

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024656.D
 Acq On : 30 Mar 2023 23:13
 Operator : CG/JU
 Sample : 02038-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EYF73MS

Quant Time: Mar 31 02:13:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 02:10:21 2023
 Response via : Initial Calibration

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

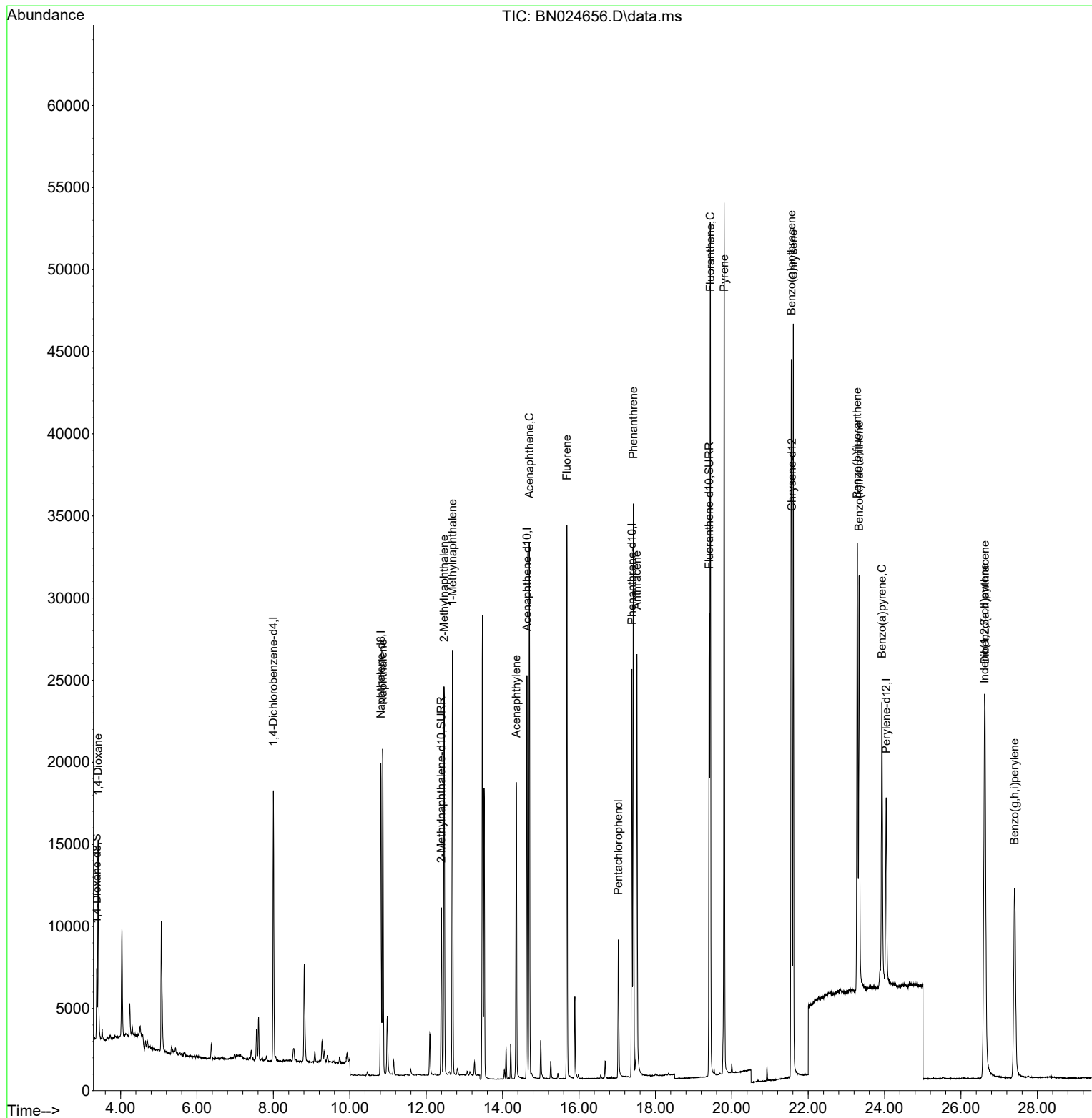
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	8428	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	24906	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13378	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.384	188	28495	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	21311	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	16873	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	2550	0.295	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	12969	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	29598	0.568	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	7739	0.850	ng/ul	97
5) Naphthalene	10.861	128	27066	0.443	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	16836	0.442	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	17582	0.441	ng/ul	100
10) Acenaphthylene	14.356	152	21101	0.446	ng/ul	99
11) Acenaphthene	14.698	153	18701	0.456	ng/ul	99
12) Fluorene	15.684	166	21165	0.452	ng/ul	100
14) Pentachlorophenol	17.033	266	5861	0.951	ng/ul	99
15) Phenanthrene	17.426	178	36900	0.472	ng/ul	100
16) Anthracene	17.515	178	30121	0.462	ng/ul	100
19) Fluoranthene	19.436	202	43005	0.573	ng/ul	98
20) Pyrene	19.799	202	43871	0.574	ng/ul	97
21) Benzo(a)anthracene	21.557	228	35915	0.561	ng/ul	99
22) Chrysene	21.609	228	39650	0.563	ng/ul	100
24) Benzo(b)fluoranthene	23.284	252	36946	0.527	ng/ul	99
25) Benzo(k)fluoranthene	23.334	252	35581	0.528	ng/ul	99
26) Benzo(a)pyrene	23.930	252	28887	0.524	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.613	276	32944	0.502	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.629	278	26085	0.496	ng/ul	99
29) Benzo(g,h,i)perylene	27.401	276	28065	0.497	ng/ul	99

