

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027522.D
 Acq On : 10 Sep 2023 03:46
 Operator : MA/JU
 Sample : PB155262BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS262

Quant Time: Sep 10 05:06:05 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)

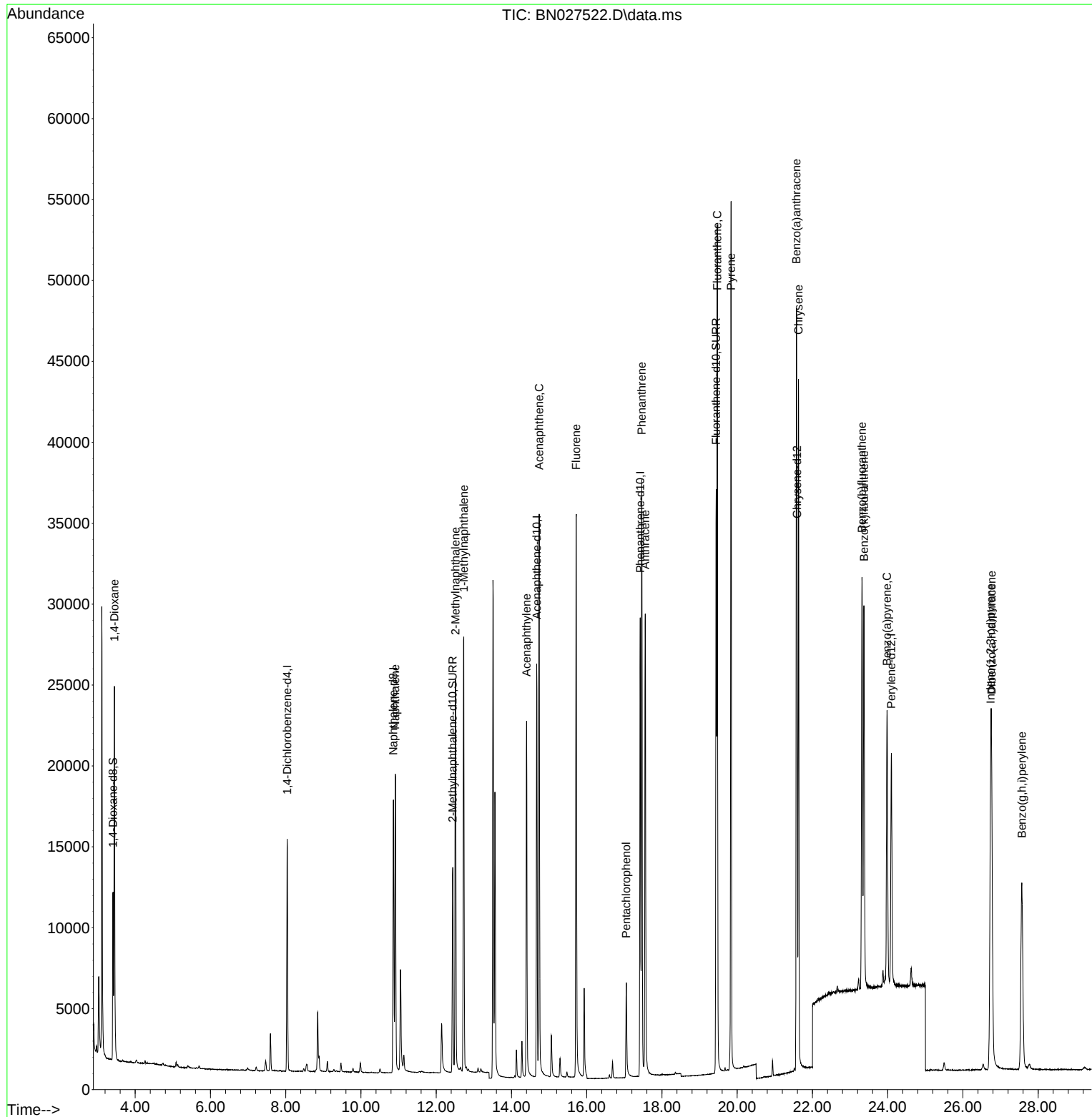
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	7317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	24067	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.671	164	14669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	33354	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	24431	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	21602	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	7020	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	17340	0.475	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	41176	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	16790	1.705	ng/ul#	84
5) Naphthalene	10.911	128	26445	0.379	ng/ul	100
7) 2-Methylnaphthalene	12.511	142	17647	0.404	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	18934	0.407	ng/ul	99
10) Acenaphthylene	14.402	152	25937	0.386	ng/ul	99
11) Acenaphthene	14.735	153	20888	0.362	ng/ul	96
12) Fluorene	15.721	166	24470	0.378	ng/ul	98
14) Pentachlorophenol	17.050	266	4533	0.697	ng/ul	99
15) Phenanthrene	17.464	178	39994	0.368	ng/ul	99
16) Anthracene	17.557	178	35250	0.408	ng/ul	99
19) Fluoranthene	19.469	202	44877	0.399	ng/ul	100
20) Pyrene	19.836	202	45753	0.400	ng/ul	96
21) Benzo(a)anthracene	21.574	228	38274	0.435	ng/ul	100
22) Chrysene	21.630	228	37988	0.370	ng/ul	100
24) Benzo(b)fluoranthene	23.316	252	35454	0.348	ng/ul	97
25) Benzo(k)fluoranthene	23.369	252	35074	0.352	ng/ul	97
26) Benzo(a)pyrene	23.983	252	29209	0.367	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.737	276	34606	0.391	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.761	278	27780	0.411	ng/ul	96
29) Benzo(g,h,i)perylene	27.566	276	28985	0.363	ng/ul	97

