

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027523.D
 Acq On : 10 Sep 2023 04:23
 Operator : MA/JU
 Sample : PB155265BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS265

Quant Time: Sep 10 05:06:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

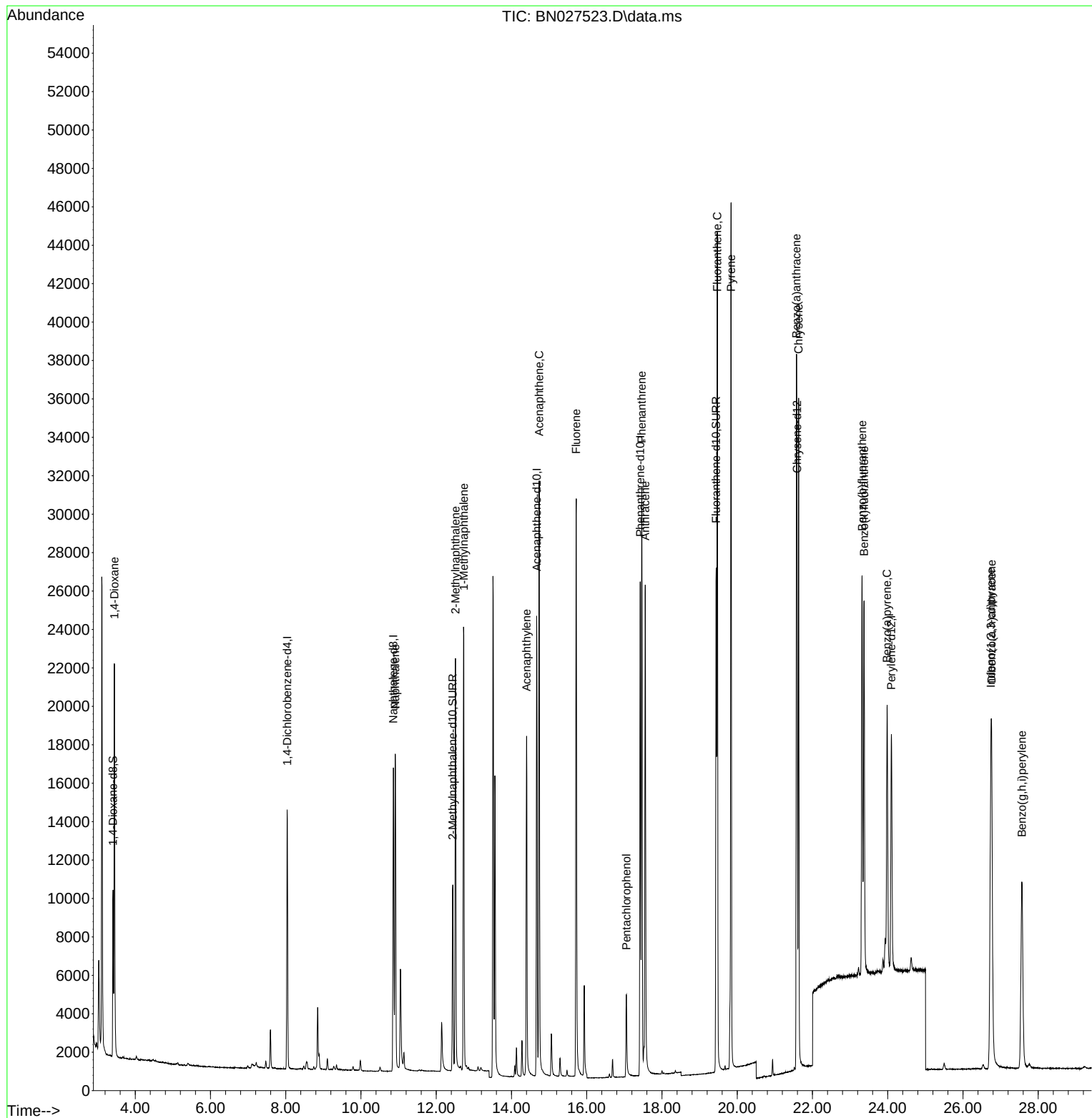
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6953	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	22650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.670	164	13715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	30945	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	21166	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	18501	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5742	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	13110	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	30168	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	14725	1.573	ng/ul#	84
5) Naphthalene	10.911	128	23164	0.353	ng/ul	100
7) 2-Methylnaphthalene	12.511	142	15287	0.372	ng/ul	100
8) 1-Methylnaphthalene	12.731	142	16259	0.371	ng/ul	100
10) Acenaphthylene	14.402	152	22305	0.355	ng/ul	99
11) Acenaphthene	14.735	153	18224	0.337	ng/ul	97
12) Fluorene	15.721	166	21213	0.350	ng/ul	98
14) Pentachlorophenol	17.054	266	3383	0.561	ng/ul	99
15) Phenanthrene	17.464	178	34776	0.345	ng/ul	99
16) Anthracene	17.557	178	29968	0.374	ng/ul	99
19) Fluoranthene	19.469	202	38026	0.391	ng/ul	99
20) Pyrene	19.836	202	38379	0.387	ng/ul	97
21) Benzo(a)anthracene	21.574	228	31437	0.412	ng/ul	99
22) Chrysene	21.630	228	31632	0.355	ng/ul	100
24) Benzo(b)fluoranthene	23.319	252	29509	0.338	ng/ul	96
25) Benzo(k)fluoranthene	23.369	252	28080	0.329	ng/ul	97
26) Benzo(a)pyrene	23.983	252	23778	0.348	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.743	276	28767	0.380	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.760	278	23119	0.399	ng/ul	97
29) Benzo(g,h,i)perylene	27.565	276	24376	0.356	ng/ul	97

