

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013123\
 Data File : BN023869.D
 Acq On : 31 Jan 2023 19:53
 Operator : CG/JU
 Sample : PB150470BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS470

Quant Time: Feb 01 01:04:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:00:14 2023
 Response via : Initial Calibration

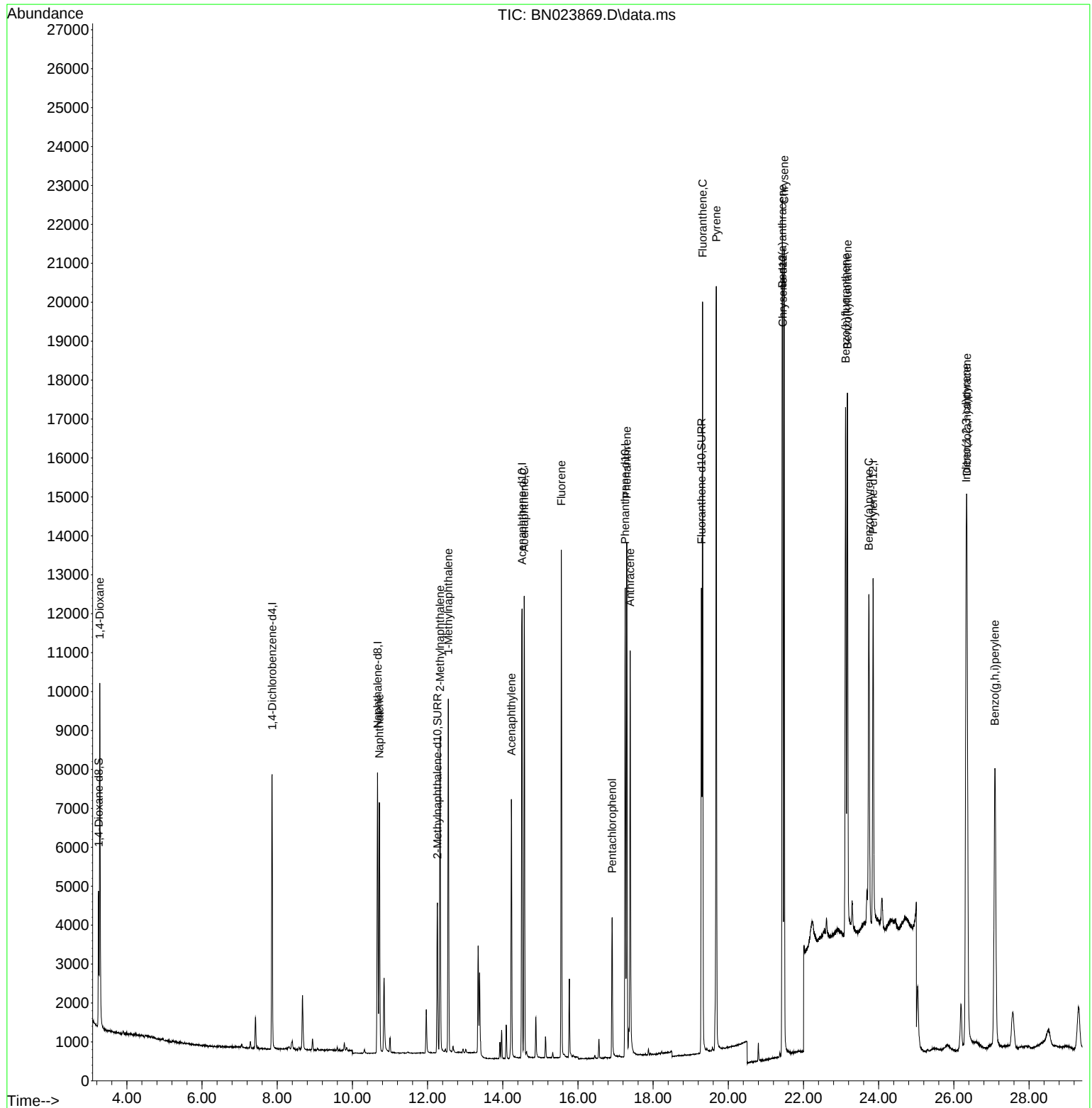
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.863	152	3578	0.400 ng/ul	0.00
4) Naphthalene-d8	10.666	136	9746	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.512	164	6229	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.256	188	14259	0.400 ng/ul	0.00
17) Chrysene-d12	21.450	240	13810	0.400 ng/ul	0.00
23) Perylene-d12	23.853	264	11934	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.247	96	2264	0.590 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	5001	0.328 ng/ul	0.00
18) Fluoranthene-d10	19.286	212	13200	0.356 ng/ul	0.00
Target Compounds					
				Qvalue	
2) 1,4-Dioxane	3.281	88	6052	1.489 ng/ul#	81
5) Naphthalene	10.716	128	8425	0.316 ng/ul	99
7) 2-Methylnaphthalene	12.333	142	5535	0.319 ng/ul	100
8) 1-Methylnaphthalene	12.553	142	5900	0.332 ng/ul	99
10) Acenaphthylene	14.229	152	7372	0.309 ng/ul	100
11) Acenaphthene	14.572	153	6541	0.312 ng/ul	99
12) Fluorene	15.557	166	7780	0.307 ng/ul	97
14) Pentachlorophenol	16.909	266	2503	0.532 ng/ul	100
15) Phenanthrene	17.298	178	13386	0.315 ng/ul	100
16) Anthracene	17.391	178	11446	0.322 ng/ul	99
19) Fluoranthene	19.314	202	16531	0.360 ng/ul	98
20) Pyrene	19.681	202	16906	0.356 ng/ul	100
21) Benzo(a)anthracene	21.432	228	16426	0.350 ng/ul	99
22) Chrysene	21.485	228	17189	0.348 ng/ul	99
24) Benzo(b)fluoranthene	23.119	252	18333	0.348 ng/ul	99
25) Benzo(k)fluoranthene	23.168	252	17466	0.339 ng/ul	98
26) Benzo(a)pyrene	23.739	252	14683	0.334 ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.329	276	20164	0.327 ng/ul	100
28) Dibenzo(a,h)anthracene	26.346	278	16392	0.333 ng/ul	96
29) Benzo(g,h,i)perylene	27.091	276	17089	0.337 ng/ul	99