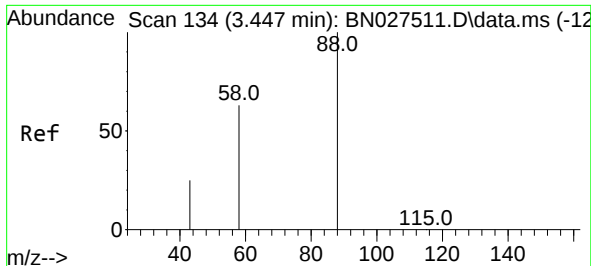
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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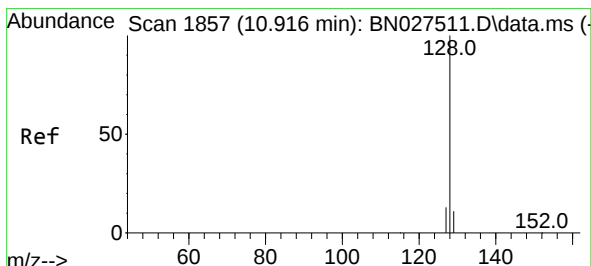
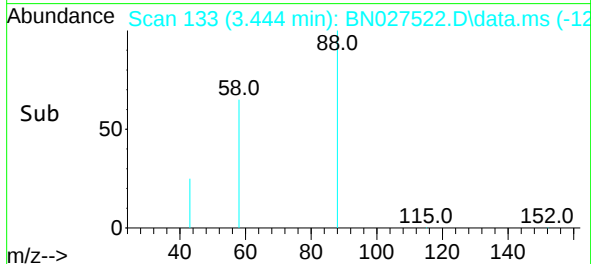
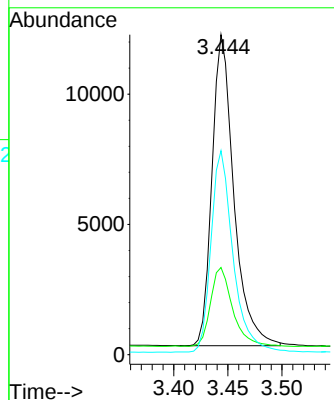
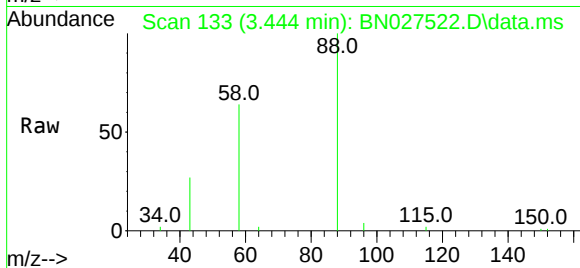




#2
1,4-Dioxane
Concen: 1.705 ng/ul
RT: 3.444 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

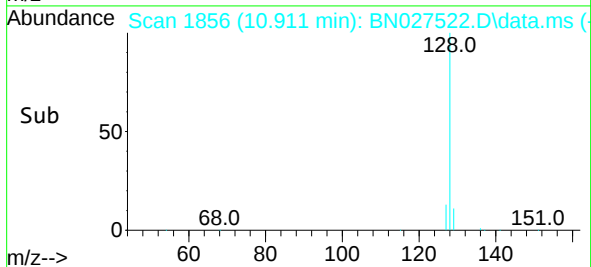
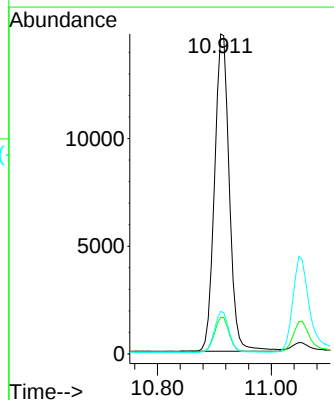
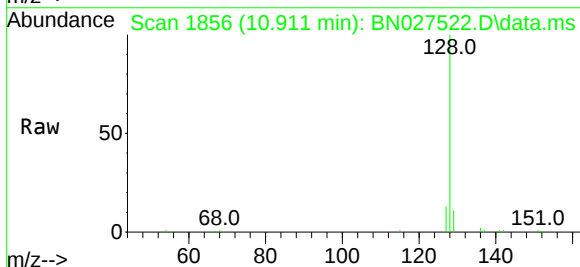
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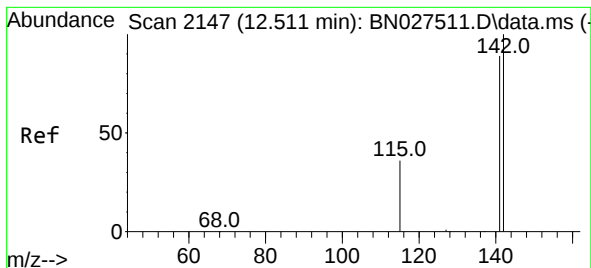
Tgt Ion: 88 Resp: 16790
Ion Ratio Lower Upper
88 100
43 27.3 26.8 40.2
58 63.7 39.9 59.9#



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:128 Resp: 26445
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 10.6 16.0

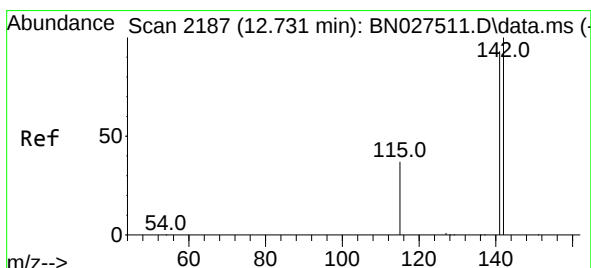
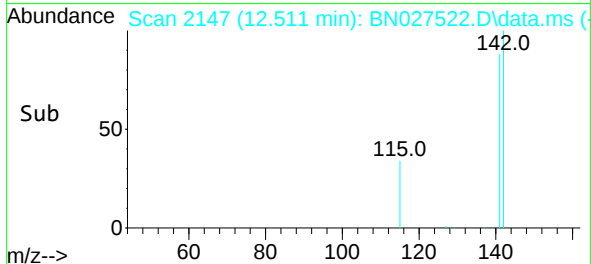
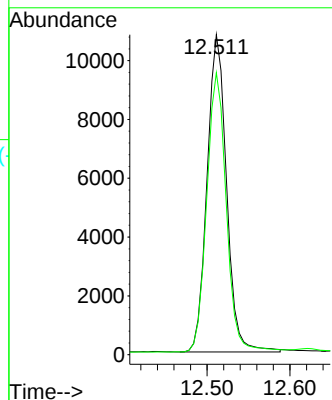
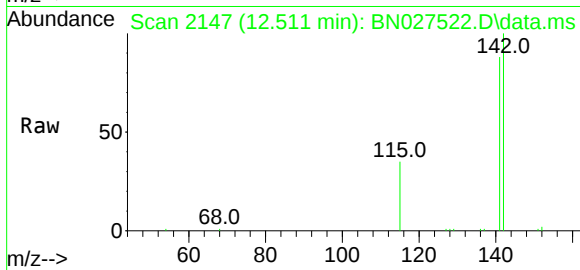




