

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021324\
 Data File : BN029719.D
 Acq On : 12 Feb 2024 18:26
 Operator : MA/JU
 Sample : PB158957BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS957

Quant Time: Feb 12 23:34:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Feb 11 23:18:17 2024
 Response via : Initial Calibration

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

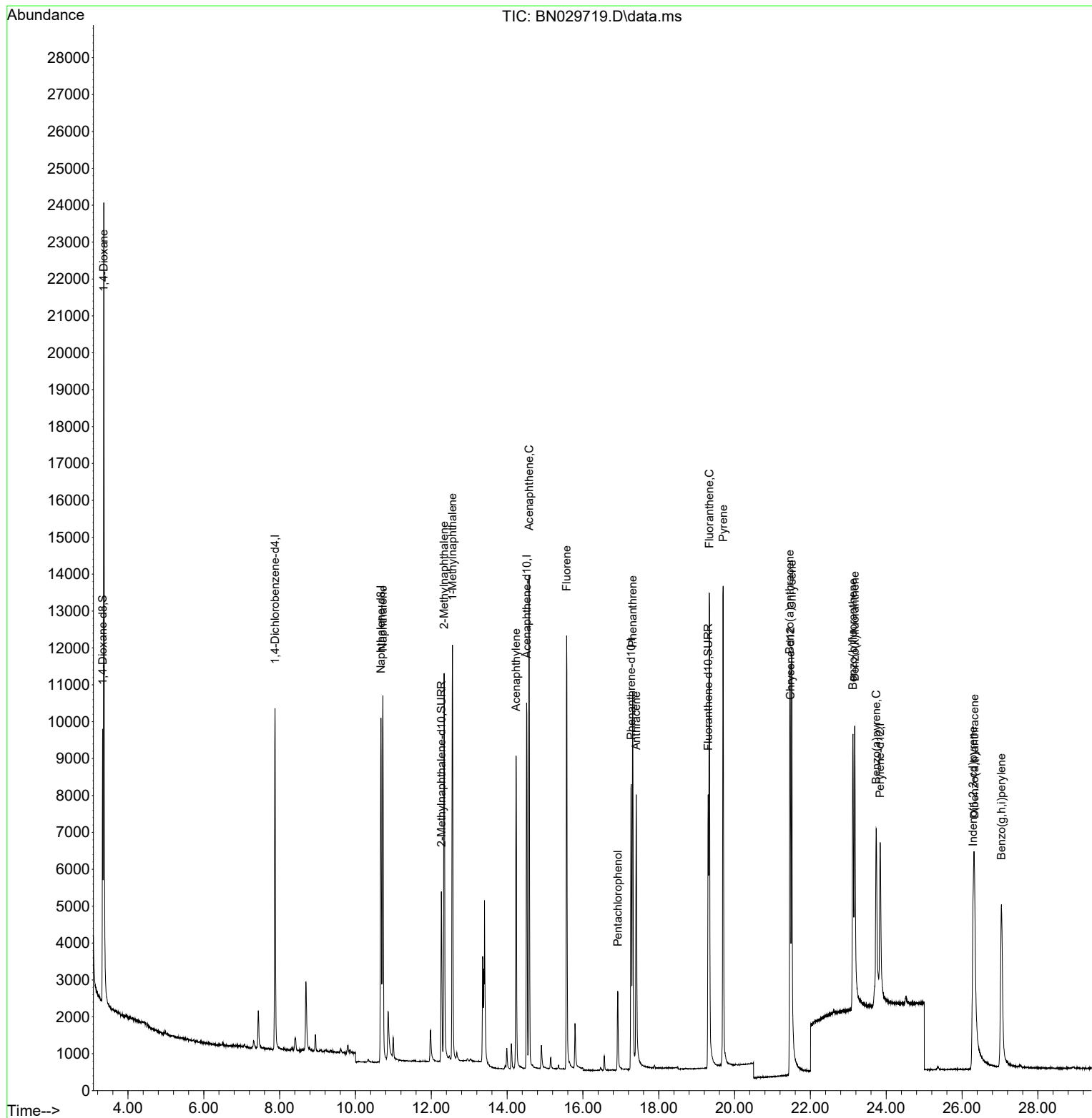
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.876	152	5002	0.400	ng/ul	0.00
4) Naphthalene-d8	10.672	136	13401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.516	164	5630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.272	188	9756	0.400	ng/ul	0.00
17) Chrysene-d12	21.473	240	7000	0.400	ng/ul	0.00
23) Perylene-d12	23.840	264	6712	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.332	96	4630	0.742	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	6447	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	8845	0.384	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.361	88	14655	2.158	ng/ul#	87
5) Naphthalene	10.722	128	14289	0.379	ng/ul	99
7) 2-Methylnaphthalene	12.338	142	7995	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.558	142	7919	0.360	ng/ul	99
10) Acenaphthylene	14.238	152	10326	0.376	ng/ul	99
11) Acenaphthene	14.580	153	7902	0.378	ng/ul	99
12) Fluorene	15.570	166	7978	0.365	ng/ul	99
14) Pentachlorophenol	16.917	266	1659	0.762	ng/ul#	50
15) Phenanthrene	17.314	178	11642	0.382	ng/ul	99
16) Anthracene	17.407	178	9774	0.381	ng/ul	99
19) Fluoranthene	19.332	202	12061	0.375	ng/ul	98
20) Pyrene	19.699	202	12480	0.379	ng/ul	98
21) Benzo(a)anthracene	21.455	228	9432	0.374	ng/ul	99
22) Chrysene	21.508	228	11079	0.401	ng/ul	99
24) Benzo(b)fluoranthene	23.121	252	10892	0.431	ng/ul	99
25) Benzo(k)fluoranthene	23.171	252	11661	0.416	ng/ul	97
26) Benzo(a)pyrene	23.735	252	9724	0.409	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.292	276	12214	0.424	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.325	278	9438	0.417	ng/ul	95
29) Benzo(g,h,i)perylene	27.040	276	11527	0.441	ng/ul	99