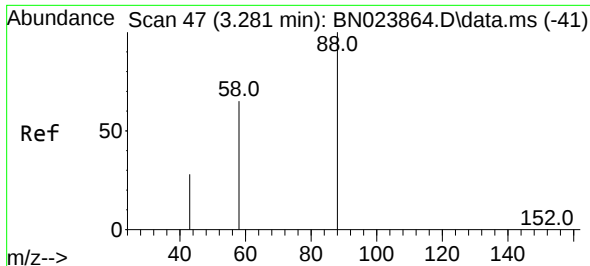
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 01:04:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:00:14 2023
Response via : Initial Calibration

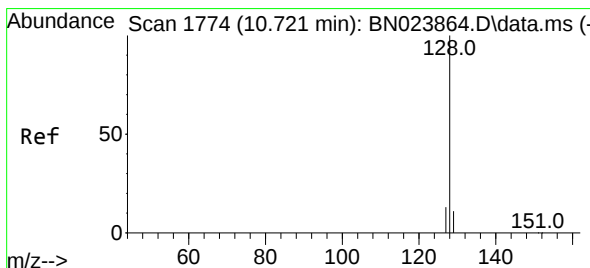
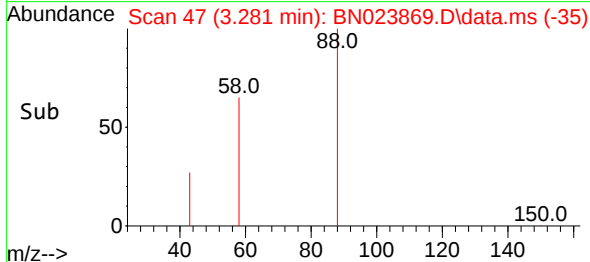
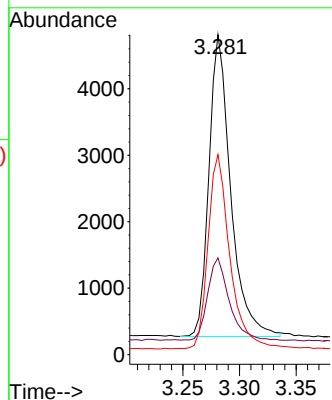
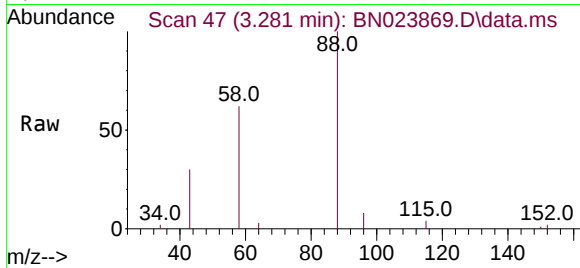




#2
1,4-Dioxane
Concen: 1.489 ng/ul
RT: 3.281 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

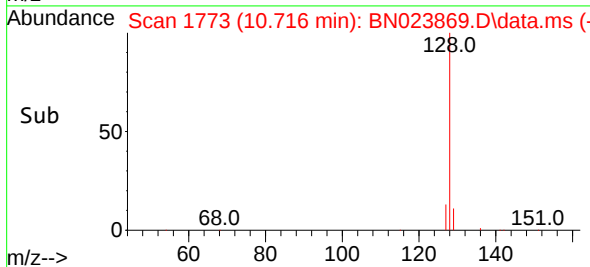
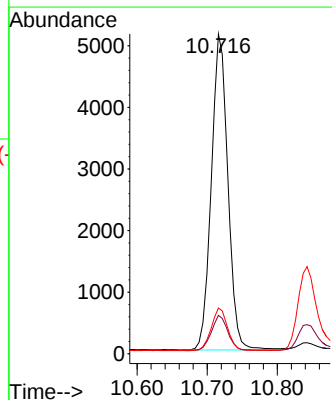
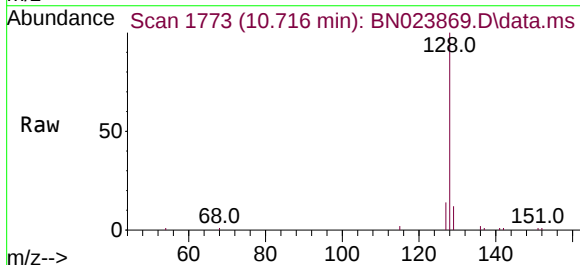
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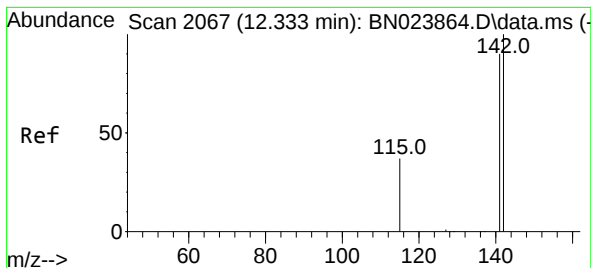
Tgt Ion: 88 Resp: 6052
Ion Ratio Lower Upper
88 100
43 30.3 41.9 62.9#
58 62.5 45.6 68.4



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.716 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion: 128 Resp: 8425
Ion Ratio Lower Upper
128 100
129 12.0 9.7 14.5
127 14.3 11.1 16.7

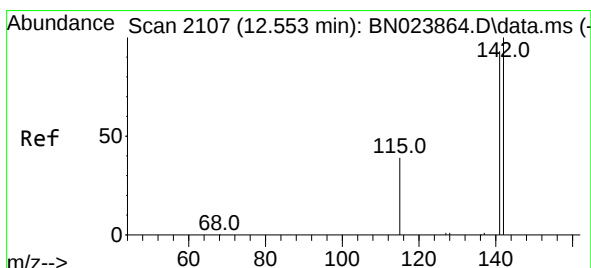
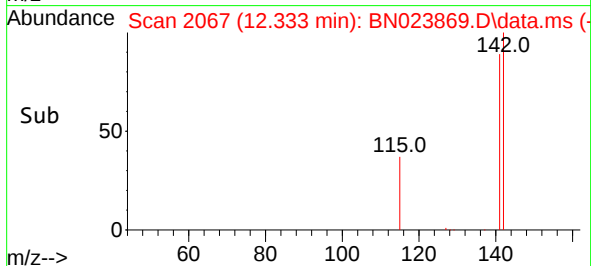
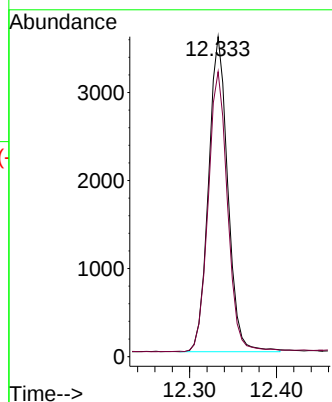
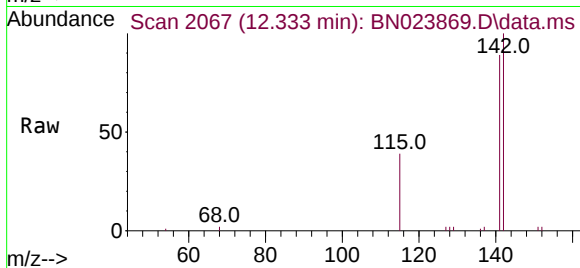




