

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027510.D
 Acq On : 09 Sep 2023 20:18
 Operator : MA/JU
 Sample : PB155241BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS241

Quant Time: Sep 10 00:13:08 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)

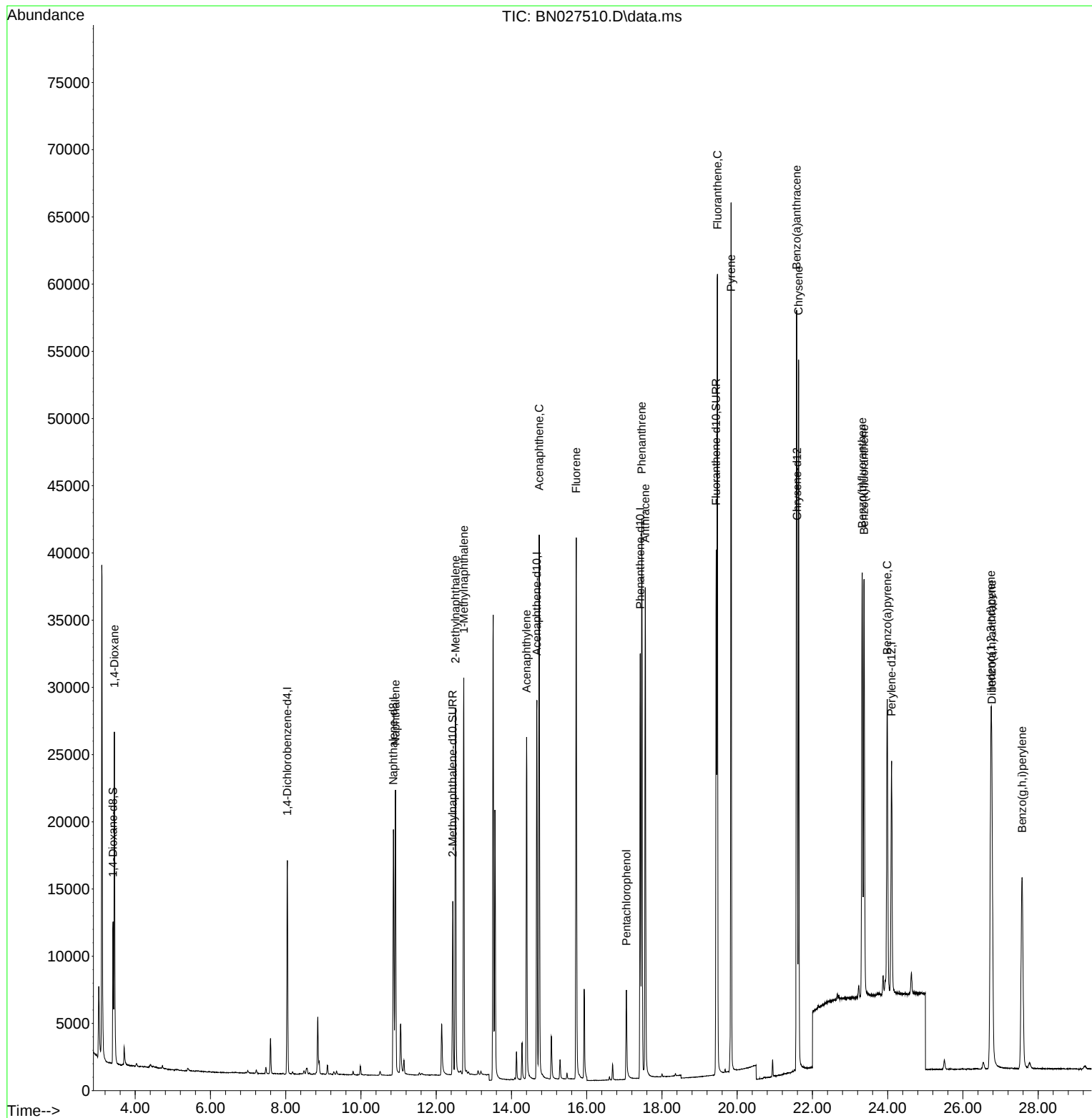
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	8060	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	26650	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.675	164	16470	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	38280	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	28849	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	26258	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	7108	0.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	17081	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	42361	0.429	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.443	88	17997	1.659	ng/ul#	84
5) Naphthalene	10.916	128	29564	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.511	142	19736	0.408	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	20271	0.393	ng/ul	100
10) Acenaphthylene	14.402	152	29756	0.395	ng/ul	99
11) Acenaphthene	14.735	153	23680	0.365	ng/ul	98
12) Fluorene	15.721	166	27823	0.383	ng/ul	99
14) Pentachlorophenol	17.055	266	5263	0.705	ng/ul	99
15) Phenanthrene	17.464	178	45852	0.368	ng/ul	99
16) Anthracene	17.557	178	40985	0.413	ng/ul	99
19) Fluoranthene	19.473	202	52998	0.399	ng/ul	97
20) Pyrene	19.836	202	54174	0.401	ng/ul	97
21) Benzo(a)anthracene	21.577	228	47772	0.460	ng/ul	100
22) Chrysene	21.633	228	46900	0.387	ng/ul	100
24) Benzo(b)fluoranthene	23.322	252	45145	0.364	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	43334	0.357	ng/ul	97
26) Benzo(a)pyrene	23.989	252	36665	0.379	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.741	276	43136	0.401	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.767	278	34687	0.422	ng/ul	97
29) Benzo(g,h,i)perylene	27.572	276	35854	0.369	ng/ul	98

