

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027981.D
 Acq On : 30 Sep 2023 03:55
 Operator : MA/JU
 Sample : PB155863BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS863

Quant Time: Sep 30 04:24:16 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 : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

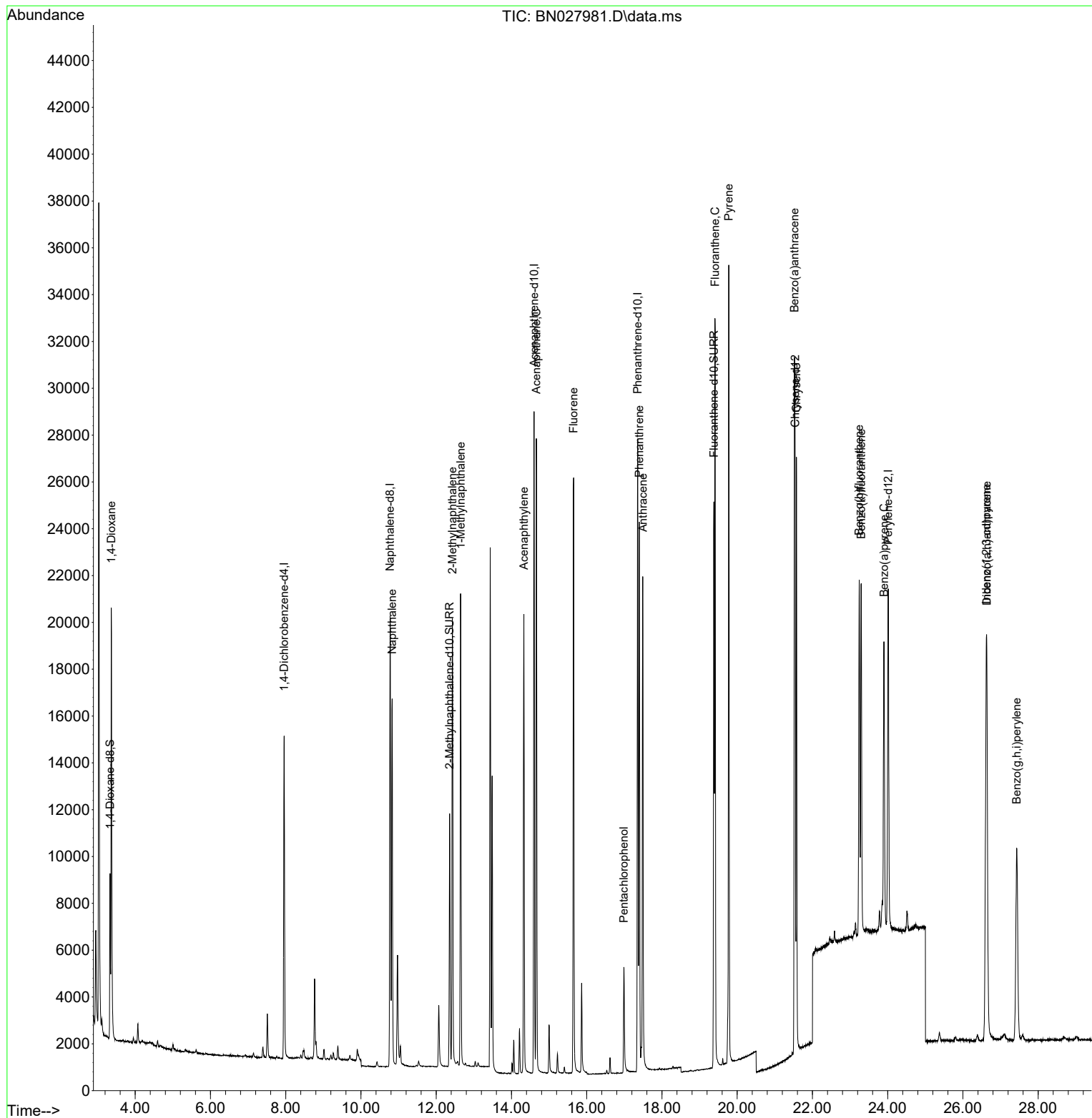
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	7207	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	26778	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.601	164	15602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	31723	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	20977	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	20919	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4747	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	13983	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	26104	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	13478	1.427	ng/ul#	84
5) Naphthalene	10.828	128	21598	0.282	ng/ul	99
7) 2-Methylnaphthalene	12.429	142	14101	0.290	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	13700	0.273	ng/ul	99
10) Acenaphthylene	14.328	152	21768	0.319	ng/ul	99
11) Acenaphthene	14.661	153	15471	0.263	ng/ul	98
12) Fluorene	15.651	166	17002	0.245	ng/ul	99
14) Pentachlorophenol	16.987	266	3530	0.476	ng/ul	99
15) Phenanthrene	17.396	178	26070	0.262	ng/ul	99
16) Anthracene	17.489	178	24350	0.292	ng/ul	99
19) Fluoranthene	19.413	202	27645	0.326	ng/ul	100
20) Pyrene	19.775	202	27921	0.320	ng/ul	99
21) Benzo(a)anthracene	21.522	228	22926	0.282	ng/ul	99
22) Chrysene	21.574	228	21734	0.259	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	20605	0.221	ng/ul	92
25) Benzo(k)fluoranthene	23.296	252	21192	0.234	ng/ul	92
26) Benzo(a)pyrene	23.901	252	19583	0.261	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.620	276	24098	0.251	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.633	278	19730	0.255	ng/ul	95
29) Benzo(g,h,i)perylene	27.431	276	19791	0.243	ng/ul	96

