

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027694.D
 Acq On : 15 Sep 2023 14:01
 Operator : MA/JU
 Sample : SSTD3.236
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2207

Quant Time: Sep 16 01:02:27 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

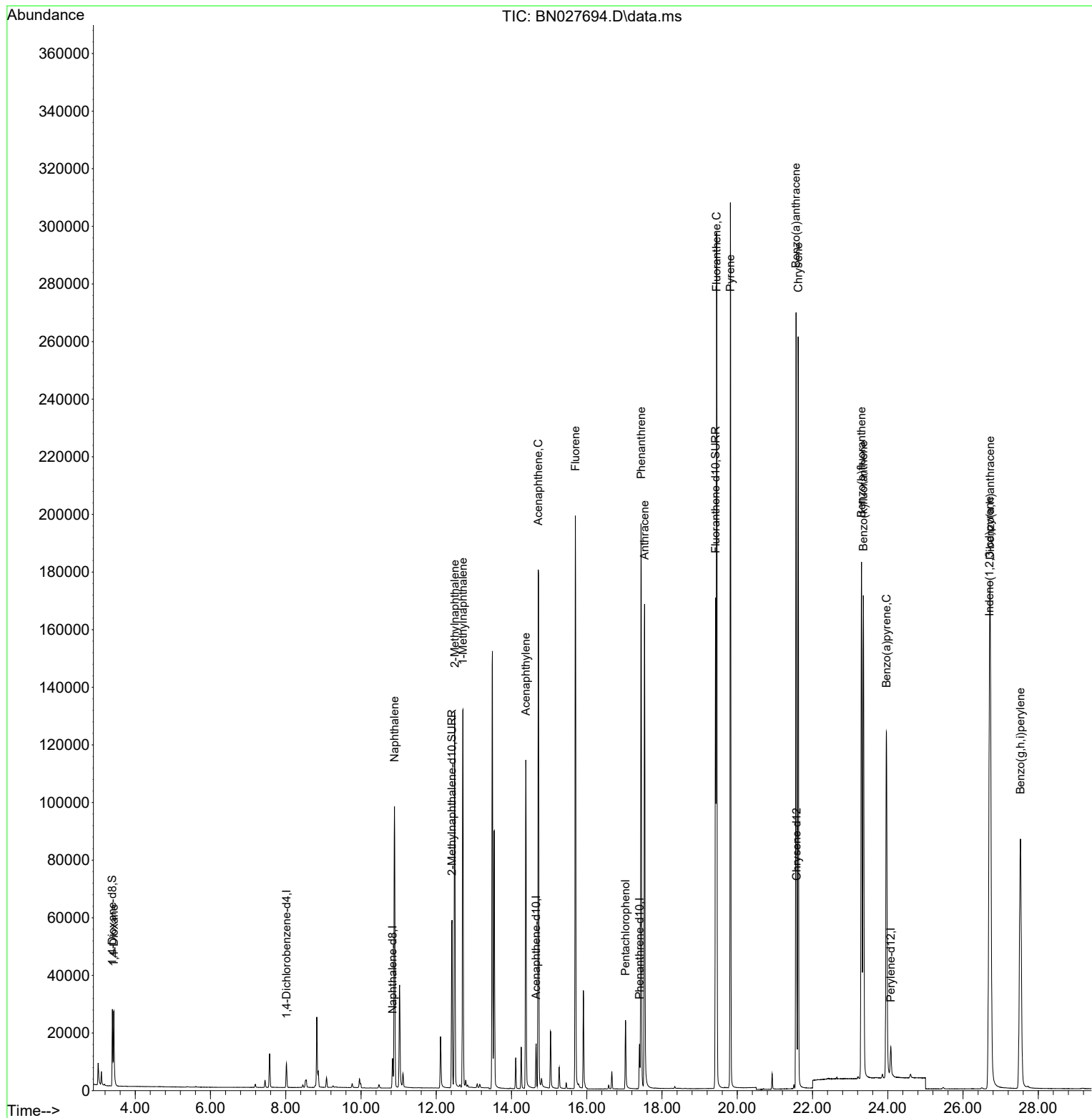
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	13867	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	8374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	18786	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	17357	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	15193	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	17819	3.233	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	74056	3.602	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	183628	3.215	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	18889	3.282	ng/ul#	83
5) Naphthalene	10.889	128	134989	3.436	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	89203	3.630	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	90498	3.465	ng/ul	99
10) Acenaphthylene	14.379	152	132073	3.537	ng/ul	98
11) Acenaphthene	14.712	153	106506	3.308	ng/ul	99
12) Fluorene	15.698	166	126574	3.479	ng/ul	99
14) Pentachlorophenol	17.029	266	16471	4.382	ng/ul	99
15) Phenanthrene	17.443	178	205011	3.431	ng/ul	99
16) Anthracene	17.536	178	188845	3.937	ng/ul	99
19) Fluoranthene	19.450	202	246872	3.229	ng/ul	98
20) Pyrene	19.817	202	248781	3.188	ng/ul	100
21) Benzo(a)anthracene	21.562	228	237638	3.791	ng/ul	100
22) Chrysene	21.618	228	231664	3.253	ng/ul	99
24) Benzo(b)fluoranthene	23.302	252	243555	3.500	ng/ul	93
25) Benzo(k)fluoranthene	23.351	252	235668	3.464	ng/ul#	93
26) Benzo(a)pyrene	23.965	252	201016	3.670	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.700	276	258533	4.144	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.724	278	210467	4.352	ng/ul	95
29) Benzo(g,h,i)perylene	27.525	276	212493	3.814	ng/ul	97

