

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080423\
 Data File : BN026819.D
 Acq On : 04 Aug 2023 15:29
 Operator : MA/JU
 Sample : PB154582BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS582

Quant Time: Aug 04 22:31:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 03:46:36 2023
 Response via : Initial Calibration

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

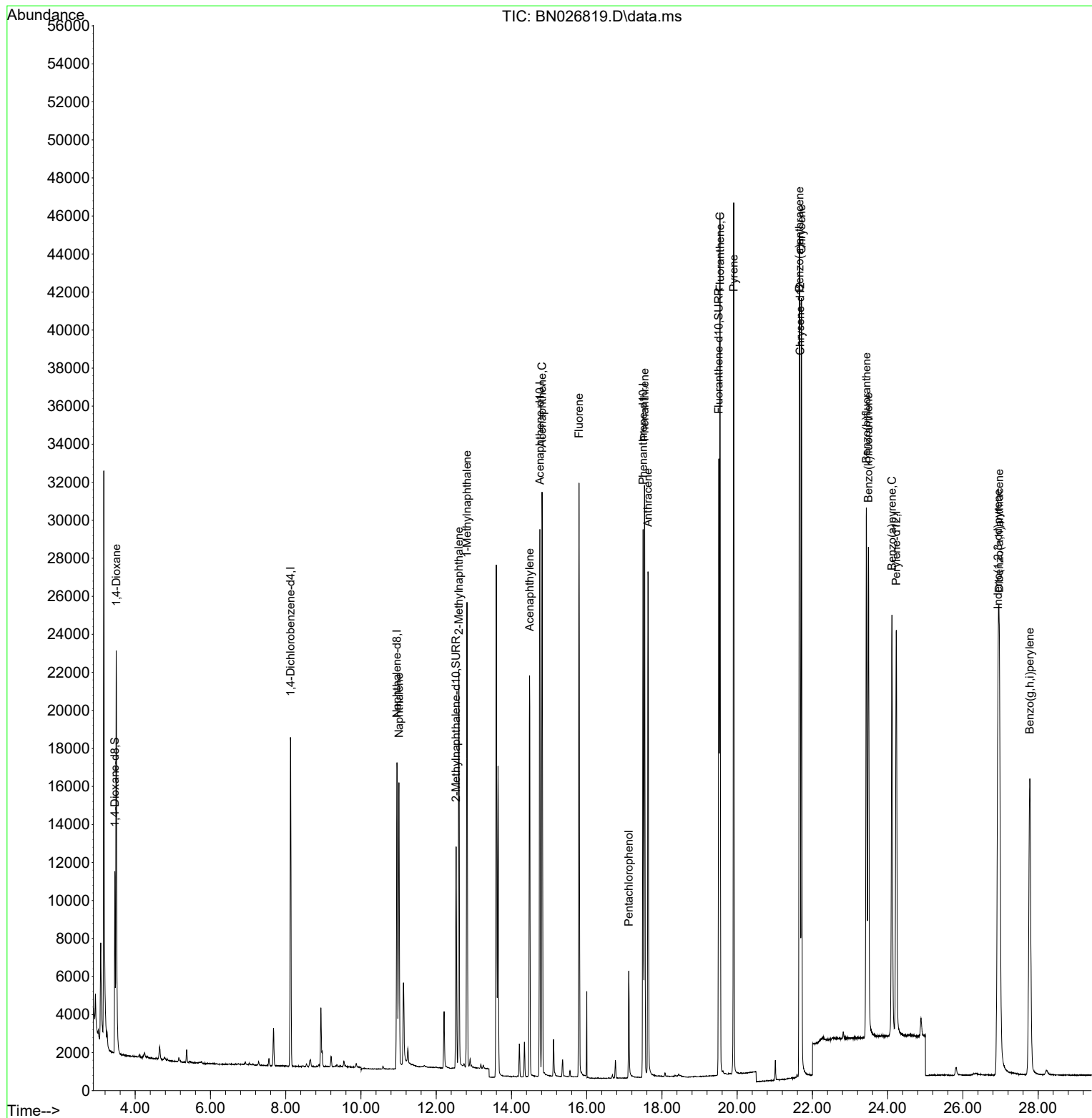
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	8868	0.400	ng/ul	0.01
4) Naphthalene-d8	10.955	136	24024	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.754	164	15427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	33711	0.400	ng/ul	0.00
17) Chrysene-d12	21.671	240	29241	0.400	ng/ul	0.00
23) Perylene-d12	24.228	264	32701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.456	96	6928	0.658	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.528	152	15301	0.433	ng/ul	0.01
18) Fluoranthene-d10	19.511	212	35352	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.494	88	15880	1.477	ng/ul#	91
5) Naphthalene	11.010	128	20941	0.308	ng/ul	100
7) 2-Methylnaphthalene	12.605	142	15320	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.819	142	16816	0.391	ng/ul	100
10) Acenaphthylene	14.481	152	23918	0.277	ng/ul	99
11) Acenaphthene	14.814	153	17713	0.296	ng/ul	99
12) Fluorene	15.795	166	19884	0.294	ng/ul	99
14) Pentachlorophenol	17.118	266	3944	0.414	ng/ul	99
15) Phenanthrene	17.536	178	33065	0.299	ng/ul	100
16) Anthracene	17.629	178	29394	0.294	ng/ul	100
19) Fluoranthene	19.543	202	38527	0.317	ng/ul	100
20) Pyrene	19.906	202	39120	0.302	ng/ul	99
21) Benzo(a)anthracene	21.653	228	36141	0.311	ng/ul	99
22) Chrysene	21.709	228	36423	0.317	ng/ul	99
24) Benzo(b)fluoranthene	23.433	252	40493	0.327	ng/ul	100
25) Benzo(k)fluoranthene	23.486	252	39101	0.321	ng/ul	100
26) Benzo(a)pyrene	24.112	252	36487	0.327	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.935	276	47740	0.327	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.969	278	37814	0.325	ng/ul	99
29) Benzo(g,h,i)perylene	27.777	276	39086	0.322	ng/ul	99