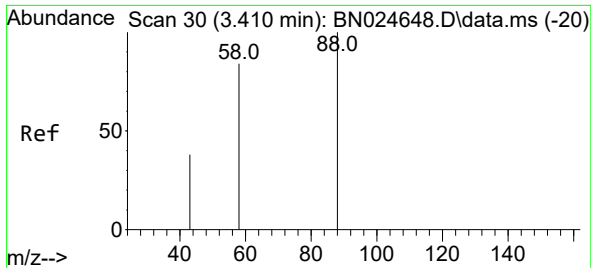
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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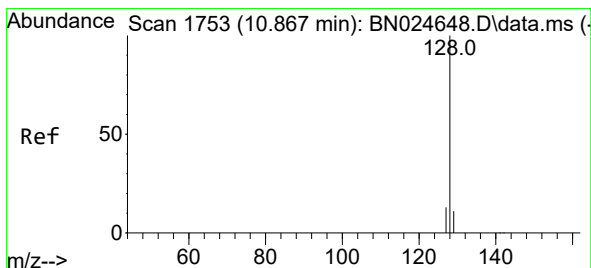
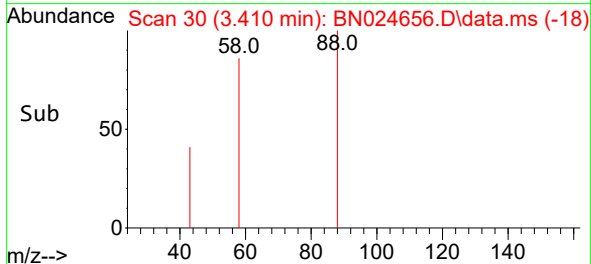
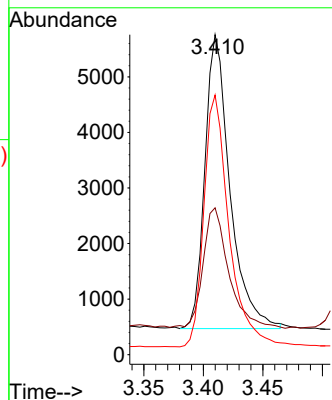
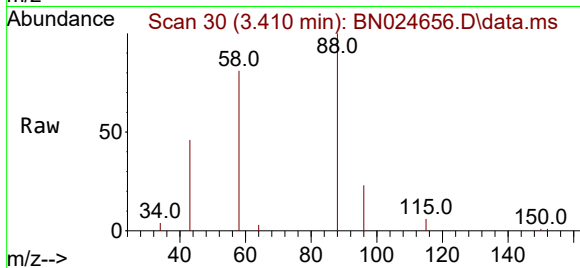




#2
 1,4-Dioxane
 Concen: 0.850 ng/ul
 RT: 3.410 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN024656.D
 Acq: 30 Mar 2023 23:13

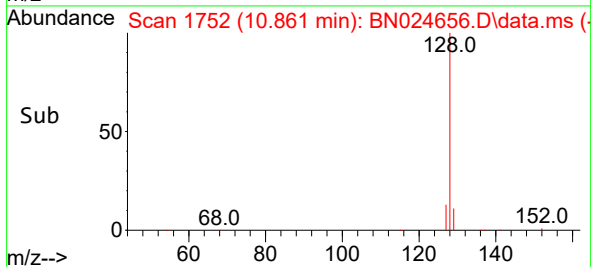
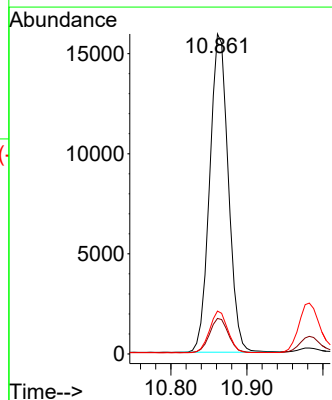
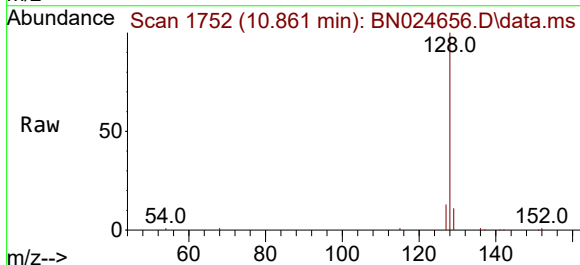
Instrument :
 BNA_N
 ClientSampleId :
 EYF73MS

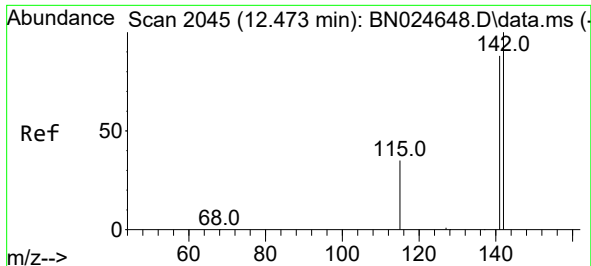
Tgt Ion: 88 Resp: 7739
 Ion Ratio Lower Upper
 88 100
 43 45.9 37.2 55.8
 58 81.1 61.5 92.3



#5
 Naphthalene
 Concen: 0.443 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN024656.D
 Acq: 30 Mar 2023 23:13

Tgt Ion: 128 Resp: 27066
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.0 13.6
 127 13.4 10.5 15.7

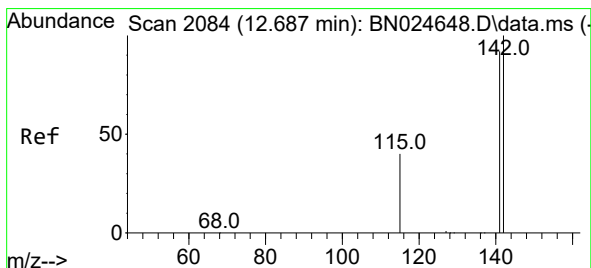
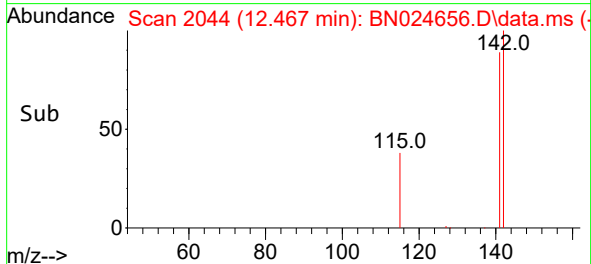
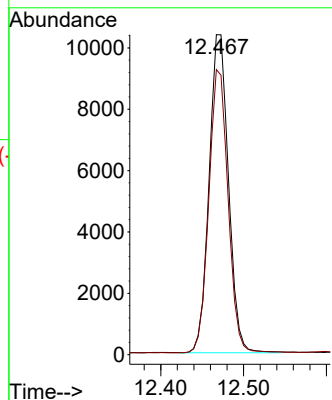
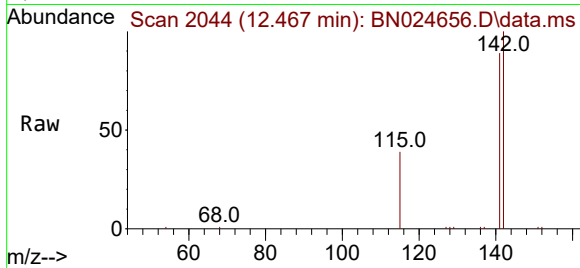