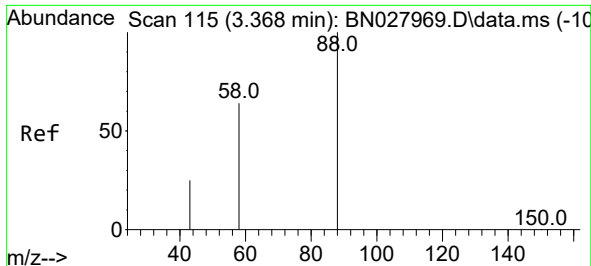
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 04:24:16 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 : Wed Sep 27 03:52:19 2023
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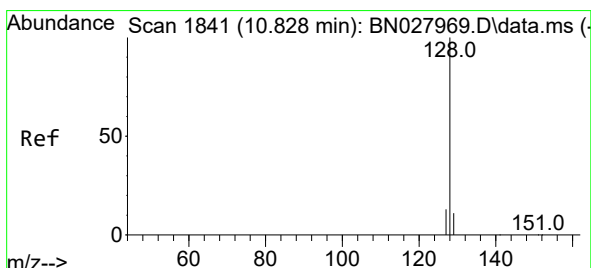
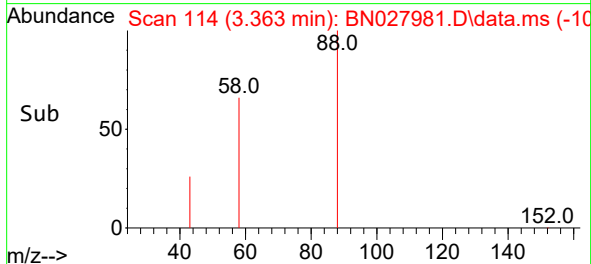
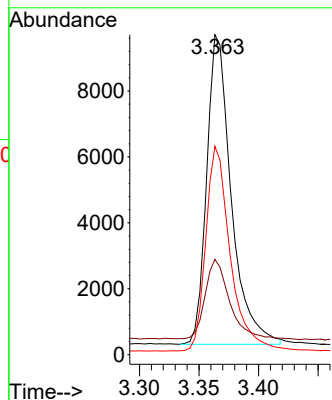
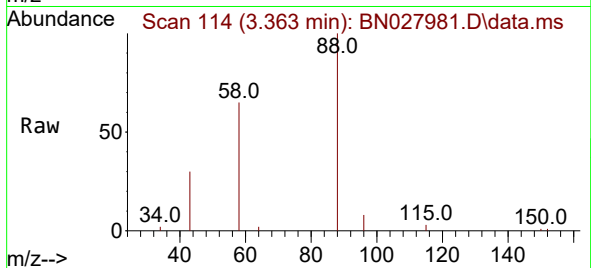




#2
1,4-Dioxane
Concen: 1.427 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

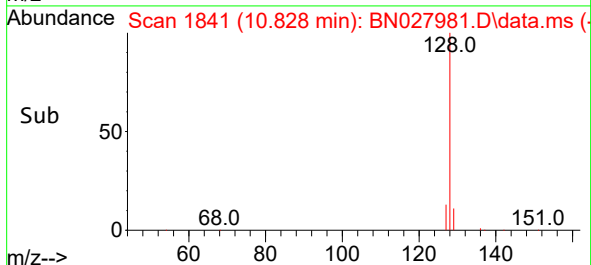
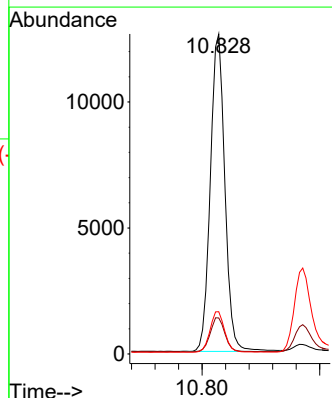
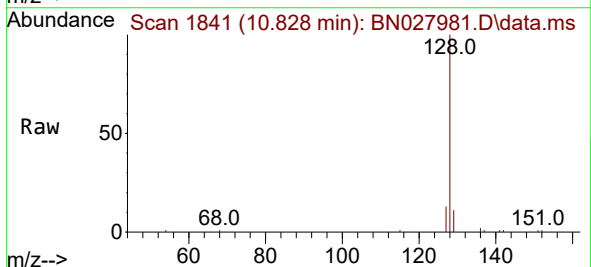
Instrument :
BNA_N
ClientSampleId :
SLCS863

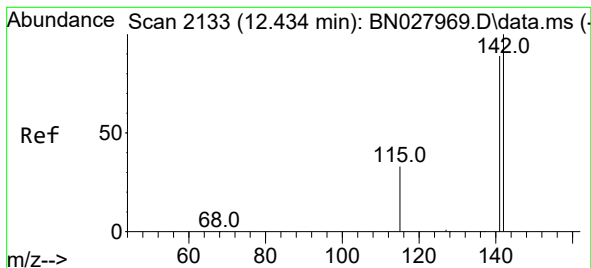
Tgt Ion: 88 Resp: 13478
Ion Ratio Lower Upper
88 100
43 29.8 39.6 59.4#
58 65.1 48.3 72.5



#5
Naphthalene
Concen: 0.282 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:128 Resp: 21598
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.2 10.7 16.1

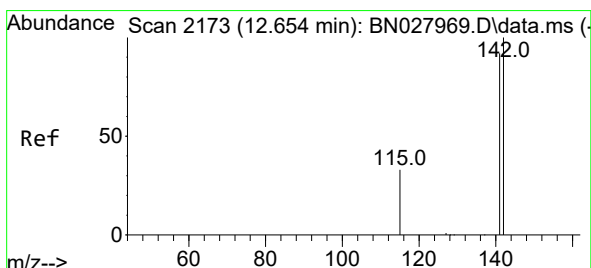
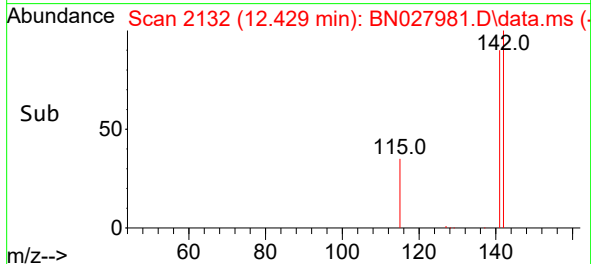
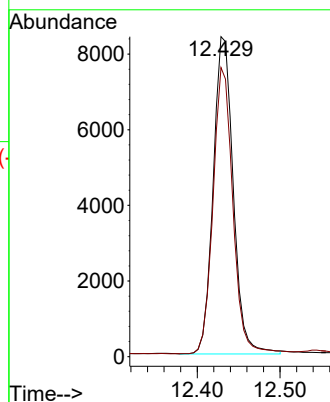
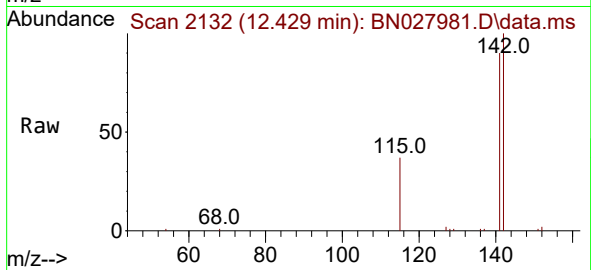




