

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033023\
 Data File : BN024709.D
 Acq On : 01 Apr 2023 09:56
 Operator : CG/JU
 Sample : PB151702BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS702

Quant Time: Apr 03 01:36:29 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 : Sat Apr 01 04:05:52 2023
 Response via : Initial Calibration

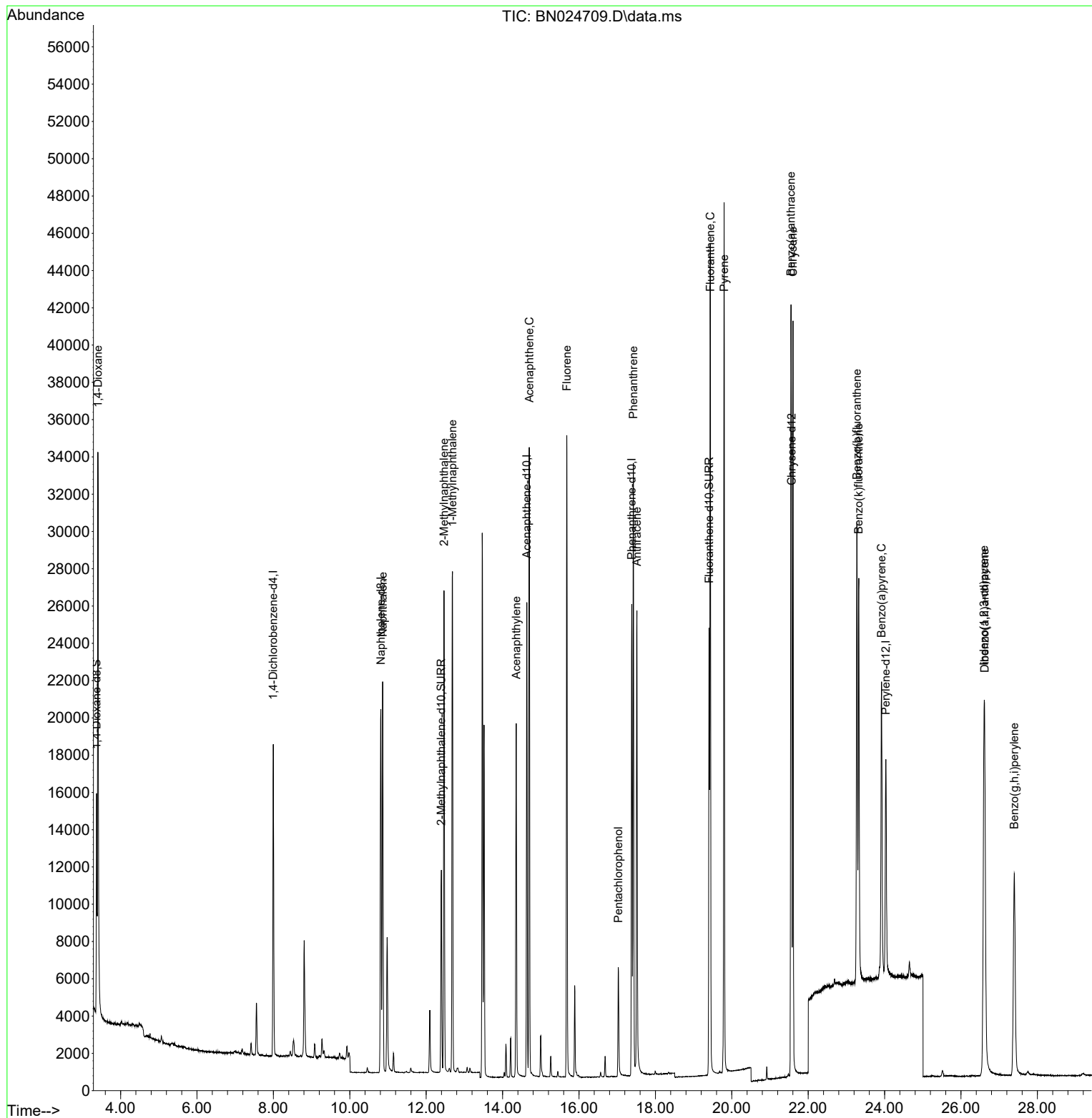
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	25627	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	13726	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	29469	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	22151	0.400	ng/ul	0.00
23) Perylene-d12	24.033	264	17471	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	7026	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	13665	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	26449	0.488	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	18645	1.986	ng/ul	94
5) Naphthalene	10.861	128	28650	0.455	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	17723	0.452	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	18639	0.455	ng/ul	99
10) Acenaphthylene	14.356	152	22237	0.458	ng/ul	100
11) Acenaphthene	14.698	153	19359	0.460	ng/ul	99
12) Fluorene	15.679	166	21659	0.451	ng/ul	99
14) Pentachlorophenol	17.029	266	4288	0.673	ng/ul	99
15) Phenanthrene	17.422	178	35537	0.440	ng/ul	100
16) Anthracene	17.515	178	29340	0.435	ng/ul	100
19) Fluoranthene	19.436	202	38484	0.493	ng/ul	99
20) Pyrene	19.799	202	38694	0.487	ng/ul	98
21) Benzo(a)anthracene	21.548	228	32414	0.487	ng/ul	99
22) Chrysene	21.600	228	34907	0.477	ng/ul	99
24) Benzo(b)fluoranthene	23.275	252	32393	0.446	ng/ul	100
25) Benzo(k)fluoranthene	23.322	252	30797	0.441	ng/ul	99
26) Benzo(a)pyrene	23.919	252	25847	0.453	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.603	276	30275	0.445	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.619	278	23727	0.436	ng/ul	99
29) Benzo(g,h,i)perylene	27.394	276	25447	0.435	ng/ul	99