#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.333 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

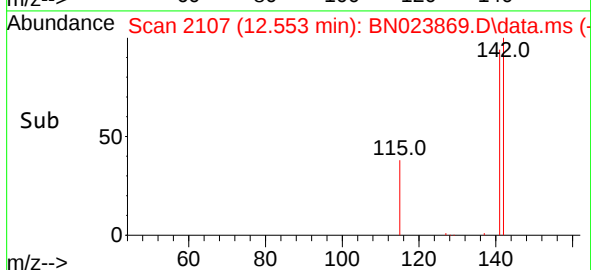
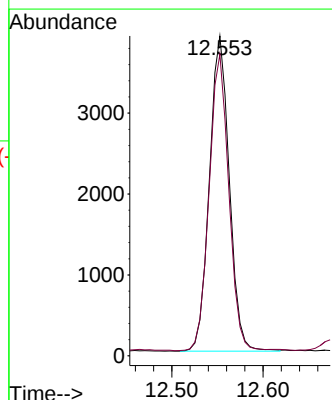
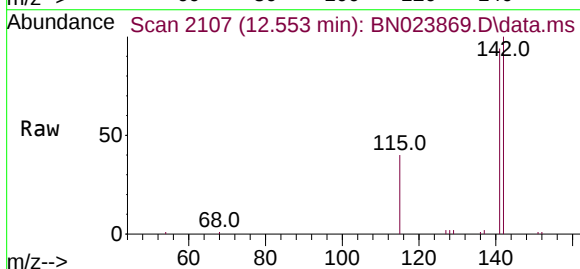
Instrument :
BNA_N
ClientSampleId :
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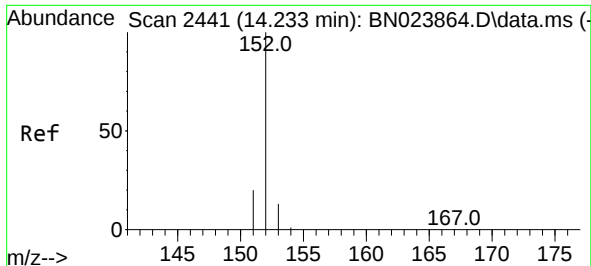
Tgt Ion:142 Resp: 5535
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.553 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:142 Resp: 5900
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

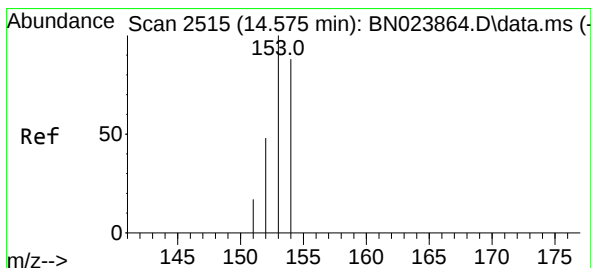
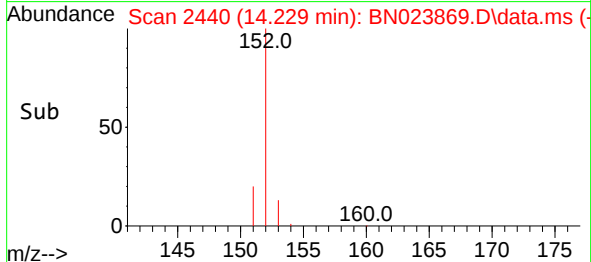
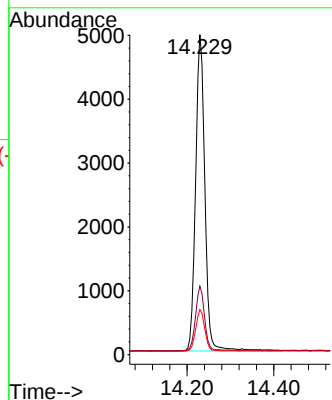
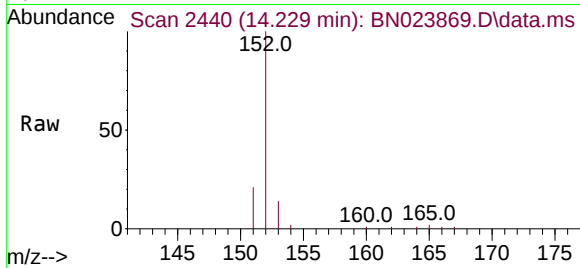




#10
Acenaphthylene
Concen: 0.309 ng/ul
RT: 14.229 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

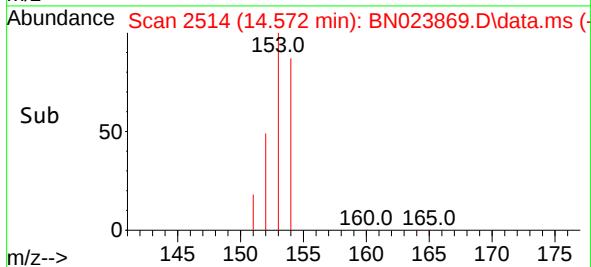
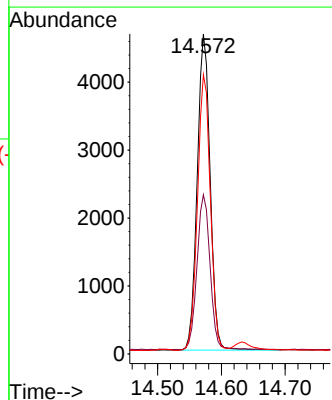
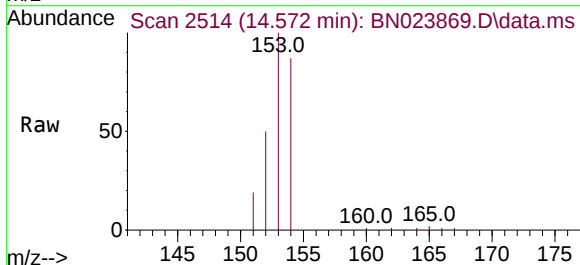
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BNA_N
ClientSampleId :
SLCS470