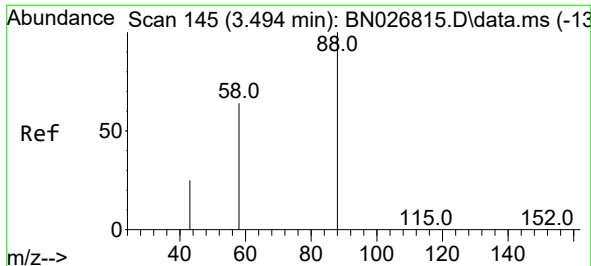
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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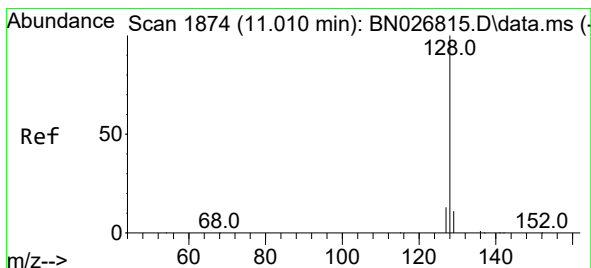
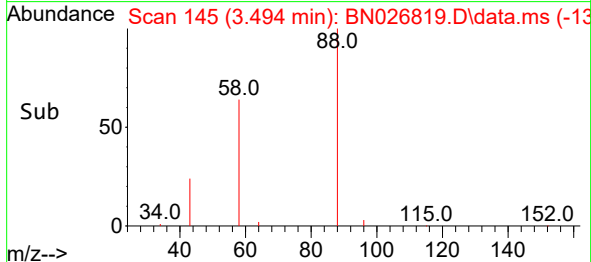
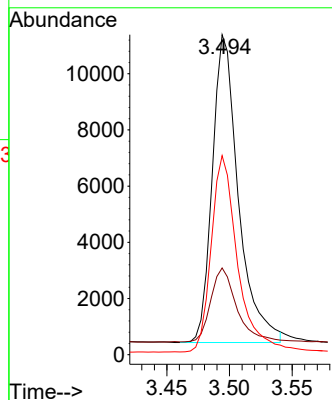
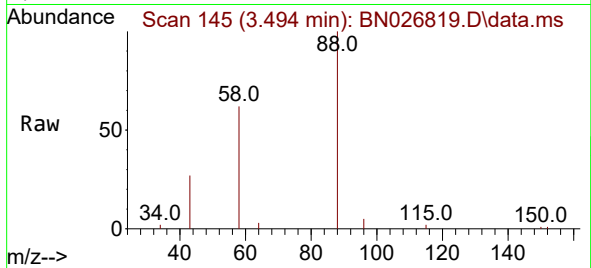




#2
1,4-Dioxane
Concen: 1.477 ng/ul
RT: 3.494 min Scan# 145
Delta R.T. 0.013 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

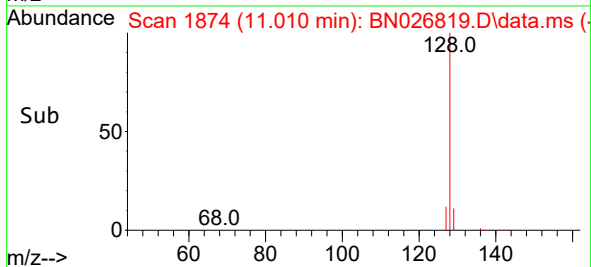
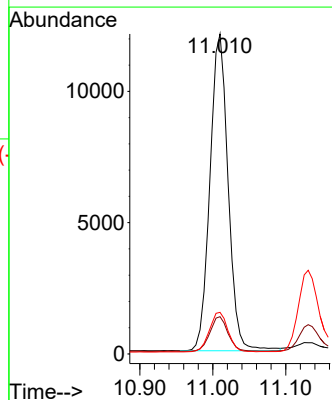
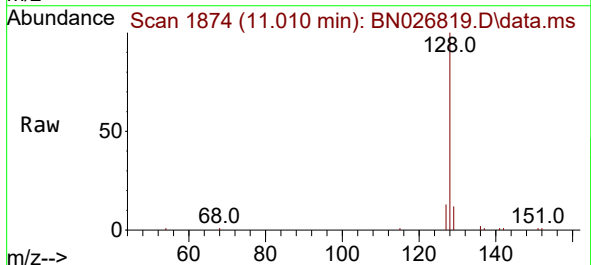
Instrument :
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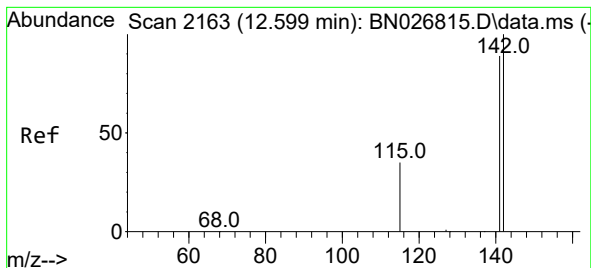
Tgt Ion: 88 Resp: 15880
Ion Ratio Lower Upper
88 100
43 27.1 28.0 42.0#
58 62.2 46.0 69.0



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 11.010 min Scan# 1874
Delta R.T. 0.011 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion: 128 Resp: 20941
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.0 10.5 15.7





#7

2-Methylnaphthalene

Concen: 0.373 ng/ul

RT: 12.605 min Scan# 2163

Delta R.T. 0.011 min

Lab File: BN026819.D

Acq: 04 Aug 2023 15:29

Instrument :

BNA_N

ClientSampleId :

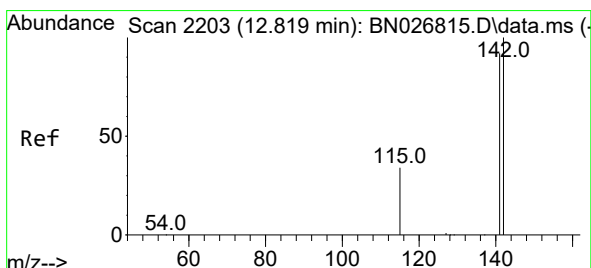
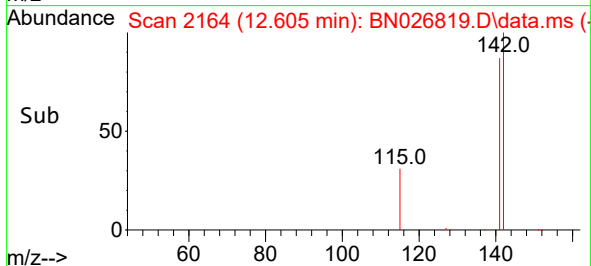
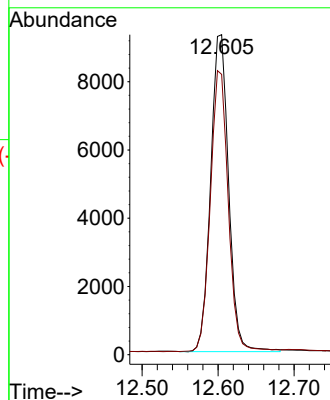
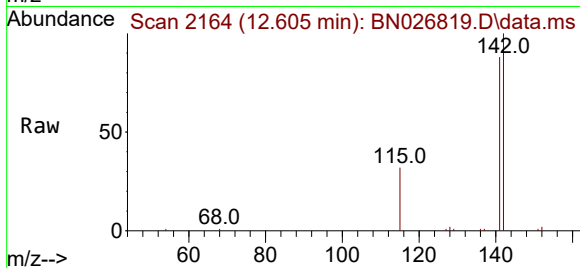
SLCS582