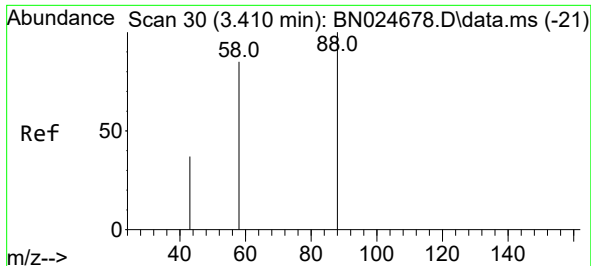
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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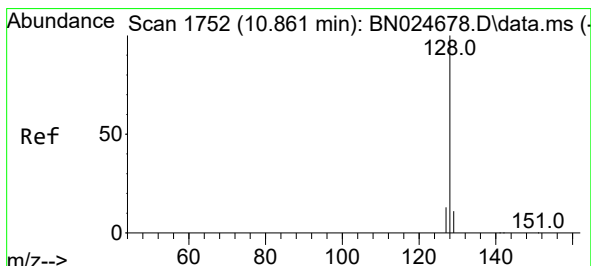
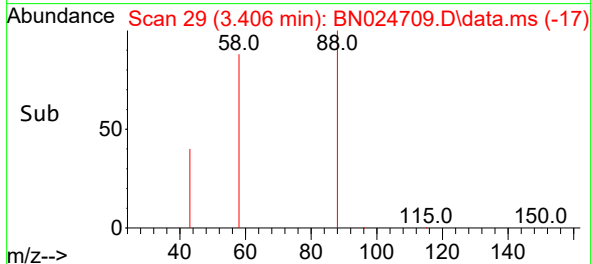
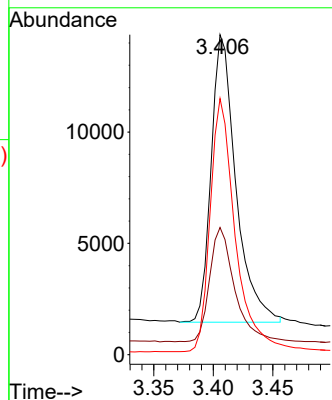
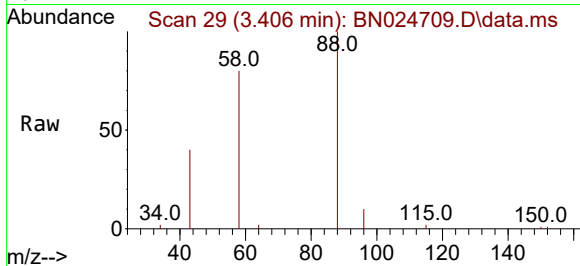


#2
 1,4-Dioxane
 Concen: 1.986 ng/ul
 RT: 3.406 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: BN024709.D
 Acq: 01 Apr 2023 09:56

Instrument :
 BNA_N
 ClientSampleId :
 SLCS702

Tgt Ion: 88 Resp: 18645

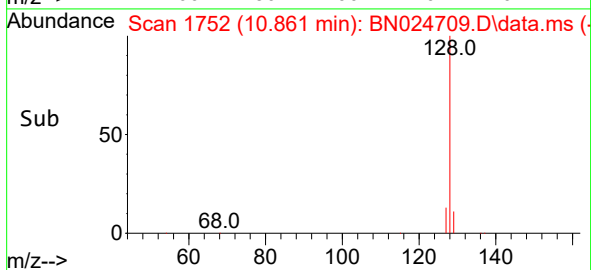
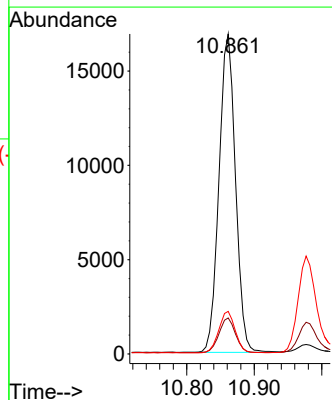
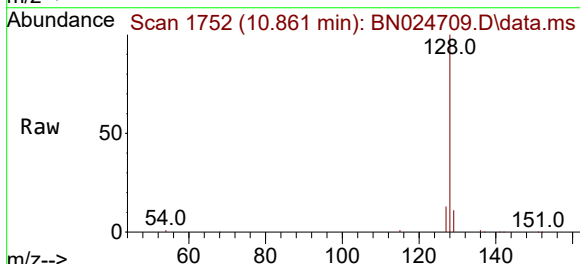
Ion	Ratio	Lower	Upper
88	100		
43	39.8	37.2	55.8
58	80.0	61.5	92.3

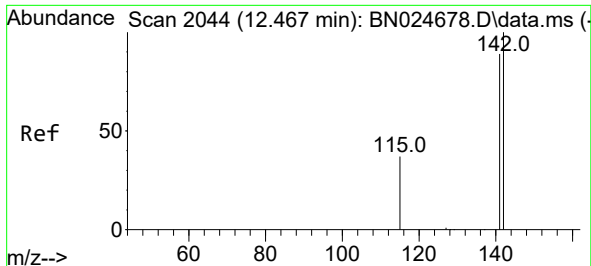


#5
 Naphthalene
 Concen: 0.455 ng/ul
 RT: 10.861 min Scan# 1752
 Delta R.T. 0.000 min
 Lab File: BN024709.D
 Acq: 01 Apr 2023 09:56

Tgt Ion: 128 Resp: 28650

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.3	10.5	15.7

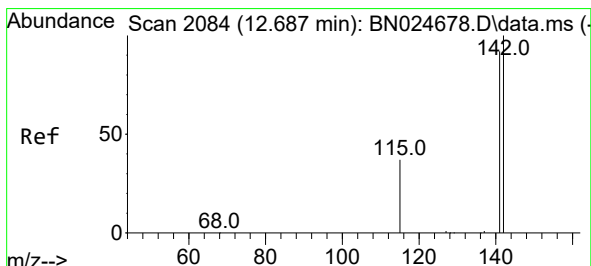
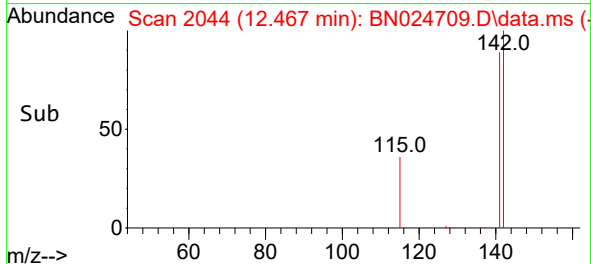
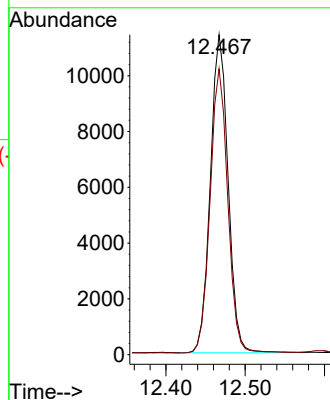
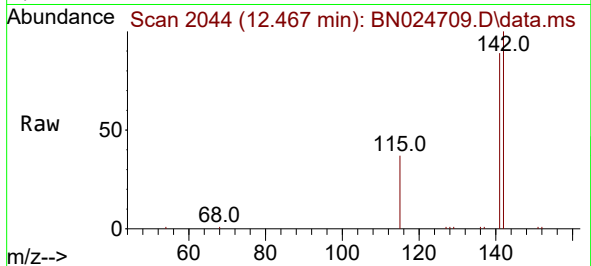