#7
2-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

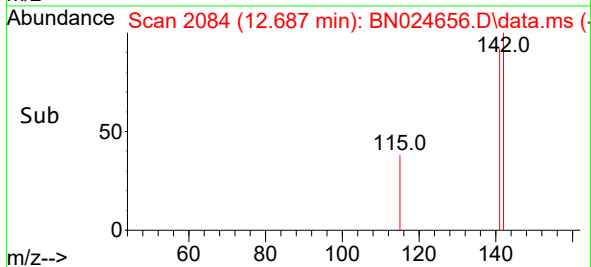
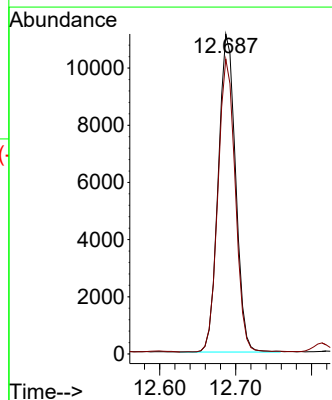
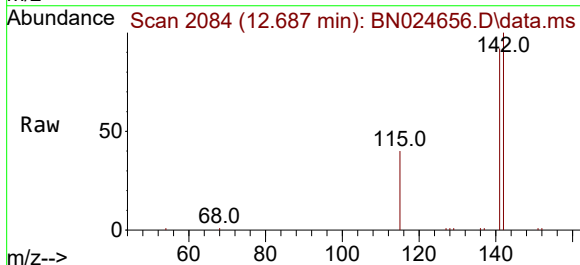
Instrument :
BNA_N
ClientSampleId :
EYF73MS

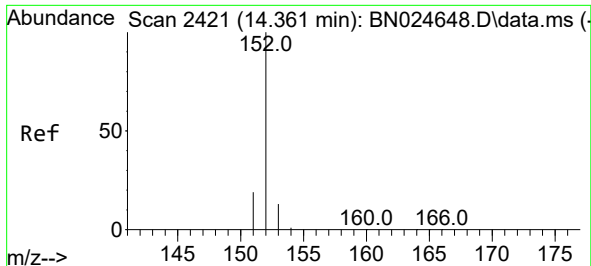
Tgt Ion:142 Resp: 16836
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:142 Resp: 17582
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

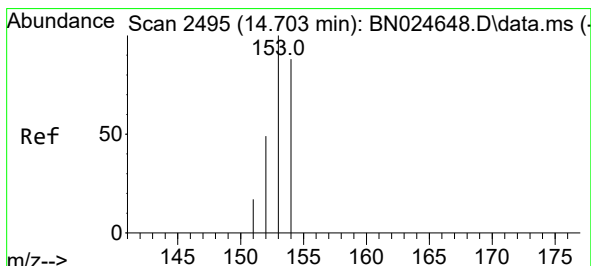
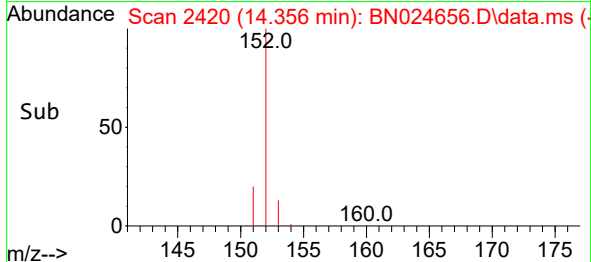
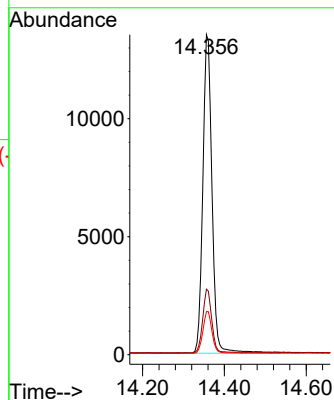
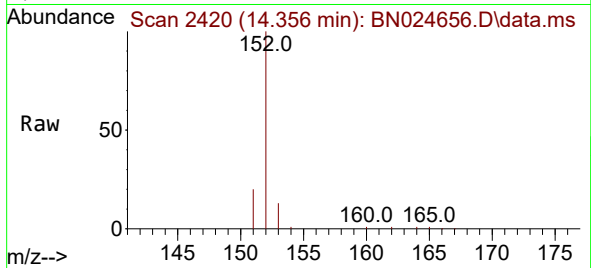




#10
Acenaphthylene
Concen: 0.446 ng/ul
RT: 14.356 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

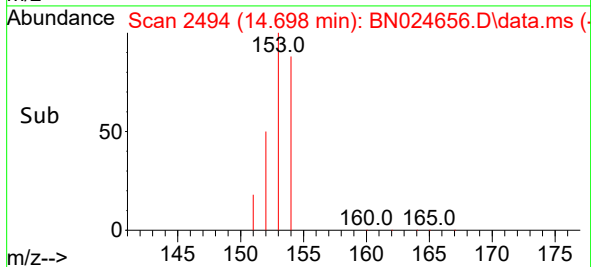
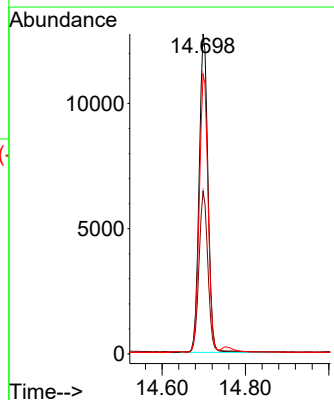
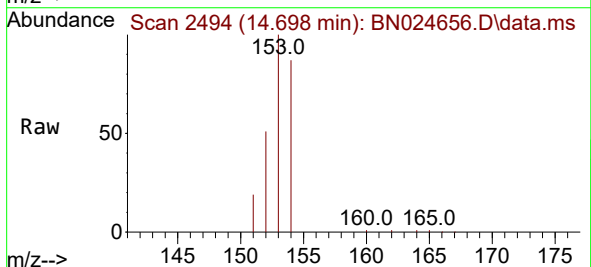
Instrument :
BNA_N
ClientSampleId :
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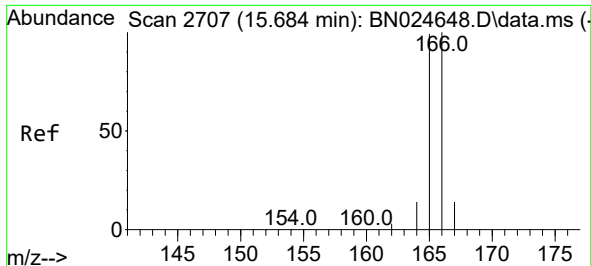
Tgt Ion:152 Resp: 21101
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.4 10.6 16.0



