

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028087.D
 Acq On : 06 Oct 2023 16:30
 Operator : MA/JU
 Sample : 04527-04DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 07 00:31:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

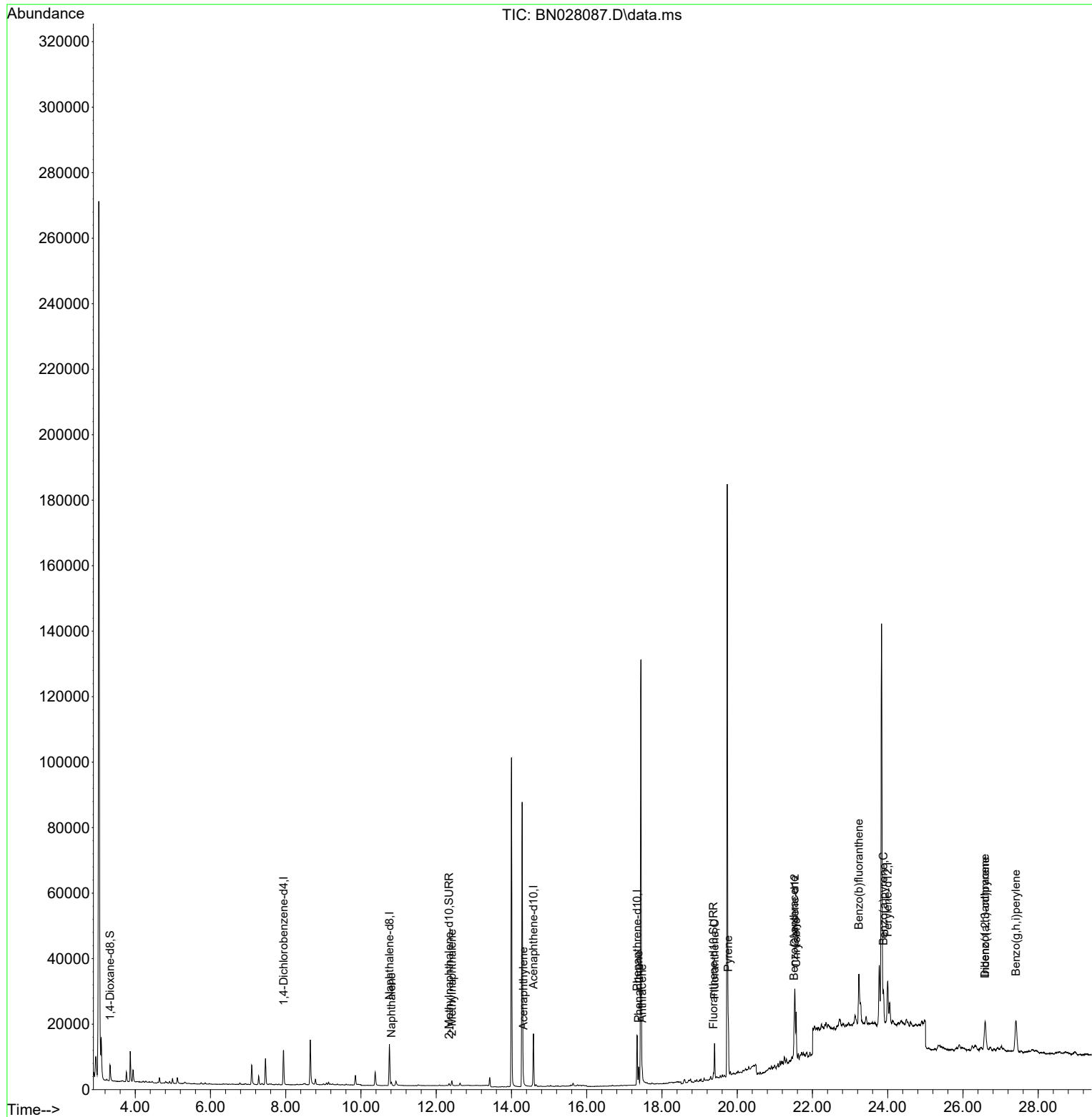
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5496	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	17212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	9062	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	18376	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	16152	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	18583	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3652	0.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	858	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.366	212	1757	0.034	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1246	0.026	ng/ul#	79
7) 2-Methylnaphthalene	12.418	142	1224	0.040	ng/ul	97
10) Acenaphthylene	14.314	152	2004	0.049	ng/ul#	85
15) Phenanthrene	17.379	178	5702	0.104	ng/ul#	91
16) Anthracene	17.472	178	3073	0.063	ng/ul#	82
19) Fluoranthene	19.399	202	9356	0.152	ng/ul	98
20) Pyrene	19.761	202	13116	0.205	ng/ul#	94
21) Benzo(a)anthracene	21.510	228	7377	0.125	ng/ul#	57
22) Chrysene	21.565	228	11759	0.197	ng/ul#	71
24) Benzo(b)fluoranthene	23.234	252	34771	0.505	ng/ul#	42
26) Benzo(a)pyrene	23.886	252	14826	0.252	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.589	276	15772	0.222	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.582	278	4768	0.082	ng/ul#	1
29) Benzo(g,h,i)perylene	27.407	276	22707	0.391	ng/ul#	70