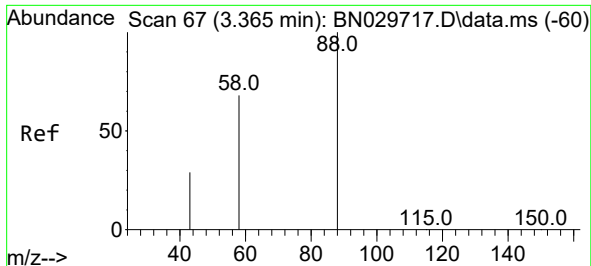
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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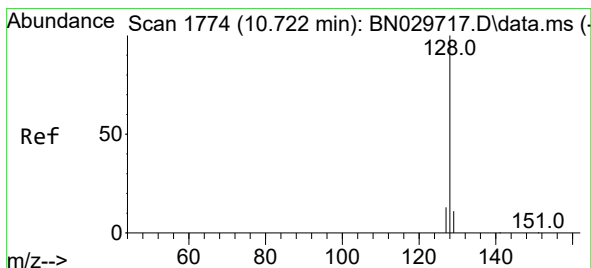
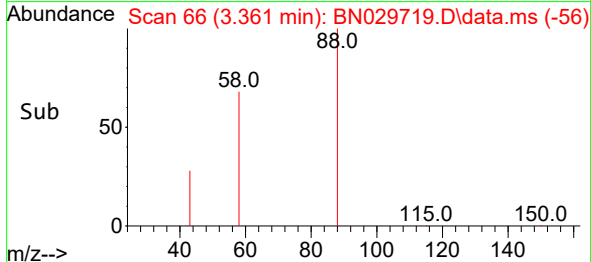
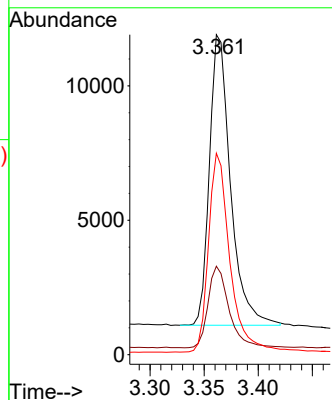
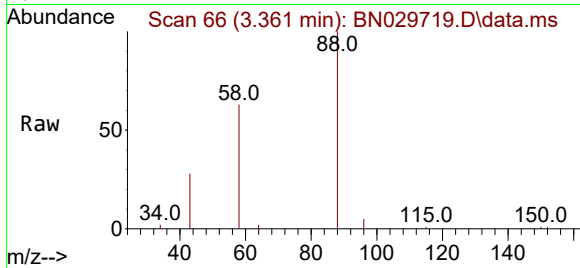




#2
1,4-Dioxane
Concen: 2.158 ng/ul
RT: 3.361 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

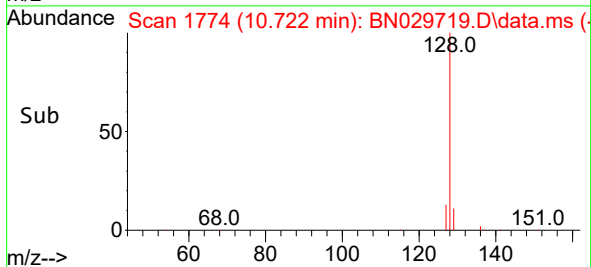
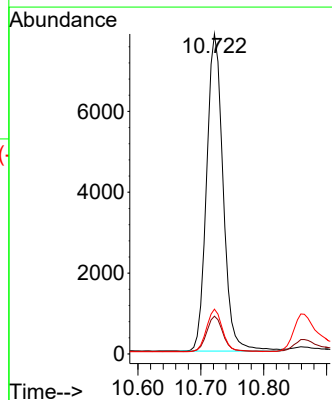
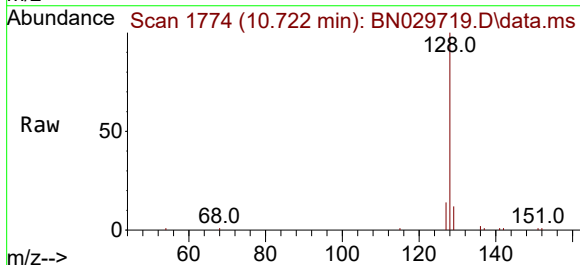
Instrument :
BNA_N
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SLCS957

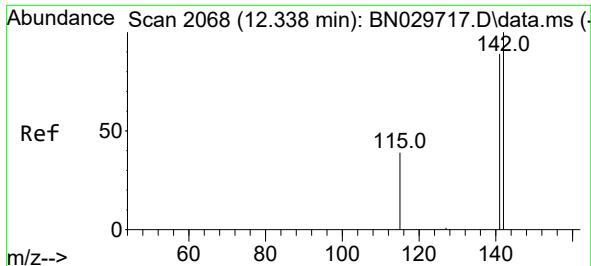
Tgt Ion: 88 Resp: 14655
Ion Ratio Lower Upper
88 100
43 27.6 21.8 32.6
58 63.0 39.3 58.9#



#5
Naphthalene
Concen: 0.379 ng/ul
RT: 10.722 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

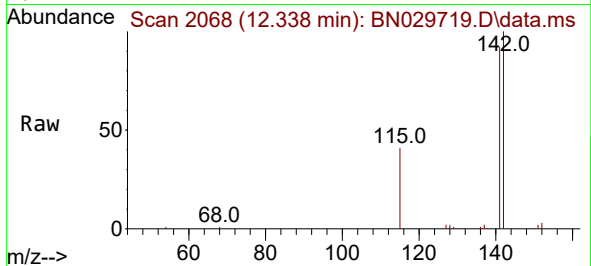
Tgt Ion:128 Resp: 14289
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.0 11.0 16.6



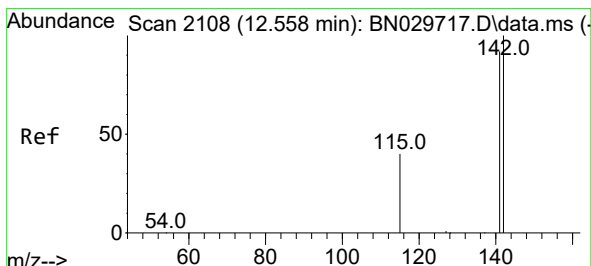
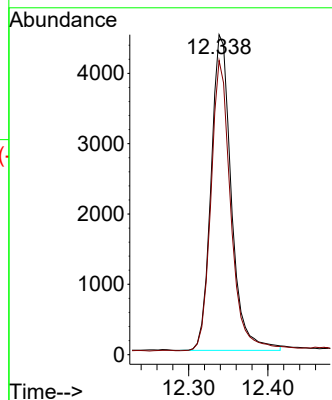
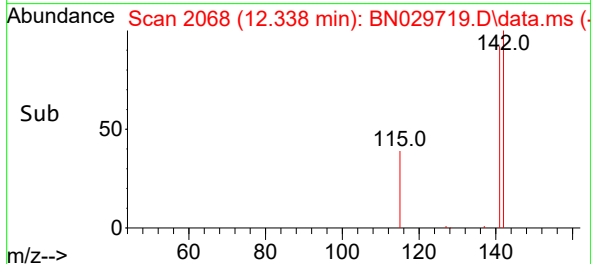


