

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027692.D
 Acq On : 15 Sep 2023 12:48
 Operator : MA/JU
 Sample : SST0.834
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8205

Quant Time: Sep 16 01:02:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 00:59:56 2023
 Response via : Initial Calibration

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

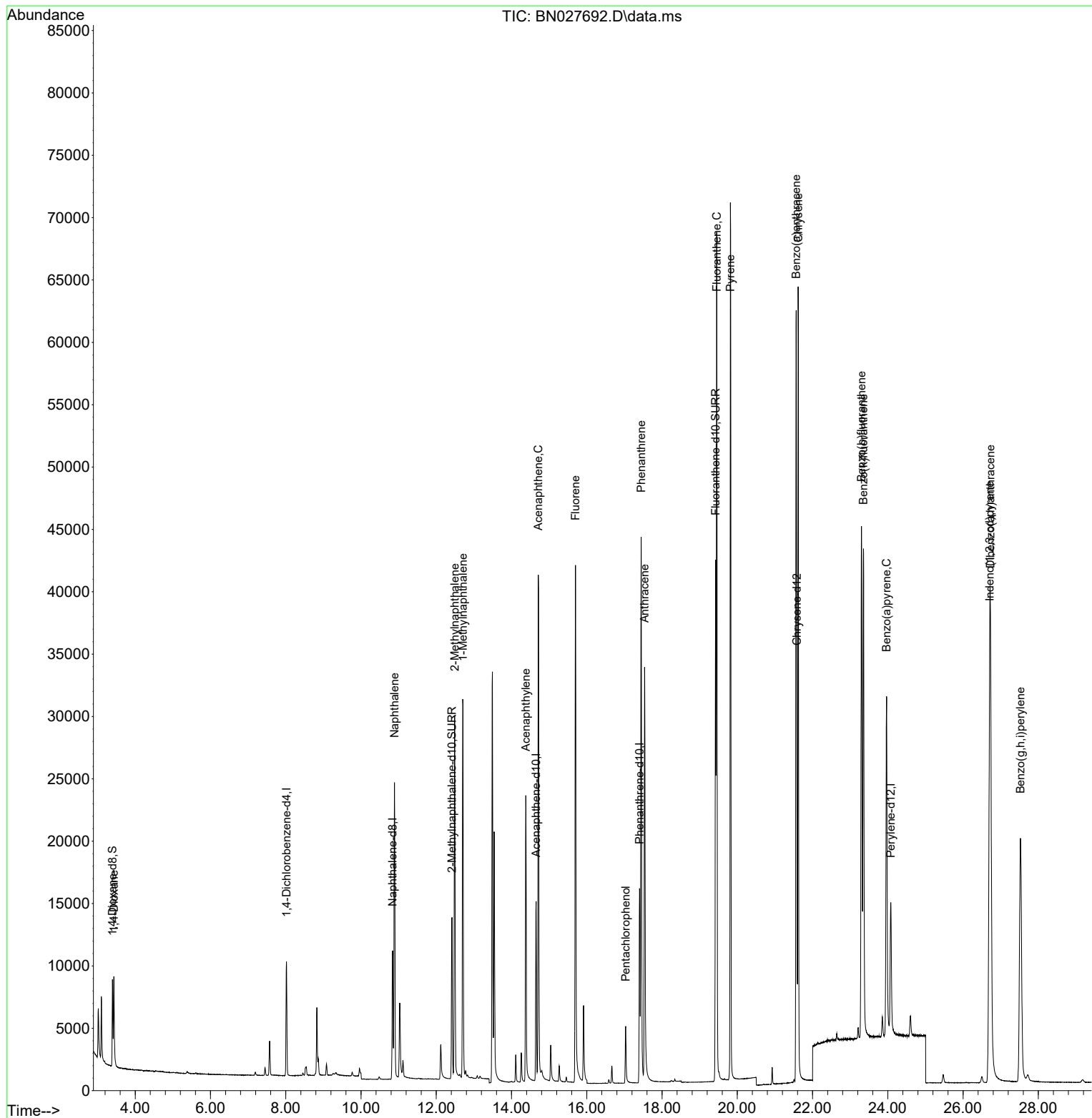
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4758	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	14403	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	8269	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	19786	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	18194	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	16416	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	4812	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	17551	0.822	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	44058	0.736	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	5010	0.785	ng/ul#	90
5) Naphthalene	10.889	128	33020	0.809	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	21136	0.828	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	21625	0.797	ng/ul	100
10) Acenaphthylene	14.379	152	28604	0.776	ng/ul	98
11) Acenaphthene	14.712	153	24984	0.786	ng/ul	99
12) Fluorene	15.698	166	29361	0.817	ng/ul	98
14) Pentachlorophenol	17.033	266	3422	0.864	ng/ul	98
15) Phenanthrene	17.443	178	49545	0.787	ng/ul	99
16) Anthracene	17.536	178	41903	0.830	ng/ul	99
19) Fluoranthene	19.455	202	59298	0.740	ng/ul	99
20) Pyrene	19.817	202	60004	0.734	ng/ul	99
21) Benzo(a)anthracene	21.563	228	54262	0.826	ng/ul	100
22) Chrysene	21.618	228	57433	0.769	ng/ul	99
24) Benzo(b)fluoranthene	23.302	252	59905	0.797	ng/ul	95
25) Benzo(k)fluoranthene	23.351	252	57740	0.785	ng/ul	96
26) Benzo(a)pyrene	23.965	252	47648	0.805	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.707	276	61661	0.915	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.727	278	49976	0.956	ng/ul	97
29) Benzo(g,h,i)perylene	27.525	276	51075	0.848	ng/ul	97