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

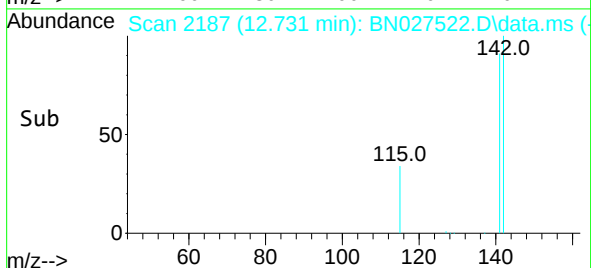
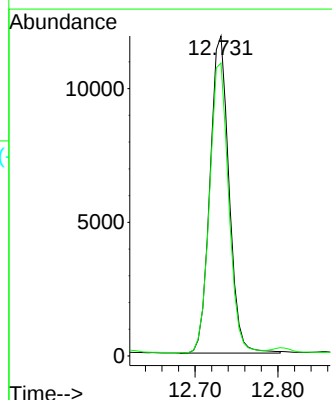
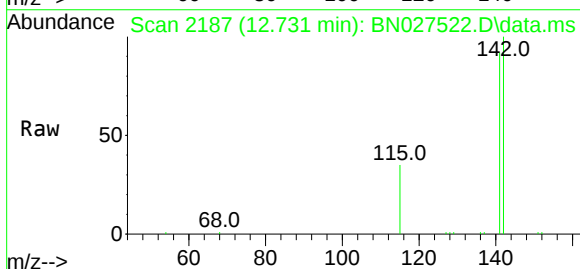
Instrument :
BNA_N
ClientSampleId :
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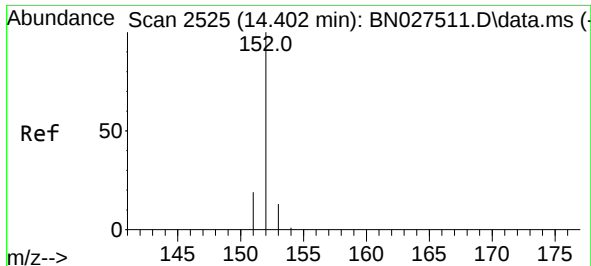
Tgt Ion:142 Resp: 17647
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:142 Resp: 18934
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4

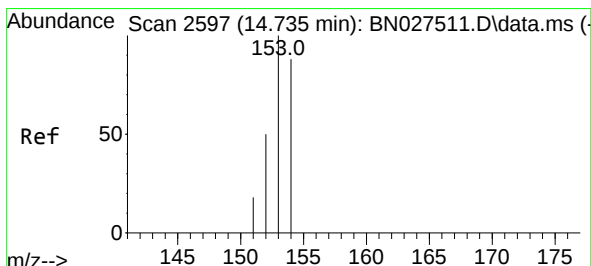
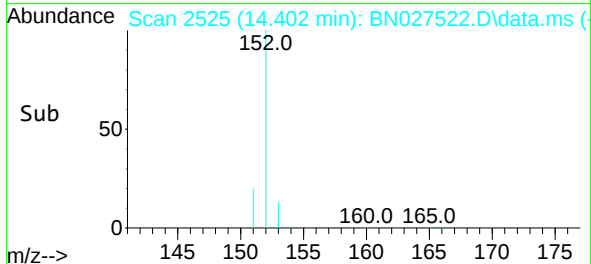
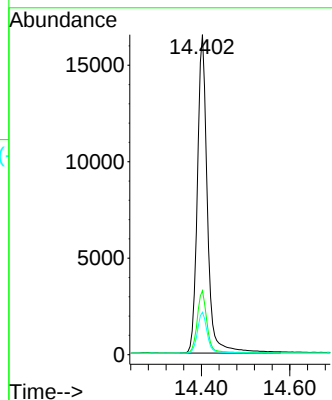
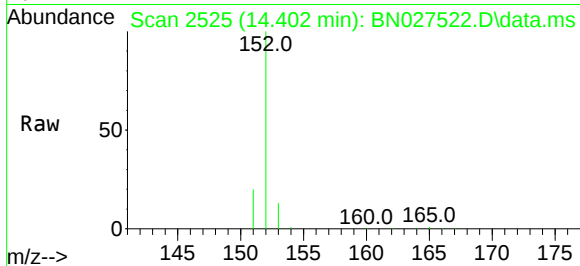




#10
Acenaphthylene
Concen: 0.386 ng/u1
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

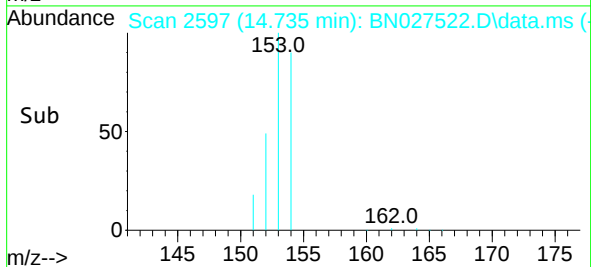
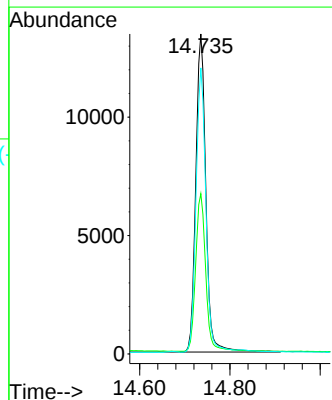
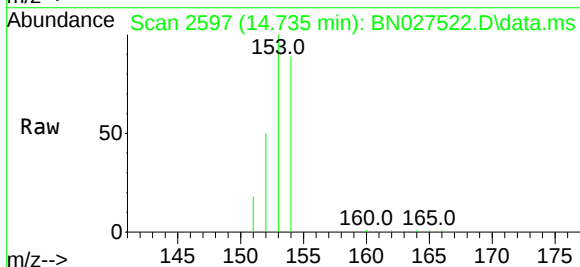
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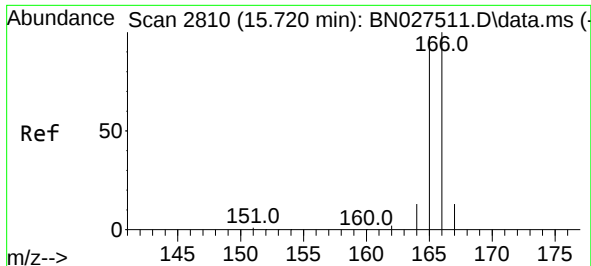
Tgt Ion:152 Resp: 25937
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.362 ng/u1
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:153 Resp: 20888
Ion Ratio Lower Upper
153 100
152 50.1 42.9 64.3
154 89.4 69.4 104.0