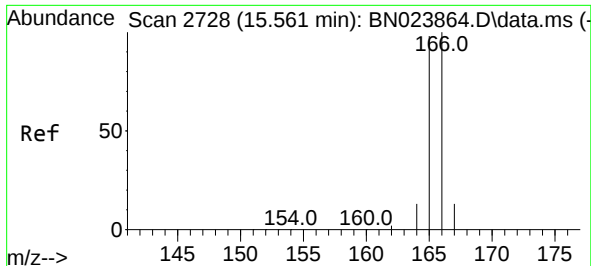
Tgt Ion:152 Resp: 7372
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.4
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.572 min Scan# 2514
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:153 Resp: 6541
Ion Ratio Lower Upper
153 100
152 49.7 39.6 59.4
154 87.3 68.8 103.2

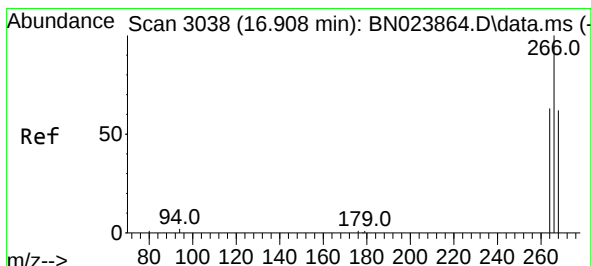
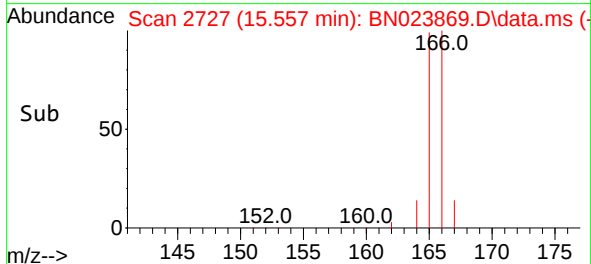
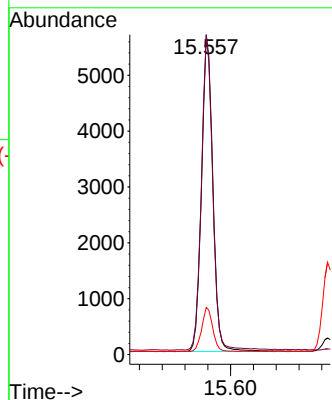
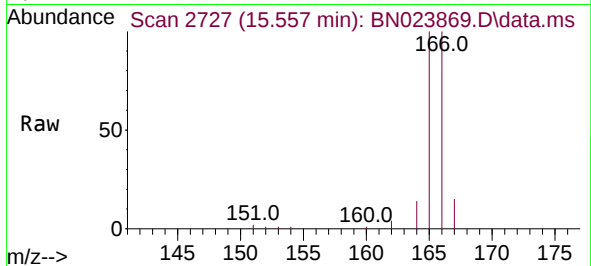




#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

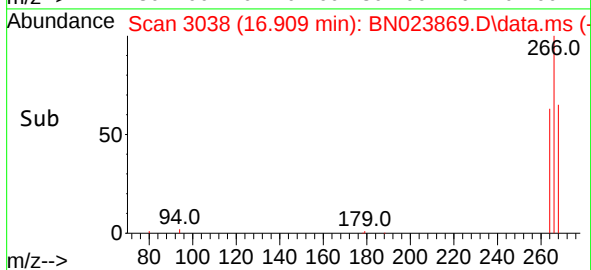
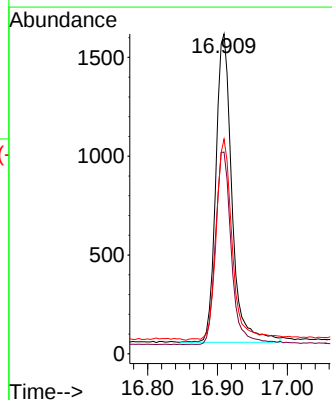
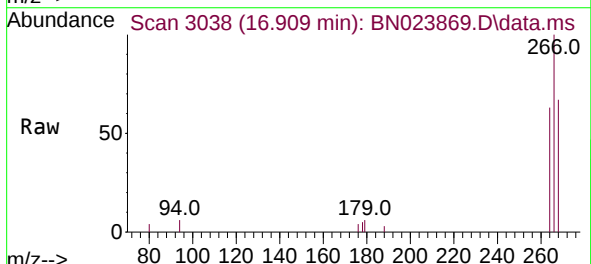
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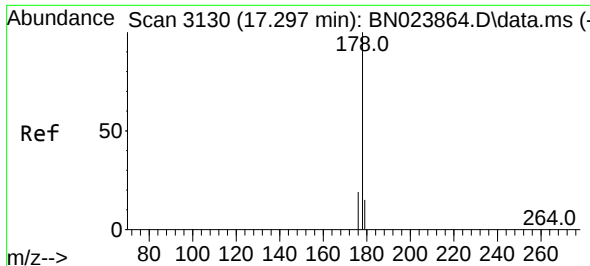
Tgt Ion:166 Resp: 7780
Ion Ratio Lower Upper
166 100
165 99.8 77.4 116.2
167 14.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.909 min Scan# 3038
Delta R.T. 0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:266 Resp: 2503
Ion Ratio Lower Upper
266 100
264 61.6 49.4 74.0
268 65.3 52.0 78.0

