

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027062.D
 Acq On : 23 Aug 2023 13:43
 Operator : MA/JU
 Sample : 03968-27
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P4

Quant Time: Aug 24 01:38:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

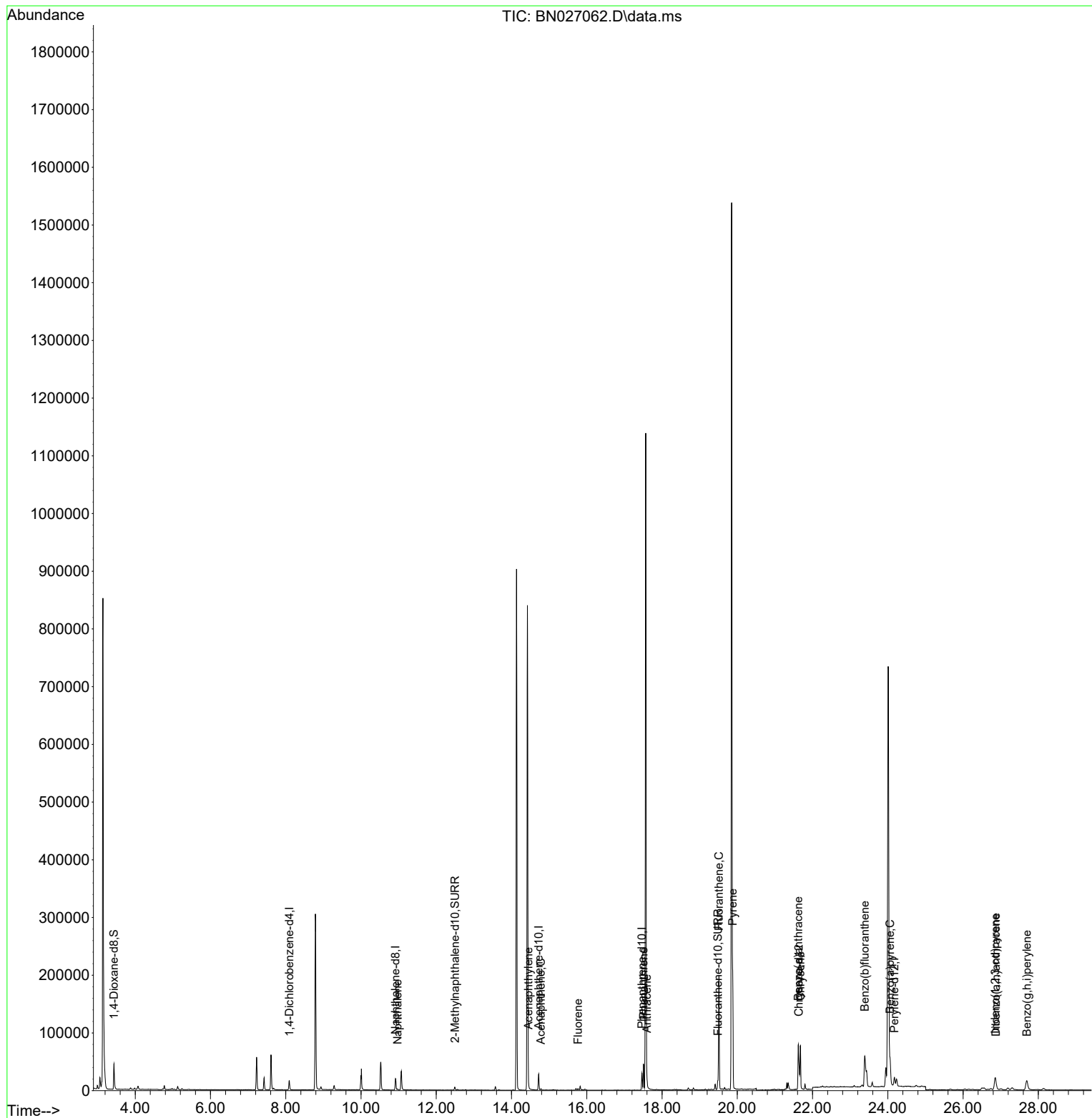
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	8014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	27436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	15280	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	33696	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	25460	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	22542	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	32208	3.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	6749	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	16749	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.971	128	2181	0.028	ng/ul#	86
10) Acenaphthylene	14.449	152	6669	0.078	ng/ul	97
11) Acenaphthene	14.782	153	1313	0.022	ng/ul	97
12) Fluorene	15.767	166	1722	0.026	ng/ul#	98
15) Phenanthrene	17.506	178	48547	0.439	ng/ul	99
16) Anthracene	17.599	178	10967	0.110	ng/ul	97
19) Fluoranthene	19.511	202	168501	1.593	ng/ul	98
20) Pyrene	19.878	202	160508	1.422	ng/ul	99
21) Benzo(a)anthracene	21.618	228	70123	0.693	ng/ul	99
22) Chrysene	21.677	228	82668	0.827	ng/ul	98
24) Benzo(b)fluoranthene	23.387	252	141055	1.654	ng/ul	97
26) Benzo(a)pyrene	24.059	252	63806	0.829	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.854	276	42671	0.424	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.874	278	9278	0.116	ng/ul#	81
29) Benzo(g,h,i)perylene	27.693	276	40991	0.489	ng/ul	99