#7
2-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.429 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

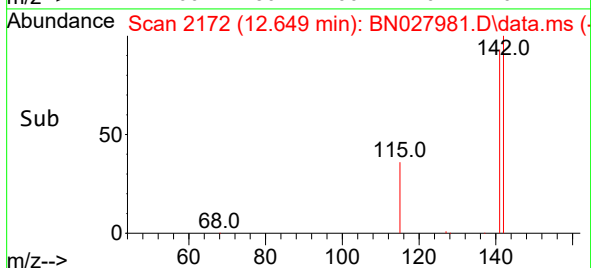
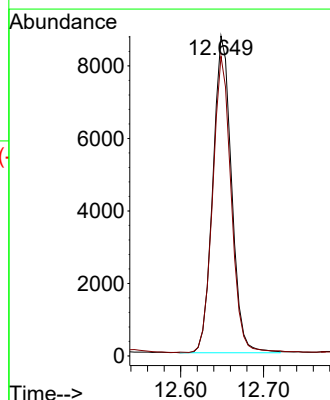
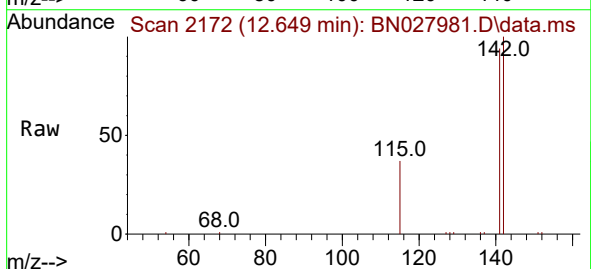
Instrument :
BNA_N
ClientSampleId :
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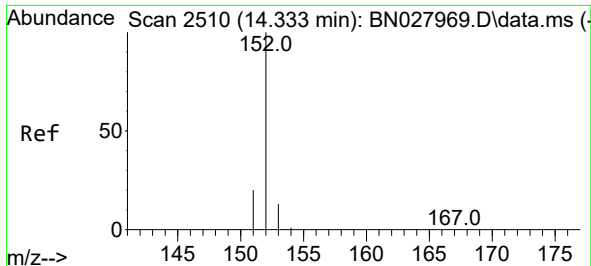
Tgt Ion:142 Resp: 14101
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.273 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:142 Resp: 13700
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2

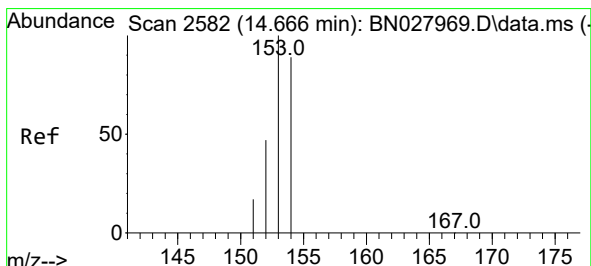
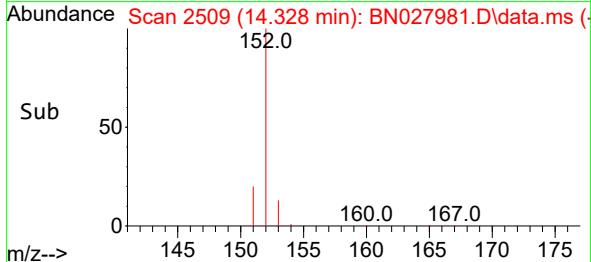
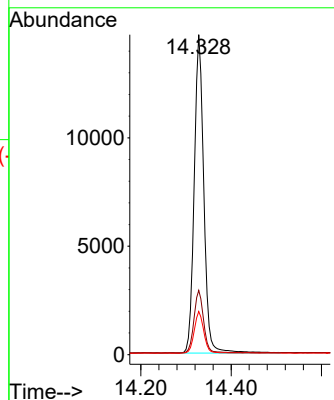
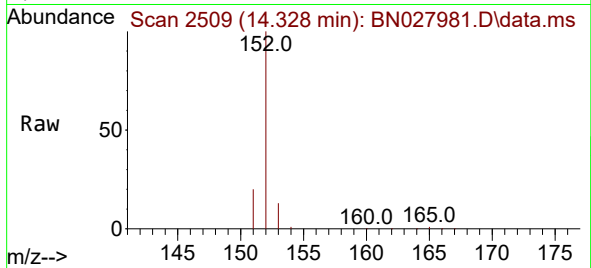




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

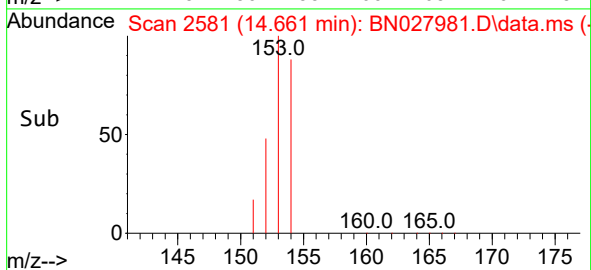
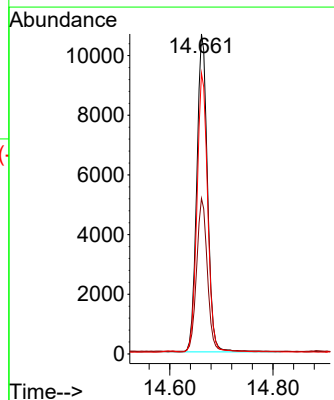
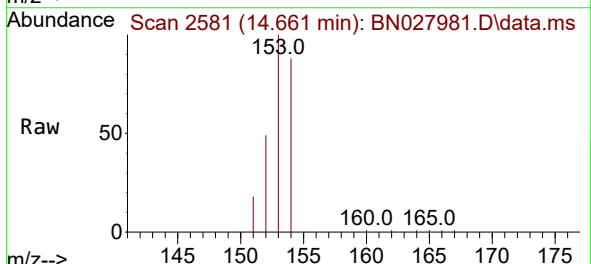
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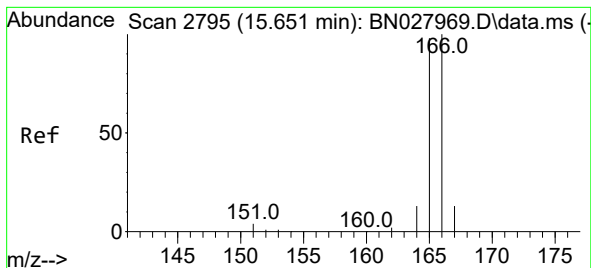
Tgt Ion:152 Resp: 21768
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.263 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:153 Resp: 15471
Ion Ratio Lower Upper
153 100
152 48.6 41.7 62.5
154 87.7 70.3 105.5