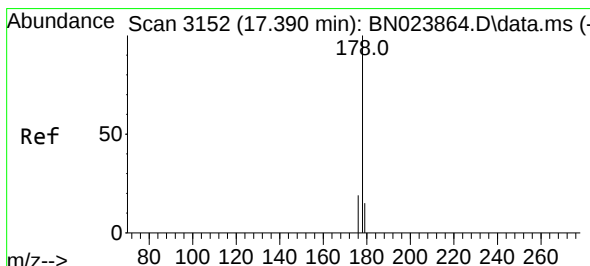
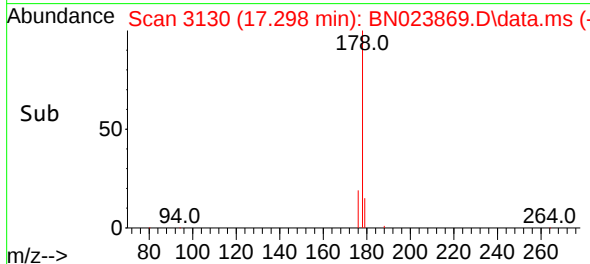
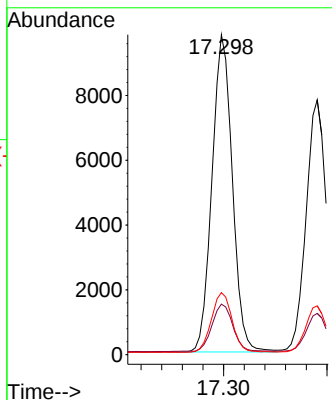
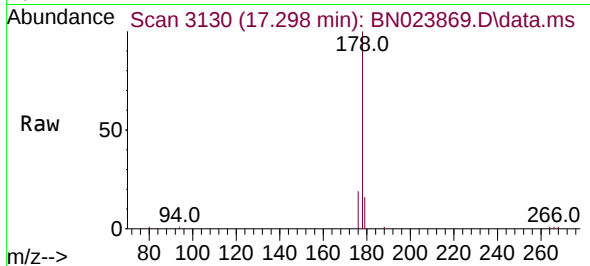




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.298 min Scan# 3130
Delta R.T. 0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

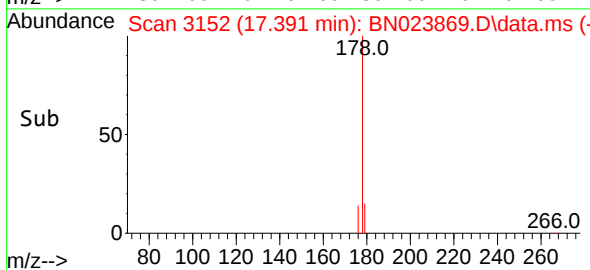
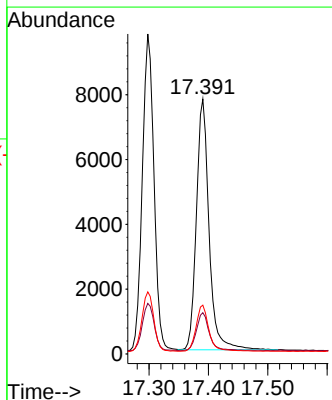
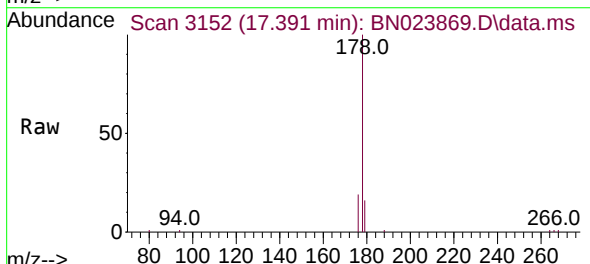
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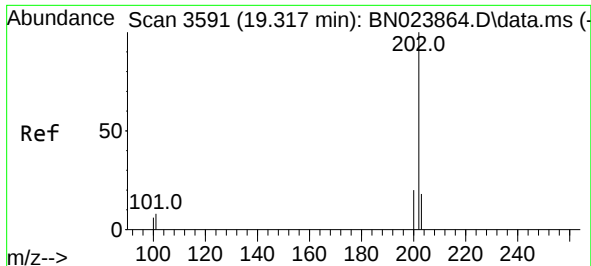
Tgt Ion:	178	Resp:	13386
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.4	15.7	23.5



#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.391 min Scan# 3152
Delta R.T. 0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:	178	Resp:	11446
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.0
176	19.1	15.4	23.2

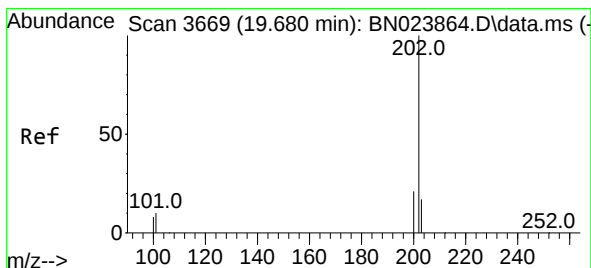
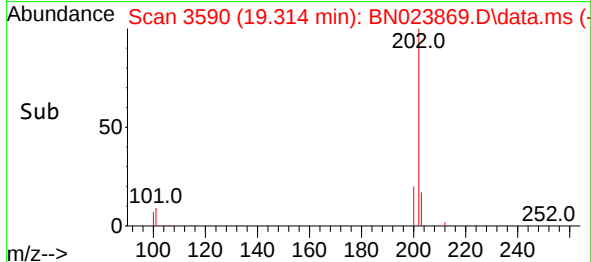
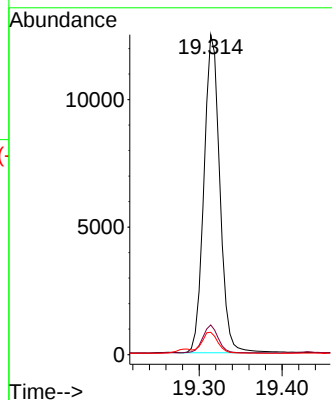
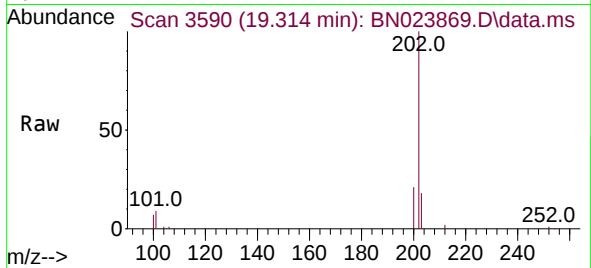