#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.338 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS957

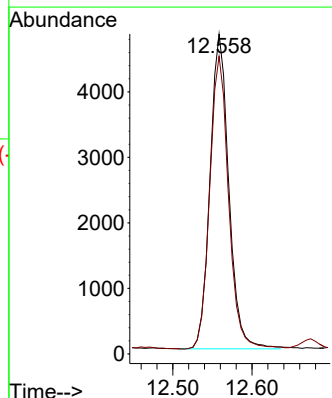
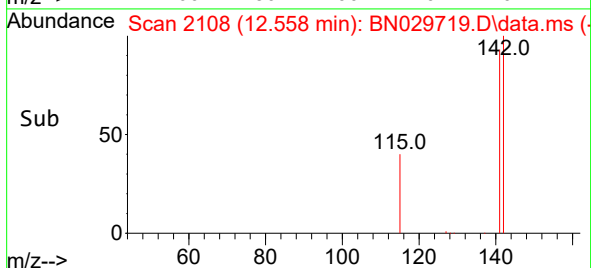
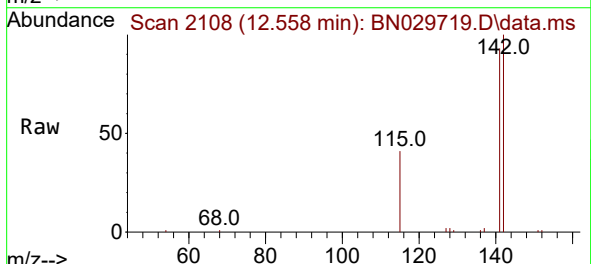


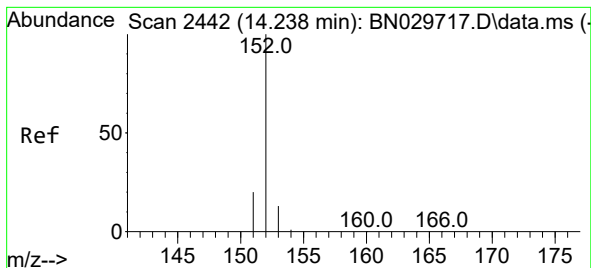
Tgt Ion:142 Resp: 7995
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.558 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Tgt Ion:142 Resp: 7919
Ion Ratio Lower Upper
142 100
141 93.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.238 min Scan# 2442

Delta R.T. -0.005 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_N

ClientSampleId :

SLCS957

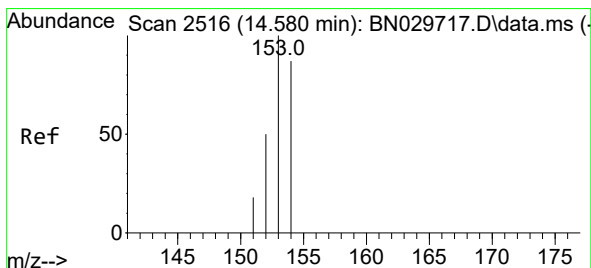
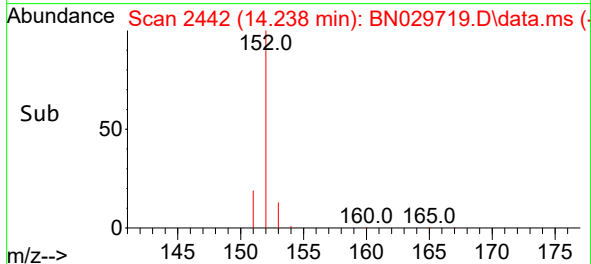
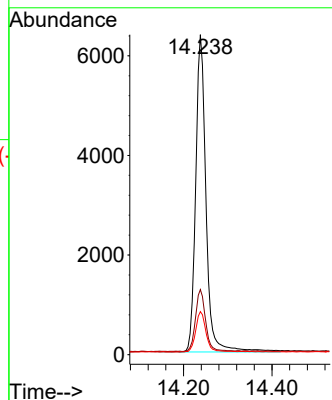
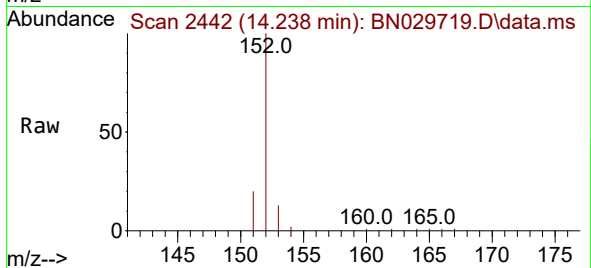
Tgt Ion:152 Resp: 10326

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.5 10.9 16.3



#11

Acenaphthene

Concen: 0.378 ng/ul

RT: 14.580 min Scan# 2516

Delta R.T. -0.005 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

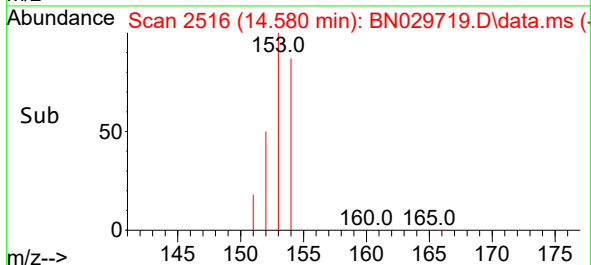
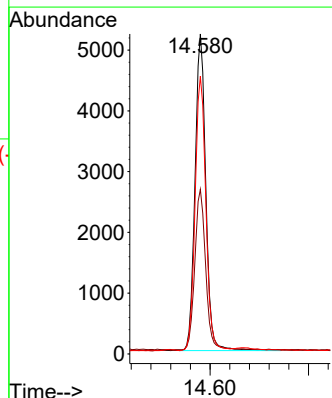
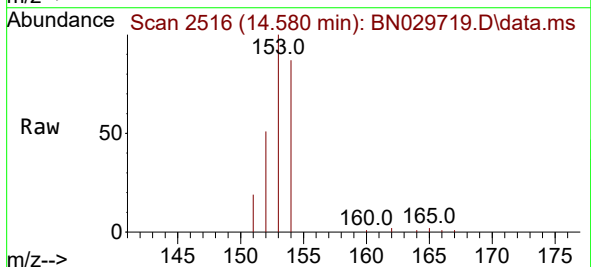
Tgt Ion:153 Resp: 7902