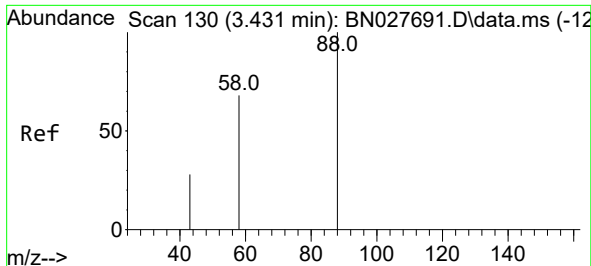
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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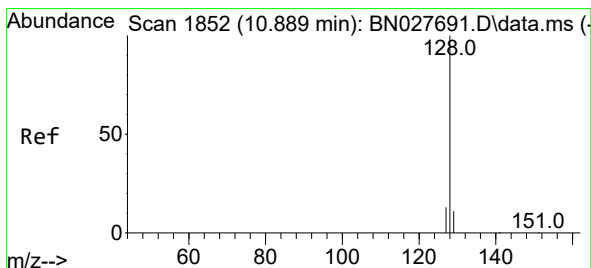
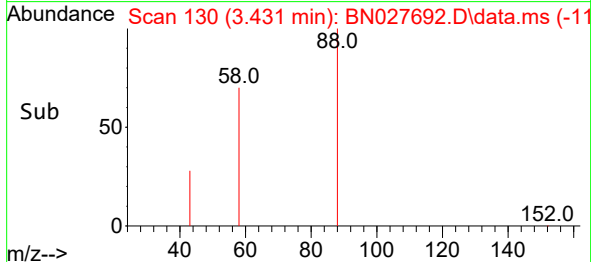
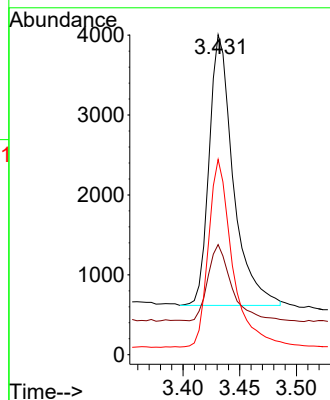
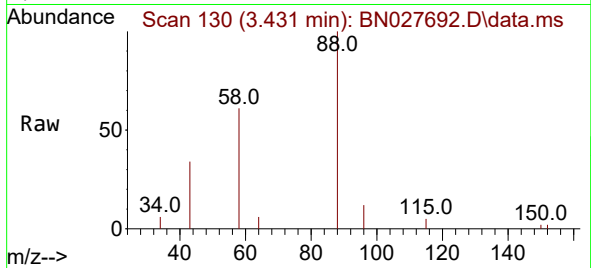




#2
1,4-Dioxane
Concen: 0.785 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

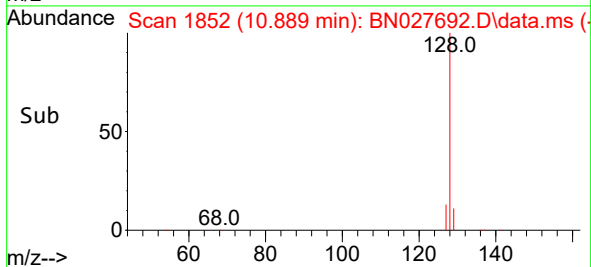
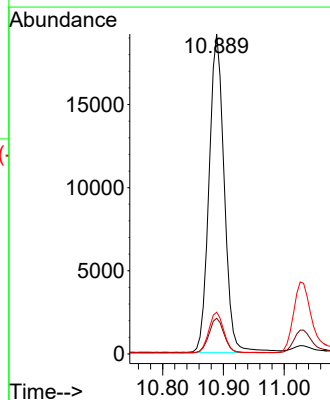
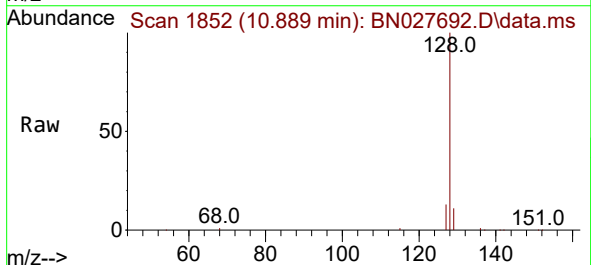
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

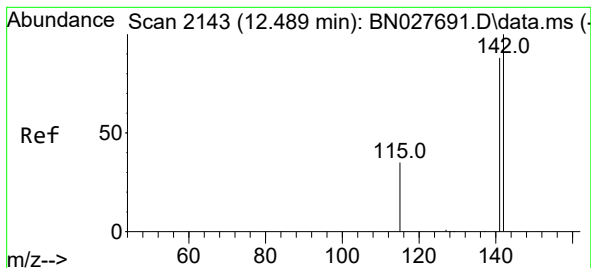
Tgt Ion: 88 Resp: 5010
Ion Ratio Lower Upper
88 100
43 34.4 39.6 59.4#
58 61.0 48.3 72.5



#5
Naphthalene
Concen: 0.809 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Tgt Ion: 128 Resp: 33020
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.1 10.7 16.1

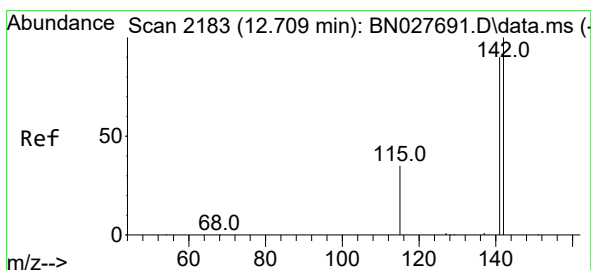
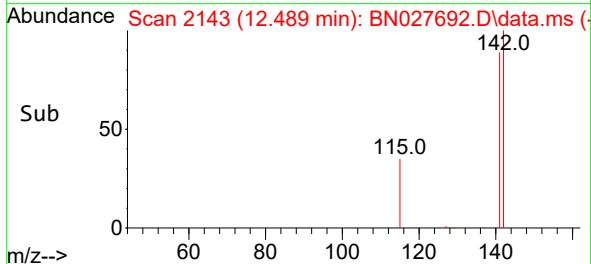
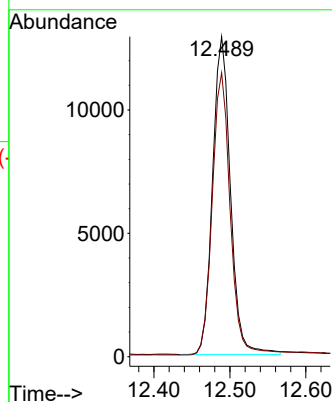
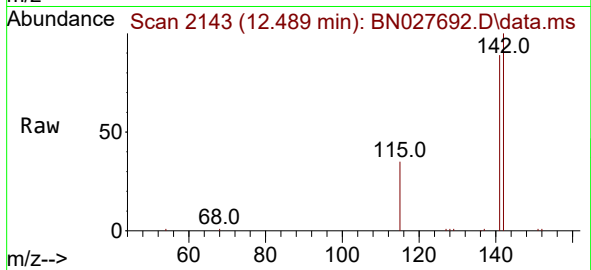




