

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027982.D
 Acq On : 30 Sep 2023 04:32
 Operator : MA/JU
 Sample : PB155866BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS866

Quant Time: Sep 30 05:45:26 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

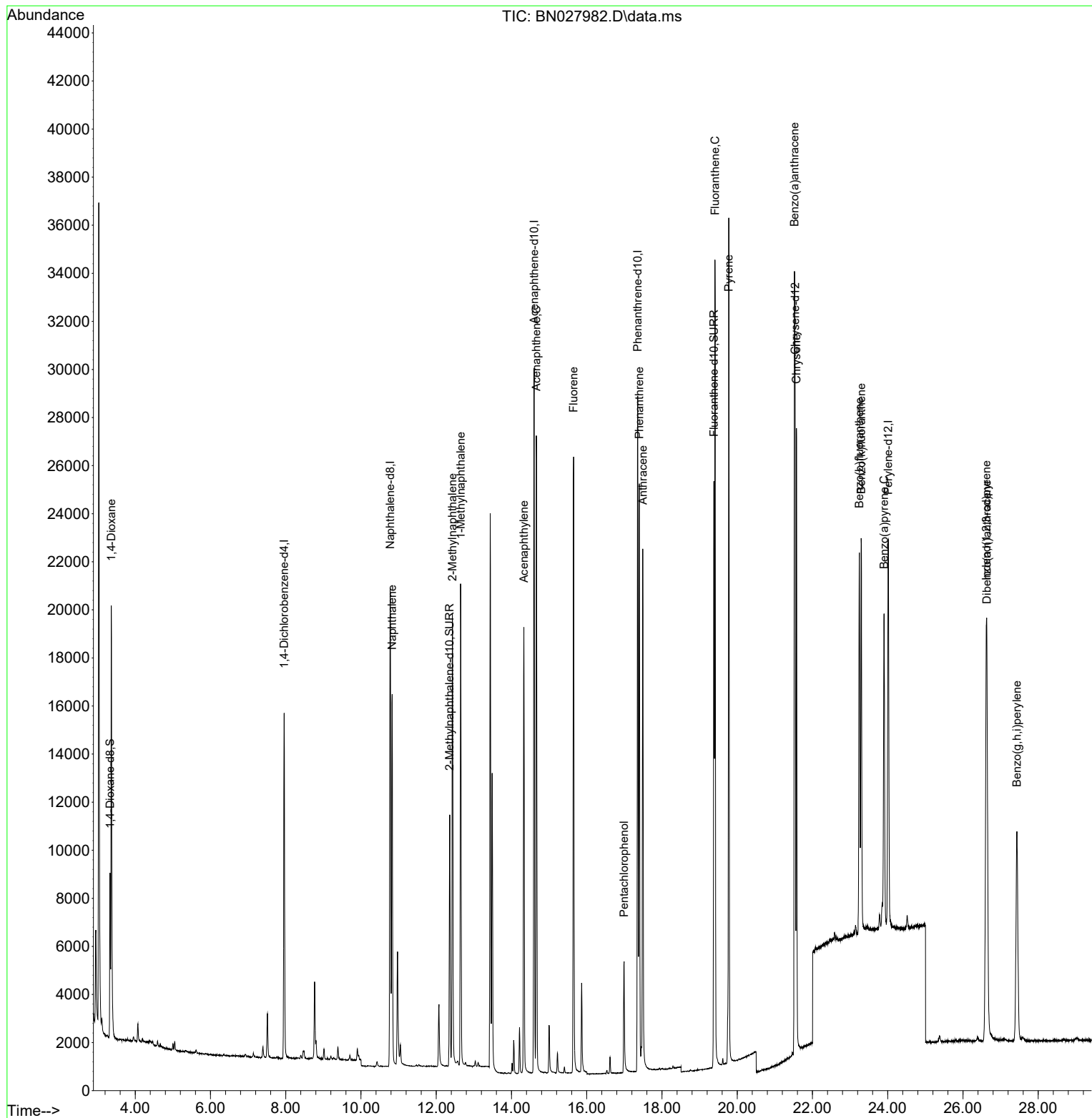
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	7512	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	28321	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	16414	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	33671	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	23592	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	23343	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4646	0.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	13937	0.325	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	26689	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	13297	1.350	ng/ul#	83
5) Naphthalene	10.828	128	21482	0.265	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	14025	0.273	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	13667	0.258	ng/ul	99
10) Acenaphthylene	14.328	152	21569	0.301	ng/ul	99
11) Acenaphthene	14.661	153	15318	0.247	ng/ul	98
12) Fluorene	15.651	166	16928	0.232	ng/ul	99
14) Pentachlorophenol	16.991	266	3518	0.446	ng/ul	99
15) Phenanthrene	17.396	178	26184	0.247	ng/ul	99
16) Anthracene	17.489	178	24367	0.275	ng/ul	99
19) Fluoranthene	19.408	202	28488	0.299	ng/ul	97
20) Pyrene	19.775	202	28835	0.293	ng/ul	99
21) Benzo(a)anthracene	21.522	228	24351	0.267	ng/ul	99
22) Chrysene	21.574	228	22900	0.243	ng/ul	99
24) Benzo(b)fluoranthene	23.246	252	21963	0.211	ng/ul	93
25) Benzo(k)fluoranthene	23.296	252	21782	0.216	ng/ul	94
26) Benzo(a)pyrene	23.901	252	20748	0.248	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.619	276	25162	0.235	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.636	278	20668	0.239	ng/ul	95
29) Benzo(g,h,i)perylene	27.434	276	20595	0.226	ng/ul	96