Tgt Ion:142 Resp: 15320

Ion Ratio Lower Upper

142 100

141 88.3 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.391 ng/ul

RT: 12.819 min Scan# 2203

Delta R.T. 0.011 min

Lab File: BN026819.D

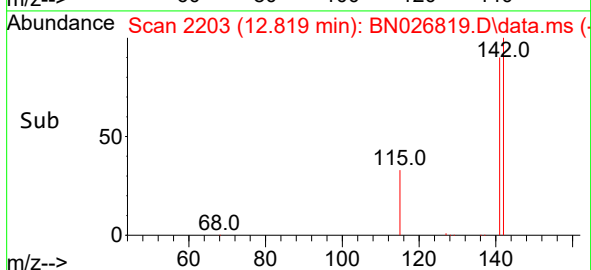
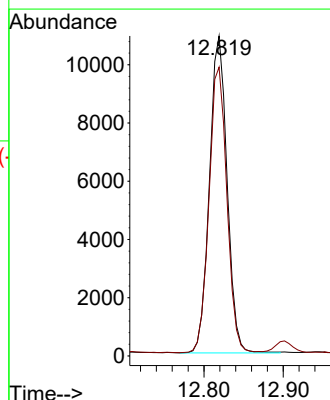
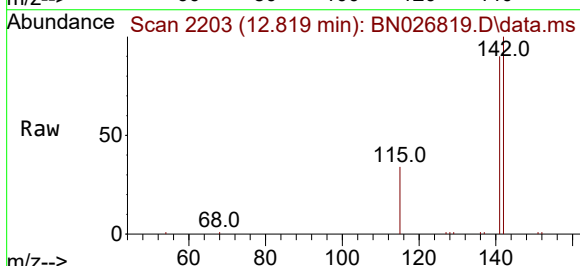
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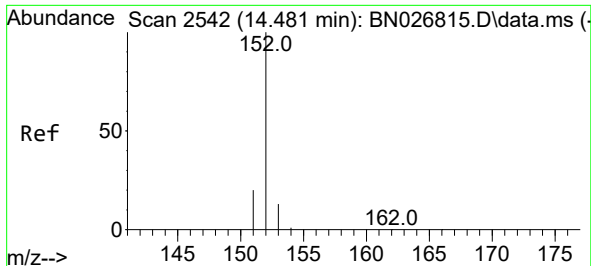
Tgt Ion:142 Resp: 16816

Ion Ratio Lower Upper

142 100

141 91.3 73.2 109.8

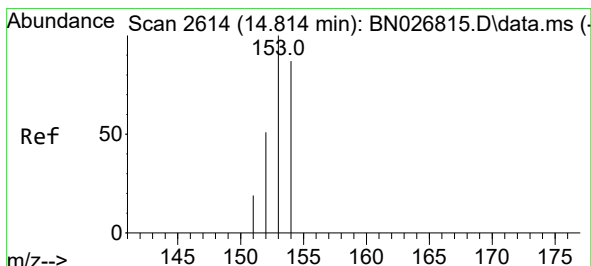
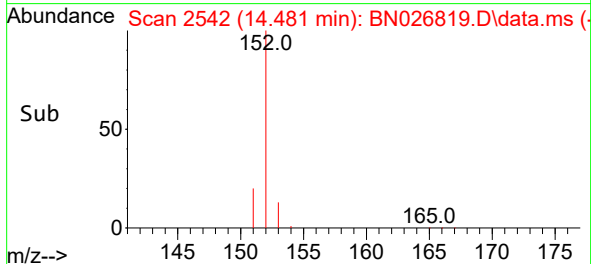
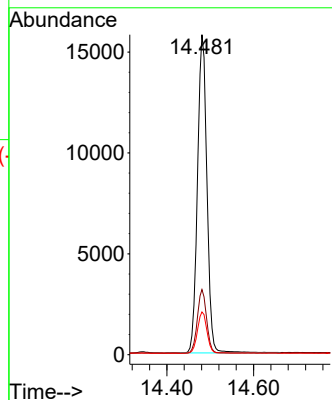
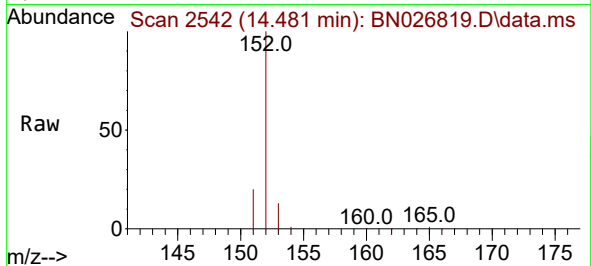




#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 14.481 min Scan# 2542
Delta R.T. 0.005 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