#11
Acenaphthene
Concen: 0.456 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. -0.005 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:153 Resp: 18701
Ion Ratio Lower Upper
153 100
152 50.9 40.3 60.5
154 87.5 71.0 106.4

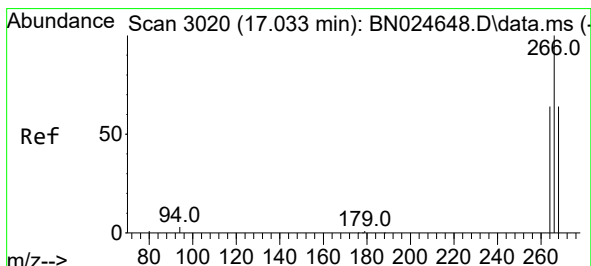
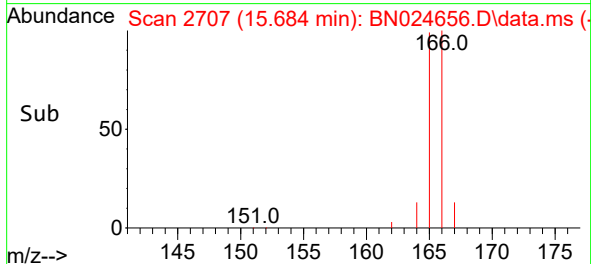
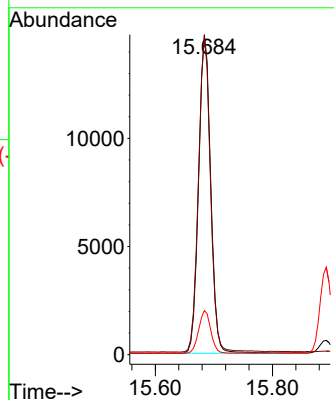
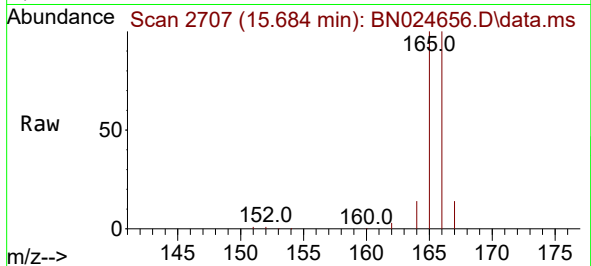




#12
 Fluorene
 Concen: 0.452 ng/ul
 RT: 15.684 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN024656.D
 Acq: 30 Mar 2023 23:13

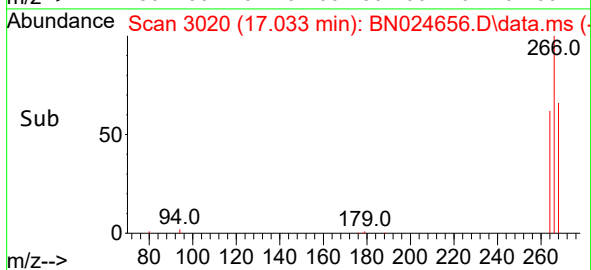
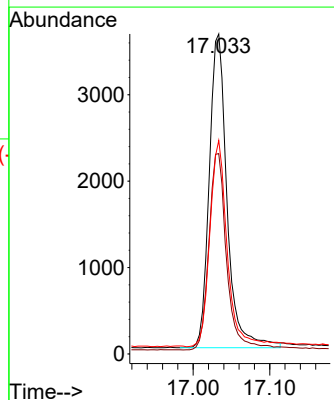
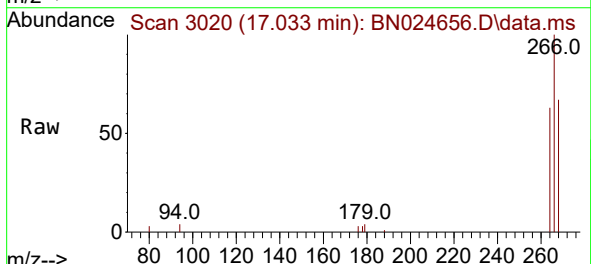
Instrument :
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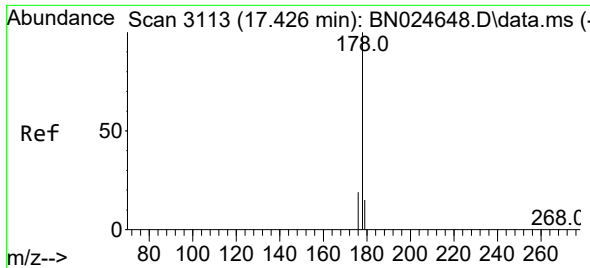
Tgt Ion:166	Resp:	21165
Ion Ratio	Lower	Upper
166	100	
165	99.7	80.0 120.0
167	13.8	10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.951 ng/ul
 RT: 17.033 min Scan# 3020
 Delta R.T. 0.000 min
 Lab File: BN024656.D
 Acq: 30 Mar 2023 23:13

Tgt Ion:266	Resp:	5861
Ion Ratio	Lower	Upper
266	100	
264	62.9	49.6 74.4
268	65.1	52.6 78.8