#7
2-Methylnaphthalene
Concen: 0.828 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

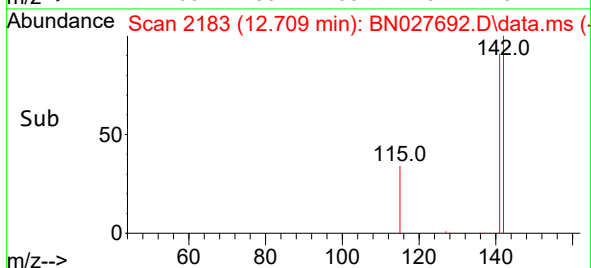
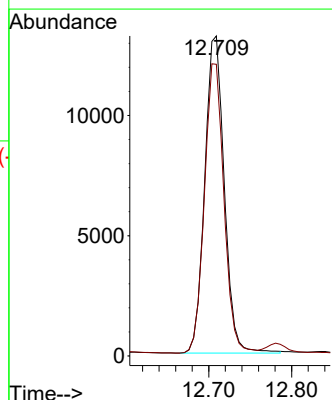
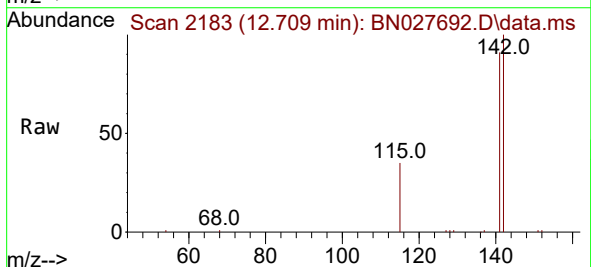
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

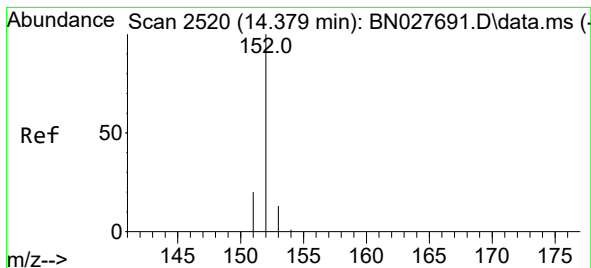
Tgt Ion:142 Resp: 21136
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.797 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Tgt Ion:142 Resp: 21625
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2





#10

Acenaphthylene

Concen: 0.776 ng/ul

RT: 14.379 min Scan# 2520

Delta R.T. 0.000 min

Lab File: BN027692.D

Acq: 15 Sep 2023 12:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.8205

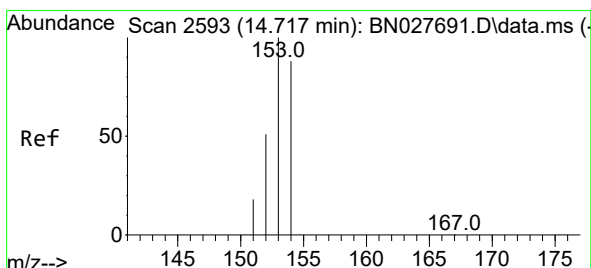
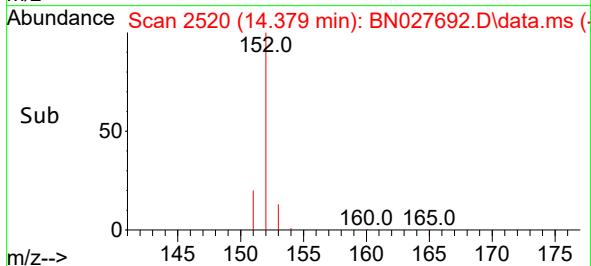
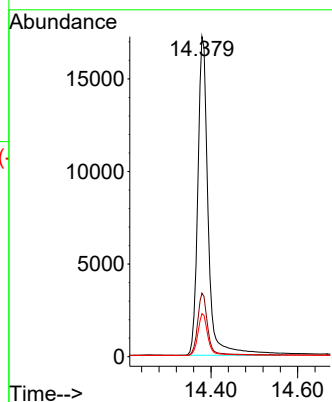
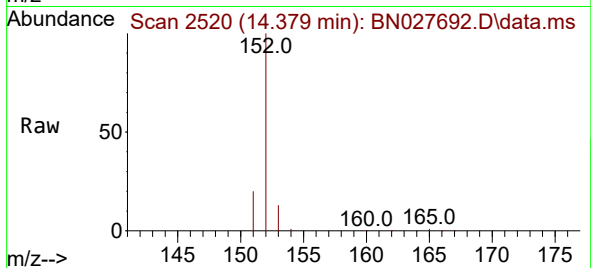
Tgt Ion:152 Resp: 28604

Ion Ratio Lower Upper

152 100

151 19.8 16.6 25.0

153 13.5 11.0 16.6



#11

Acenaphthene

Concen: 0.786 ng/ul

RT: 14.712 min Scan# 2592

Delta R.T. -0.005 min

Lab File: BN027692.D

Acq: 15 Sep 2023 12:48

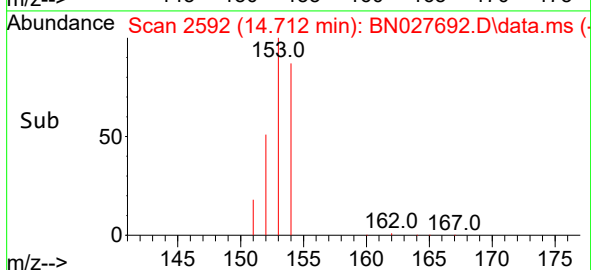
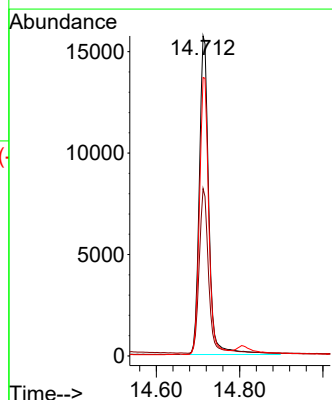
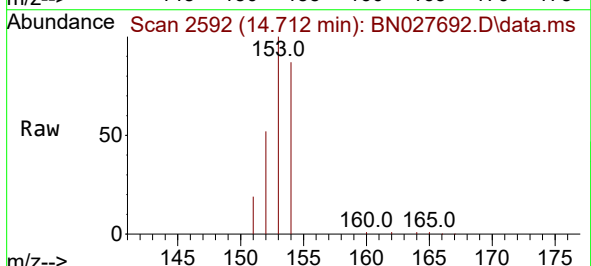
Tgt Ion:153 Resp: 24984