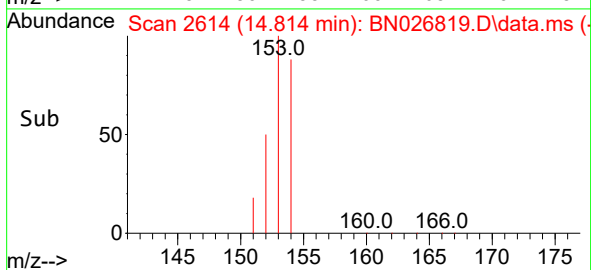
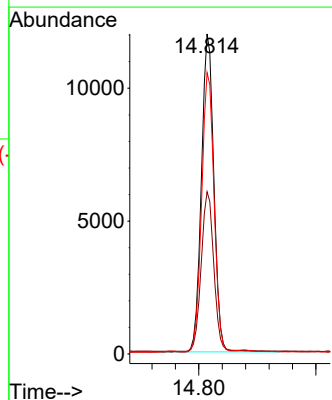
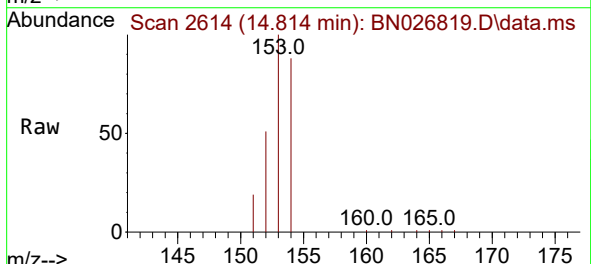
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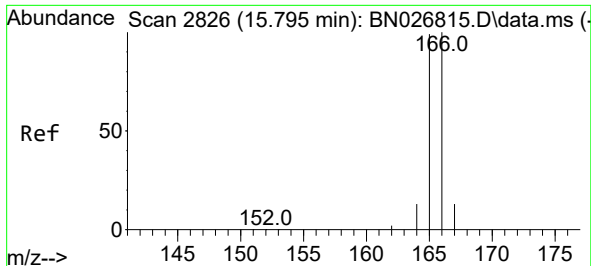
Tgt Ion:152 Resp: 23918
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.814 min Scan# 2614
Delta R.T. 0.005 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion:153 Resp: 17713
Ion Ratio Lower Upper
153 100
152 50.7 41.1 61.7
154 87.9 71.6 107.4

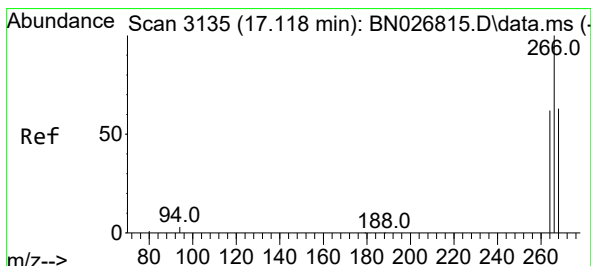
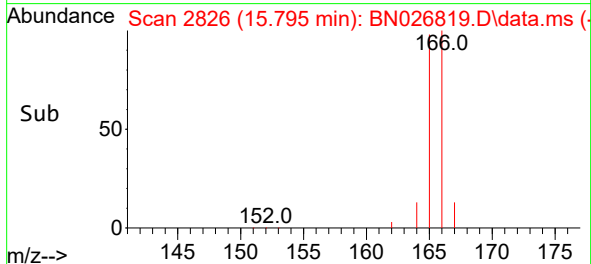
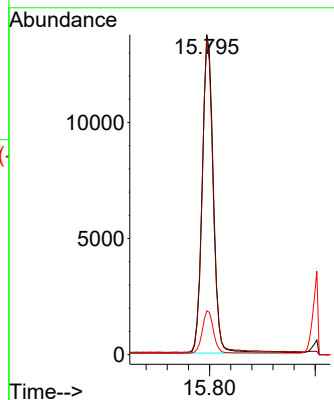
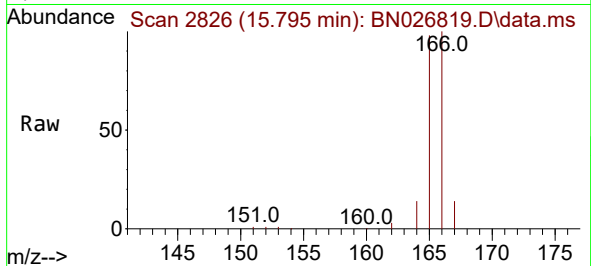




#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.795 min Scan# 2826
Delta R.T. 0.005 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

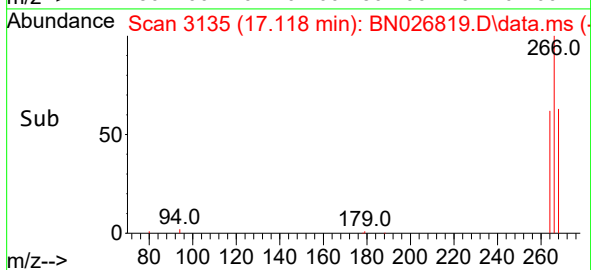
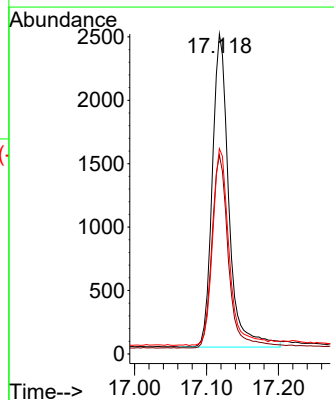
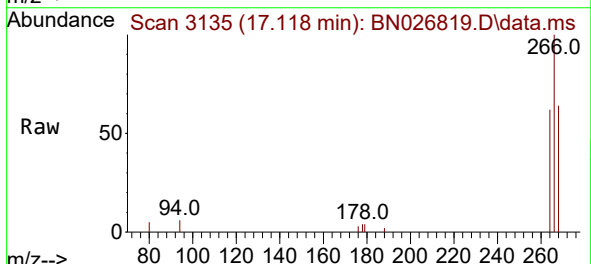
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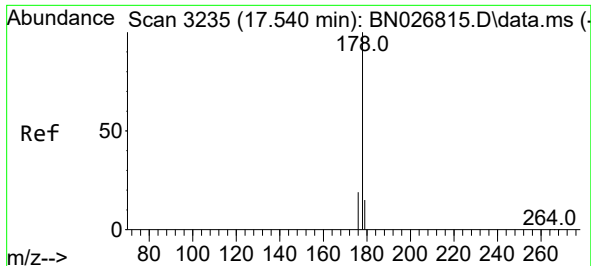
Tgt Ion:166 Resp: 19884
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 17.118 min Scan# 3135
Delta R.T. 0.004 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion:266 Resp: 3944
Ion Ratio Lower Upper
266 100
264 61.7 50.4 75.6
268 63.4 51.2 76.8