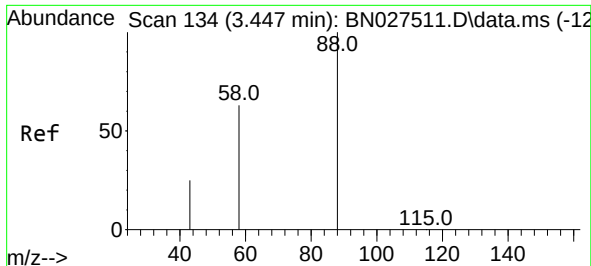
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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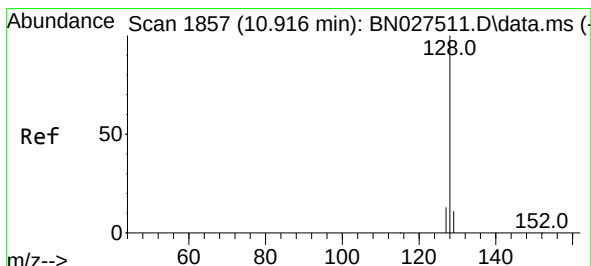
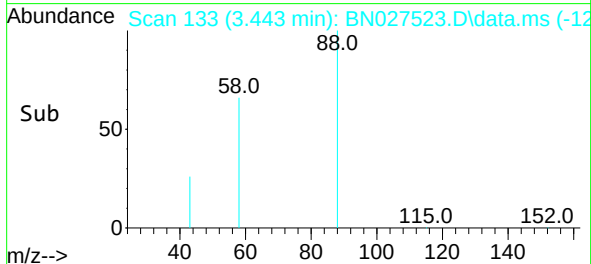
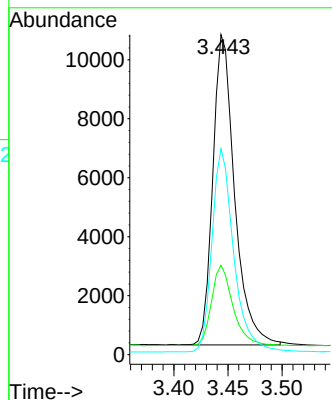
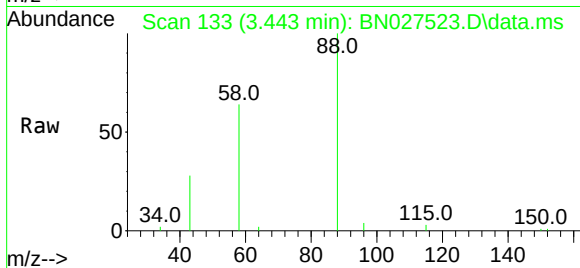




#2
1,4-Dioxane
Concen: 1.573 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

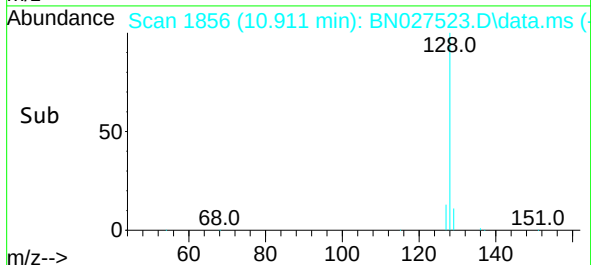
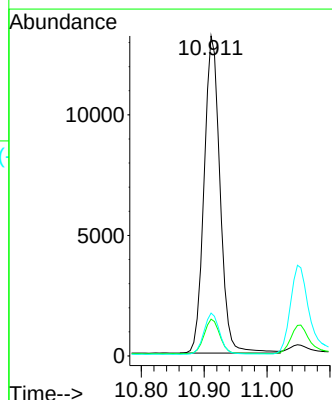
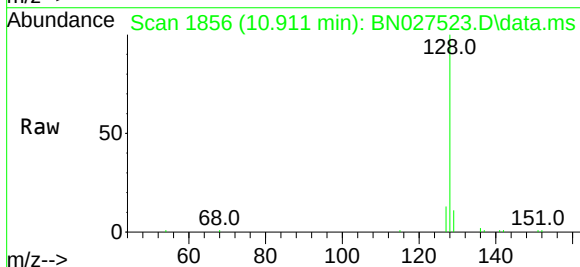
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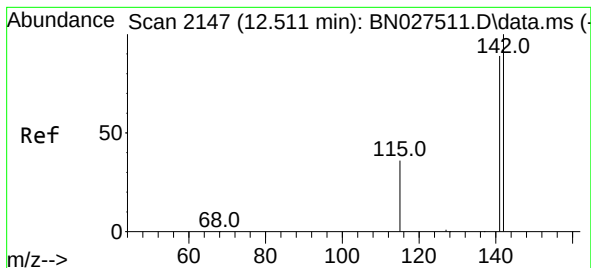
Tgt Ion: 88 Resp: 14725
Ion Ratio Lower Upper
88 100
43 27.9 26.8 40.2
58 64.4 39.9 59.9#



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion: 128 Resp: 23164
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.4 10.6 16.0

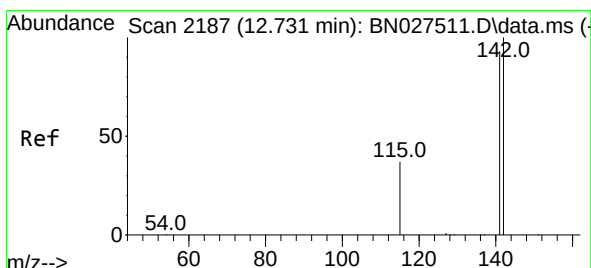
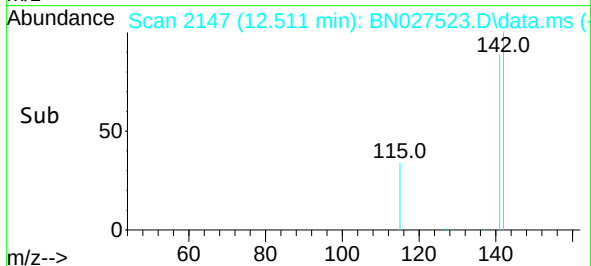
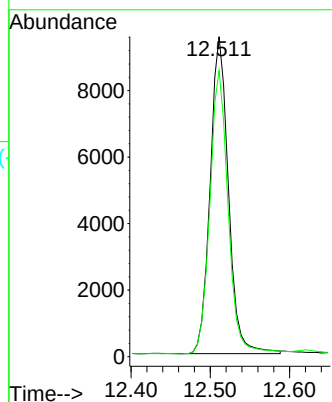
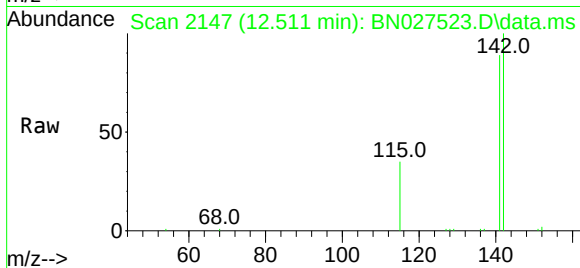




