

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041323\
 Data File : BN024855.D
 Acq On : 13 Apr 2023 10:46
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4267

Quant Time: Apr 14 02:19:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 02:44:00 2023
 Response via : Initial Calibration

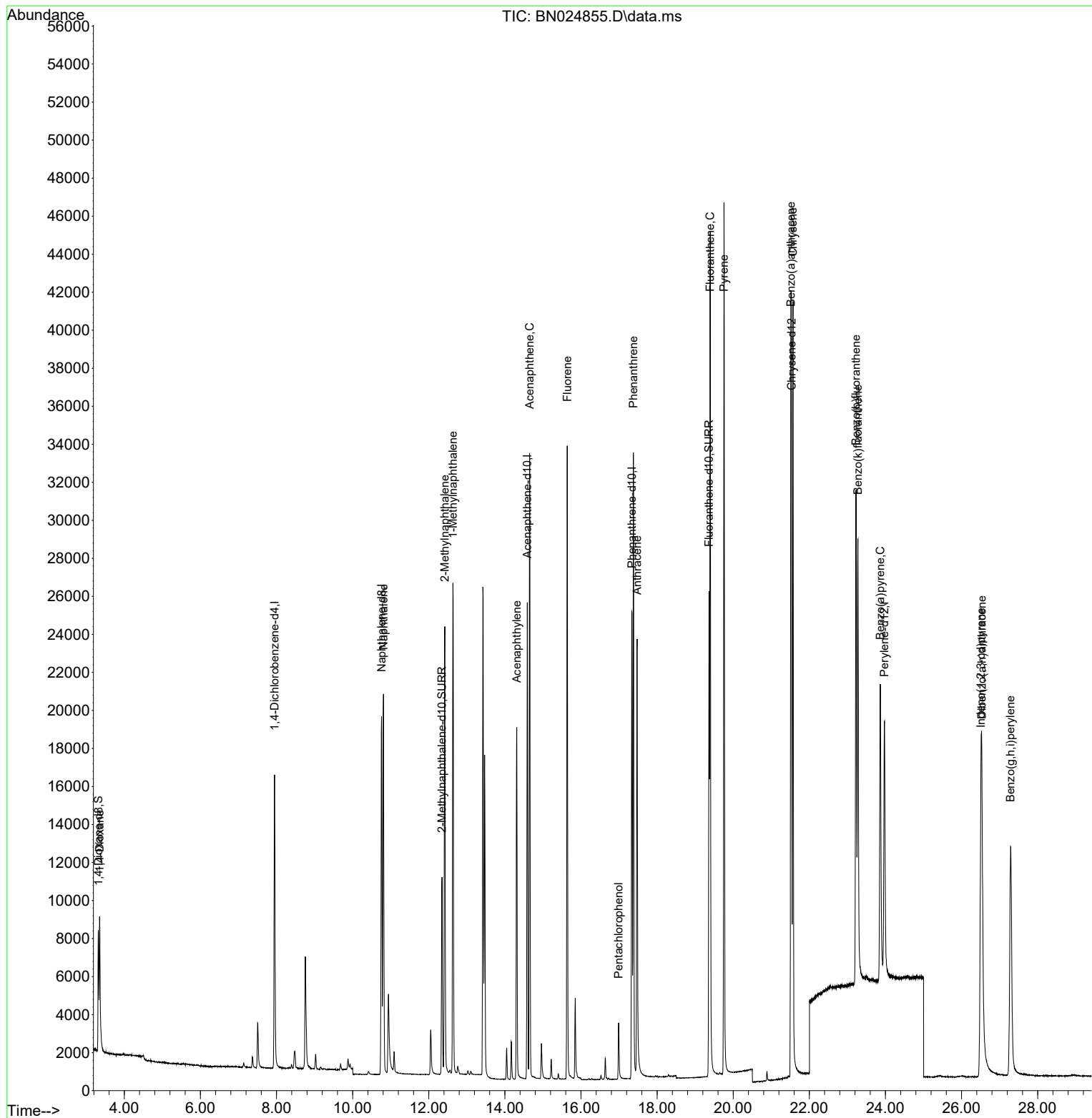
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8742	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	25010	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	13312	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	29037	0.400	ng/ul	0.00
17) Chrysene-d12	21.531	240	23959	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	20669	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	4246	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	13771	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	28081	0.472	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	4658	0.443	ng/ul	98
5) Naphthalene	10.809	128	28096	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.420	142	17106	0.432	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	17973	0.428	ng/ul	99
10) Acenaphthylene	14.311	152	21511	0.431	ng/ul	100
11) Acenaphthene	14.649	153	19012	0.444	ng/ul	100
12) Fluorene	15.639	166	21297	0.444	ng/ul	98
14) Pentachlorophenol	16.988	266	2254	0.364	ng/ul	99
15) Phenanthrene	17.376	178	35310	0.432	ng/ul	99
16) Anthracene	17.473	178	28691	0.422	ng/ul	99
19) Fluoranthene	19.395	202	39026	0.473	ng/ul	100
20) Pyrene	19.758	202	39773	0.470	ng/ul	99
21) Benzo(a)anthracene	21.514	228	33176	0.438	ng/ul	100
22) Chrysene	21.569	228	36953	0.451	ng/ul	100
24) Benzo(b)fluoranthene	23.227	252	34938	0.421	ng/ul	99
25) Benzo(k)fluoranthene	23.276	252	35133	0.434	ng/ul	100
26) Benzo(a)pyrene	23.864	252	27645	0.402	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.507	276	31572	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.533	278	24190	0.380	ng/ul	98
29) Benzo(g,h,i)perylene	27.288	276	30140	0.439	ng/ul	100