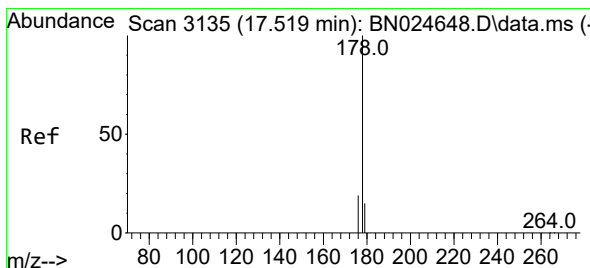
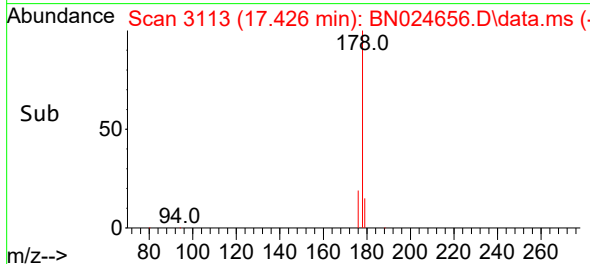
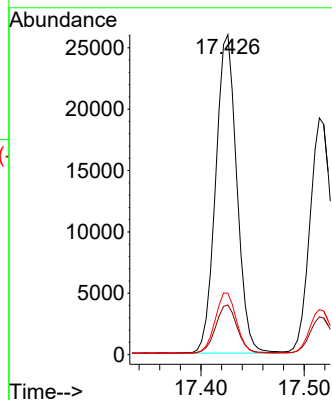
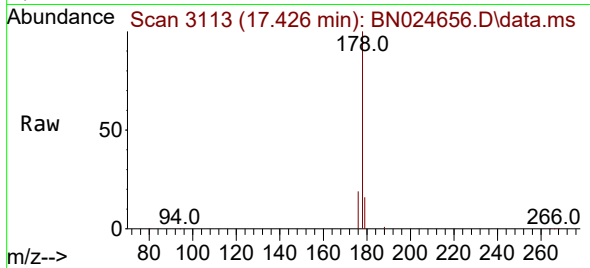




#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.426 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

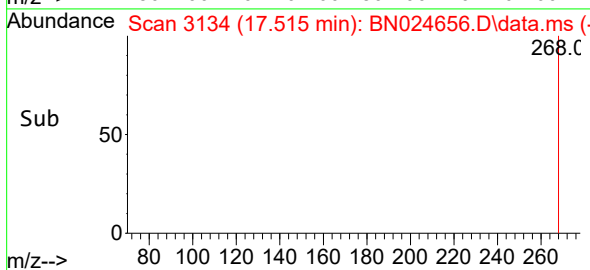
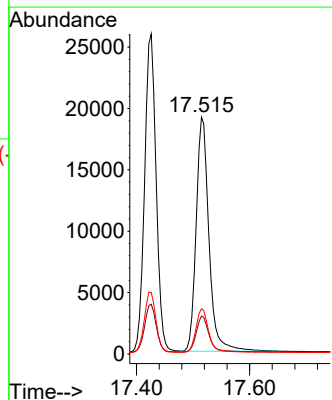
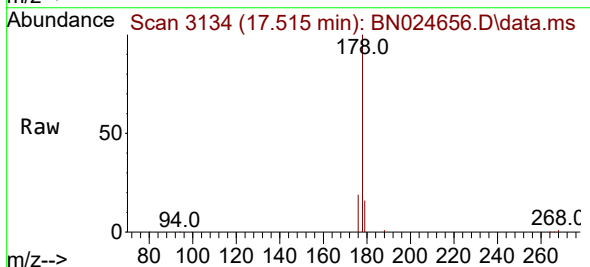
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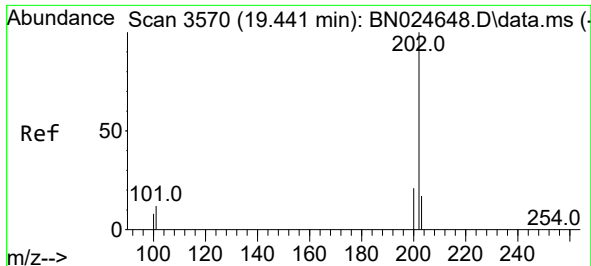
Tgt Ion:178 Resp: 36900
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.462 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:178 Resp: 30121
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.1 15.2 22.8

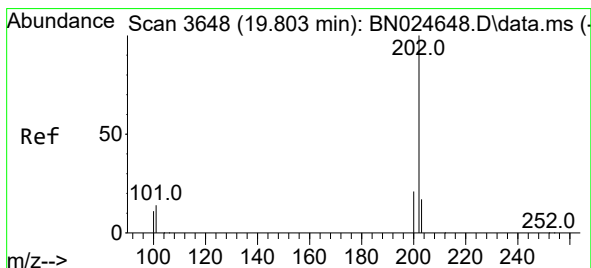
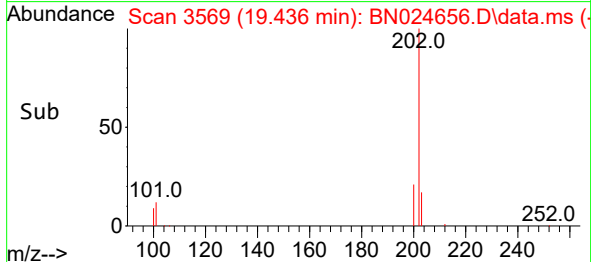
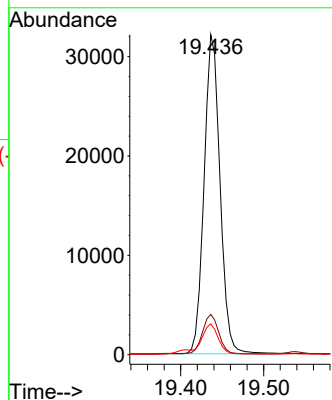
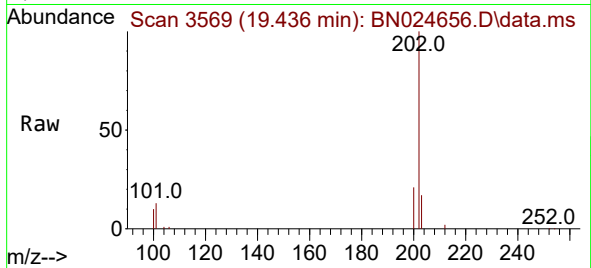




#19
Fluoranthene
Concen: 0.573 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. -0.005 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