#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

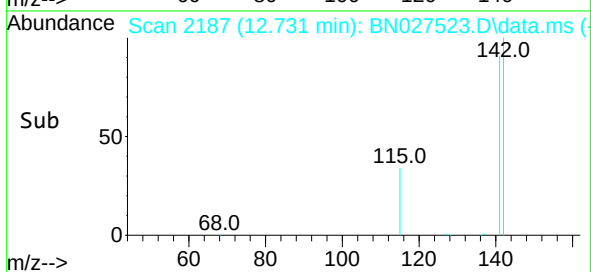
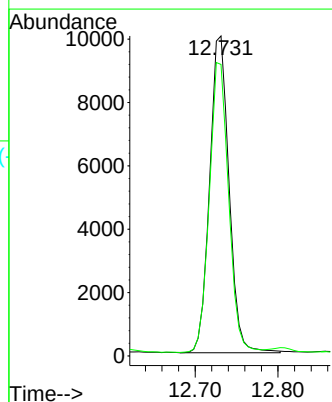
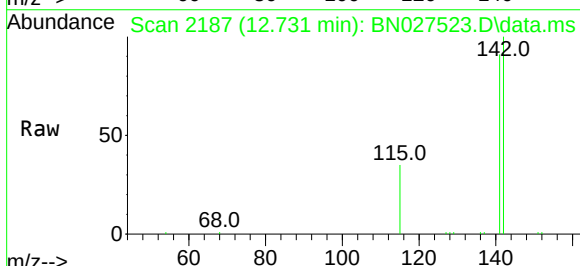
Instrument :
BNA_N
ClientSampleId :
SLCS265

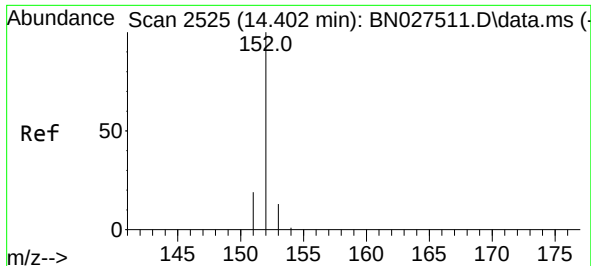
Tgt Ion:142 Resp: 15287
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:142 Resp: 16259
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4

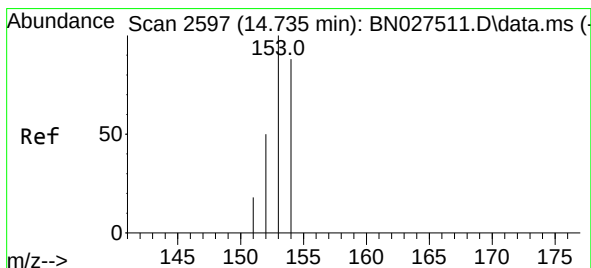
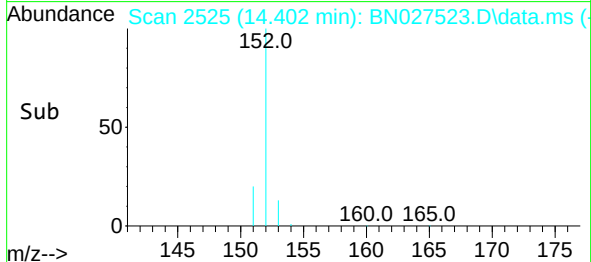
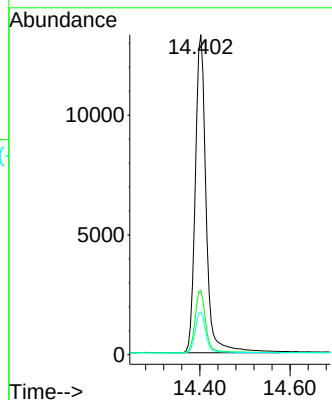
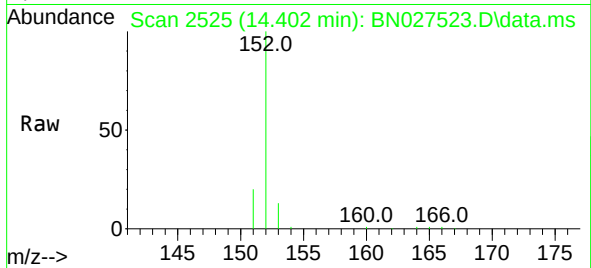




#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

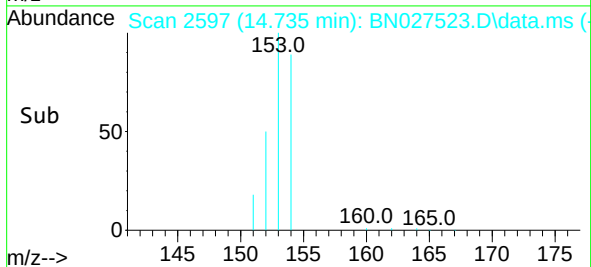
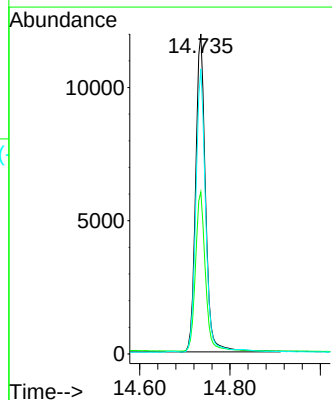
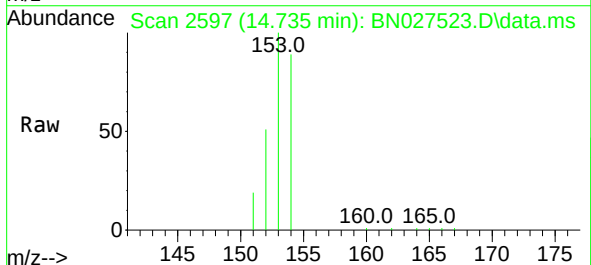
Instrument :
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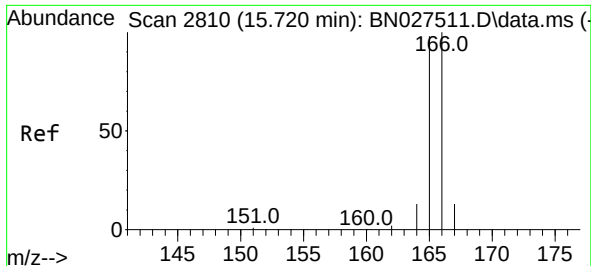
Tgt Ion:152 Resp: 22305
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:153 Resp: 18224
Ion Ratio Lower Upper
153 100
152 50.6 42.9 64.3
154 89.1 69.4 104.0