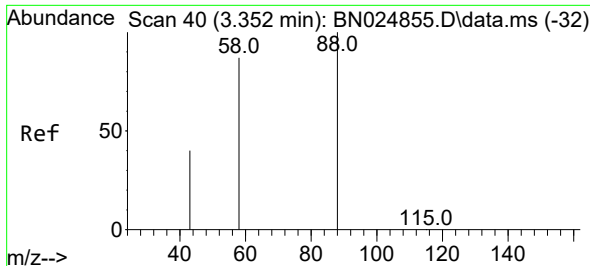
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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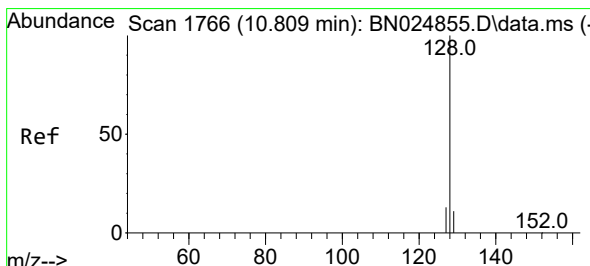
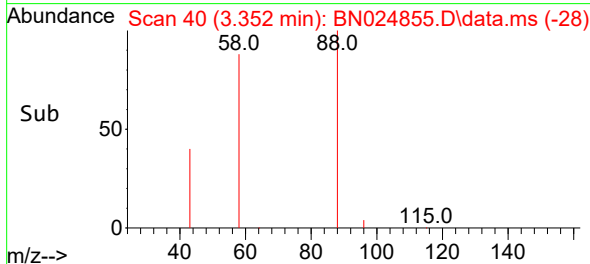
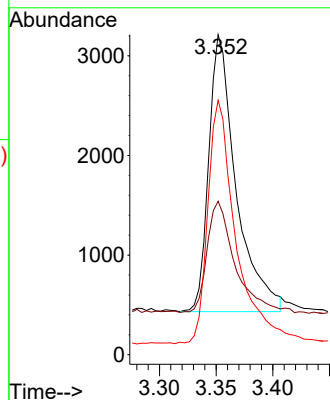
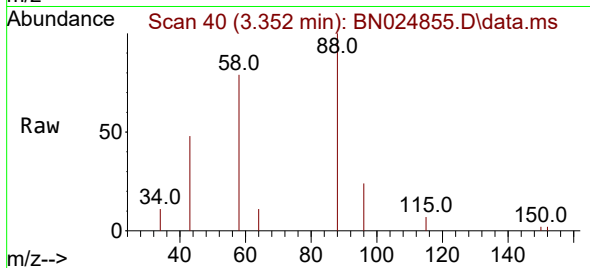




#2
1,4-Dioxane
Concen: 0.443 ng/ul
RT: 3.352 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

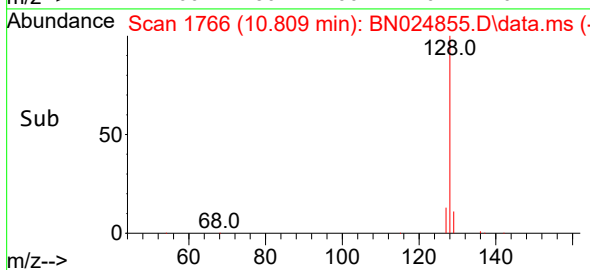
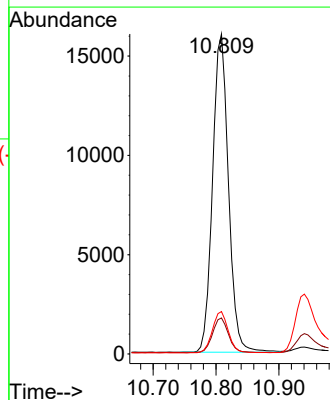
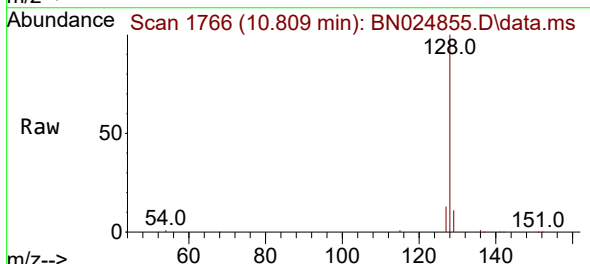
Instrument :
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ClientSampleId :
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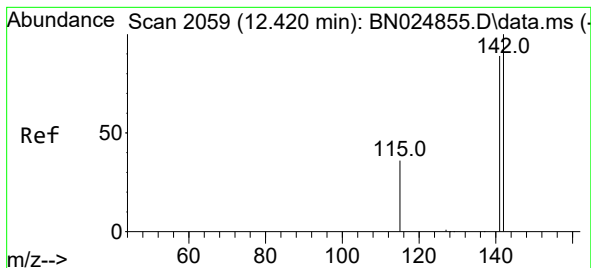
Tgt Ion: 88 Resp: 4658
Ion Ratio Lower Upper
88 100
43 47.9 39.1 58.7
58 79.5 65.7 98.5



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion: 128 Resp: 28096
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.5 15.7

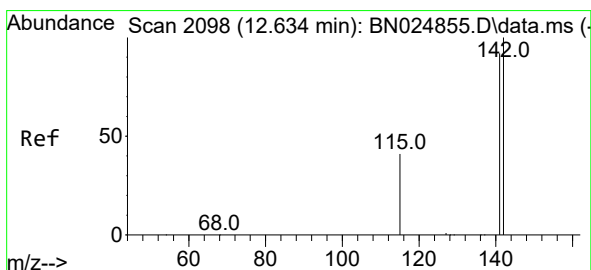
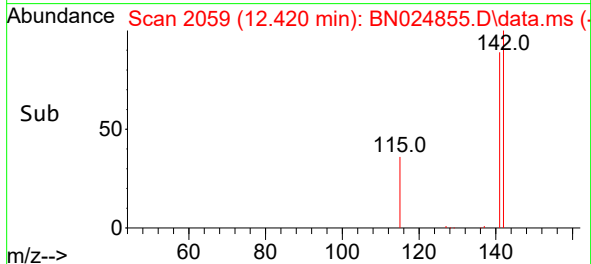
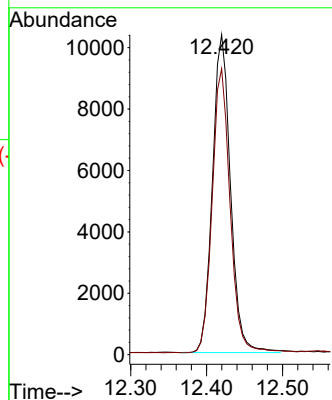
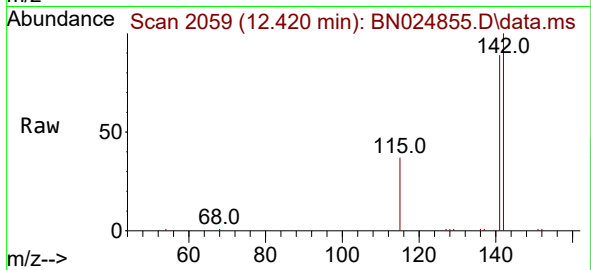




