

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091223\
 Data File : BN027583.D
 Acq On : 11 Sep 2023 19:43
 Operator : MA/JU
 Sample : PB155158BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS158

Quant Time: Sep 12 02:13:49 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 : Tue Sep 12 02:09:21 2023
 Response via : Initial Calibration

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

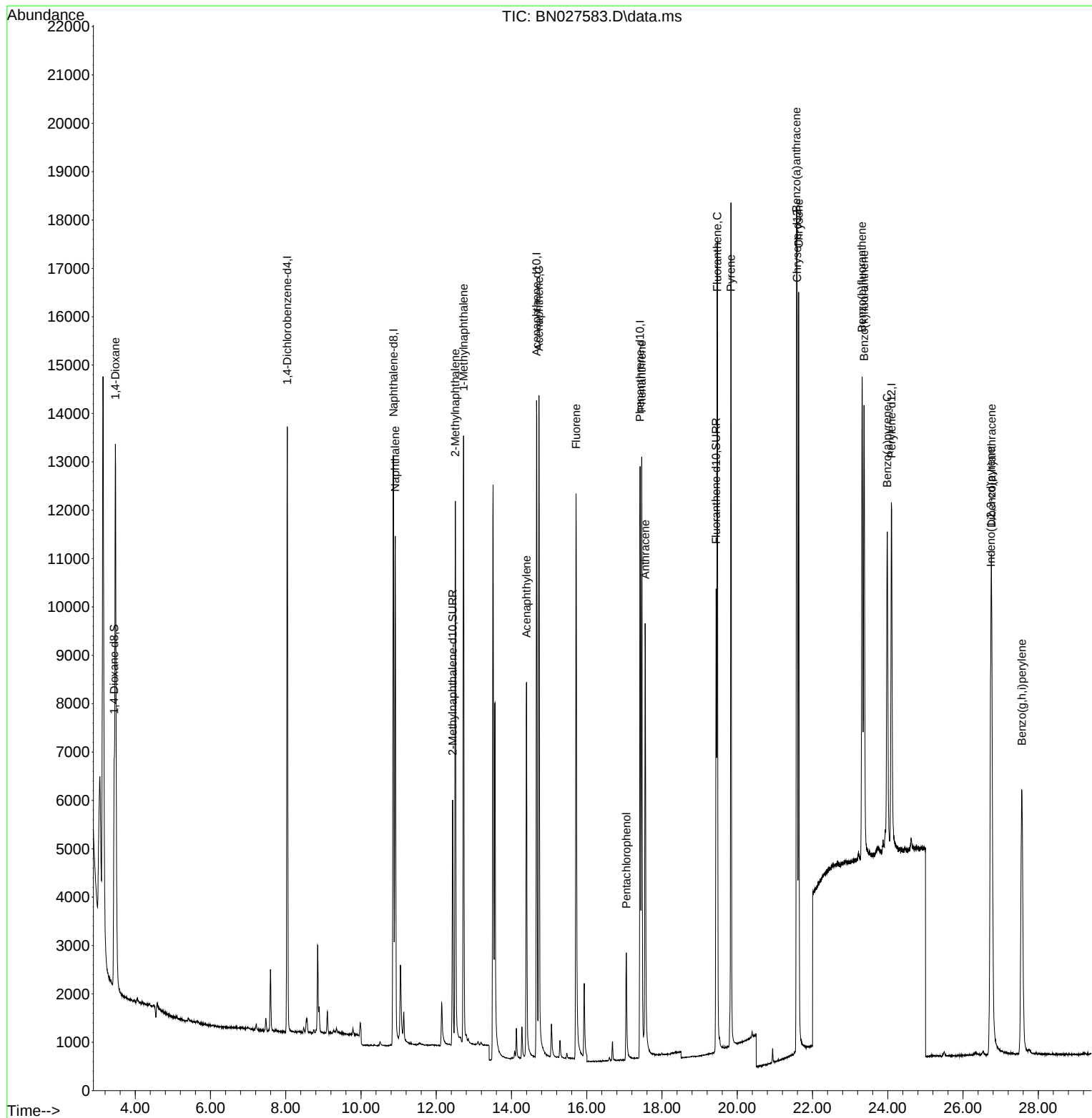
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	6803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	18243	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.418	188	15763	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	12193	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	11488	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4220	0.466	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	7038	0.254	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	11278	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.473	88	11876	1.297	ng/ul#	88
5) Naphthalene	10.911	128	14827	0.280	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	8472	0.256	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	8614	0.244	ng/ul	100
10) Acenaphthylene	14.398	152	10029	0.270	ng/ul	100
11) Acenaphthene	14.731	153	8541	0.267	ng/ul	98
12) Fluorene	15.716	166	9061	0.253	ng/ul	99
14) Pentachlorophenol	17.050	266	1786	0.581	ng/ul	99
15) Phenanthrene	17.460	178	13913	0.271	ng/ul	100
16) Anthracene	17.553	178	11409	0.279	ng/ul	100
19) Fluoranthene	19.469	202	14953	0.267	ng/ul	99
20) Pyrene	19.831	202	15338	0.269	ng/ul	99
21) Benzo(a)anthracene	21.574	228	14113	0.321	ng/ul	99
22) Chrysene	21.633	228	14444	0.282	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	14464	0.267	ng/ul	94
25) Benzo(k)fluoranthene	23.369	252	14119	0.266	ng/ul	94
26) Benzo(a)pyrene	23.986	252	11975	0.283	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.741	276	15906	0.338	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.757	278	12812	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	27.562	276	14077	0.331	ng/ul	98