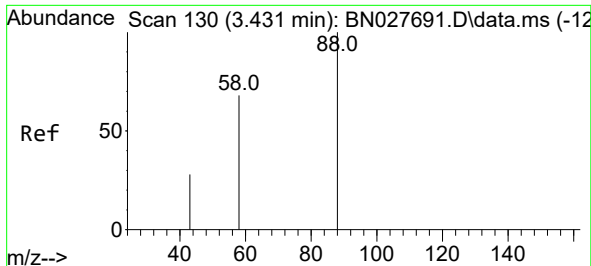
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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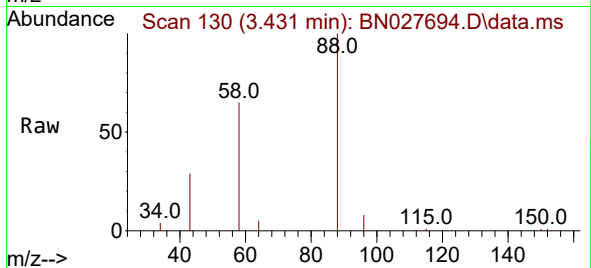
Quant Time: Sep 16 01:02:27 2023
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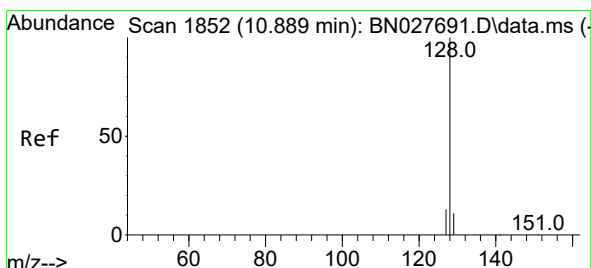
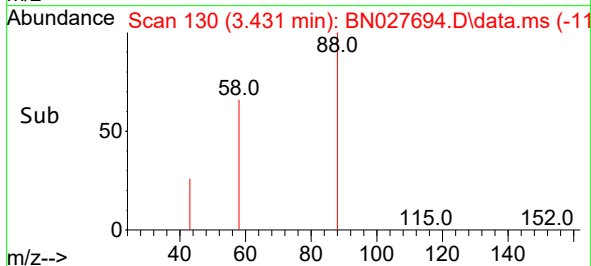
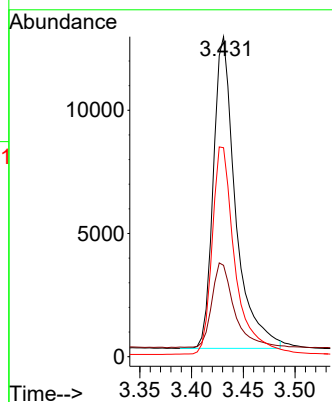


#2
1,4-Dioxane
Concen: 3.282 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

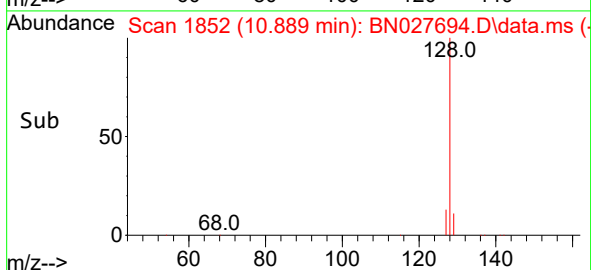
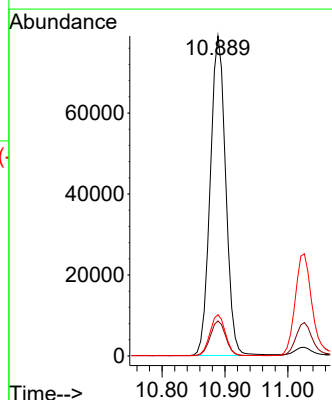
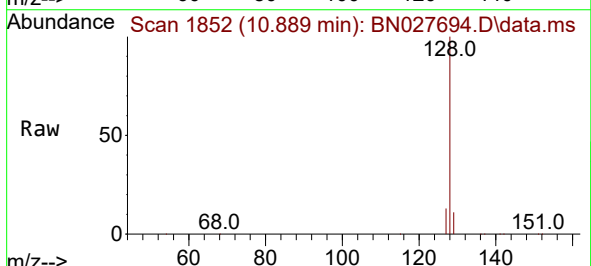


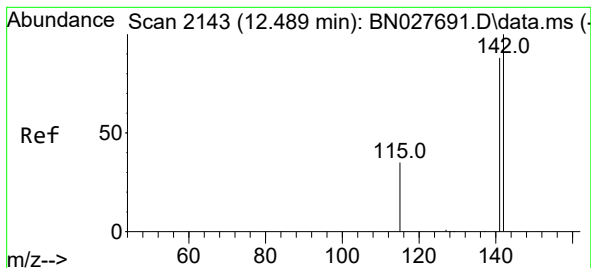
Tgt Ion: 88 Resp: 18889
Ion Ratio Lower Upper
88 100
43 28.6 39.6 59.4#
58 65.3 48.3 72.5



#5
Naphthalene
Concen: 3.436 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:128 Resp: 134989
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 12.9 10.7 16.1

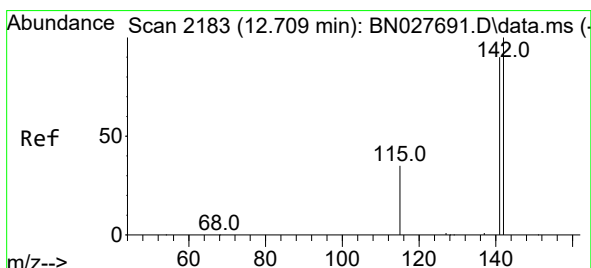
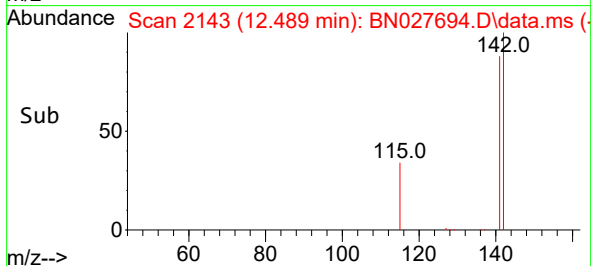
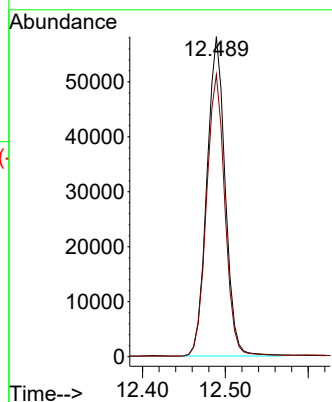
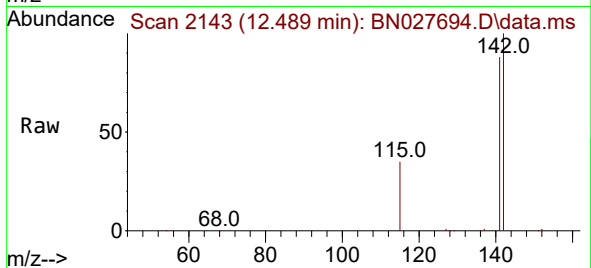




