

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027722.D
 Acq On : 16 Sep 2023 08:26
 Operator : MA/JU
 Sample : PB155388BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS388

Quant Time: Sep 18 00:49:40 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

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

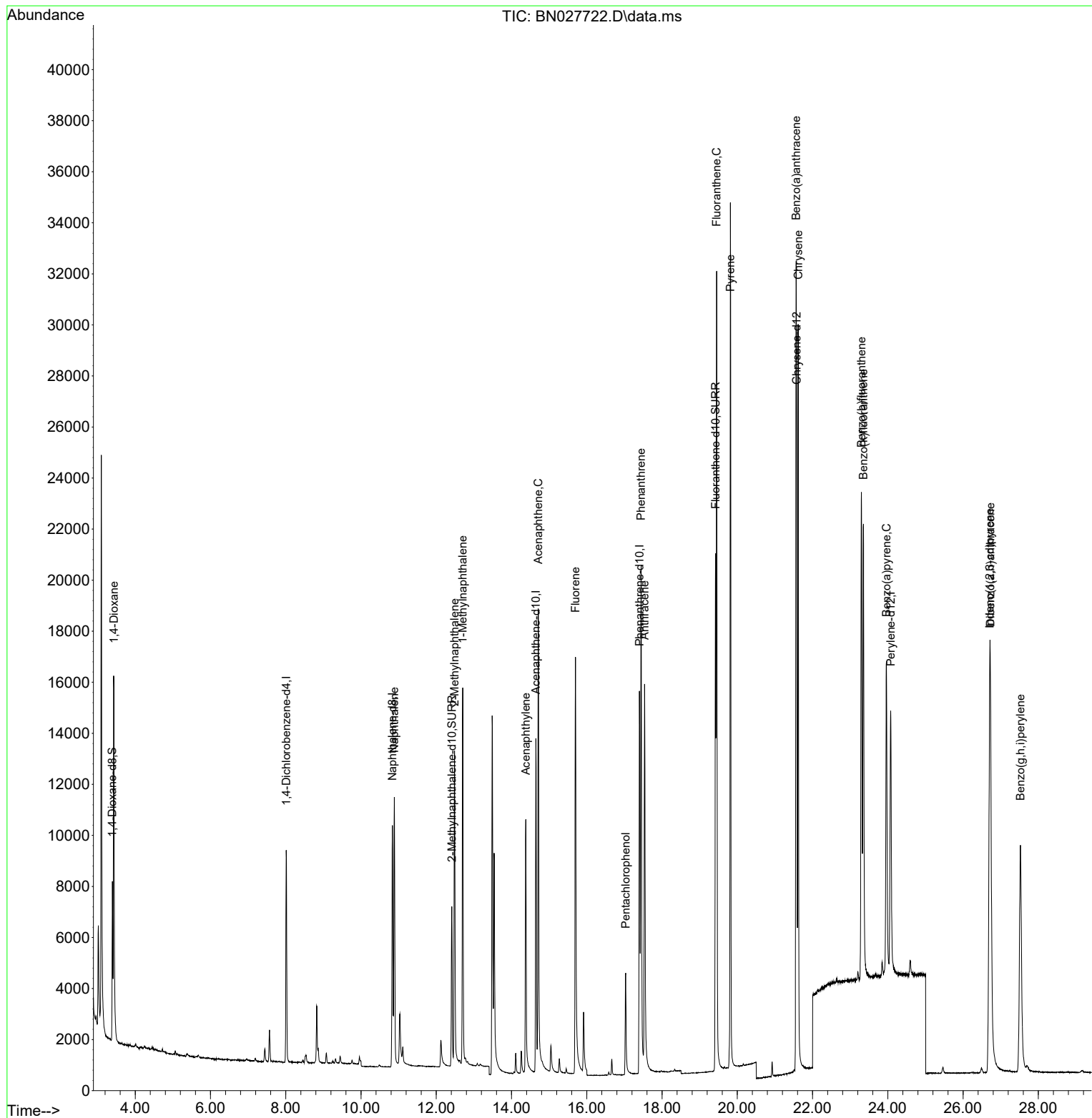
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	4378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	13817	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	7928	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	19485	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	17483	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	16366	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4235	0.768	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	8709	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	23454	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	10685	1.862	ng/ul#	85
5) Naphthalene	10.883	128	15140	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.484	142	9491	0.379	ng/ul	99
8) 1-Methylnaphthalene	12.704	142	10403	0.402	ng/ul	100
10) Acenaphthylene	14.379	152	13496	0.390	ng/ul	99
11) Acenaphthene	14.712	153	11645	0.389	ng/ul	99
12) Fluorene	15.698	166	13629	0.387	ng/ul	99
14) Pentachlorophenol	17.033	266	3164	0.694	ng/ul	99
15) Phenanthrene	17.443	178	23878	0.390	ng/ul	99
16) Anthracene	17.535	178	20037	0.391	ng/ul	99
19) Fluoranthene	19.450	202	28079	0.397	ng/ul	99
20) Pyrene	19.817	202	28775	0.395	ng/ul	99
21) Benzo(a)anthracene	21.562	228	26016	0.385	ng/ul	100
22) Chrysene	21.618	228	27263	0.390	ng/ul	100
24) Benzo(b)fluoranthene	23.298	252	27408	0.376	ng/ul	99
25) Benzo(k)fluoranthene	23.351	252	27319	0.386	ng/ul	99
26) Benzo(a)pyrene	23.962	252	22351	0.381	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.706	276	27827	0.370	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.726	278	22402	0.370	ng/ul	99
29) Benzo(g,h,i)perylene	27.525	276	23796	0.373	ng/ul	99

