

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030923\
 Data File : BN024167.D
 Acq On : 08 Mar 2023 14:21
 Operator : CG/JU
 Sample : SST0.879
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8240

Quant Time: Mar 09 00:50:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 00:47:00 2023
 Response via : Initial Calibration

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

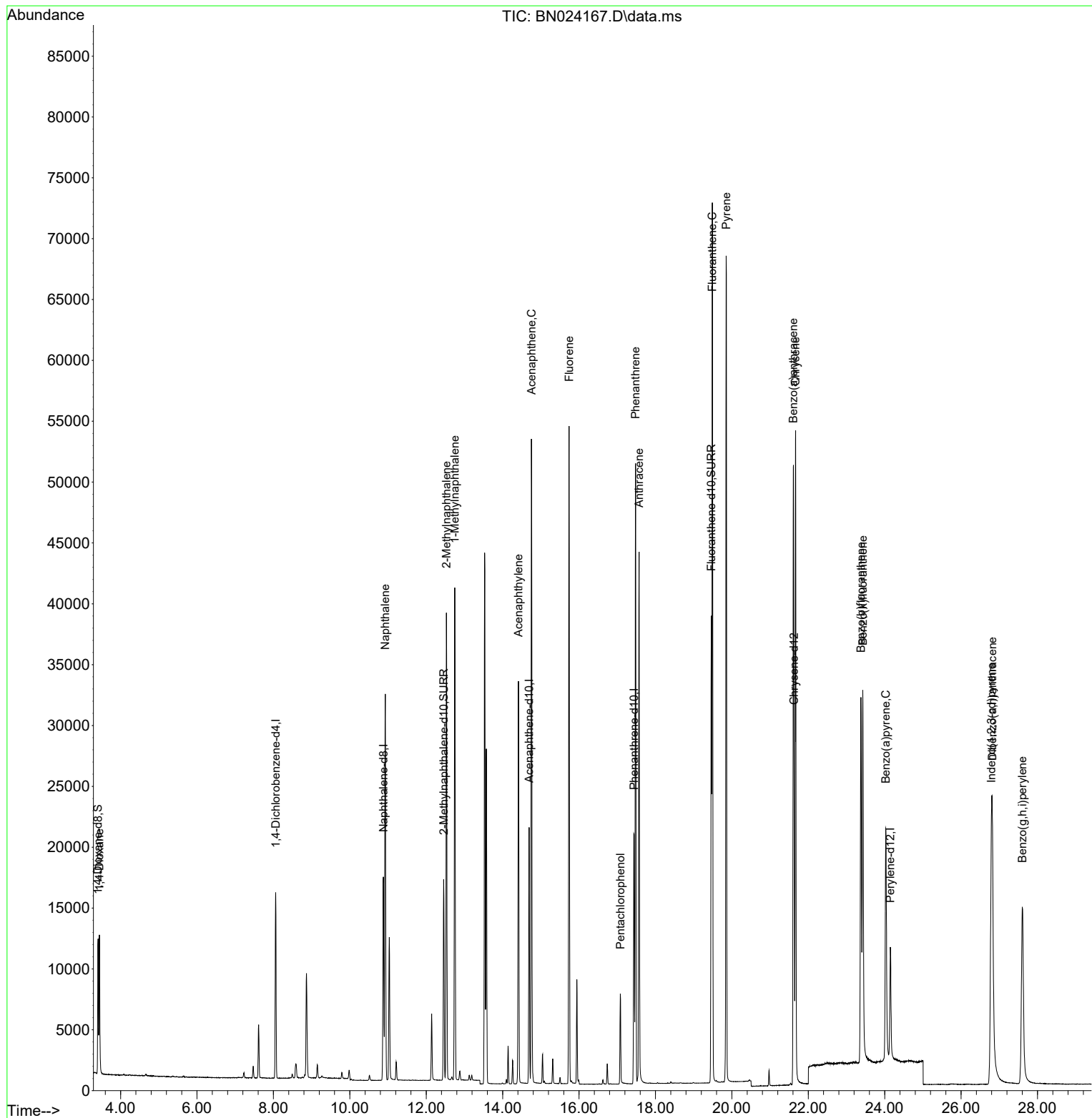
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	7562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	21542	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.694	164	11343	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.439	188	23252	0.400	ng/ul	0.00
17) Chrysene-d12	21.627	240	17694	0.400	ng/ul	0.00
23) Perylene-d12	24.149	264	13502	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	6667	0.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	20456	0.607	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	37840	0.796	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	7227	0.841	ng/ul	91
5) Naphthalene	10.927	128	42849	0.727	ng/ul	100
7) 2-Methylnaphthalene	12.528	142	26175	0.683	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	27581	0.703	ng/ul	100
10) Acenaphthylene	14.416	152	37647	0.868	ng/ul	99
11) Acenaphthene	14.754	153	29200	0.765	ng/ul	99
12) Fluorene	15.739	166	33110	0.717	ng/ul	99
14) Pentachlorophenol	17.080	266	4844	0.631	ng/ul#	73
15) Phenanthrene	17.477	178	53656	0.774	ng/ul	100
16) Anthracene	17.570	178	47335	0.816	ng/ul	99
19) Fluoranthene	19.487	202	57468	0.977	ng/ul	97
20) Pyrene	19.854	202	56668	0.930	ng/ul	100
21) Benzo(a)anthracene	21.609	228	45187	0.752	ng/ul	99
22) Chrysene	21.668	228	48727	0.770	ng/ul	99
24) Benzo(b)fluoranthene	23.378	252	43917	0.736	ng/ul	98
25) Benzo(k)fluoranthene	23.427	252	45054	0.773	ng/ul	98
26) Benzo(a)pyrene	24.027	252	36339	0.731	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.790	276	41675	0.598	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.814	278	31790	0.570	ng/ul	97
29) Benzo(g,h,i)perylene	27.602	276	36293	0.633	ng/ul	99