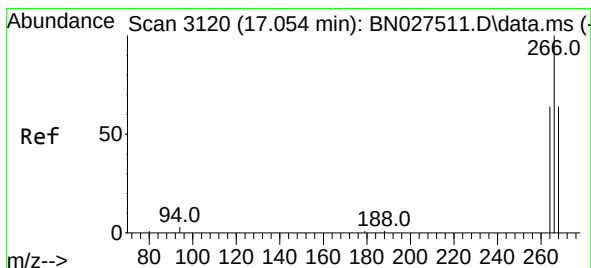
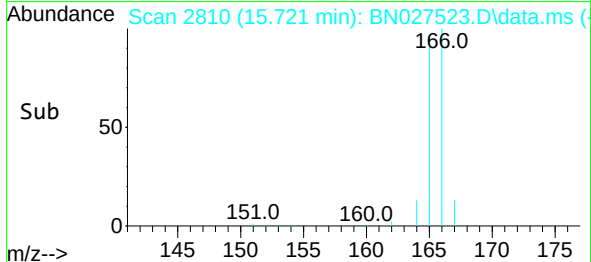
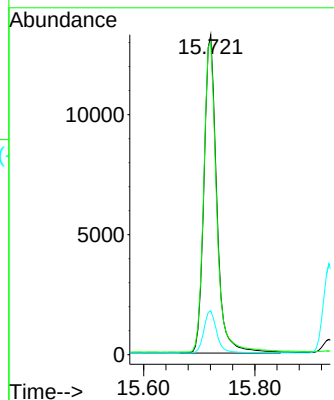
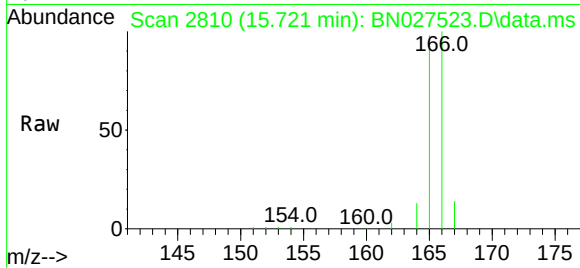




#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

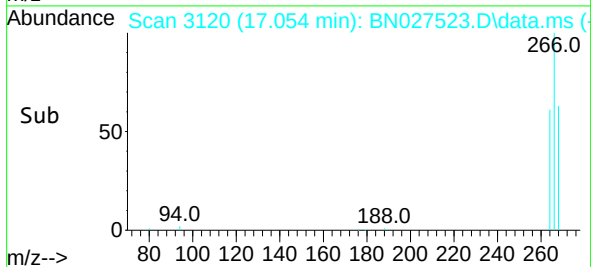
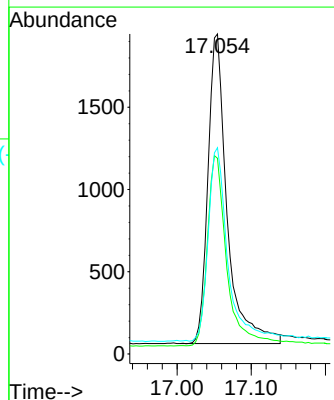
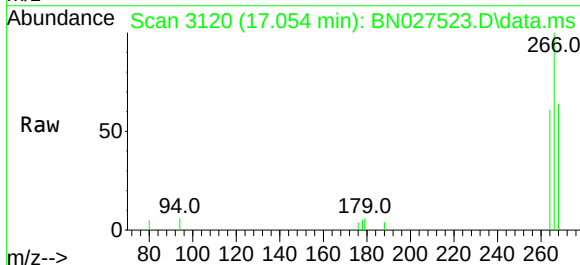
Instrument :
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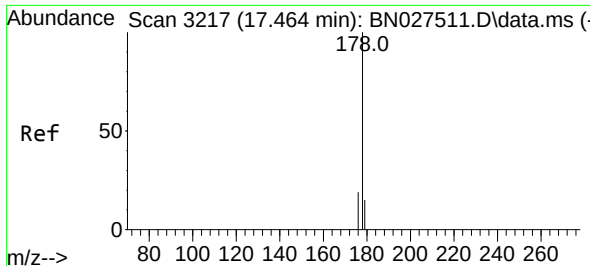
Tgt Ion:166 Resp: 21213
Ion Ratio Lower Upper
166 100
165 97.7 79.6 119.4
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.561 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:266 Resp: 3383
Ion Ratio Lower Upper
266 100
264 62.5 50.4 75.6
268 64.4 51.9 77.9