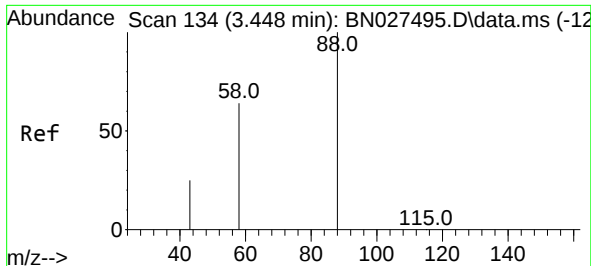
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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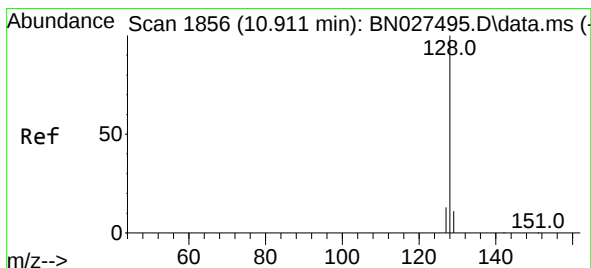
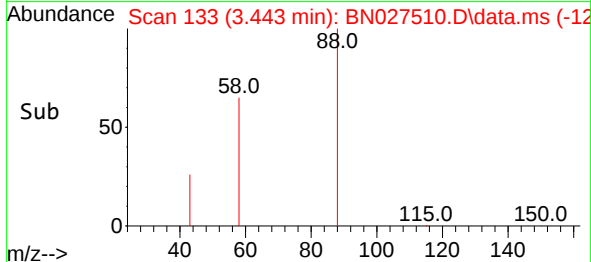
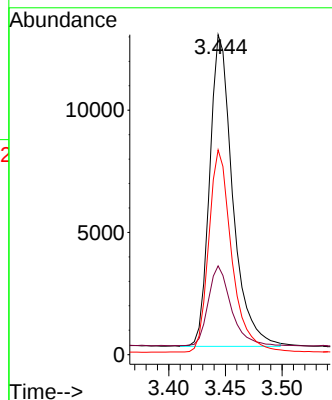
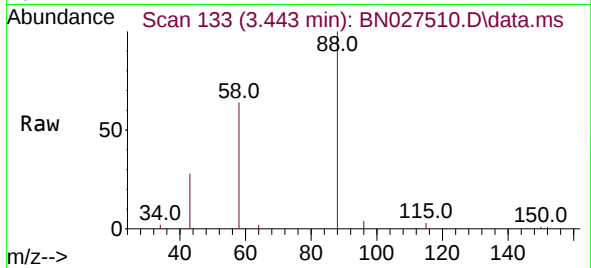




#2
1,4-Dioxane
Concen: 1.659 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

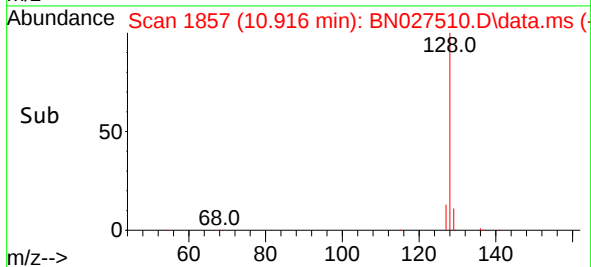
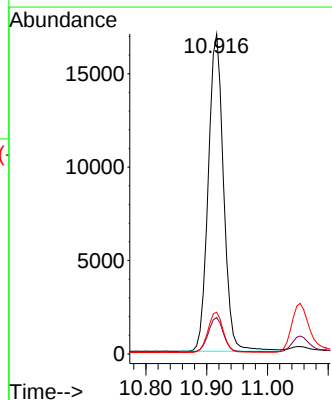
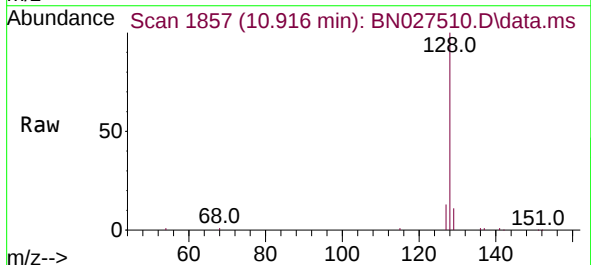
Instrument :
BNA_N
ClientSampleId :
SLCS241

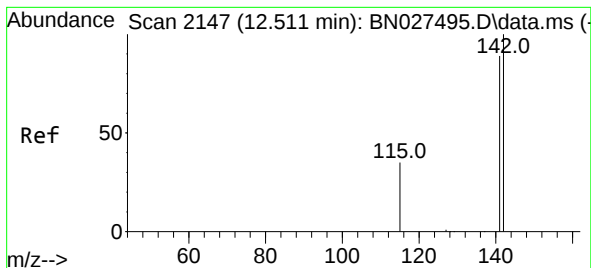
Tgt Ion: 88 Resp: 17997
Ion Ratio Lower Upper
88 100
43 27.8 26.8 40.2
58 64.0 39.9 59.9#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.916 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:128 Resp: 29564
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.0 10.6 16.0

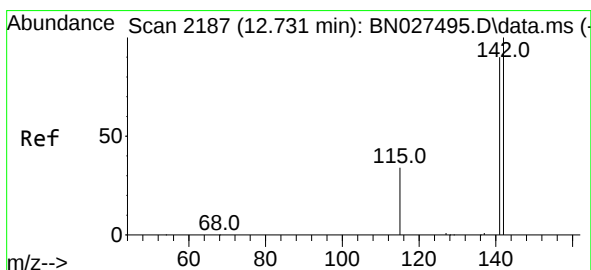
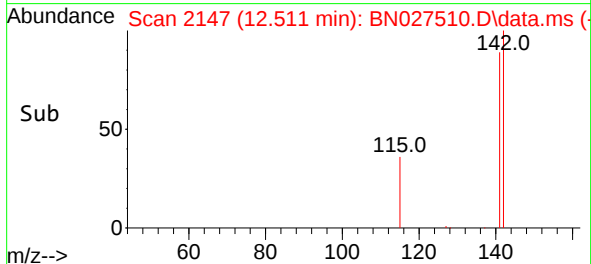
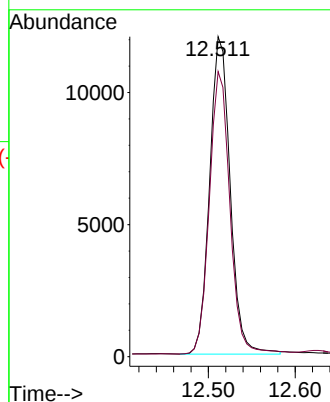
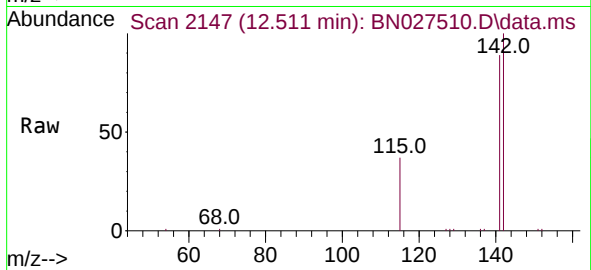