#12

Fluorene

Concen: 0.245 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

Instrument :

BNA_N

ClientSampleId :

SLCS863

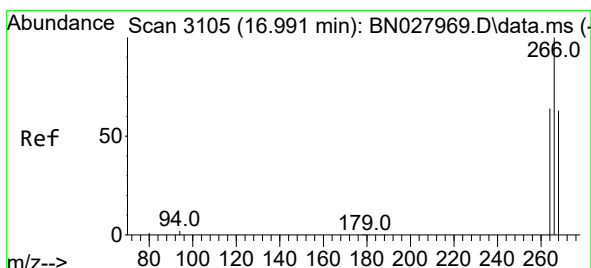
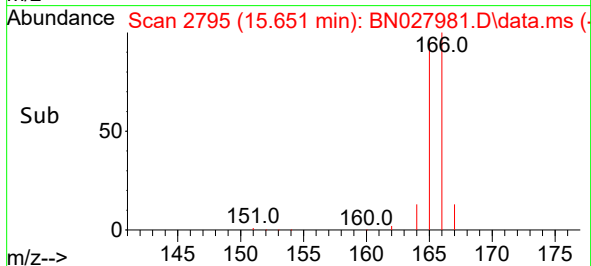
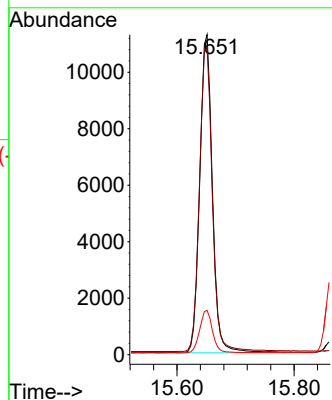
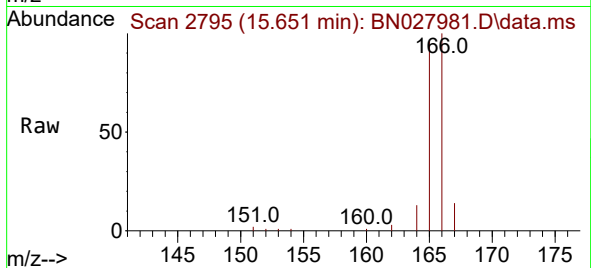
Tgt Ion:166 Resp: 17002

Ion Ratio Lower Upper

166 100

165 96.2 78.0 117.0

167 13.8 11.4 17.2



#14

Pentachlorophenol

Concen: 0.476 ng/ul

RT: 16.987 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

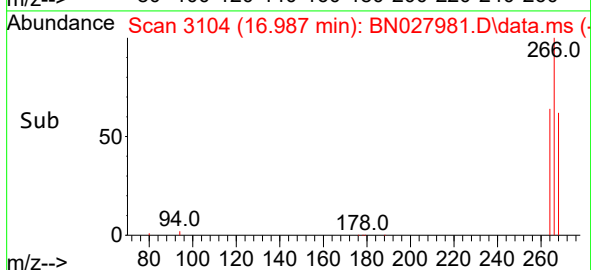
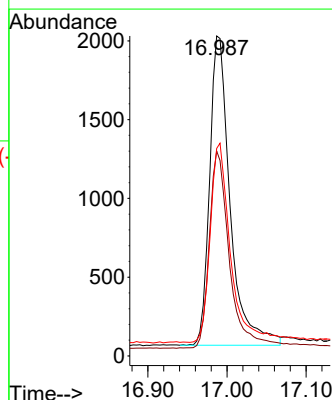
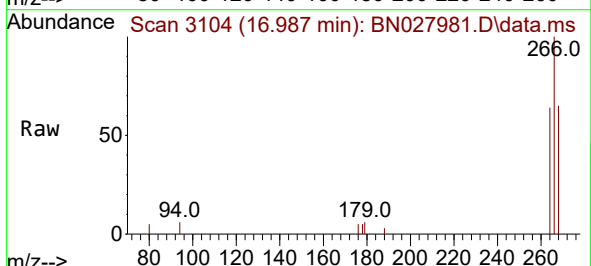
Tgt Ion:266 Resp: 3530