#7
2-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

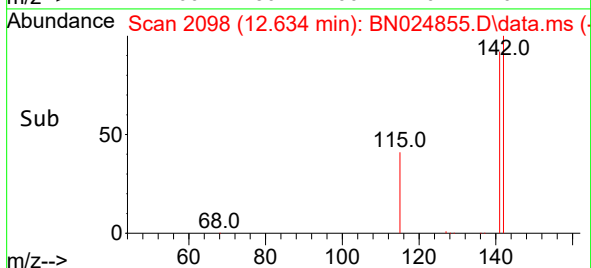
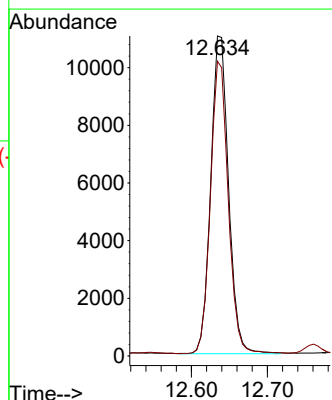
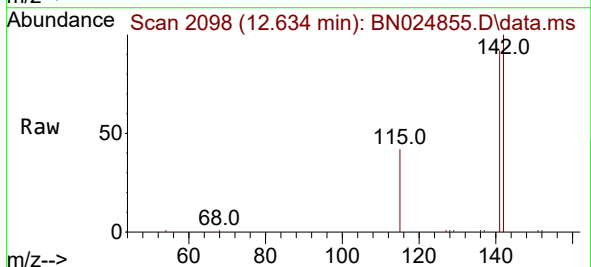
Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

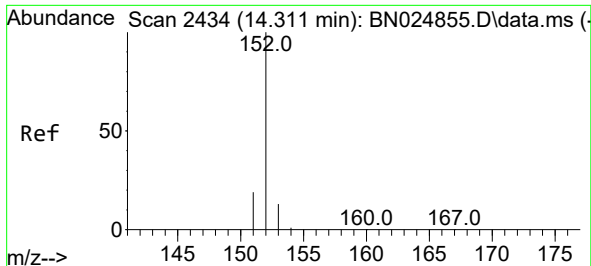
Tgt Ion:142 Resp: 17106
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.004 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:142 Resp: 17973
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0

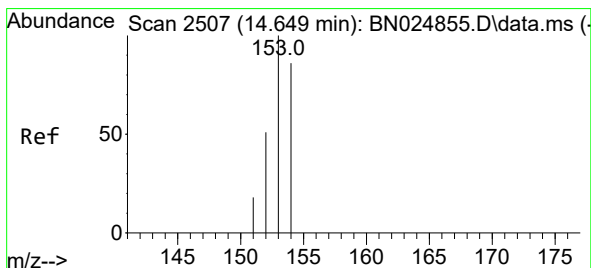
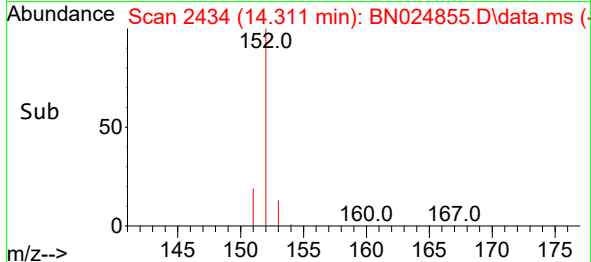
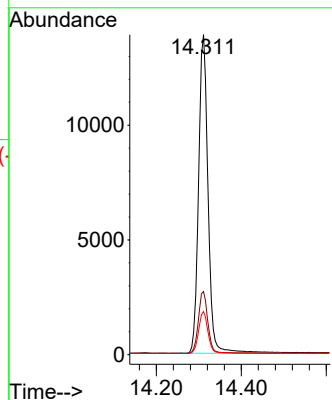
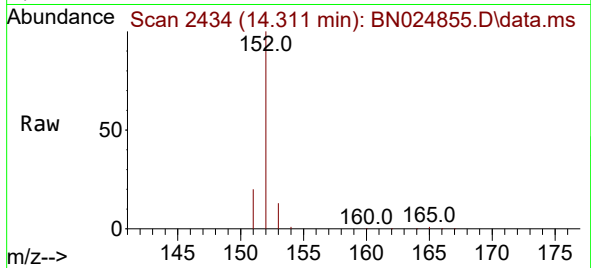




#10
Acenaphthylene
Concen: 0.431 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

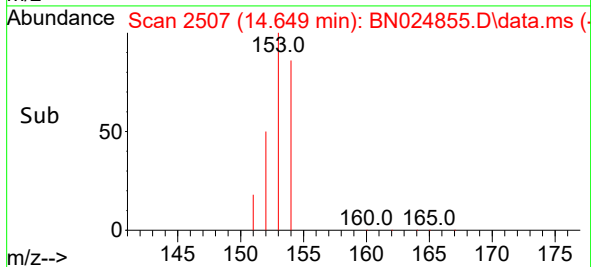
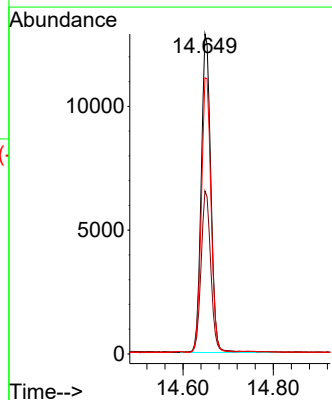
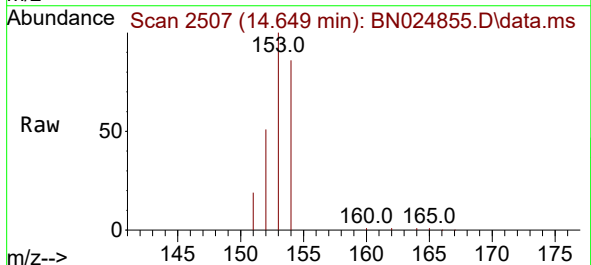
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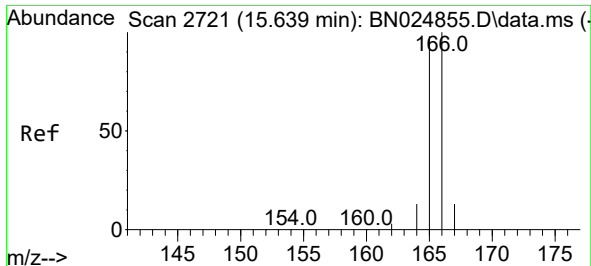
Tgt Ion:152 Resp: 21511
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.444 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.004 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:153 Resp: 19012
Ion Ratio Lower Upper
153 100
152 51.0 40.7 61.1
154 86.3 69.4 104.2