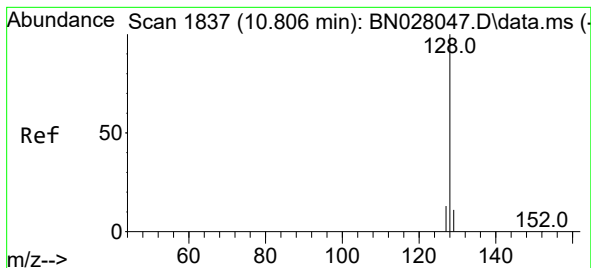
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.026 ng/ul

RT: 10.806 min Scan# 11

Delta R.T. -0.000 min

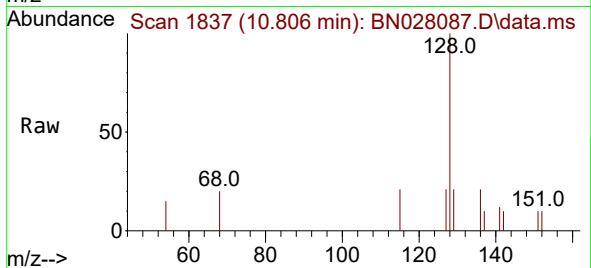
Lab File: BN028087.D

Acq: 06 Oct 2023 16:30

Instrument :

BNA_G

ClientSampleId :



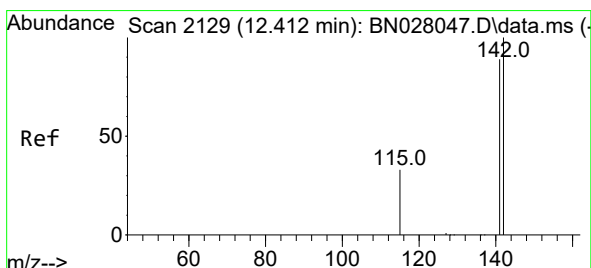
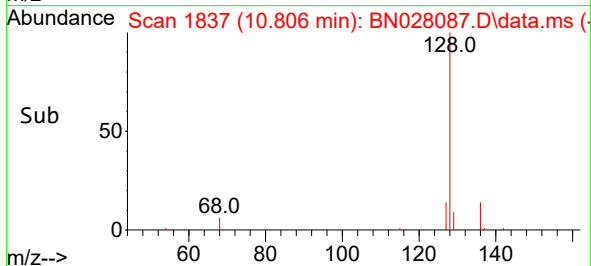
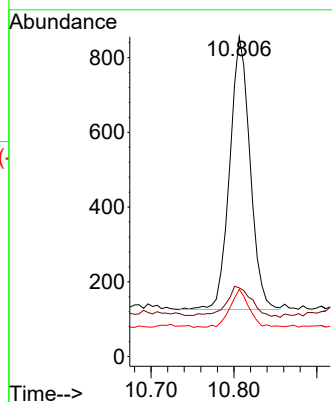
Tgt Ion:128 Resp: 1246

Ion Ratio Lower Upper

128 100

129 21.5 9.4 14.0#

127 21.0 11.0 16.4#



#7

2-Methylnaphthalene

Concen: 0.040 ng/ul

RT: 12.418 min Scan# 2130

Delta R.T. 0.005 min

Lab File: BN028087.D

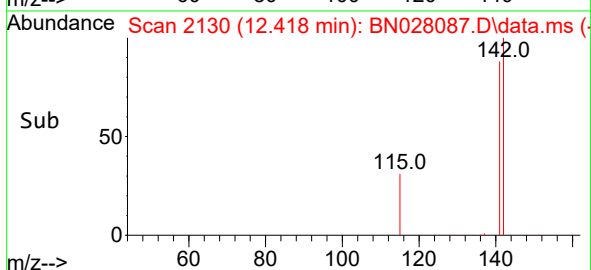
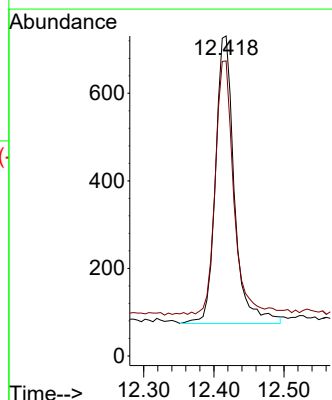
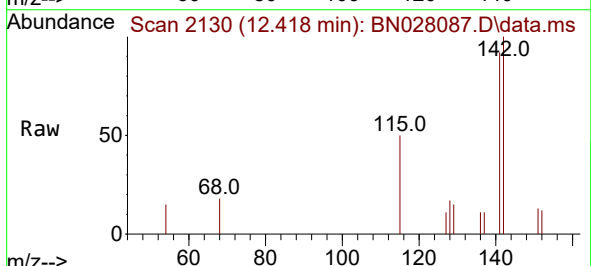
Acq: 06 Oct 2023 16:30