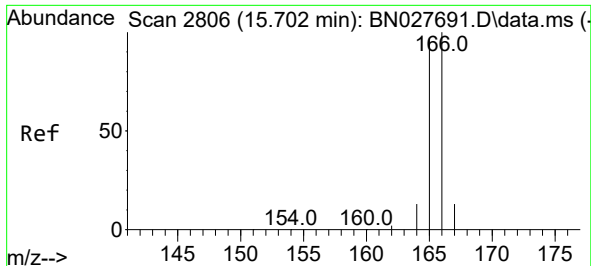
Ion Ratio Lower Upper

153 100

152 52.3 41.7 62.5

154 87.0 70.3 105.5

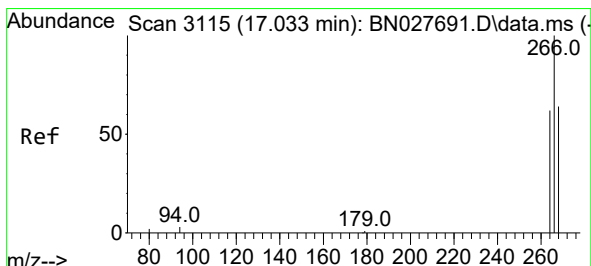
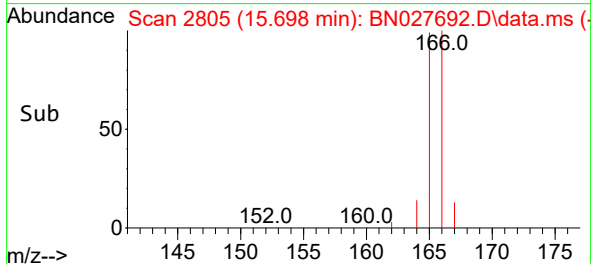
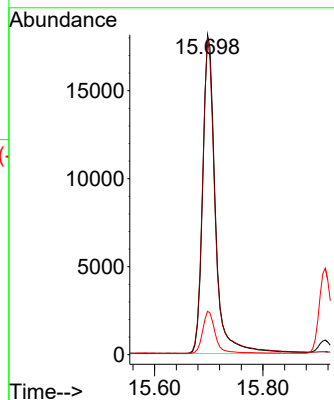
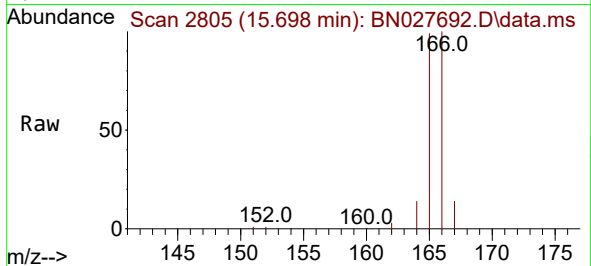




#12
 Fluorene
 Concen: 0.817 ng/ul
 RT: 15.698 min Scan# 2805
 Delta R.T. -0.005 min
 Lab File: BN027692.D
 Acq: 15 Sep 2023 12:48

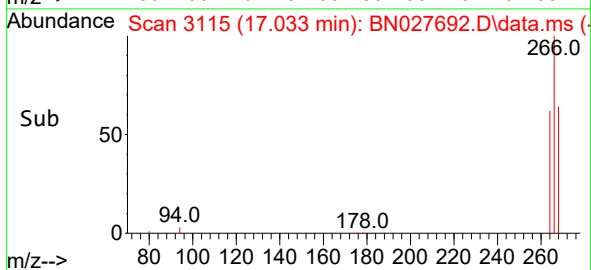
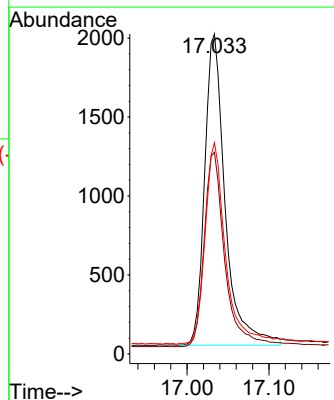
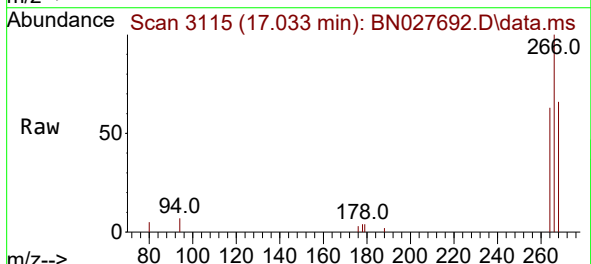
Instrument :
 BNA_N
 ClientSampleId :
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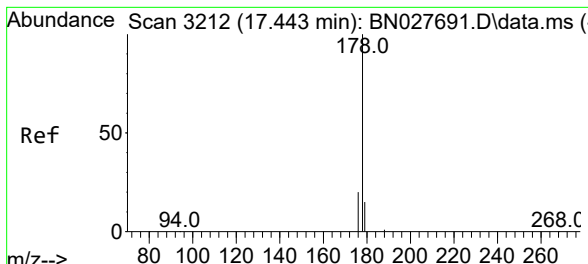
Tgt Ion:166 Resp: 29361
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.0 117.0
 167 13.5 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.864 ng/ul
 RT: 17.033 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BN027692.D
 Acq: 15 Sep 2023 12:48

Tgt Ion:266 Resp: 3422
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.6 74.4
 268 64.9 50.7 76.1