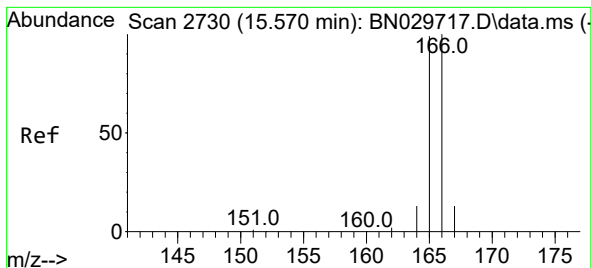
Ion Ratio Lower Upper

153 100

152 51.5 41.5 62.3

154 86.8 70.9 106.3





#12

Fluorene

Concen: 0.365 ng/ul

RT: 15.570 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

Instrument :

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ClientSampleId :

SLCS957

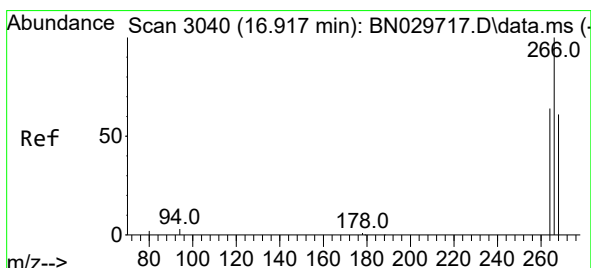
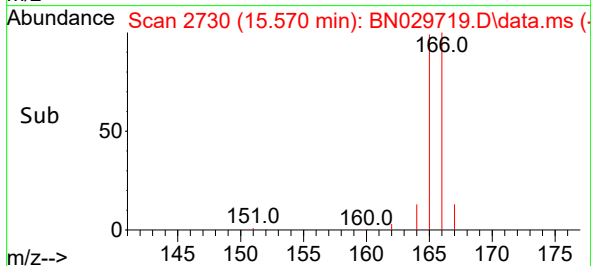
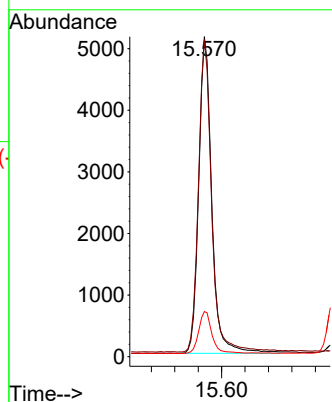
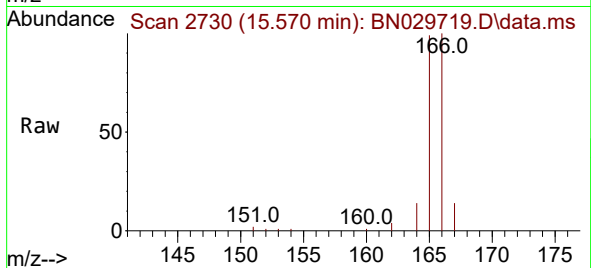
Tgt Ion:166 Resp: 7978

Ion Ratio Lower Upper

166 100

165 99.1 78.6 117.8

167 14.1 11.5 17.3



#14

Pentachlorophenol

Concen: 0.762 ng/ul

RT: 16.917 min Scan# 3040

Delta R.T. -0.004 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

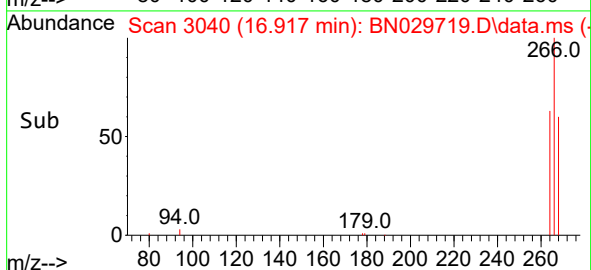
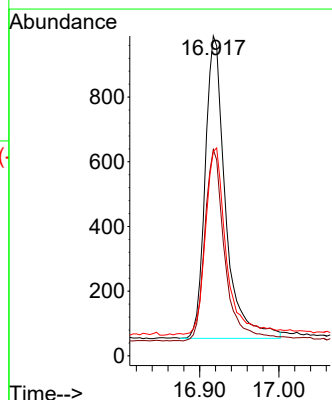
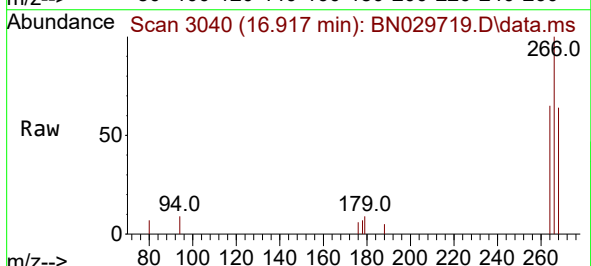
Tgt Ion:266 Resp: 1659