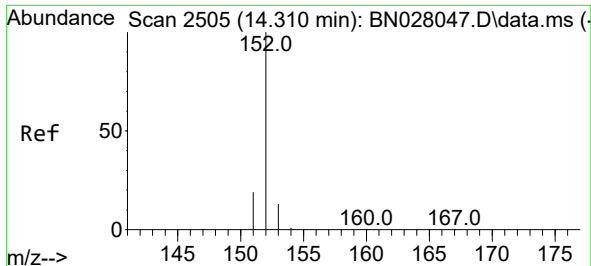
Tgt Ion:142 Resp: 1224

Ion Ratio Lower Upper

142 100

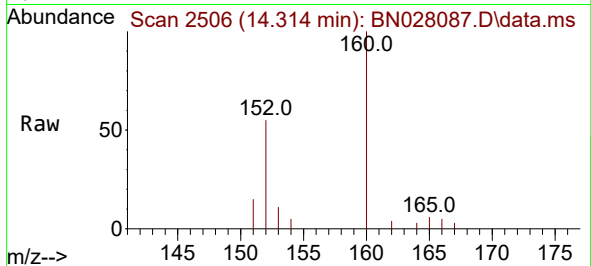
141 86.1 70.9 106.3



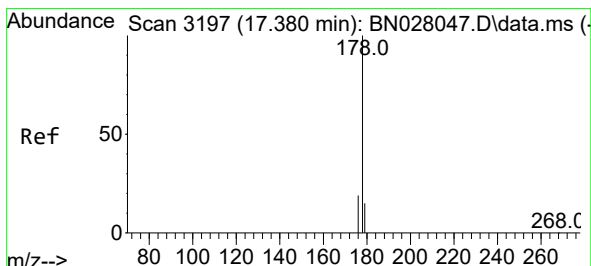
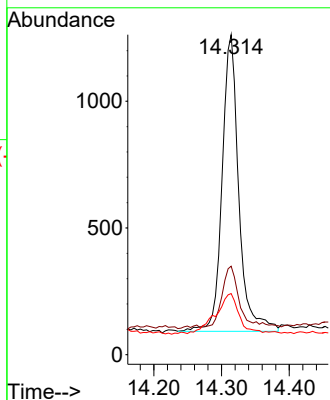
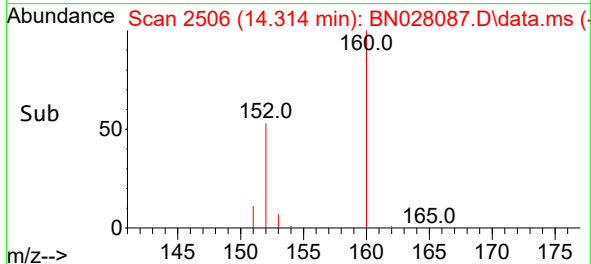


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

Instrument :
BNA_G
ClientSampleId :

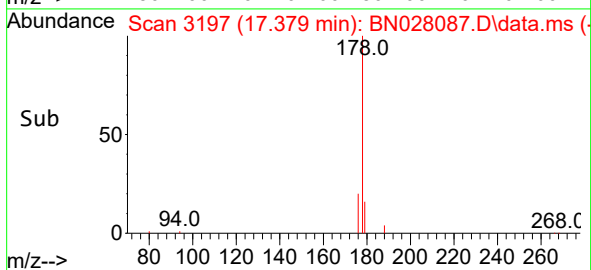
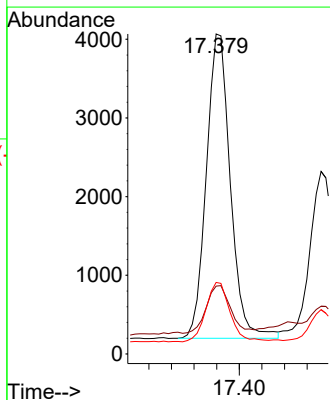
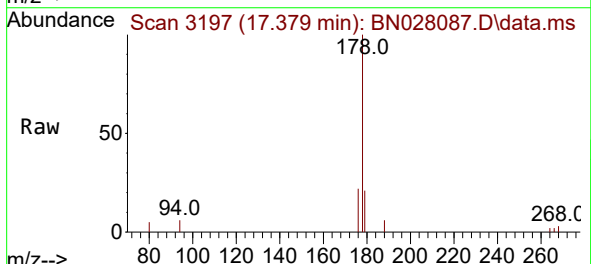


