

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040623\
 Data File : BN024794.D
 Acq On : 06 Apr 2023 23:41
 Operator : CG/JU
 Sample : PB151751BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS751

Quant Time: Apr 07 01:42:09 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 : Thu Apr 06 22:57:45 2023
 Response via : Initial Calibration

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

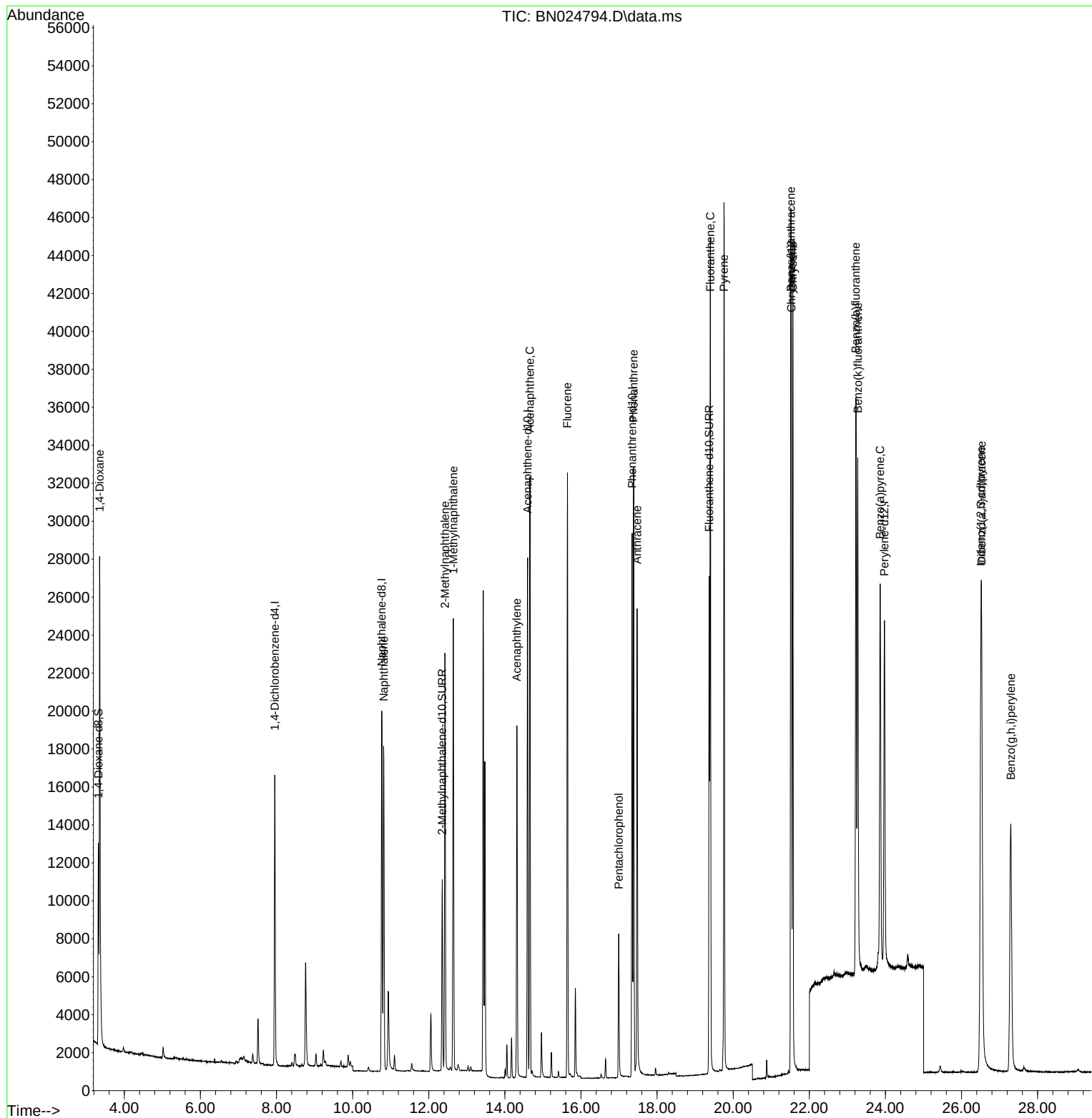
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7975	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24435	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	14570	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31998	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	26952	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	26411	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	6422	0.785	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	12744	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.368	212	27760	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	16800	1.951	ng/ul	92
5) Naphthalene	10.814	128	23441	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	15373	0.411	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	16290	0.417	ng/ul	100
10) Acenaphthylene	14.316	152	21087	0.409	ng/ul	100
11) Acenaphthene	14.658	153	17563	0.393	ng/ul	98
12) Fluorene	15.643	166	19741	0.387	ng/ul	99
14) Pentachlorophenol	16.992	266	5141	0.743	ng/ul	98
15) Phenanthrene	17.385	178	32816	0.374	ng/ul	99
16) Anthracene	17.478	178	28050	0.383	ng/ul	100
19) Fluoranthene	19.401	202	37079	0.390	ng/ul	99
20) Pyrene	19.758	202	38169	0.395	ng/ul	96
21) Benzo(a)anthracene	21.514	228	35240	0.435	ng/ul	99
22) Chrysene	21.567	228	36996	0.415	ng/ul	99
24) Benzo(b)fluoranthene	23.224	252	39018	0.356	ng/ul	99
25) Benzo(k)fluoranthene	23.274	252	37589	0.356	ng/ul	99
26) Benzo(a)pyrene	23.861	252	32661	0.378	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.511	276	37798	0.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.527	278	29624	0.360	ng/ul	99
29) Benzo(g,h,i)perylene	27.295	276	30921	0.350	ng/ul	100