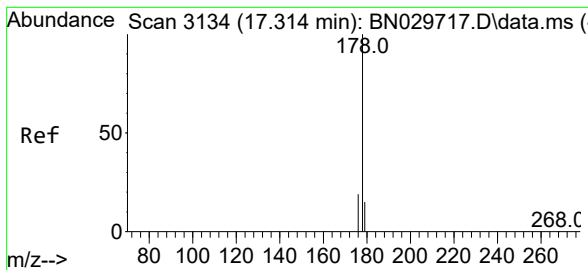
Ion Ratio Lower Upper

266 100

264 63.1 0.0 0.0#

268 64.4 0.2 0.2#

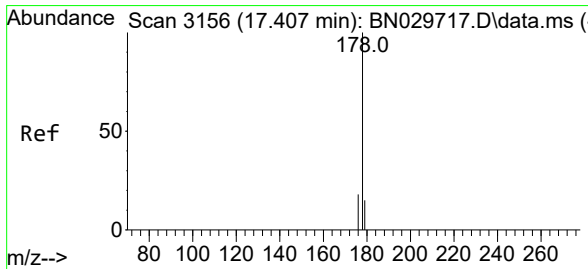
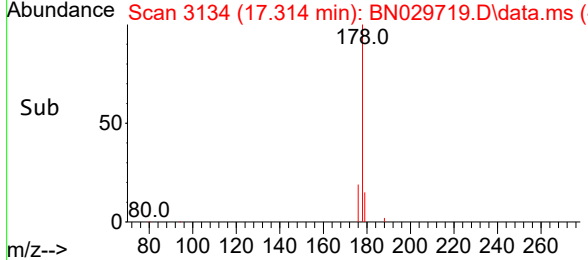
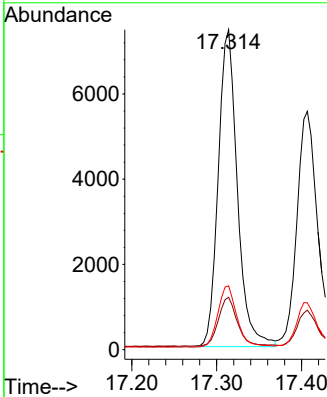
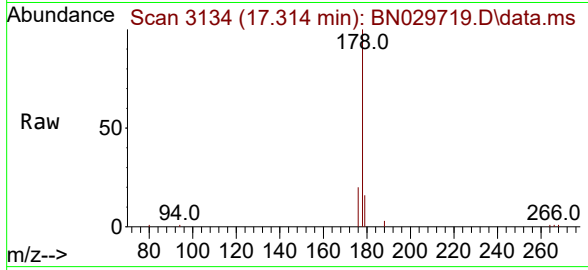




#15
 Phenanthrene
 Concen: 0.382 ng/ul
 RT: 17.314 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: BN029719.D
 Acq: 12 Feb 2024 18:26

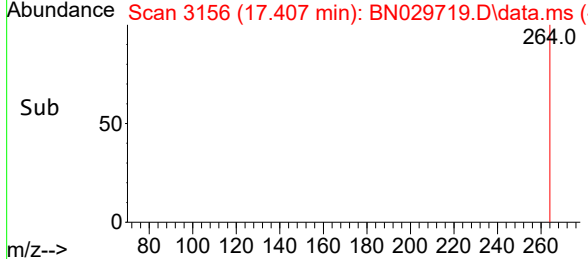
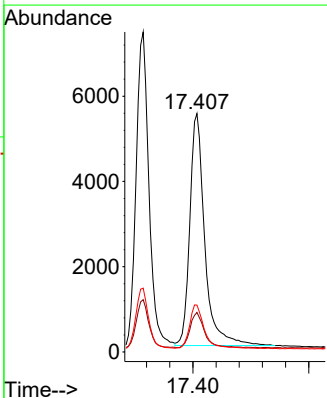
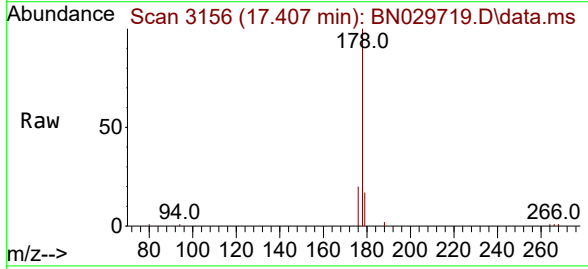
Instrument :
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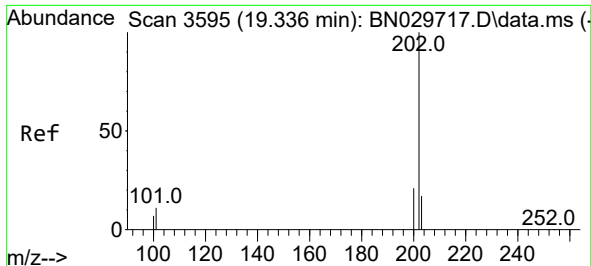
Tgt Ion:	178	Resp:	11642
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	18.8
176	20.0	15.7	23.5



#16
 Anthracene
 Concen: 0.381 ng/ul
 RT: 17.407 min Scan# 3156
 Delta R.T. -0.000 min
 Lab File: BN029719.D
 Acq: 12 Feb 2024 18:26

Tgt Ion:	178	Resp:	9774
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.9	19.3
176	19.6	15.8	23.8

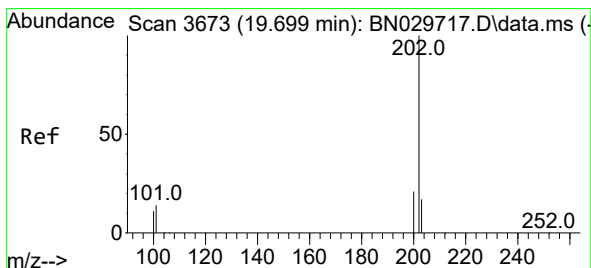
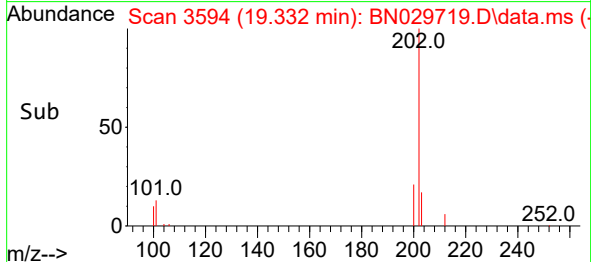
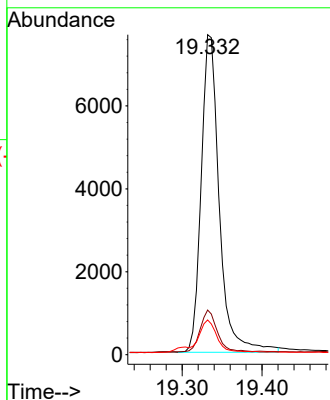
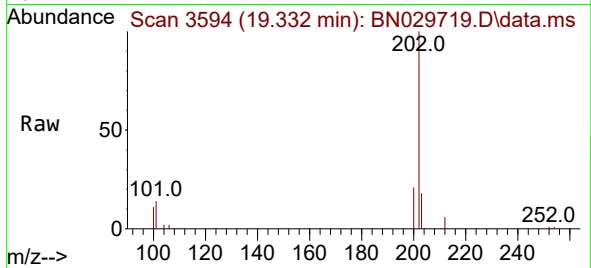