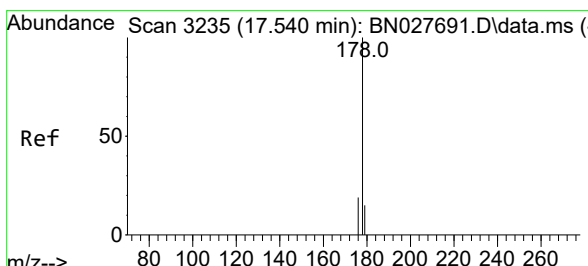
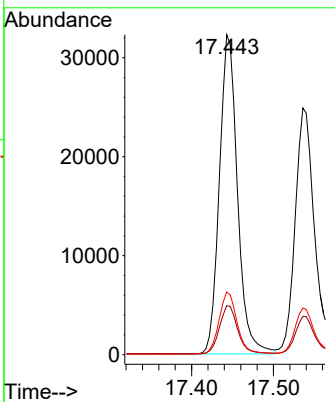
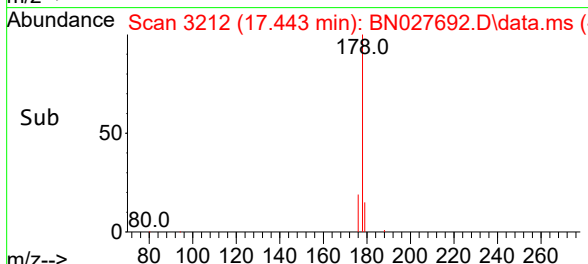
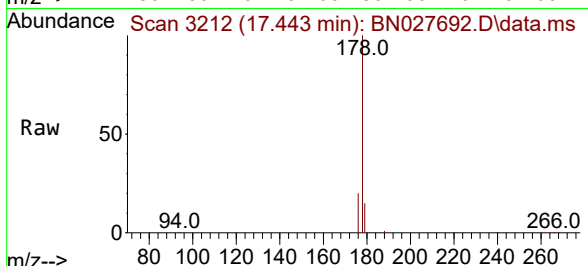




#15
 Phenanthrene
 Concen: 0.787 ng/ul
 RT: 17.443 min Scan# 3212
 Delta R.T. 0.000 min
 Lab File: BN027692.D
 Acq: 15 Sep 2023 12:48

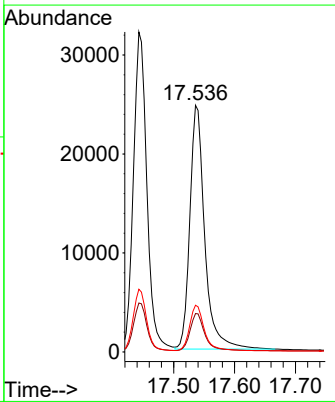
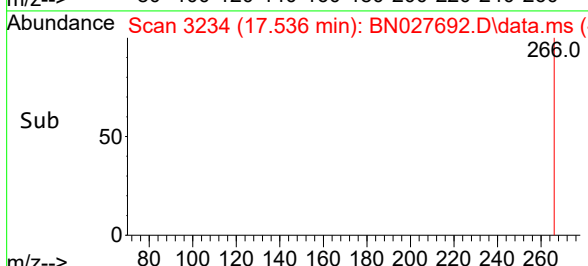
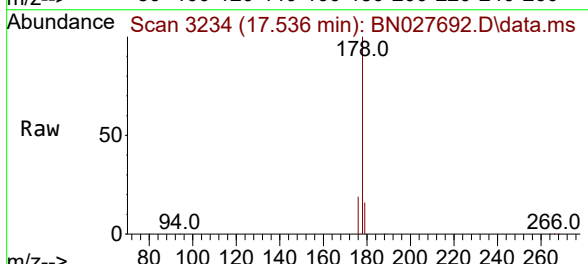
Instrument :
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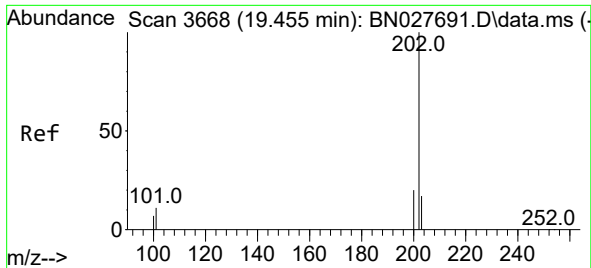
Tgt Ion:	178	Resp:	49545
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.4	18.6
176	19.6	16.0	24.0



#16
 Anthracene
 Concen: 0.830 ng/ul
 RT: 17.536 min Scan# 3234
 Delta R.T. -0.004 min
 Lab File: BN027692.D
 Acq: 15 Sep 2023 12:48

Tgt Ion:	178	Resp:	41903
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	19.0	15.5	23.3

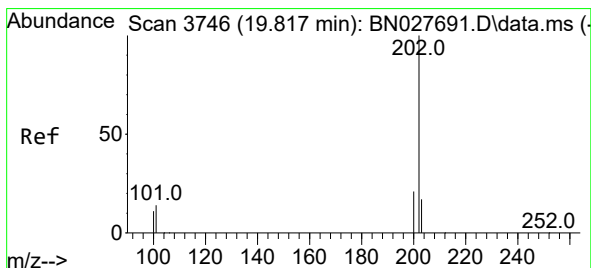
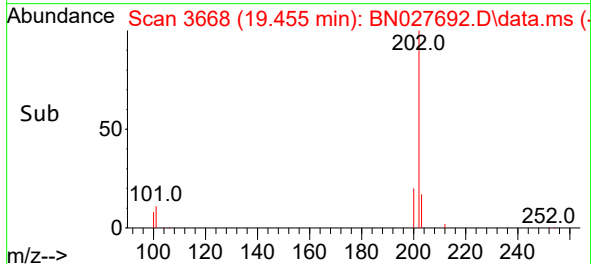
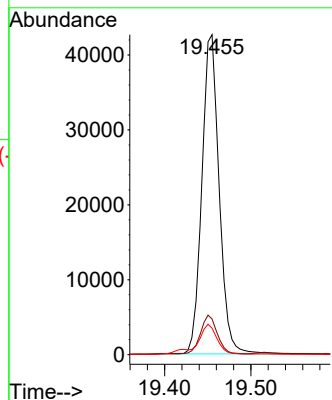
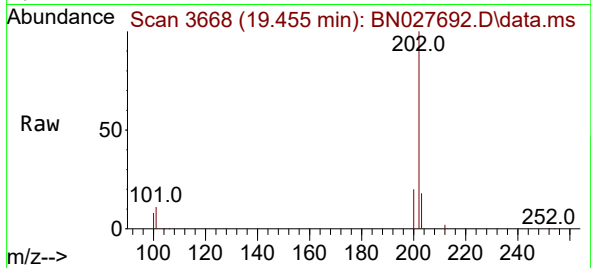




#19
Fluoranthene
Concen: 0.740 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