#7
2-Methylnaphthalene
Concen: 3.630 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

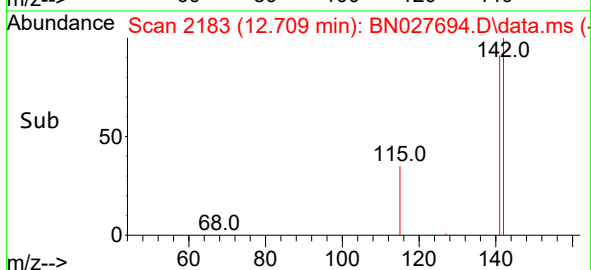
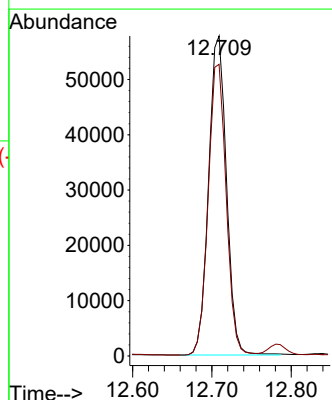
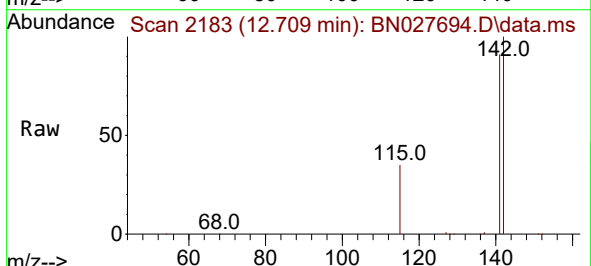
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

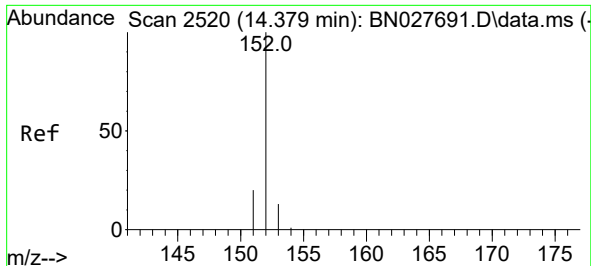
Tgt Ion:142 Resp: 89203
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 3.465 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

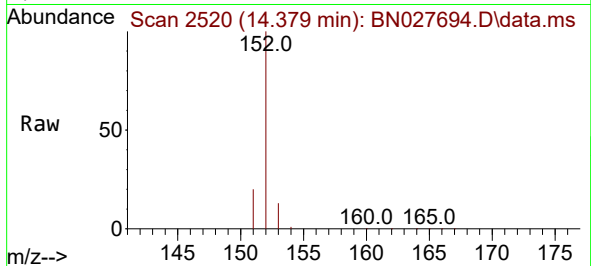
Tgt Ion:142 Resp: 90498
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2



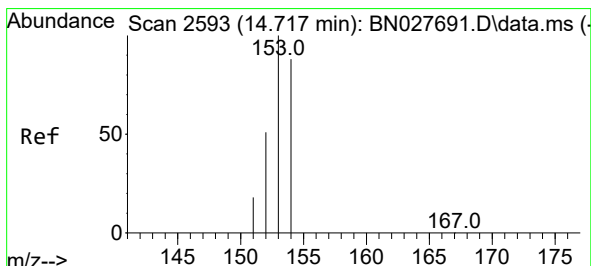
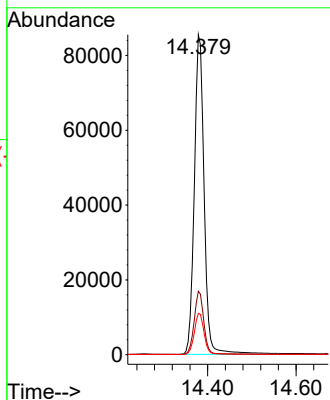
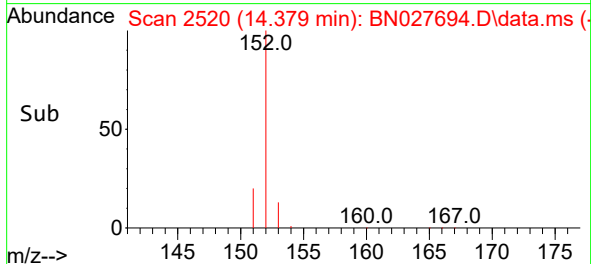


#10
Acenaphthylene
Concen: 3.537 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

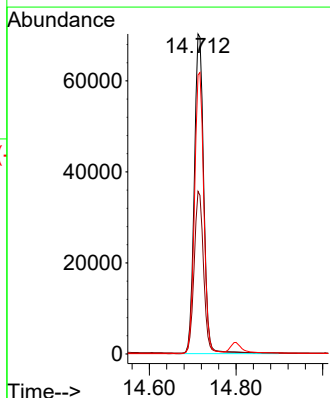
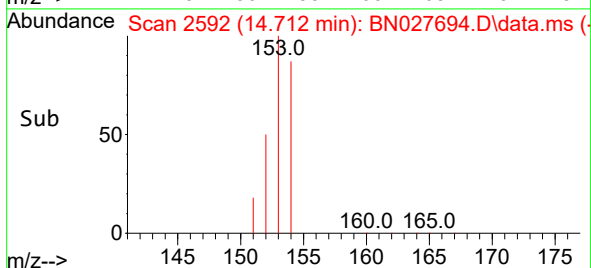
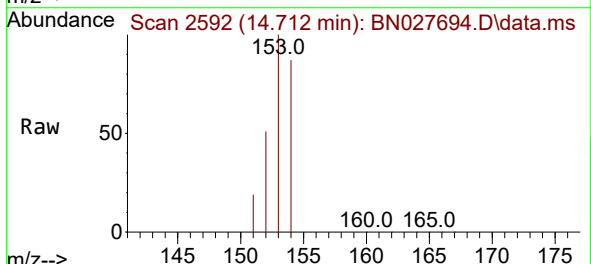