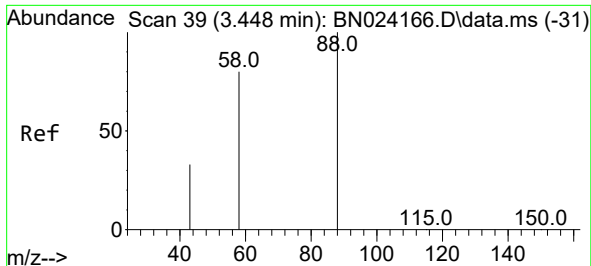
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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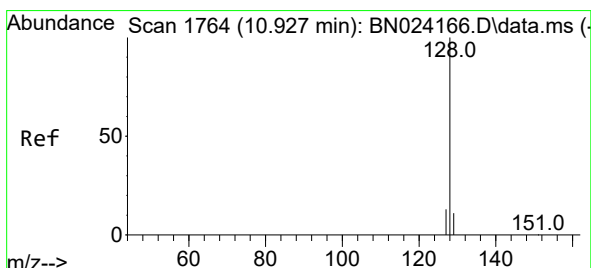
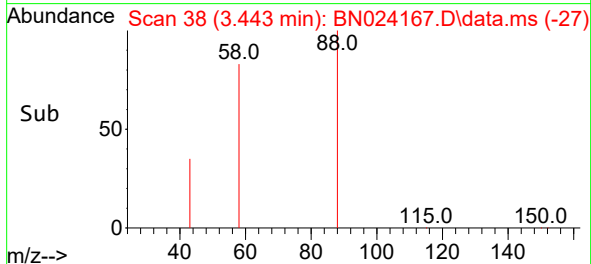
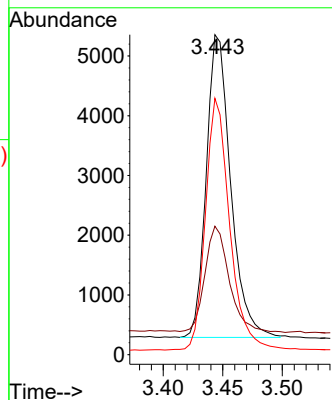
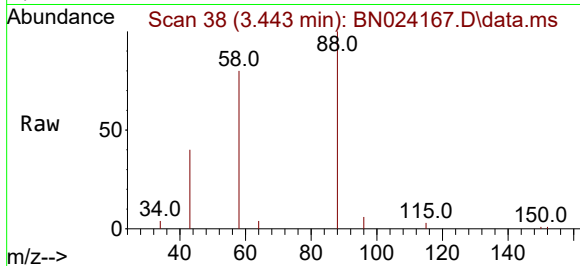




#2
1,4-Dioxane
Concen: 0.841 ng/ul
RT: 3.443 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

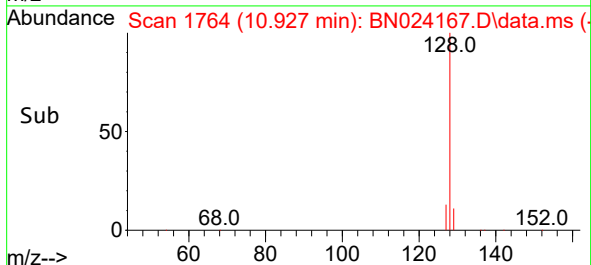
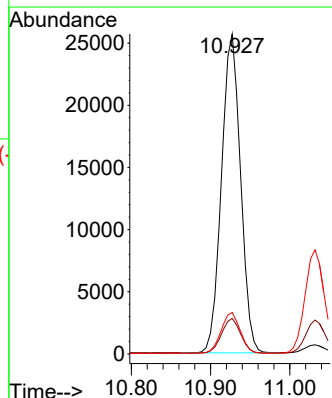
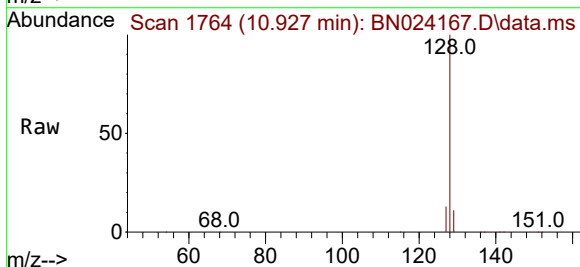
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

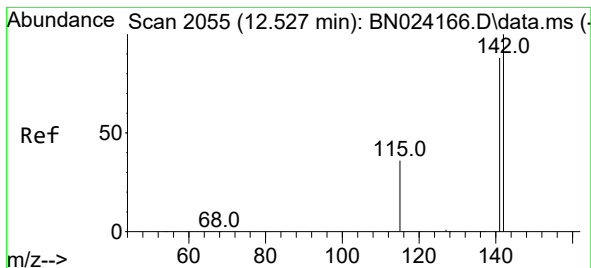
Tgt Ion: 88 Resp: 7227
Ion Ratio Lower Upper
88 100
43 40.2 32.1 48.1
58 80.1 55.1 82.7



#5
Naphthalene
Concen: 0.727 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion: 128 Resp: 42849
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.5 15.7

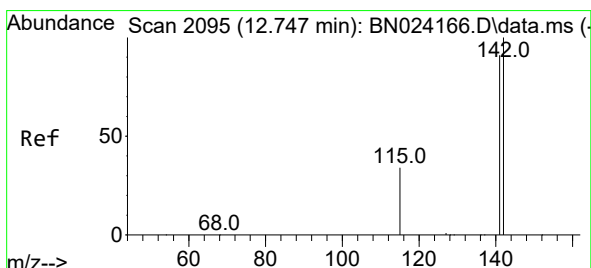
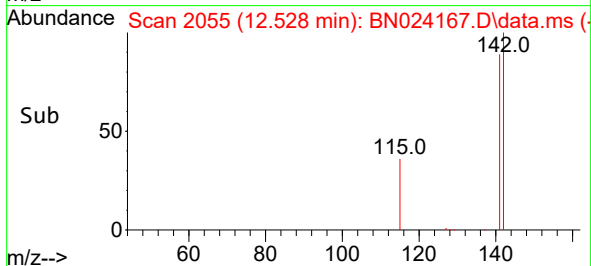
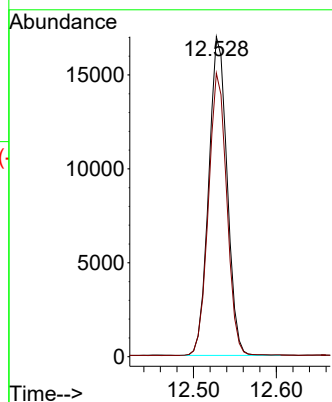
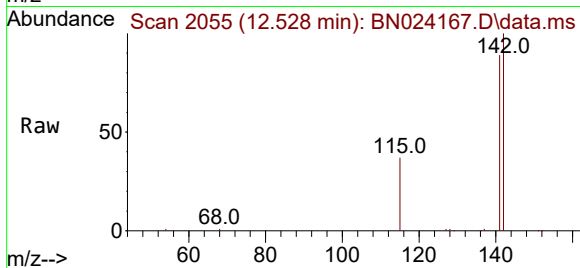