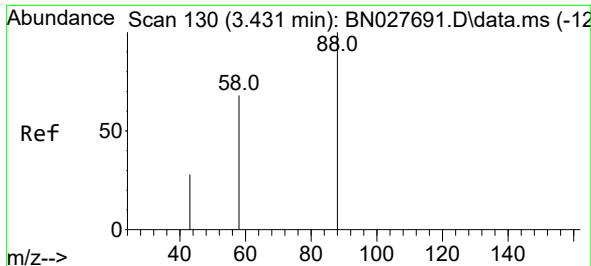
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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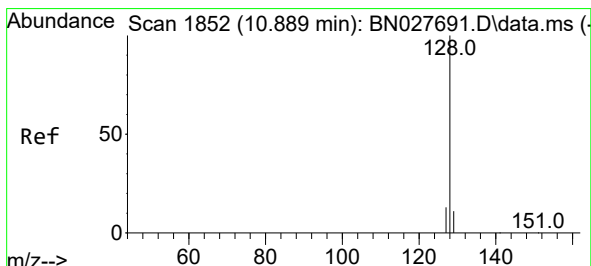
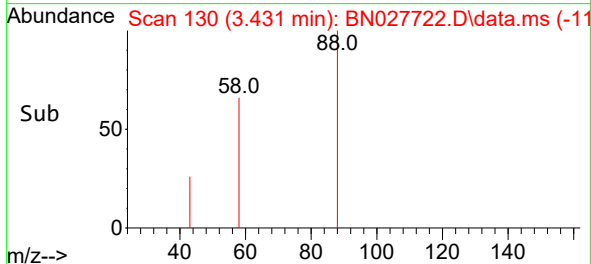
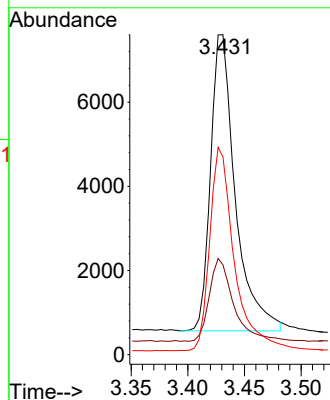
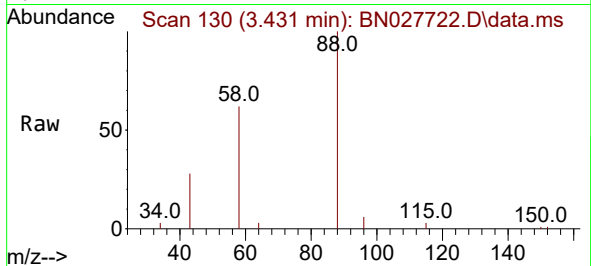




#2
1,4-Dioxane
Concen: 1.862 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

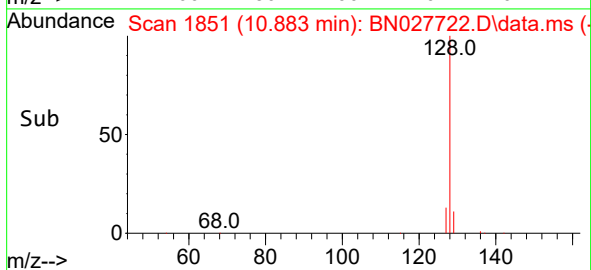
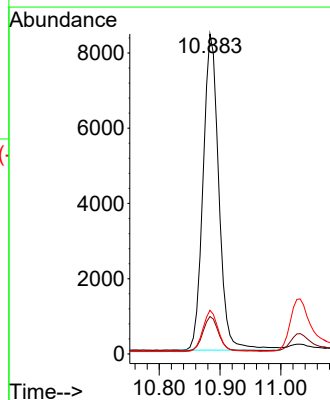
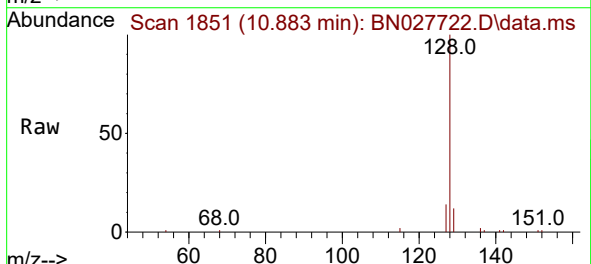
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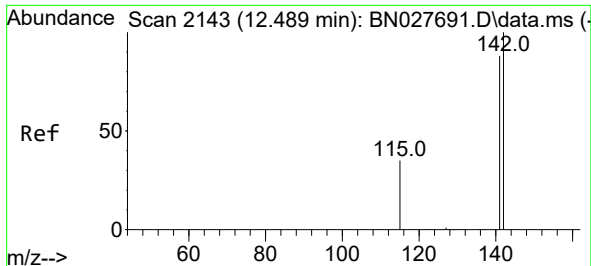
Tgt Ion: 88 Resp: 10685
Ion Ratio Lower Upper
88 100
43 28.1 39.6 59.4#
58 61.8 48.3 72.5



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.883 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:128 Resp: 15140
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 10.7 16.1

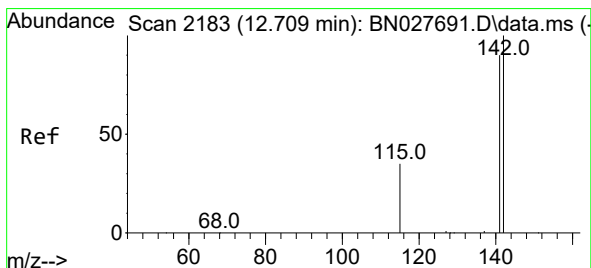
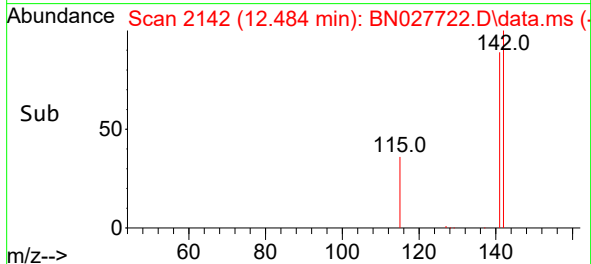
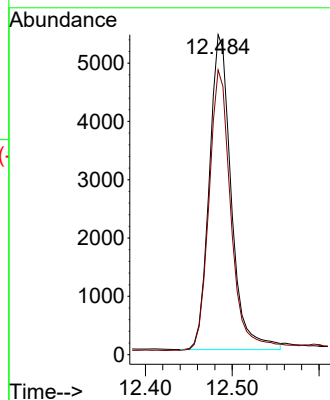
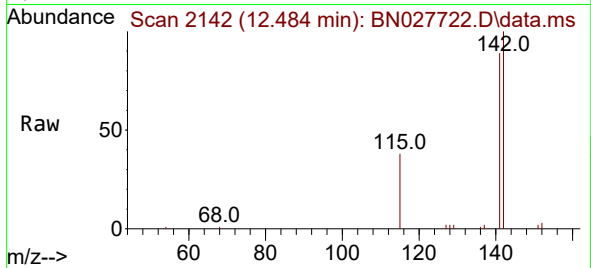