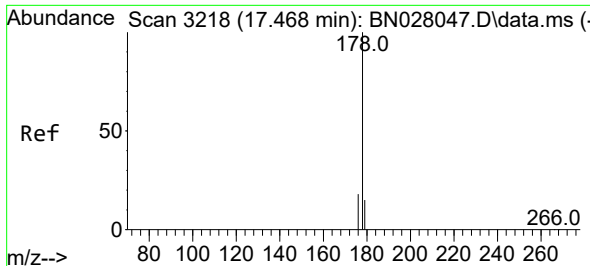
Tgt Ion:152 Resp: 2004
Ion Ratio Lower Upper
152 100
151 27.6 16.4 24.6#
153 19.1 10.9 16.3#



#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.379 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

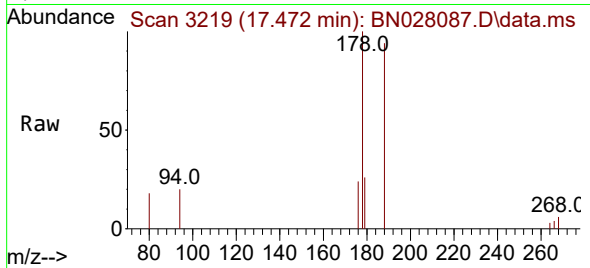
Tgt Ion:178 Resp: 5702
Ion Ratio Lower Upper
178 100
179 21.2 12.6 19.0#
176 22.4 15.5 23.3



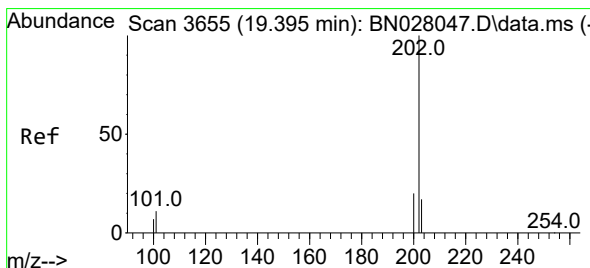
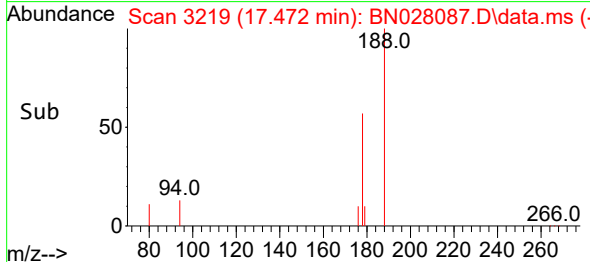
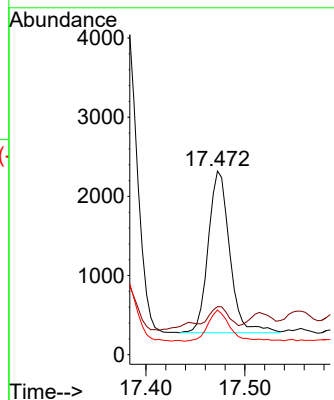


#16
 Anthracene
 Concen: 0.063 ng/ul
 RT: 17.472 min Scan# 318
 Delta R.T. 0.004 min
 Lab File: BN028087.D
 Acq: 06 Oct 2023 16:30

Instrument :
 BNA_G
 ClientSampleId :

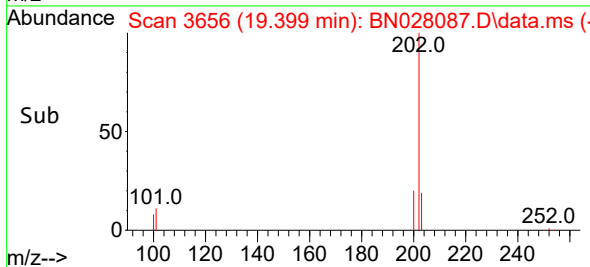
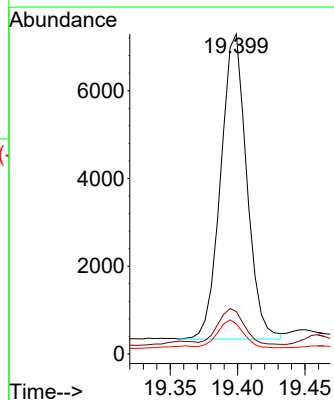
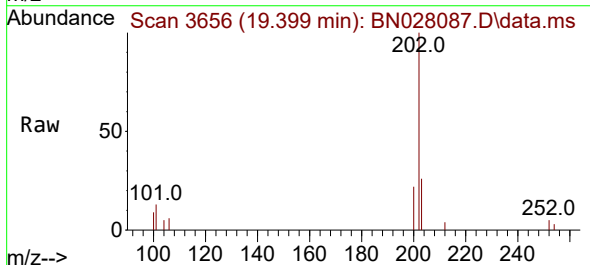