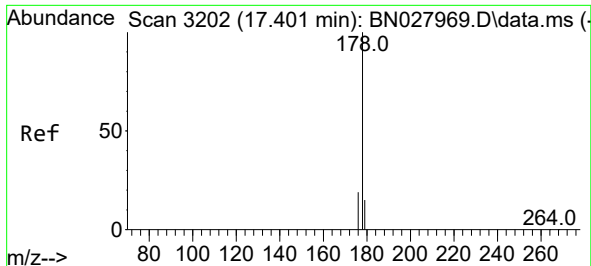
Ion Ratio Lower Upper

266 100

264 62.7 49.6 74.4

268 63.9 50.7 76.1

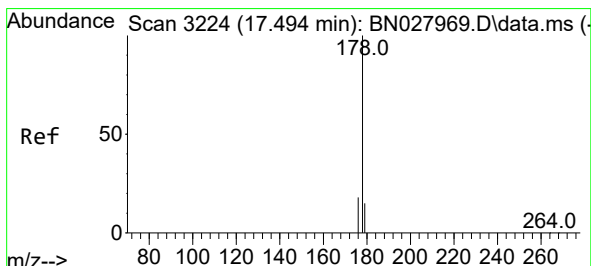
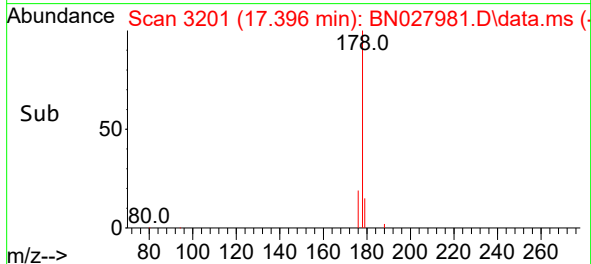
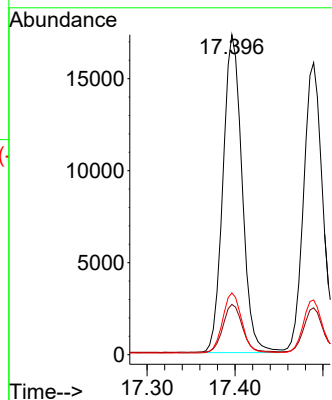
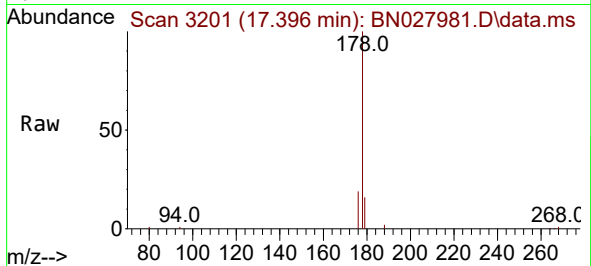




#15
Phenanthrene
Concen: 0.262 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

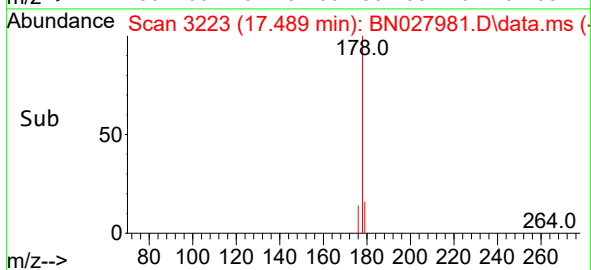
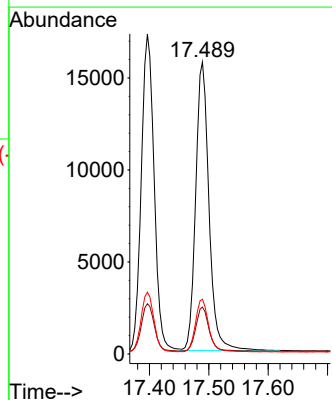
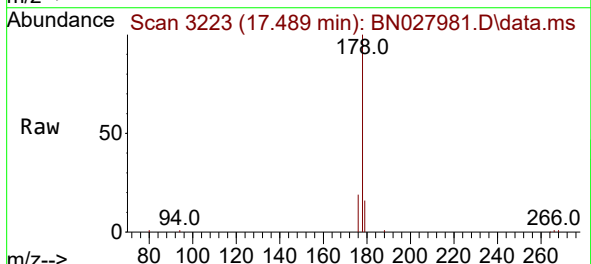
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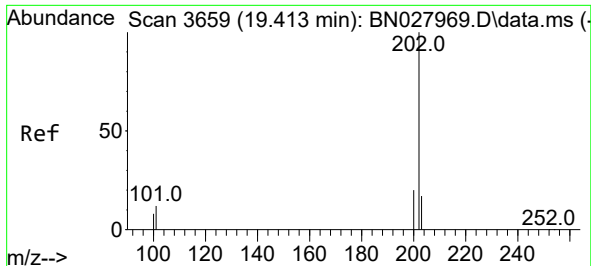
Tgt Ion:178 Resp: 26070
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.292 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:178 Resp: 24350
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.7 15.5 23.3

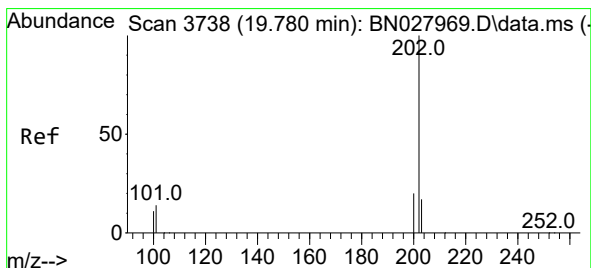
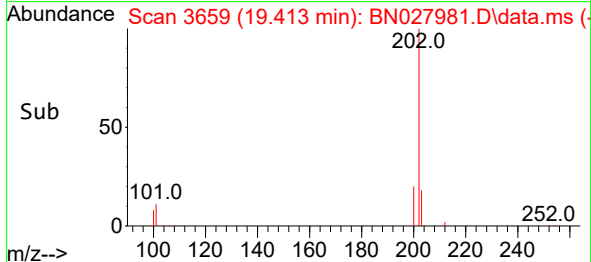
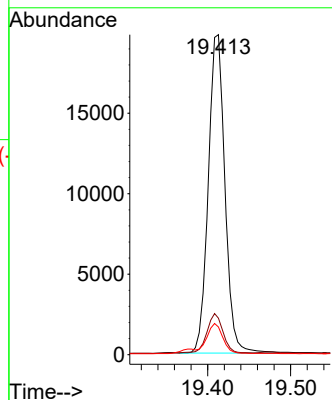
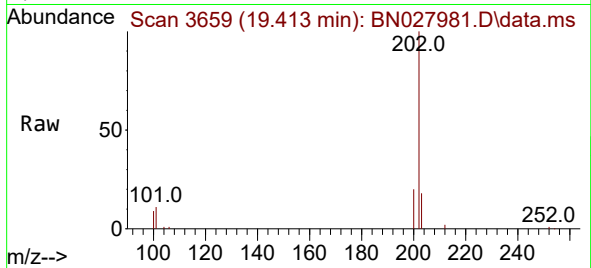