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.484 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

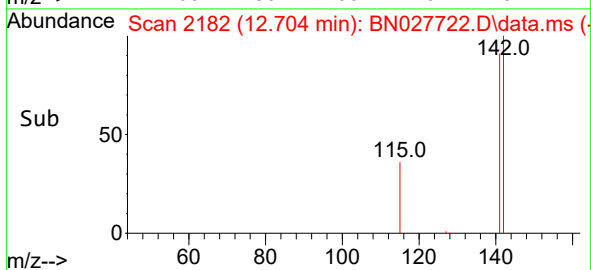
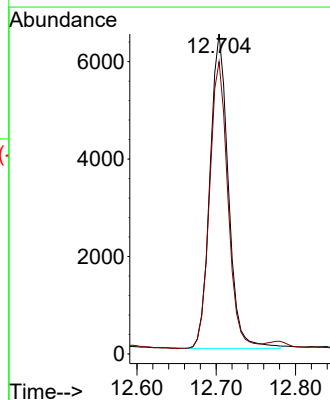
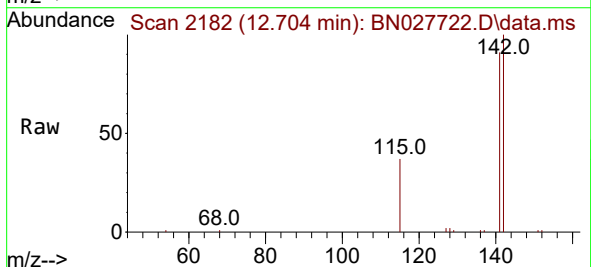
Instrument :
BNA_N
ClientSampleId :
SLCS388

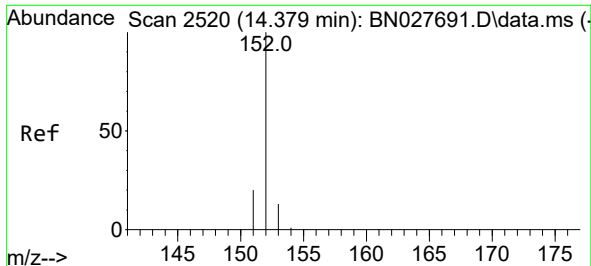
Tgt Ion:142 Resp: 9491
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.704 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:142 Resp: 10403
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2

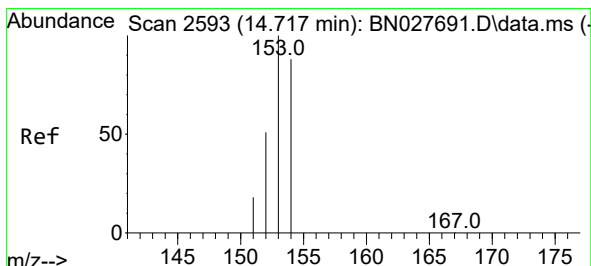
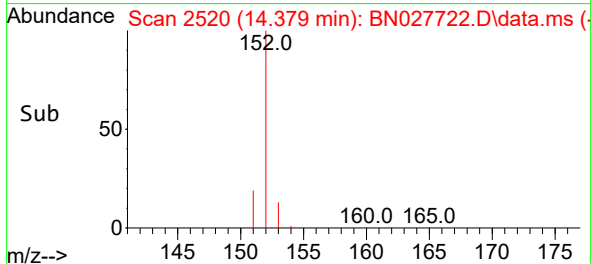
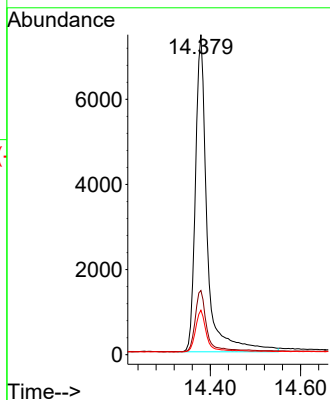
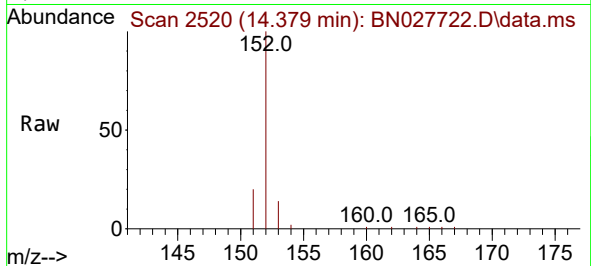




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

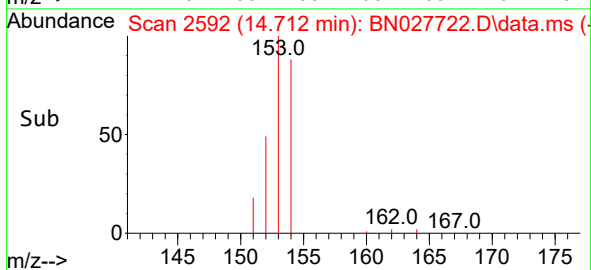
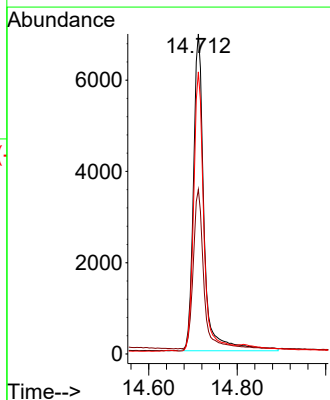
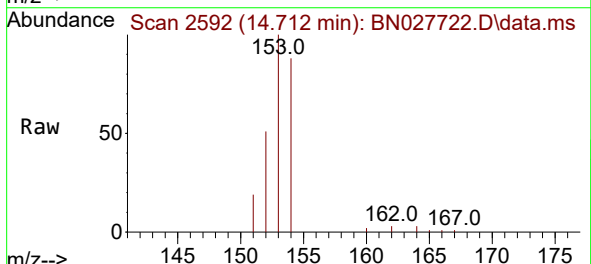
Instrument :
BNA_N
ClientSampleId :
SLCS388