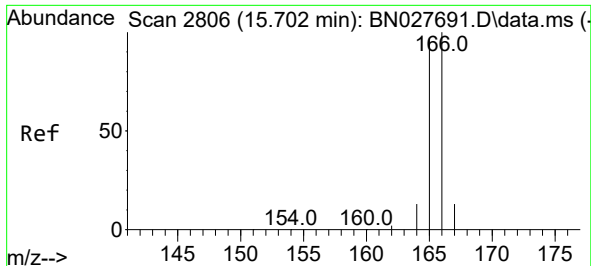
Tgt Ion:152 Resp: 132073
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 12.9 11.0 16.6



#11
Acenaphthene
Concen: 3.308 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:153 Resp: 106506
Ion Ratio Lower Upper
153 100
152 50.8 41.7 62.5
154 87.2 70.3 105.5

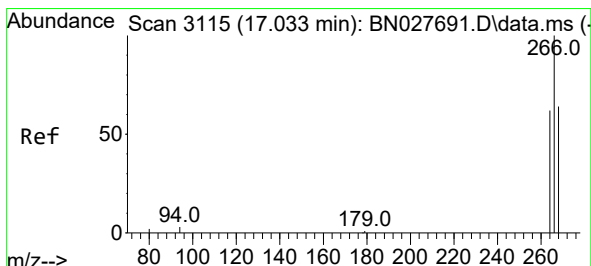
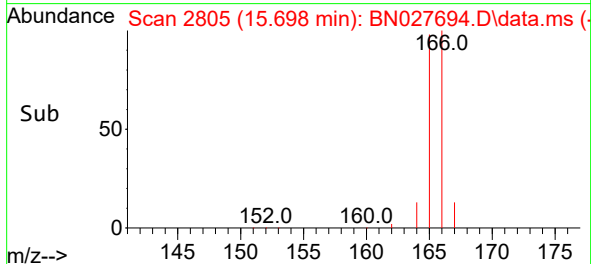
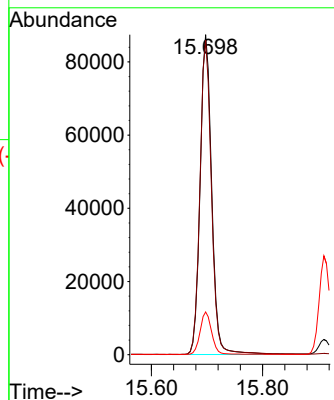
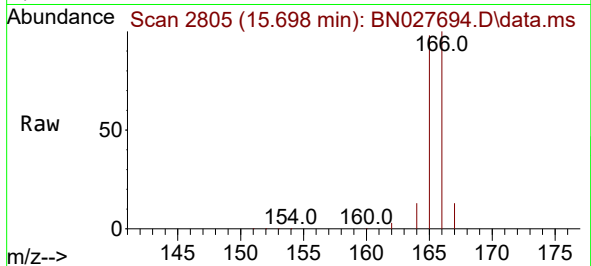




#12
 Fluorene
 Concen: 3.479 ng/ul
 RT: 15.698 min Scan# 2805
 Delta R.T. -0.005 min
 Lab File: BN027694.D
 Acq: 15 Sep 2023 14:01

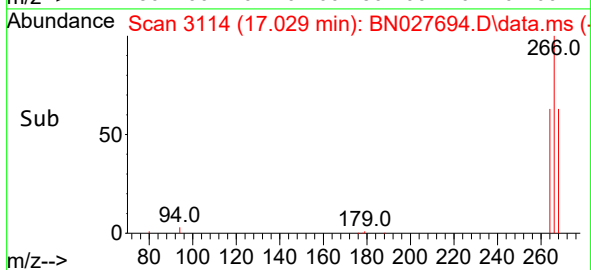
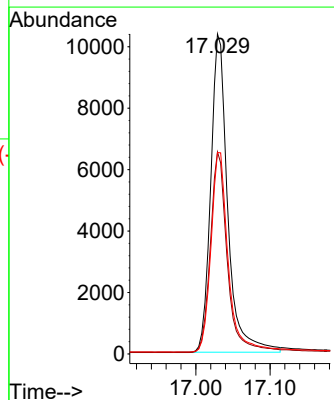
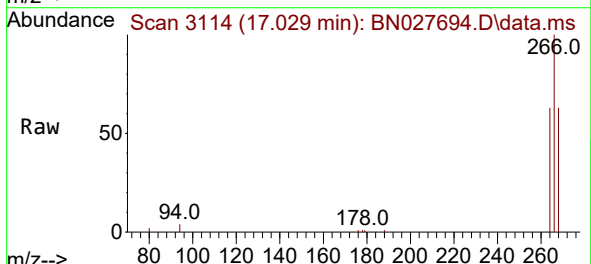
Instrument :
 BNA_N
 ClientSampleId :
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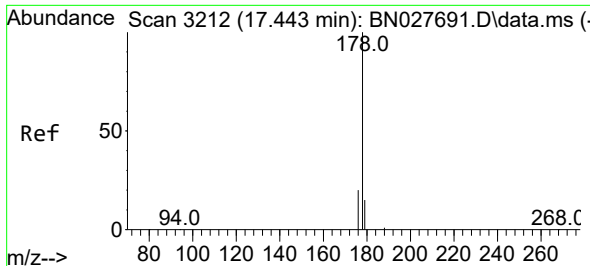
Tgt Ion:166 Resp: 126574
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.0 117.0
 167 13.4 11.4 17.2



#14
 Pentachlorophenol
 Concen: 4.382 ng/ul
 RT: 17.029 min Scan# 3114
 Delta R.T. -0.004 min
 Lab File: BN027694.D
 Acq: 15 Sep 2023 14:01

Tgt Ion:266 Resp: 16471
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 63.8 50.7 76.1