#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

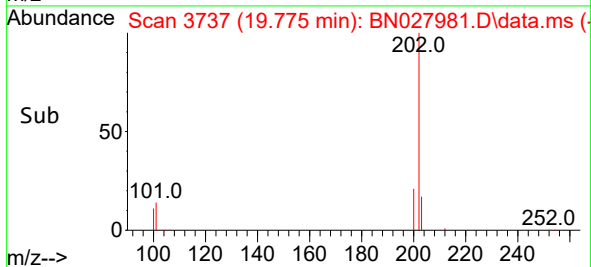
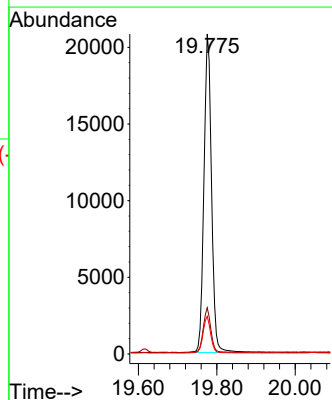
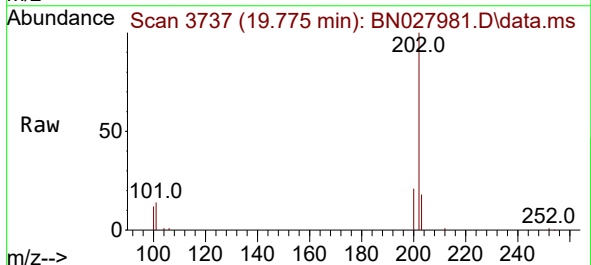
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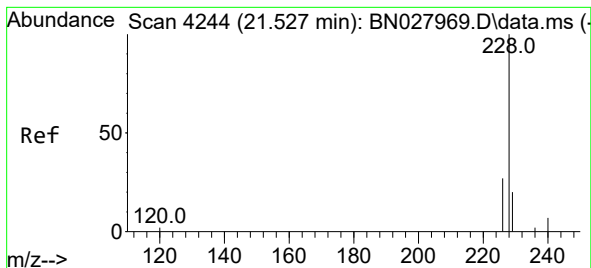
Tgt Ion:202 Resp: 27645
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.7 7.0 10.4



#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.775 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:202 Resp: 27921
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.7 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.282 ng/ul

RT: 21.522 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

Instrument :

BNA_N

ClientSampleId :

SLCS863

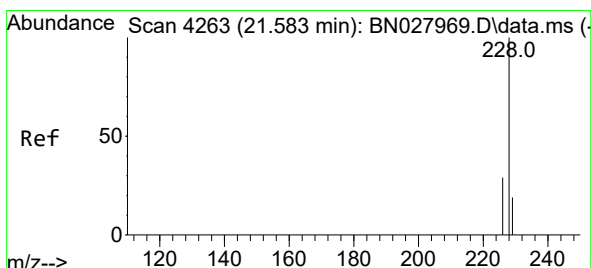
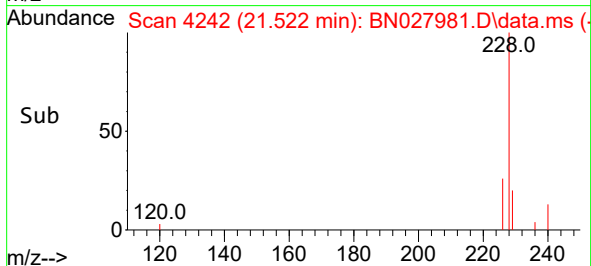
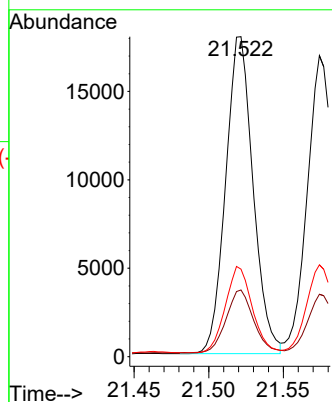
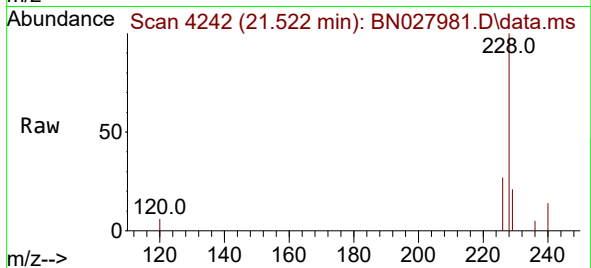
Tgt Ion:228 Resp: 22926

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.8

226 27.3 22.0 33.0



#22

Chrysene

Concen: 0.259 ng/ul

RT: 21.574 min Scan# 4260

Delta R.T. 0.000 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

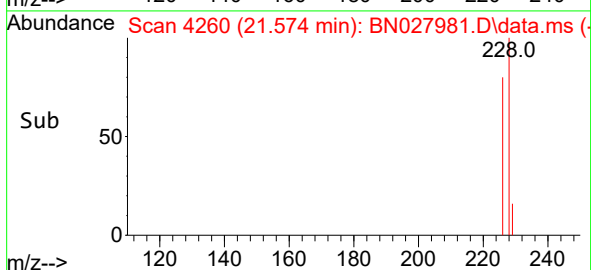
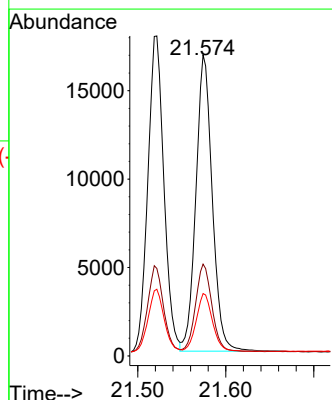
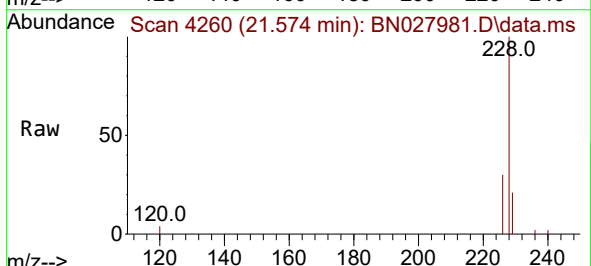
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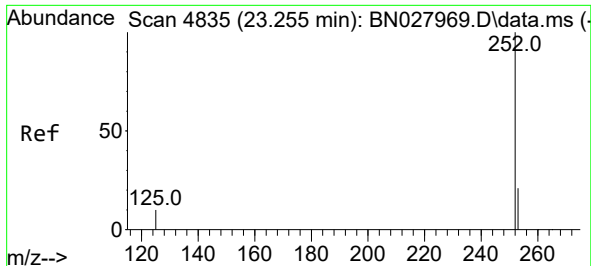
Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.7 16.0 24.0