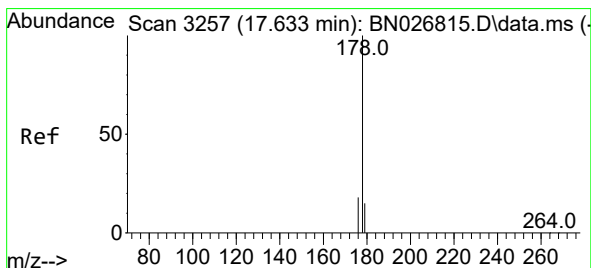
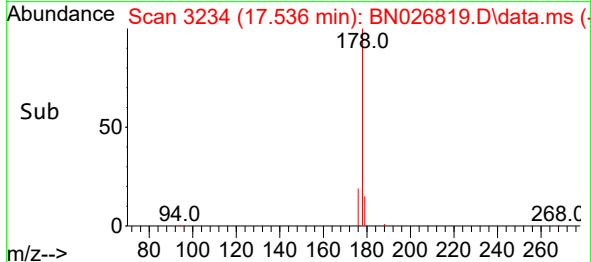
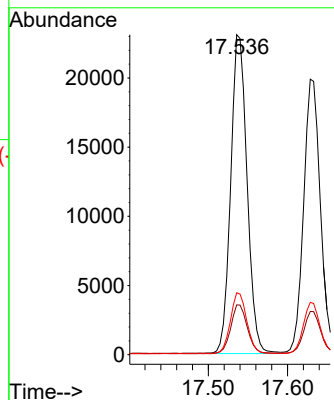
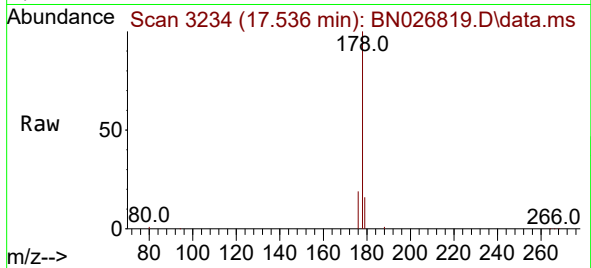




#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.536 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

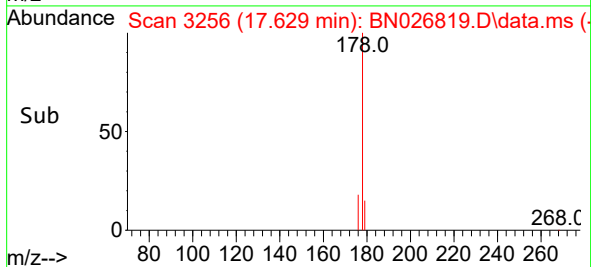
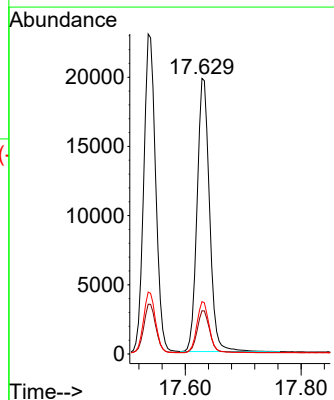
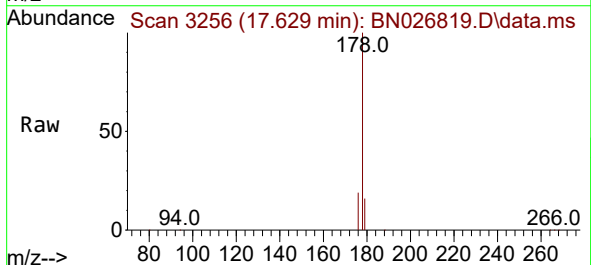
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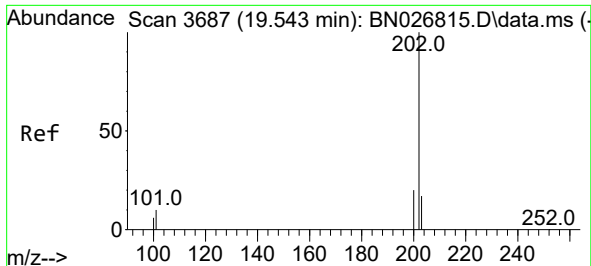
Tgt Ion:178 Resp: 33065
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.294 ng/ul
RT: 17.629 min Scan# 3256
Delta R.T. 0.004 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion:178 Resp: 29394
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.0 22.6

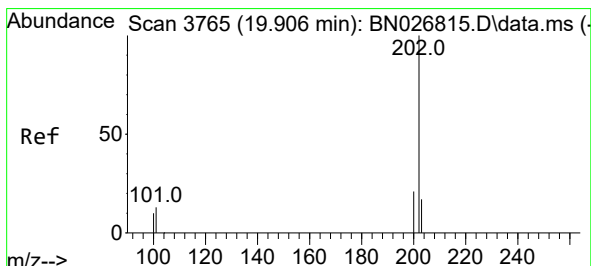
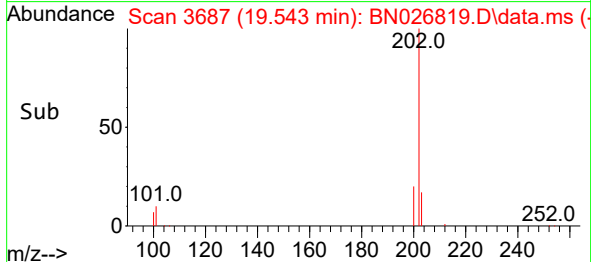
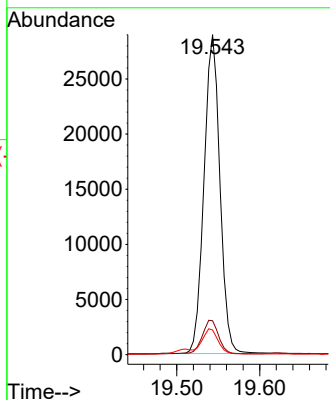
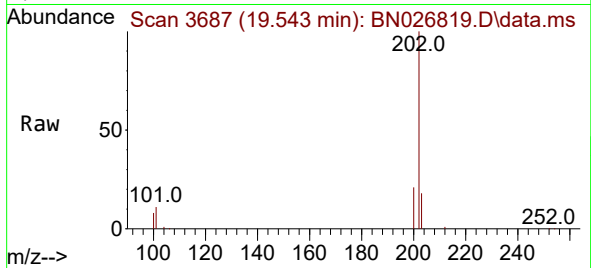