#7
2-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 12.467 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

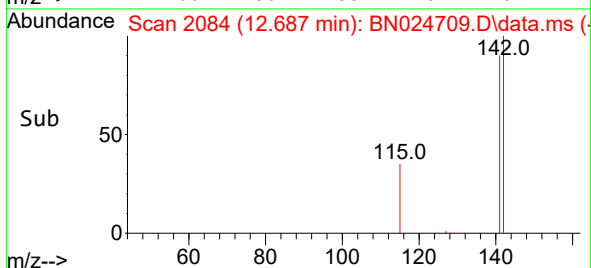
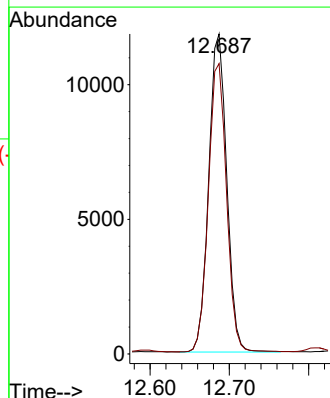
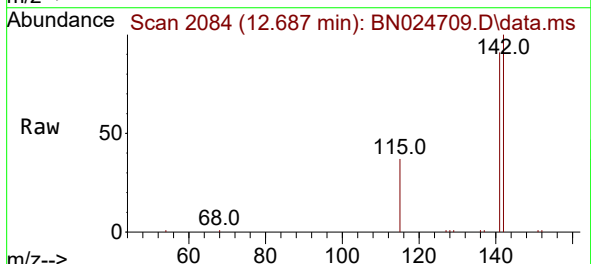
Instrument :
BNA_N
ClientSampleId :
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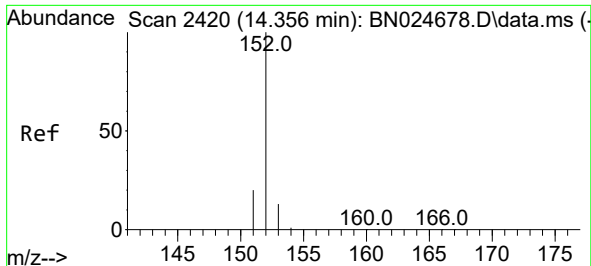
Tgt Ion:142 Resp: 17723
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.455 ng/ul
RT: 12.687 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:142 Resp: 18639
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3

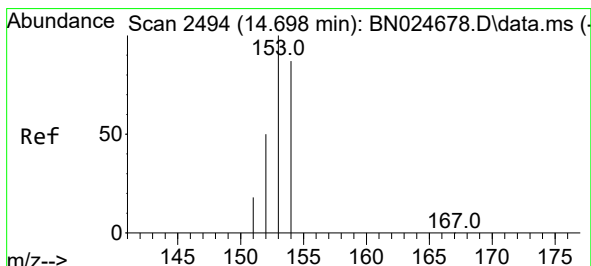
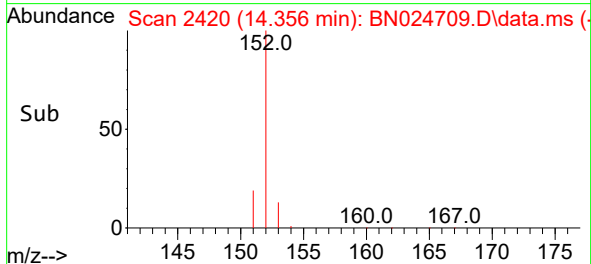
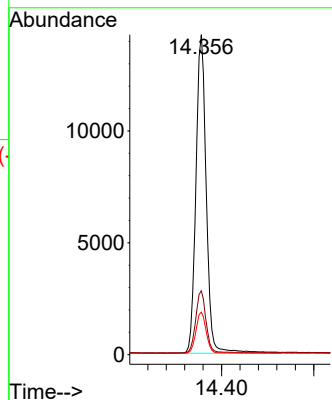
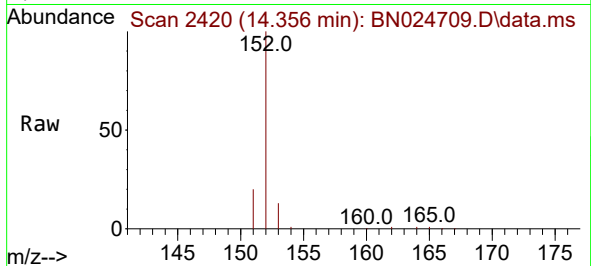




#10
Acenaphthylene
Concen: 0.458 ng/ul
RT: 14.356 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

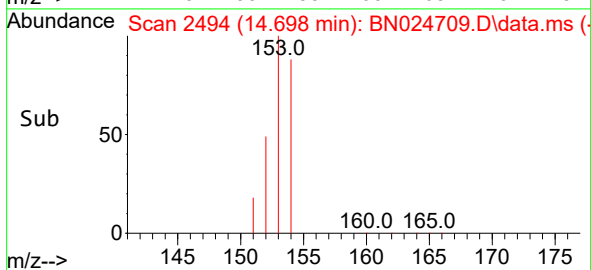
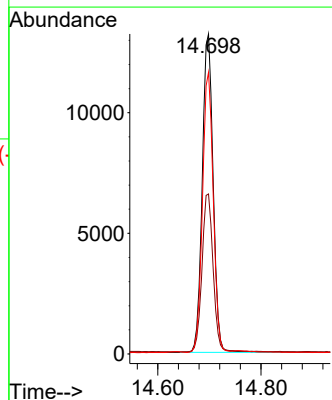
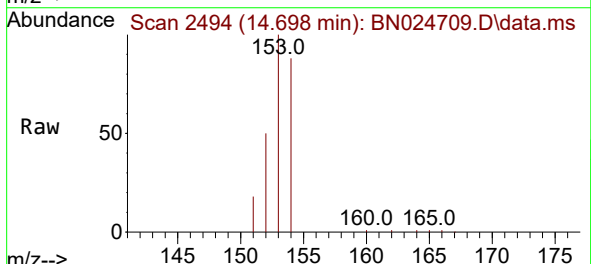
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ClientSampleId :
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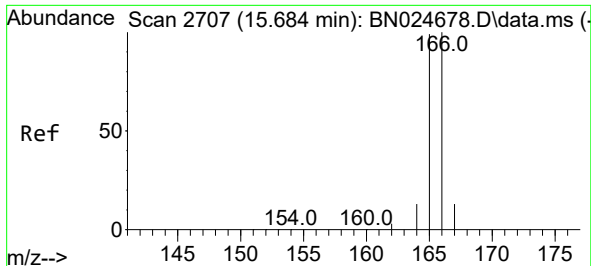
Tgt Ion:152 Resp: 22237
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.460 ng/ul
RT: 14.698 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:153 Resp: 19359
Ion Ratio Lower Upper
153 100
152 50.0 40.3 60.5
154 88.0 71.0 106.4