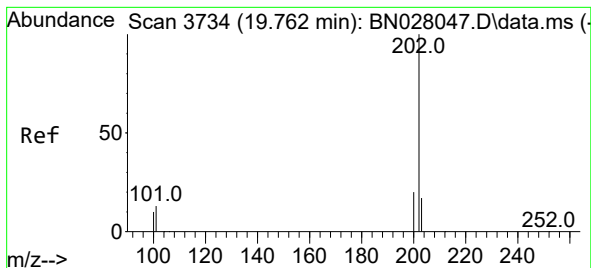
Tgt Ion:178 Resp: 3073
 Ion Ratio Lower Upper
 178 100
 179 26.2 12.8 19.2#
 176 24.3 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.152 ng/ul
 RT: 19.399 min Scan# 3656
 Delta R.T. 0.009 min
 Lab File: BN028087.D
 Acq: 06 Oct 2023 16:30

Tgt Ion:202 Resp: 9356
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.6 14.4
 100 9.4 7.4 11.0





#20

Pyrene

Concen: 0.205 ng/ul

RT: 19.761 min Scan# 31

Delta R.T. 0.005 min

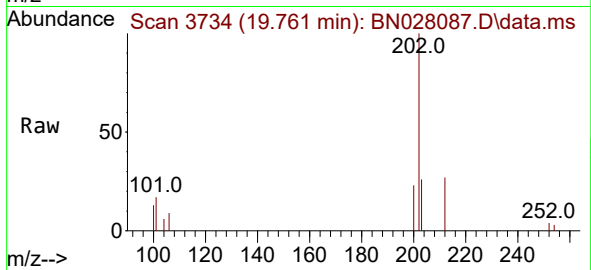
Lab File: BN028087.D

Acq: 06 Oct 2023 16:30

Instrument :

BNA_G

ClientSampleId :



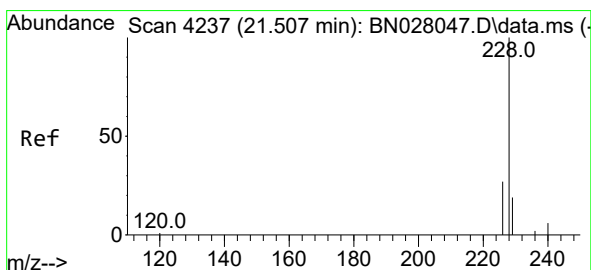
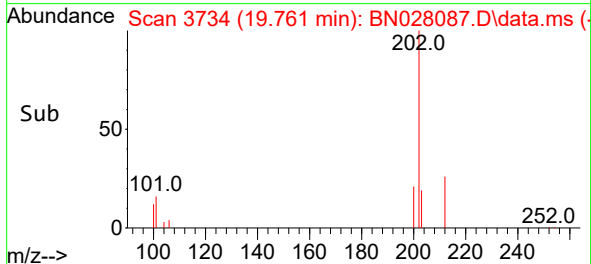
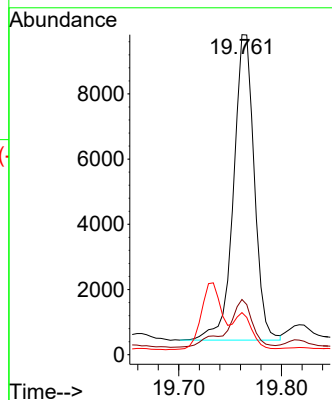
Tgt Ion:202 Resp: 13116