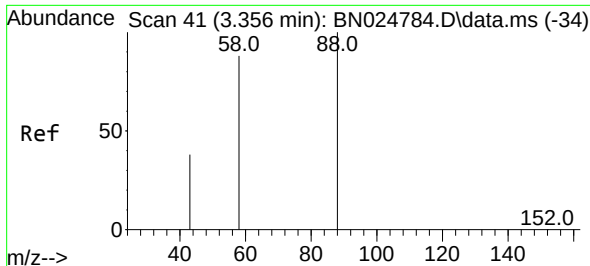
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 22:57:45 2023
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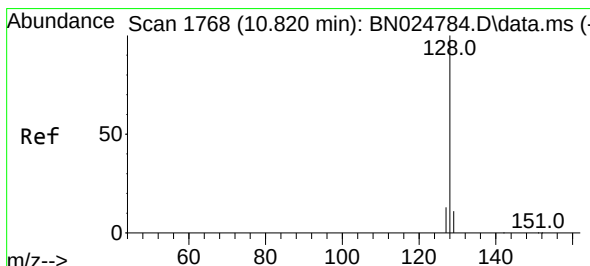
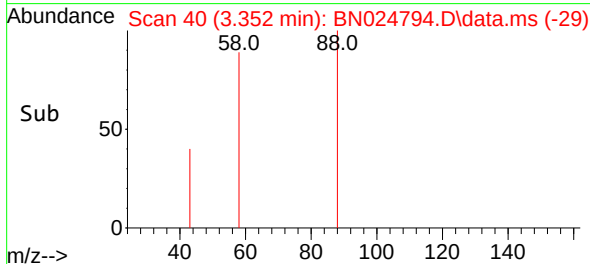
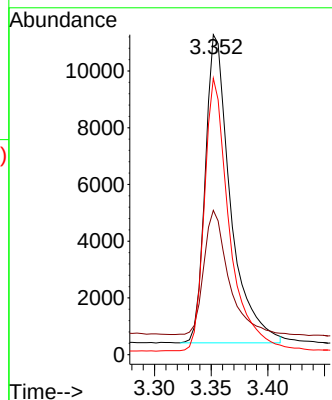
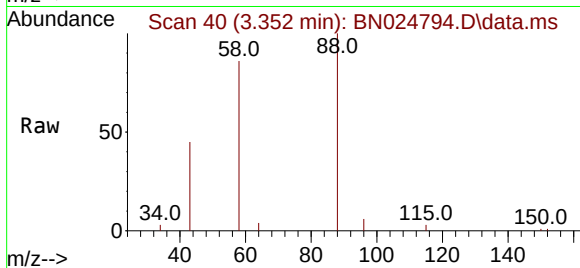




#2
 1,4-Dioxane
 Concen: 1.951 ng/ul
 RT: 3.352 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN024794.D
 Acq: 06 Apr 2023 23:41

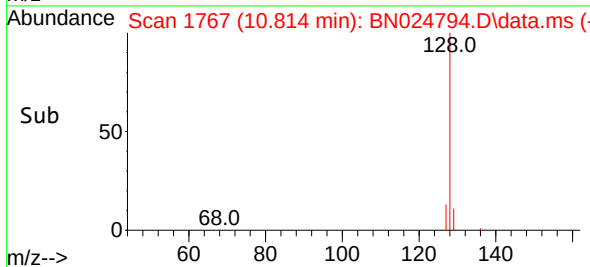
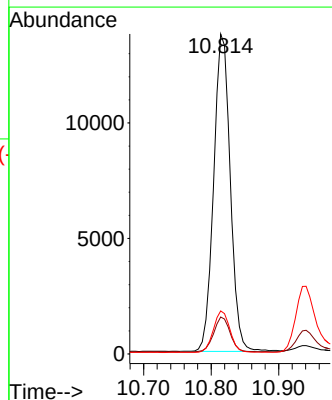
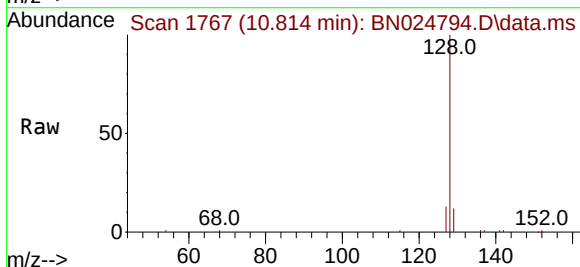
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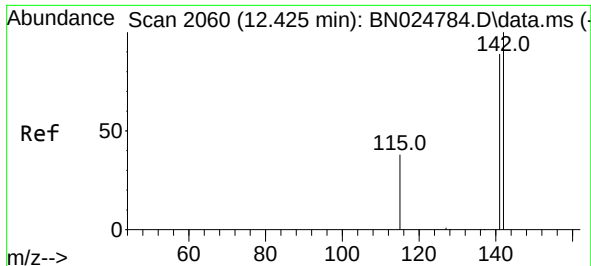
Tgt Ion: 88 Resp: 16800
 Ion Ratio Lower Upper
 88 100
 43 45.1 37.2 55.8
 58 86.4 61.5 92.3



#5
 Naphthalene
 Concen: 0.391 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. -0.005 min
 Lab File: BN024794.D
 Acq: 06 Apr 2023 23:41

Tgt Ion:128 Resp: 23441
 Ion Ratio Lower Upper
 128 100
 129 11.5 9.0 13.6
 127 13.4 10.5 15.7

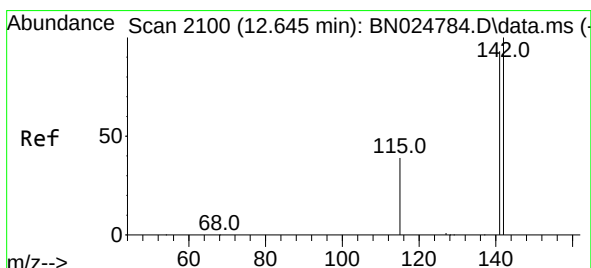
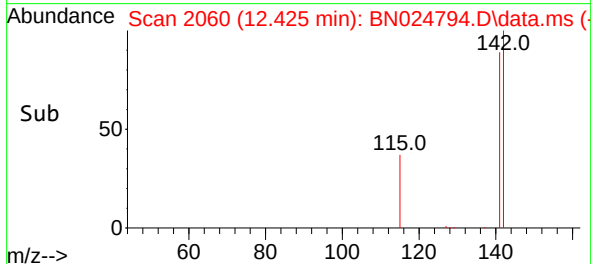
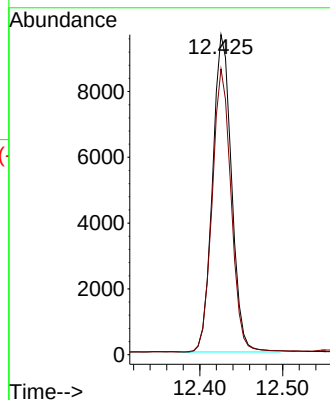
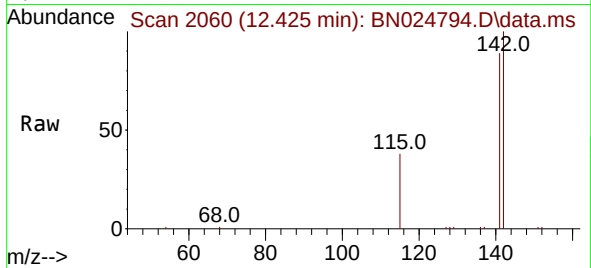