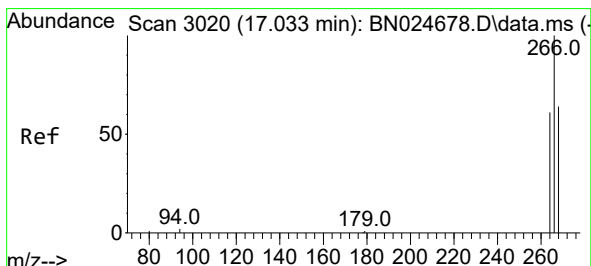
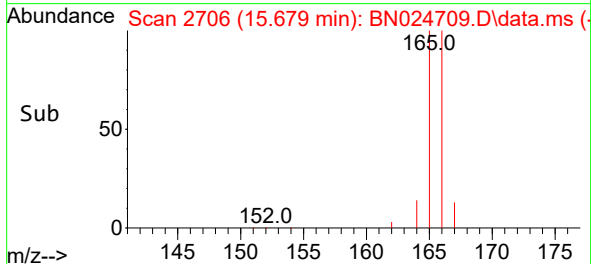
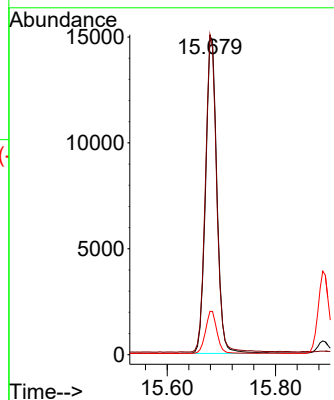
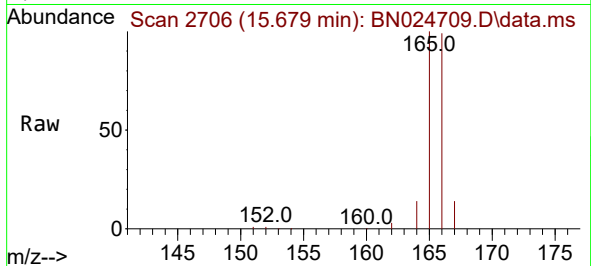




#12
 Fluorene
 Concen: 0.451 ng/ul
 RT: 15.679 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024709.D
 Acq: 01 Apr 2023 09:56

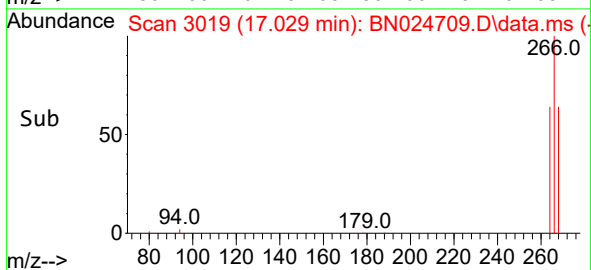
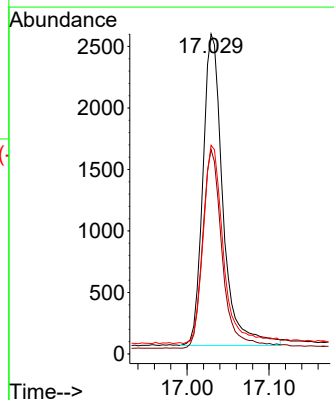
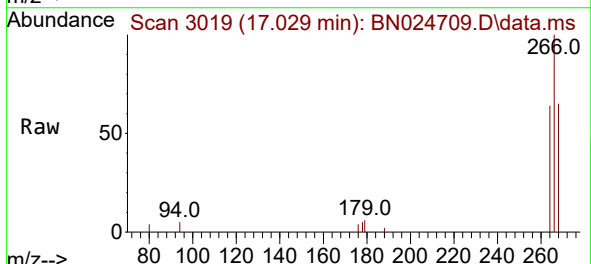
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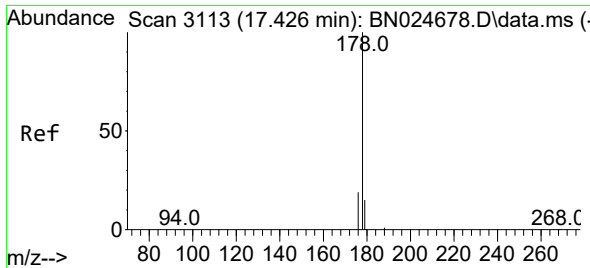
Tgt Ion:166 Resp: 21659
 Ion Ratio Lower Upper
 166 100
 165 100.6 80.0 120.0
 167 13.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.673 ng/ul
 RT: 17.029 min Scan# 3019
 Delta R.T. -0.004 min
 Lab File: BN024709.D
 Acq: 01 Apr 2023 09:56

Tgt Ion:266 Resp: 4288
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.6 74.4
 268 64.4 52.6 78.8