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

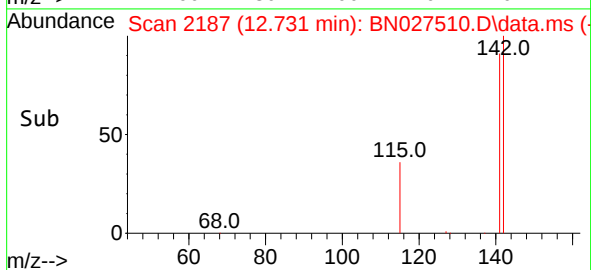
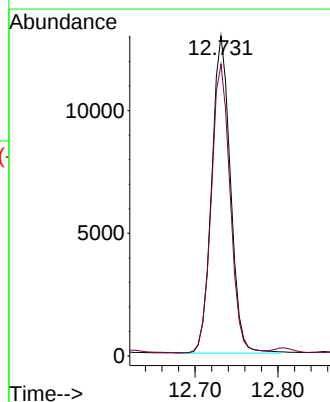
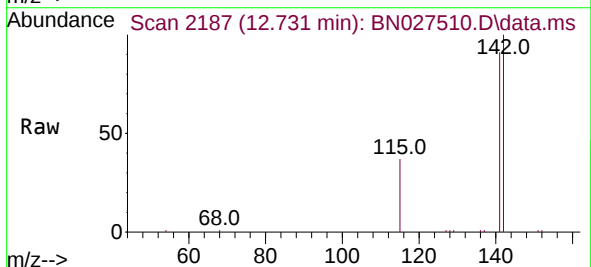
Instrument :
BNA_N
ClientSampleId :
SLCS241

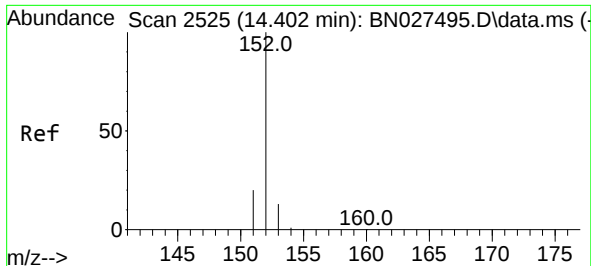
Tgt Ion:142 Resp: 19736
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:142 Resp: 20271
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4

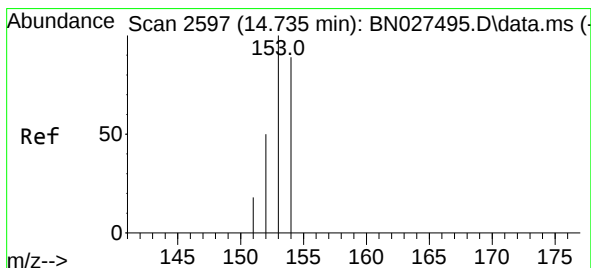
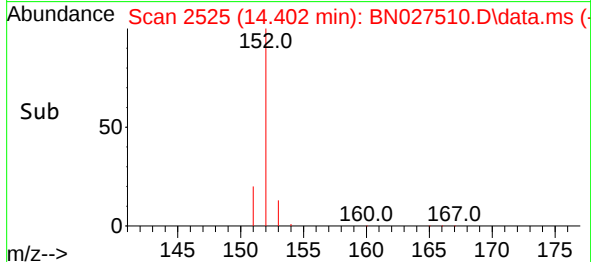
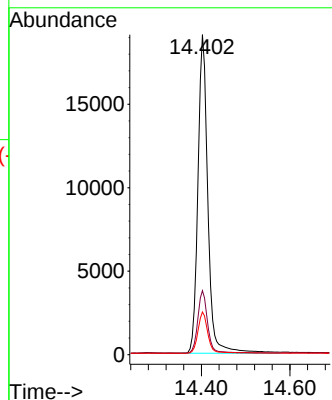
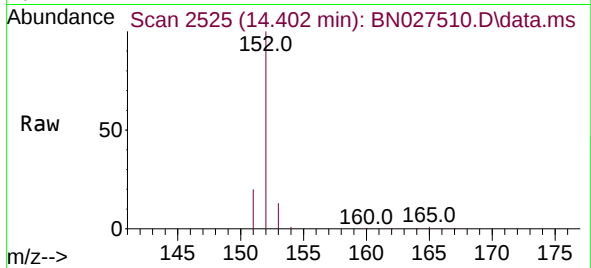




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

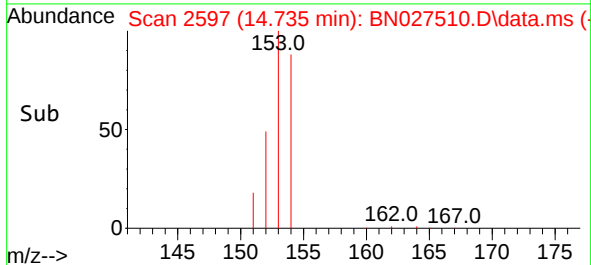
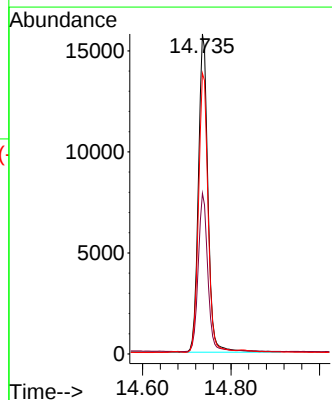
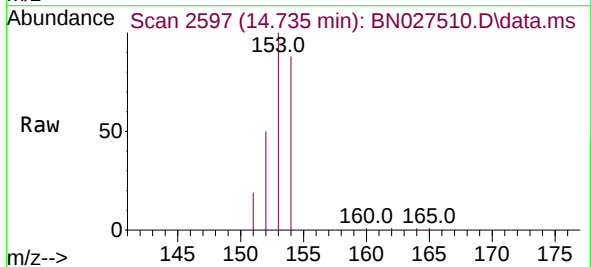
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BNA_N
ClientSampleId :
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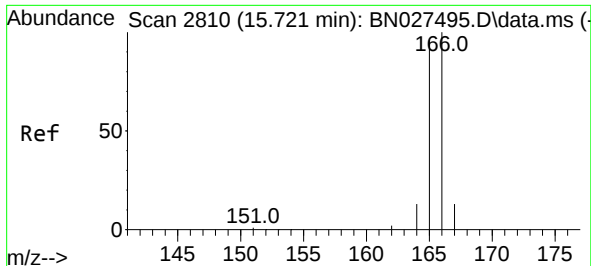
Tgt Ion:152 Resp: 29756
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:153 Resp: 23680
Ion Ratio Lower Upper
153 100
152 50.2 42.9 64.3
154 87.7 69.4 104.0