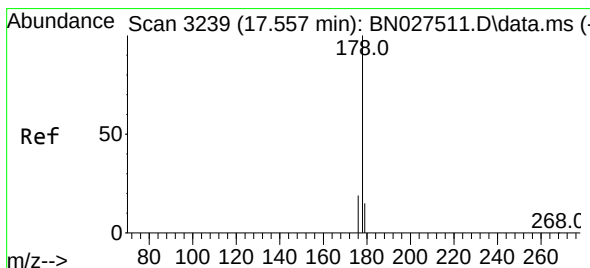
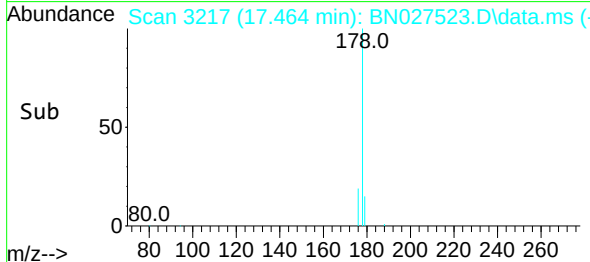
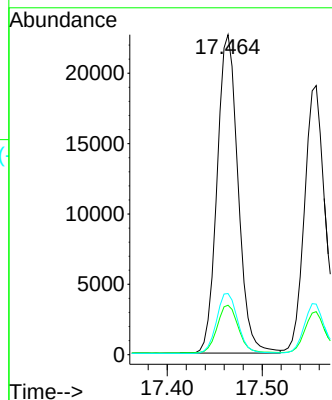
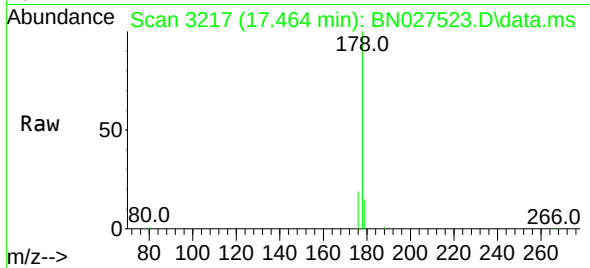




#15
Phenanthrene
Concen: 0.345 ng/u1
RT: 17.464 min Scan# 3217
Delta R.T. -0.004 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

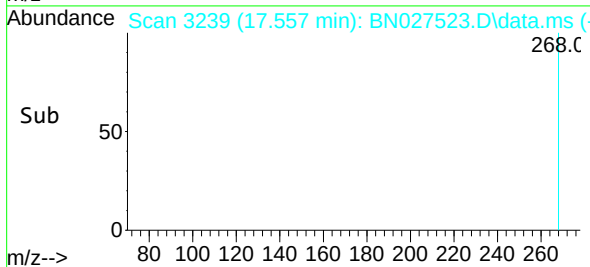
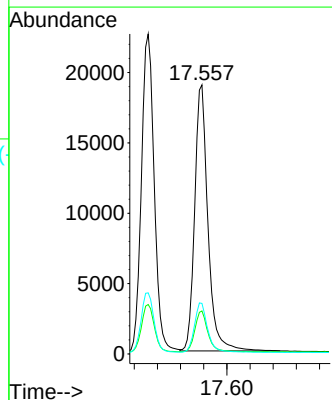
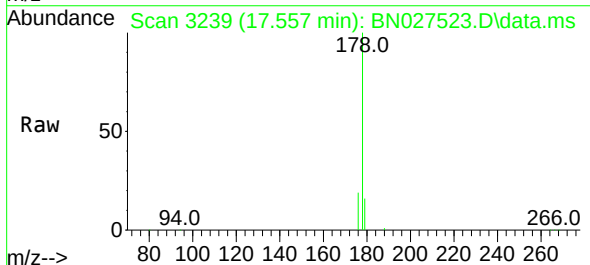
Instrument :
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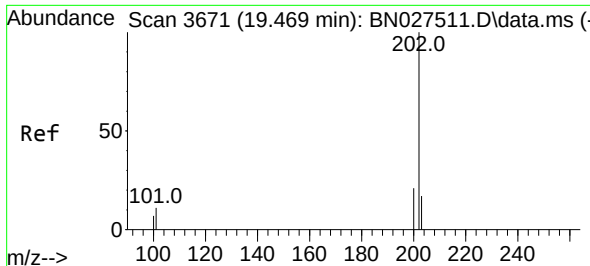
Tgt Ion:178 Resp: 34776
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.1 15.8 23.8



#16
Anthracene
Concen: 0.374 ng/u1
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:178 Resp: 29968
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 18.8 15.6 23.4

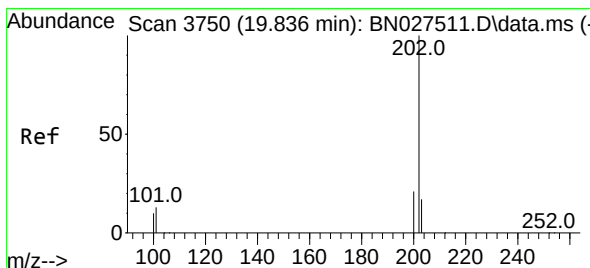
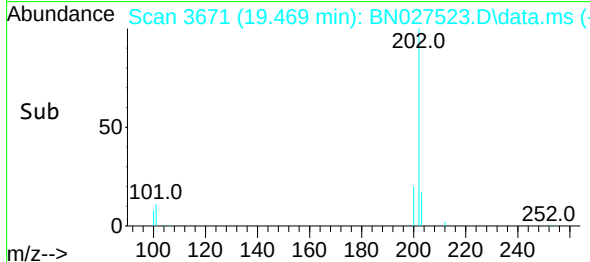
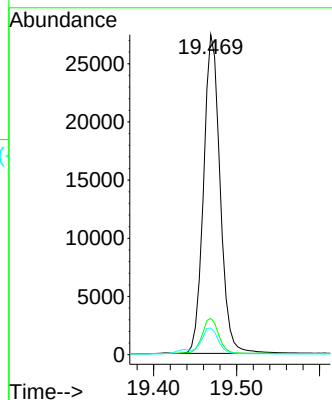
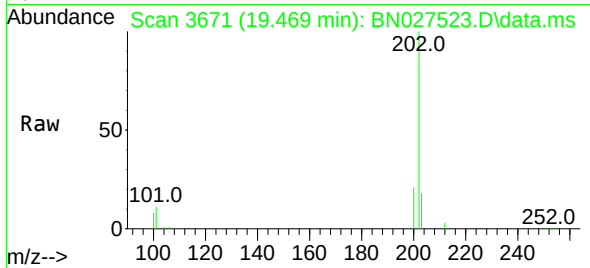




#19
Fluoranthene
Concen: 0.391 ng/u1
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

