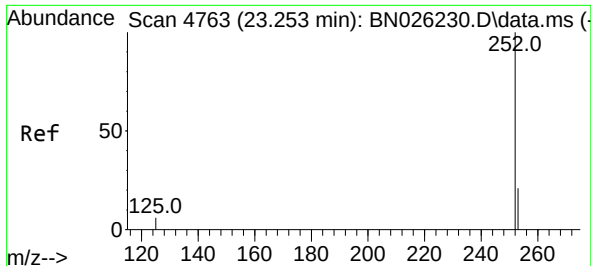
Tgt Ion:	228	Resp:	25488
Ion Ratio	Lower	Upper	
228	100		
229	23.9	15.8	23.6#
226	30.8	22.5	33.7



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

Tgt Ion:	228	Resp:	29334
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.8	37.2
229	25.5	15.7	23.5#

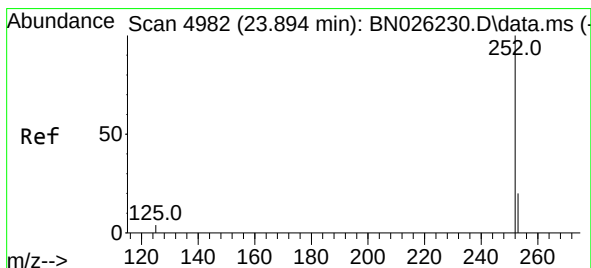
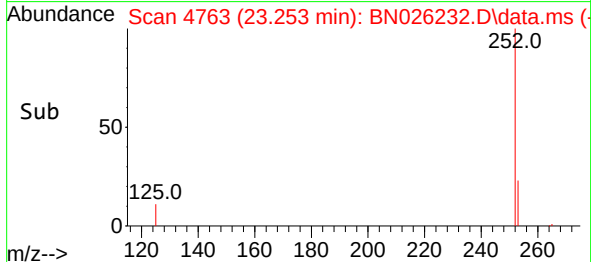
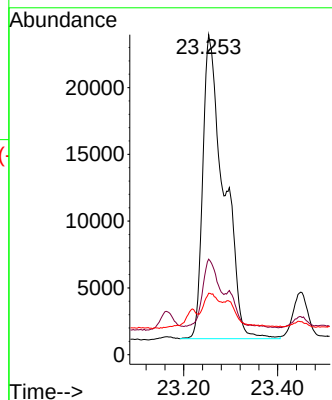
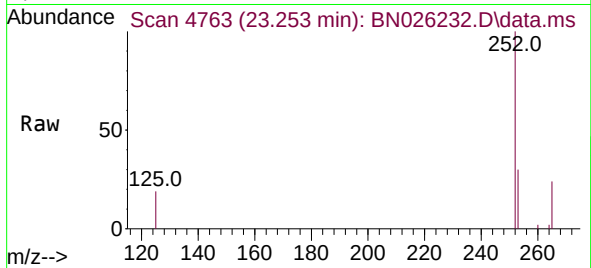




#24
Benzo(b)fluoranthene
Concen: 0.706 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. -0.000 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

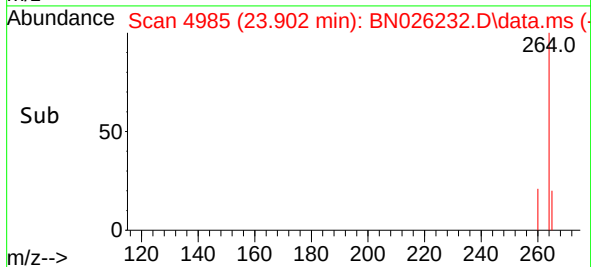
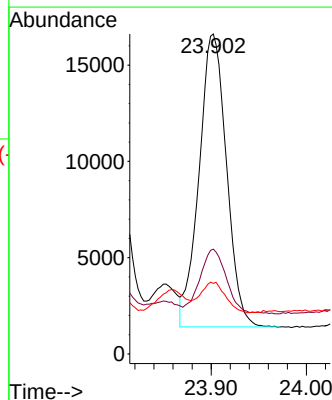
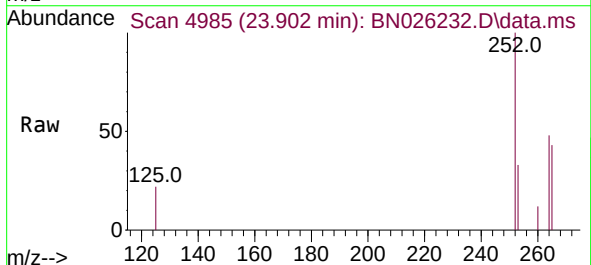
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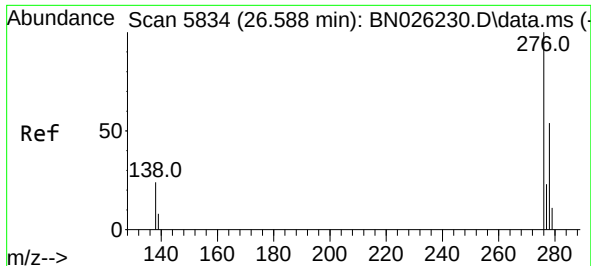
Tgt Ion:252 Resp: 70780
Ion Ratio Lower Upper
252 100
253 29.9 0.0 55.6
125 19.2 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. 0.009 min
Lab File: BN026232.D
Acq: 03 Jul 2023 19:20

Tgt Ion:252 Resp: 30456
Ion Ratio Lower Upper
252 100
253 32.8 26.0 39.0
125 22.0 17.3 25.9