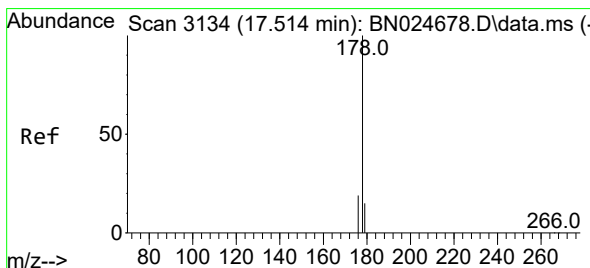
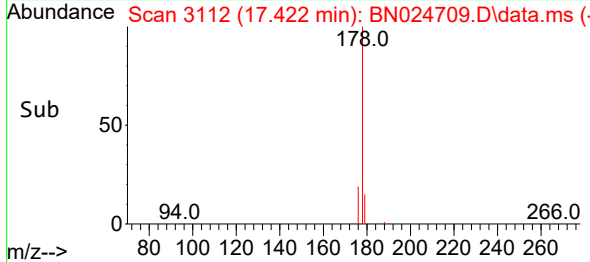
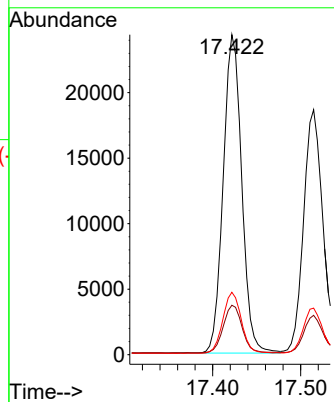
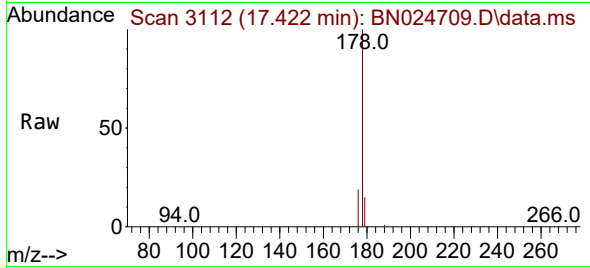




#15
Phenanthrene
Concen: 0.440 ng/ul
RT: 17.422 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

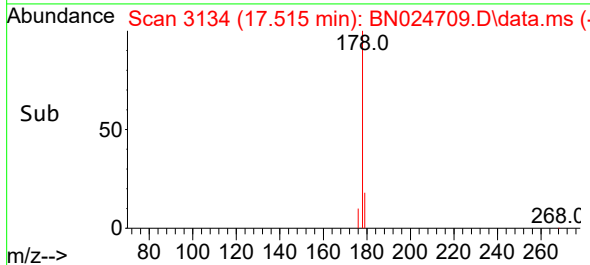
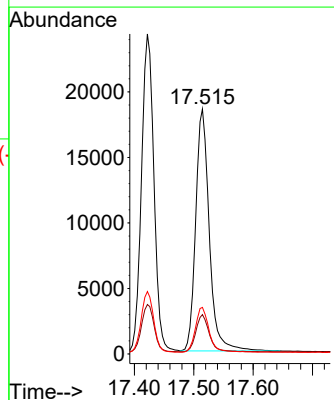
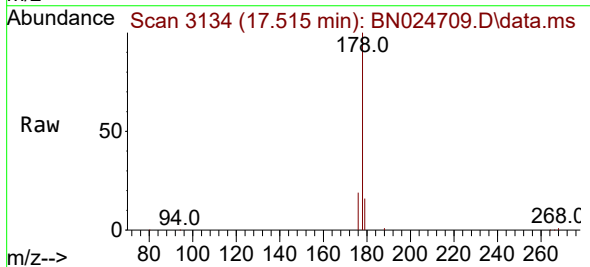
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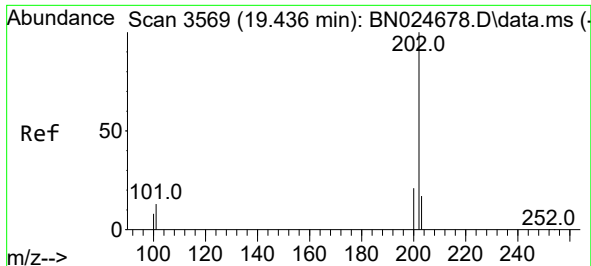
Tgt Ion:178 Resp: 35537
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.435 ng/ul
RT: 17.515 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:178 Resp: 29340
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.0 15.2 22.8

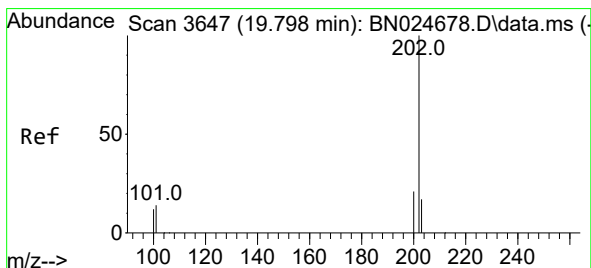
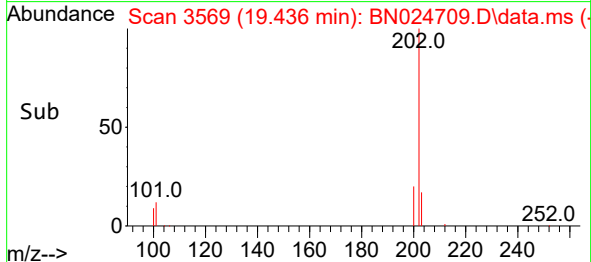
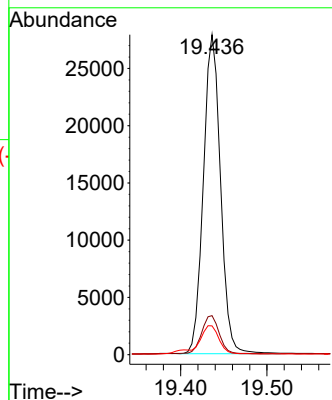
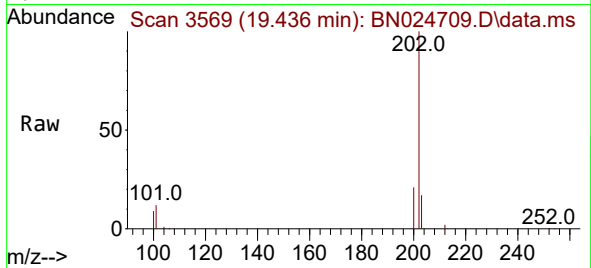




#19
Fluoranthene
Concen: 0.493 ng/ul
RT: 19.436 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