#7
2-Methylnaphthalene
Concen: 0.683 ng/ul
RT: 12.528 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

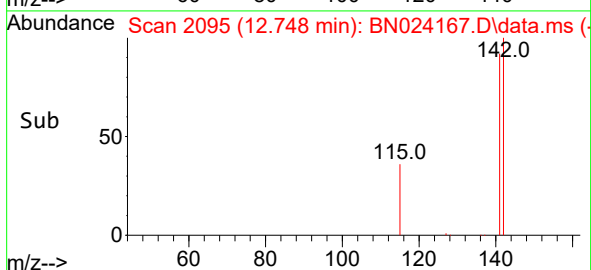
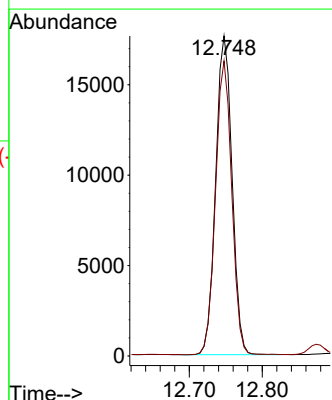
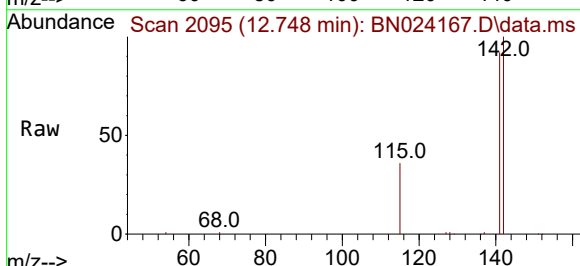
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

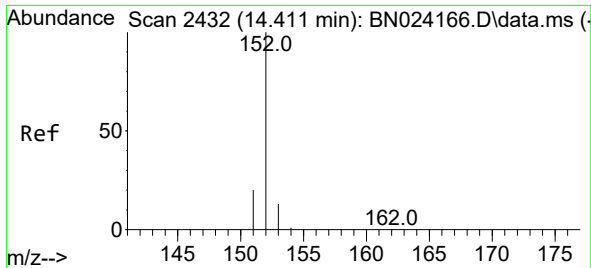
Tgt Ion:142 Resp: 26175
Ion Ratio Lower Upper
142 100
141 88.2 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.703 ng/ul
RT: 12.748 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:142 Resp: 27581
Ion Ratio Lower Upper
142 100
141 91.2 73.0 109.6

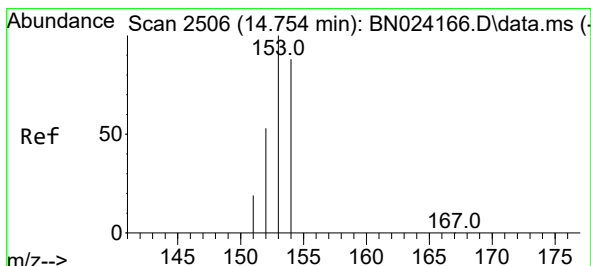
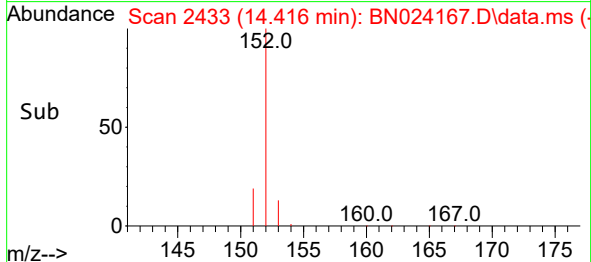
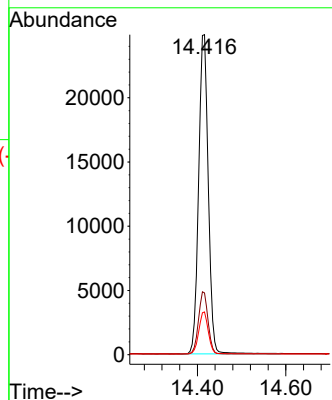
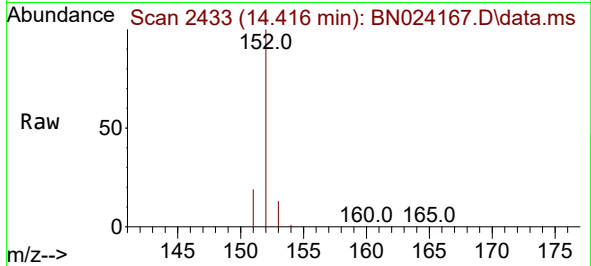




#10
Acenaphthylene
Concen: 0.868 ng/ul
RT: 14.416 min Scan# 2433
Delta R.T. 0.005 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

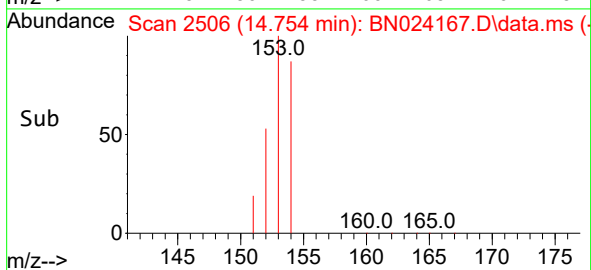
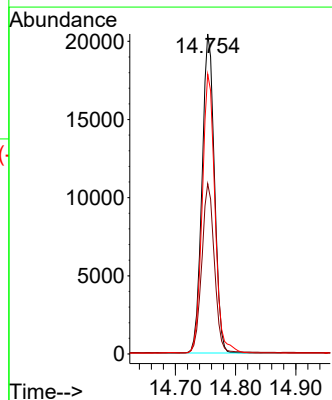
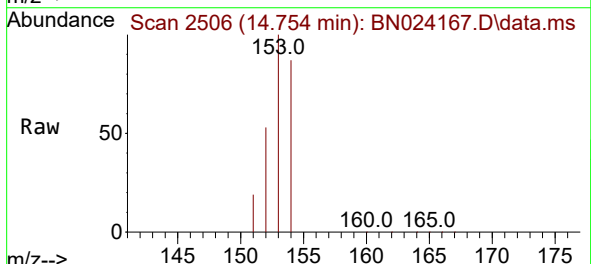
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