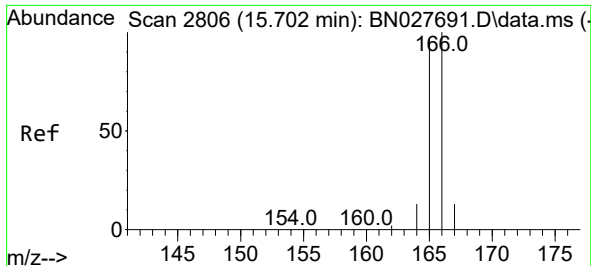
Tgt Ion:152 Resp: 13496
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.9 11.0 16.6



#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:153 Resp: 11645
Ion Ratio Lower Upper
153 100
152 51.4 41.7 62.5
154 88.2 70.3 105.5

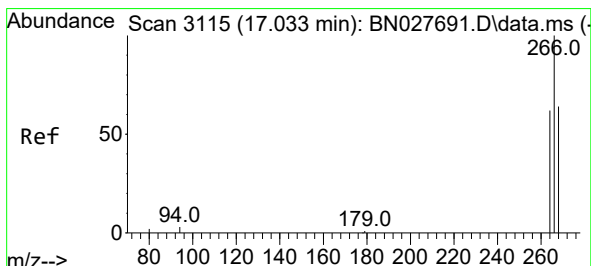
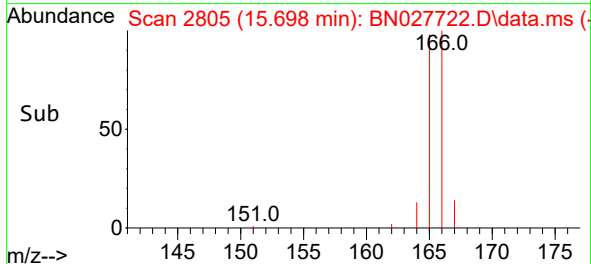
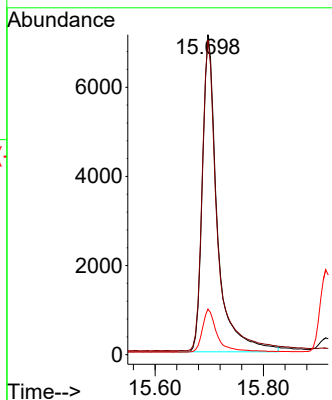
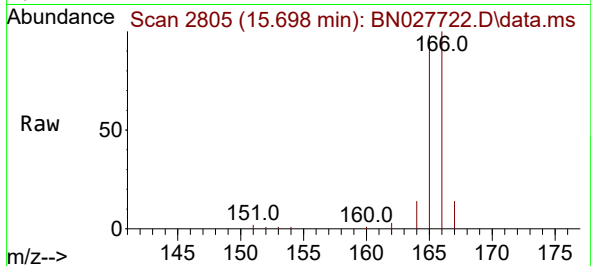




#12
Fluorene
Concen: 0.387 ng/ul
RT: 15.698 min Scan# 2805
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

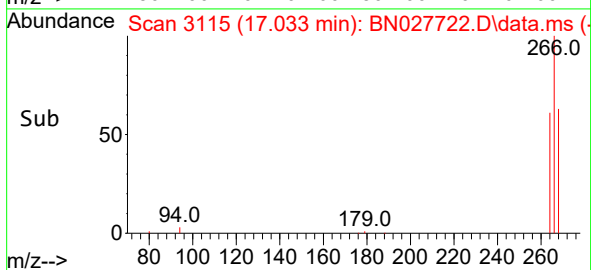
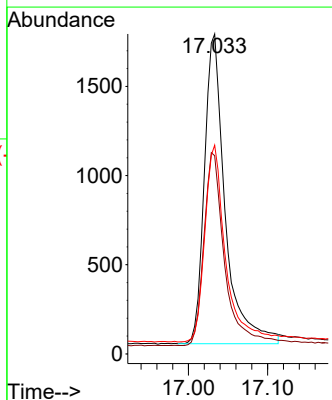
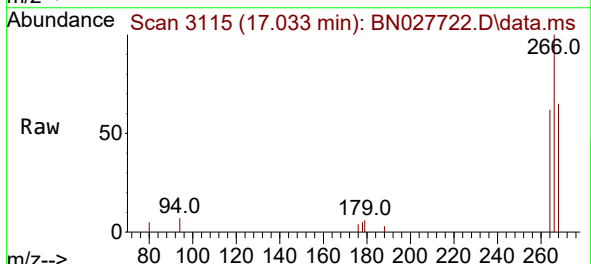
Instrument :
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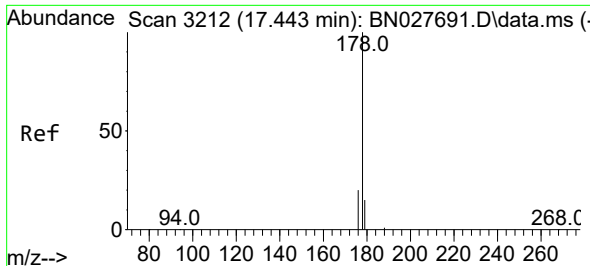
Tgt Ion:166 Resp: 13629
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 14.2 11.4 17.2



#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 17.033 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:266 Resp: 3164
Ion Ratio Lower Upper
266 100
264 62.6 49.6 74.4
268 64.1 50.7 76.1