#19
Fluoranthene
Concen: 0.317 ng/ul
RT: 19.543 min Scan# 3687
Delta R.T. 0.005 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

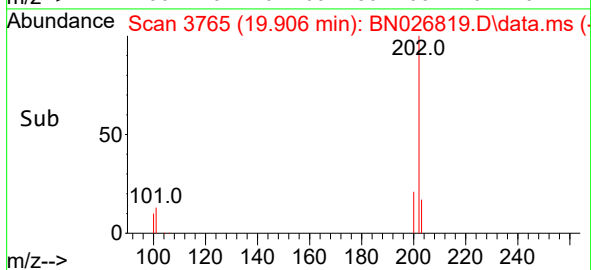
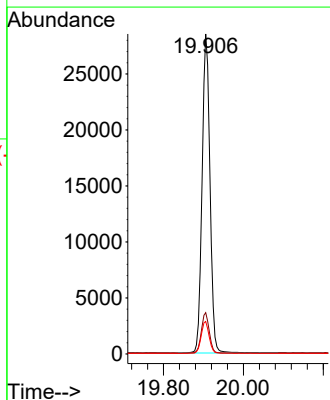
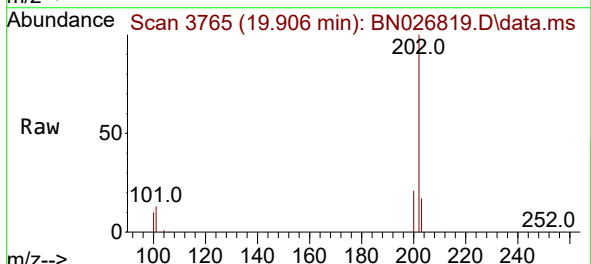
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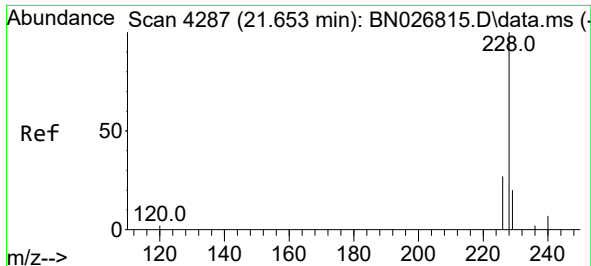
Tgt Ion:202 Resp: 38527
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.7 6.2 9.2



#20
Pyrene
Concen: 0.302 ng/ul
RT: 19.906 min Scan# 3765
Delta R.T. 0.005 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

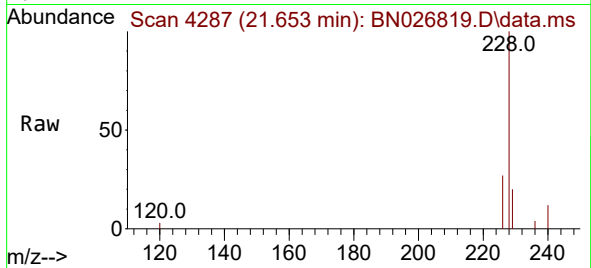
Tgt Ion:202 Resp: 39120
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7



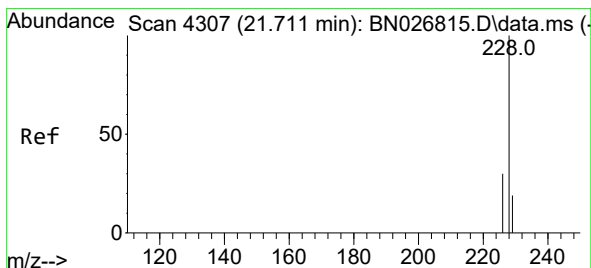
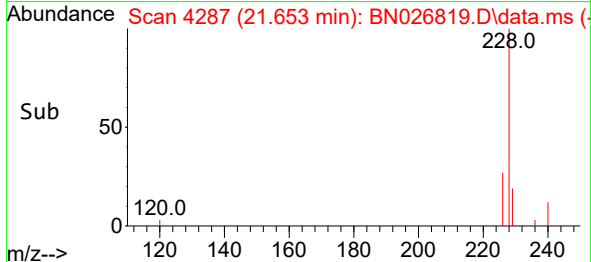
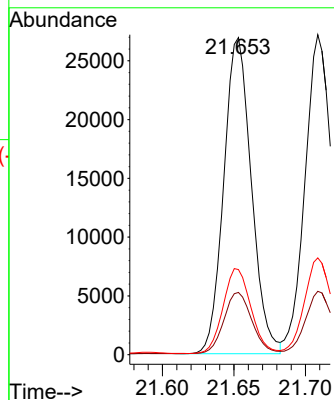


#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.653 min Scan# 4306
Delta R.T. 0.000 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Instrument :
BNA_N
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SLCS582

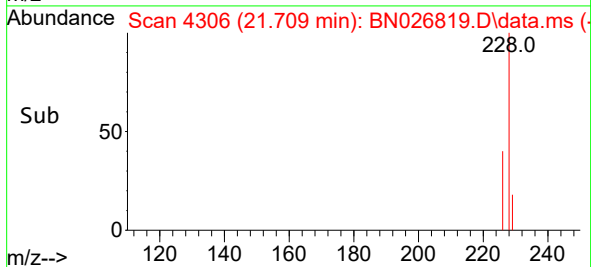
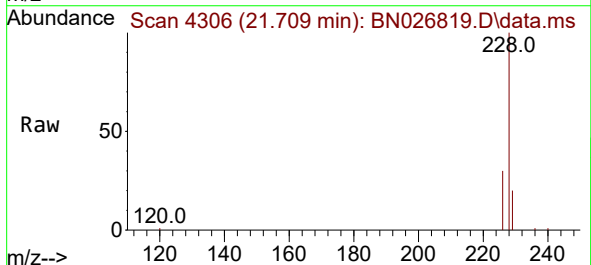
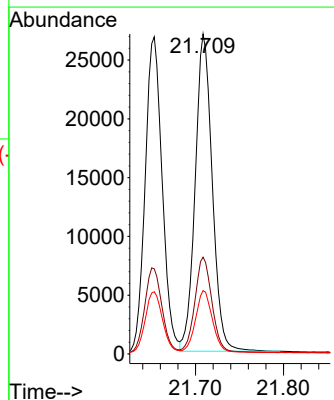