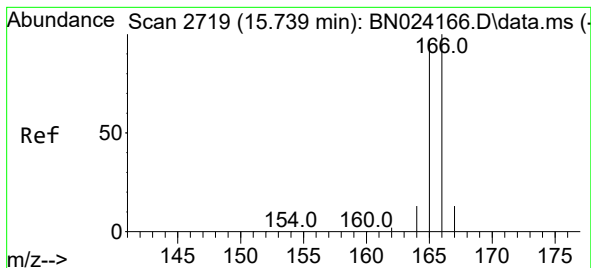
Tgt Ion:152 Resp: 37647
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.765 ng/ul
RT: 14.754 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:153 Resp: 29200
Ion Ratio Lower Upper
153 100
152 53.2 42.6 64.0
154 87.5 70.6 105.8





#12

Fluorene

Concen: 0.717 ng/ul

RT: 15.739 min Scan# 2719

Delta R.T. 0.000 min

Lab File: BN024167.D

Acq: 08 Mar 2023 14:21

Instrument :

BNA_N

ClientSampleId :

SSTD0.8240

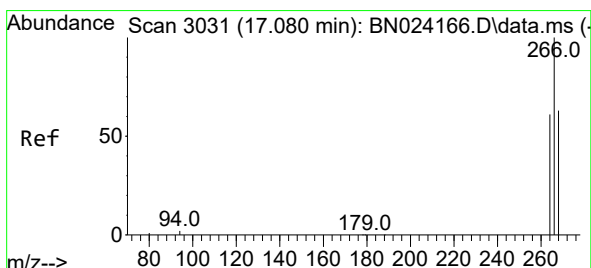
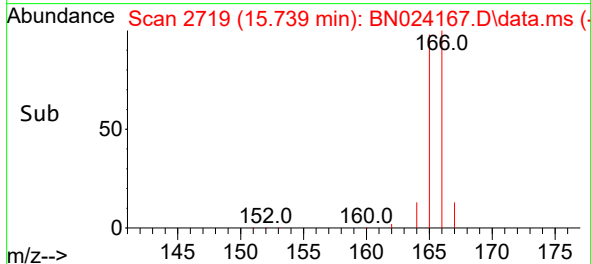
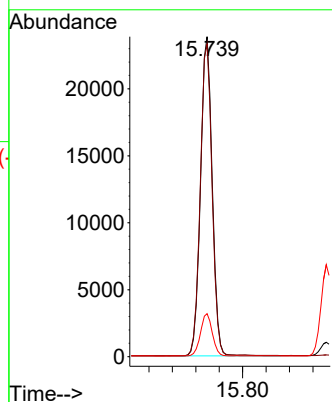
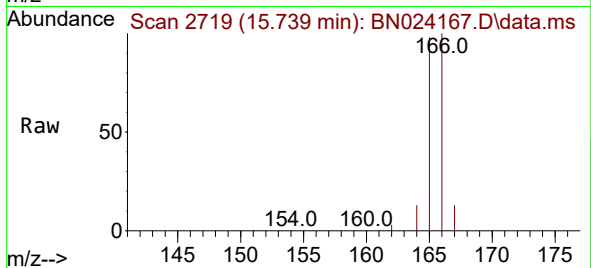
Tgt Ion:166 Resp: 33110

Ion Ratio Lower Upper

166 100

165 97.7 77.4 116.0

167 13.4 10.9 16.3



#14

Pentachlorophenol

Concen: 0.631 ng/ul

RT: 17.080 min Scan# 3031

Delta R.T. 0.000 min

Lab File: BN024167.D

Acq: 08 Mar 2023 14:21

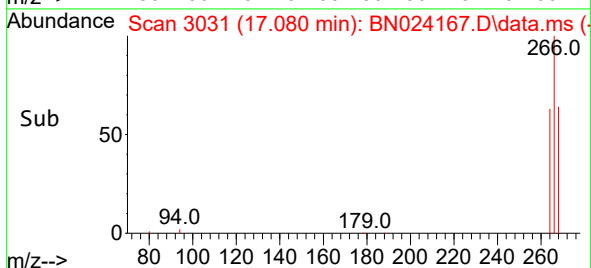
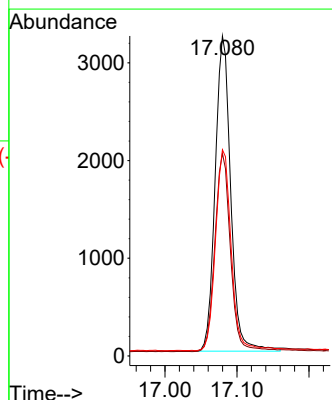
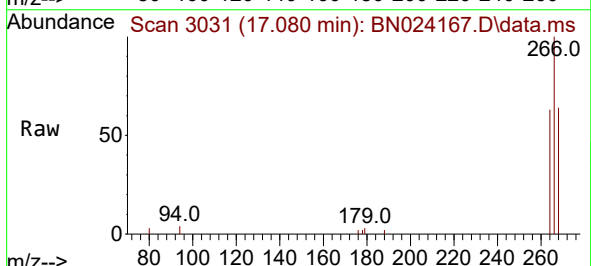
Tgt Ion:266 Resp: 4844