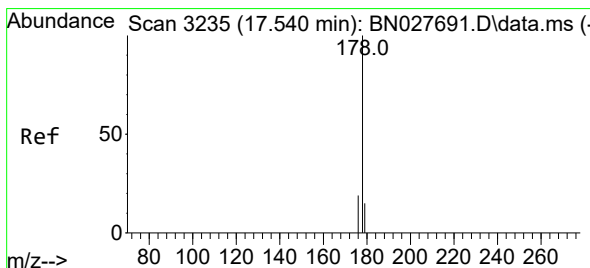
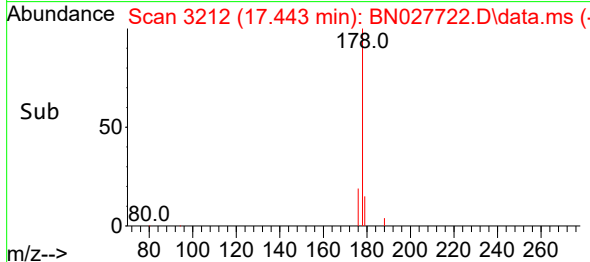
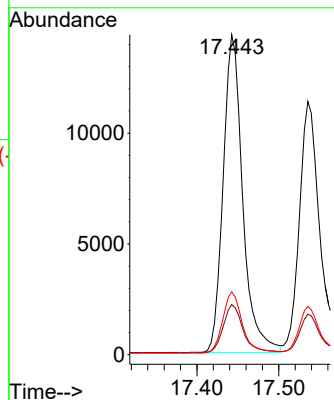
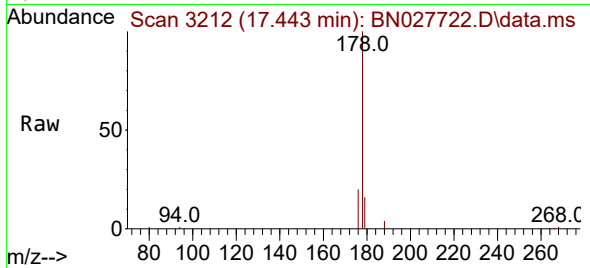




#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. -0.000 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

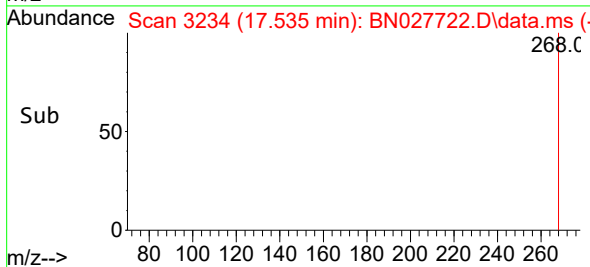
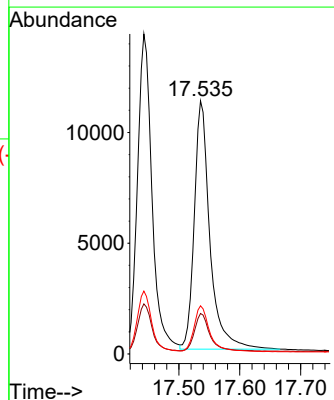
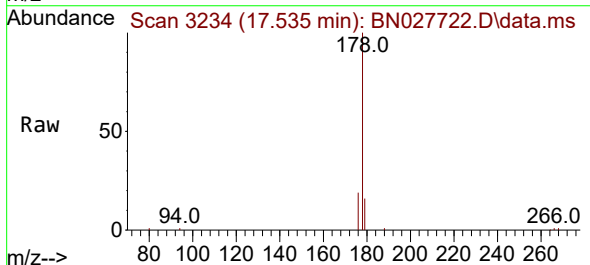
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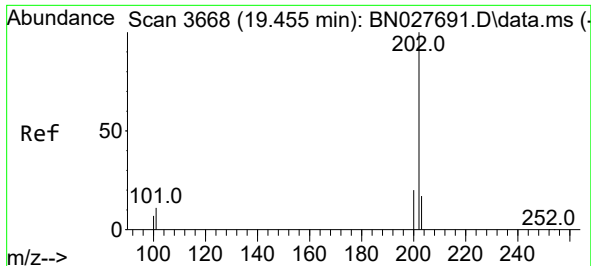
Tgt Ion:	178	Resp:	23878
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	19.6	16.0	24.0



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.535 min Scan# 3234
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:	178	Resp:	20037
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.0	15.5	23.3

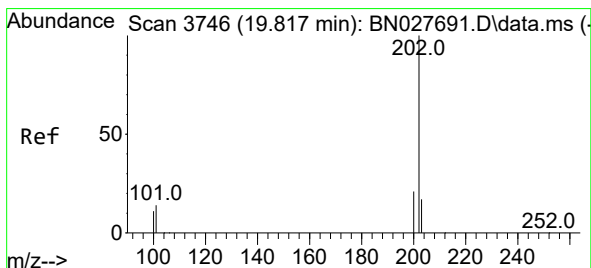
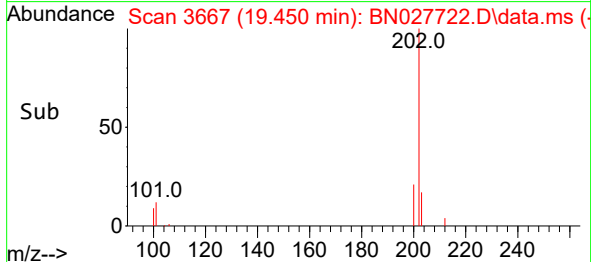
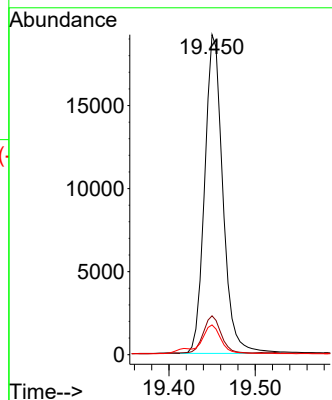
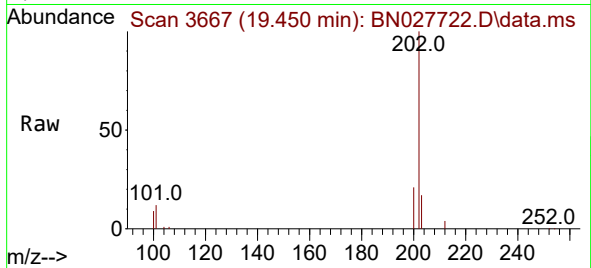




#19
Fluoranthene
Concen: 0.397 ng/ul
RT: 19.450 min Scan# 3667
Delta R.T. -0.005 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