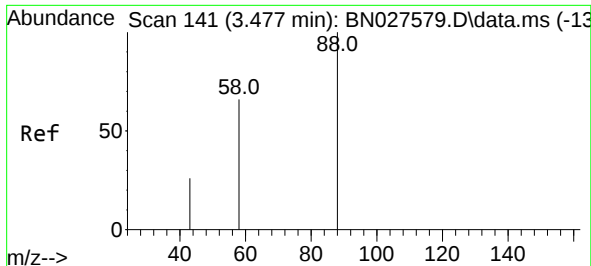
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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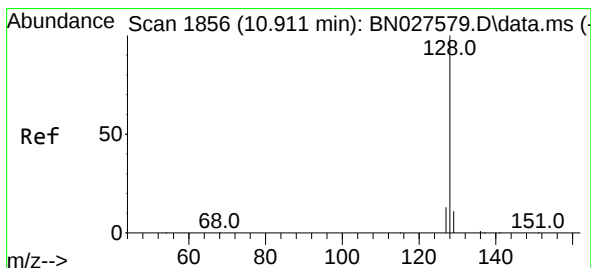
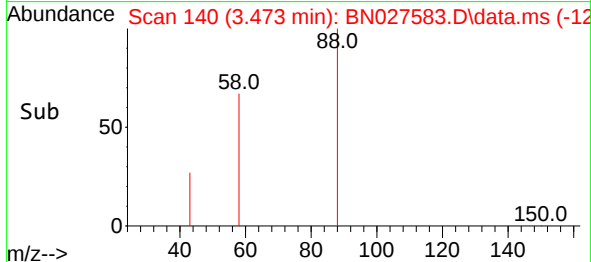
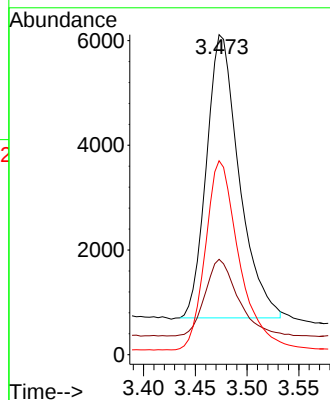
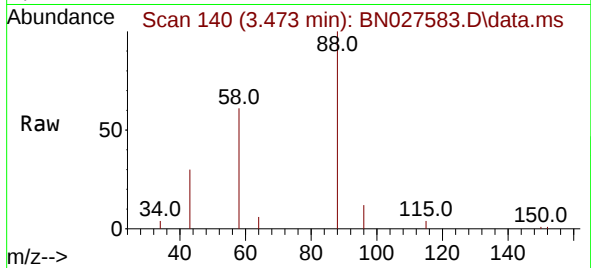




#2
1,4-Dioxane
Concen: 1.297 ng/ul
RT: 3.473 min Scan# 141
Delta R.T. -0.004 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

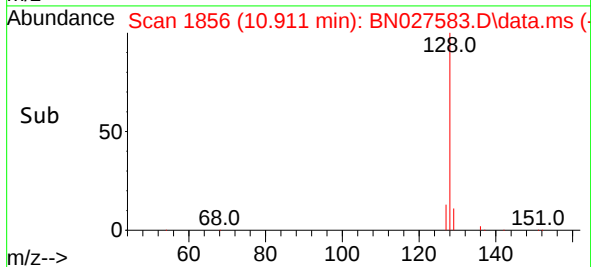
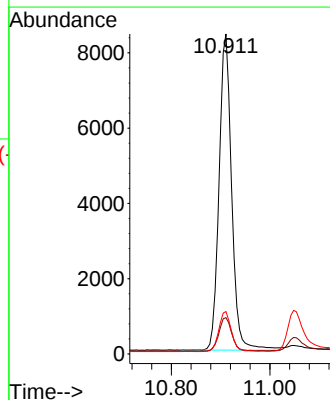
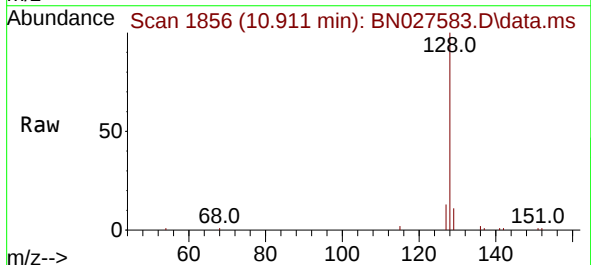
Instrument :
BNA_N
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SLCS158

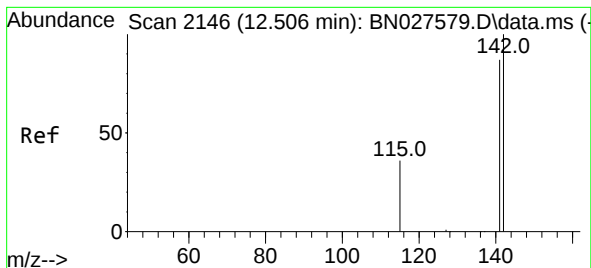
Tgt Ion: 88 Resp: 11876
Ion Ratio Lower Upper
88 100
43 29.8 26.8 40.2
58 60.6 39.9 59.9#



#5
Naphthalene
Concen: 0.280 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion: 128 Resp: 14827
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 10.6 16.0

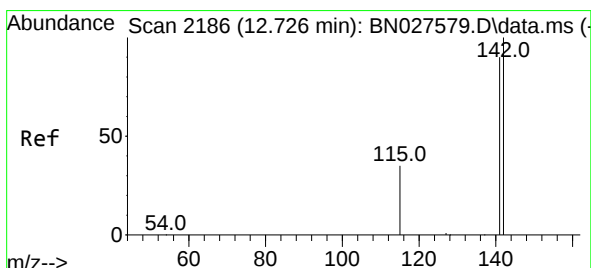
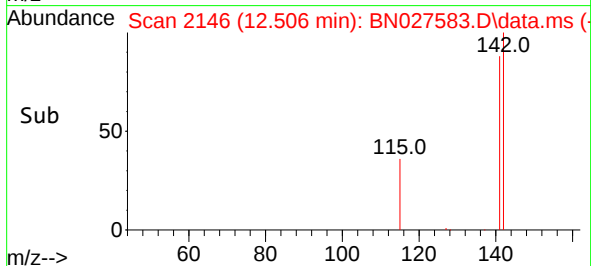
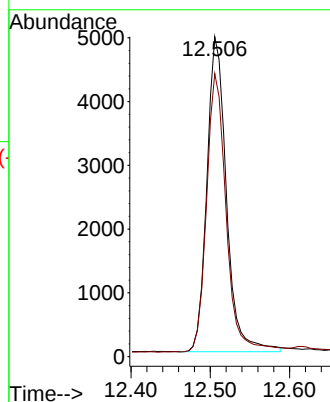
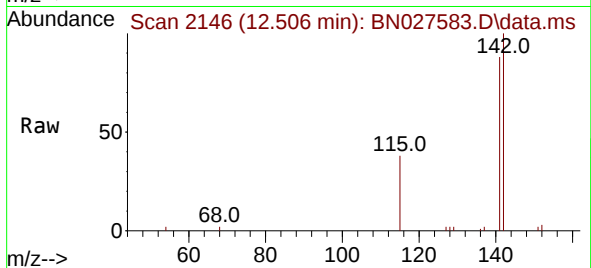