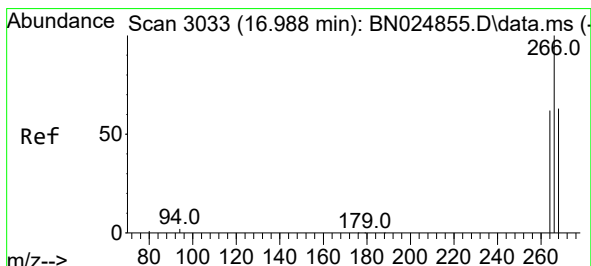
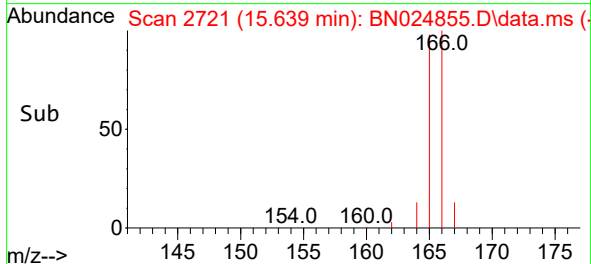
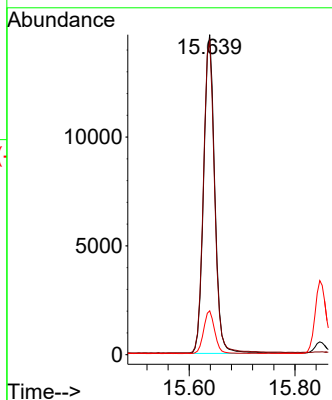
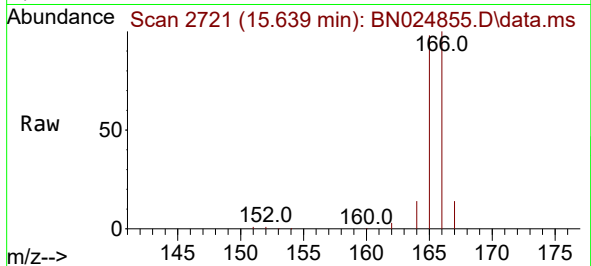




#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.639 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

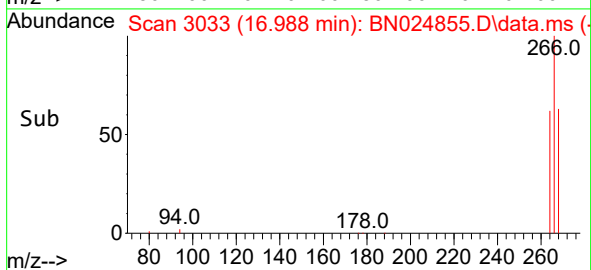
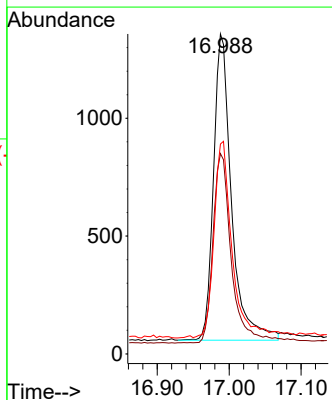
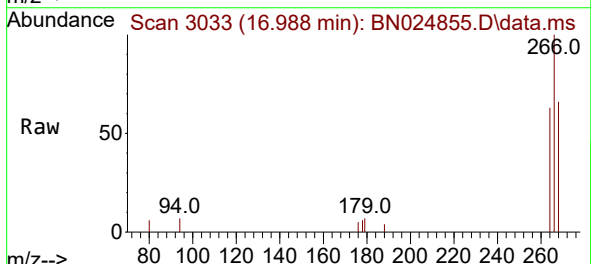
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ClientSampleId :
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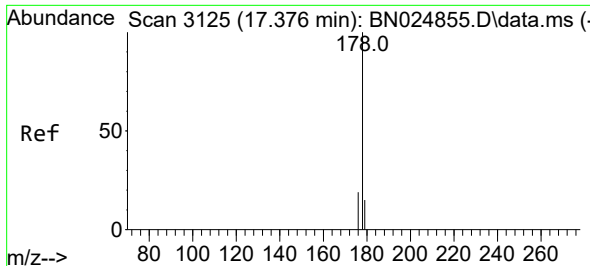
Tgt Ion:166 Resp: 21297
Ion Ratio Lower Upper
166 100
165 98.0 80.1 120.1
167 13.7 10.7 16.1



#14
Pentachlorophenol
Concen: 0.364 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:266 Resp: 2254
Ion Ratio Lower Upper
266 100
264 62.9 51.2 76.8
268 64.8 51.4 77.2