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

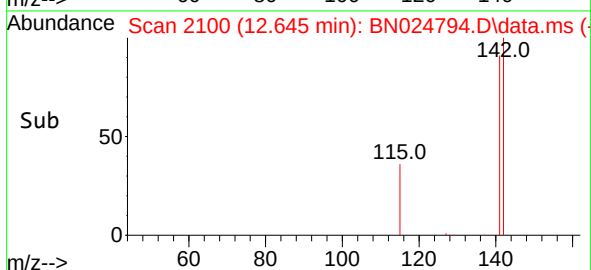
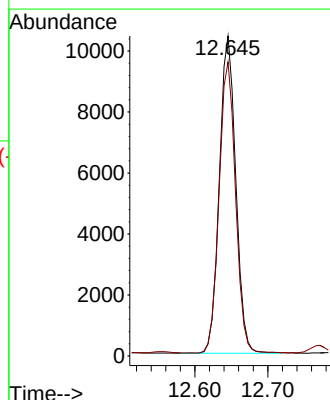
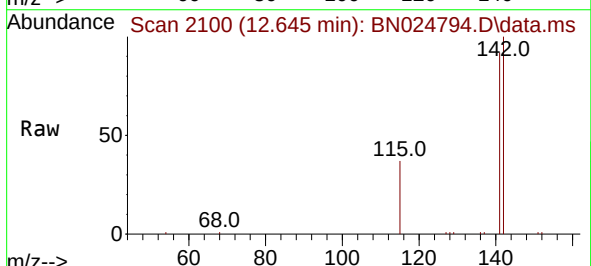
Instrument :
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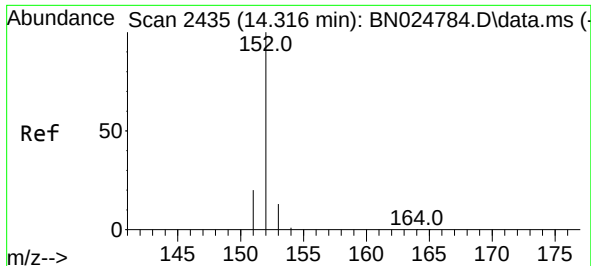
Tgt Ion:142 Resp: 15373
Ion Ratio Lower Upper
142 100
141 88.5 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:142 Resp: 16290
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3

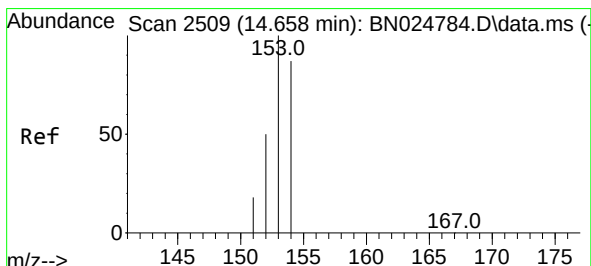
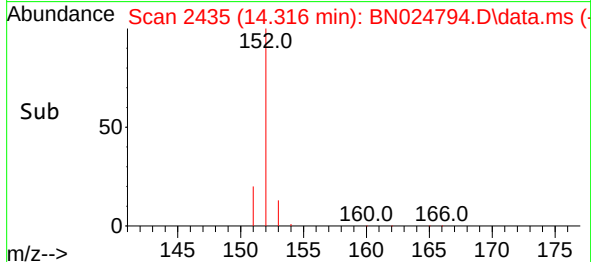
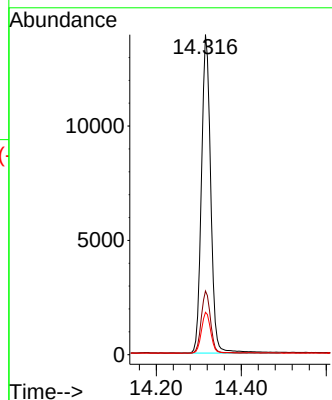
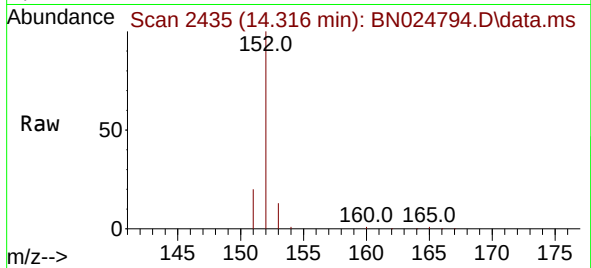




#10
Acenaphthylene
Concen: 0.409 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

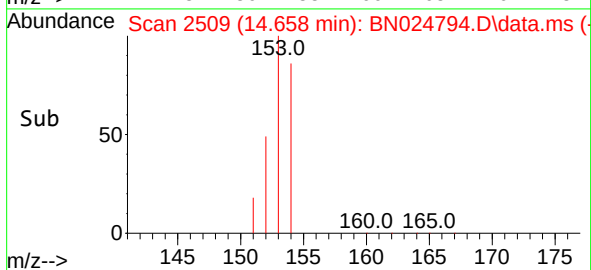
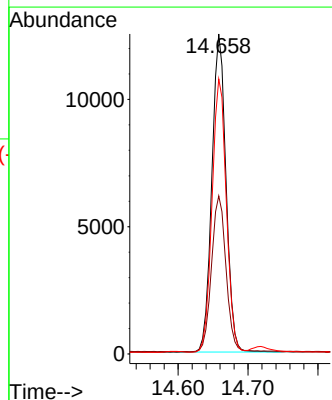
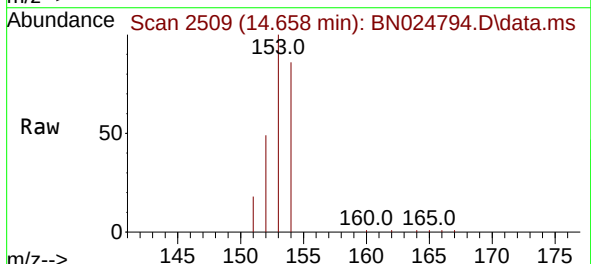
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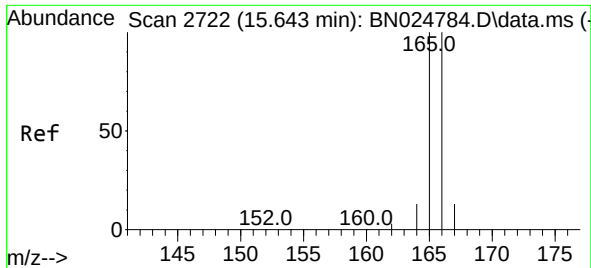
Tgt Ion:152 Resp: 21087
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.6 16.0