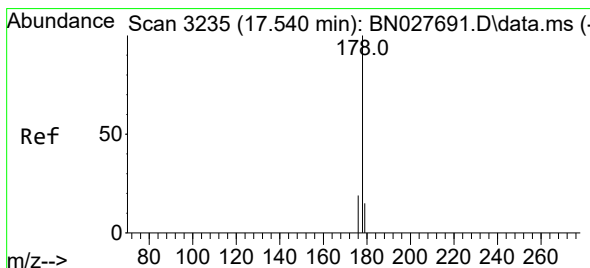
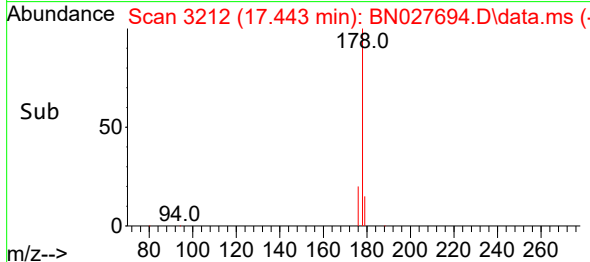
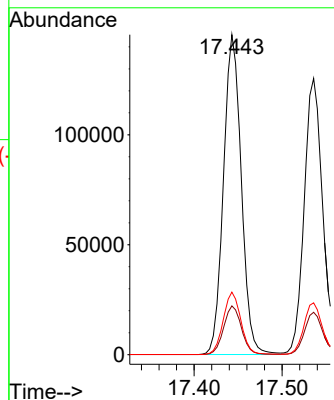
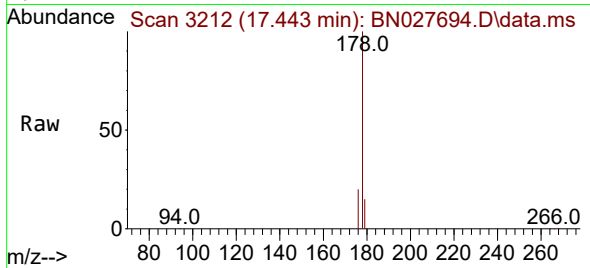




#15
Phenanthrene
Concen: 3.431 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

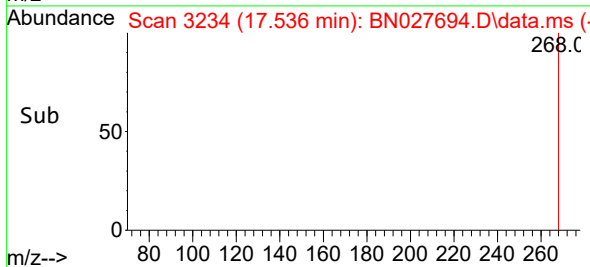
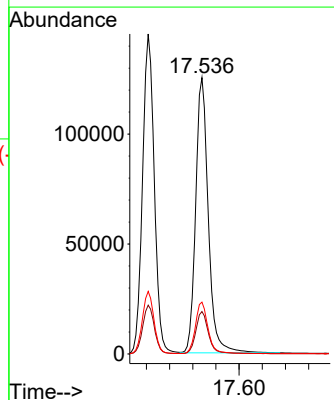
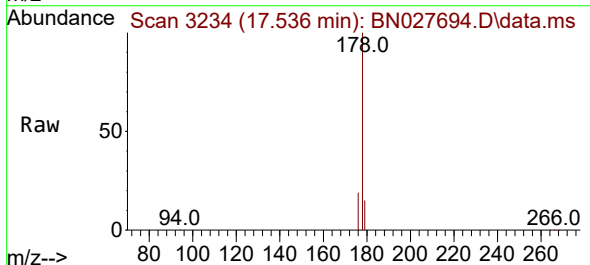
Instrument :
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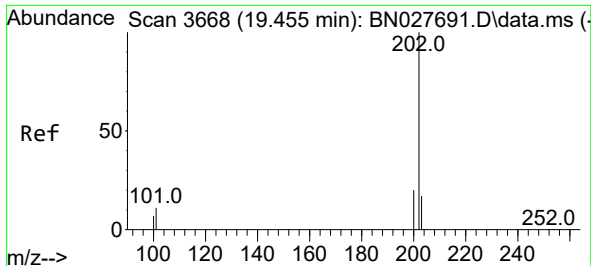
Tgt Ion:178 Resp: 205011
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.6 16.0 24.0



#16
Anthracene
Concen: 3.937 ng/ul
RT: 17.536 min Scan# 3234
Delta R.T. -0.004 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:178 Resp: 188845
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.8 15.5 23.3





#19

Fluoranthene

Concen: 3.229 ng/ul

RT: 19.450 min Scan# 3667

Delta R.T. -0.005 min

Lab File: BN027694.D

Acq: 15 Sep 2023 14:01

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

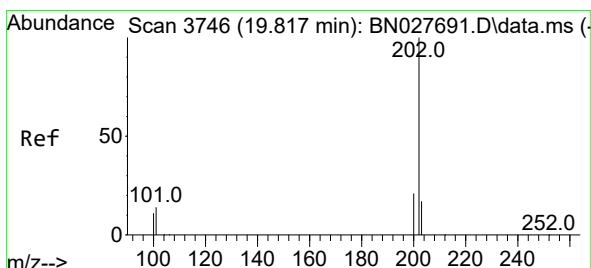
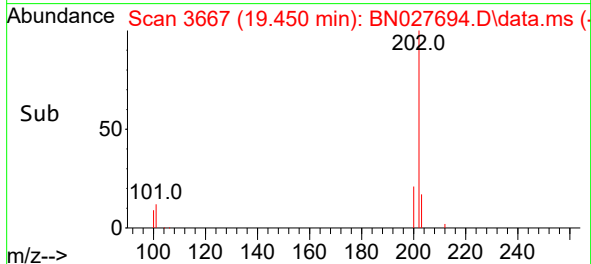
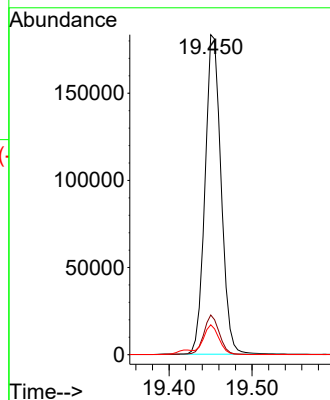
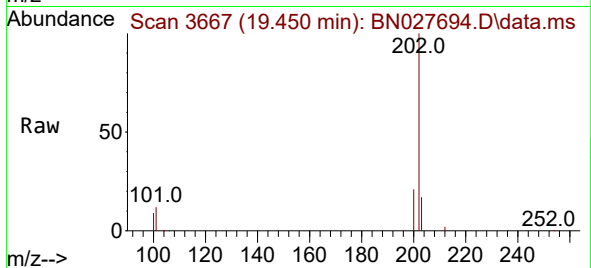
Tgt Ion:202 Resp: 246872