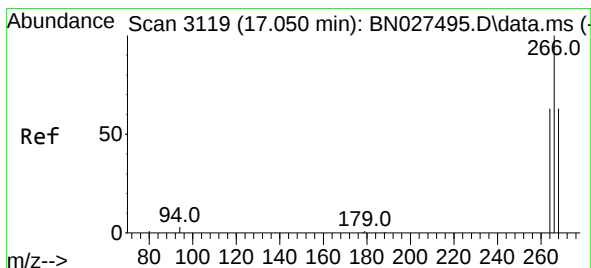
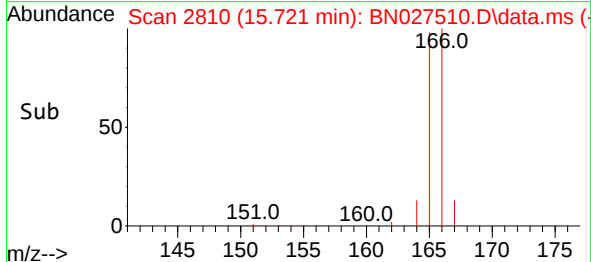
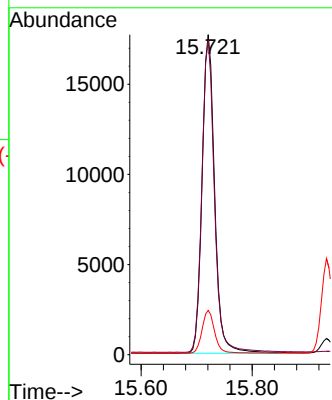
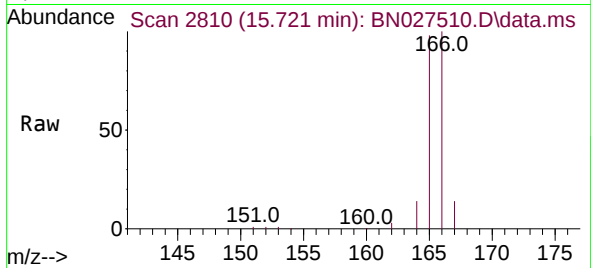




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

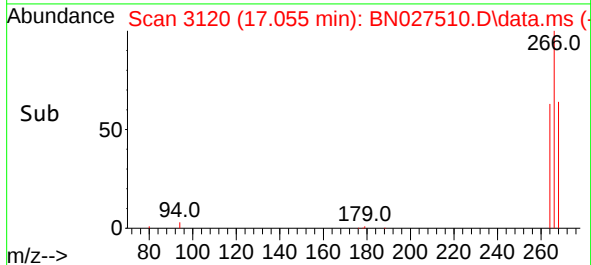
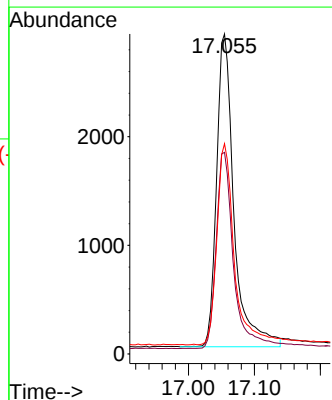
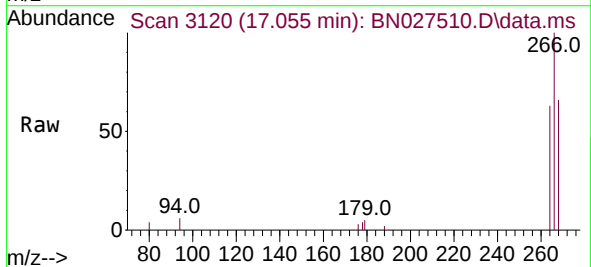
Instrument :
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ClientSampleId :
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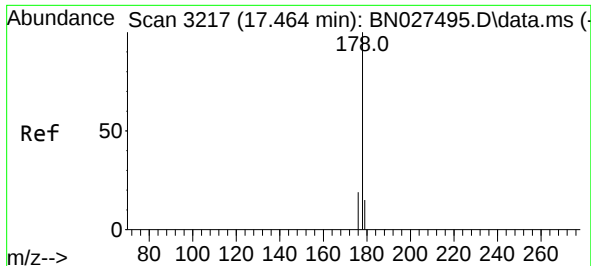
Tgt Ion:166 Resp: 27823
Ion Ratio Lower Upper
166 100
165 98.2 79.6 119.4
167 13.8 11.4 17.0



#14
Pentachlorophenol
Concen: 0.705 ng/ul
RT: 17.055 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:266 Resp: 5263
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 64.1 51.9 77.9