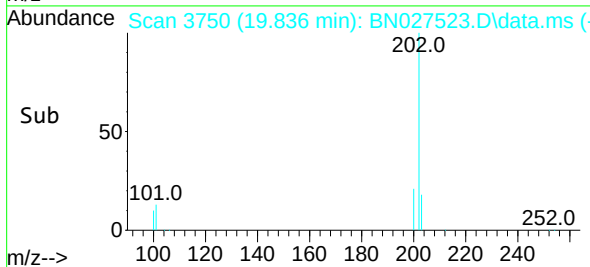
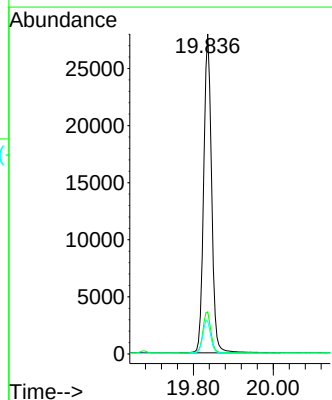
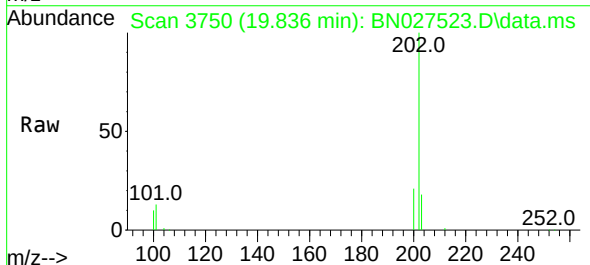
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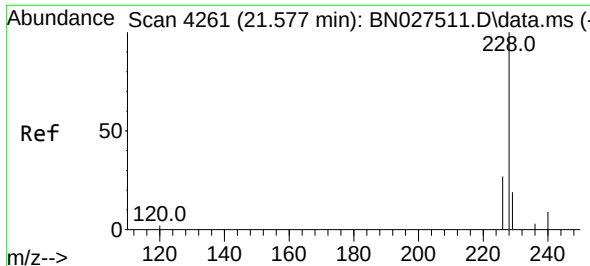
Tgt Ion:202 Resp: 38026
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.0
100 8.4 6.9 10.3



#20
Pyrene
Concen: 0.387 ng/u1
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:202 Resp: 38379
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.2 9.4 14.2

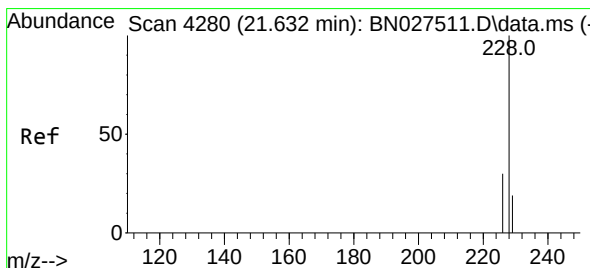
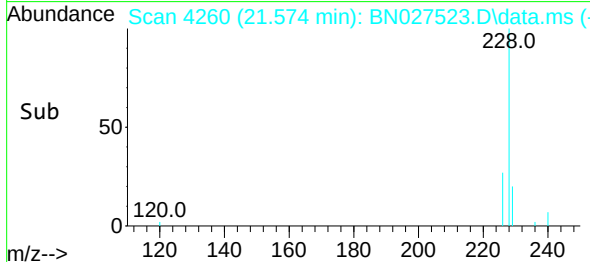
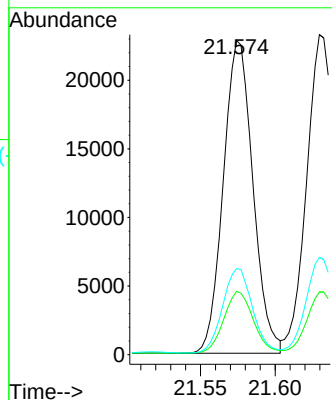
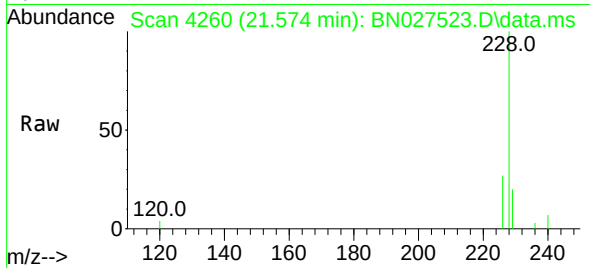




#21
Benzo(a)anthracene
Concen: 0.412 ng/ul
RT: 21.574 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

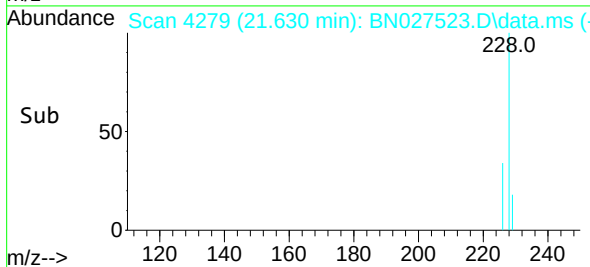
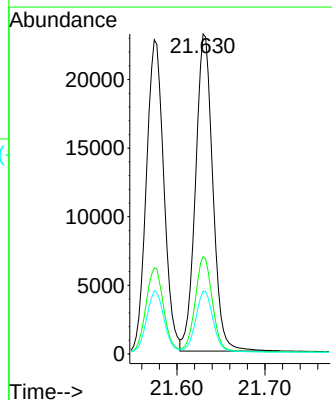
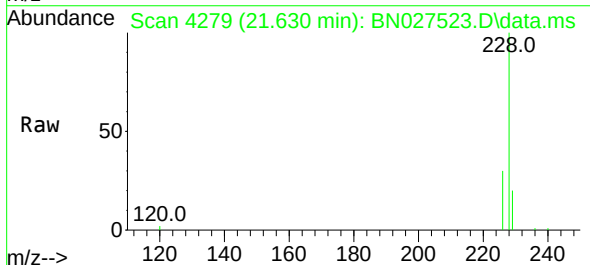
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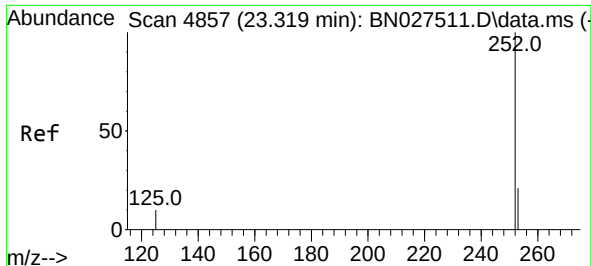
Tgt Ion:228 Resp: 31437
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:228 Resp: 31632
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.6 15.6 23.4