#19
Fluoranthene
Concen: 0.360 ng/ul
RT: 19.314 min Scan# 3591
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

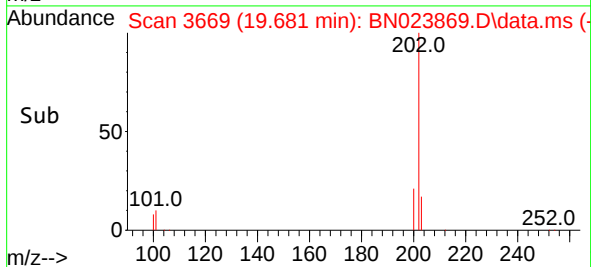
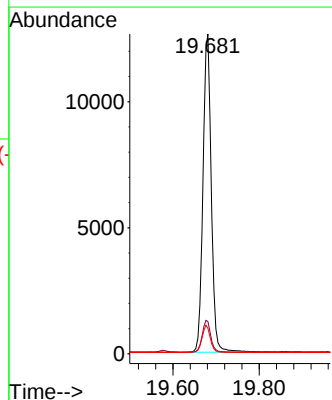
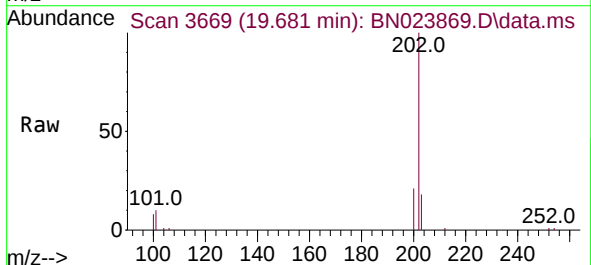
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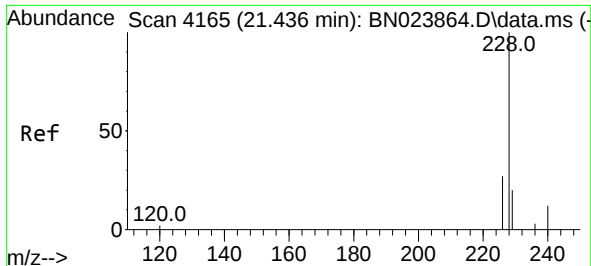
Tgt Ion:202 Resp: 16531
Ion Ratio Lower Upper
202 100
101 9.3 6.8 10.2
100 7.0 5.2 7.8



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.681 min Scan# 3669
Delta R.T. 0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:202 Resp: 16906
Ion Ratio Lower Upper
202 100
101 10.1 8.1 12.1
100 8.0 6.2 9.4

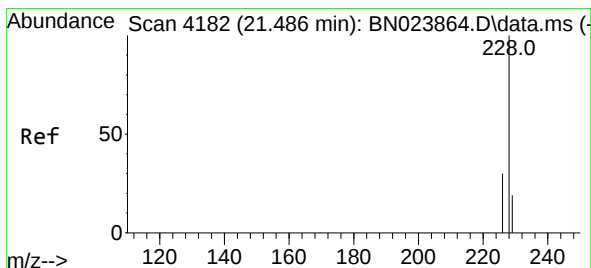
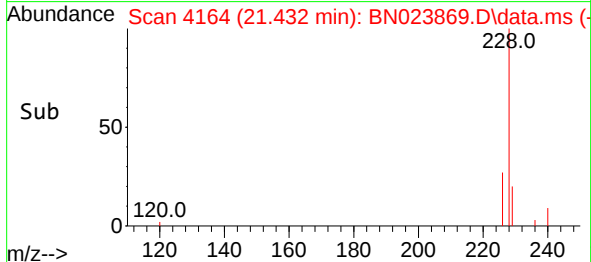
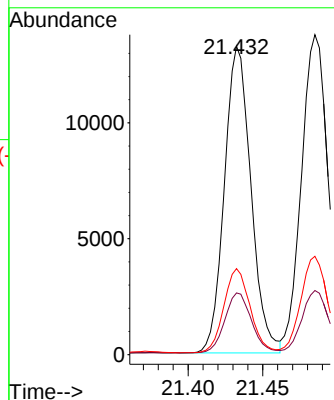
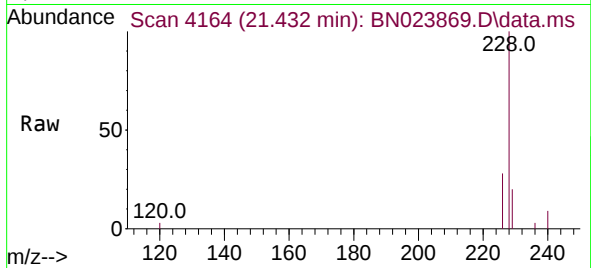




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.432 min Scan# 4165
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

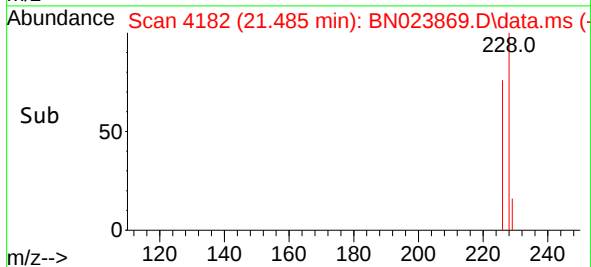
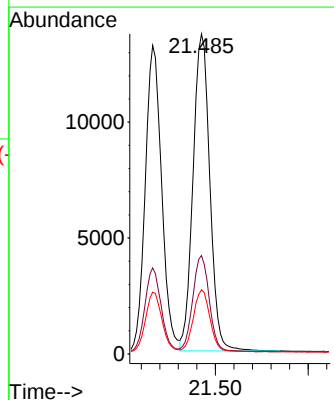
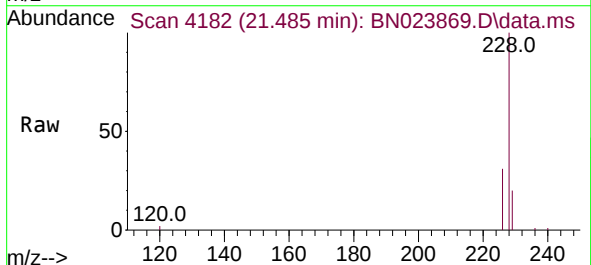
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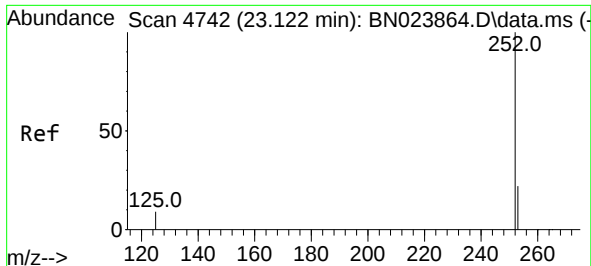
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Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.9 22.0 33.0