#7
2-Methylnaphthalene
Concen: 0.256 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

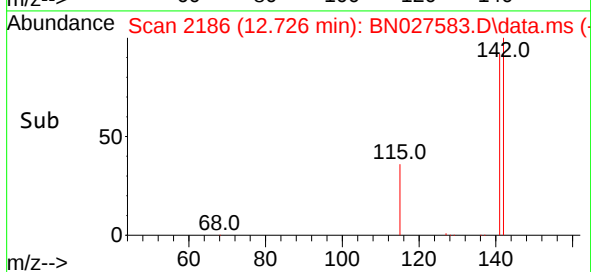
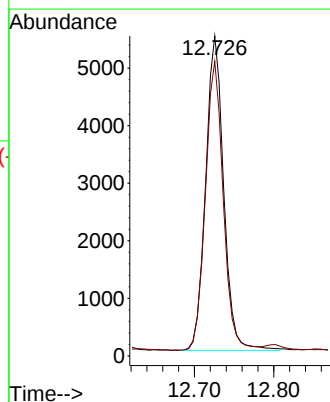
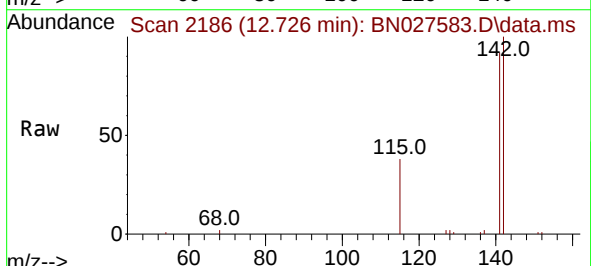
Instrument :
BNA_N
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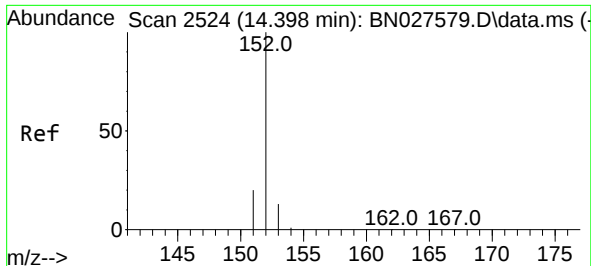
Tgt Ion:142 Resp: 8472
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:142 Resp: 8614
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.4

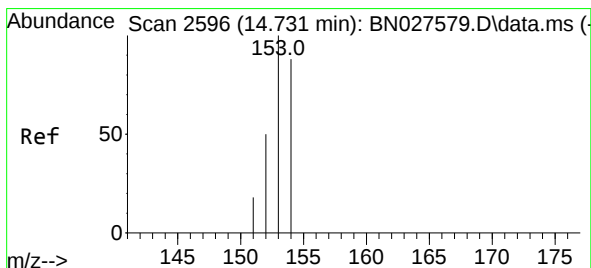
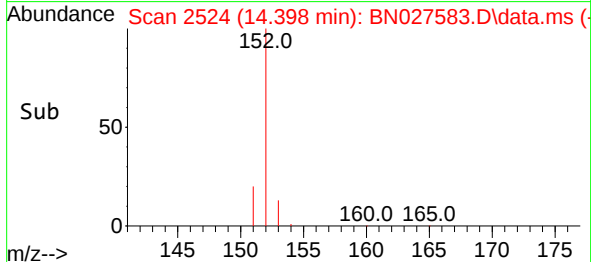
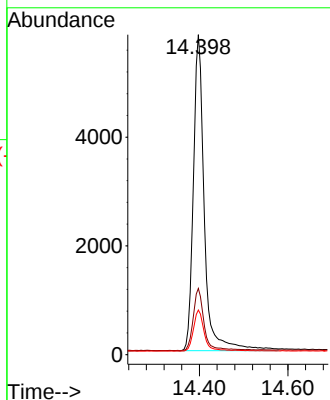
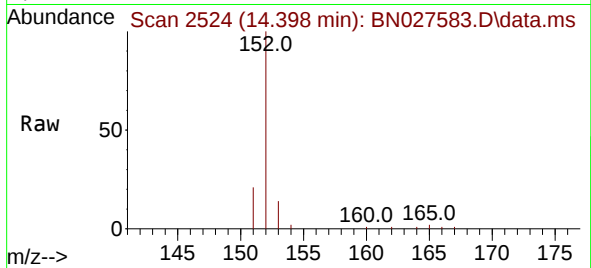




#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

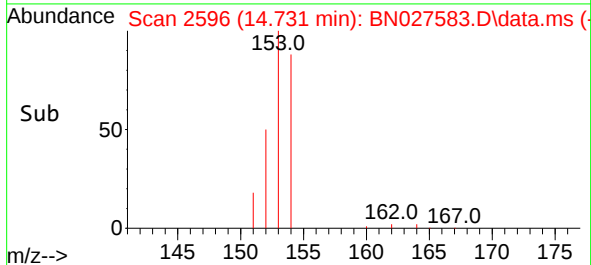
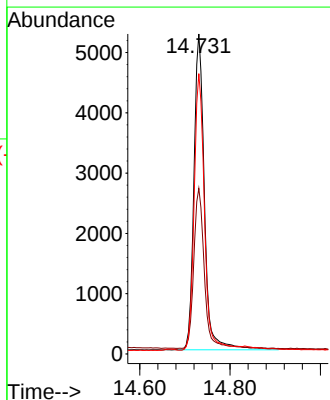
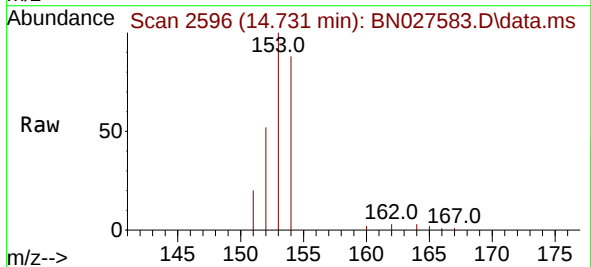
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ClientSampleId :
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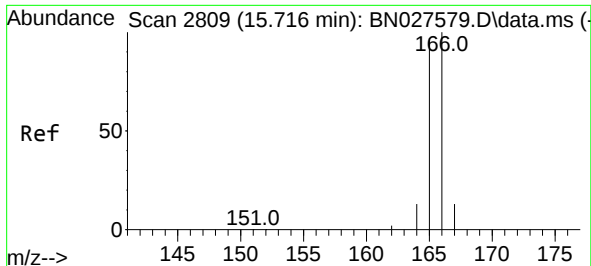
Tgt Ion:152 Resp: 10029
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.267 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:153 Resp: 8541
Ion Ratio Lower Upper
153 100
152 51.8 42.9 64.3
154 87.6 69.4 104.0