Ion Ratio Lower Upper

202 100

101 12.4 9.3 13.9

100 9.3 7.0 10.4



#20

Pyrene

Concen: 3.188 ng/ul

RT: 19.817 min Scan# 3746

Delta R.T. -0.000 min

Lab File: BN027694.D

Acq: 15 Sep 2023 14:01

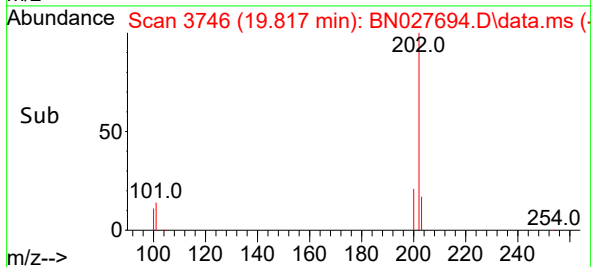
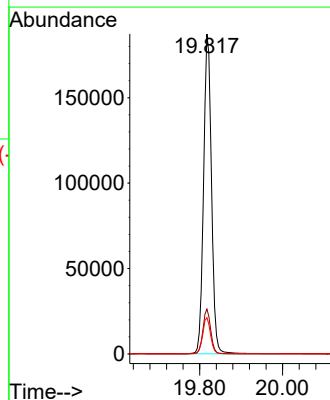
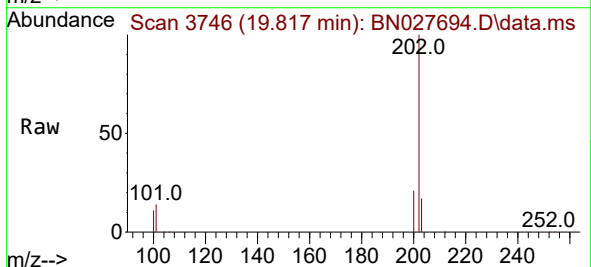
Tgt Ion:202 Resp: 248781

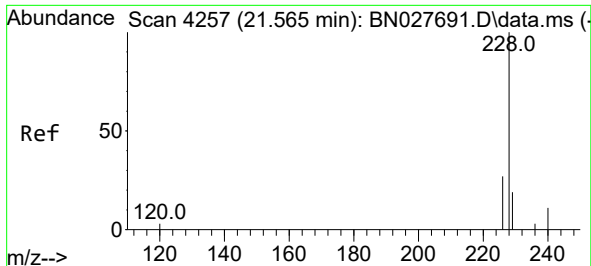
Ion Ratio Lower Upper

202 100

101 14.0 11.4 17.0

100 11.4 9.1 13.7

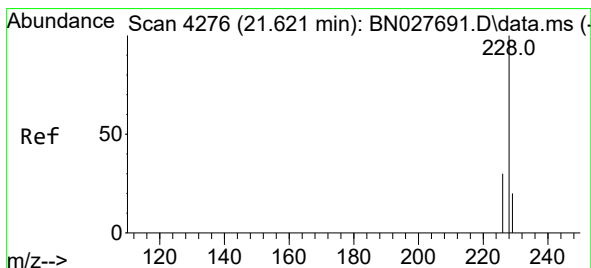
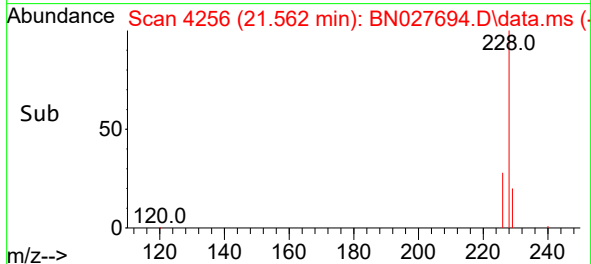
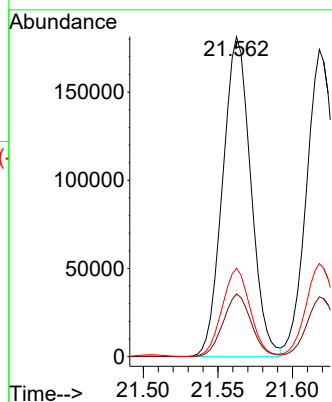
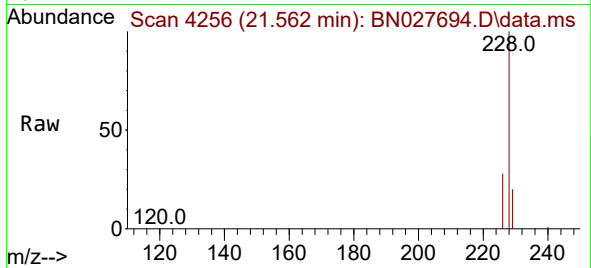




#21
Benzo(a)anthracene
Concen: 3.791 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

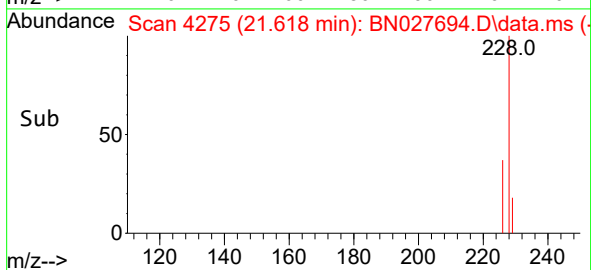
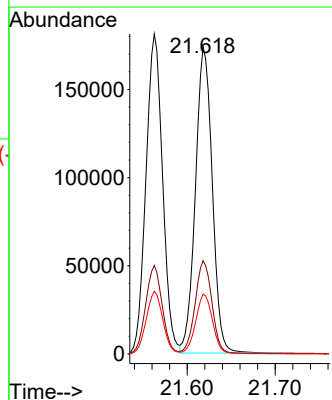
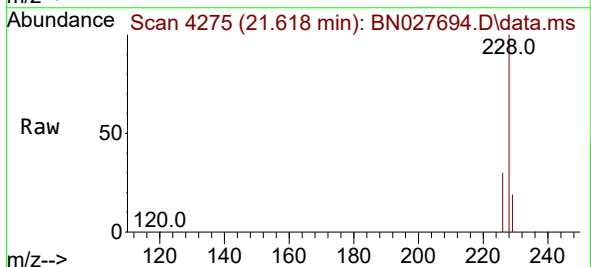
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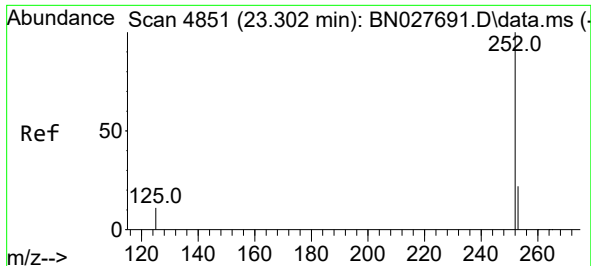
Tgt Ion:228 Resp: 237638
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.6 22.0 33.0