Ion Ratio Lower Upper

202 100

101 17.2 11.2 16.8#

100 13.1 9.1 13.7



#21

Benzo(a)anthracene

Concen: 0.125 ng/ul

RT: 21.510 min Scan# 4238

Delta R.T. 0.009 min

Lab File: BN028087.D

Acq: 06 Oct 2023 16:30

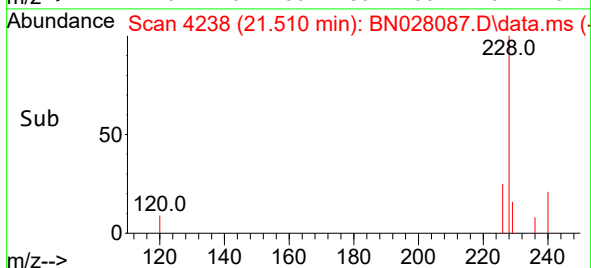
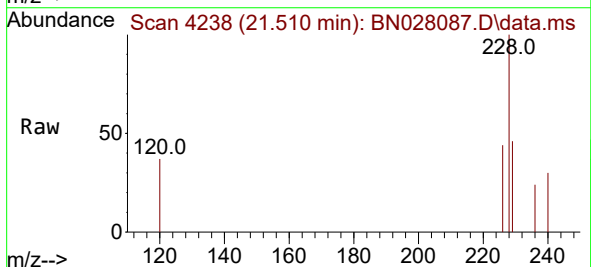
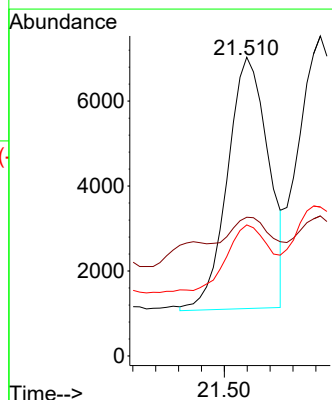
Tgt Ion:228 Resp: 7377

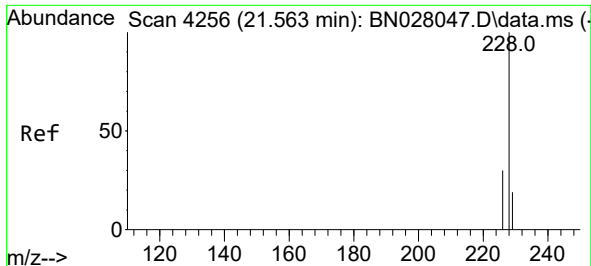
Ion Ratio Lower Upper

228 100

229 46.4 16.0 24.0#

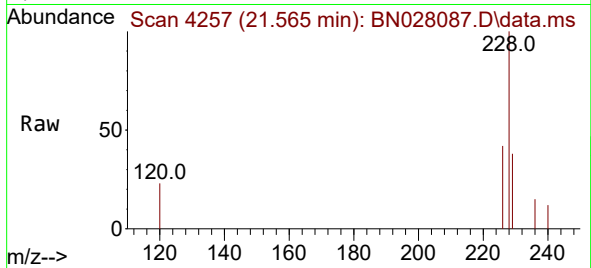
226 43.9 21.5 32.3#



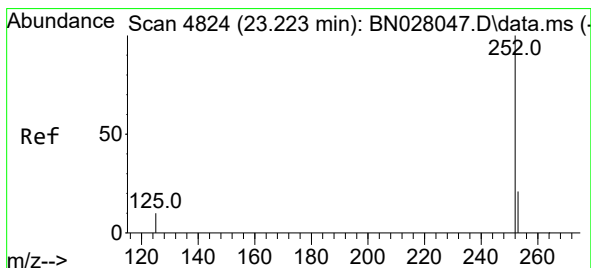
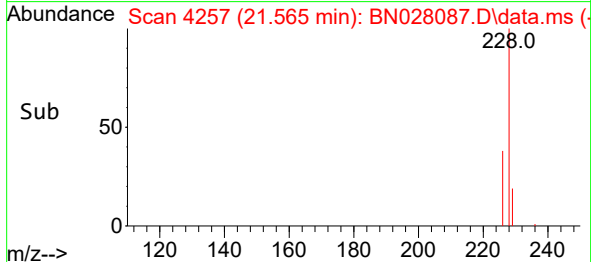
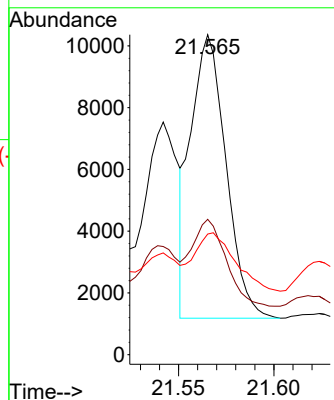


#22
Chrysene
Concen: 0.197 ng/ul
RT: 21.565 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

Instrument :
BNA_G
ClientSampleId :