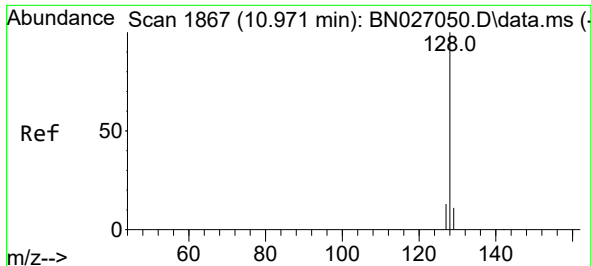
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027062.D
Acq On : 23 Aug 2023 13:43
Operator : MA/JU
Sample : 03968-27
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48P4

Quant Time: Aug 24 01:38:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

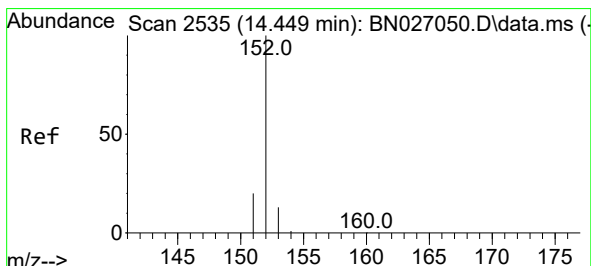
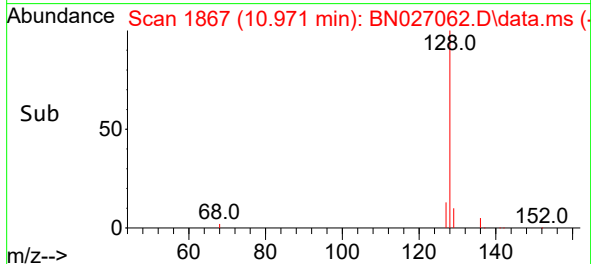
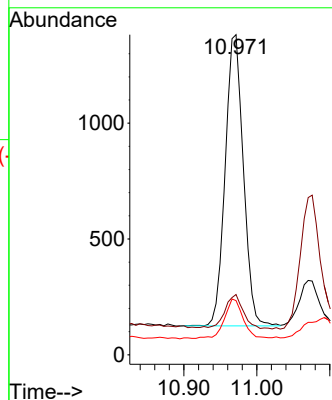
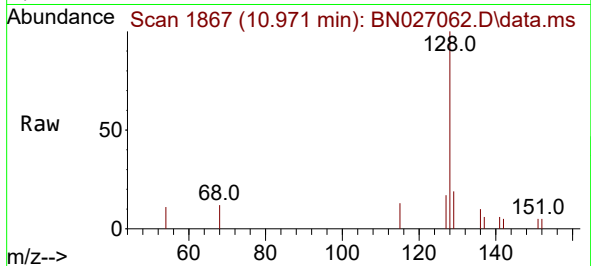




#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.971 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

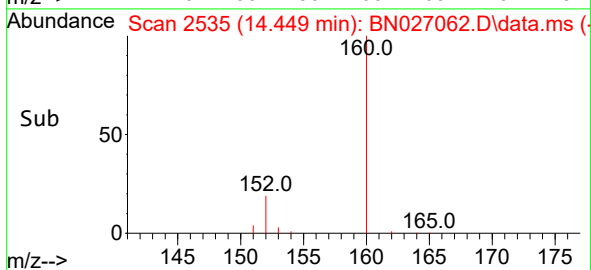
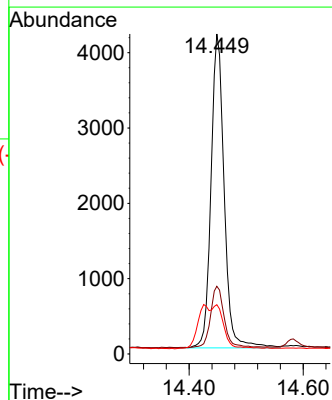
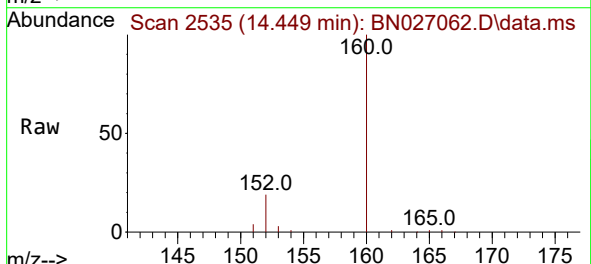
Instrument :
BNA_N
ClientSampleId :
A48P4