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.332 min Scan# 3594
Delta R.T. -0.005 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

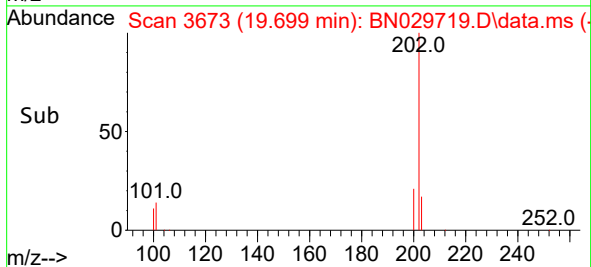
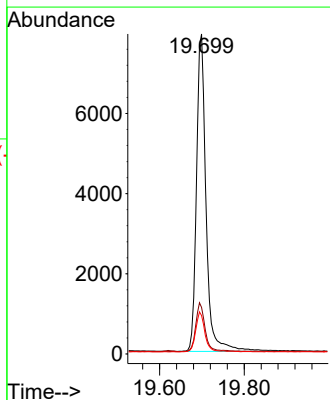
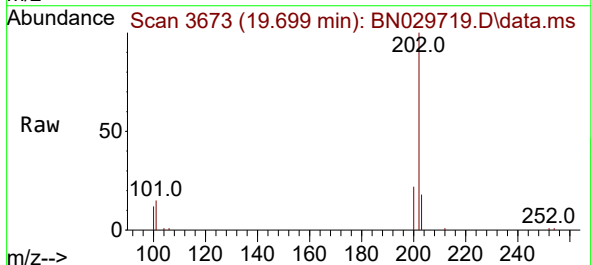
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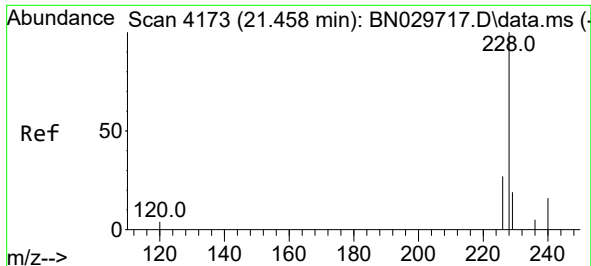
Tgt Ion:202 Resp: 12061
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 10.8 8.5 12.7



#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.699 min Scan# 3673
Delta R.T. -0.000 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

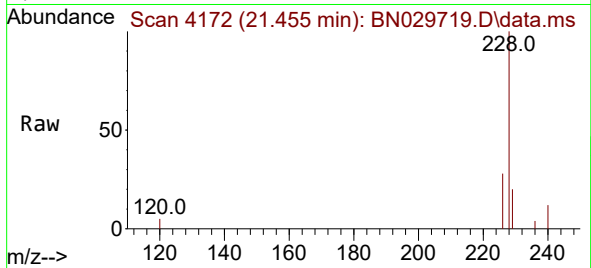
Tgt Ion:202 Resp: 12480
Ion Ratio Lower Upper
202 100
101 14.6 12.5 18.7
100 12.0 10.0 15.0



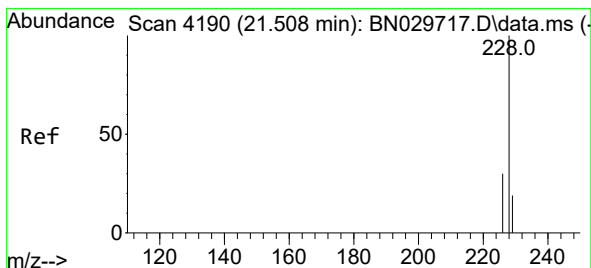
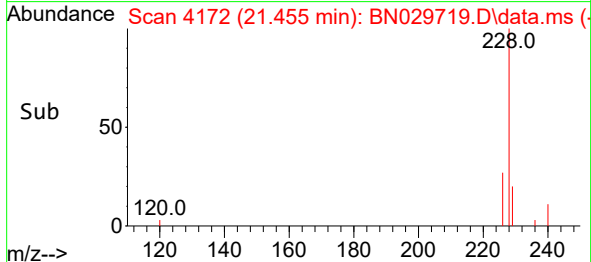
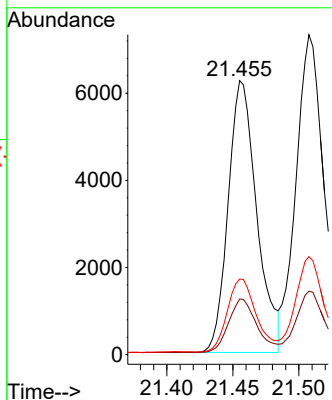


#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.455 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS957

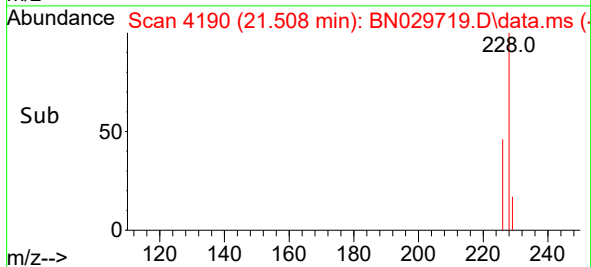
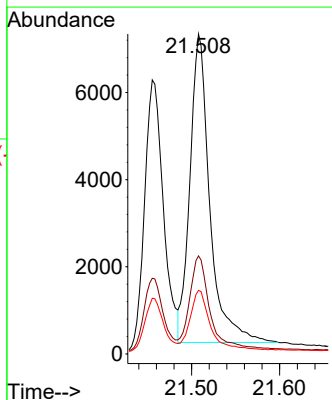
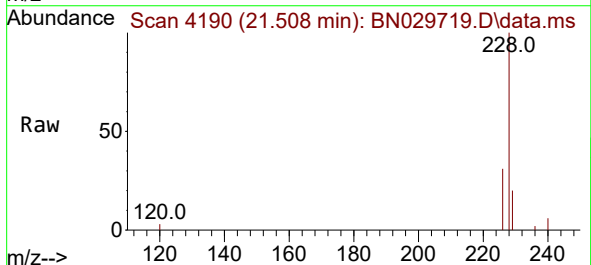