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:153 Resp: 17563
Ion Ratio Lower Upper
153 100
152 49.4 40.3 60.5
154 86.0 71.0 106.4

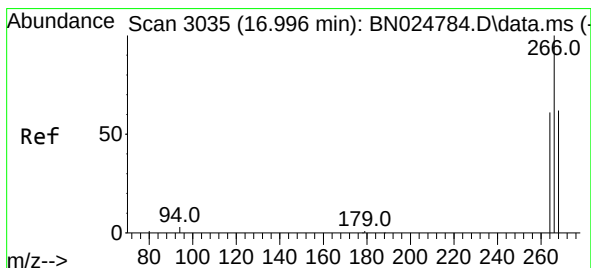
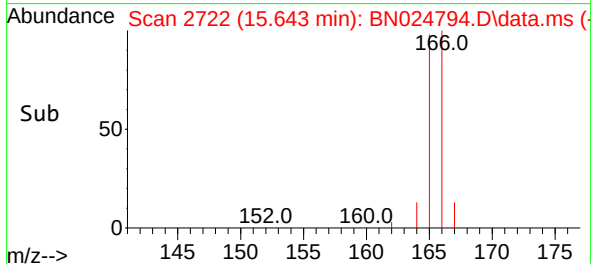
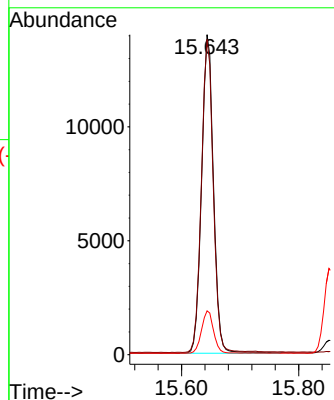
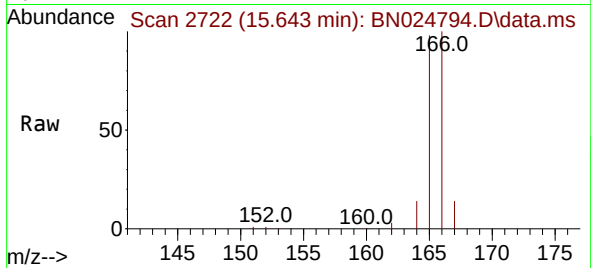




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.643 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN024794.D
 Acq: 06 Apr 2023 23:41

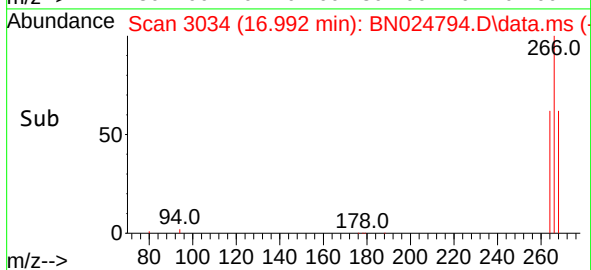
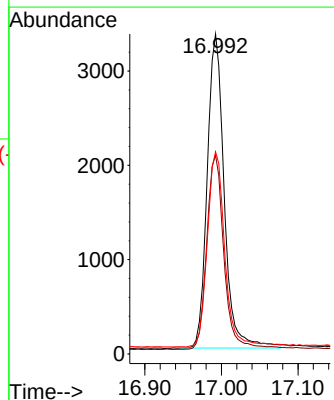
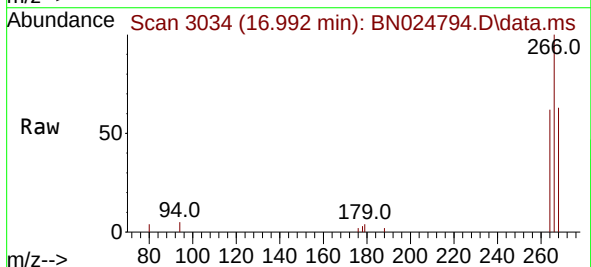
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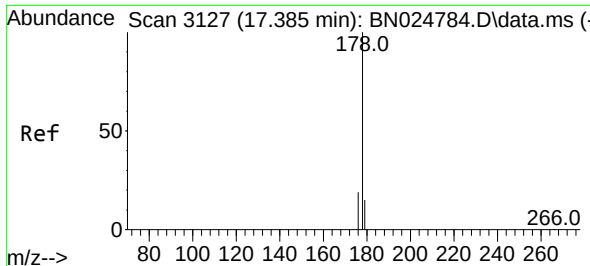
Tgt Ion:166 Resp: 19741
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.0 120.0
 167 13.7 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.743 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.004 min
 Lab File: BN024794.D
 Acq: 06 Apr 2023 23:41

Tgt Ion:266 Resp: 5141
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.6 74.4
 268 63.9 52.6 78.8