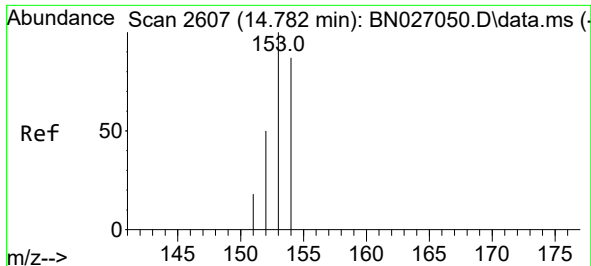
Tgt Ion:128 Resp: 2181
Ion Ratio Lower Upper
128 100
129 18.8 9.2 13.8#
127 16.9 10.5 15.7#



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.449 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:152 Resp: 6669
Ion Ratio Lower Upper
152 100
151 21.1 15.9 23.9
153 15.4 11.0 16.6

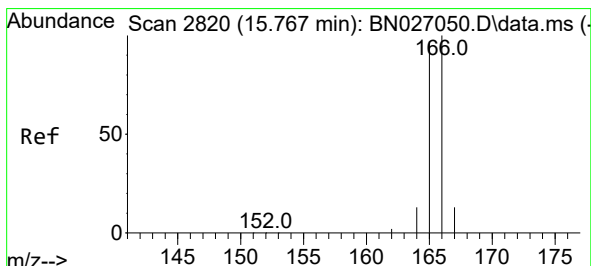
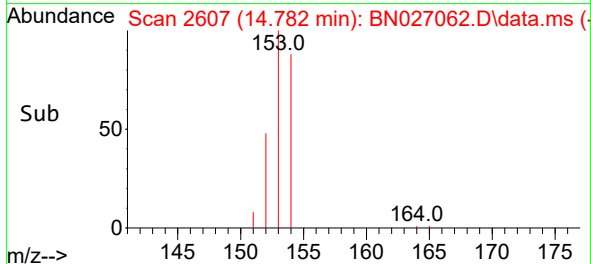
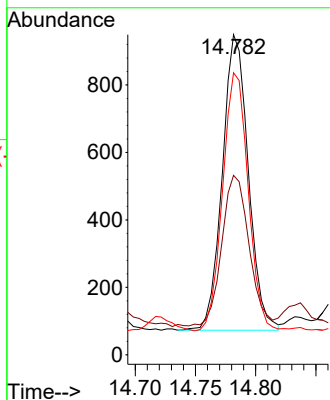
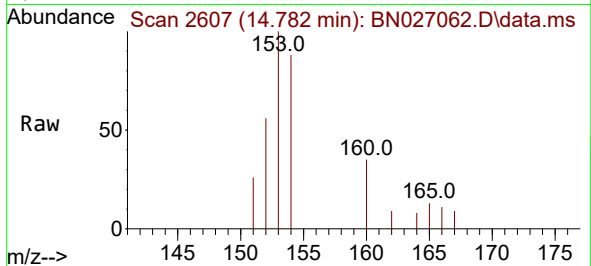




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.782 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

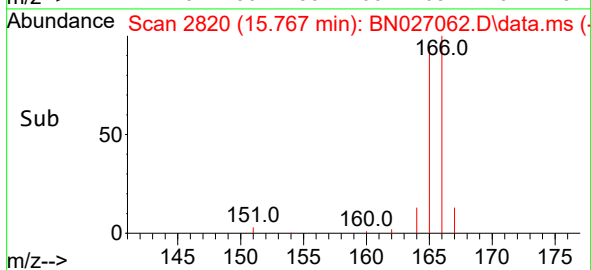
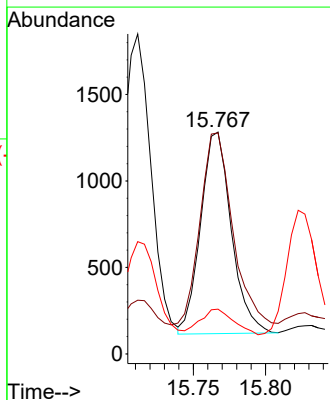
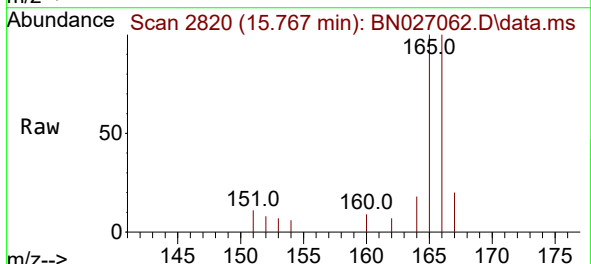
Instrument :
BNA_N
ClientSampleId :
A48P4