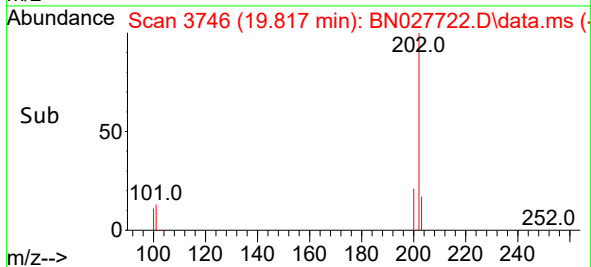
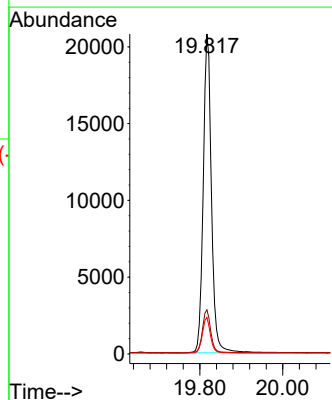
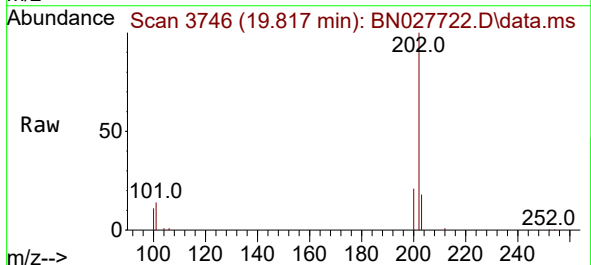
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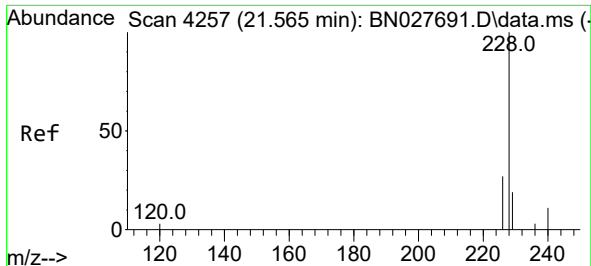
Tgt Ion:202 Resp: 28079
Ion Ratio Lower Upper
202 100
101 12.1 9.3 13.9
100 9.3 7.0 10.4



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:202 Resp: 28775
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.5 9.1 13.7

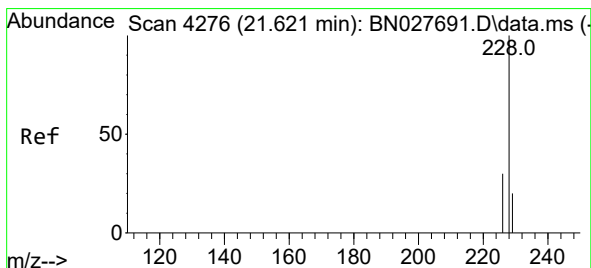
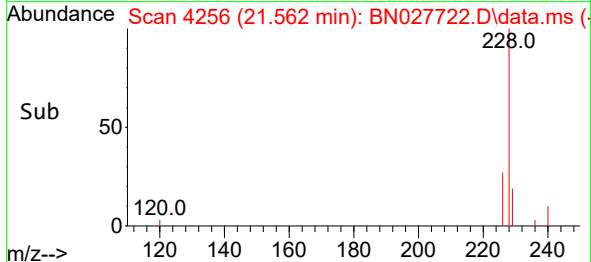
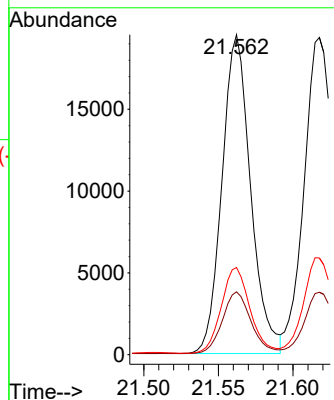
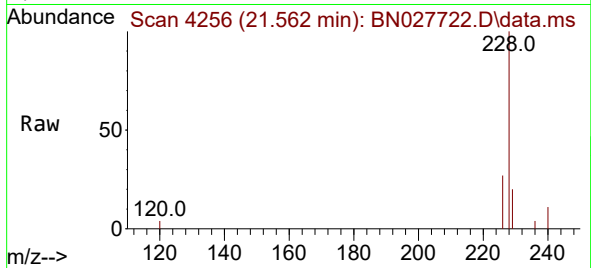




#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

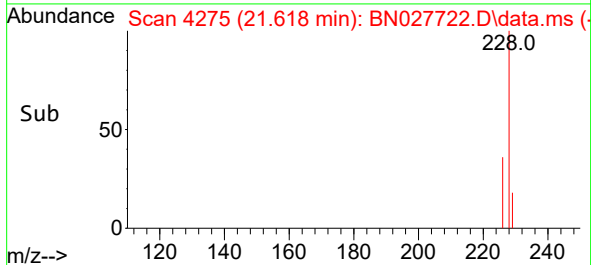
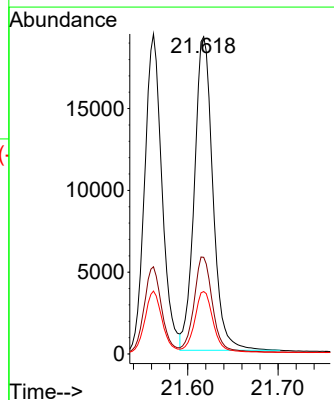
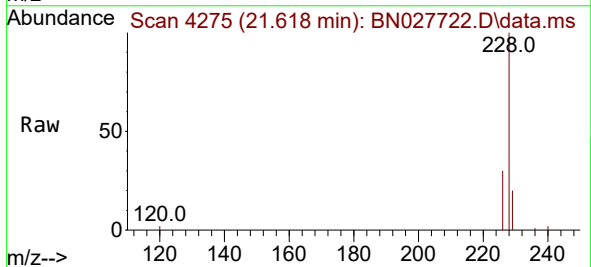
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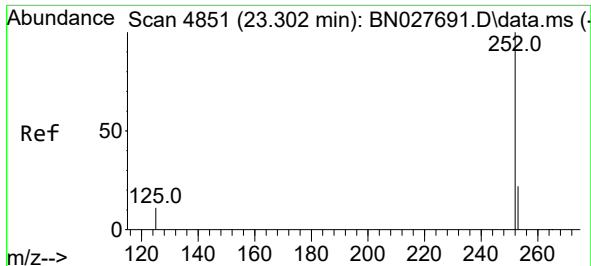
Tgt Ion:228 Resp: 26016
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.2 22.0 33.0