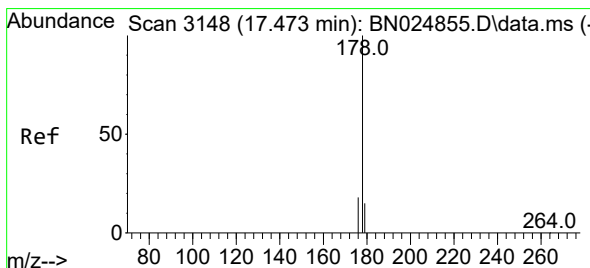
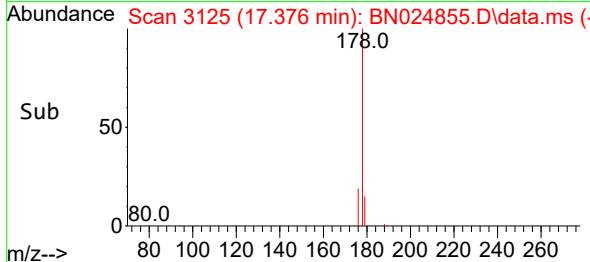
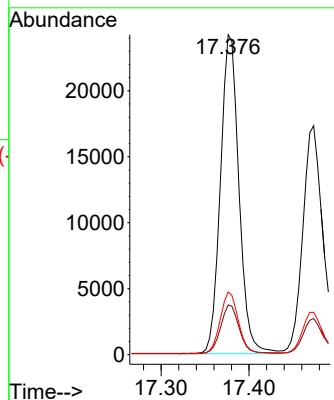
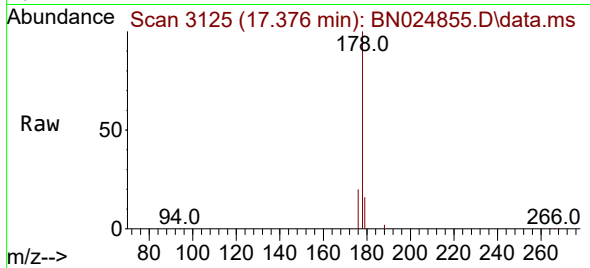




#15
Phenanthrene
Concen: 0.432 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

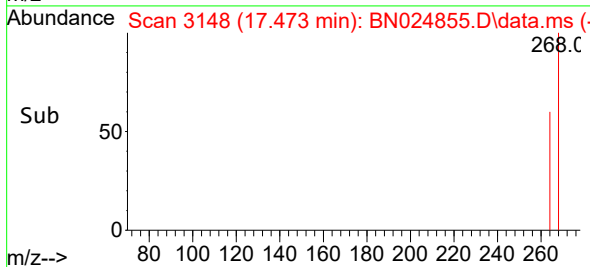
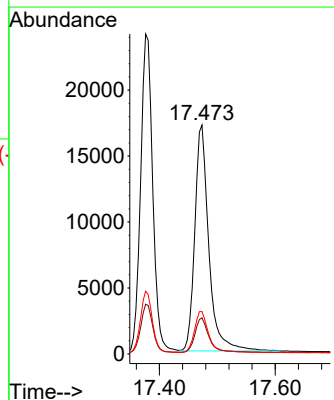
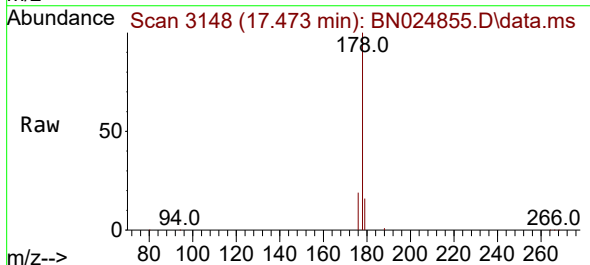
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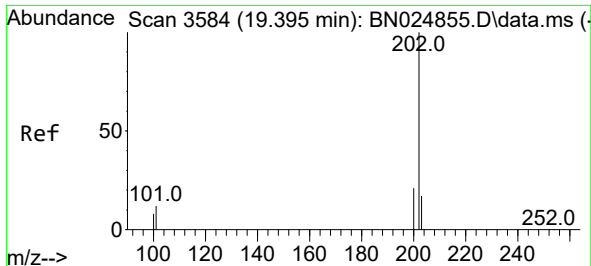
Tgt Ion:178 Resp: 35310
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.6 15.4 23.0



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:178 Resp: 28691
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.5 14.7 22.1

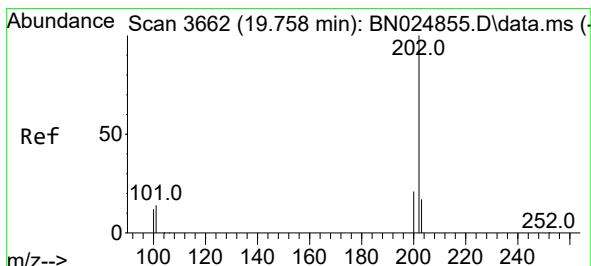
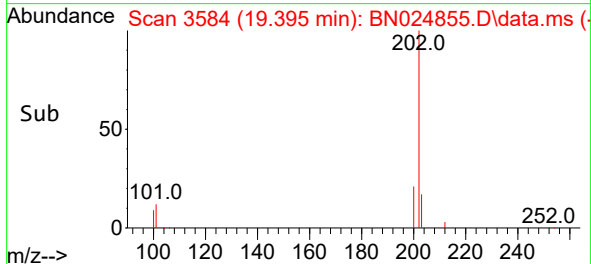
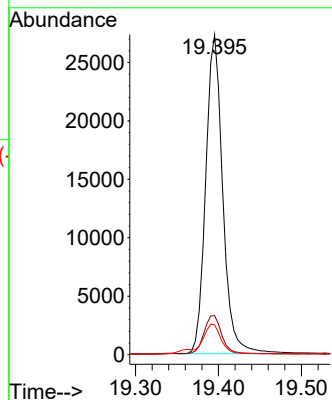
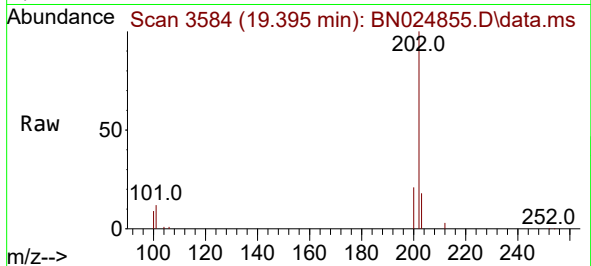




#19
Fluoranthene
Concen: 0.473 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. 0.001 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