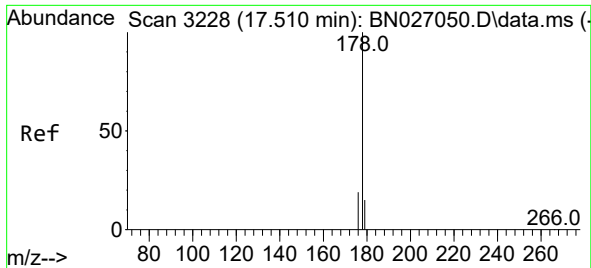
Tgt Ion:153 Resp: 1313
Ion Ratio Lower Upper
153 100
152 56.1 41.1 61.7
154 88.1 71.6 107.4



#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.767 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:166 Resp: 1722
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 20.2 11.4 17.0#

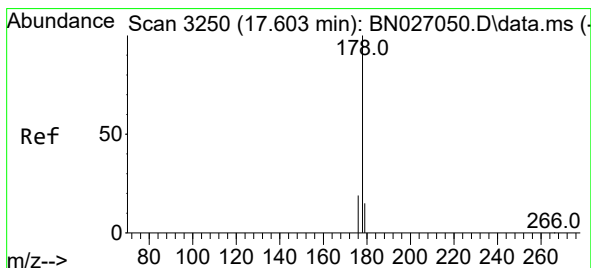
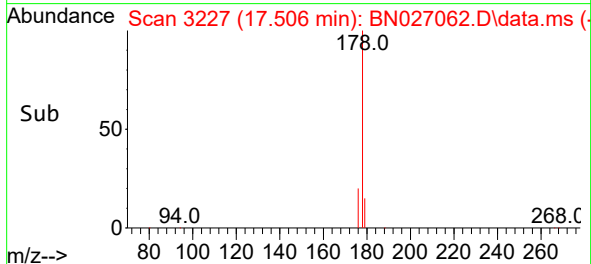
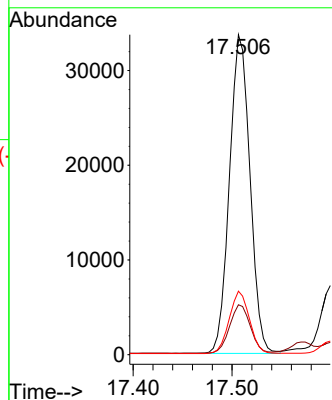
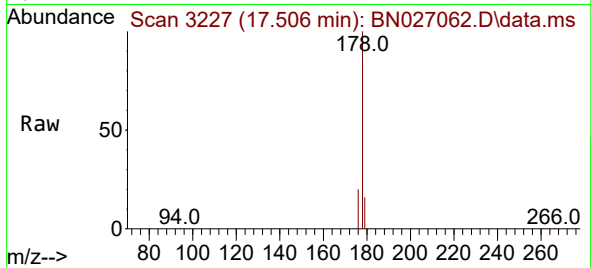




#15
Phenanthrene
Concen: 0.439 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

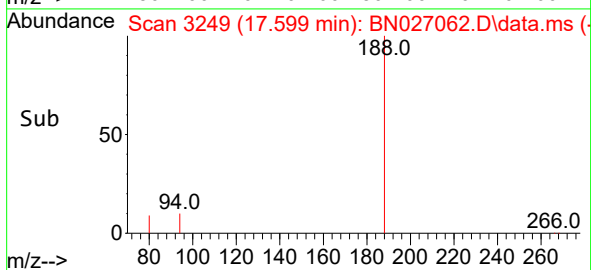
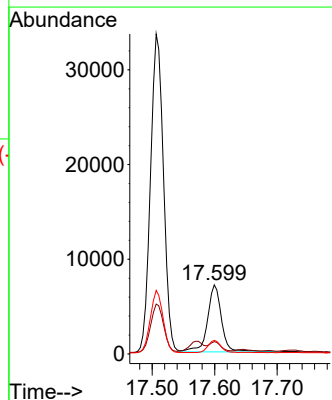
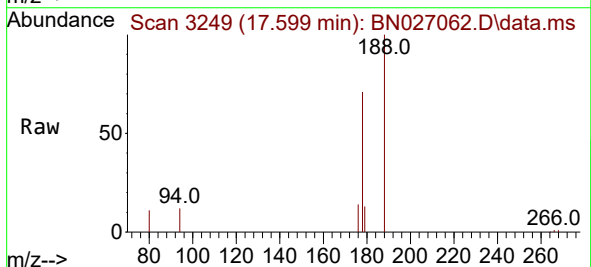
Instrument :
BNA_N
ClientSampleId :
A48P4