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

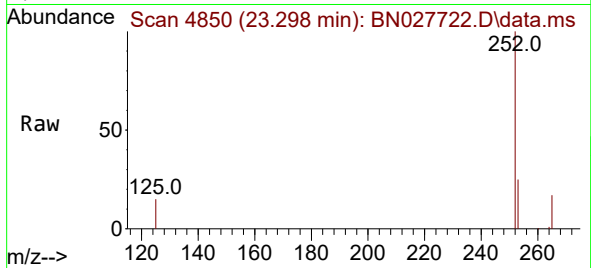
Tgt Ion:228 Resp: 27263
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 19.7 16.0 24.0



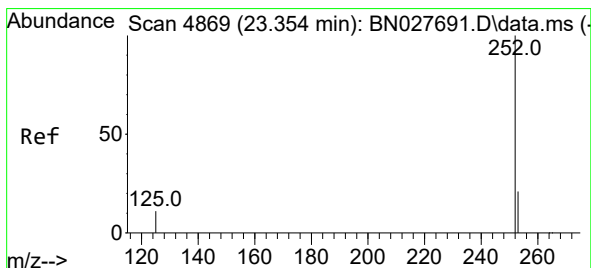
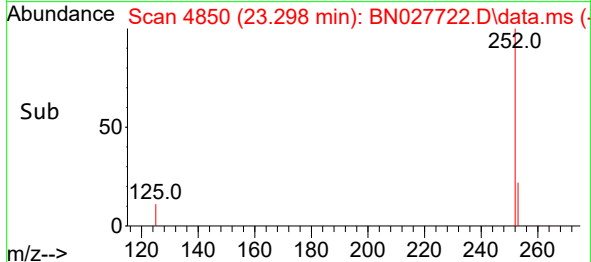
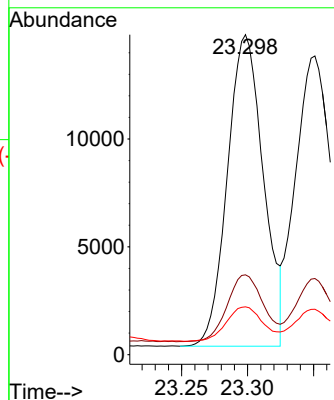


#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.298 min Scan# 4850
Delta R.T. -0.003 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Instrument :
BNA_N
ClientSampleId :
SLCS388

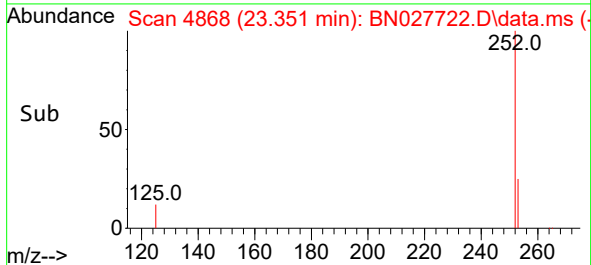
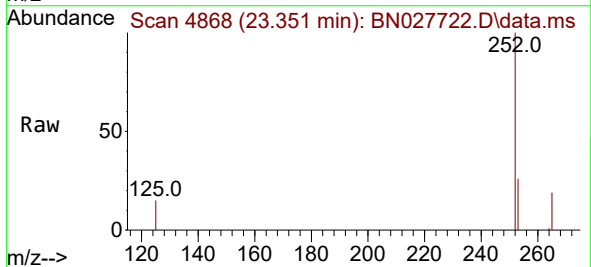
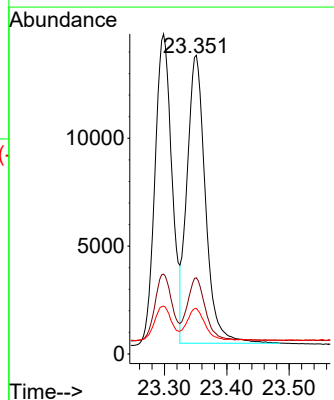


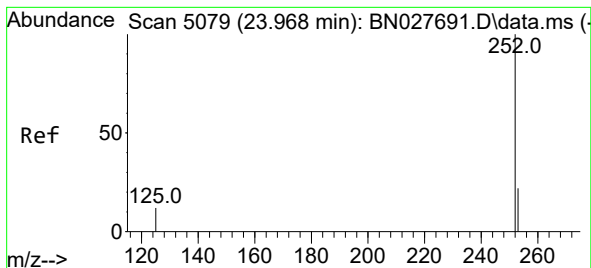
Tgt Ion:252 Resp: 27408
Ion Ratio Lower Upper
252 100
253 24.9 0.0 50.2
125 14.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:252 Resp: 27319
Ion Ratio Lower Upper
252 100
253 25.5 19.9 29.9
125 15.2 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.381 ng/ul

RT: 23.962 min Scan# 5079

Delta R.T. -0.006 min

Lab File: BN027722.D

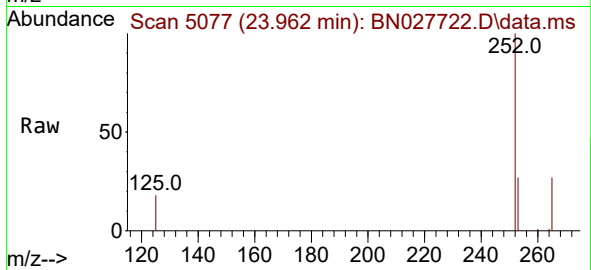
Acq: 16 Sep 2023 08:26

Instrument :

BNA_N

ClientSampleId :