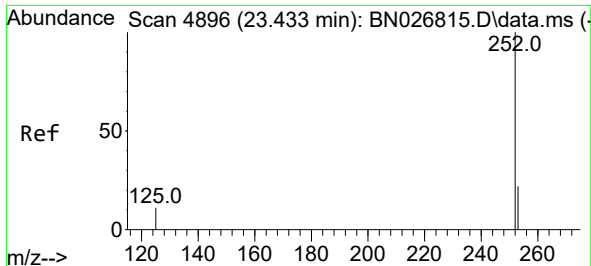
Tgt Ion:228 Resp: 36141
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 26.8 22.2 33.2



#22
Chrysene
Concen: 0.317 ng/ul
RT: 21.709 min Scan# 4306
Delta R.T. 0.000 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

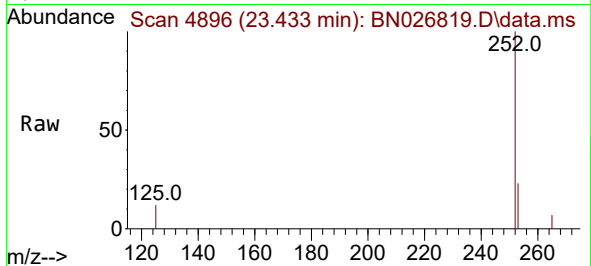
Tgt Ion:228 Resp: 36423
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.8 15.8 23.6



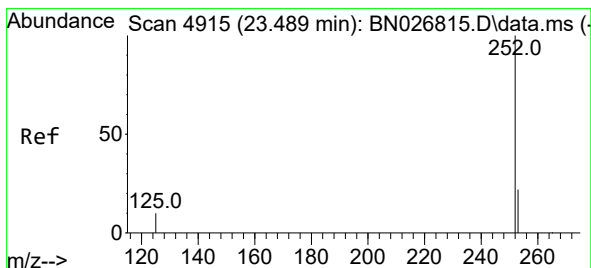
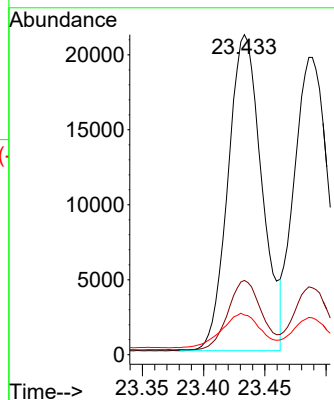


#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.433 min Scan# 4896
Delta R.T. 0.003 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Instrument :
BNA_N
ClientSampleId :
SLCS582

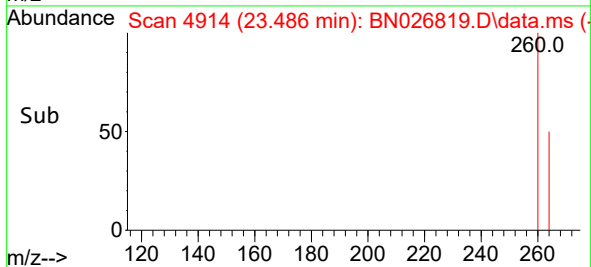
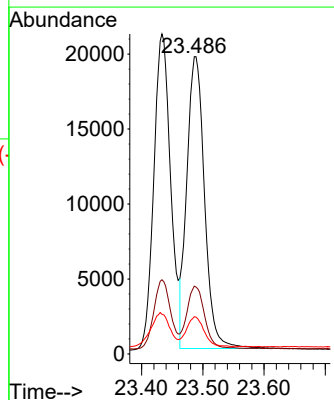
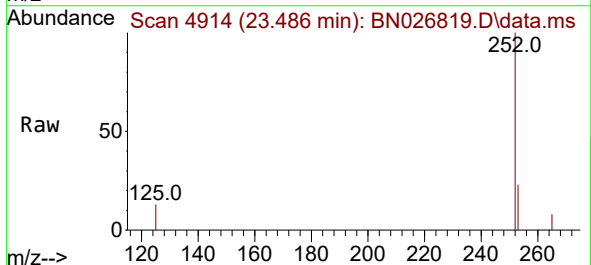


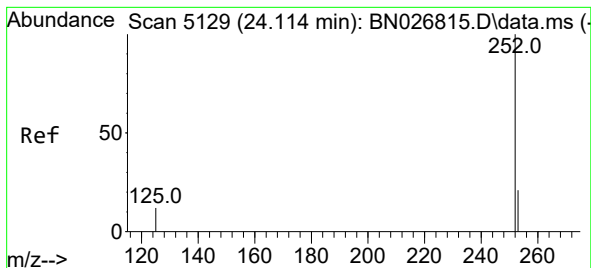
Tgt Ion:252	Resp:	40493
Ion Ratio	Lower	Upper
252	100	
253	23.2	0.0 46.8
125	12.4	0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul
RT: 23.486 min Scan# 4914
Delta R.T. 0.000 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion:252	Resp:	39101
Ion Ratio	Lower	Upper
252	100	
253	22.8	18.2 27.4
125	12.6	9.9 14.9





#26

Benzo(a)pyrene

Concen: 0.327 ng/ul

RT: 24.112 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN026819.D

Acq: 04 Aug 2023 15:29

Instrument :

BNA_N

ClientSampleId :