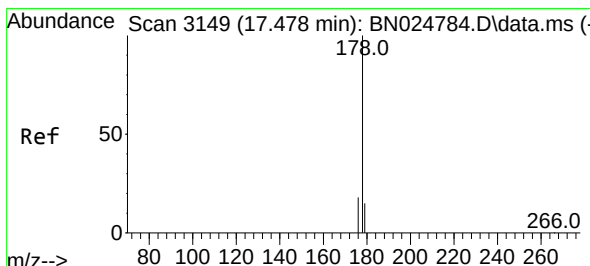
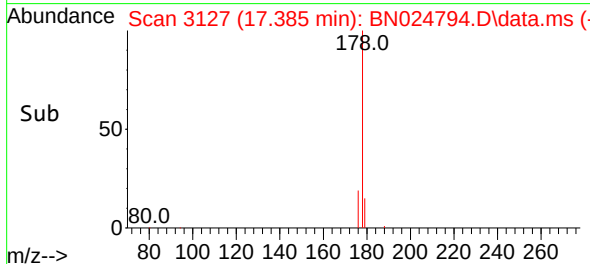
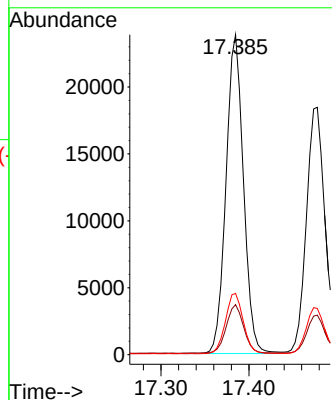
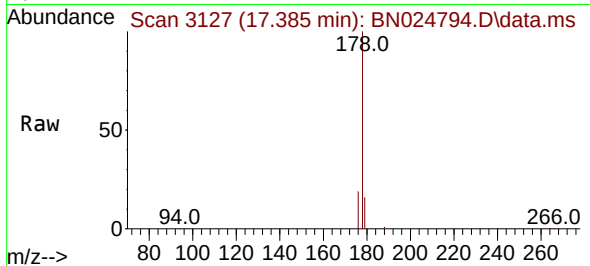




#15
Phenanthrene
Concen: 0.374 ng/u1
RT: 17.385 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

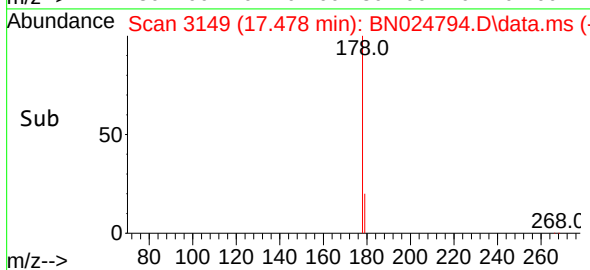
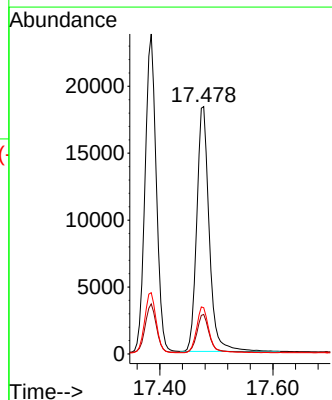
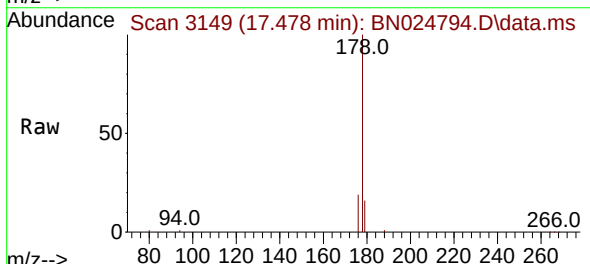
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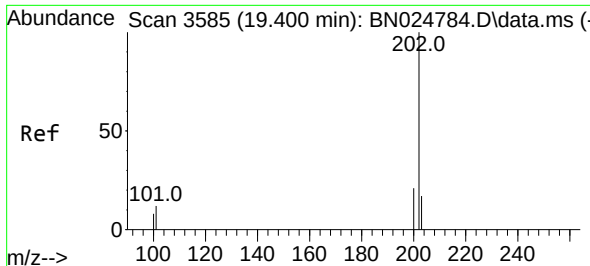
Tgt Ion:178 Resp: 32816
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.383 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:178 Resp: 28050
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 18.7 15.2 22.8

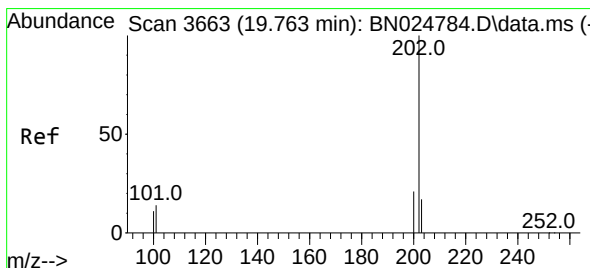
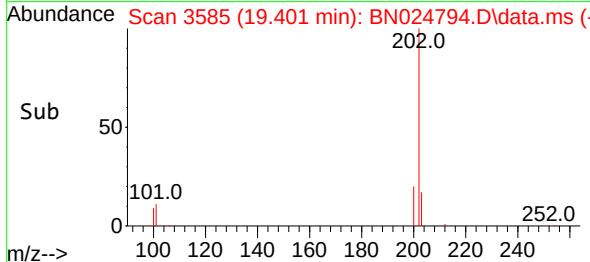
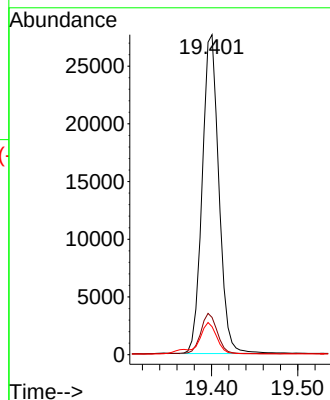
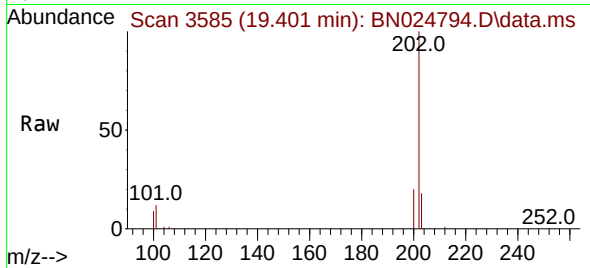




#19
Fluoranthene
Concen: 0.390 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