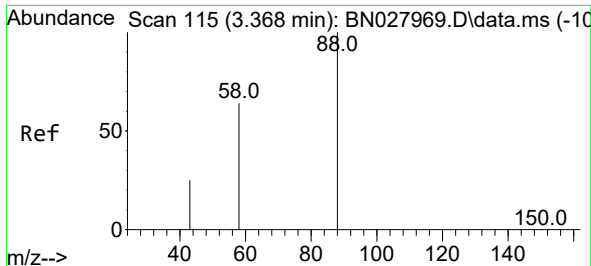
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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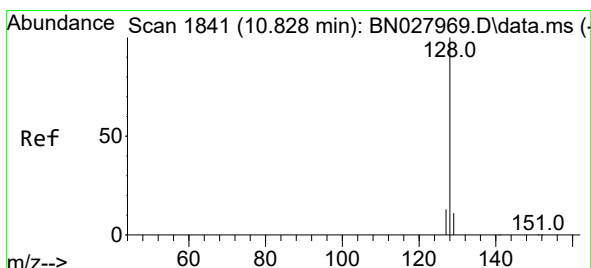
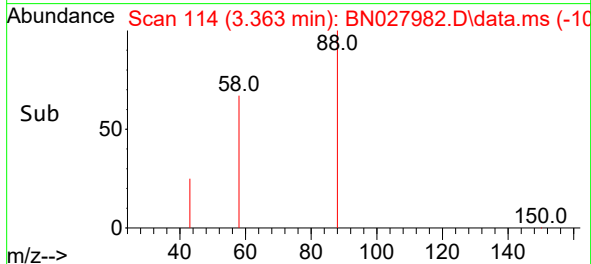
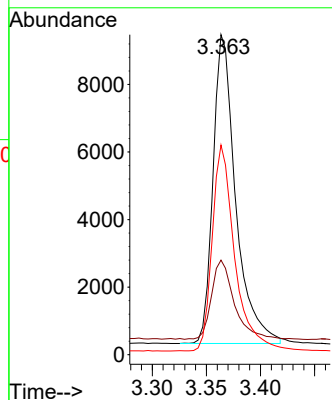
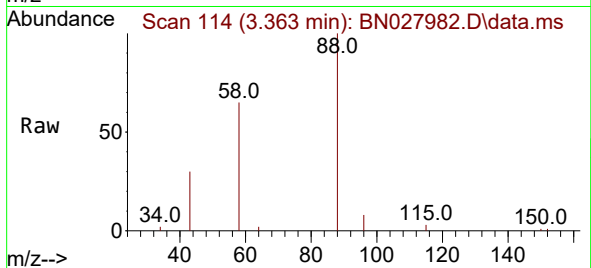




#2
1,4-Dioxane
Concen: 1.350 ng/ul
RT: 3.363 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