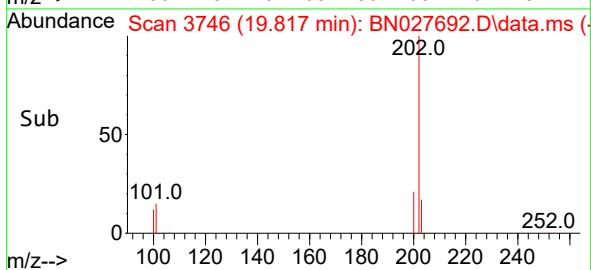
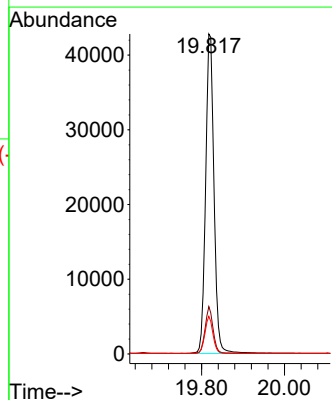
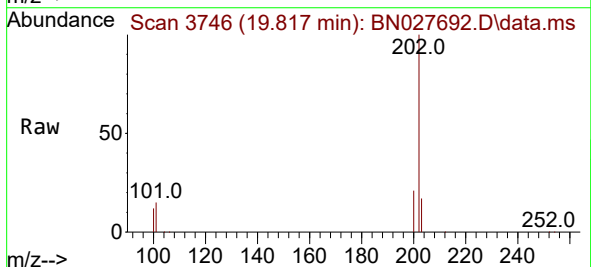
Instrument :
BNA_N
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SSTD0.8205

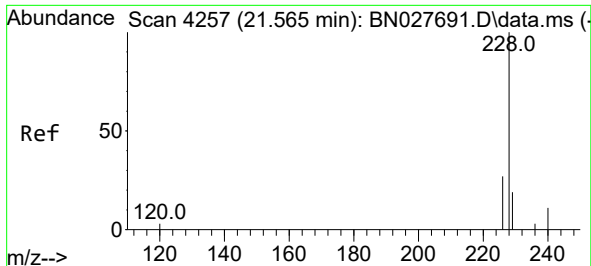
Tgt Ion:202 Resp: 59298
Ion Ratio Lower Upper
202 100
101 11.1 9.3 13.9
100 8.3 7.0 10.4



#20
Pyrene
Concen: 0.734 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. 0.000 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

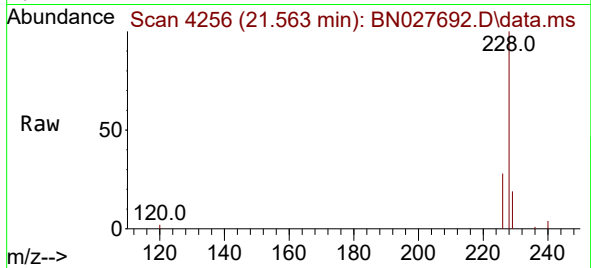
Tgt Ion:202 Resp: 60004
Ion Ratio Lower Upper
202 100
101 14.8 11.4 17.0
100 11.8 9.1 13.7



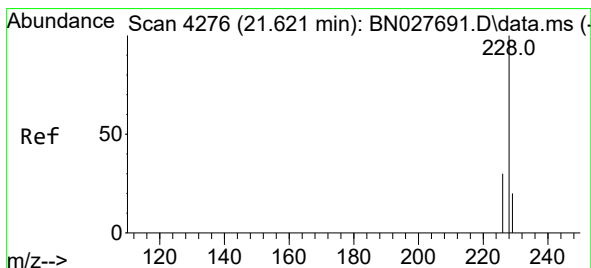
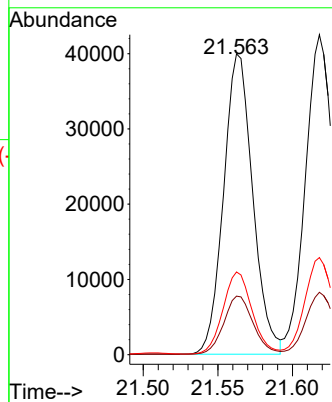
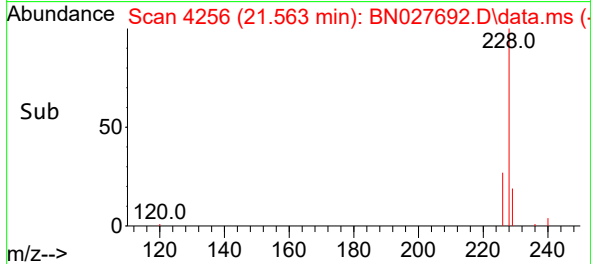


#21
Benzo(a)anthracene
Concen: 0.826 ng/ul
RT: 21.563 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

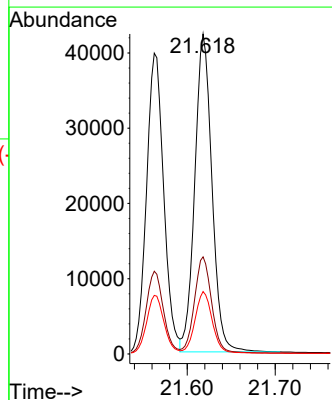
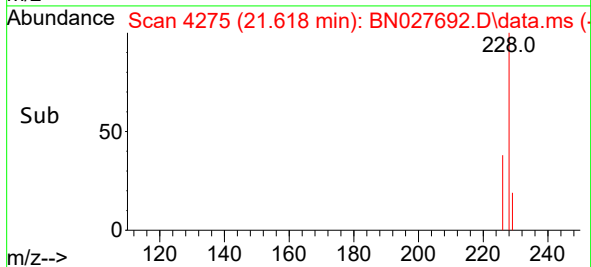
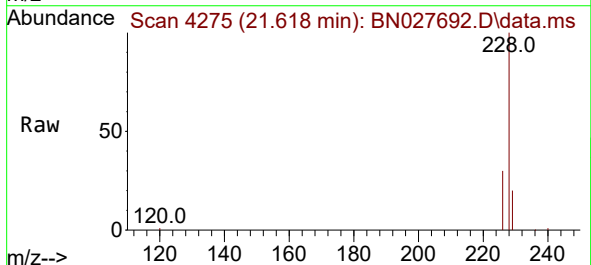