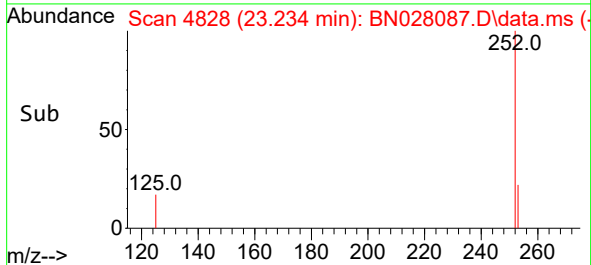
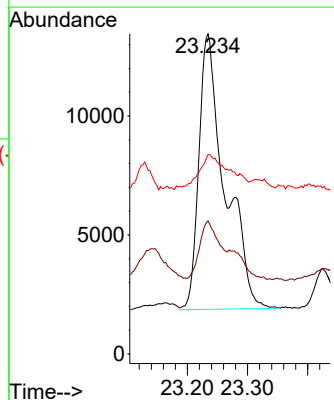
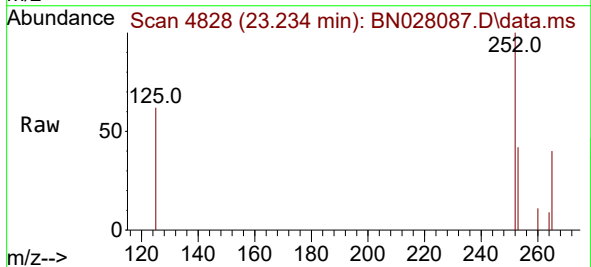


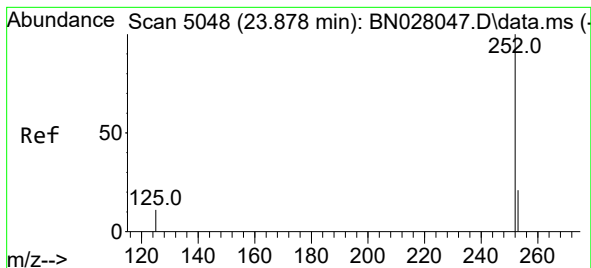
Tgt Ion:228 Resp: 11759
Ion Ratio Lower Upper
228 100
226 42.3 23.8 35.8#
229 37.7 16.0 24.0#



#24
Benzo(b)fluoranthene
Concen: 0.505 ng/ul
RT: 23.234 min Scan# 4828
Delta R.T. 0.017 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

Tgt Ion:252 Resp: 34771
Ion Ratio Lower Upper
252 100
253 41.6 0.0 54.0
125 62.3 0.0 31.4#





#26

Benzo(a)pyrene

Concen: 0.252 ng/ul

RT: 23.886 min Scan# 5048

Delta R.T. 0.017 min

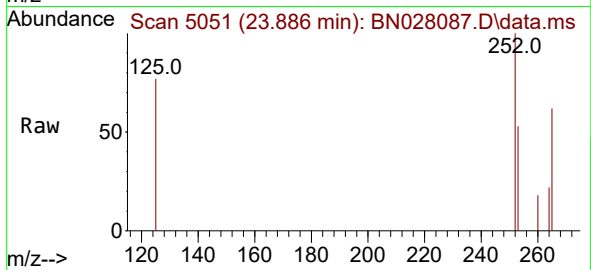
Lab File: BN028087.D

Acq: 06 Oct 2023 16:30

Instrument :

BNA_G

ClientSampleId :



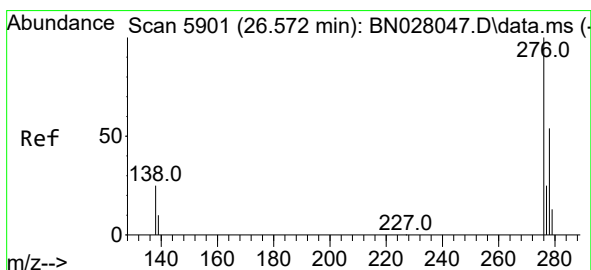
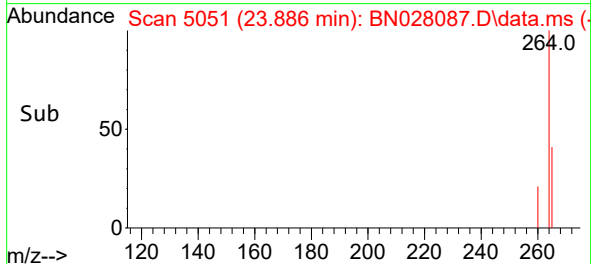
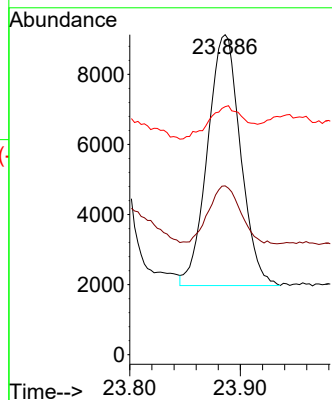
Tgt Ion:252 Resp: 14826