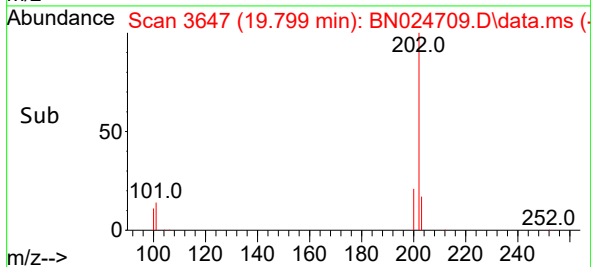
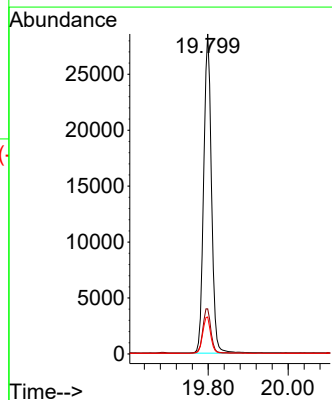
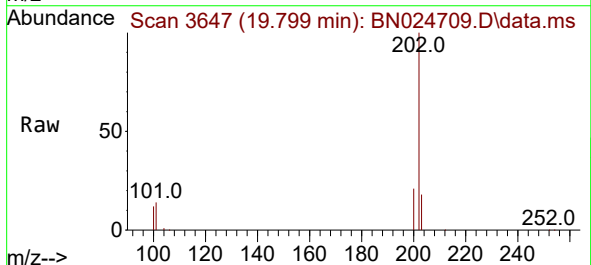
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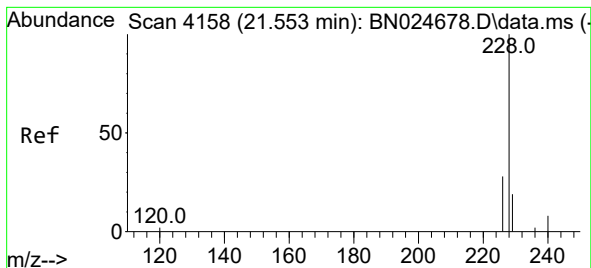
Tgt Ion:202 Resp: 38484
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.799 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:202 Resp: 38694
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.6 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.487 ng/ul

RT: 21.548 min Scan# 4158

Delta R.T. 0.000 min

Lab File: BN024709.D

Acq: 01 Apr 2023 09:56

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BNA_N

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SLCS702

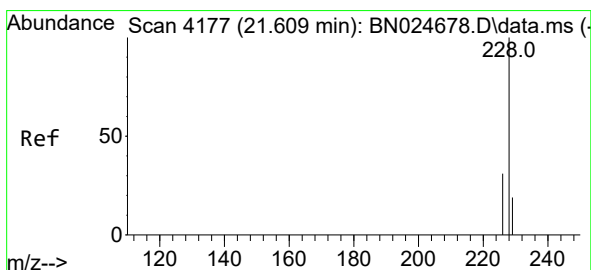
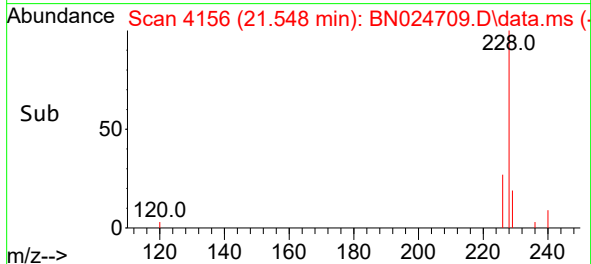
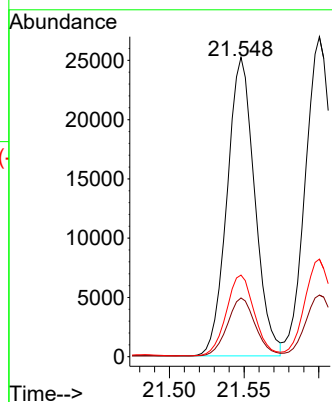
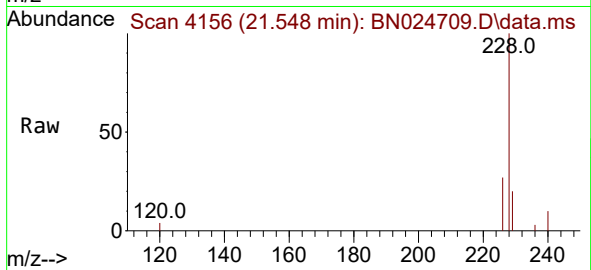
Tgt Ion:228 Resp: 32414

Ion Ratio Lower Upper

228 100

229 19.6 15.6 23.4

226 27.3 22.5 33.7



#22

Chrysene

Concen: 0.477 ng/ul

RT: 21.600 min Scan# 4174

Delta R.T. -0.003 min

Lab File: BN024709.D

Acq: 01 Apr 2023 09:56

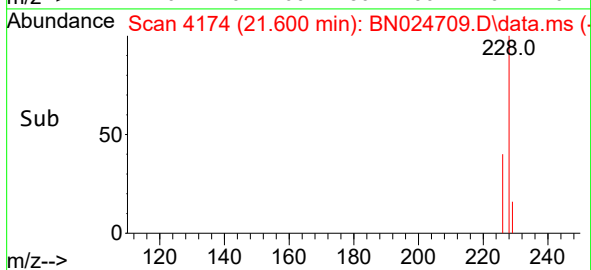
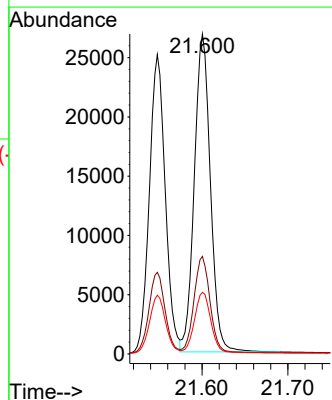
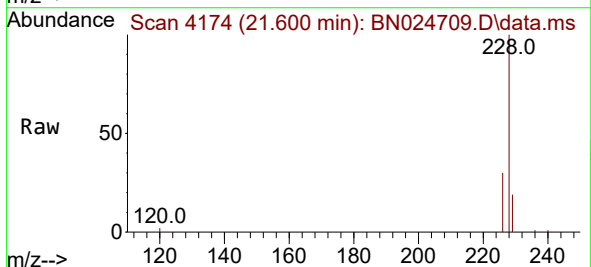
Tgt Ion:228 Resp: 34907