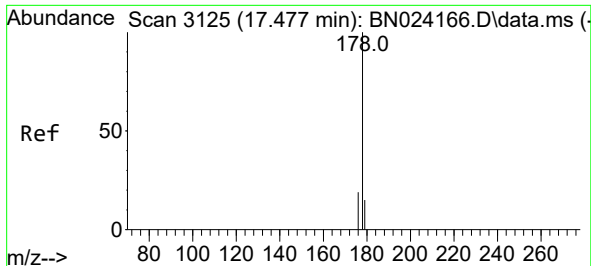
Ion Ratio Lower Upper

266 100

264 63.1 0.0 0.0#

268 64.4 0.1 0.1#

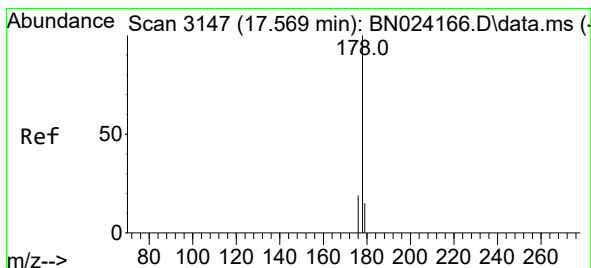
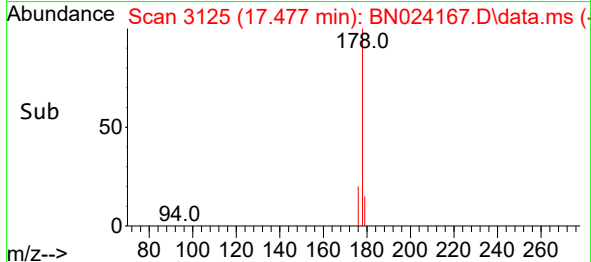
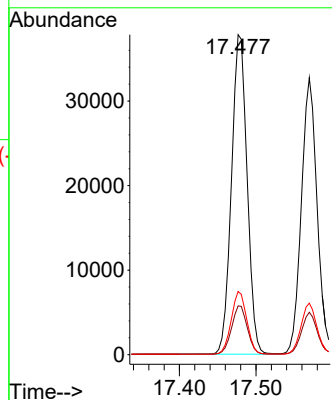
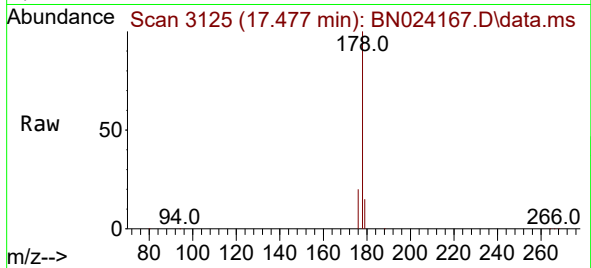




#15
Phenanthrene
Concen: 0.774 ng/ul
RT: 17.477 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

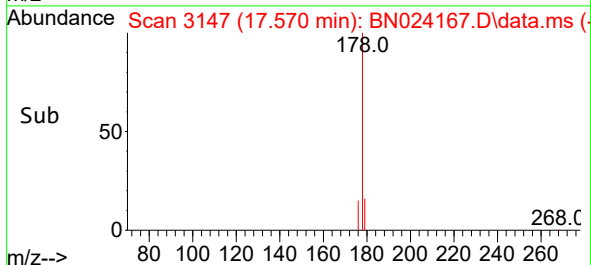
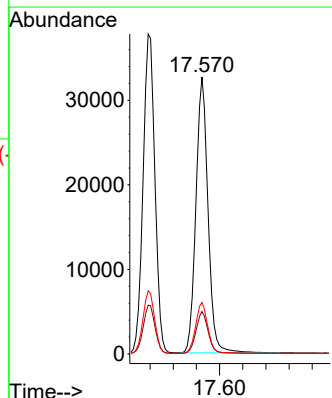
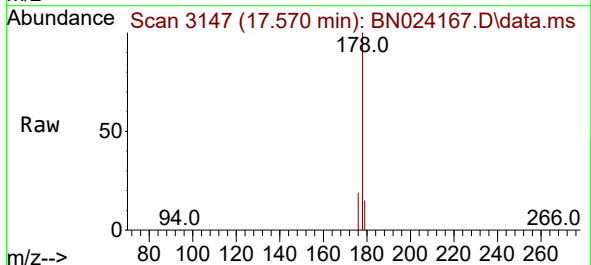
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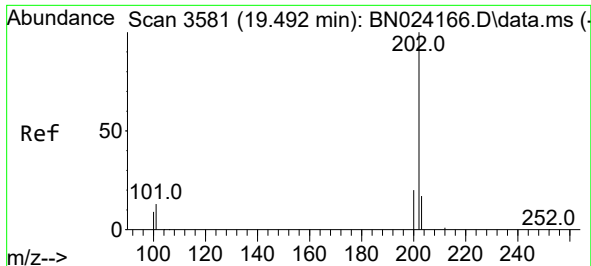
Tgt Ion:178 Resp: 53656
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.816 ng/ul
RT: 17.570 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:178 Resp: 47335
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 18.6 15.3 22.9

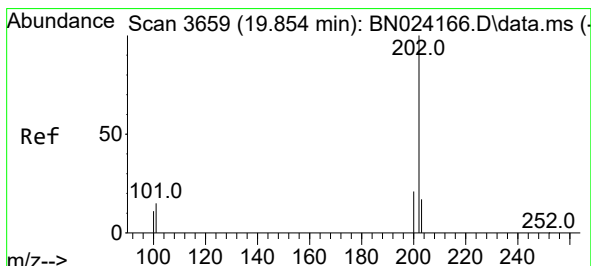
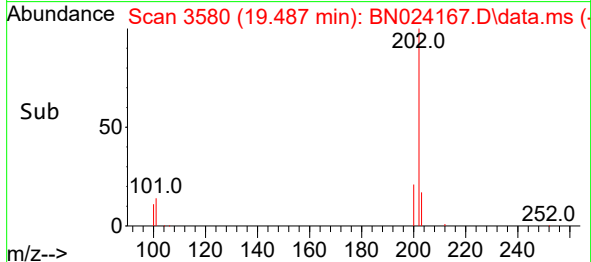
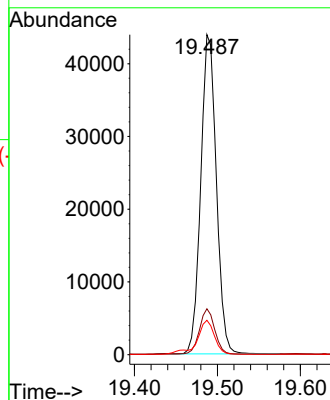
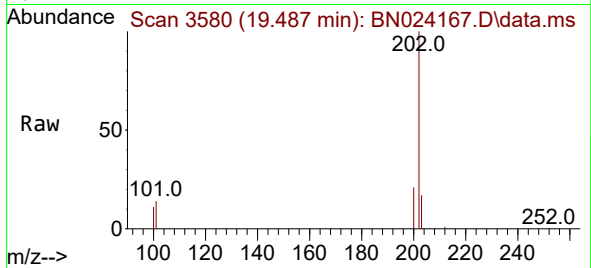




#19
Fluoranthene
Concen: 0.977 ng/ul
RT: 19.487 min Scan# 3580
Delta R.T. -0.005 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