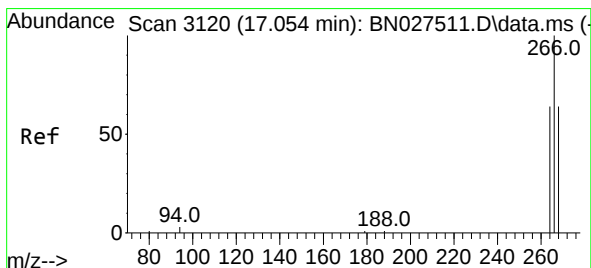
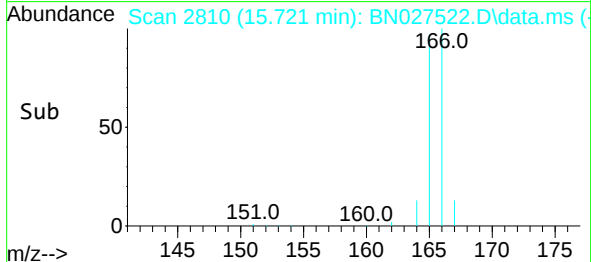
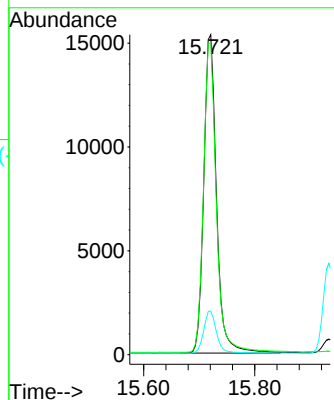
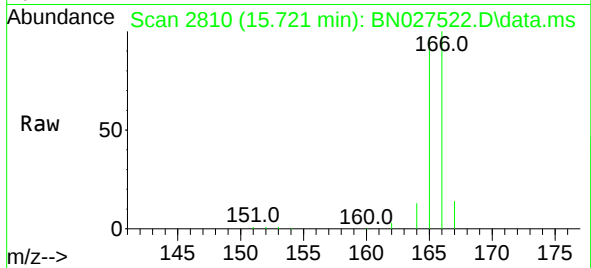




#12
 Fluorene
 Concen: 0.378 ng/ul
 RT: 15.721 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN027522.D
 Acq: 10 Sep 2023 03:46

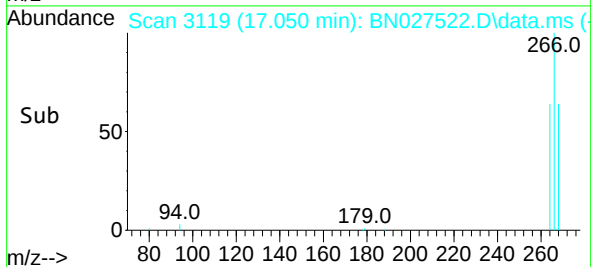
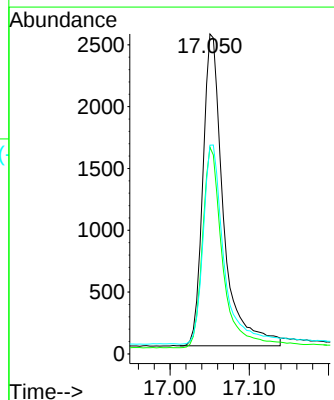
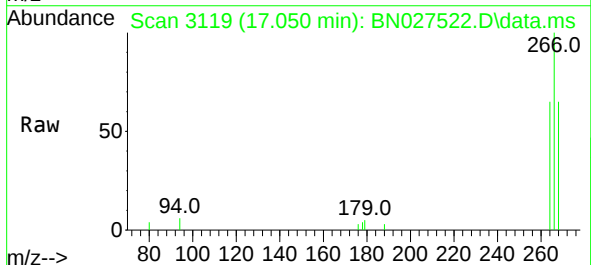
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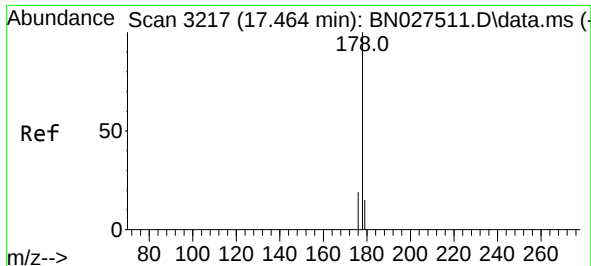
Tgt Ion:166 Resp: 24470
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.6 119.4
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.697 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. -0.008 min
 Lab File: BN027522.D
 Acq: 10 Sep 2023 03:46

Tgt Ion:266 Resp: 4533
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.4 75.6
 268 65.2 51.9 77.9