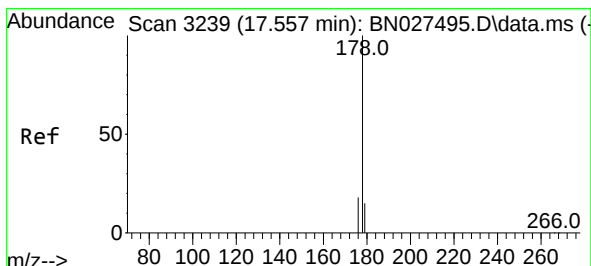
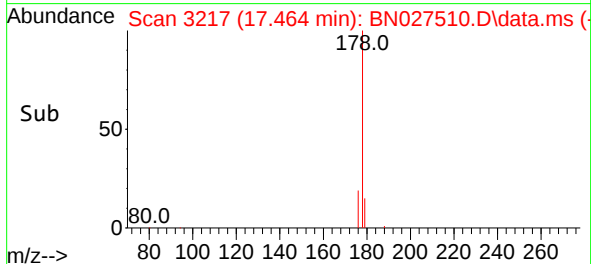
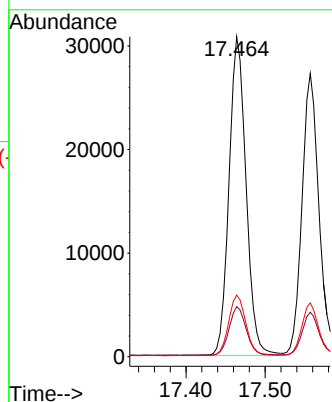
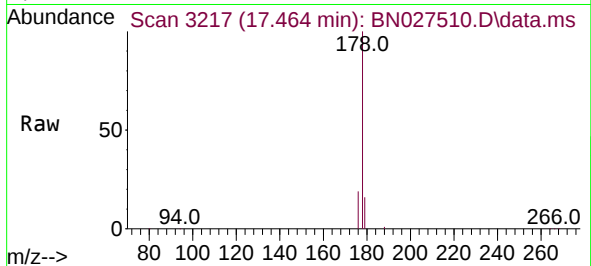




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.464 min Scan# 3217
Delta R.T. -0.004 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

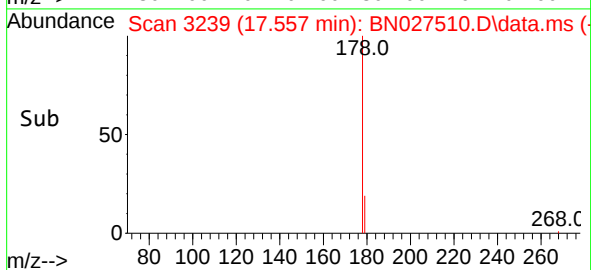
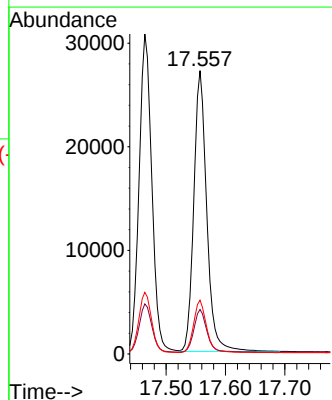
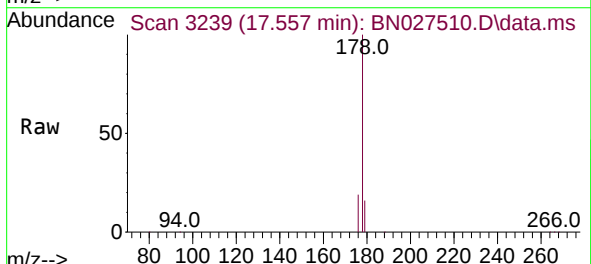
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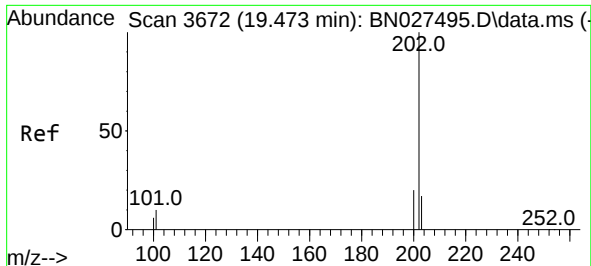
Tgt Ion:178 Resp: 45852
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.8 23.8



#16
Anthracene
Concen: 0.413 ng/ul
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:178 Resp: 40985
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.0 15.6 23.4

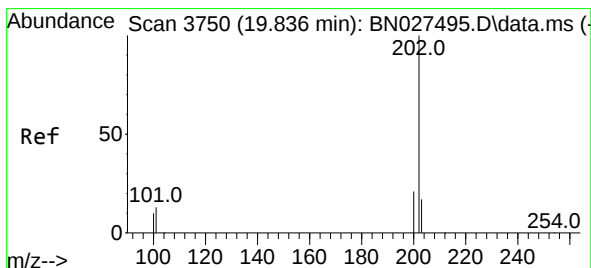
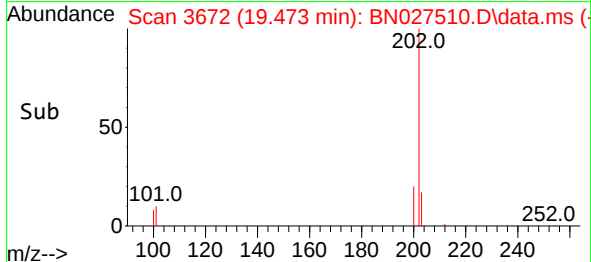
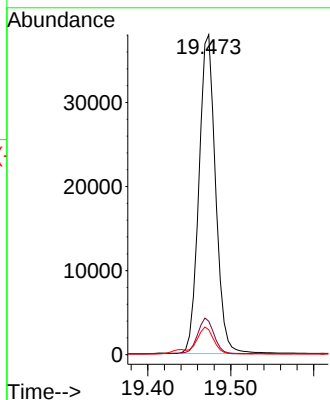
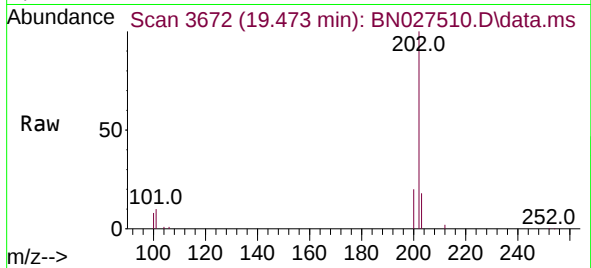




#19
Fluoranthene
Concen: 0.399 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