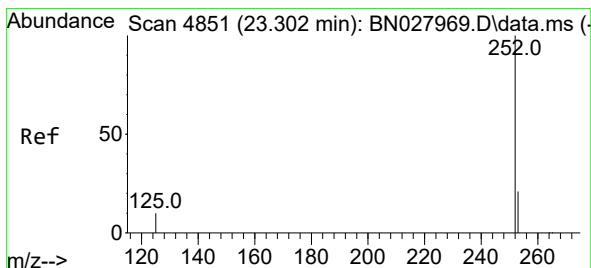
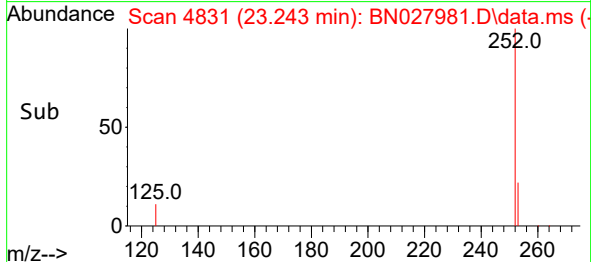
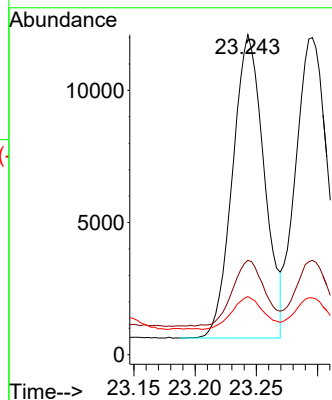
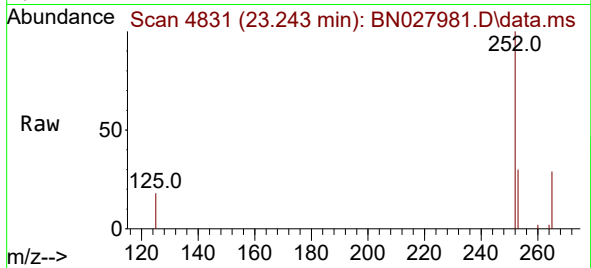




#24
Benzo(b)fluoranthene
Concen: 0.221 ng/ul
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

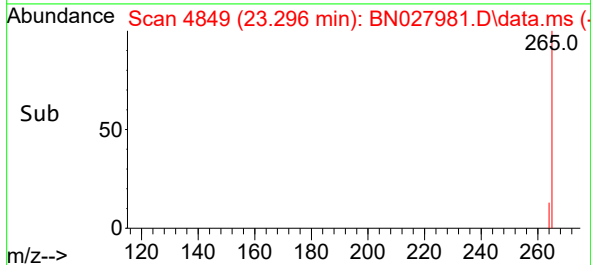
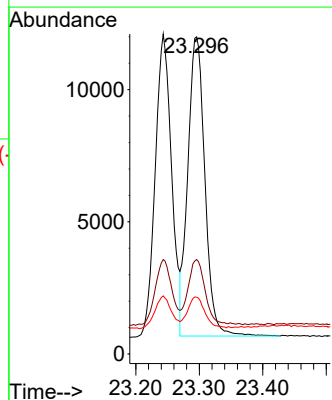
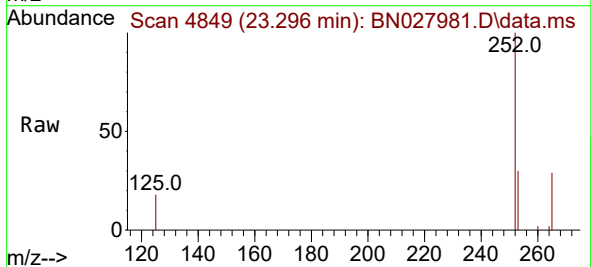
Instrument :
BNA_N
ClientSampleId :
SLCS863

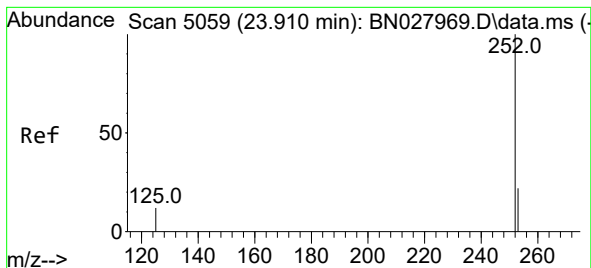
Tgt Ion:252 Resp: 20605
Ion Ratio Lower Upper
252 100
253 29.5 0.0 50.2
125 18.2 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.234 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027981.D
Acq: 30 Sep 2023 03:55

Tgt Ion:252 Resp: 21192
Ion Ratio Lower Upper
252 100
253 29.8 19.9 29.9
125 17.9 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.261 ng/ul

RT: 23.901 min Scan# 5059

Delta R.T. 0.006 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

Instrument :

BNA_N

ClientSampleId :

SLCS863

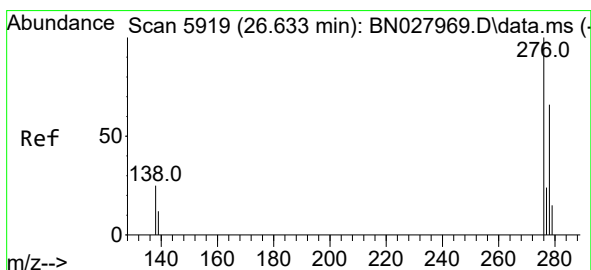
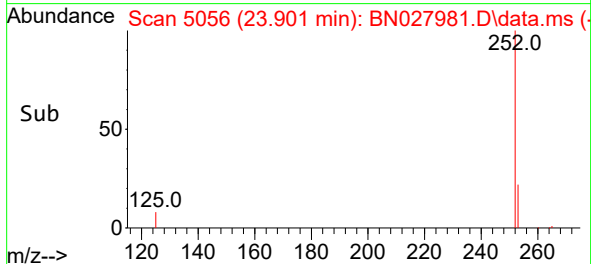
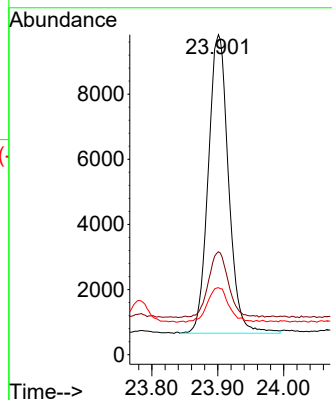
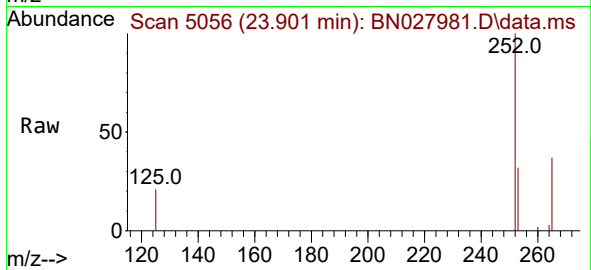
Tgt Ion:252 Resp: 19583