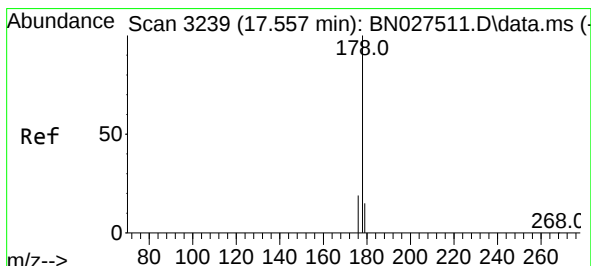
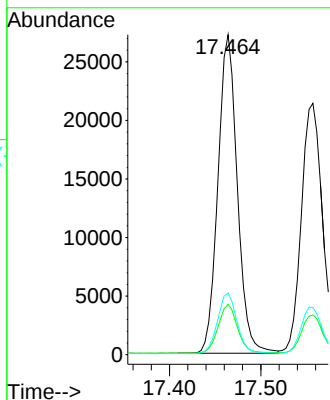
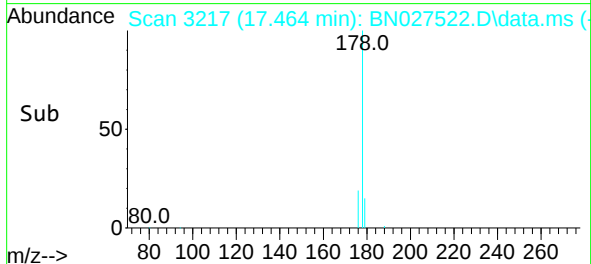
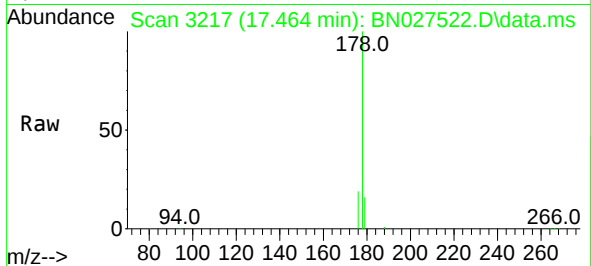




#15
Phenanthrene
Concen: 0.368 ng/u1
RT: 17.464 min Scan# 3217
Delta R.T. -0.004 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

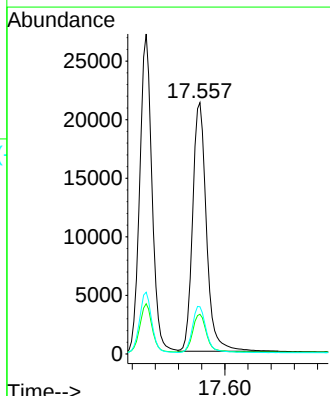
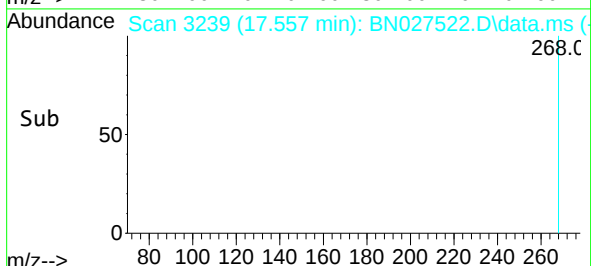
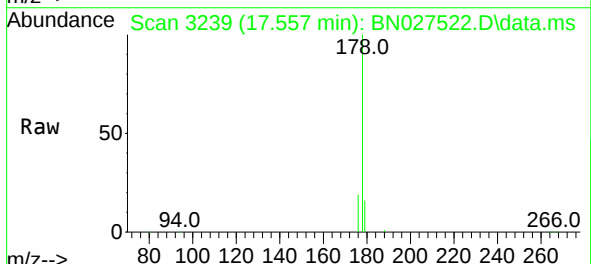
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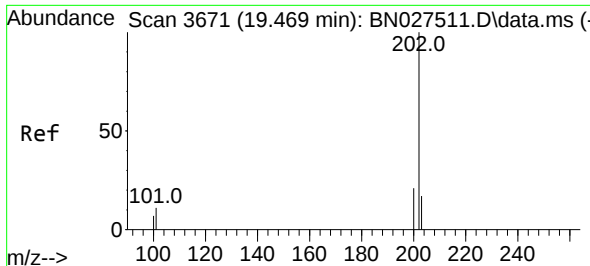
Tgt Ion:178 Resp: 39994
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.3 15.8 23.8



#16
Anthracene
Concen: 0.408 ng/u1
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:178 Resp: 35250
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.8 15.6 23.4

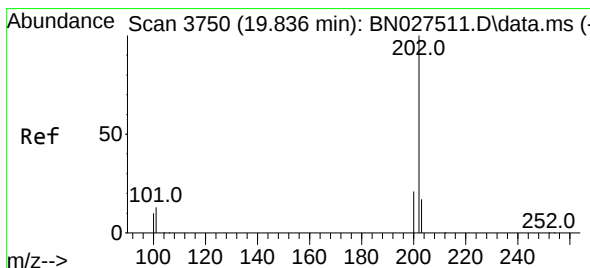
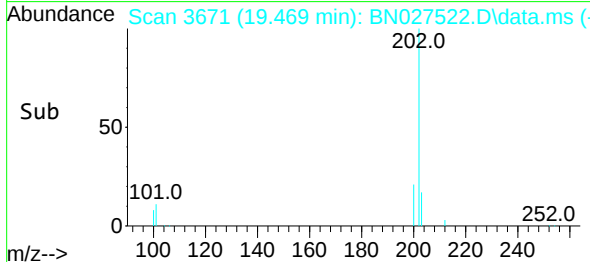
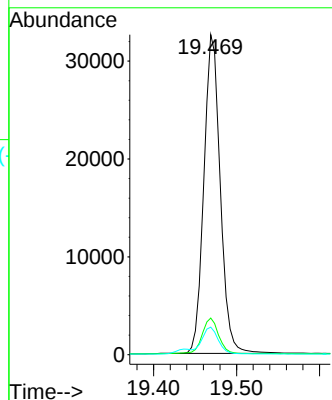
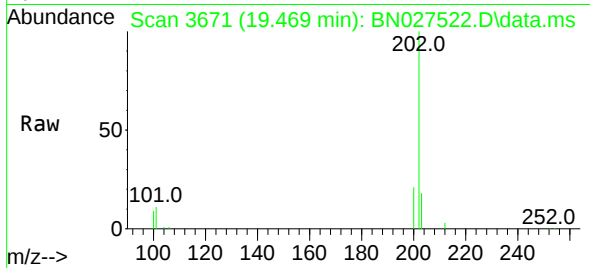




#19
Fluoranthene
Concen: 0.399 ng/u1
RT: 19.469 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