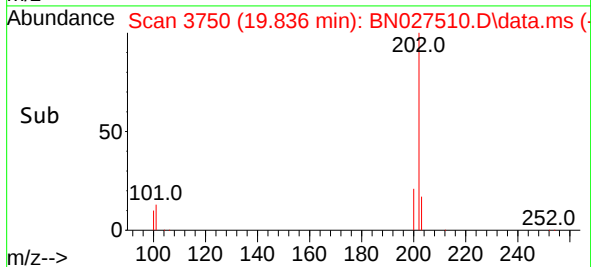
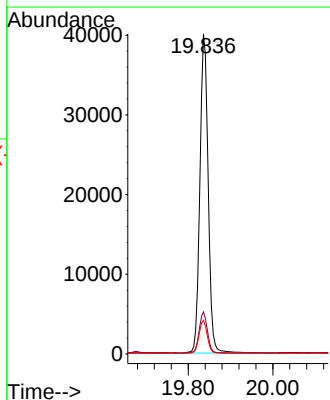
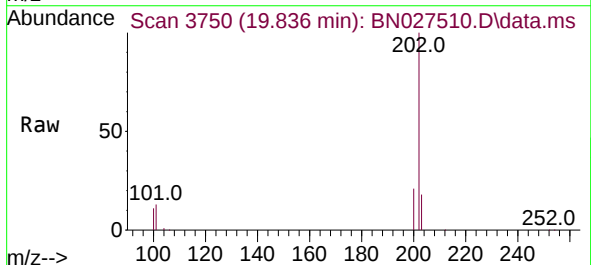
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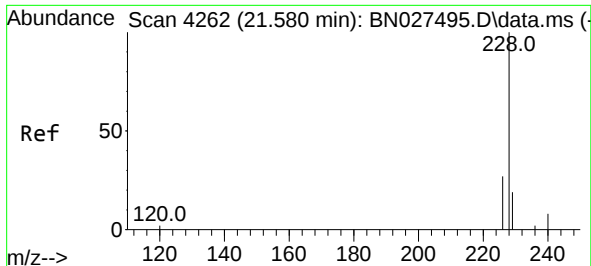
Tgt Ion:202 Resp: 52998
Ion Ratio Lower Upper
202 100
101 10.5 9.4 14.0
100 7.8 6.9 10.3



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:202 Resp: 54174
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.2
100 10.6 9.4 14.2

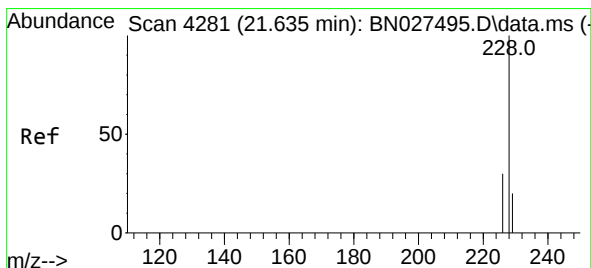
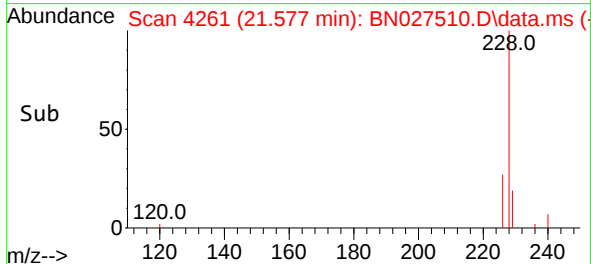
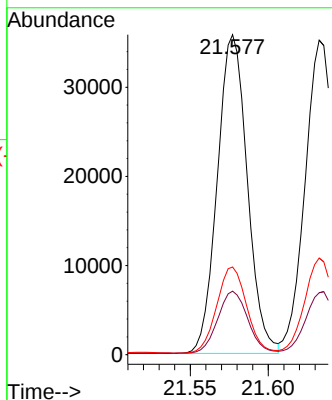
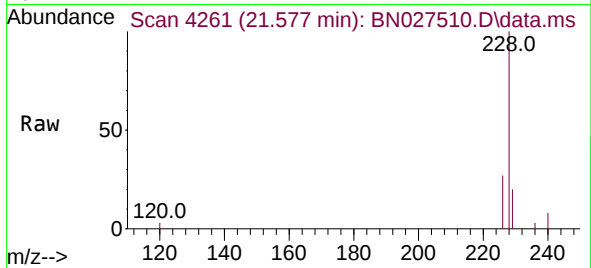




#21
Benzo(a)anthracene
Concen: 0.460 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

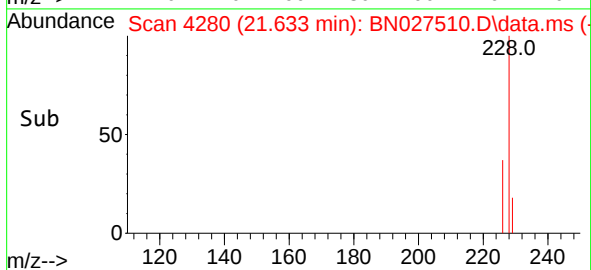
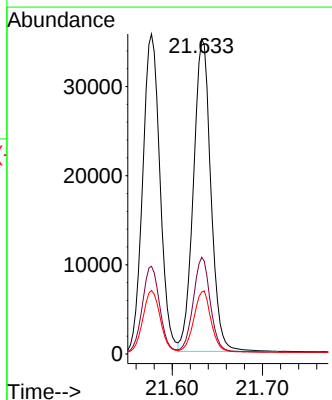
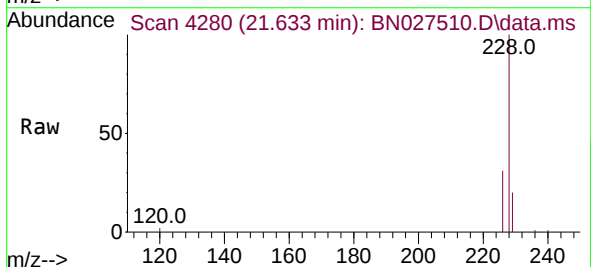
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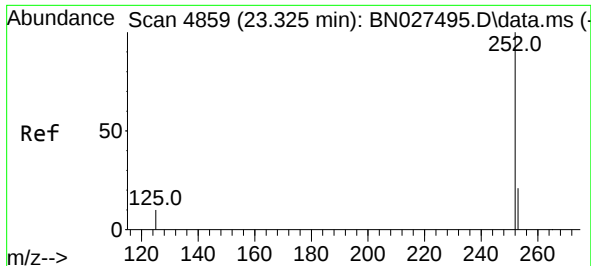
Tgt Ion:228 Resp: 47772
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.387 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:228 Resp: 46900
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.7 15.6 23.4