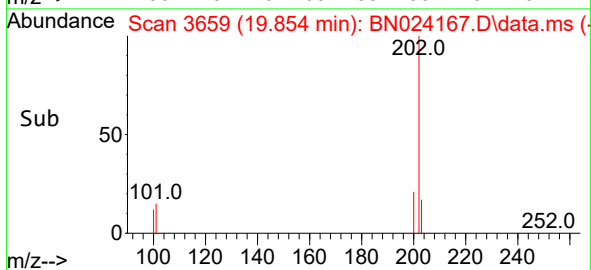
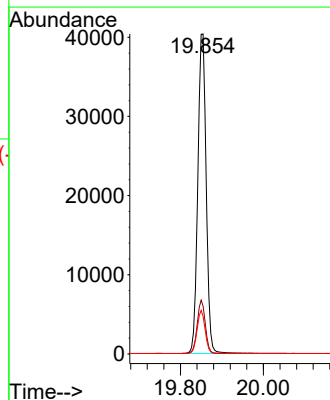
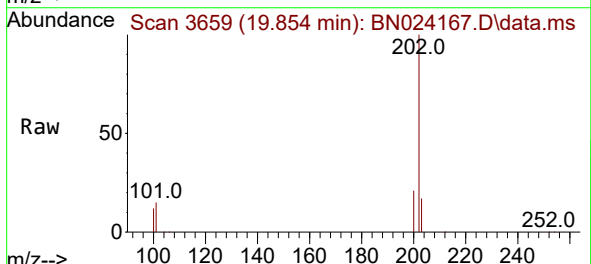
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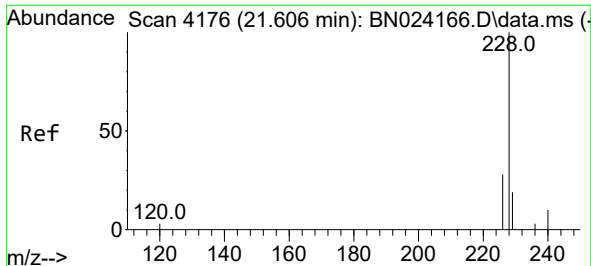
Tgt Ion:202 Resp: 57468
Ion Ratio Lower Upper
202 100
101 14.4 10.4 15.6
100 10.7 7.7 11.5



#20
Pyrene
Concen: 0.930 ng/ul
RT: 19.854 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:202 Resp: 56668
Ion Ratio Lower Upper
202 100
101 15.0 12.1 18.1
100 11.8 9.4 14.0

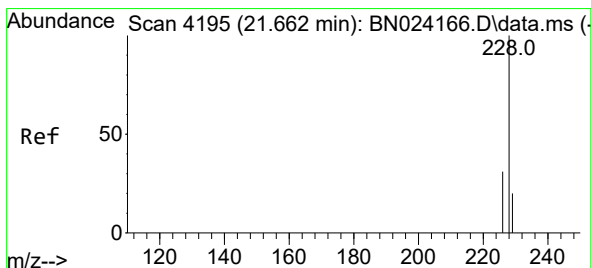
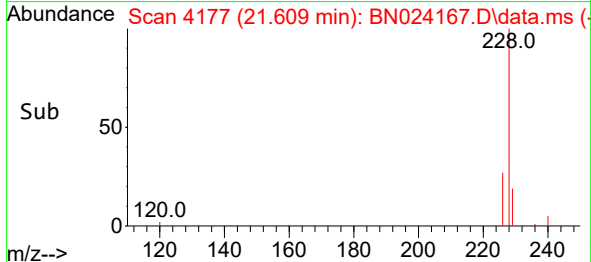
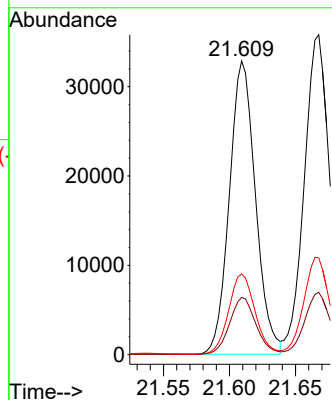
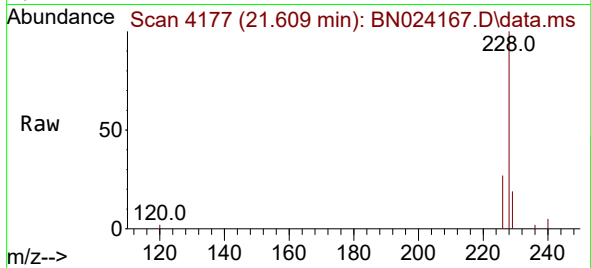




#21
Benzo(a)anthracene
Concen: 0.752 ng/ul
RT: 21.609 min Scan# 4176
Delta R.T. 0.003 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

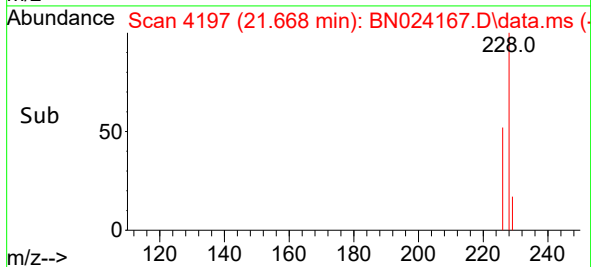
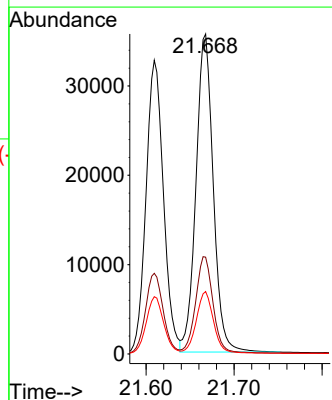
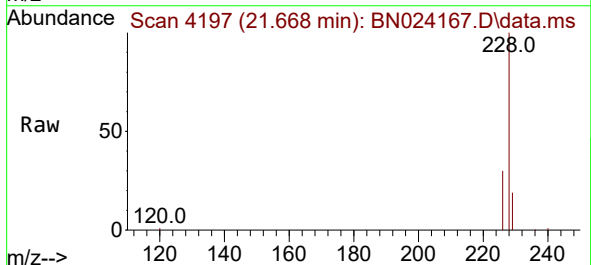
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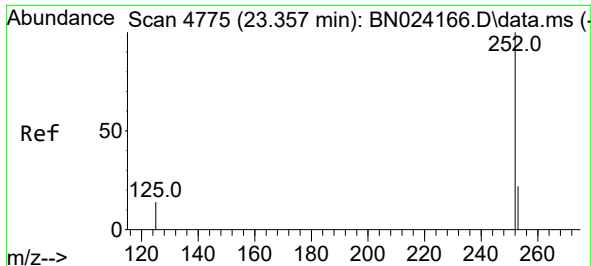
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Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.4 22.2 33.4