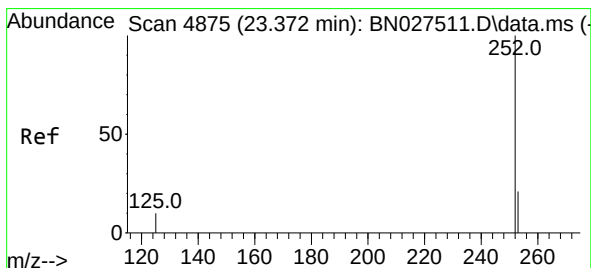
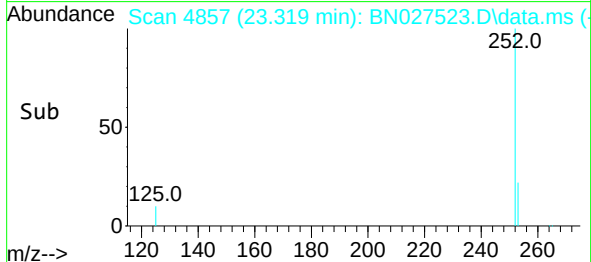
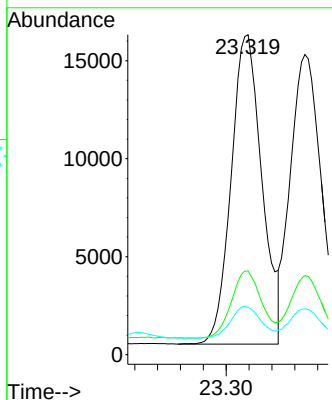
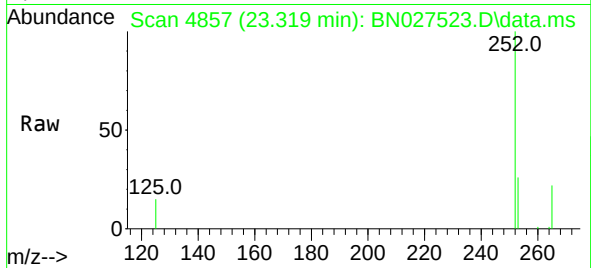




#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

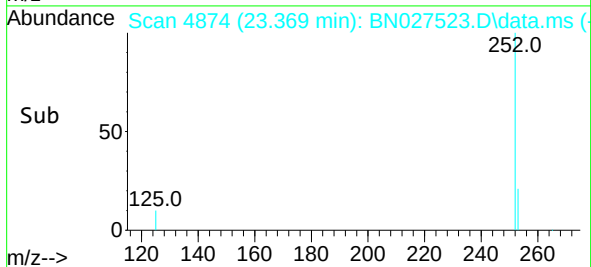
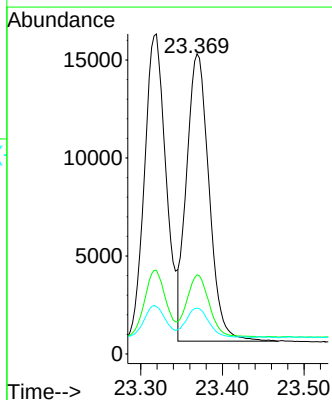
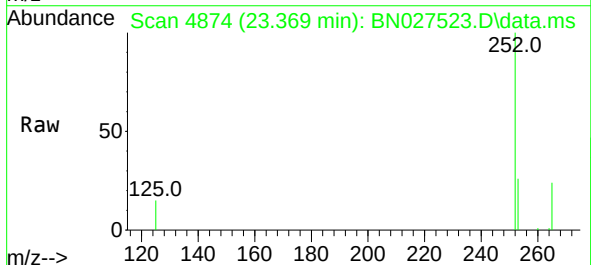
Instrument :
BNA_N
ClientSampleId :
SLCS265

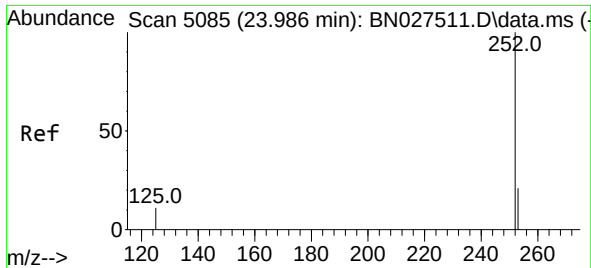
Tgt Ion:252 Resp: 29509
Ion Ratio Lower Upper
252 100
253 26.1 0.0 49.6
125 14.8 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. -0.009 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

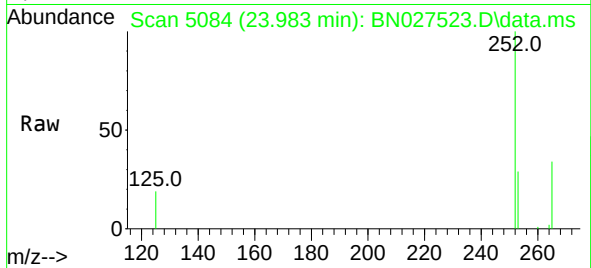
Tgt Ion:252 Resp: 28080
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 15.3 13.6 20.4