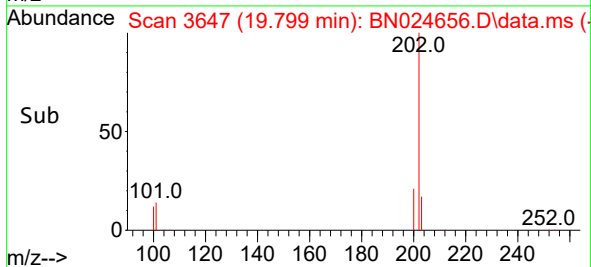
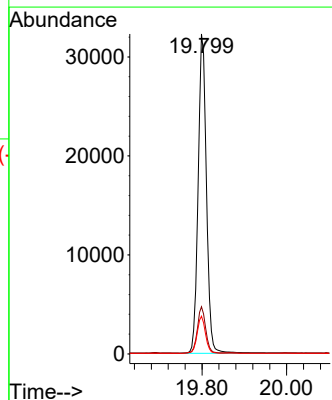
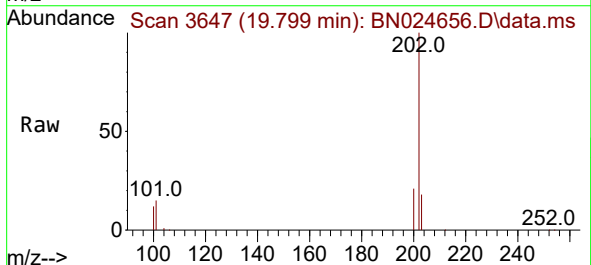
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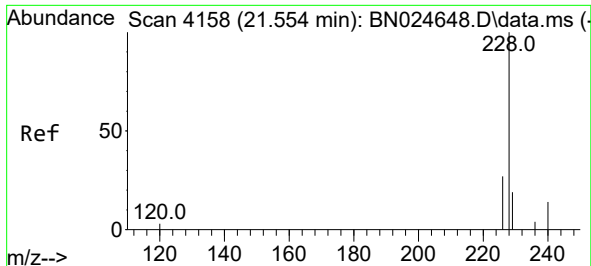
Tgt Ion:202 Resp: 43005
Ion Ratio Lower Upper
202 100
101 12.6 9.6 14.4
100 9.7 7.0 10.6



#20
Pyrene
Concen: 0.574 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:202 Resp: 43871
Ion Ratio Lower Upper
202 100
101 14.7 10.9 16.3
100 11.8 8.7 13.1

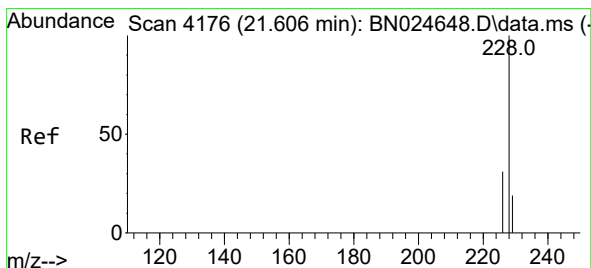
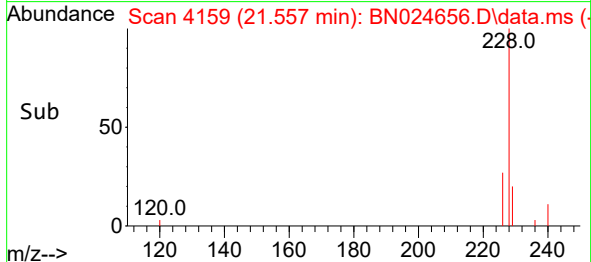
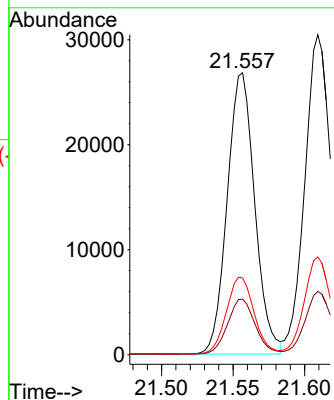
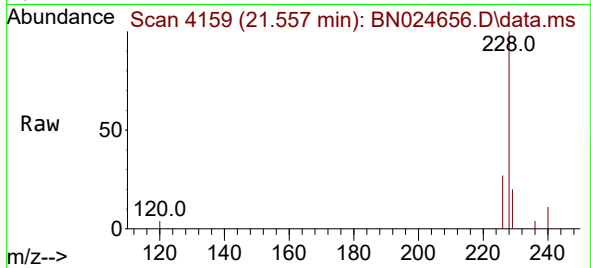




#21
Benzo(a)anthracene
Concen: 0.561 ng/ul
RT: 21.557 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

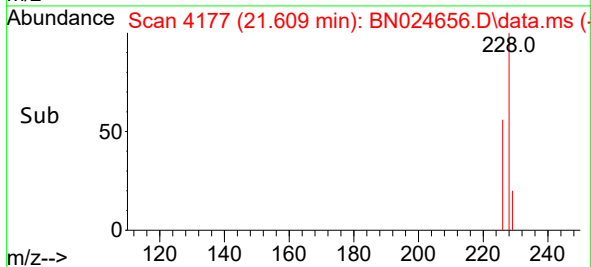
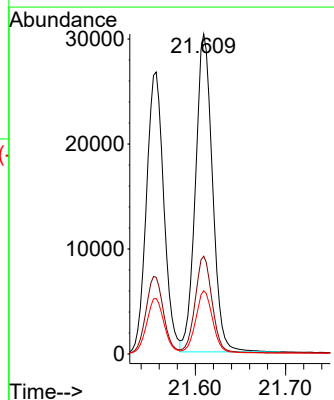
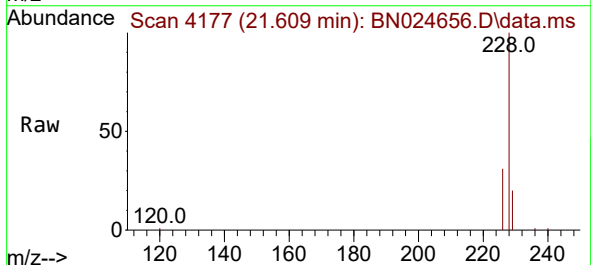
Instrument :
BNA_N
ClientSampleId :
EYF73MS