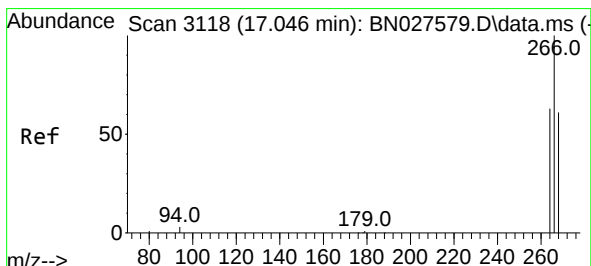
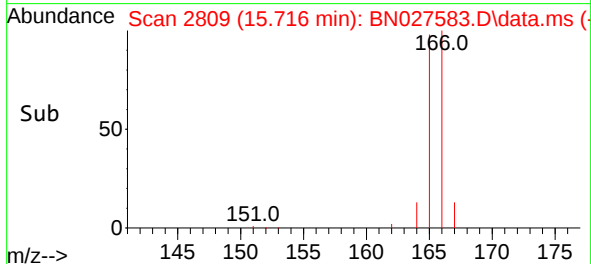
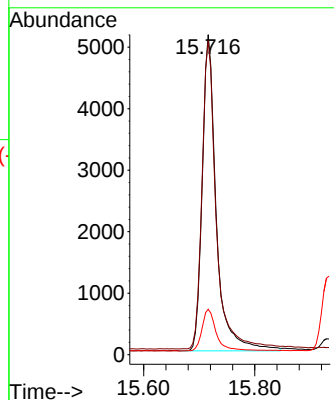
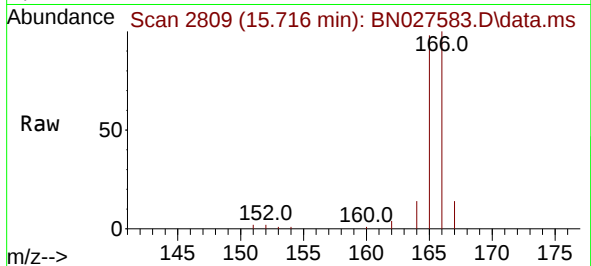




#12
 Fluorene
 Concen: 0.253 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. 0.000 min
 Lab File: BN027583.D
 Acq: 11 Sep 2023 19:43

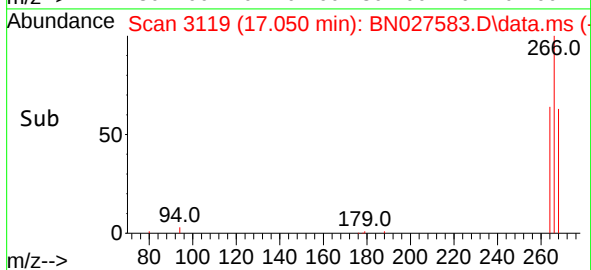
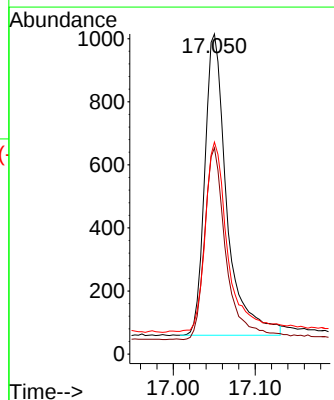
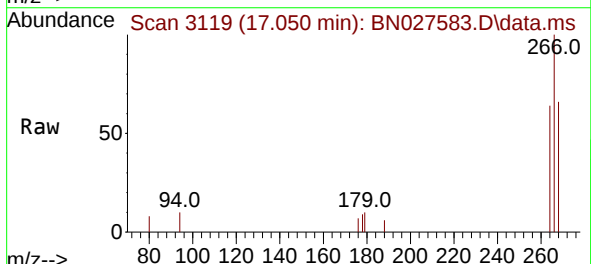
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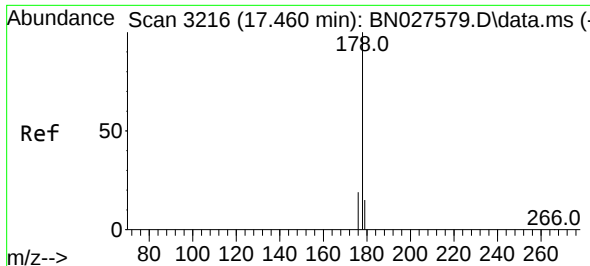
Tgt Ion:166 Resp: 9061
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.6 119.4
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.581 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. 0.004 min
 Lab File: BN027583.D
 Acq: 11 Sep 2023 19:43

Tgt Ion:266 Resp: 1786
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.4 75.6
 268 64.0 51.9 77.9