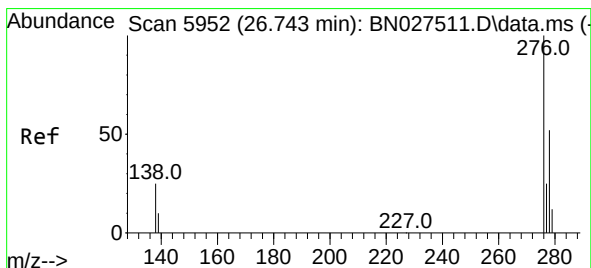
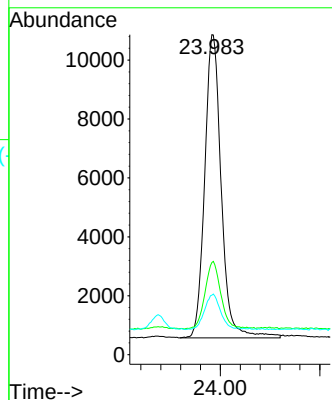
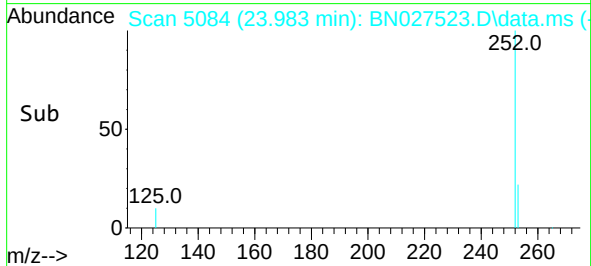


#26
Benzo(a)pyrene
Concen: 0.348 ng/ul
RT: 23.983 min Scan# 5084
Delta R.T. -0.012 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

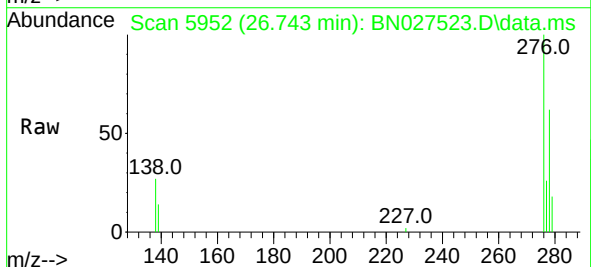
Instrument :
BNA_N
ClientSampleId :
SLCS265



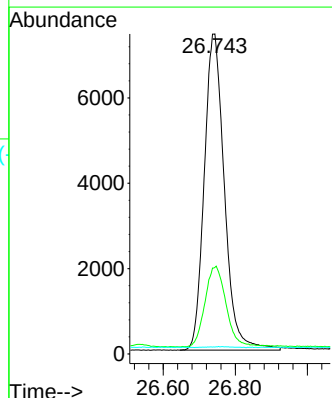
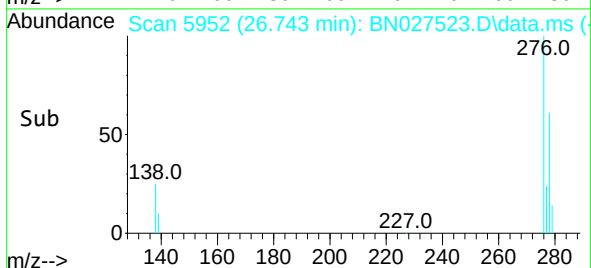
Tgt Ion:252 Resp: 23778
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 18.6 17.4 26.2

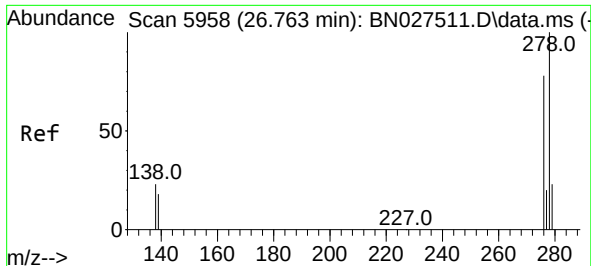


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.380 ng/ul
RT: 26.743 min Scan# 5952
Delta R.T. -0.011 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23



Tgt Ion:276 Resp: 28767
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.3 0.1 0.1#

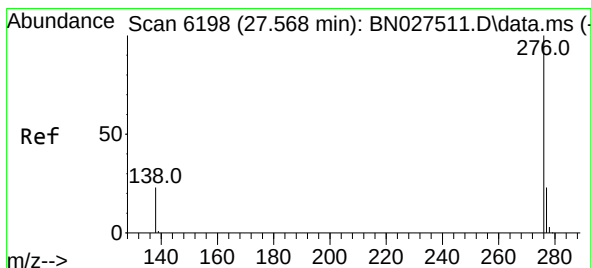
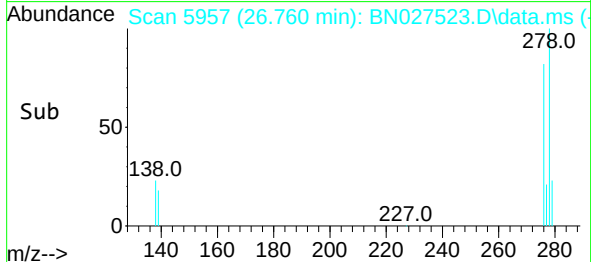
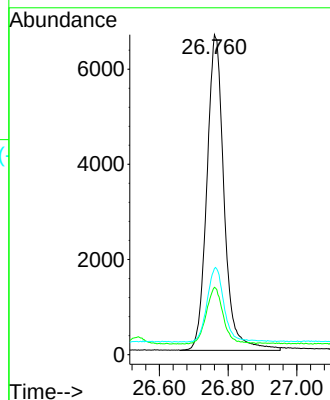
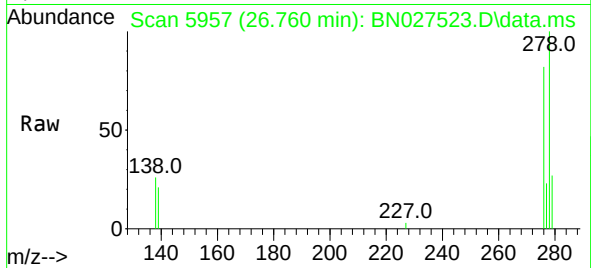




#28
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 26.760 min Scan# 5958
Delta R.T. -0.017 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Instrument :
BNA_N
ClientSampleId :
SLCS265

Tgt Ion:278 Resp: 23119
Ion Ratio Lower Upper
278 100
139 21.0 18.0 27.0
279 27.0 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.565 min Scan# 6197
Delta R.T. -0.017 min
Lab File: BN027523.D
Acq: 10 Sep 2023 04:23

Tgt Ion:276 Resp: 24376
Ion Ratio Lower Upper
276 100
138 25.0 22.1 33.1
277 25.5 20.2 30.4