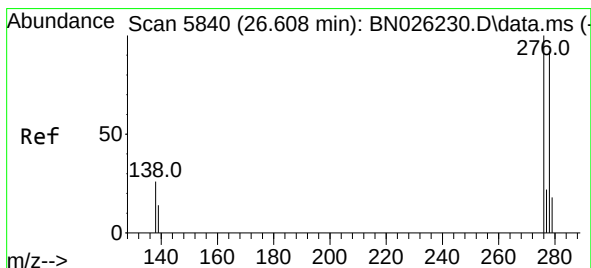
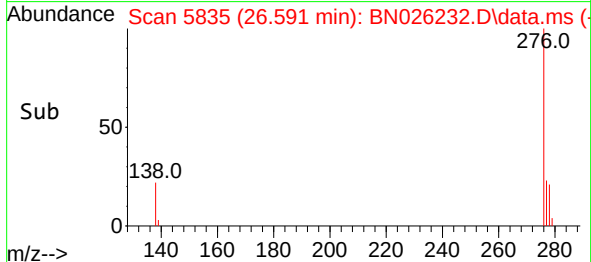
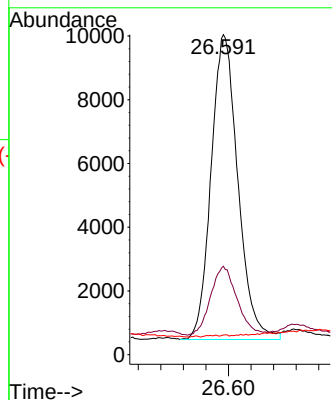
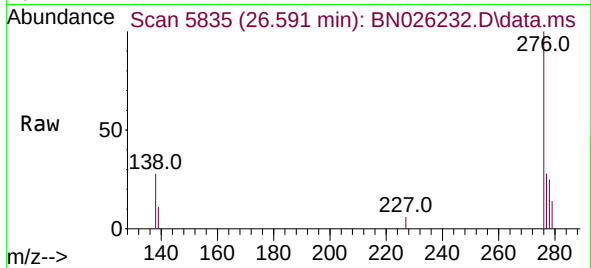




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.331 ng/ul
 RT: 26.591 min Scan# 5835
 Delta R.T. 0.003 min
 Lab File: BN026232.D
 Acq: 03 Jul 2023 19:20

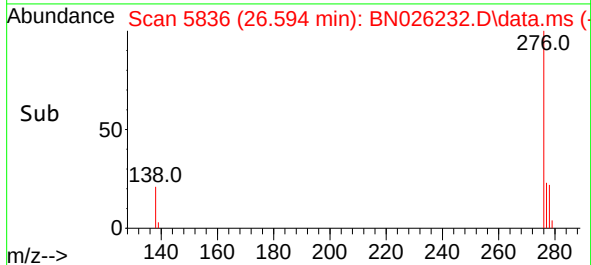
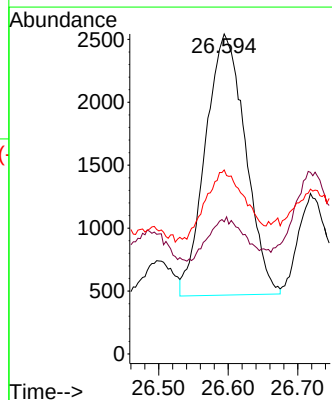
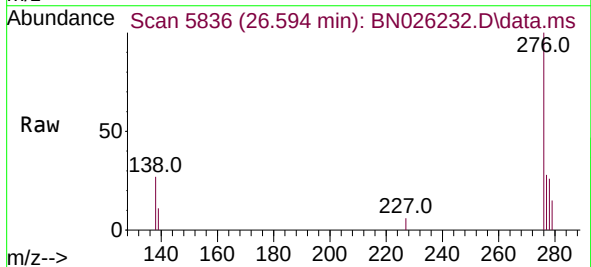
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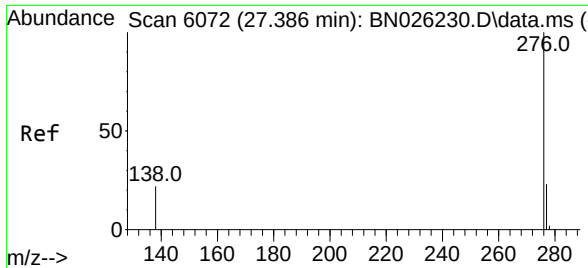
Tgt Ion:276 Resp: 31510
 Ion Ratio Lower Upper
 276 100
 138 22.3 24.5 36.7#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.115 ng/ul
 RT: 26.594 min Scan# 5836
 Delta R.T. -0.014 min
 Lab File: BN026232.D
 Acq: 03 Jul 2023 19:20

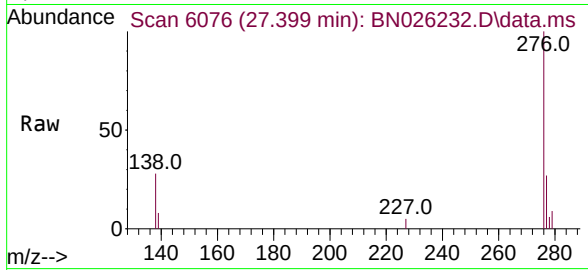
Tgt Ion:278 Resp: 8291
 Ion Ratio Lower Upper
 278 100
 139 41.3 19.0 28.4#
 279 57.5 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.406 ng/ul
 RT: 27.399 min Scan# 6076
 Delta R.T. 0.013 min
 Lab File: BN026232.D
 Acq: 03 Jul 2023 19:20

Instrument :
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Tgt Ion:	276	Resp:	34315
Ion Ratio	Lower	Upper	
276	100		
138	27.8	23.4	35.0
277	27.1	20.0	30.0