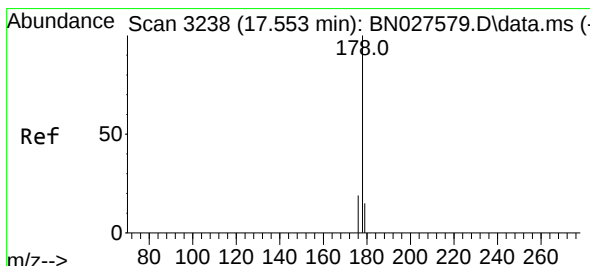
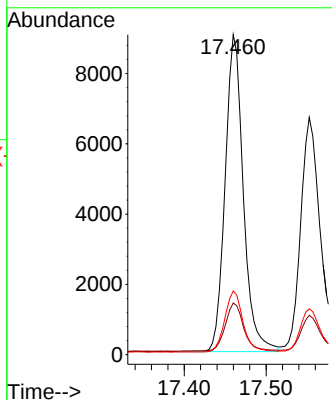
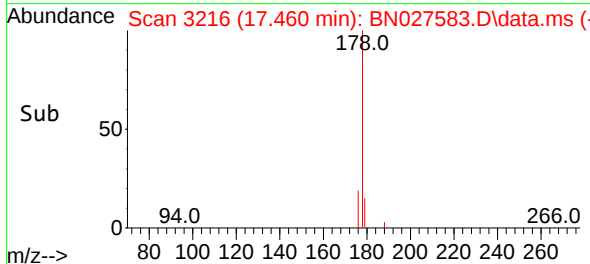
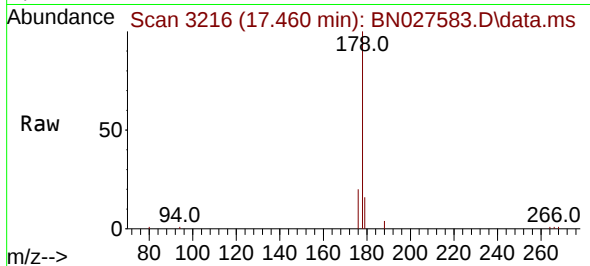




#15
Phenanthrene
Concen: 0.271 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

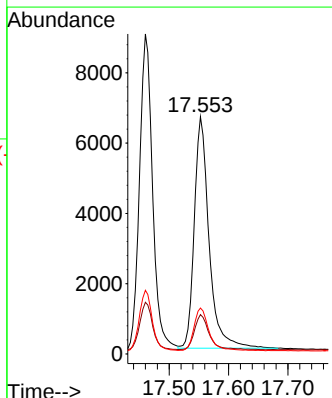
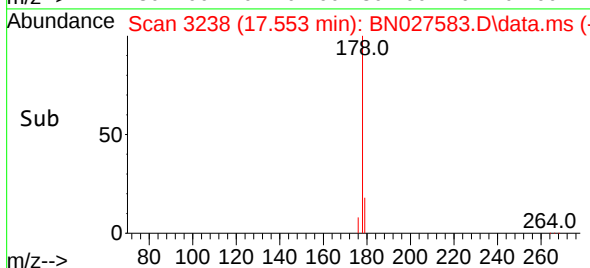
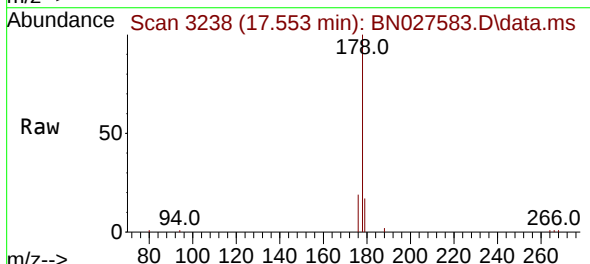
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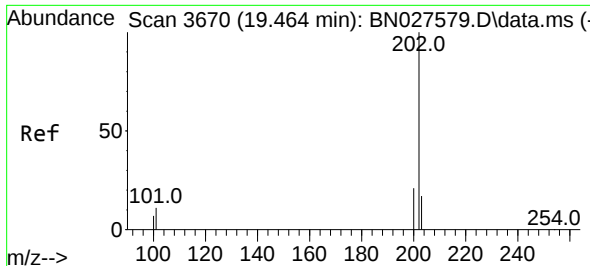
Tgt Ion:178 Resp: 13913
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.279 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:178 Resp: 11409
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 19.4 15.6 23.4

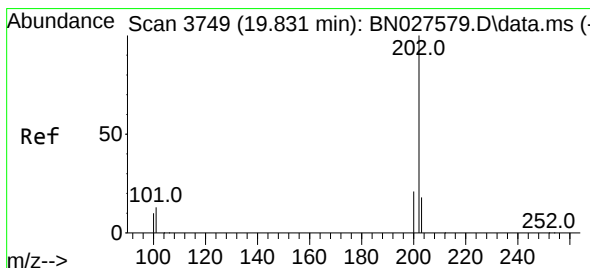
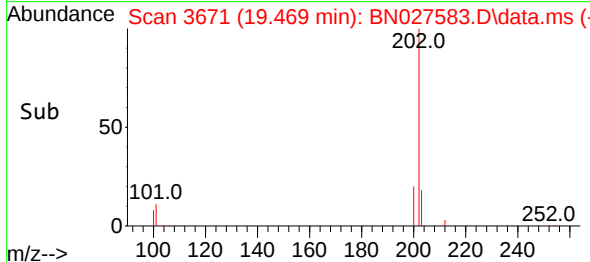
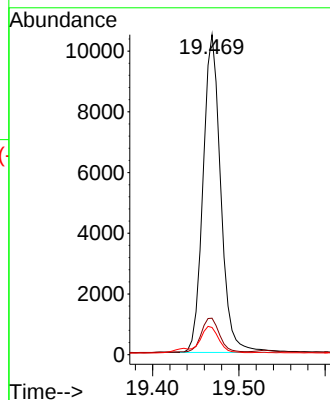
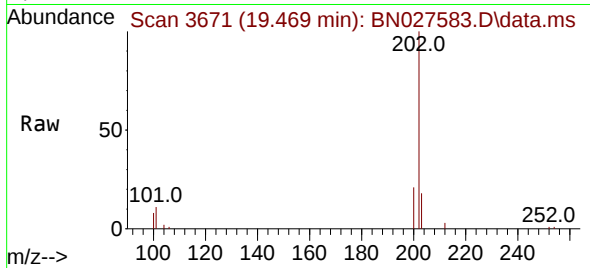




#19
Fluoranthene
Concen: 0.267 ng/ul
RT: 19.469 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