SLCS388



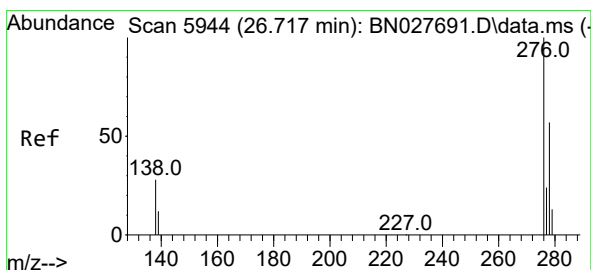
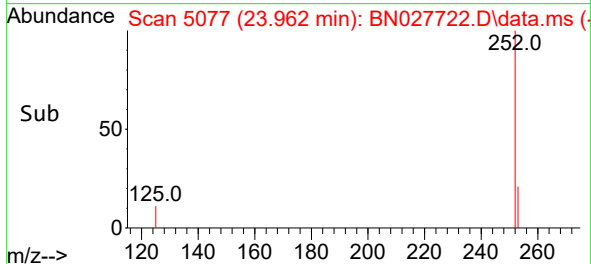
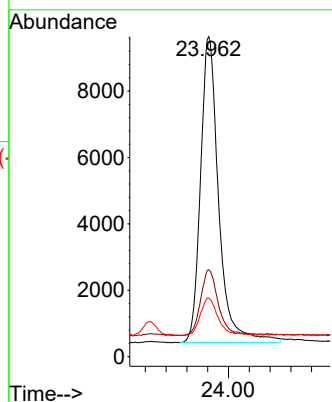
Tgt Ion:252 Resp: 22351

Ion Ratio Lower Upper

252 100

253 27.2 21.9 32.9

125 18.3 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

RT: 26.706 min Scan# 5941

Delta R.T. -0.010 min

Lab File: BN027722.D

Acq: 16 Sep 2023 08:26

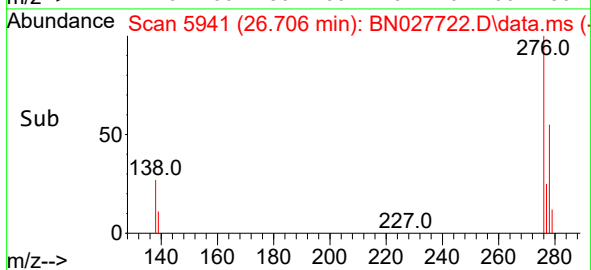
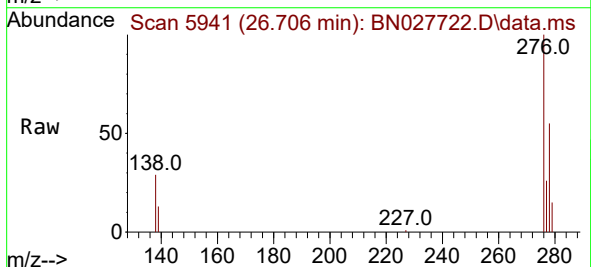
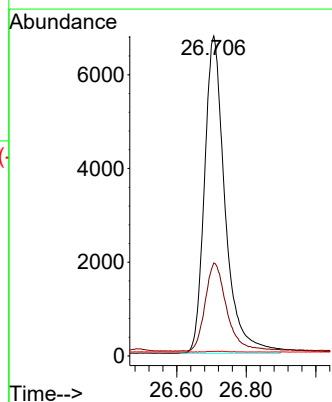
Tgt Ion:276 Resp: 27827

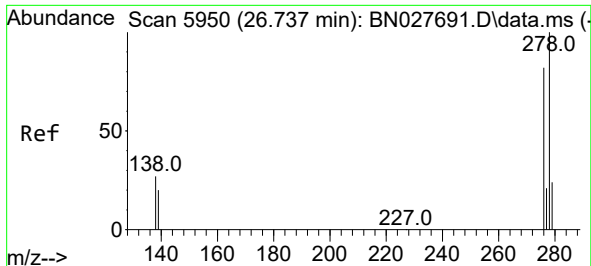
Ion Ratio Lower Upper

276 100

138 29.3 24.3 36.5

227 0.0 0.0 0.0#

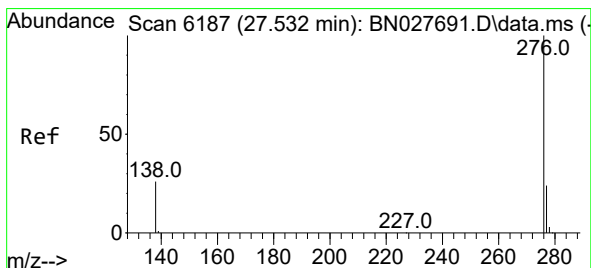
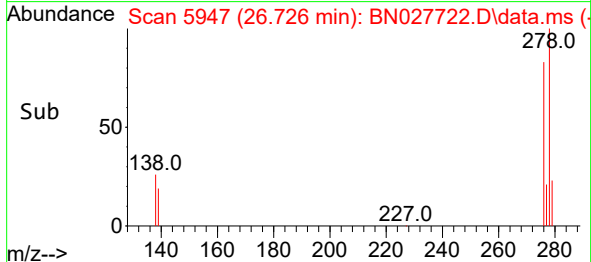
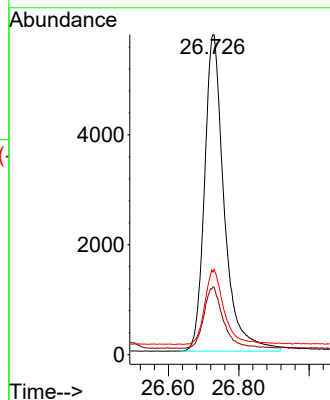
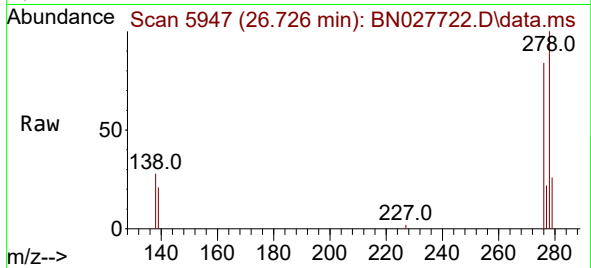




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.726 min Scan# 5947
Delta R.T. -0.010 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Instrument :
BNA_N
ClientSampleId :
SLCS388

Tgt Ion:278 Resp: 22402
Ion Ratio Lower Upper
278 100
139 21.2 17.2 25.8
279 25.7 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.525 min Scan# 6185
Delta R.T. -0.007 min
Lab File: BN027722.D
Acq: 16 Sep 2023 08:26

Tgt Ion:276 Resp: 23796
Ion Ratio Lower Upper
276 100
138 26.3 21.7 32.5
277 25.3 20.2 30.2