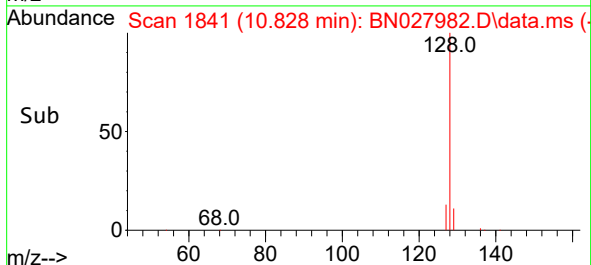
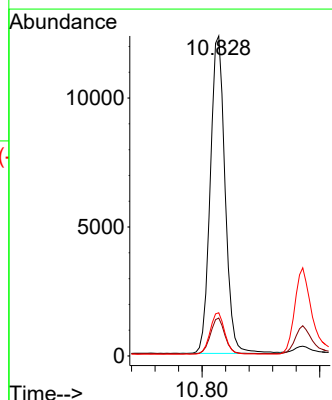
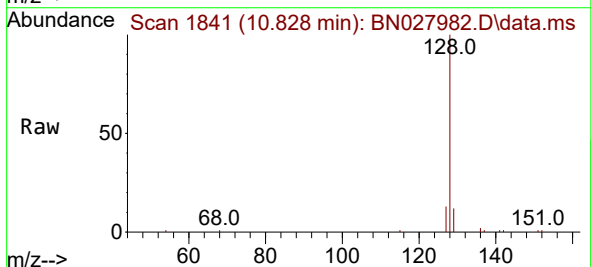
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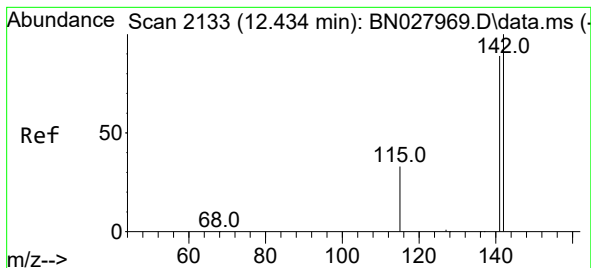
Tgt Ion: 88 Resp: 13297
Ion Ratio Lower Upper
88 100
43 29.5 39.6 59.4#
58 65.5 48.3 72.5



#5
Naphthalene
Concen: 0.265 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:128 Resp: 21482
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.5 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.273 ng/ul

RT: 12.434 min Scan# 2133

Delta R.T. 0.000 min

Lab File: BN027982.D

Acq: 30 Sep 2023 04:32

Instrument :

BNA_N

ClientSampleId :

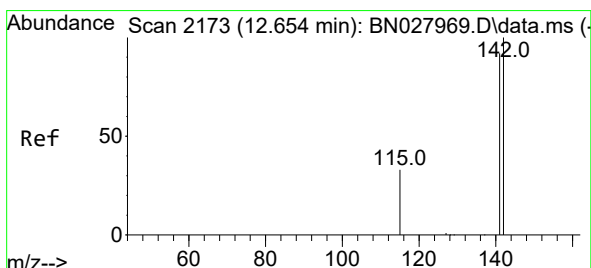
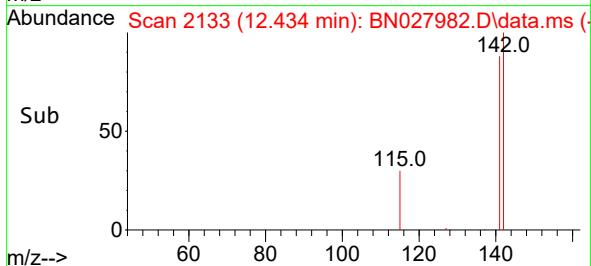
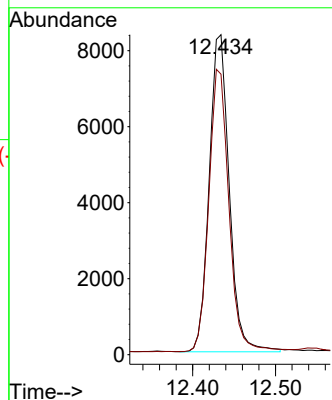
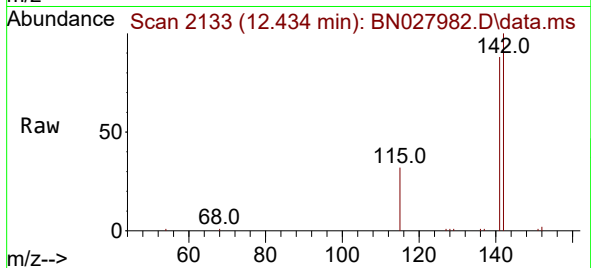
SLCS866