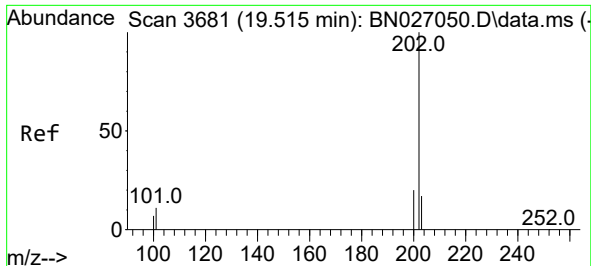
Tgt Ion:178 Resp: 48547
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:178 Resp: 10967
Ion Ratio Lower Upper
178 100
179 17.8 12.6 19.0
176 19.7 15.0 22.6

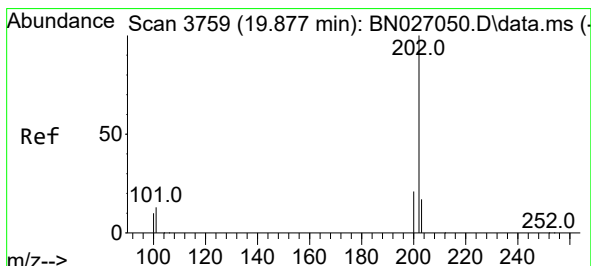
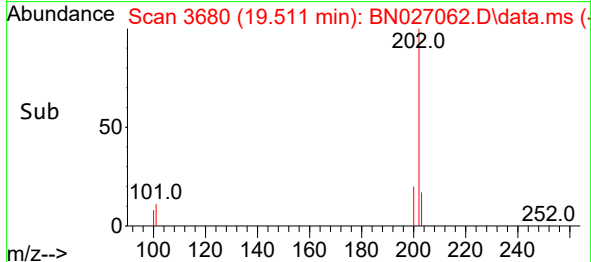
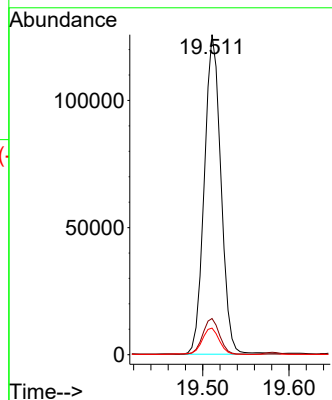
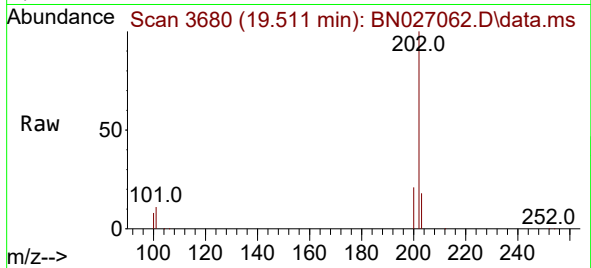




#19
Fluoranthene
Concen: 1.593 ng/ul
RT: 19.511 min Scan# 3681
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

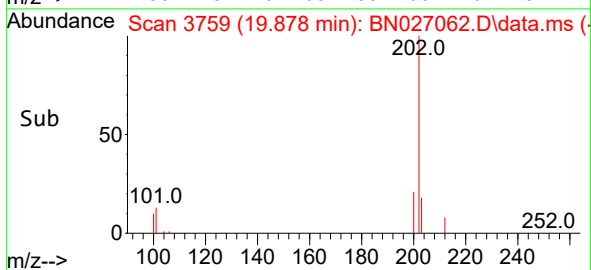
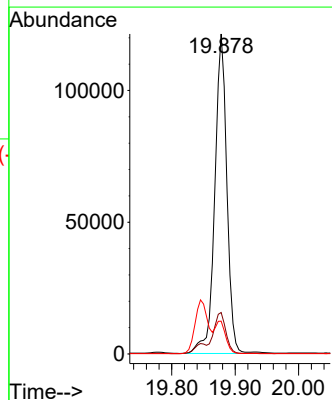
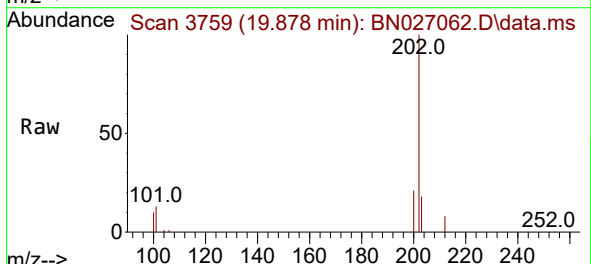
Instrument :
BNA_N
ClientSampleId :
A48P4

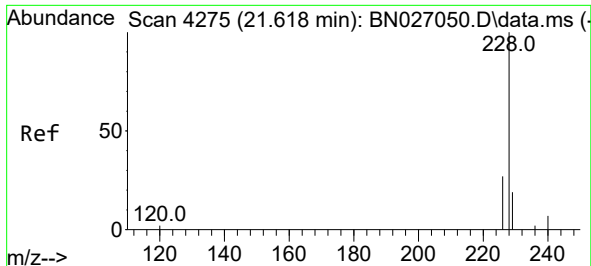
Tgt Ion:202 Resp: 168501
Ion Ratio Lower Upper
202 100
101 11.3 8.3 12.5
100 8.3 6.2 9.2