Ion Ratio Lower Upper

252 100

253 32.1 21.9 32.9

125 20.9 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.251 ng/ul

RT: 26.620 min Scan# 5915

Delta R.T. 0.021 min

Lab File: BN027981.D

Acq: 30 Sep 2023 03:55

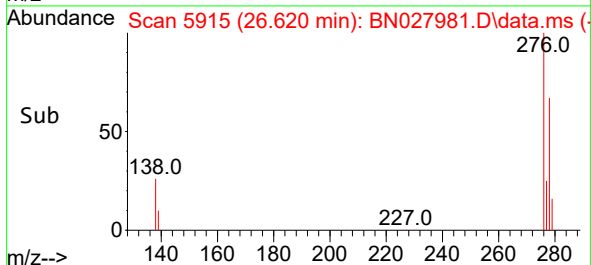
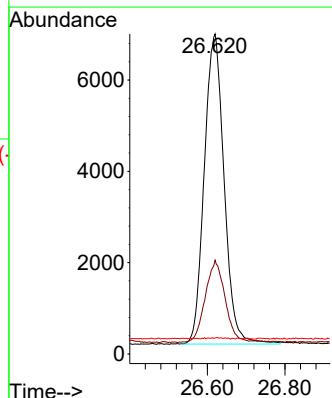
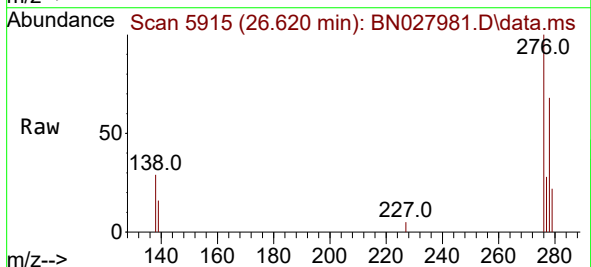
Tgt Ion:276 Resp: 24098

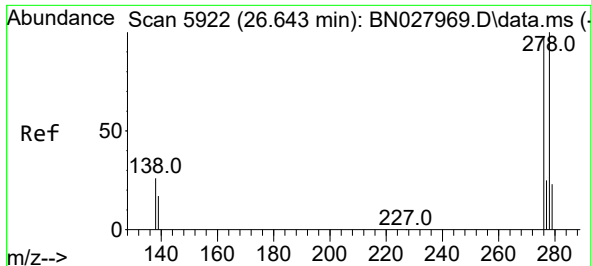
Ion Ratio Lower Upper

276 100

138 26.9 24.3 36.5

227 0.1 0.0 0.0#

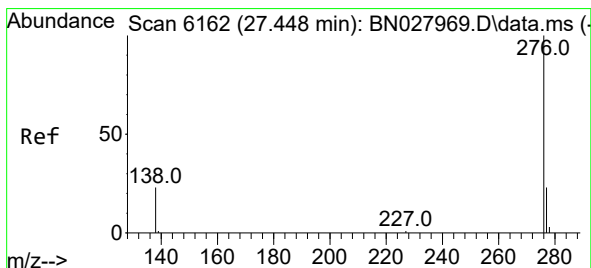
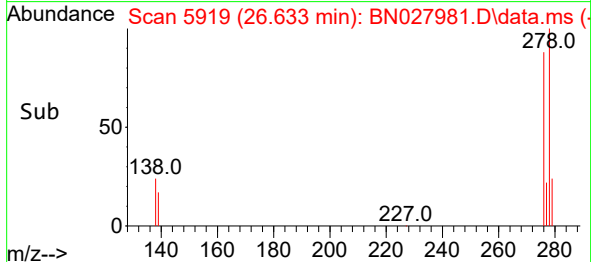
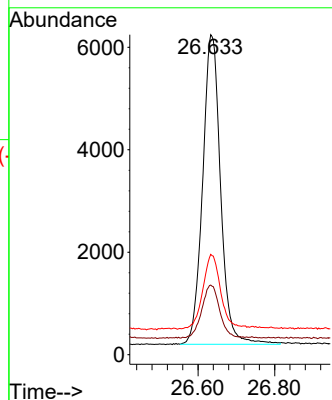
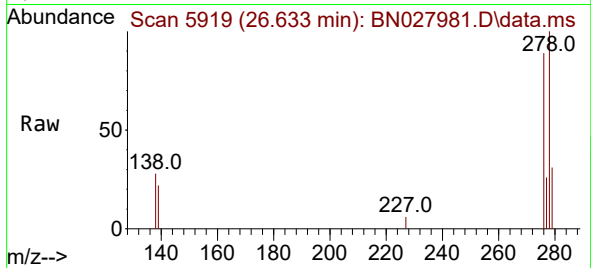




#28
 Dibenzo(a,h)anthracene
 Concen: 0.255 ng/ul
 RT: 26.633 min Scan# 5919
 Delta R.T. 0.011 min
 Lab File: BN027981.D
 Acq: 30 Sep 2023 03:55

Instrument :
 BNA_N
 ClientSampleId :
 SLCS863

Tgt Ion:278 Resp: 19730
 Ion Ratio Lower Upper
 278 100
 139 21.8 17.2 25.8
 279 31.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.243 ng/ul
 RT: 27.431 min Scan# 6157
 Delta R.T. 0.021 min
 Lab File: BN027981.D
 Acq: 30 Sep 2023 03:55

Tgt Ion:276 Resp: 19791
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.7 32.5
 277 28.6 20.2 30.2