#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:228 Resp: 17189
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.0 15.5 23.3

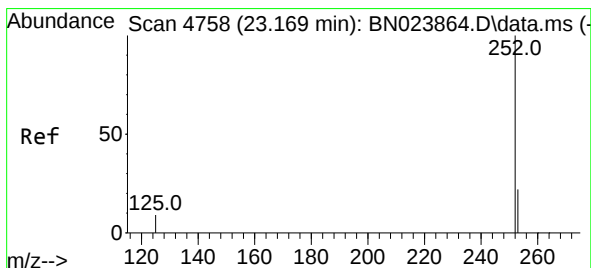
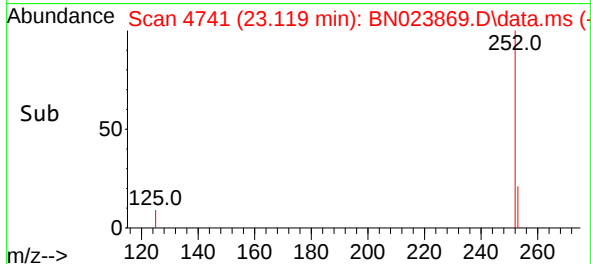
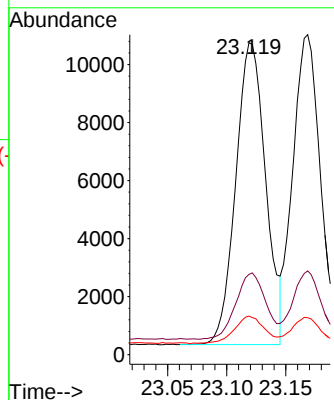
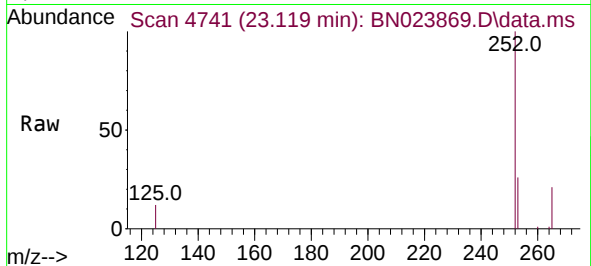




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.119 min Scan# 4741
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

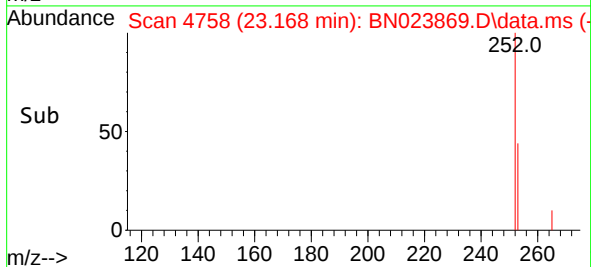
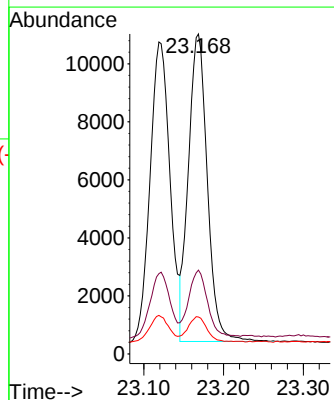
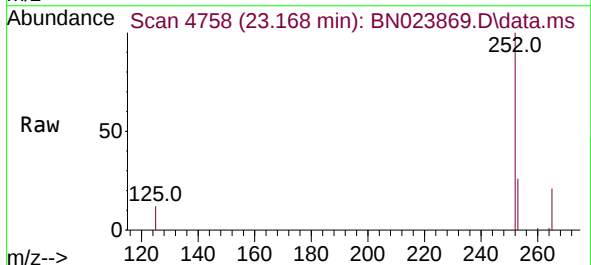
Instrument :
BNA_N
ClientSampleId :
SLCS470

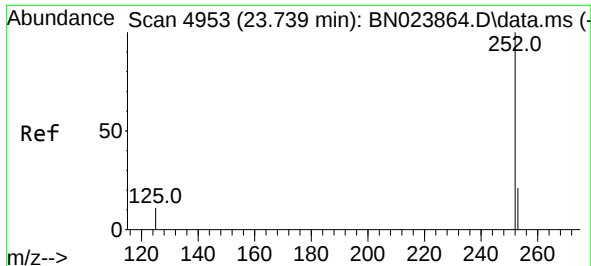
Tgt Ion:252 Resp: 18333
Ion Ratio Lower Upper
252 100
253 25.7 0.0 51.8
125 12.3 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.168 min Scan# 4758
Delta R.T. -0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:252 Resp: 17466
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 11.5 9.0 13.4