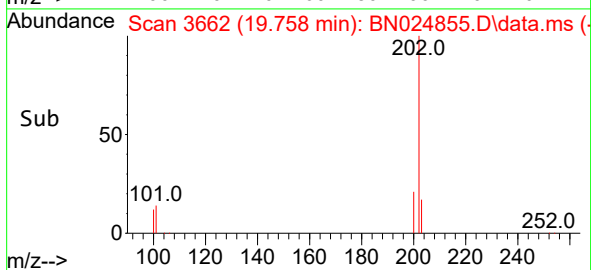
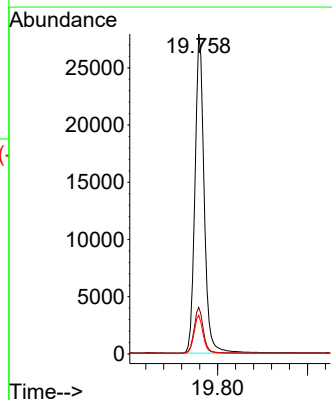
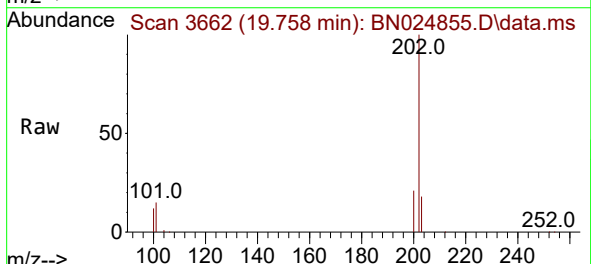
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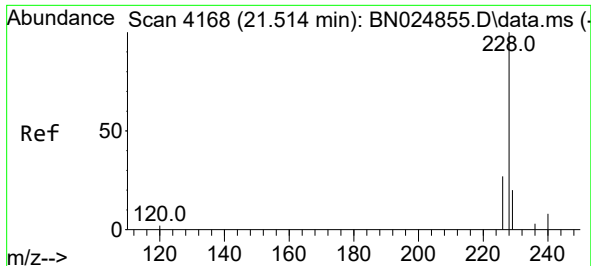
Tgt Ion:202 Resp: 39026
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.4 7.5 11.3



#20
Pyrene
Concen: 0.470 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.004 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:202 Resp: 39773
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.8
100 12.1 9.5 14.3

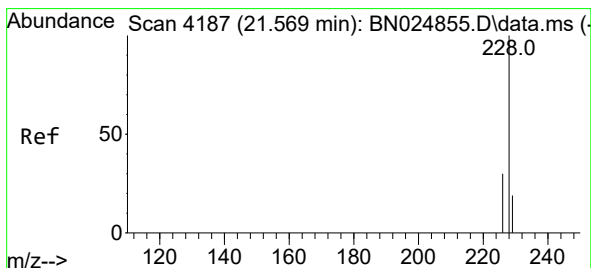
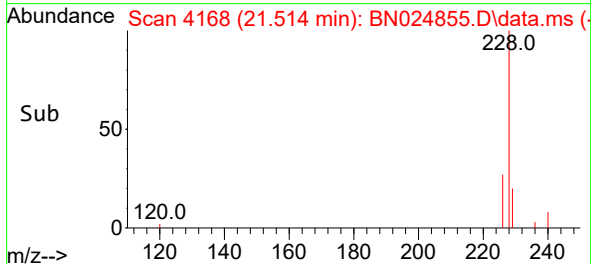
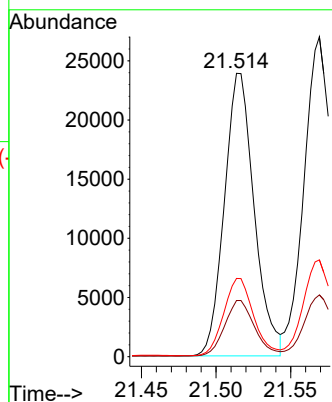
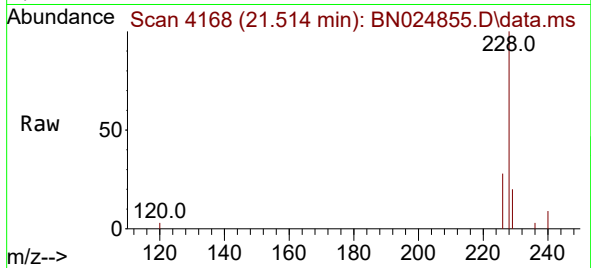




#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.005 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

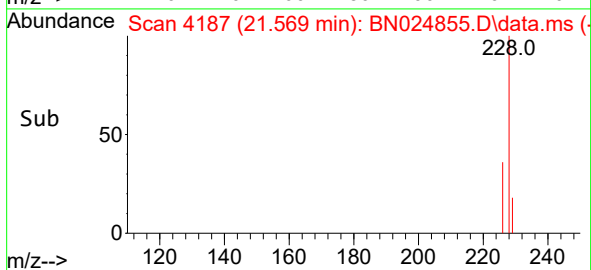
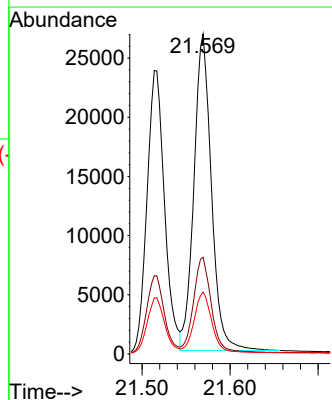
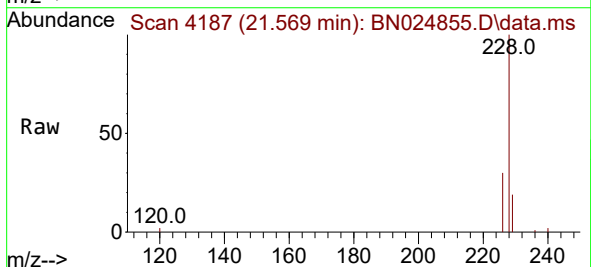
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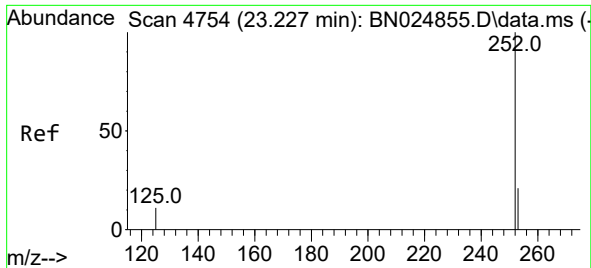
Tgt Ion:228 Resp: 33176
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.451 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.002 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