#22
Chrysene
Concen: 0.770 ng/ul
RT: 21.668 min Scan# 4197
Delta R.T. 0.006 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:228 Resp: 48727
Ion Ratio Lower Upper
228 100
226 30.2 24.8 37.2
229 19.5 15.8 23.6

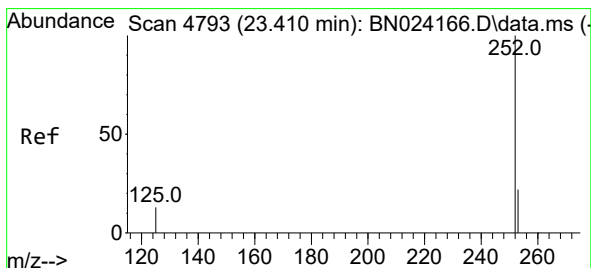
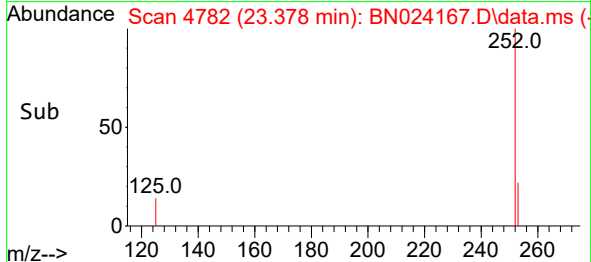
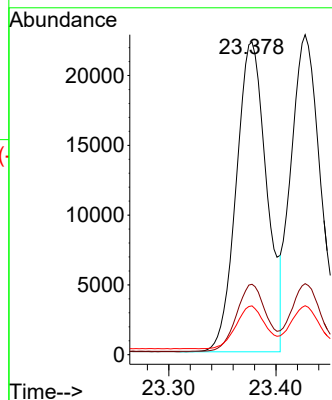
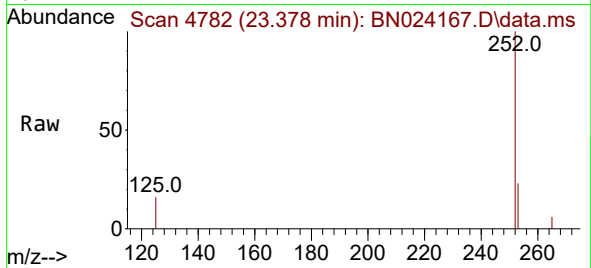




#24
Benzo(b)fluoranthene
Concen: 0.736 ng/ul
RT: 23.378 min Scan# 4782
Delta R.T. 0.021 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

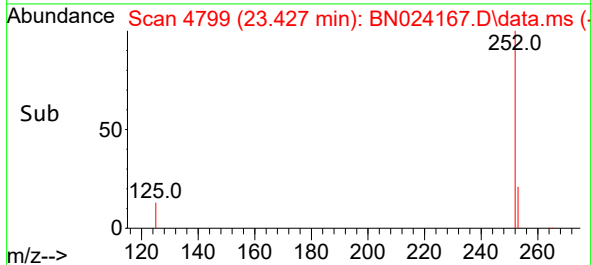
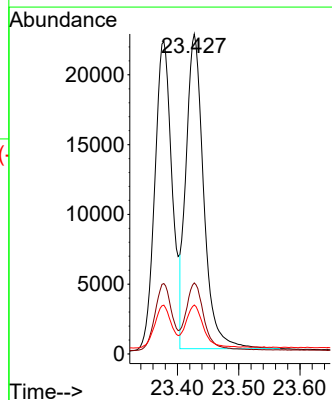
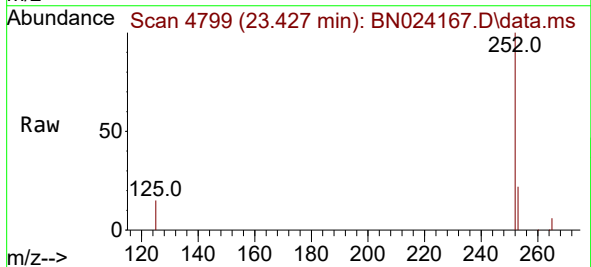
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

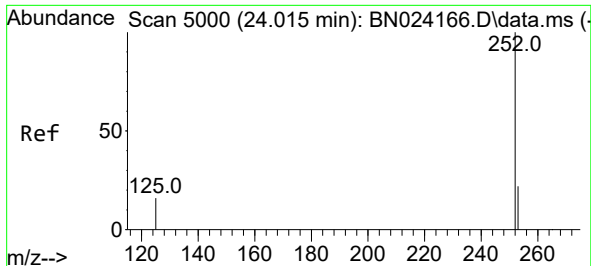
Tgt Ion:252 Resp: 43917
Ion Ratio Lower Upper
252 100
253 22.5 0.0 46.2
125 15.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.773 ng/ul
RT: 23.427 min Scan# 4799
Delta R.T. 0.018 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:252 Resp: 45054
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 15.3 13.2 19.8