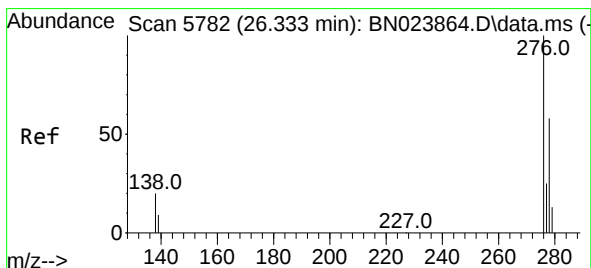
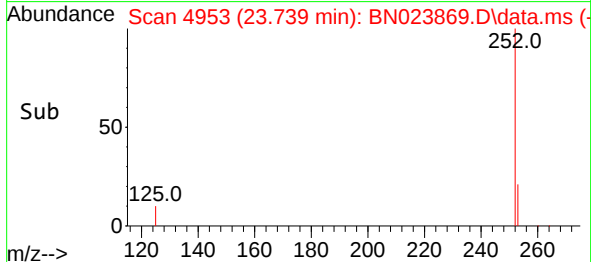
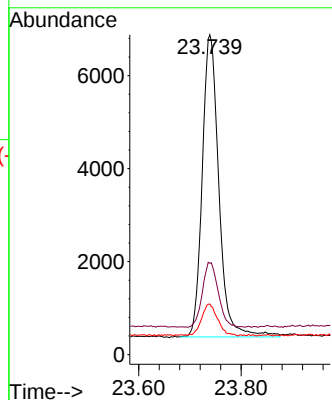
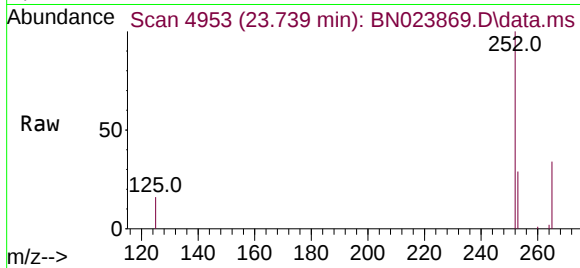




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.739 min Scan# 4953
Delta R.T. -0.001 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

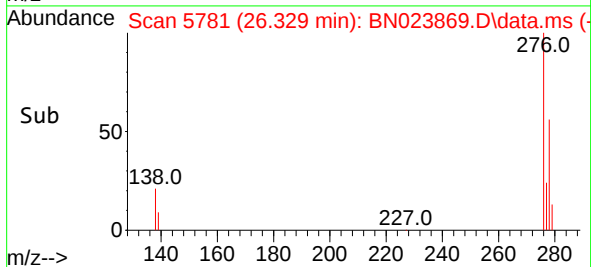
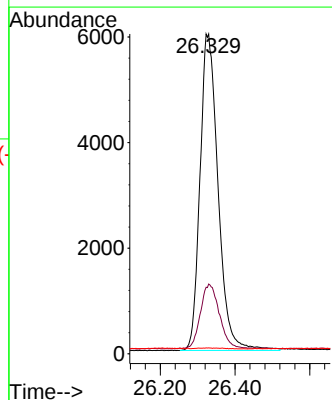
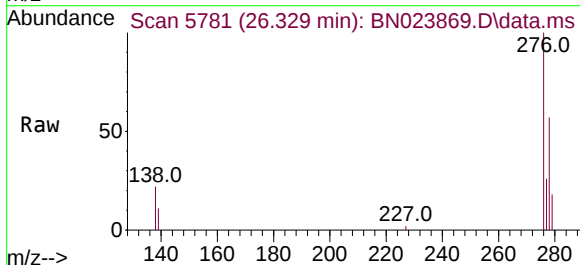
Instrument :
BNA_N
ClientSampleId :
SLCS470

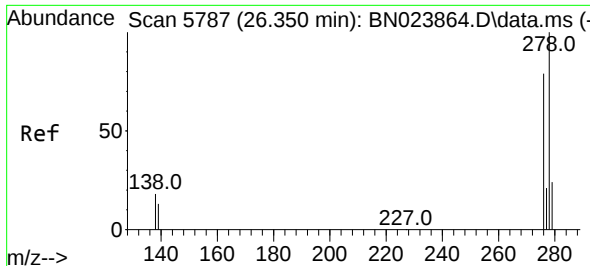
Tgt Ion:	252	Resp:	14683
Ion Ratio	Lower	Upper	
252	100		
253	28.6	21.5	32.3
125	15.9	11.2	16.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:	276	Resp:	20164
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.0	25.6
227	0.3	0.2	0.4

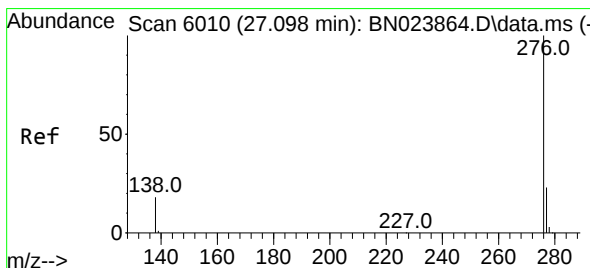
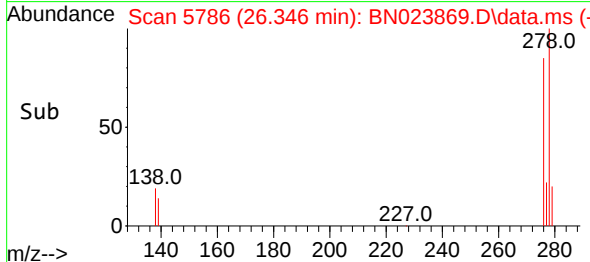
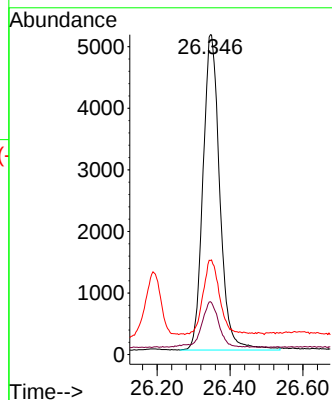
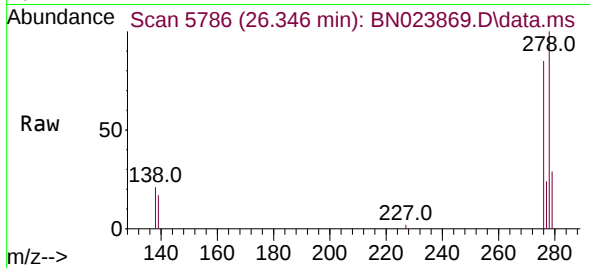




#28
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 26.346 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Instrument :
BNA_N
ClientSampleId :
SLCS470

Tgt Ion:278 Resp: 16392
Ion Ratio Lower Upper
278 100
139 16.5 12.3 18.5
279 29.4 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BN023869.D
Acq: 31 Jan 2023 19:53

Tgt Ion:276 Resp: 17089
Ion Ratio Lower Upper
276 100
138 20.4 15.3 22.9
277 24.8 19.9 29.9