SLCS582

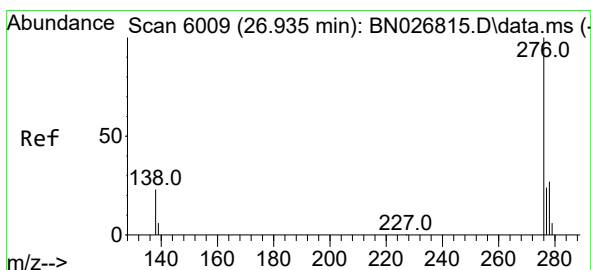
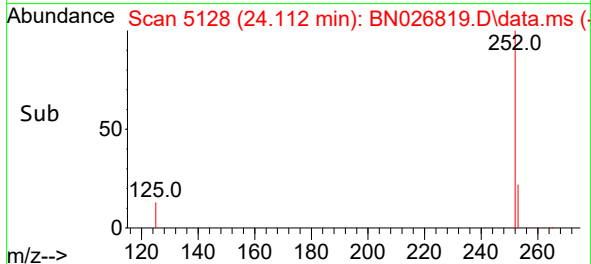
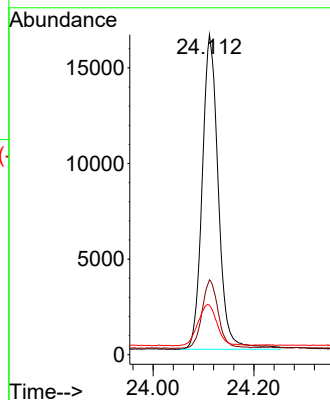
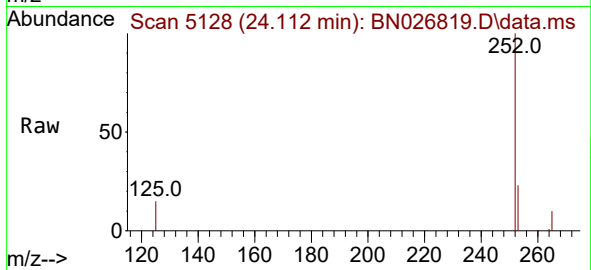
Tgt Ion:252 Resp: 36487

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

125 15.4 11.4 17.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.327 ng/ul

RT: 26.935 min Scan# 6009

Delta R.T. 0.007 min

Lab File: BN026819.D

Acq: 04 Aug 2023 15:29

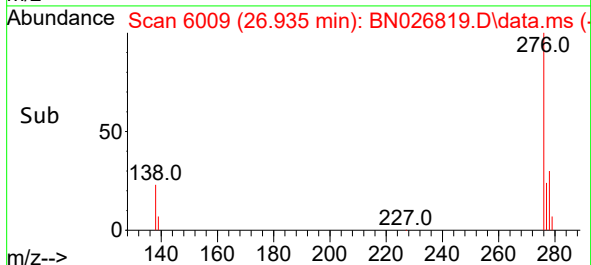
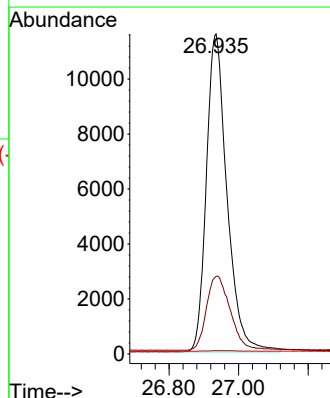
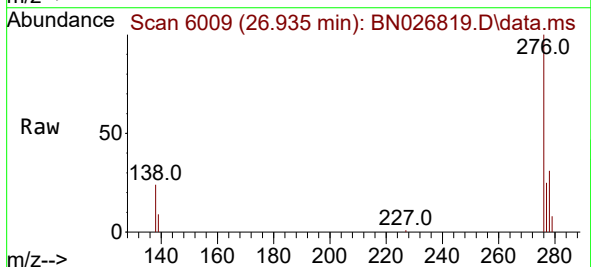
Tgt Ion:276 Resp: 47740

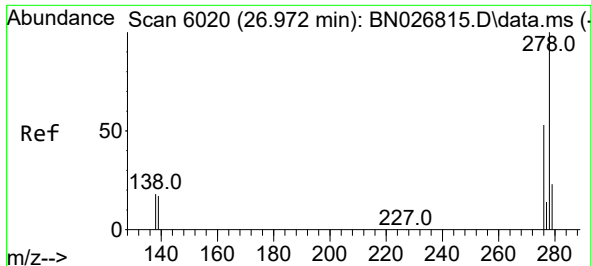
Ion Ratio Lower Upper

276 100

138 27.0 21.6 32.4

227 0.2 0.0 0.0#

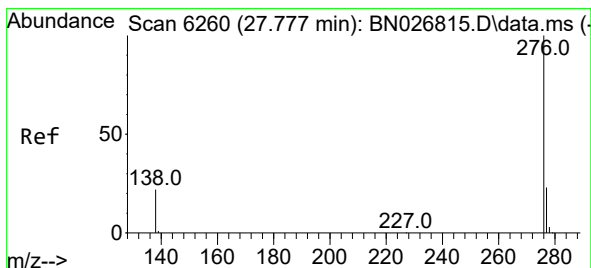
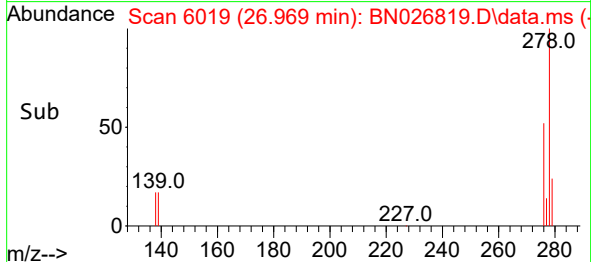
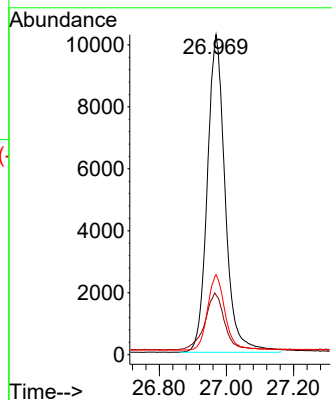
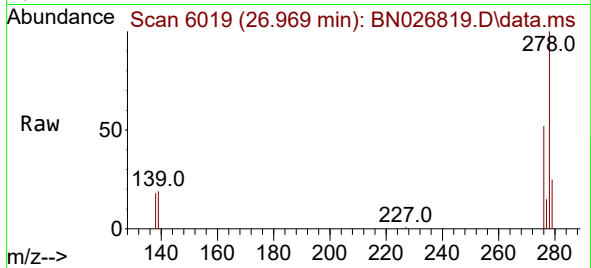




#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.969 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Instrument :
BNA_N
ClientSampleId :
SLCS582

Tgt Ion:278 Resp: 37814
Ion Ratio Lower Upper
278 100
139 18.6 15.7 23.5
279 25.0 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.322 ng/ul
RT: 27.777 min Scan# 6260
Delta R.T. 0.007 min
Lab File: BN026819.D
Acq: 04 Aug 2023 15:29

Tgt Ion:276 Resp: 39086
Ion Ratio Lower Upper
276 100
138 23.9 19.3 28.9
277 24.0 19.8 29.8