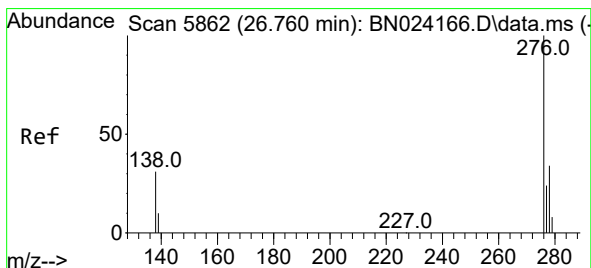
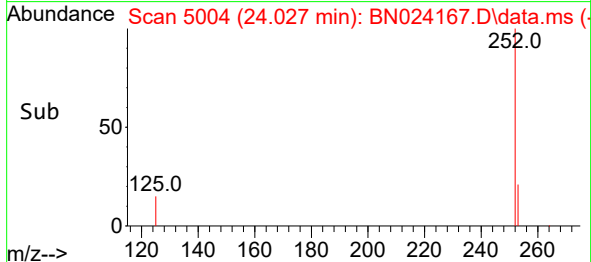
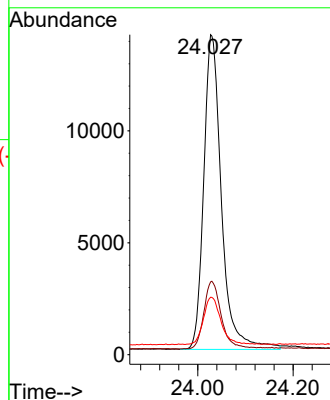
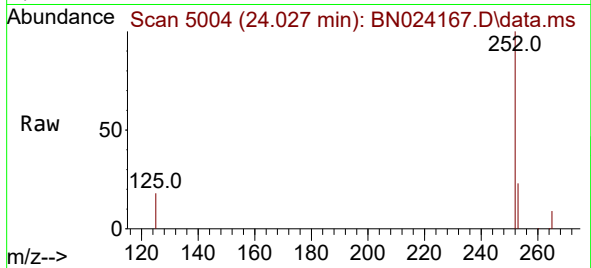




#26
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 24.027 min Scan# 5004
Delta R.T. 0.012 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

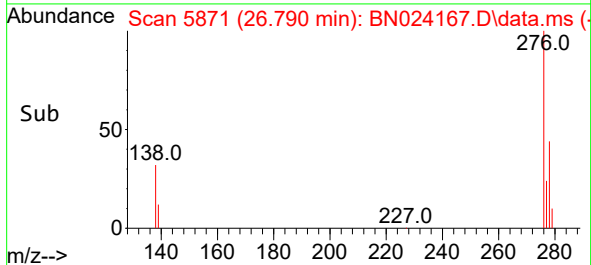
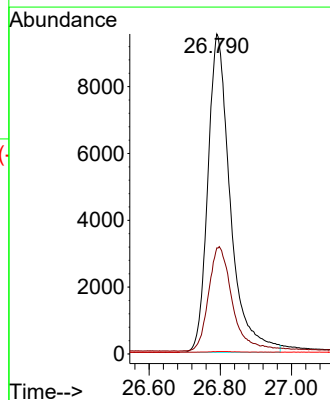
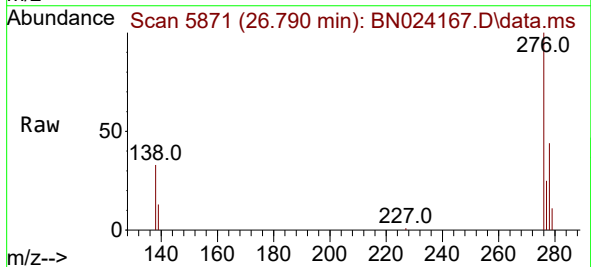
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

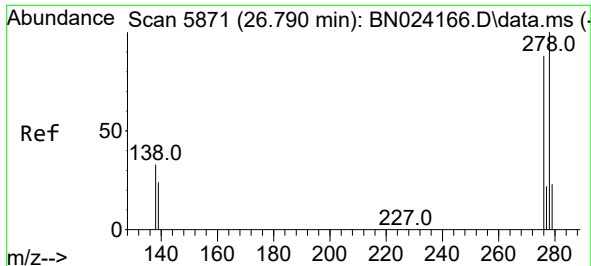
Tgt Ion:252 Resp: 36339
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 18.0 15.8 23.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.598 ng/ul
RT: 26.790 min Scan# 5871
Delta R.T. 0.030 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:276 Resp: 41675
Ion Ratio Lower Upper
276 100
138 34.9 0.0 0.0#
227 0.2 0.0 0.0#

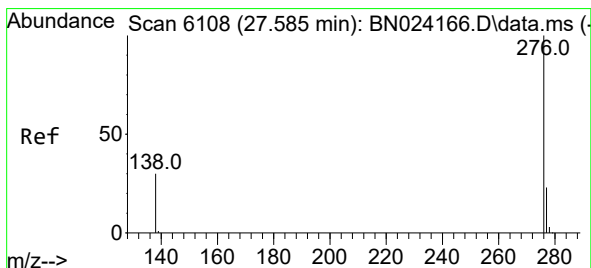
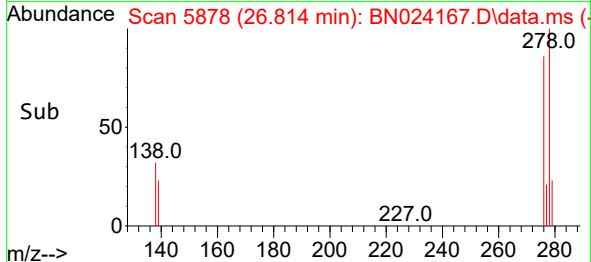
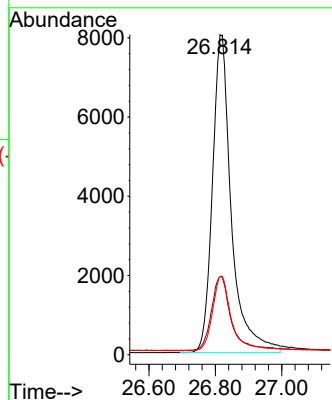
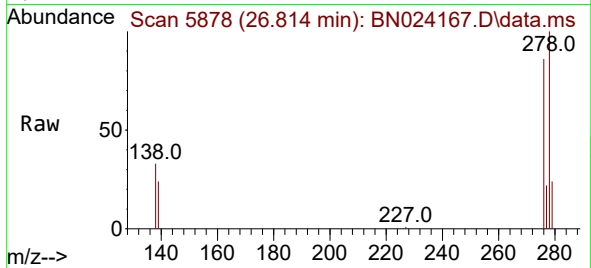




#28
Dibenzo(a,h)anthracene
Concen: 0.570 ng/ul
RT: 26.814 min Scan# 5878
Delta R.T. 0.024 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

Tgt Ion:278 Resp: 31790
Ion Ratio Lower Upper
278 100
139 24.3 21.0 31.6
279 24.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.633 ng/ul
RT: 27.602 min Scan# 6113
Delta R.T. 0.017 min
Lab File: BN024167.D
Acq: 08 Mar 2023 14:21

Tgt Ion:276 Resp: 36293
Ion Ratio Lower Upper
276 100
138 30.8 25.2 37.8
277 24.2 19.4 29.2