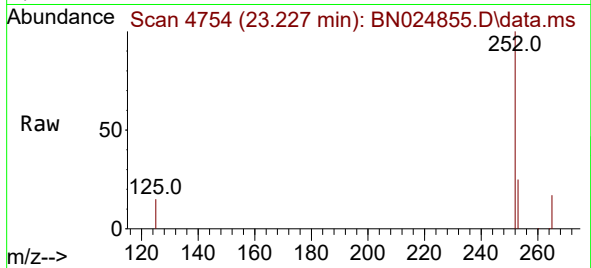
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Ion Ratio Lower Upper
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226 30.3 24.3 36.5
229 19.3 15.7 23.5



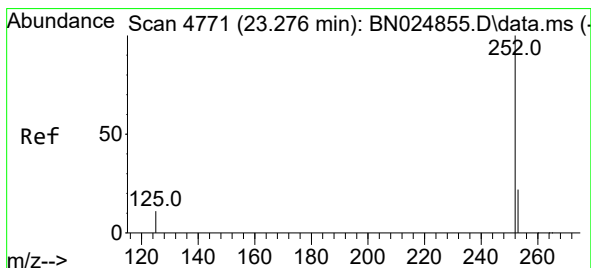
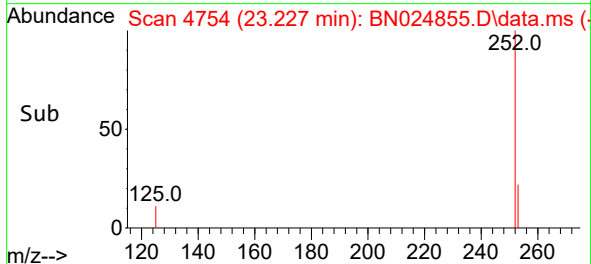
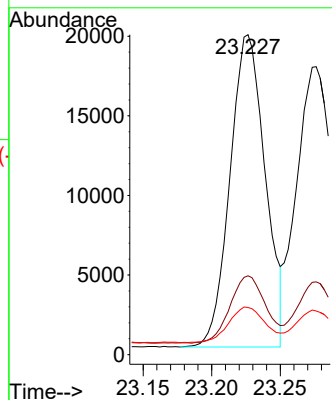


#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.227 min Scan# 4754
Delta R.T. -0.002 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

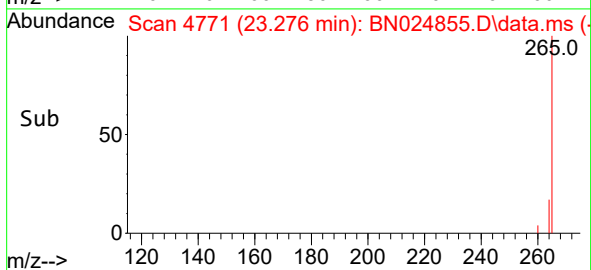
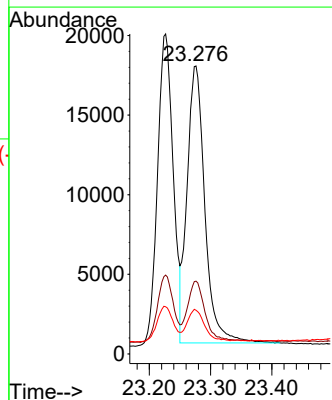
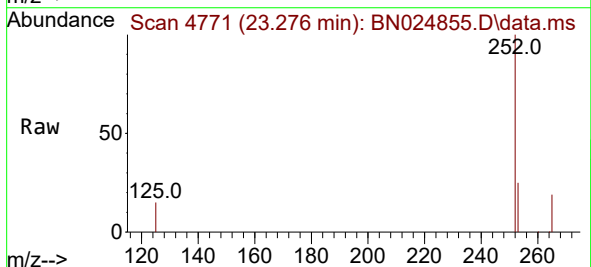


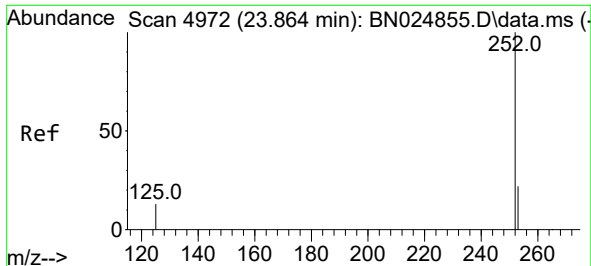
Tgt Ion:252 Resp: 34938
Ion Ratio Lower Upper
252 100
253 24.7 0.0 49.4
125 14.8 0.0 31.2



#25
Benzo(k)fluoranthene
Concen: 0.434 ng/ul
RT: 23.276 min Scan# 4771
Delta R.T. -0.002 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:252 Resp: 35133
Ion Ratio Lower Upper
252 100
253 25.3 20.1 30.1
125 15.1 12.2 18.2