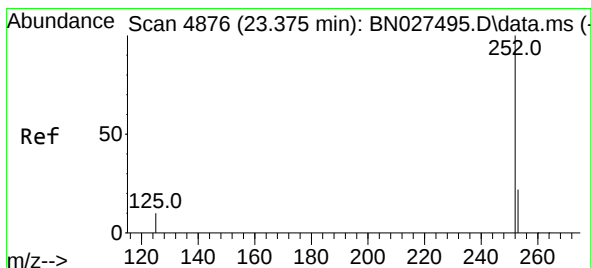
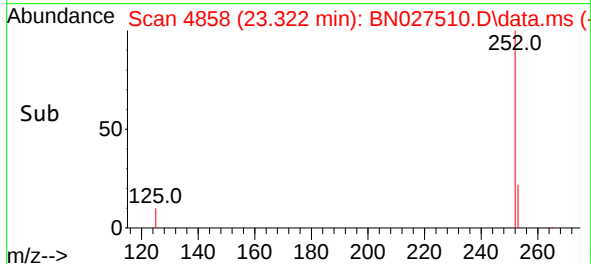
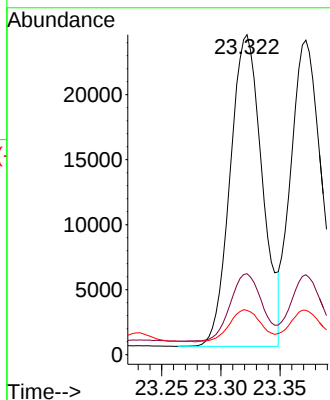
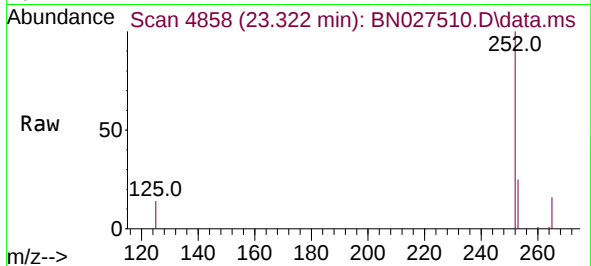




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.322 min Scan# 4858
Delta R.T. -0.006 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

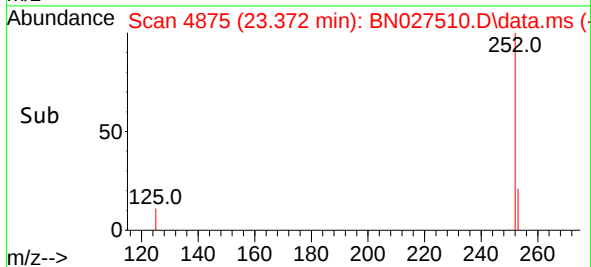
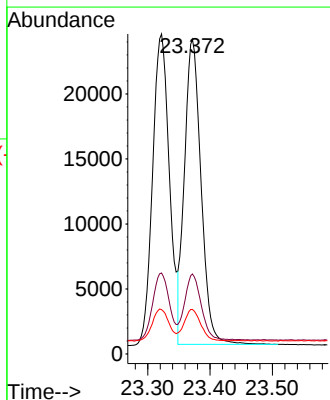
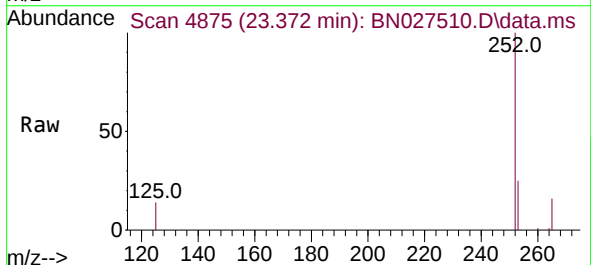
Instrument :
BNA_N
ClientSampleId :
SLCS241

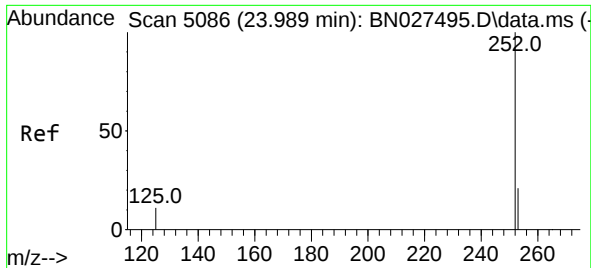
Tgt Ion:252 Resp: 45145
Ion Ratio Lower Upper
252 100
253 25.3 0.0 49.6
125 13.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.357 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

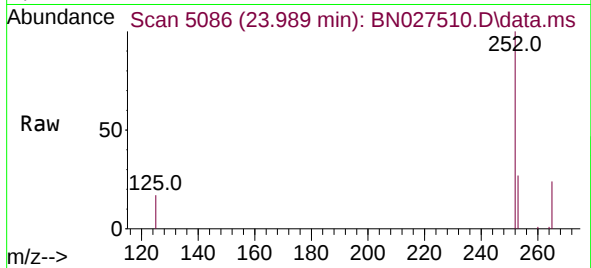
Tgt Ion:252 Resp: 43334
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 14.1 13.6 20.4