#20
Pyrene
Concen: 1.422 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

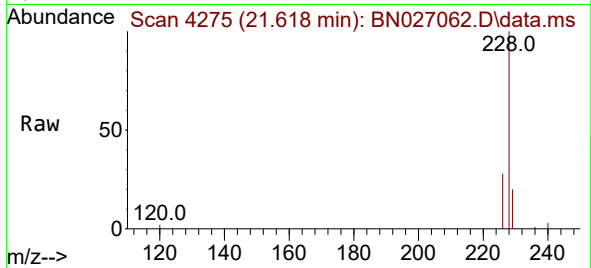
Tgt Ion:202 Resp: 160508
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.2 8.5 12.7



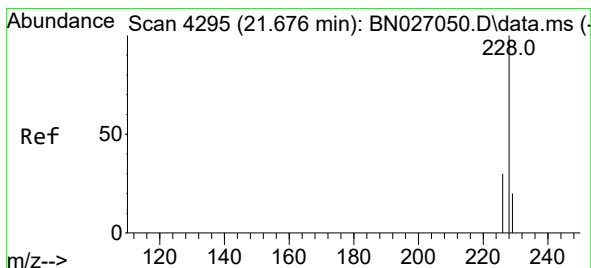
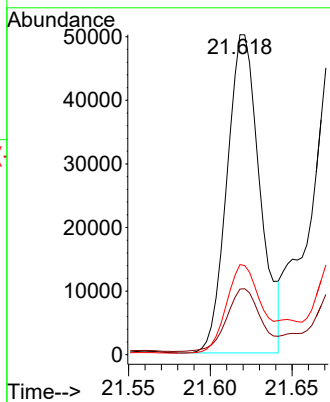
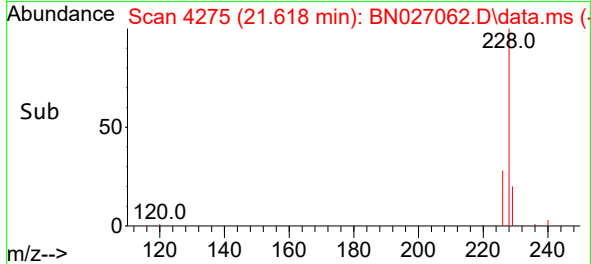


#21
Benzo(a)anthracene
Concen: 0.693 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_N
ClientSampleId :
A48P4

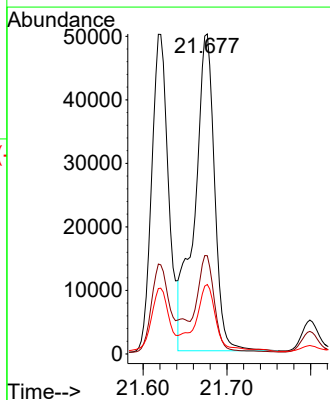
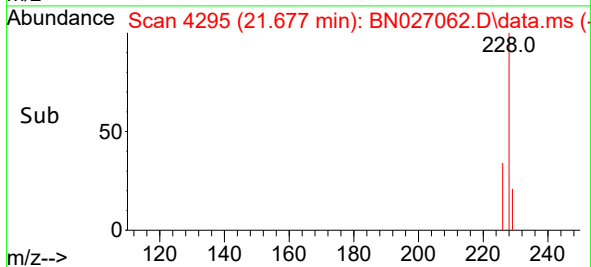
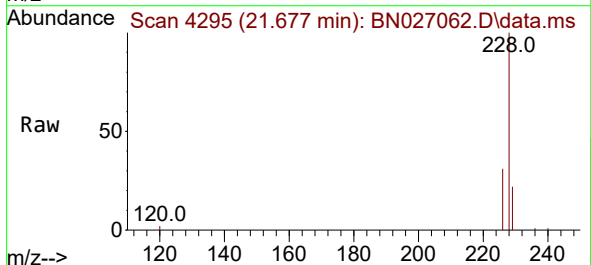


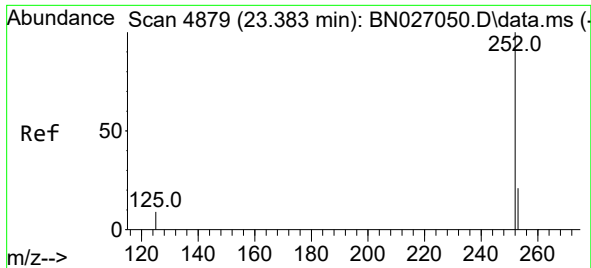
Tgt Ion:228 Resp: 70123
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.827 ng/ul
RT: 21.677 min Scan# 4295
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