#22
Chrysene
Concen: 3.253 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:228 Resp: 231664
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.5 16.0 24.0

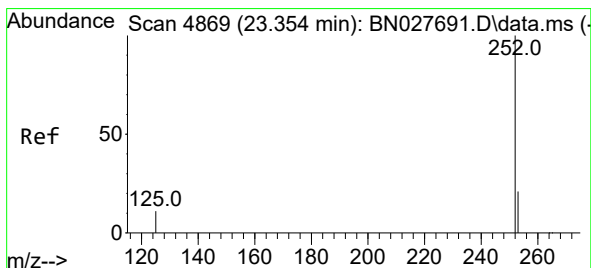
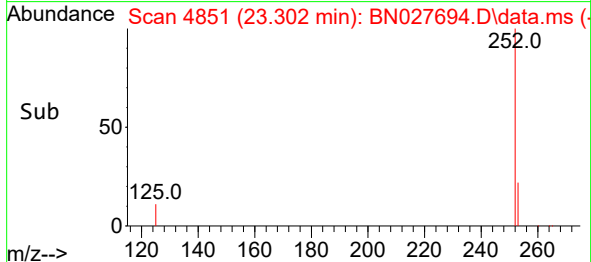
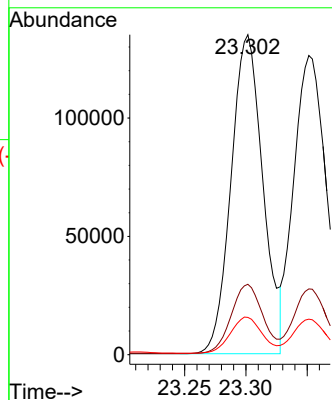
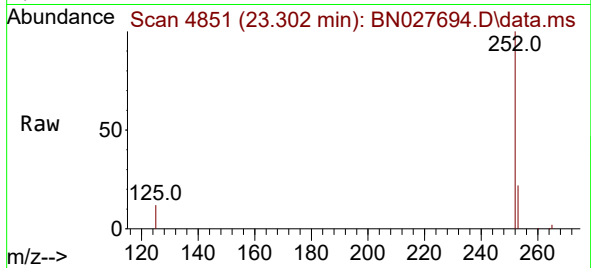




#24
Benzo(b)fluoranthene
Concen: 3.500 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. -0.000 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

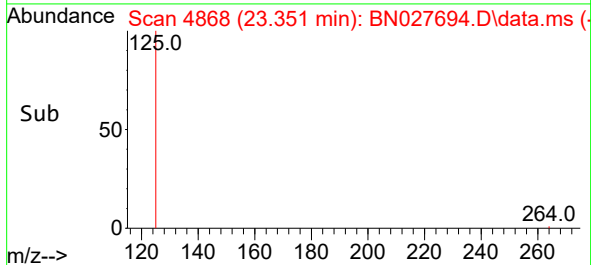
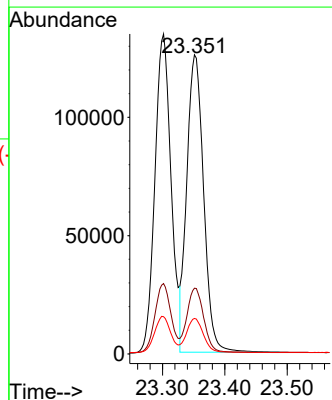
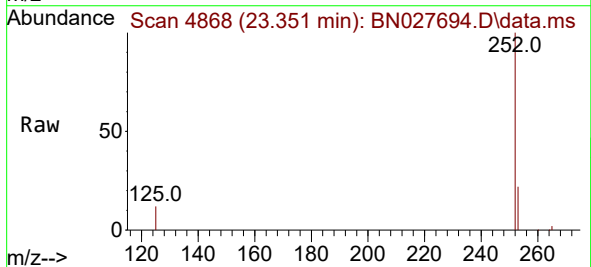
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

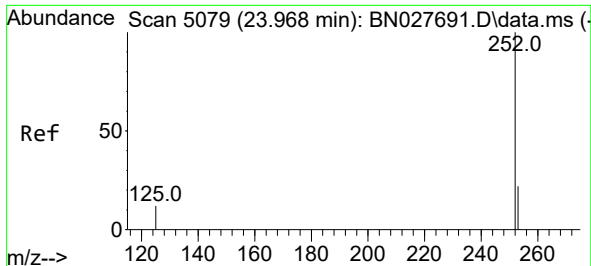
Tgt Ion:252 Resp: 243555
Ion Ratio Lower Upper
252 100
253 22.0 0.0 50.2
125 11.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 3.464 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:252 Resp: 235668
Ion Ratio Lower Upper
252 100
253 22.0 19.9 29.9
125 11.9 12.6 19.0#

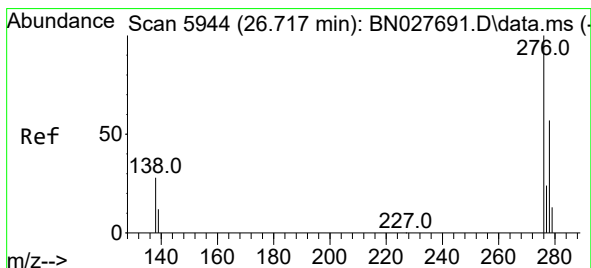
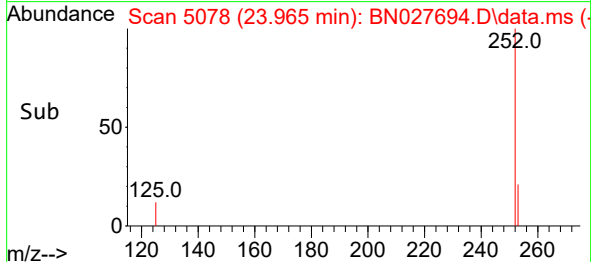
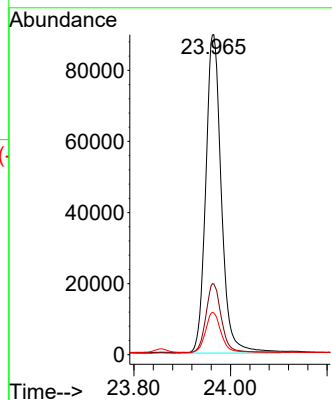
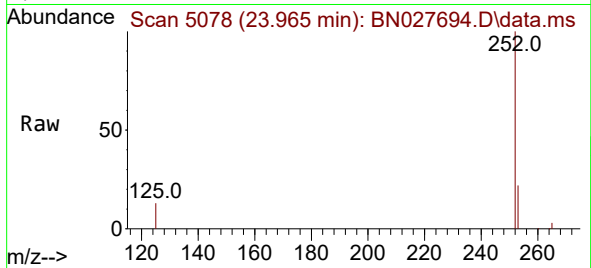