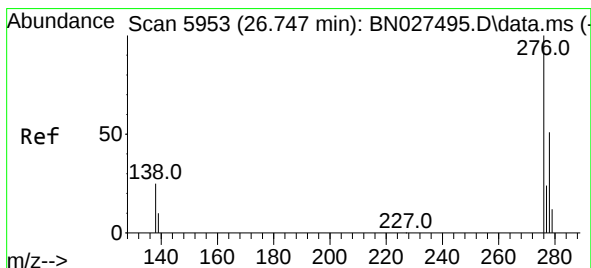
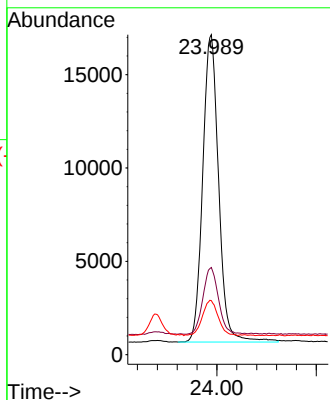
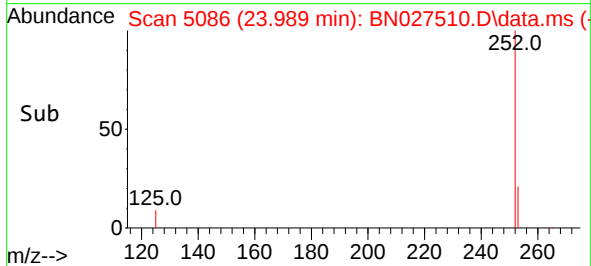


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.989 min Scan# 5086
Delta R.T. -0.006 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Instrument :
BNA_N
ClientSampleId :
SLCS241

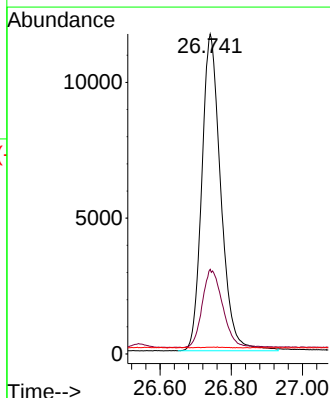
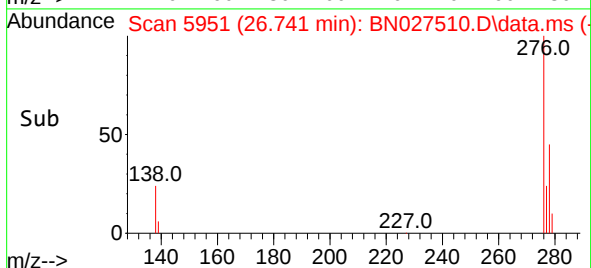
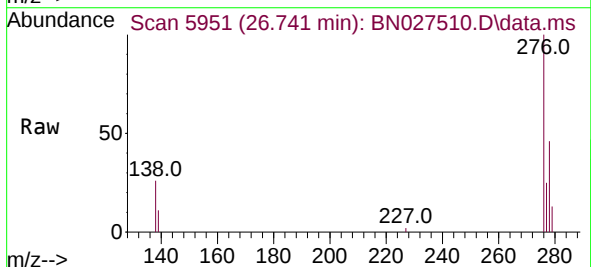


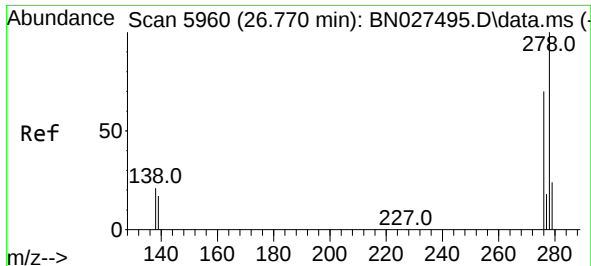
Tgt Ion:252 Resp: 36665
Ion Ratio Lower Upper
252 100
253 27.2 22.4 33.6
125 16.9 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.741 min Scan# 5951
Delta R.T. -0.013 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:276 Resp: 43136
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.1 0.1 0.1#

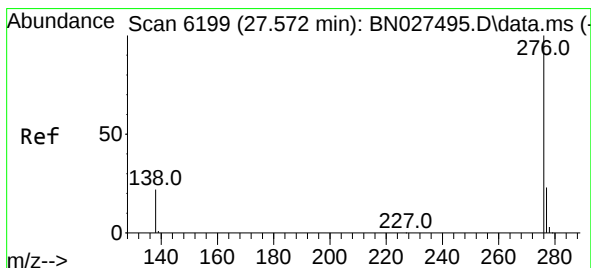
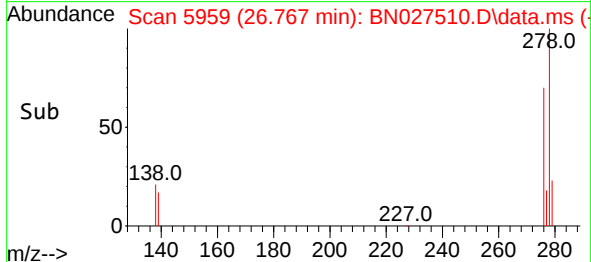
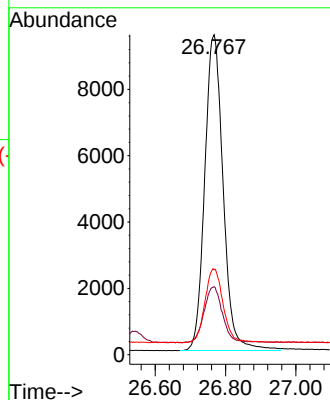
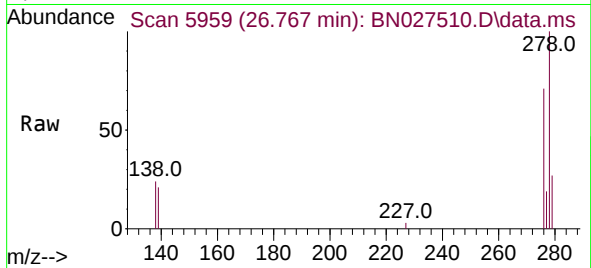




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.767 min Scan# 5959
Delta R.T. -0.010 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Instrument :
BNA_N
ClientSampleId :
SLCS241

Tgt Ion:278 Resp: 34687
Ion Ratio Lower Upper
278 100
139 21.3 18.0 27.0
279 26.5 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.572 min Scan# 6199
Delta R.T. -0.010 min
Lab File: BN027510.D
Acq: 09 Sep 2023 20:18

Tgt Ion:276 Resp: 35854
Ion Ratio Lower Upper
276 100
138 25.3 22.1 33.1
277 25.1 20.2 30.4