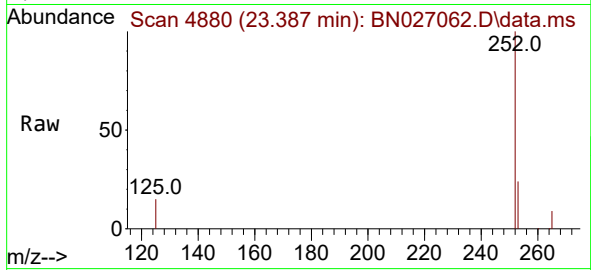
Tgt Ion:228 Resp: 82668
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.7 15.8 23.6



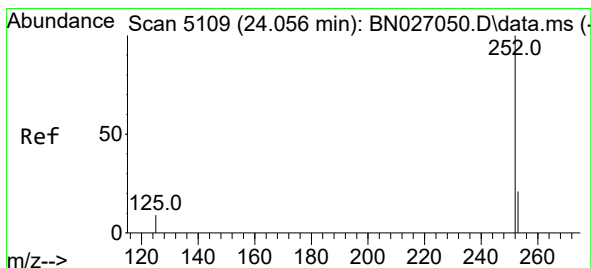
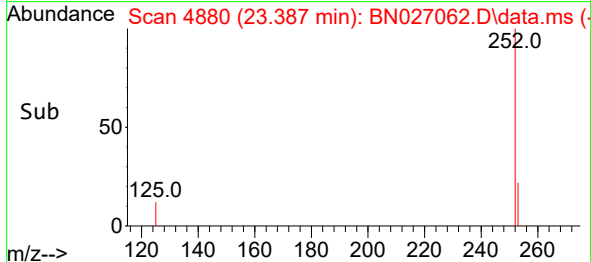
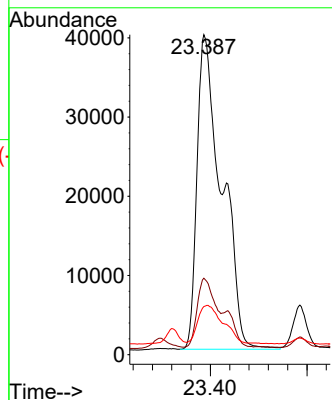


#24
Benzo(b)fluoranthene
Concen: 1.654 ng/ul
RT: 23.387 min Scan# 4879
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_N
ClientSampleId :
A48P4

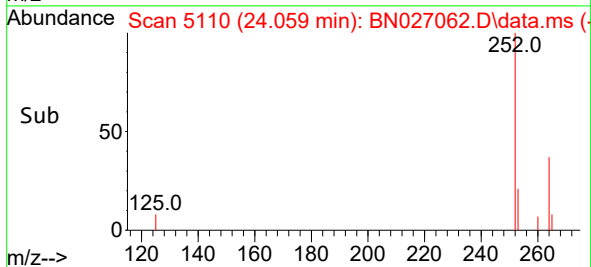
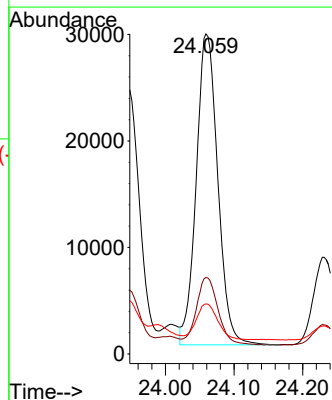
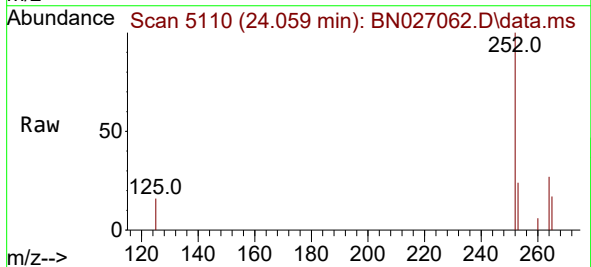


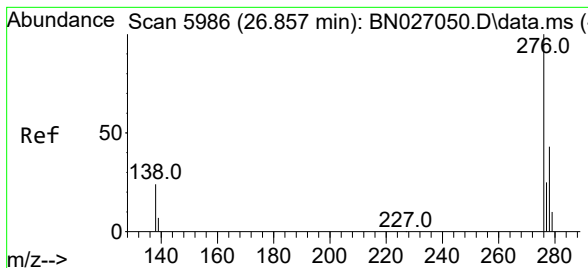
Tgt Ion:252 Resp: 141055
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 15.0 0.0 25.2



#26
Benzo(a)pyrene
Concen: 0.829 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:252 Resp: 63806
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.6
125 15.7 11.4 17.0





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.424 ng/ul

RT: 26.854 min Scan# 5986

Delta R.T. 0.000 min

Lab File: BN027062.D

Acq: 23 Aug 2023 13:43

Instrument :

BNA_N

ClientSampleId :