#26
Benzo(a)pyrene
Concen: 3.670 ng/ul
RT: 23.965 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

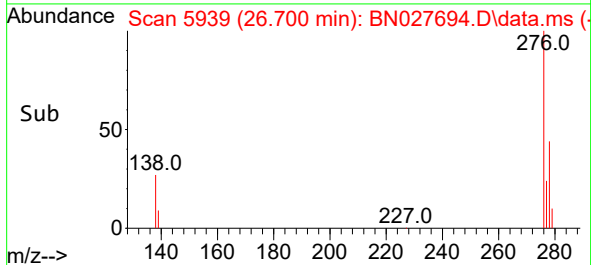
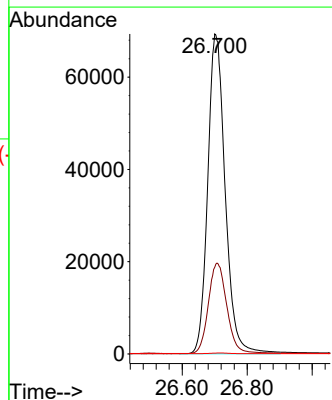
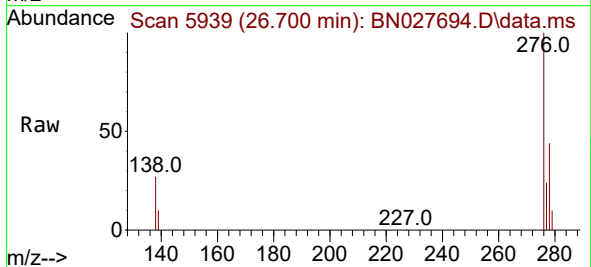
Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

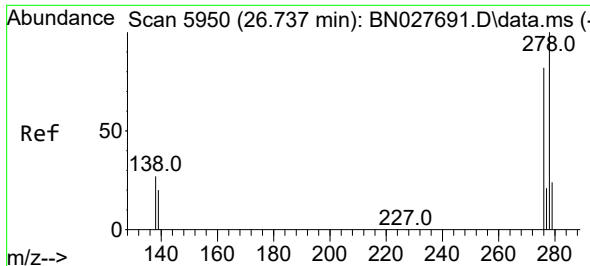
Tgt Ion:252 Resp: 201016
Ion Ratio Lower Upper
252 100
253 22.1 21.9 32.9
125 13.0 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.144 ng/ul
RT: 26.700 min Scan# 5939
Delta R.T. -0.016 min
Lab File: BN027694.D
Acq: 15 Sep 2023 14:01

Tgt Ion:276 Resp: 258533
Ion Ratio Lower Upper
276 100
138 29.9 24.3 36.5
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 4.352 ng/ul

RT: 26.724 min Scan# 5946

Delta R.T. -0.013 min

Lab File: BN027694.D

Acq: 15 Sep 2023 14:01

Instrument :

BNA_N

ClientSampleId :

SSTD3.2207

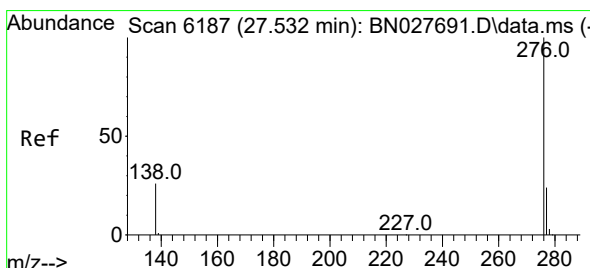
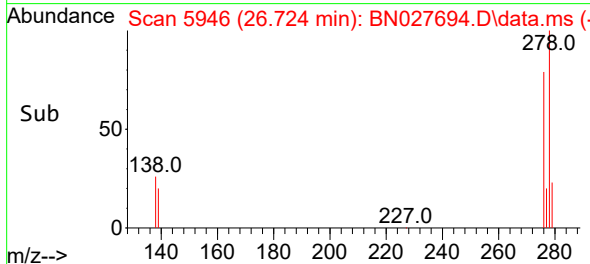
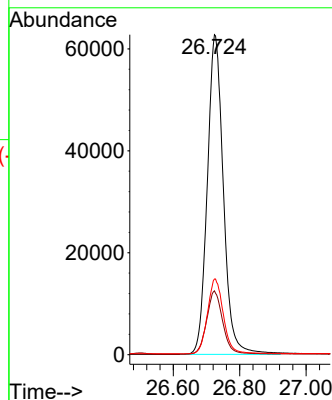
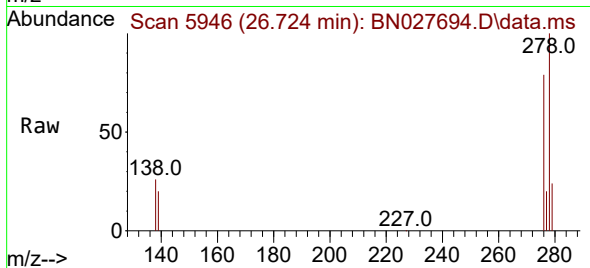
Tgt Ion:278 Resp: 210467

Ion Ratio Lower Upper

278 100

139 20.0 17.2 25.8

279 23.7 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 3.814 ng/ul

RT: 27.525 min Scan# 6185

Delta R.T. -0.006 min

Lab File: BN027694.D

Acq: 15 Sep 2023 14:01

Tgt Ion:276 Resp: 212493

Ion Ratio Lower Upper

276 100

138 25.6 21.7 32.5

277 23.7 20.2 30.2