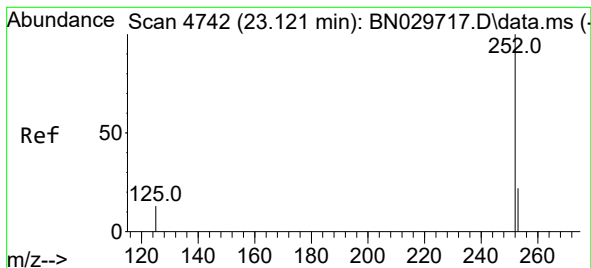
Tgt Ion:228 Resp: 9432
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 22.2 33.4



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.508 min Scan# 4190
Delta R.T. -0.002 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Tgt Ion:228 Resp: 11079
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 19.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.431 ng/ul

RT: 23.121 min Scan# 4742

Delta R.T. 0.001 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

Instrument :

BNA_N

ClientSampleId :

SLCS957

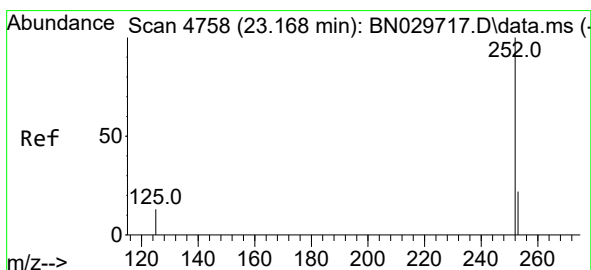
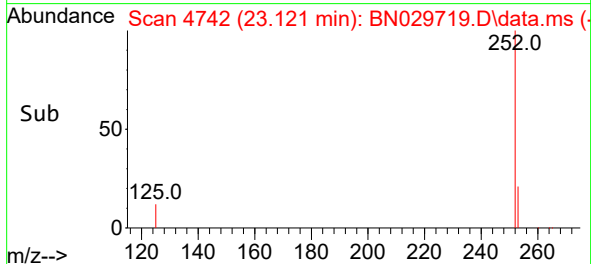
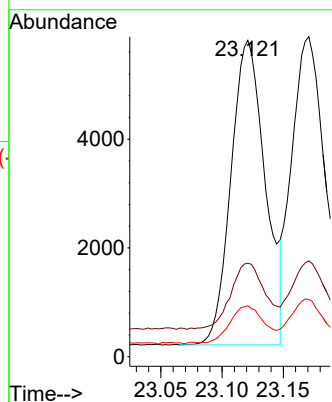
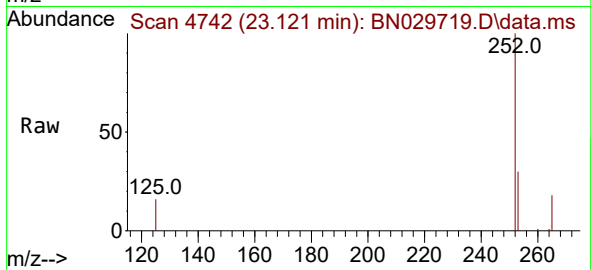
Tgt Ion:252 Resp: 10892

Ion Ratio Lower Upper

252 100

253 29.5 0.0 56.8

125 16.1 0.0 32.4



#25

Benzo(k)fluoranthene

Concen: 0.416 ng/ul

RT: 23.171 min Scan# 4759

Delta R.T. 0.001 min

Lab File: BN029719.D

Acq: 12 Feb 2024 18:26

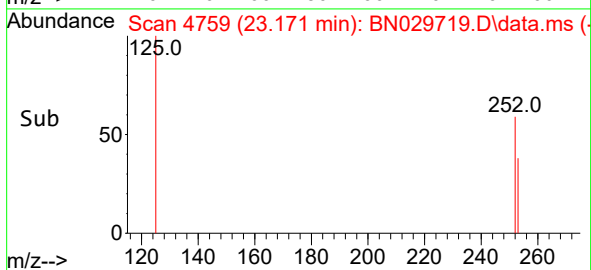
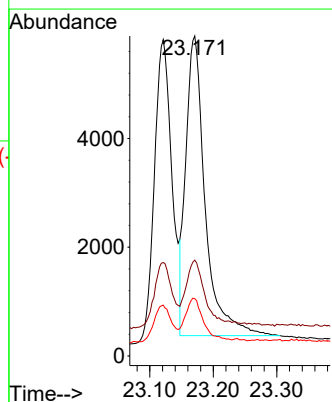
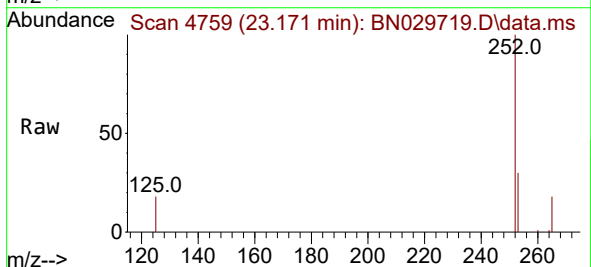
Tgt Ion:252 Resp: 11661