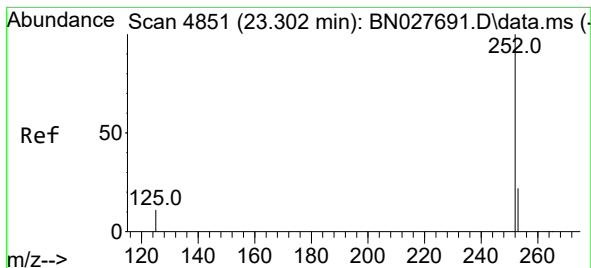
Tgt Ion:228 Resp: 54262
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.769 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Tgt Ion:228 Resp: 57433
Ion Ratio Lower Upper
228 100
226 30.4 24.5 36.7
229 19.5 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.797 ng/ul

RT: 23.302 min Scan# 4851

Delta R.T. 0.000 min

Lab File: BN027692.D

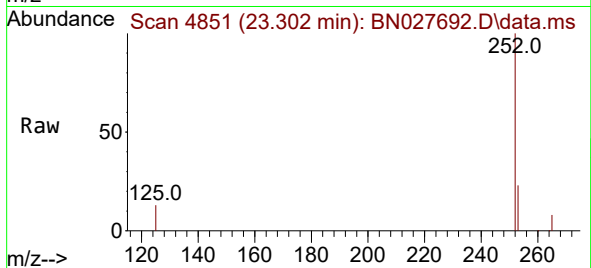
Acq: 15 Sep 2023 12:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.8205



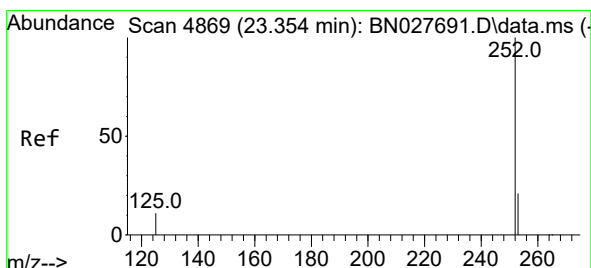
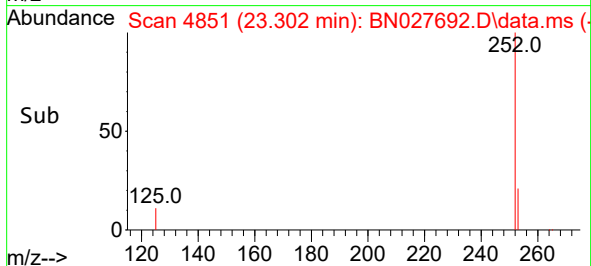
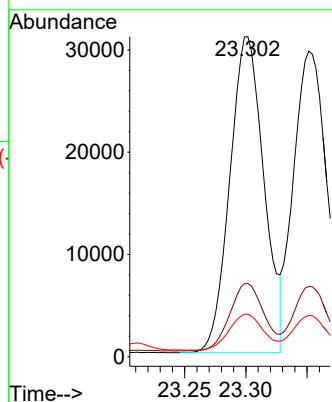
Tgt Ion:252 Resp: 59905

Ion Ratio Lower Upper

252 100

253 22.8 0.0 50.2

125 13.3 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.785 ng/ul

RT: 23.351 min Scan# 4868

Delta R.T. -0.003 min

Lab File: BN027692.D

Acq: 15 Sep 2023 12:48

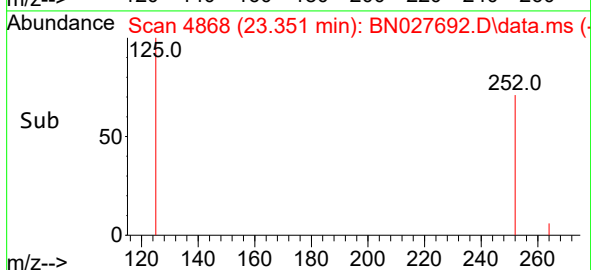
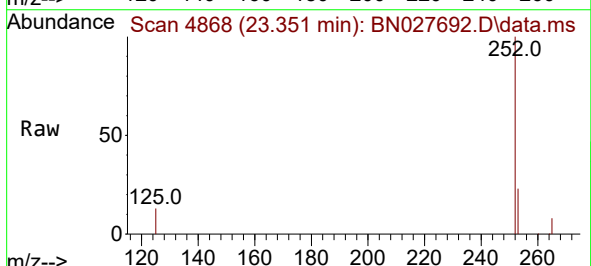
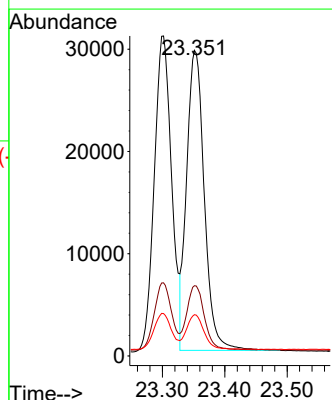
Tgt Ion:252 Resp: 57740