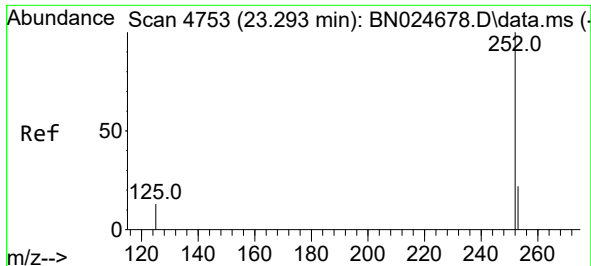
Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.2 15.6 23.4

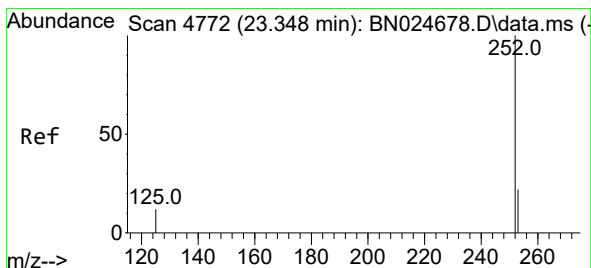
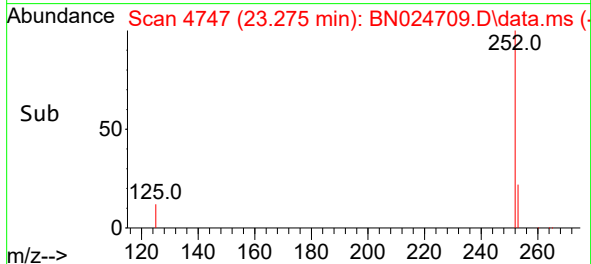
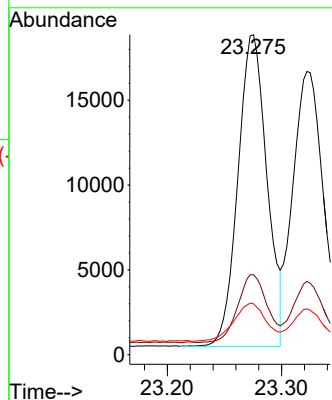
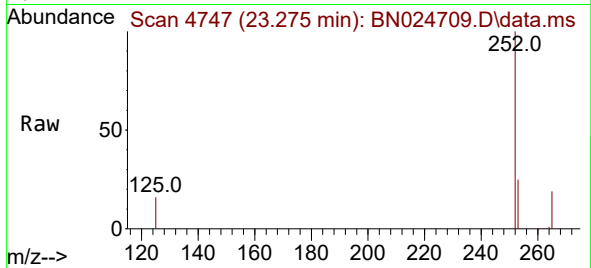




#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.275 min Scan# 4763
Delta R.T. -0.009 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

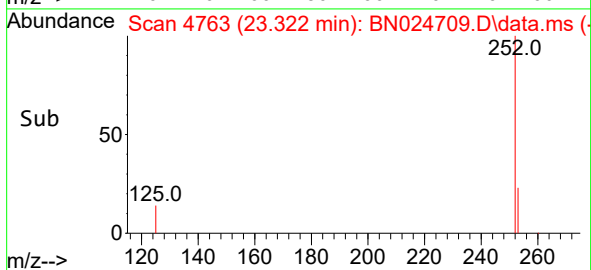
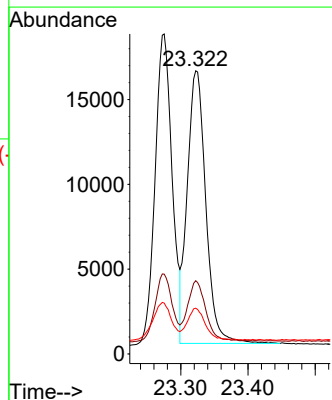
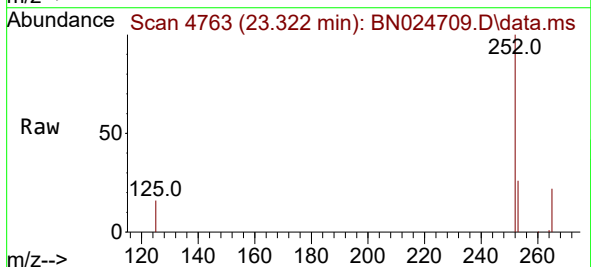
Instrument :
BNA_N
ClientSampleId :
SLCS702

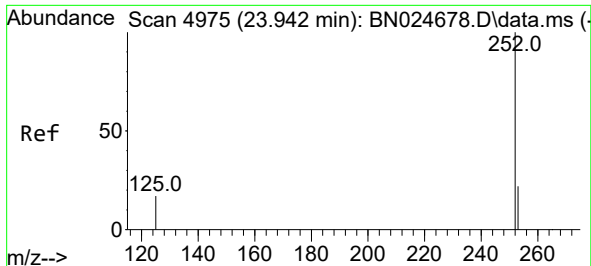
Tgt Ion:252 Resp: 32393
Ion Ratio Lower Upper
252 100
253 25.0 0.0 49.6
125 15.9 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 23.322 min Scan# 4763
Delta R.T. -0.012 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

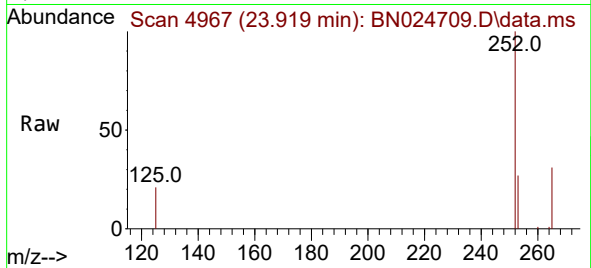
Tgt Ion:252 Resp: 30797
Ion Ratio Lower Upper
252 100
253 25.9 20.2 30.2
125 16.2 13.1 19.7