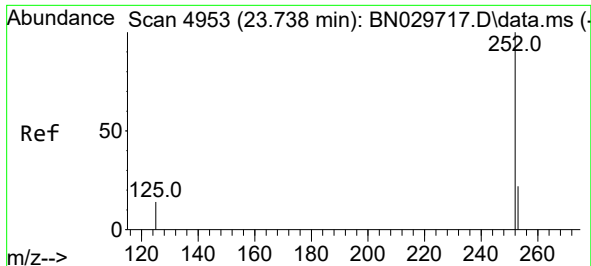
Ion Ratio Lower Upper

252 100

253 29.9 22.6 33.8

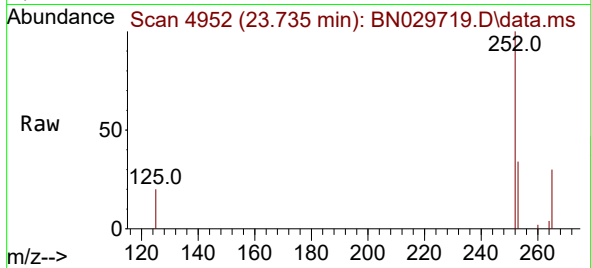
125 17.9 15.3 22.9



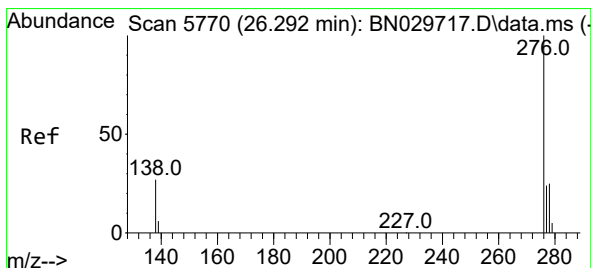
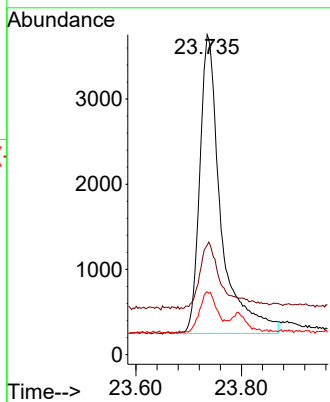
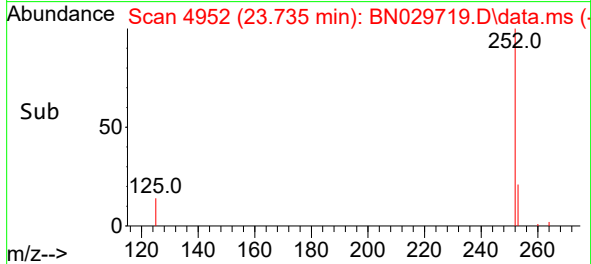


#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.735 min Scan# 4952
Delta R.T. -0.002 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS957

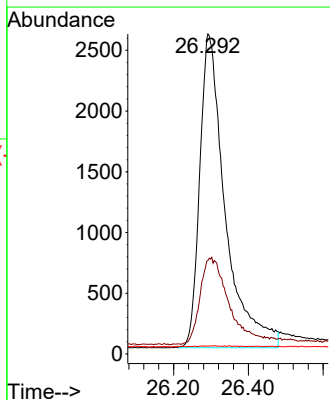
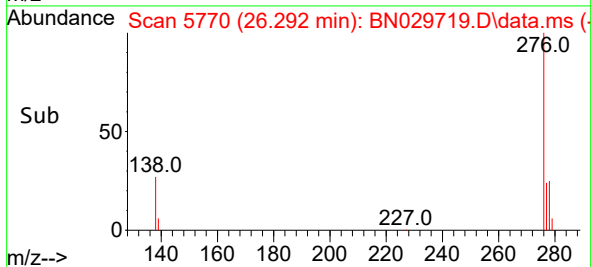
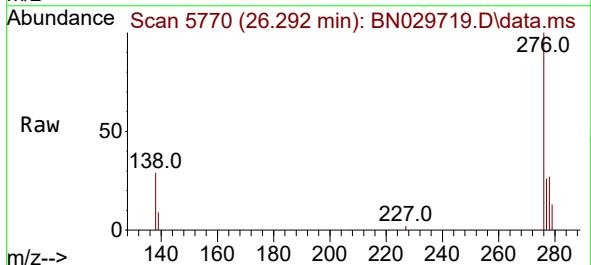


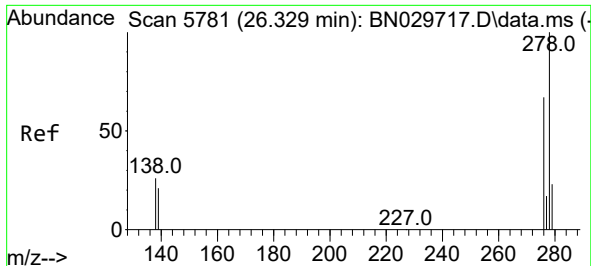
Tgt Ion:252 Resp: 9724
Ion Ratio Lower Upper
252 100
253 34.2 25.4 38.0
125 19.7 16.0 24.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.292 min Scan# 5770
Delta R.T. -0.002 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Tgt Ion:276 Resp: 12214
Ion Ratio Lower Upper
276 100
138 31.8 0.0 0.0#
227 0.1 0.0 0.0#

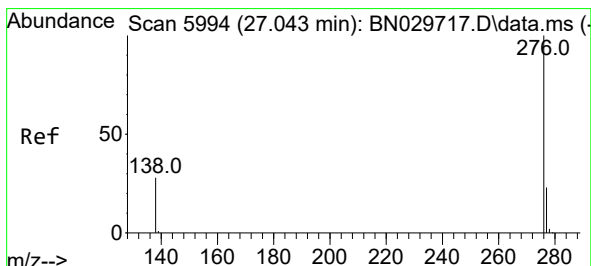
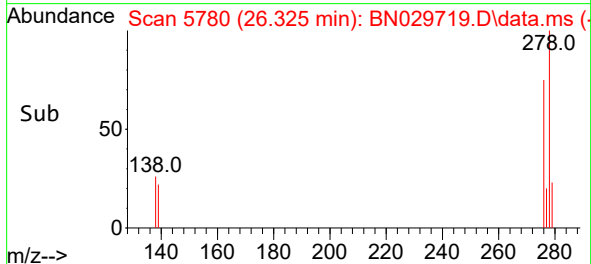
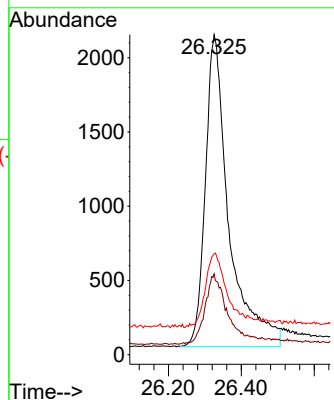
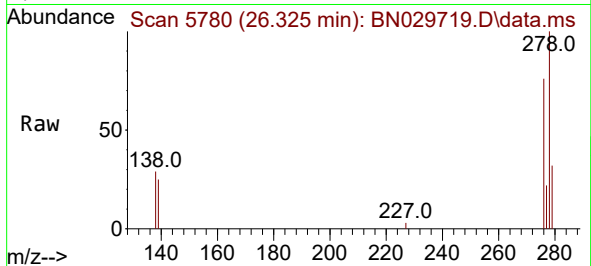




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 26.325 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Instrument :
BNA_N
ClientSampleId :
SLCS957

Tgt Ion:278 Resp: 9438
Ion Ratio Lower Upper
278 100
139 25.2 19.0 28.4
279 31.5 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. -0.005 min
Lab File: BN029719.D
Acq: 12 Feb 2024 18:26

Tgt Ion:276 Resp: 11527
Ion Ratio Lower Upper
276 100
138 30.6 24.6 37.0
277 26.0 19.7 29.5