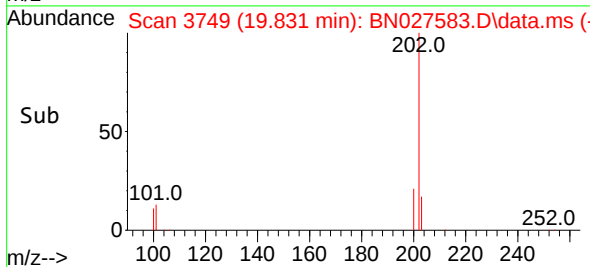
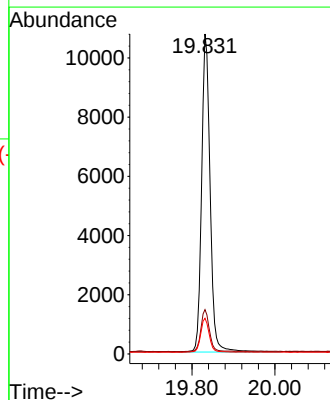
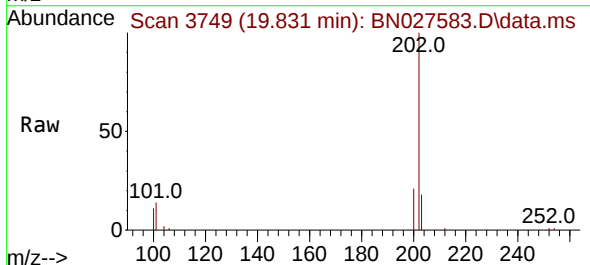
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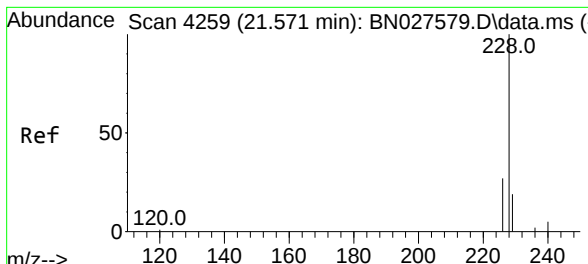
Tgt Ion:202 Resp: 14953
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.0
100 8.5 6.9 10.3



#20
Pyrene
Concen: 0.269 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:202 Resp: 15338
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 11.1 9.4 14.2

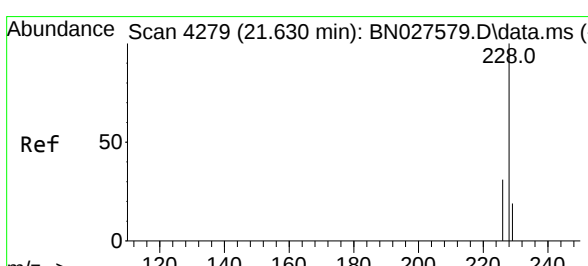
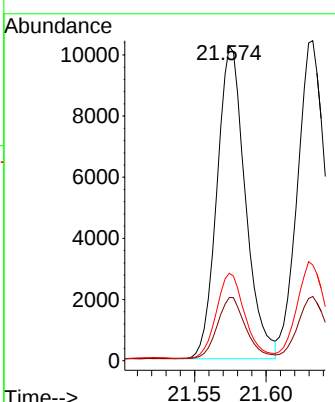
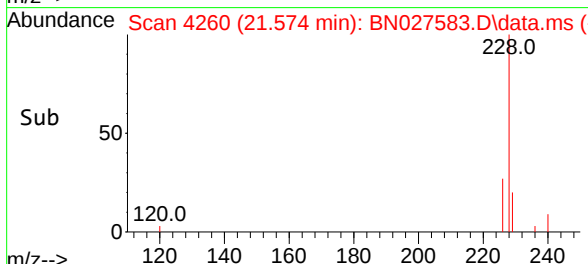
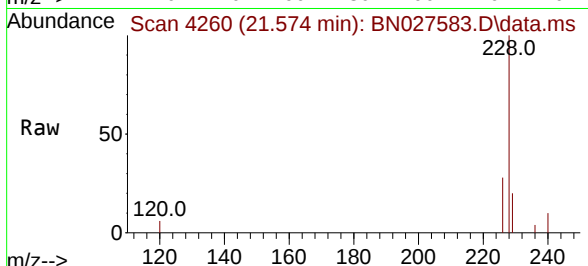




#21
 Benzo(a)anthracene
 Concen: 0.321 ng/u1
 RT: 21.574 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BN027583.D
 Acq: 11 Sep 2023 19:43

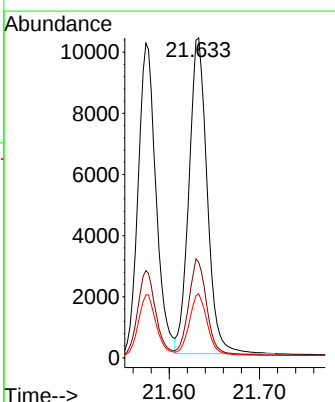
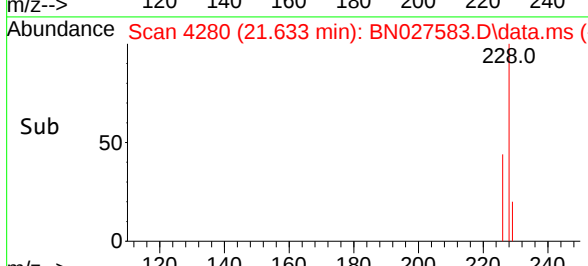
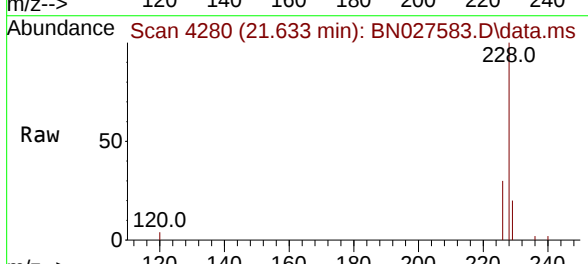
Instrument : BNA_N
 ClientSampleId : SLCS158

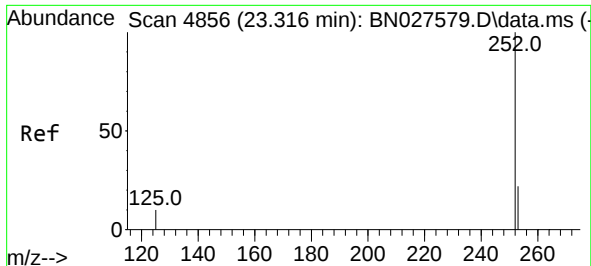
Tgt Ion:	228	Resp:	14113
Ion Ratio	Lower	Upper	
228	100		
229	20.1	15.7	23.5
226	27.7	22.0	33.0