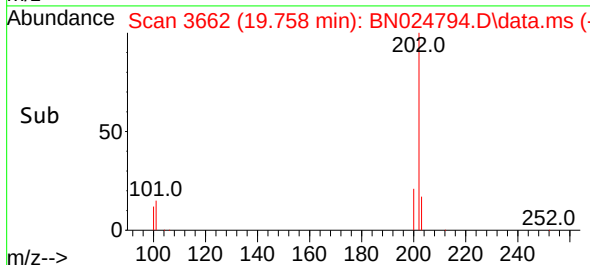
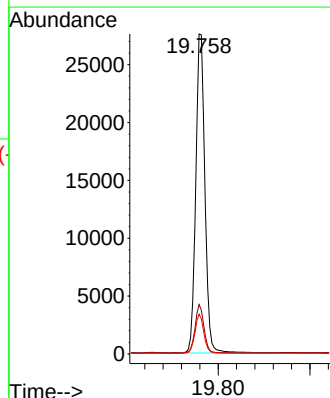
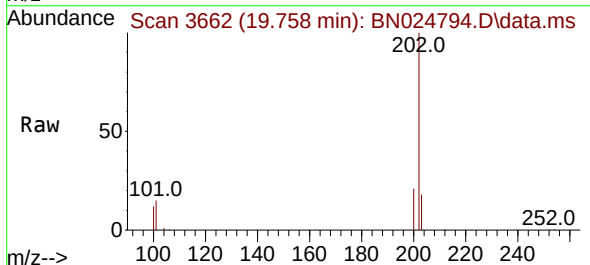
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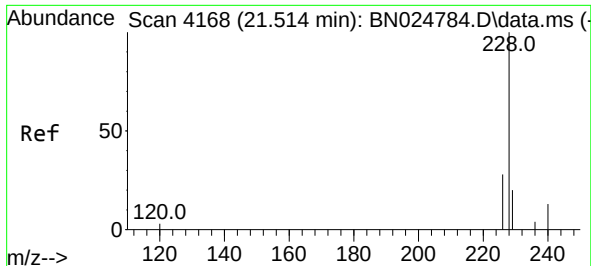
Tgt Ion:202 Resp: 37079
Ion Ratio Lower Upper
202 100
101 11.7 9.6 14.4
100 8.8 7.0 10.6



#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:202 Resp: 38169
Ion Ratio Lower Upper
202 100
101 15.4 10.9 16.3
100 12.4 8.7 13.1

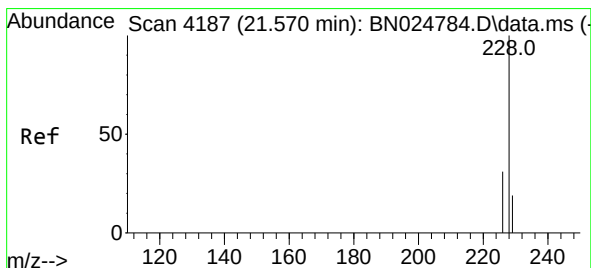
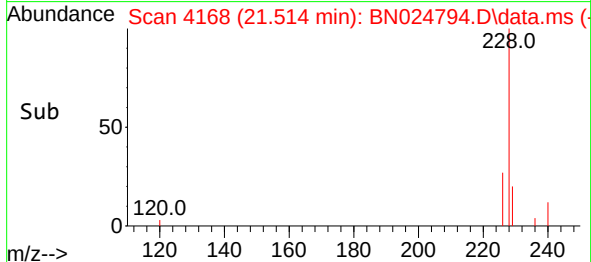
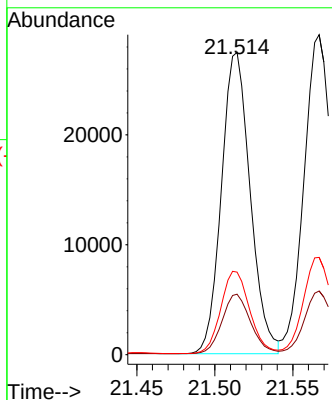
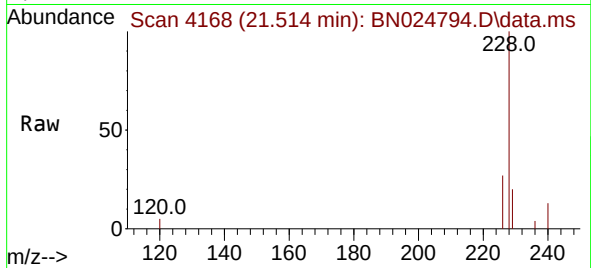




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

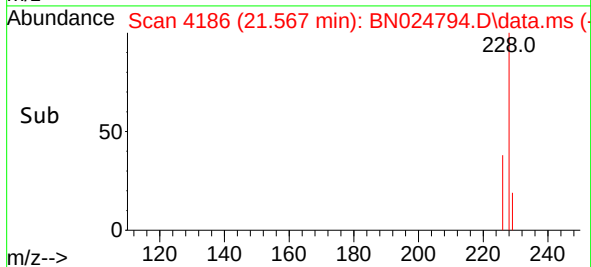
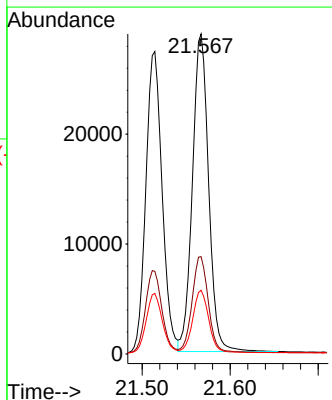
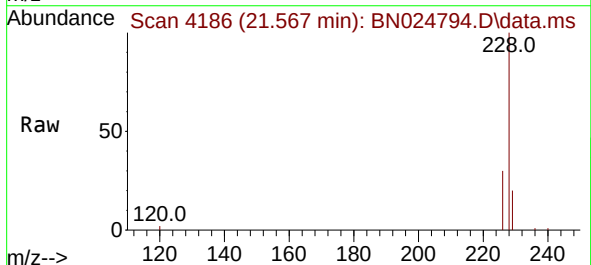
Instrument :
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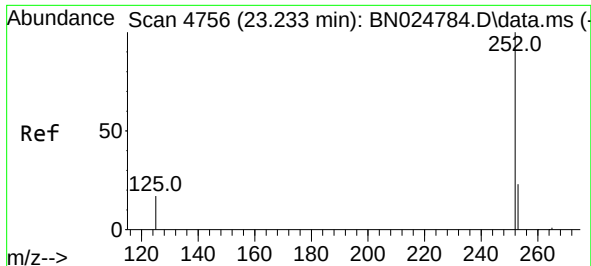
Tgt Ion:228 Resp: 35240
Ion Ratio Lower Upper
228 100
229 20.0 15.6 23.4
226 27.3 22.5 33.7