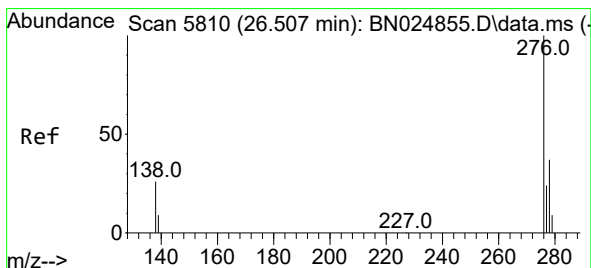
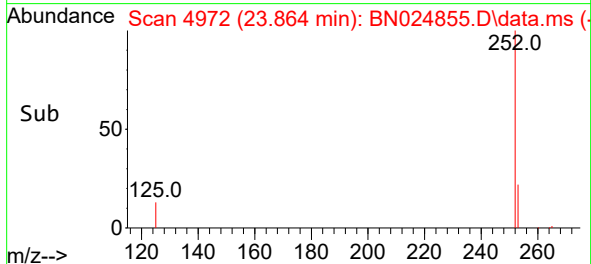
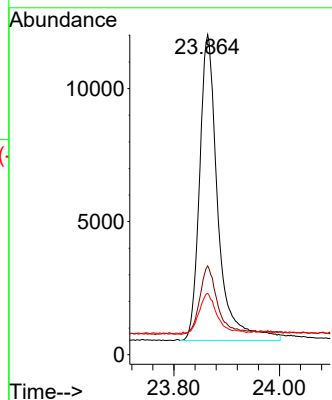
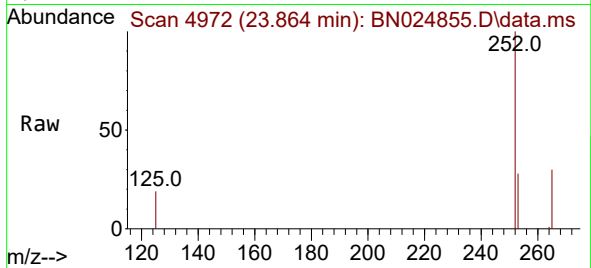




#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.864 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

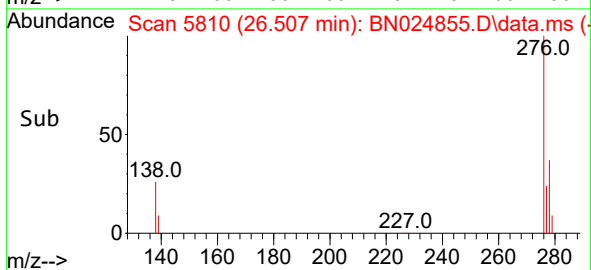
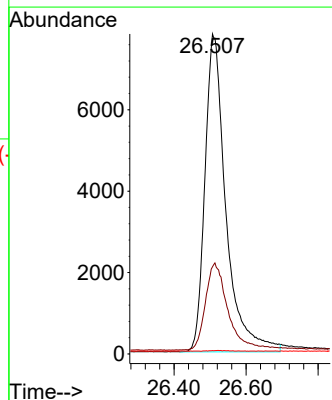
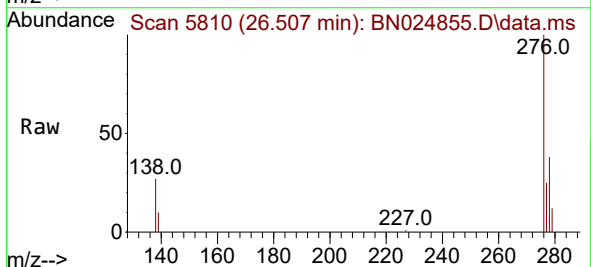
Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

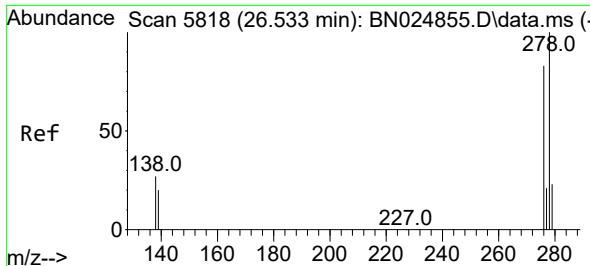
Tgt Ion:252 Resp: 27645
Ion Ratio Lower Upper
252 100
253 27.7 20.7 31.1
125 19.1 15.9 23.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.507 min Scan# 5810
Delta R.T. -0.006 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:276 Resp: 31572
Ion Ratio Lower Upper
276 100
138 29.4 24.2 36.2
227 0.1 0.0 0.0#

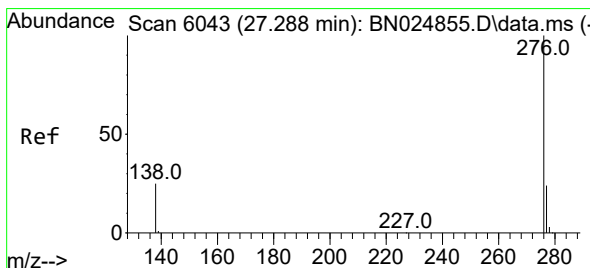
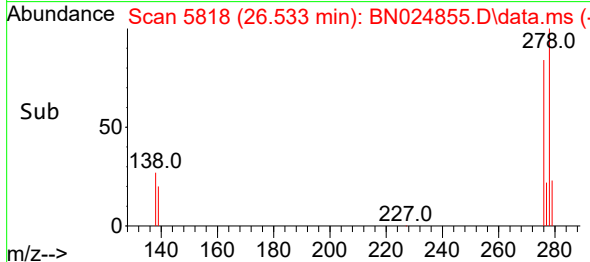
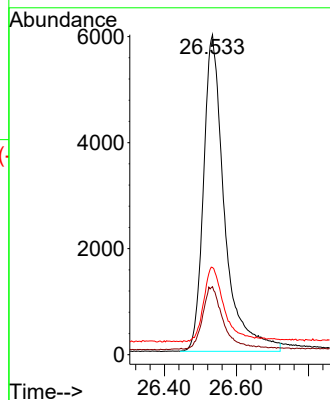
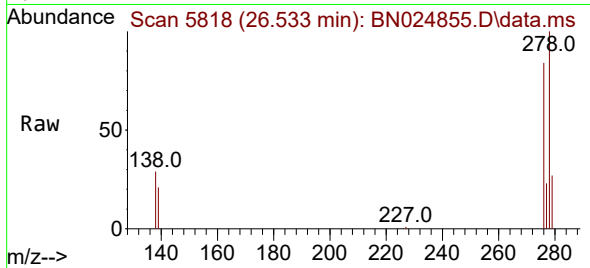




#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.006 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

Tgt Ion:278 Resp: 24190
Ion Ratio Lower Upper
278 100
139 21.2 16.4 24.6
279 27.3 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.439 ng/ul
RT: 27.288 min Scan# 6043
Delta R.T. -0.013 min
Lab File: BN024855.D
Acq: 13 Apr 2023 10:46

Tgt Ion:276 Resp: 30140
Ion Ratio Lower Upper
276 100
138 26.6 21.0 31.4
277 24.6 19.7 29.5