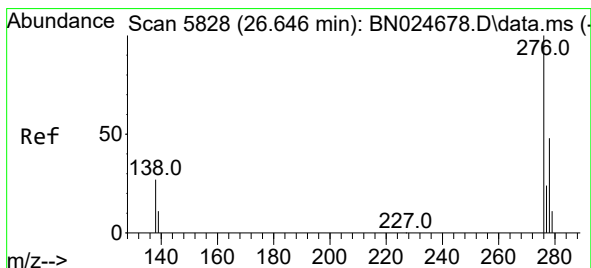
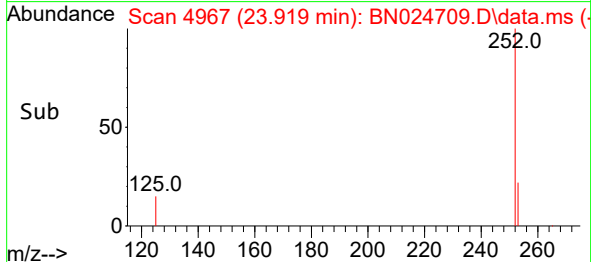
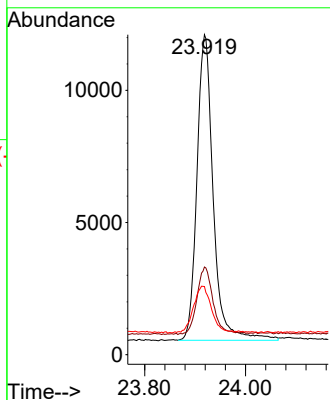


#26
Benzo(a)pyrene
Concen: 0.453 ng/ul
RT: 23.919 min Scan# 4975
Delta R.T. -0.020 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Instrument :
BNA_N
ClientSampleId :
SLCS702

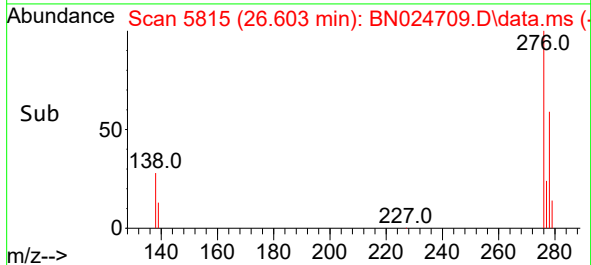
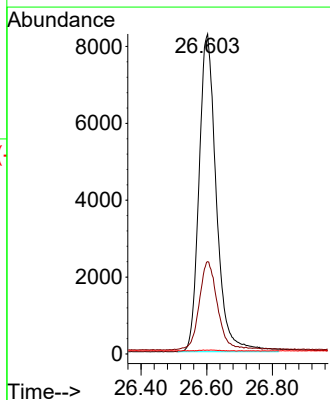
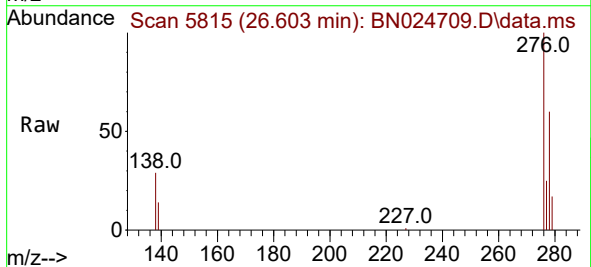


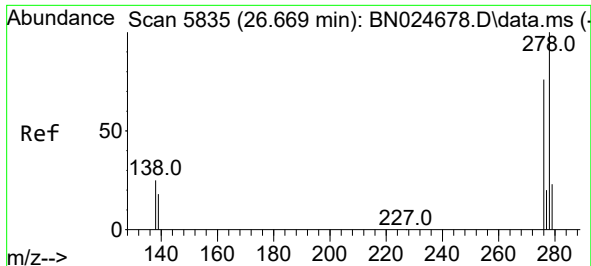
Tgt Ion:252 Resp: 25847
Ion Ratio Lower Upper
252 100
253 27.4 21.8 32.8
125 21.3 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.603 min Scan# 5815
Delta R.T. -0.043 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:276 Resp: 30275
Ion Ratio Lower Upper
276 100
138 28.6 24.6 36.8
227 0.0 0.1 0.1#

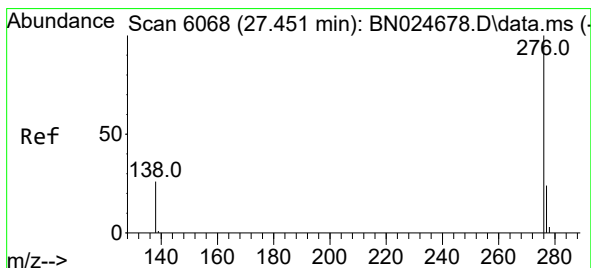
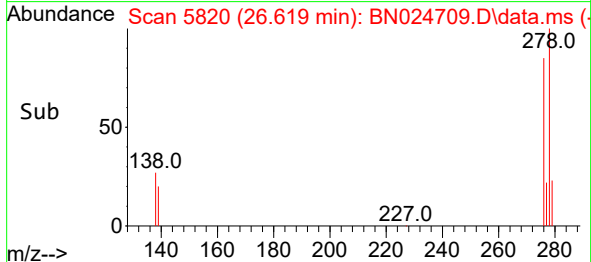
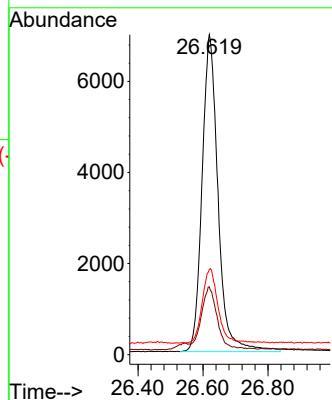
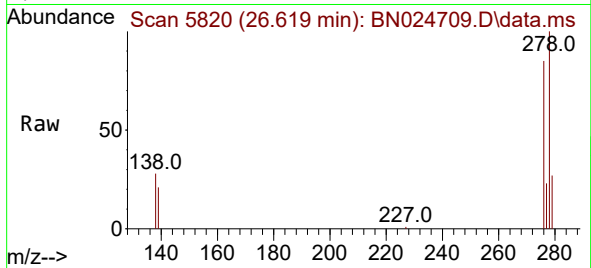




#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 26.619 min Scan# 51
Delta R.T. -0.047 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Instrument :
BNA_N
ClientSampleId :
SLCS702

Tgt Ion:278 Resp: 23727
Ion Ratio Lower Upper
278 100
139 21.2 16.5 24.7
279 26.7 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.435 ng/ul
RT: 27.394 min Scan# 6051
Delta R.T. -0.050 min
Lab File: BN024709.D
Acq: 01 Apr 2023 09:56

Tgt Ion:276 Resp: 25447
Ion Ratio Lower Upper
276 100
138 25.8 21.4 32.2
277 24.8 19.8 29.6