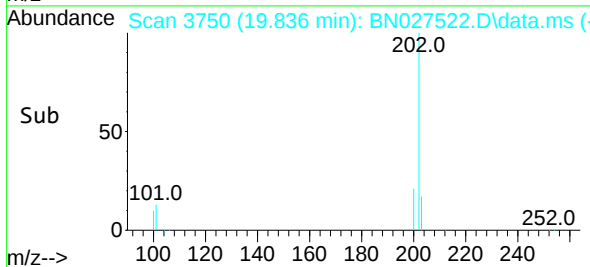
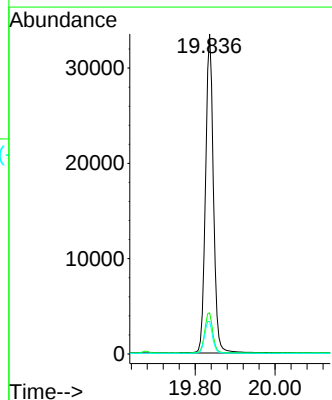
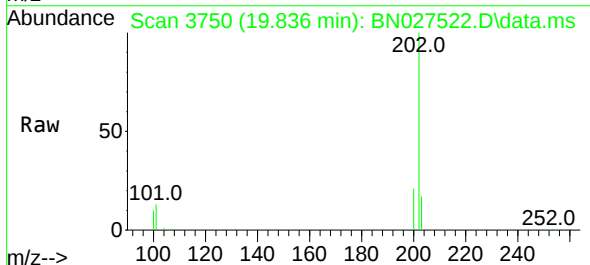
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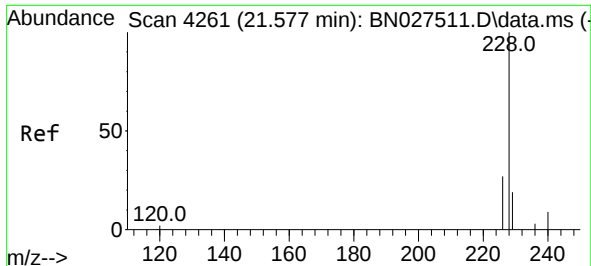
Tgt Ion:202 Resp: 44877
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.0
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.400 ng/u1
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:202 Resp: 45753
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.2
100 10.1 9.4 14.2

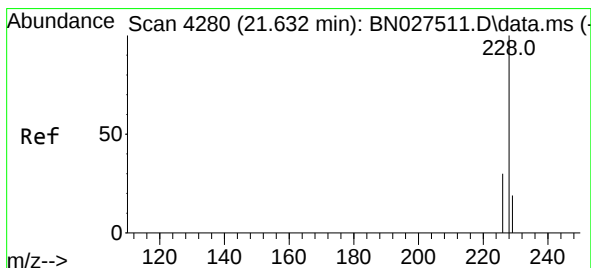
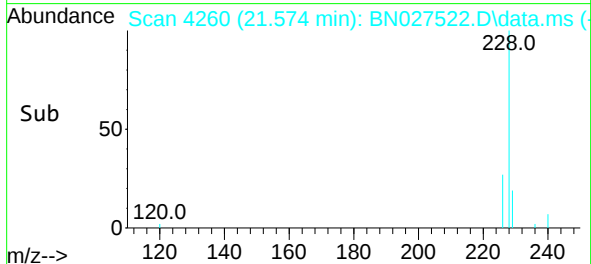
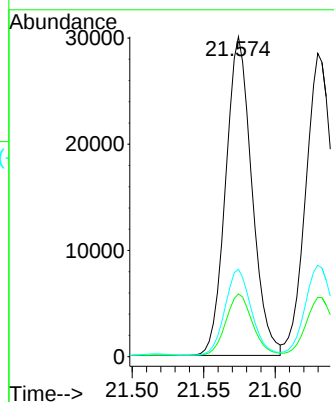
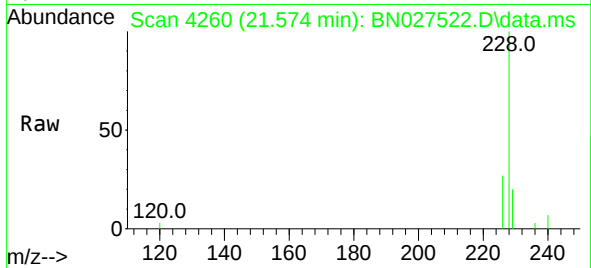




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.574 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

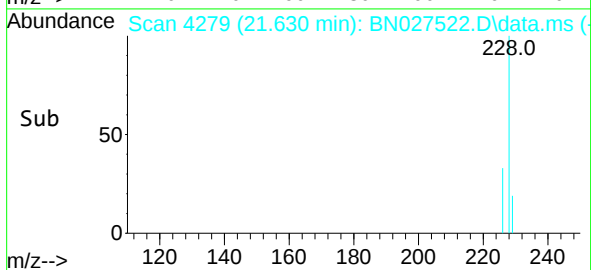
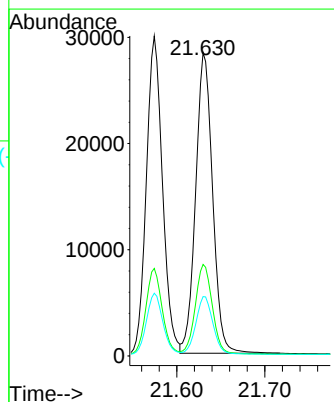
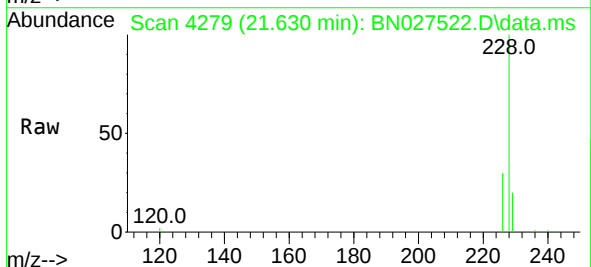
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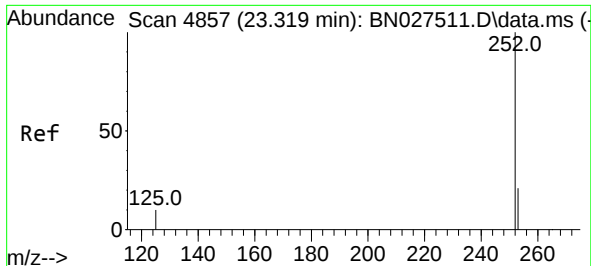
Tgt Ion:228 Resp: 38274
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