#22
Chrysene
Concen: 0.415 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:228 Resp: 36996
Ion Ratio Lower Upper
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226 30.4 24.6 37.0
229 19.9 15.6 23.4

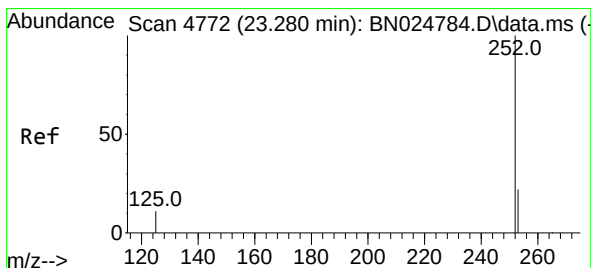
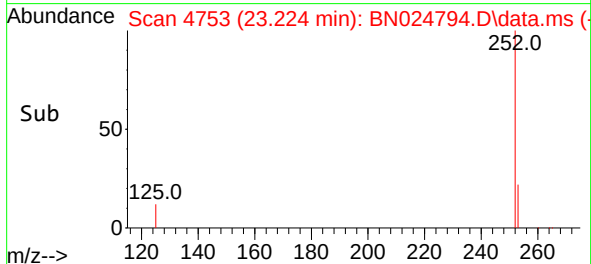
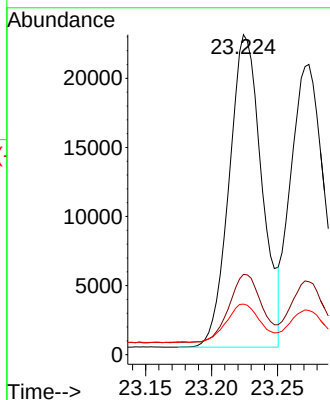
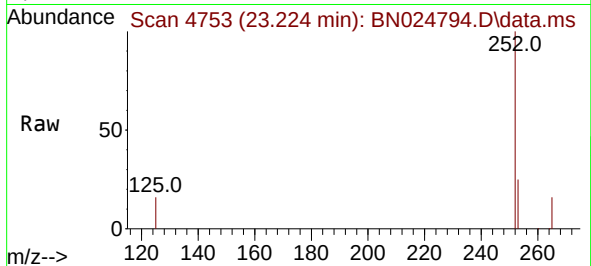




#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 23.224 min Scan# 4753
Delta R.T. -0.009 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

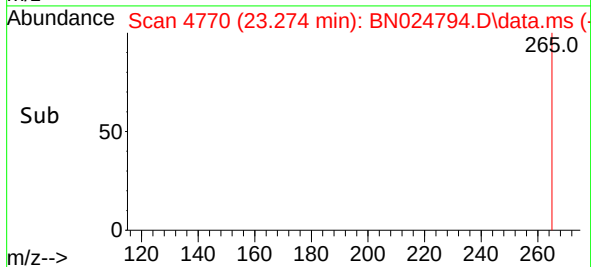
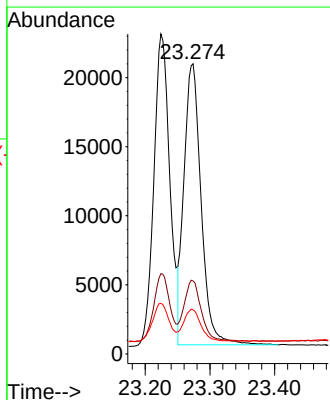
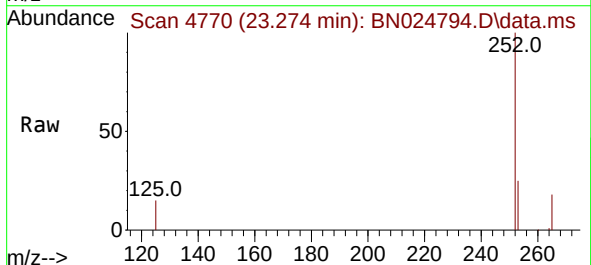
Instrument :
BNA_N
ClientSampleId :
SLCS751

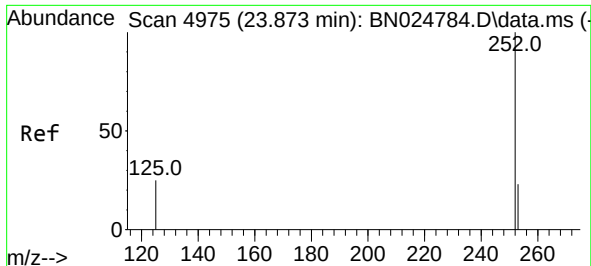
Tgt Ion:252 Resp: 39018
Ion Ratio Lower Upper
252 100
253 25.1 0.0 49.6
125 15.8 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.274 min Scan# 4770
Delta R.T. -0.006 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:252 Resp: 37589
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.2
125 15.2 13.1 19.7

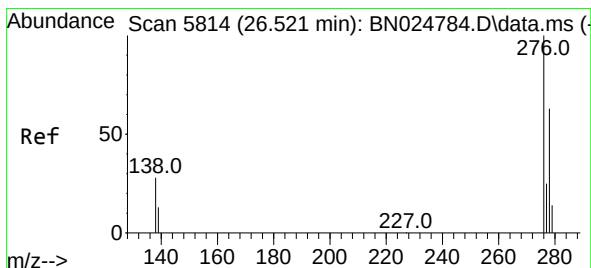
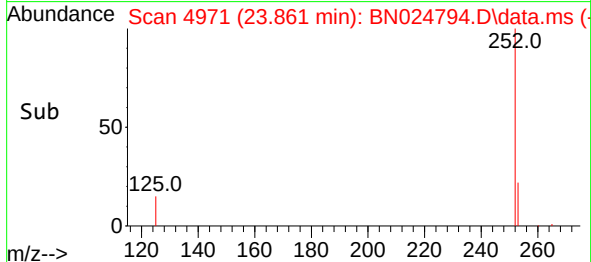
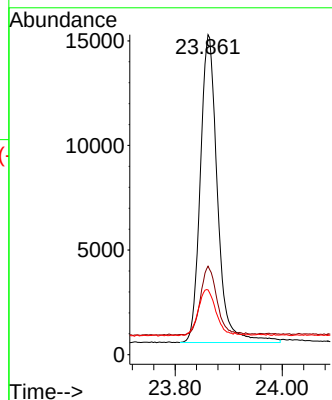
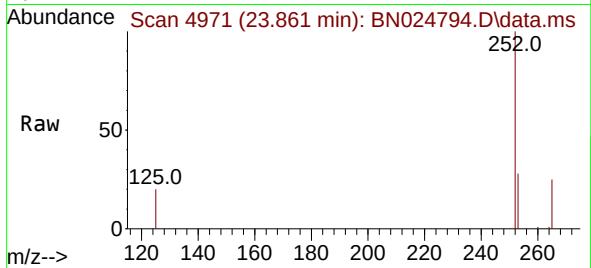