#22
 Chrysene
 Concen: 0.282 ng/u1
 RT: 21.633 min Scan# 4280
 Delta R.T. 0.003 min
 Lab File: BN027583.D
 Acq: 11 Sep 2023 19:43

Tgt Ion:	228	Resp:	14444
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	20.1	15.6	23.4

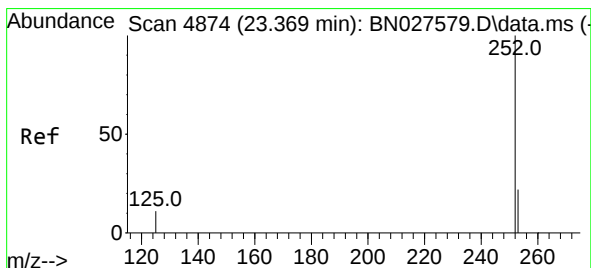
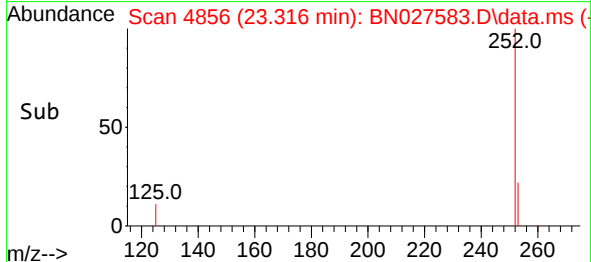
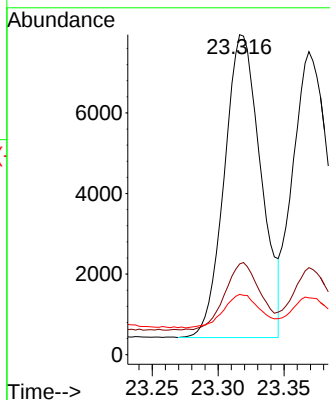
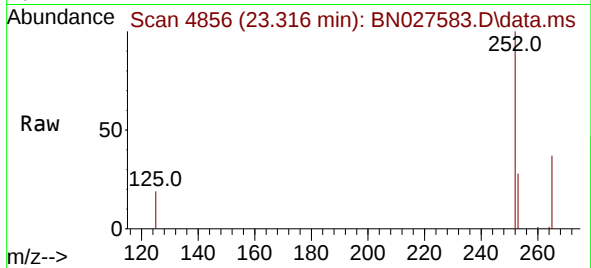




#24
Benzo(b)fluoranthene
Concen: 0.267 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

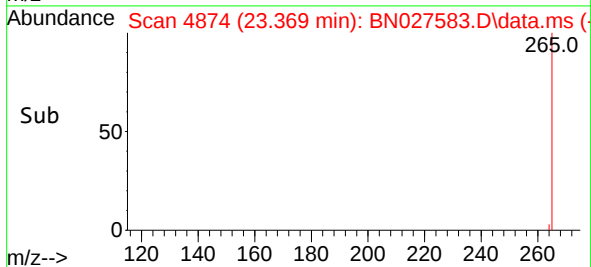
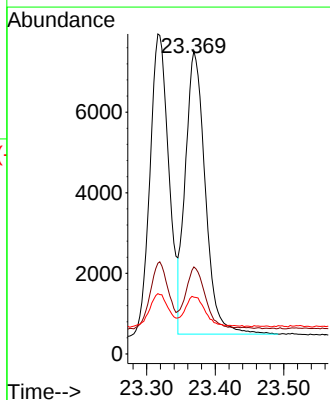
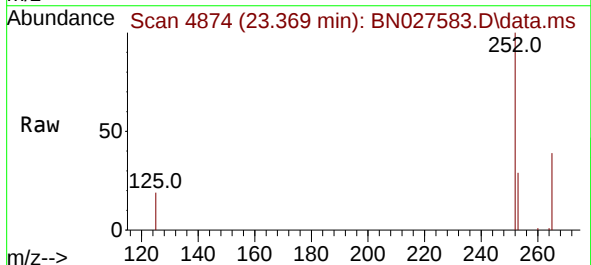
Instrument :
BNA_N
ClientSampleId :
SLCS158

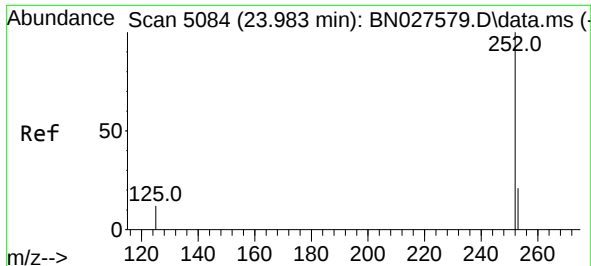
Tgt Ion:252 Resp: 14464
Ion Ratio Lower Upper
252 100
253 28.3 0.0 49.6
125 18.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:252 Resp: 14119
Ion Ratio Lower Upper
252 100
253 28.7 19.9 29.9
125 18.7 13.6 20.4

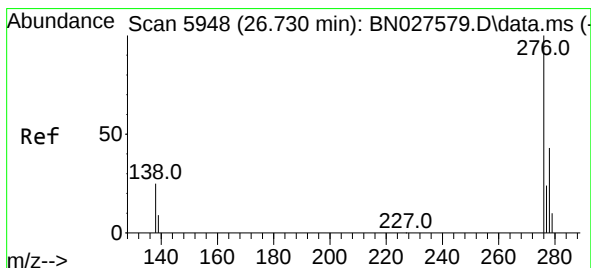
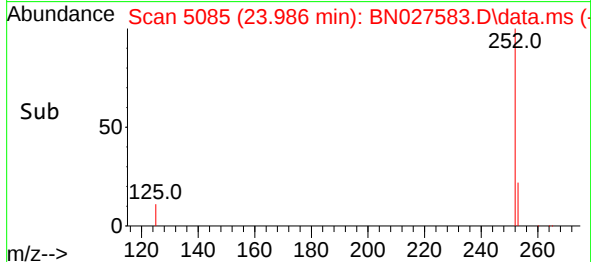
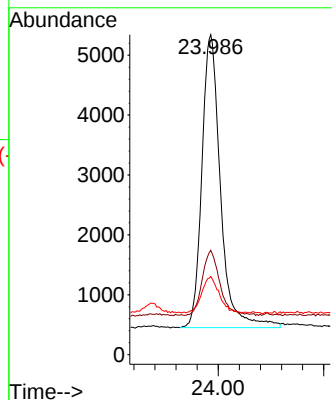
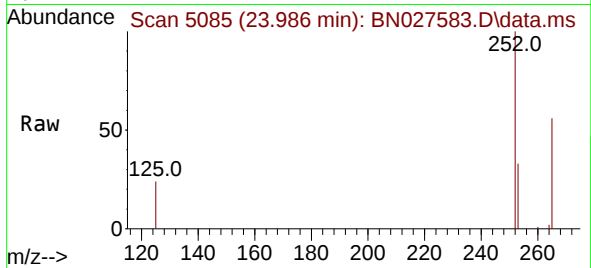