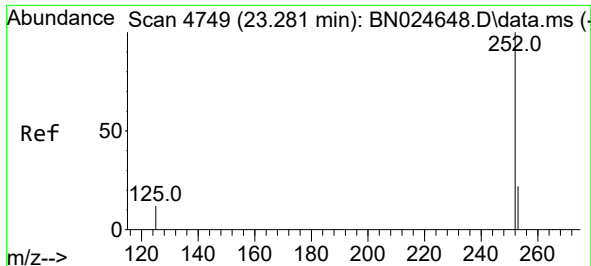
Tgt Ion:228 Resp: 35915
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.2 22.5 33.7



#22
Chrysene
Concen: 0.563 ng/ul
RT: 21.609 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

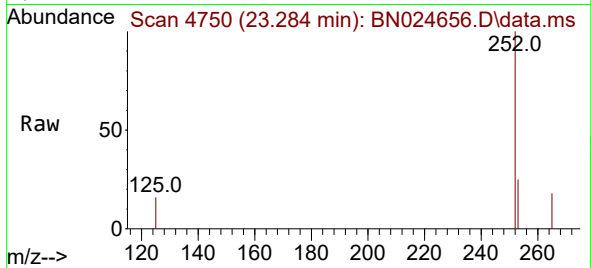
Tgt Ion:228 Resp: 39650
Ion Ratio Lower Upper
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226 30.6 24.6 37.0
229 19.8 15.6 23.4



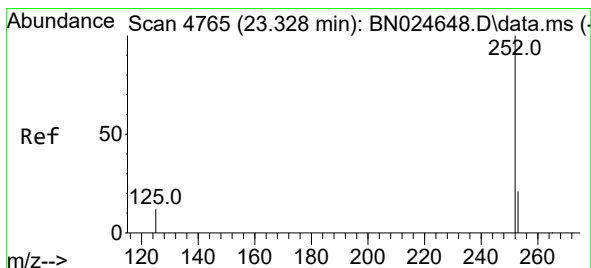
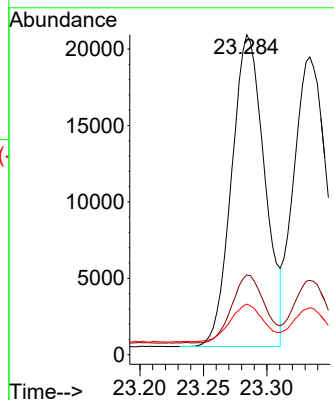


#24
Benzo(b)fluoranthene
Concen: 0.527 ng/ul
RT: 23.284 min Scan# 4750
Delta R.T. 0.003 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Instrument :
BNA_N
ClientSampleId :
EYF73MS

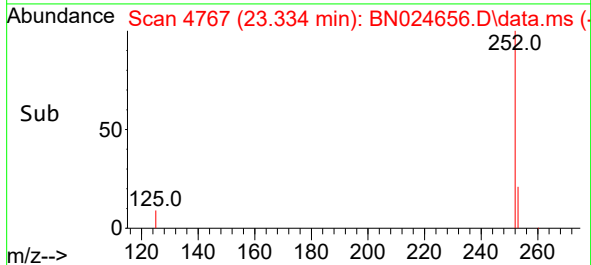
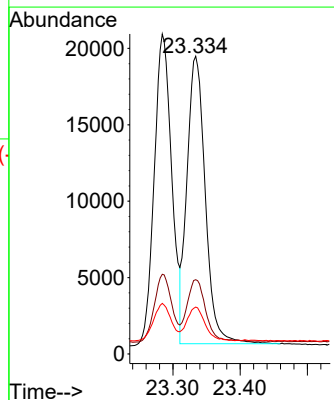
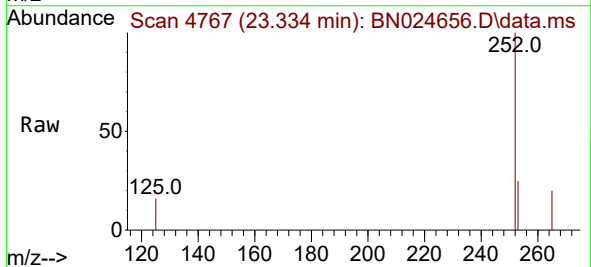


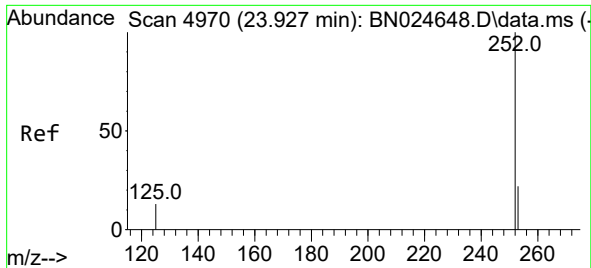
Tgt Ion:252 Resp: 36946
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.6
125 15.8 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.528 ng/ul
RT: 23.334 min Scan# 4767
Delta R.T. 0.006 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:252 Resp: 35581
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.2
125 15.7 13.1 19.7

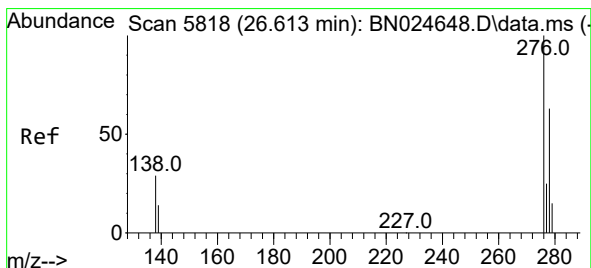
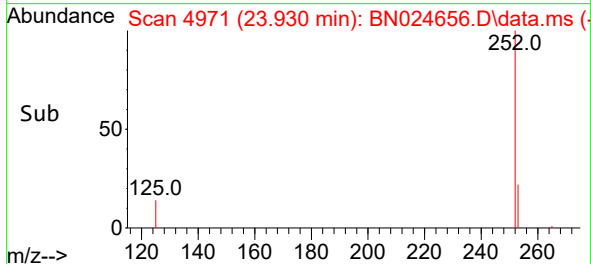
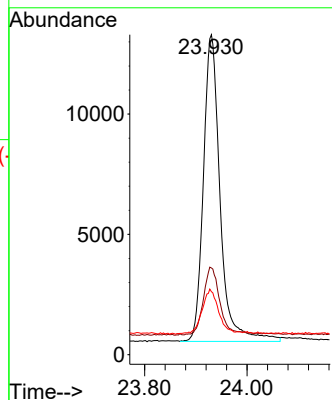
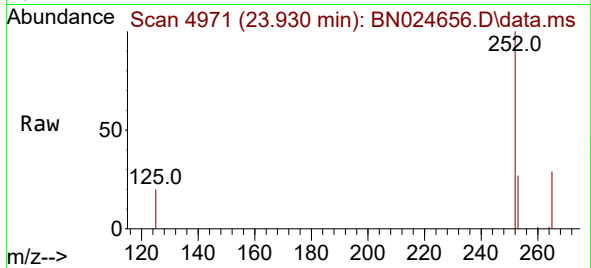