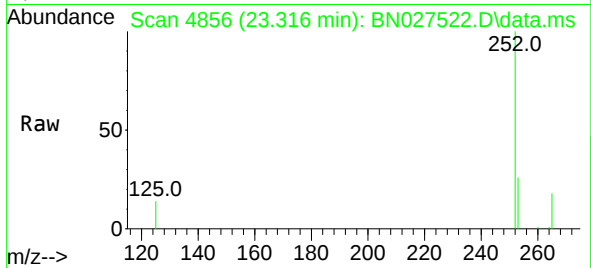
Tgt Ion:228 Resp: 37988
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.6 15.6 23.4



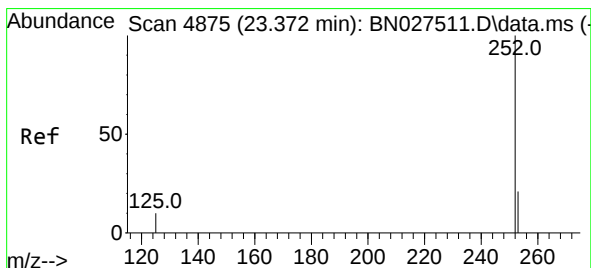
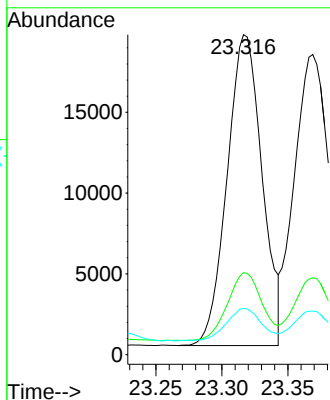


#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Instrument :
BNA_N
ClientSampleId :
SLCS262

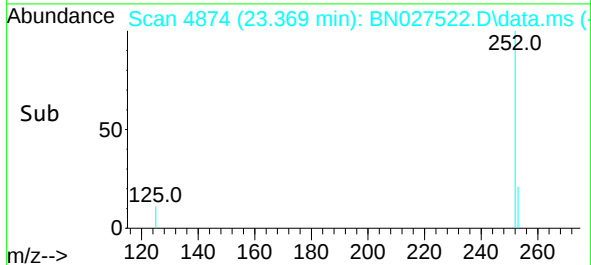
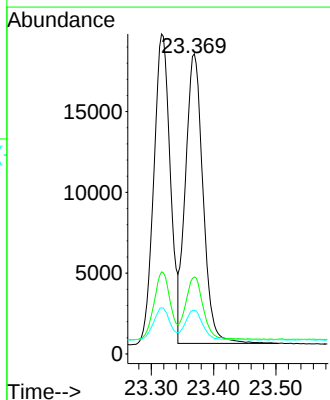
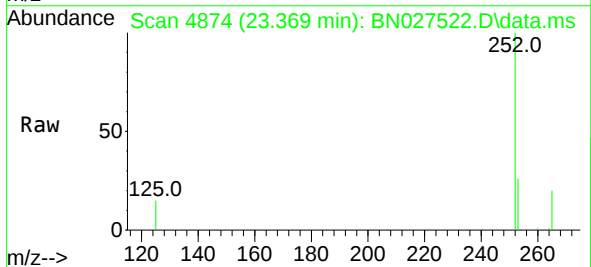


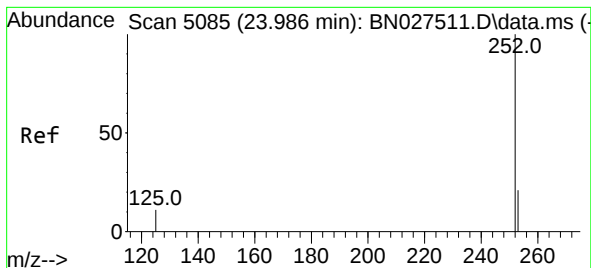
Tgt Ion:252 Resp: 35454
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.6
125 14.5 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.352 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. -0.009 min
Lab File: BN027522.D
Acq: 10 Sep 2023 03:46

Tgt Ion:252 Resp: 35074
Ion Ratio Lower Upper
252 100
253 25.7 19.9 29.9
125 14.6 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.367 ng/ul

RT: 23.983 min Scan# 5085

Delta R.T. -0.012 min

Lab File: BN027522.D

Acq: 10 Sep 2023 03:46

Instrument :

BNA_N

ClientSampleId :

SLCS262

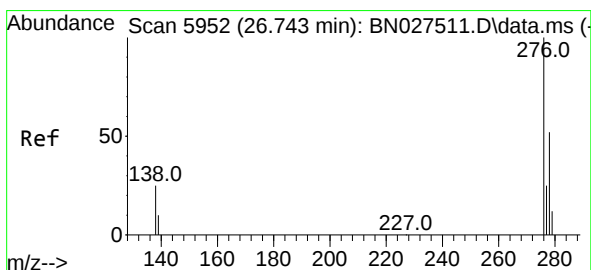
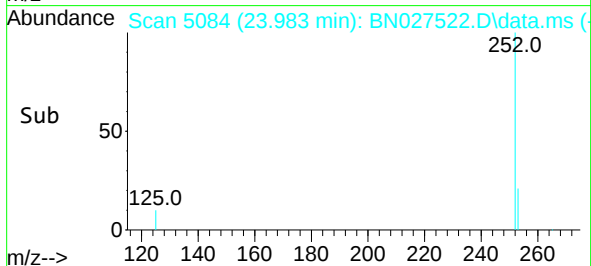
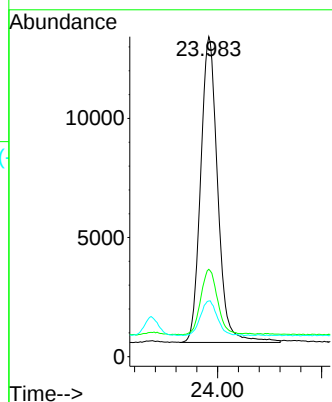
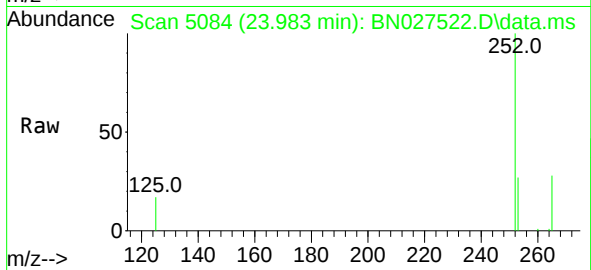
Tgt Ion:252 Resp: 29209