A48P4

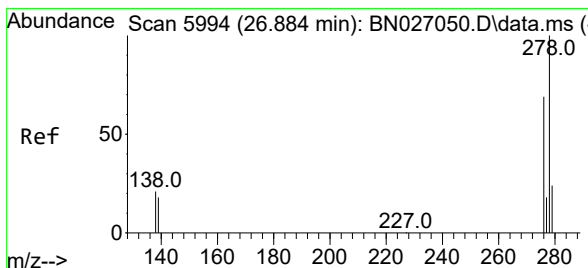
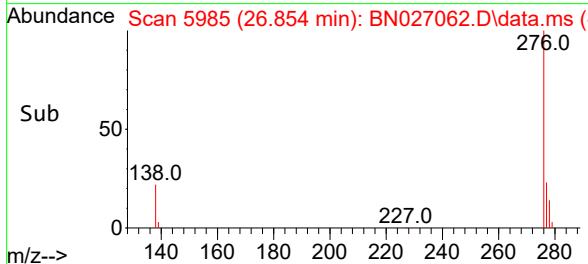
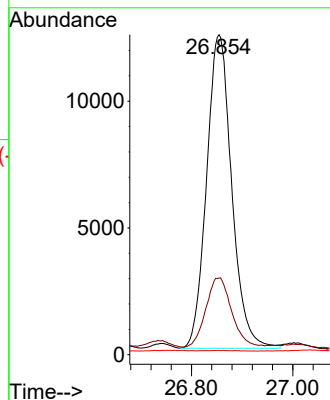
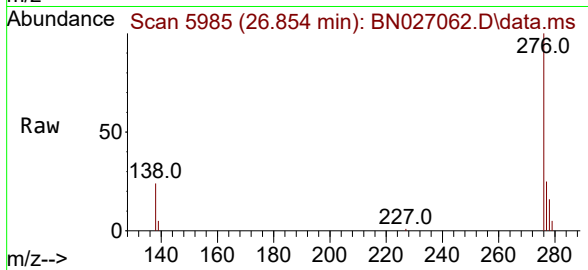
Tgt Ion:276 Resp: 42671

Ion Ratio Lower Upper

276 100

138 22.7 21.6 32.4

227 0.1 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.116 ng/ul

RT: 26.874 min Scan# 5991

Delta R.T. -0.010 min

Lab File: BN027062.D

Acq: 23 Aug 2023 13:43

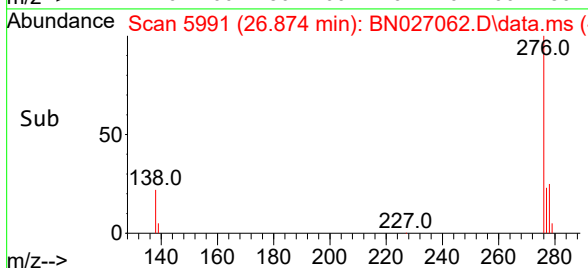
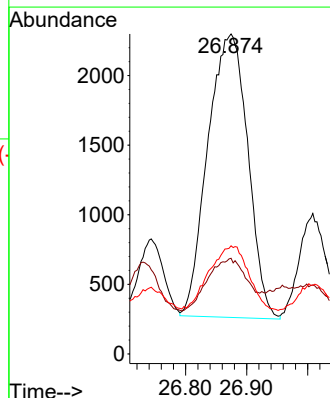
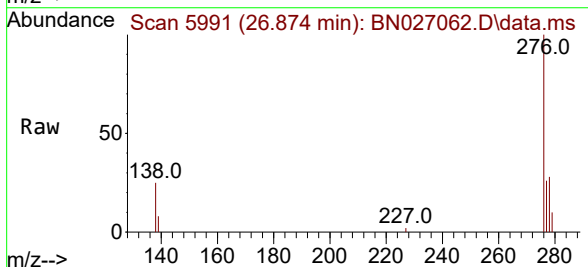
Tgt Ion:278 Resp: 9278

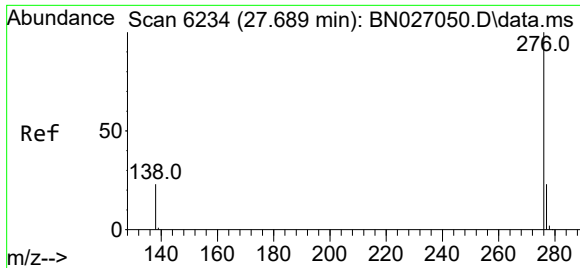
Ion Ratio Lower Upper

278 100

139 29.9 15.7 23.5#

279 33.8 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.489 ng/ul
 RT: 27.693 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: BN027062.D
 Acq: 23 Aug 2023 13:43

Instrument :
 BNA_N
 ClientSampleId :
 A48P4

Tgt Ion:	276	Resp:	40991
Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.3	28.9
277	24.9	19.8	29.8