#26
Benzo(a)pyrene
Concen: 0.283 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. 0.003 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

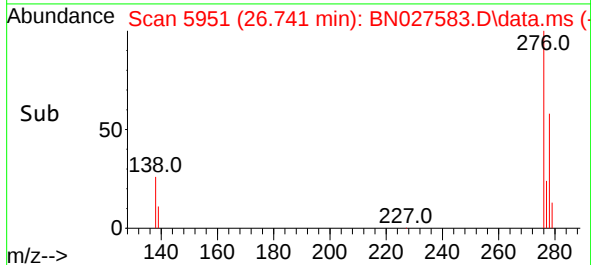
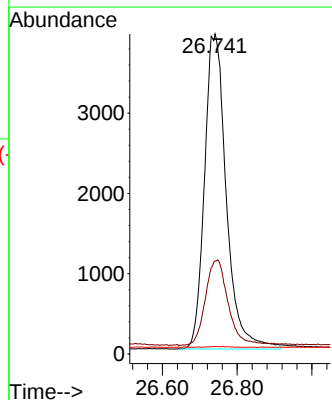
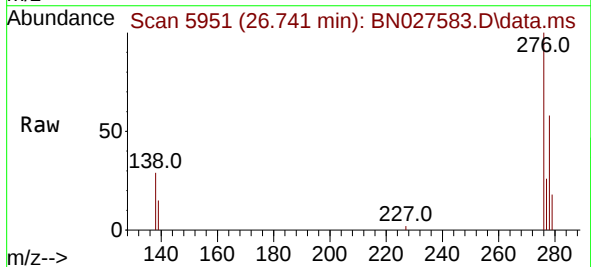
Instrument :
BNA_N
ClientSampleId :
SLCS158

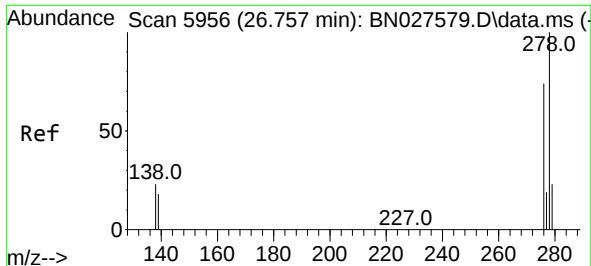
Tgt Ion:252 Resp: 11975
Ion Ratio Lower Upper
252 100
253 32.6 22.4 33.6
125 24.5 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 26.741 min Scan# 5951
Delta R.T. 0.010 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:276 Resp: 15906
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9#
227 0.2 0.1 0.1#

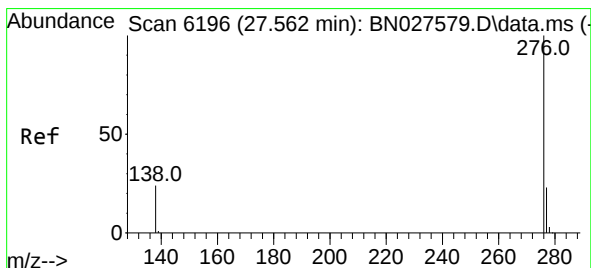
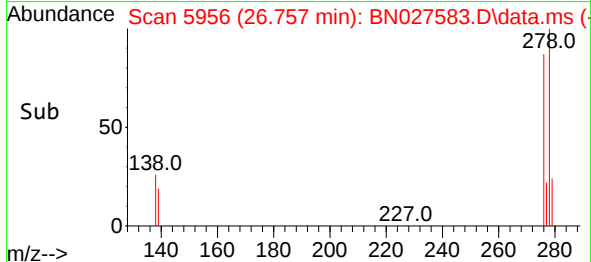
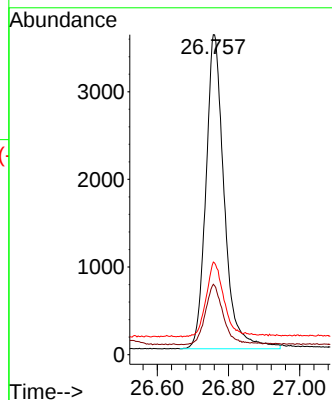
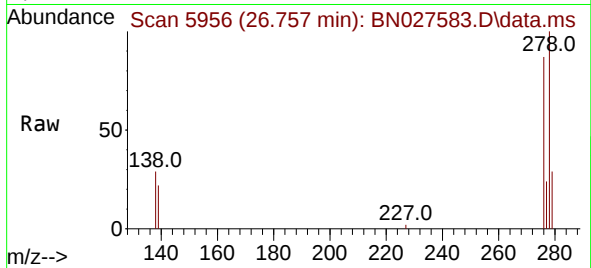




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.757 min Scan# 5956
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Instrument :
BNA_N
ClientSampleId :
SLCS158

Tgt Ion:278 Resp: 12812
Ion Ratio Lower Upper
278 100
139 22.0 18.0 27.0
279 29.0 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 27.562 min Scan# 6196
Delta R.T. 0.000 min
Lab File: BN027583.D
Acq: 11 Sep 2023 19:43

Tgt Ion:276 Resp: 14077
Ion Ratio Lower Upper
276 100
138 26.0 22.1 33.1
277 25.2 20.2 30.4