Ion Ratio Lower Upper

252 100

253 27.3 22.4 33.6

125 17.4 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.391 ng/ul

RT: 26.737 min Scan# 5950

Delta R.T. -0.017 min

Lab File: BN027522.D

Acq: 10 Sep 2023 03:46

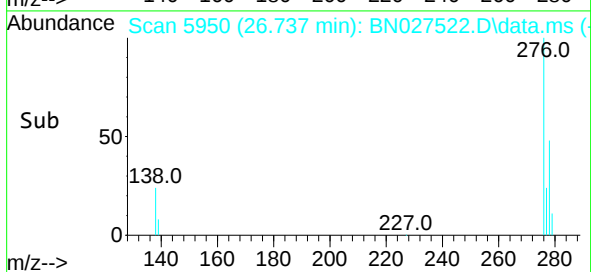
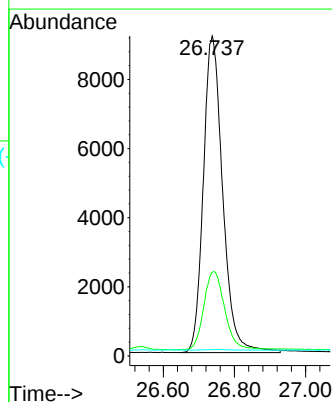
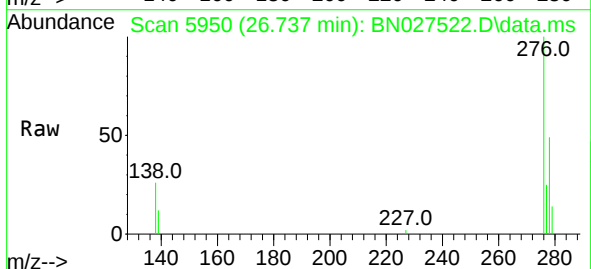
Tgt Ion:276 Resp: 34606

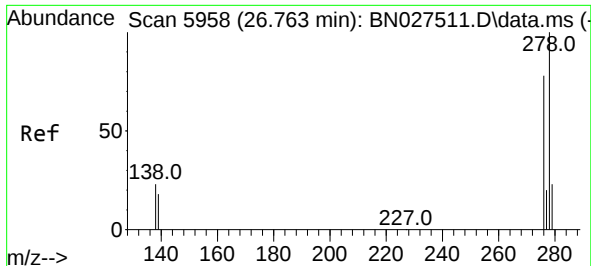
Ion Ratio Lower Upper

276 100

138 26.8 23.9 35.9

227 0.2 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.411 ng/ul

RT: 26.761 min Scan# 5958

Delta R.T. -0.017 min

Lab File: BN027522.D

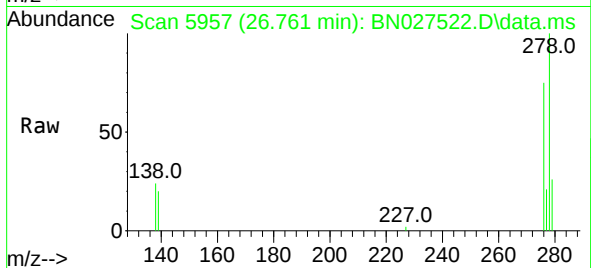
Acq: 10 Sep 2023 03:46

Instrument :

BNA_N

ClientSampleId :

SLCS262



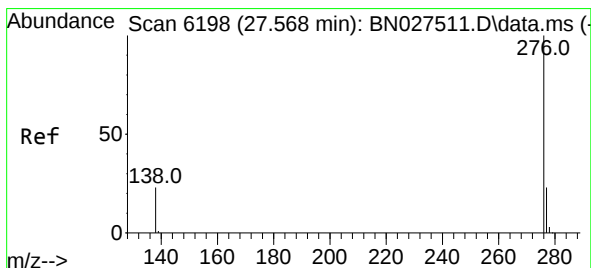
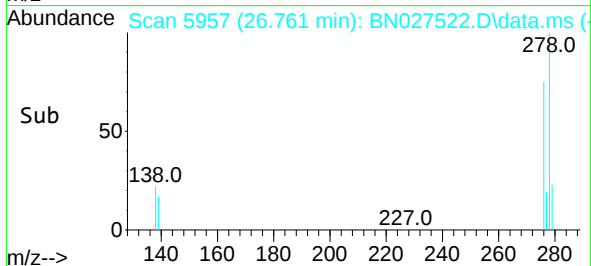
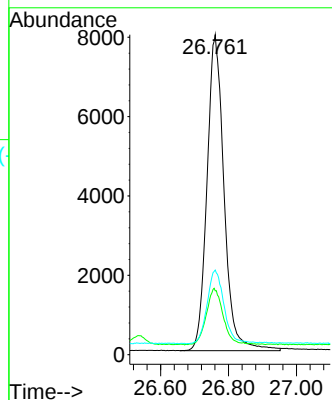
Tgt Ion:278 Resp: 27780

Ion Ratio Lower Upper

278 100

139 19.9 18.0 27.0

279 26.5 22.7 34.1



#29

Benzo(g,h,i)perylene

Concen: 0.363 ng/ul

RT: 27.566 min Scan# 6197

Delta R.T. -0.017 min

Lab File: BN027522.D

Acq: 10 Sep 2023 03:46

Tgt Ion:276 Resp: 28985

Ion Ratio Lower Upper

276 100

138 24.7 22.1 33.1

277 25.0 20.2 30.4