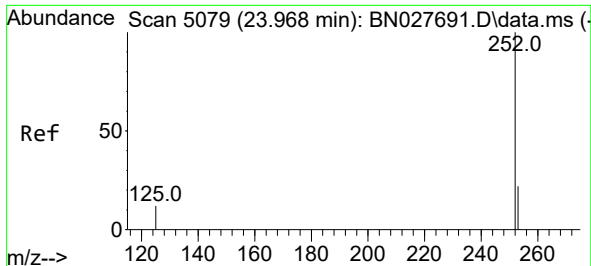
Ion Ratio Lower Upper

252 100

253 23.0 19.9 29.9

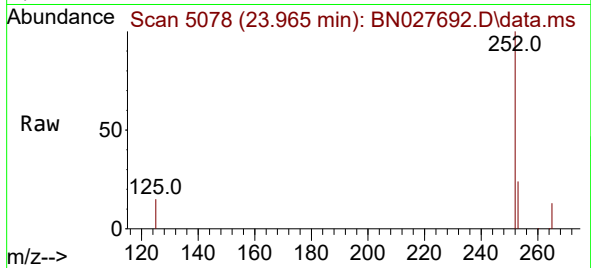
125 13.5 12.6 19.0



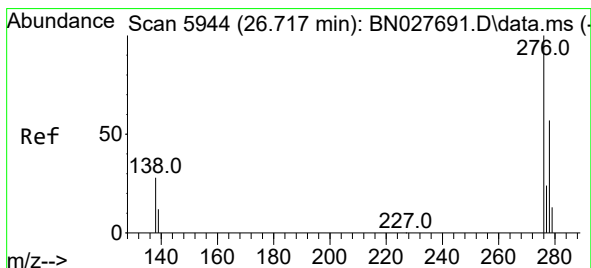
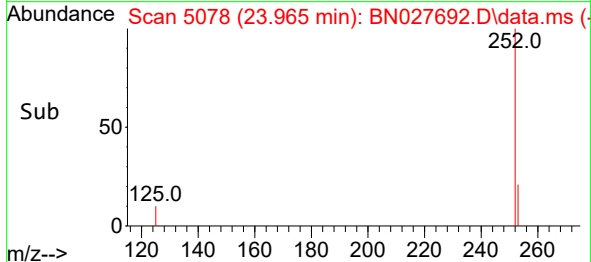
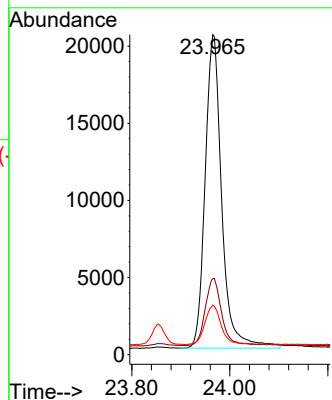


#26
Benzo(a)pyrene
Concen: 0.805 ng/ul
RT: 23.965 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

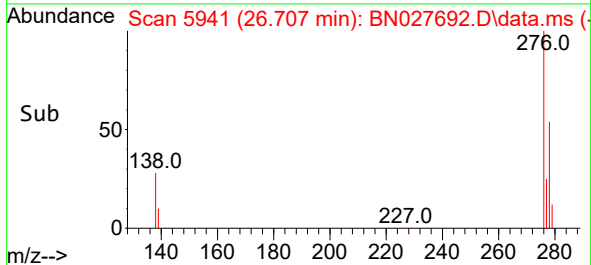
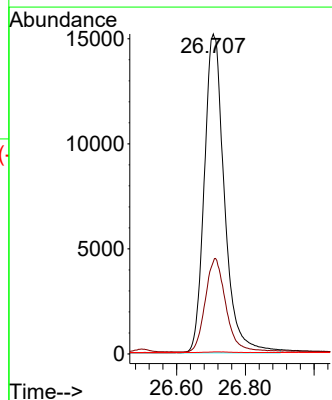
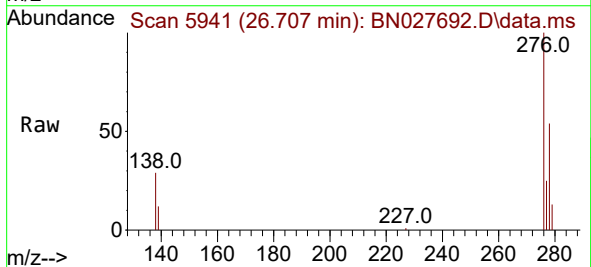


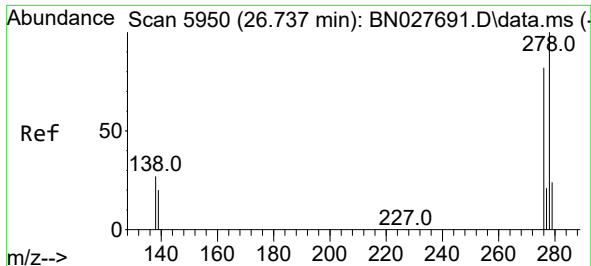
Tgt Ion:252 Resp: 47648
Ion Ratio Lower Upper
252 100
253 23.7 21.9 32.9
125 15.5 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.915 ng/ul
RT: 26.707 min Scan# 5941
Delta R.T. -0.010 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Tgt Ion:276 Resp: 61661
Ion Ratio Lower Upper
276 100
138 30.1 24.3 36.5
227 0.2 0.0 0.0#

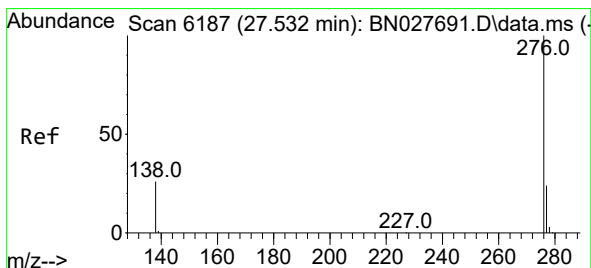
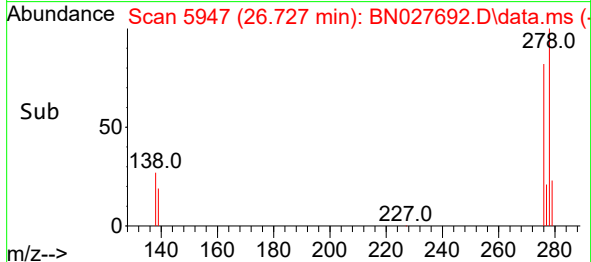
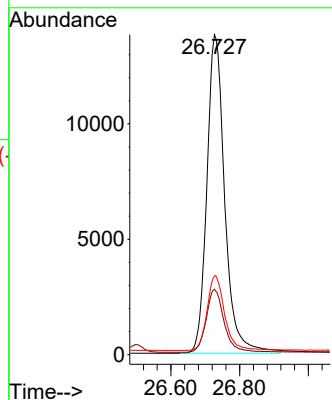
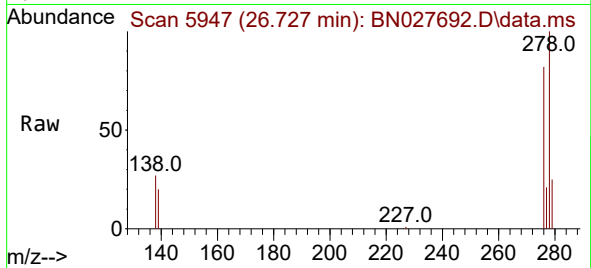




#28
Dibenzo(a,h)anthracene
Concen: 0.956 ng/ul
RT: 26.727 min Scan# 5947
Delta R.T. -0.010 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:278 Resp: 49976
Ion Ratio Lower Upper
278 100
139 20.4 17.2 25.8
279 24.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.848 ng/ul
RT: 27.525 min Scan# 6185
Delta R.T. -0.007 min
Lab File: BN027692.D
Acq: 15 Sep 2023 12:48

Tgt Ion:276 Resp: 51075
Ion Ratio Lower Upper
276 100
138 25.7 21.7 32.5
277 23.7 20.2 30.2