#26
Benzo(a)pyrene
Concen: 0.524 ng/ul
RT: 23.930 min Scan# 4970
Delta R.T. 0.003 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

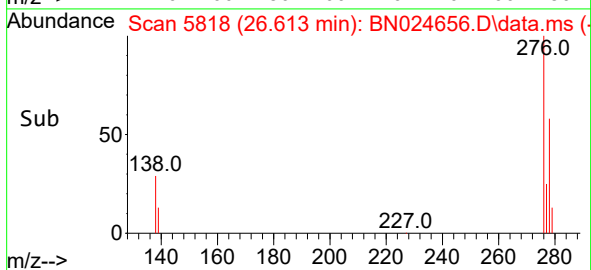
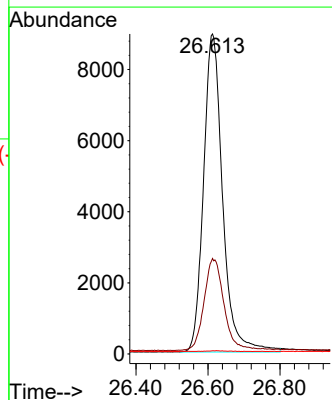
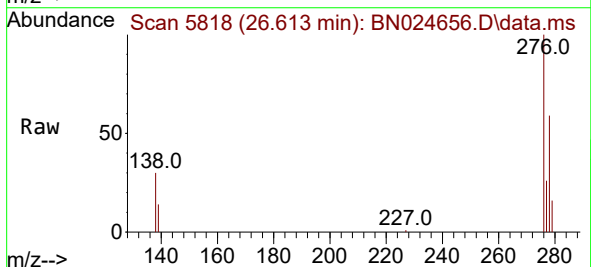
Instrument :
BNA_N
ClientSampleId :
EYF73MS

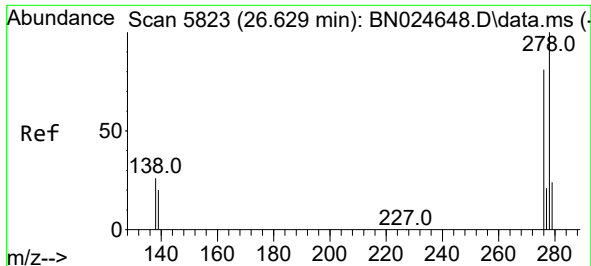
Tgt Ion:252 Resp: 28887
Ion Ratio Lower Upper
252 100
253 27.1 21.8 32.8
125 19.7 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng/ul
RT: 26.613 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:276 Resp: 32944
Ion Ratio Lower Upper
276 100
138 30.3 24.6 36.8
227 0.1 0.1 0.1#

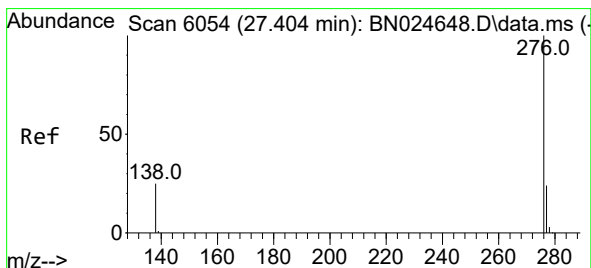
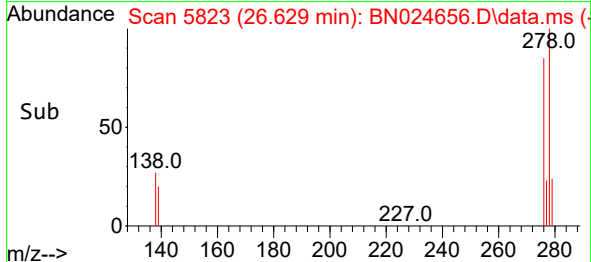
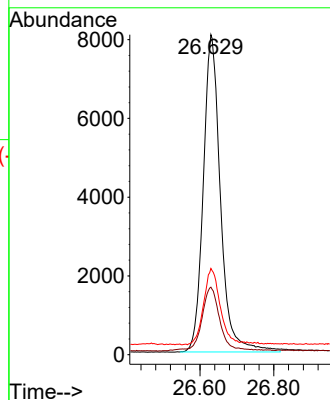
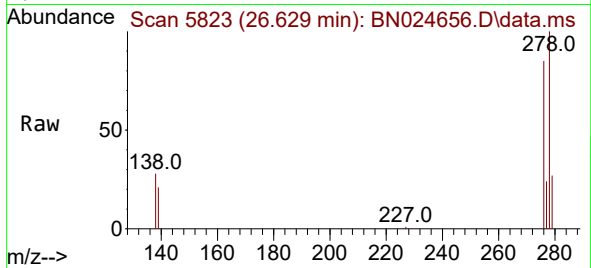




#28
Dibenzo(a,h)anthracene
Concen: 0.496 ng/ul
RT: 26.629 min Scan# 5823
Delta R.T. 0.000 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Instrument :
BNA_N
ClientSampleId :
EYF73MS

Tgt Ion:278 Resp: 26085
Ion Ratio Lower Upper
278 100
139 21.1 16.5 24.7
279 27.0 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 27.401 min Scan# 6053
Delta R.T. -0.003 min
Lab File: BN024656.D
Acq: 30 Mar 2023 23:13

Tgt Ion:276 Resp: 28065
Ion Ratio Lower Upper
276 100
138 26.9 21.4 32.2
277 24.2 19.8 29.6