Ion Ratio Lower Upper

252 100

253 52.7 23.4 35.2#

125 77.5 15.3 22.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.222 ng/ul

RT: 26.589 min Scan# 5906

Delta R.T. 0.023 min

Lab File: BN028087.D

Acq: 06 Oct 2023 16:30

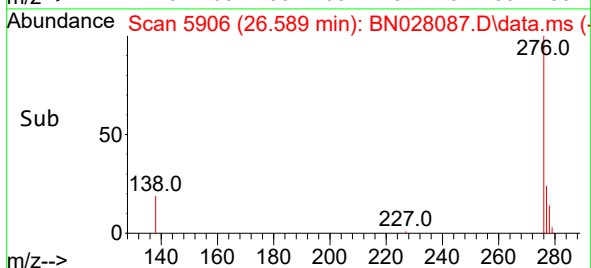
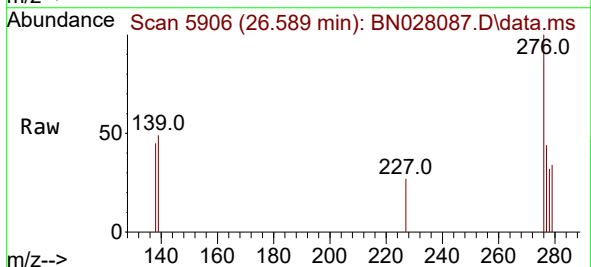
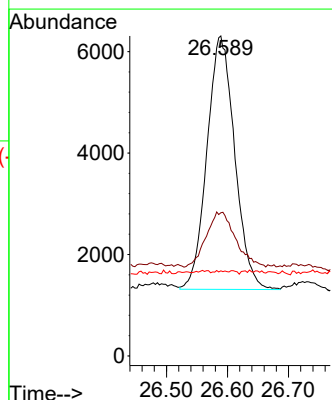
Tgt Ion:276 Resp: 15772

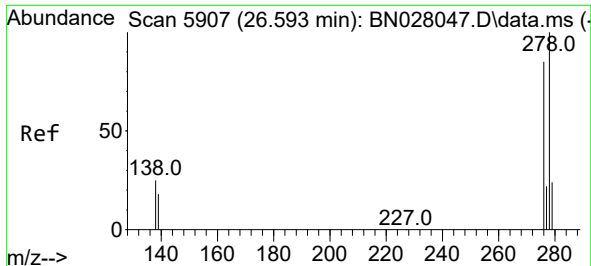
Ion Ratio Lower Upper

276 100

138 22.9 21.6 32.4

227 0.3 0.2 0.2#

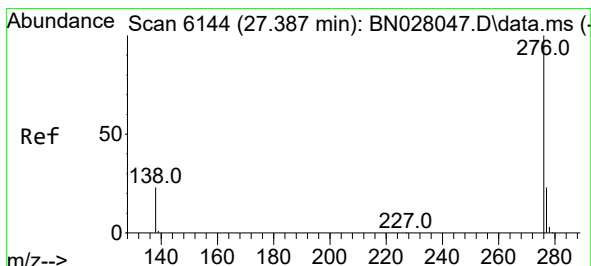
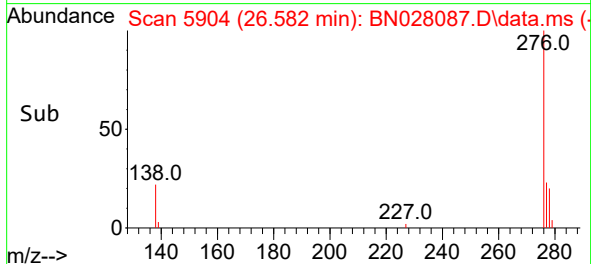
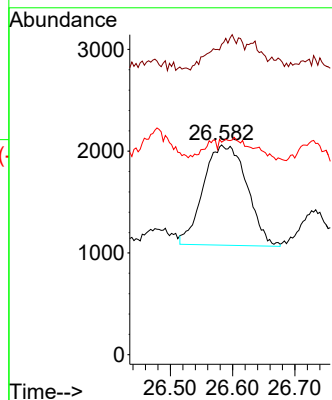
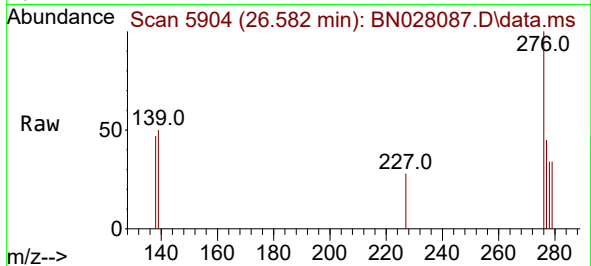




#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.582 min Scan# 5904
Delta R.T. -0.000 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 4768
Ion Ratio Lower Upper
278 100
139 147.9 15.9 23.9#
279 101.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.407 min Scan# 6150
Delta R.T. 0.030 min
Lab File: BN028087.D
Acq: 06 Oct 2023 16:30

Tgt Ion:276 Resp: 22707
Ion Ratio Lower Upper
276 100
138 41.5 19.8 29.6#
277 39.7 20.6 31.0#