#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.861 min Scan# 4971
Delta R.T. -0.012 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

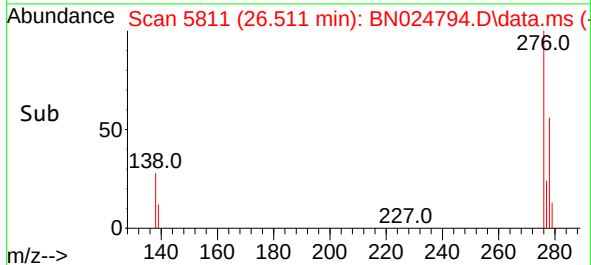
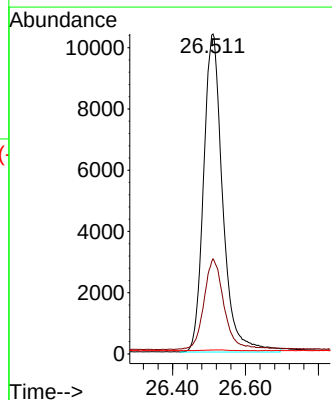
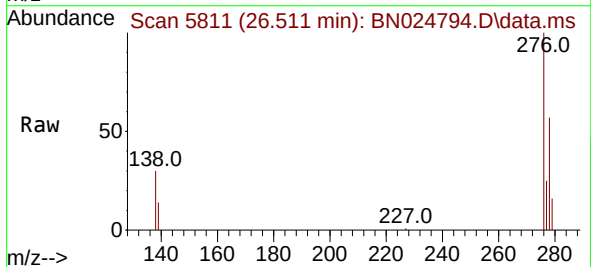
Instrument :
BNA_N
ClientSampleId :
SLCS751

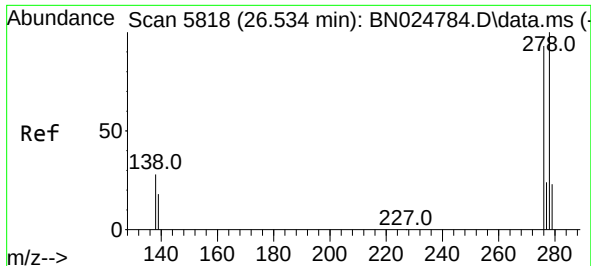
Tgt Ion:252 Resp: 32661
Ion Ratio Lower Upper
252 100
253 27.7 21.8 32.8
125 20.2 15.4 23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.511 min Scan# 5811
Delta R.T. -0.010 min
Lab File: BN024794.D
Acq: 06 Apr 2023 23:41

Tgt Ion:276 Resp: 37798
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
227 0.4 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.360 ng/ul

RT: 26.527 min Scan# 5816

Delta R.T. -0.007 min

Lab File: BN024794.D

Acq: 06 Apr 2023 23:41

Instrument :

BNA_N

ClientSampleId :

SLCS751

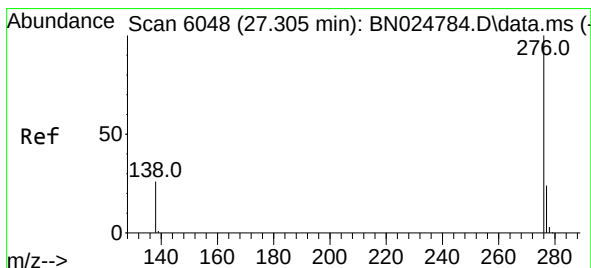
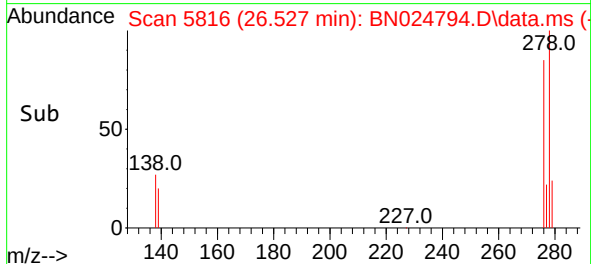
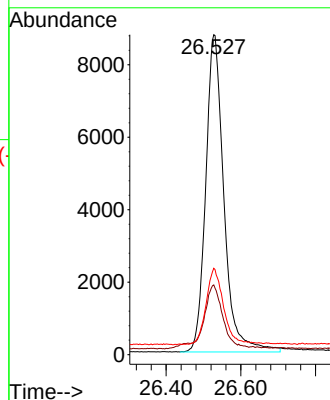
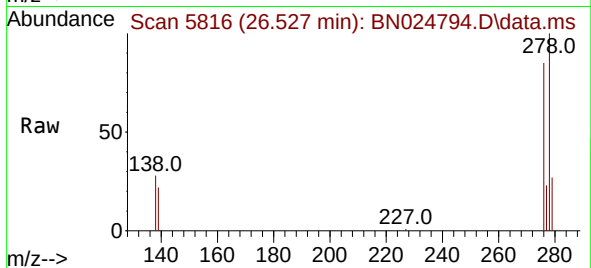
Tgt Ion:278 Resp: 29624

Ion Ratio Lower Upper

278 100

139 21.8 16.5 24.7

279 27.0 21.8 32.8



#29

Benzo(g,h,i)perylene

Concen: 0.350 ng/ul

RT: 27.295 min Scan# 6045

Delta R.T. -0.010 min

Lab File: BN024794.D

Acq: 06 Apr 2023 23:41

Tgt Ion:276 Resp: 30921

Ion Ratio Lower Upper

276 100

138 26.9 21.4 32.2

277 24.7 19.8 29.6