Tgt Ion:142 Resp: 14025

Ion Ratio Lower Upper

142 100

141 89.2 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.258 ng/ul

RT: 12.649 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN027982.D

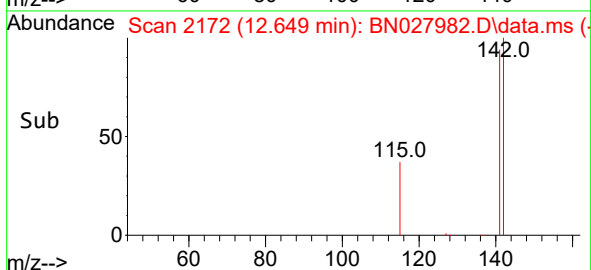
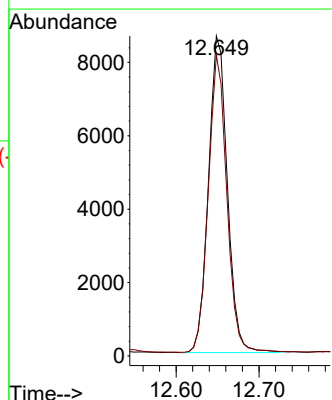
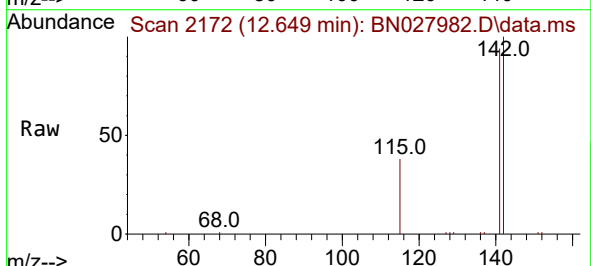
Acq: 30 Sep 2023 04:32

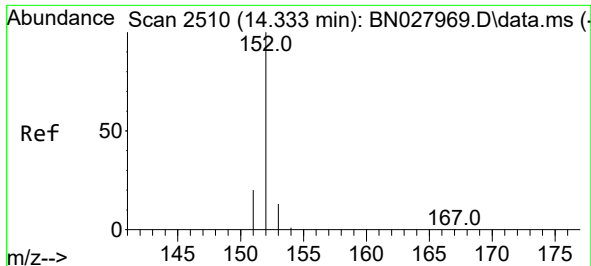
Tgt Ion:142 Resp: 13667

Ion Ratio Lower Upper

142 100

141 91.7 72.8 109.2

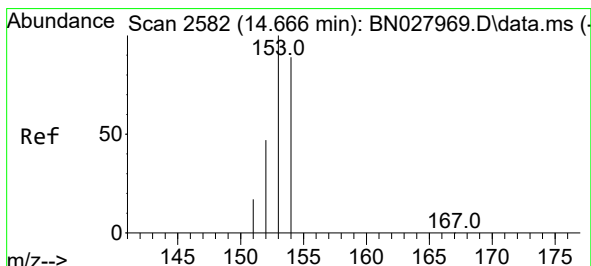
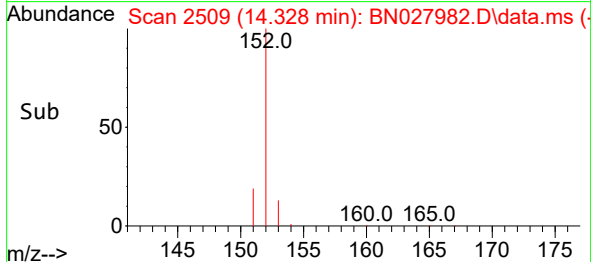
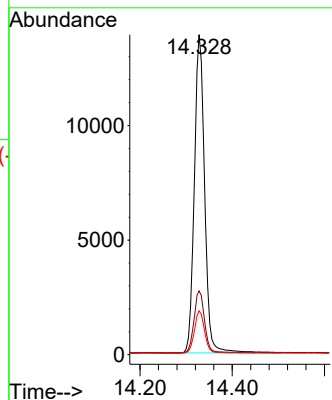
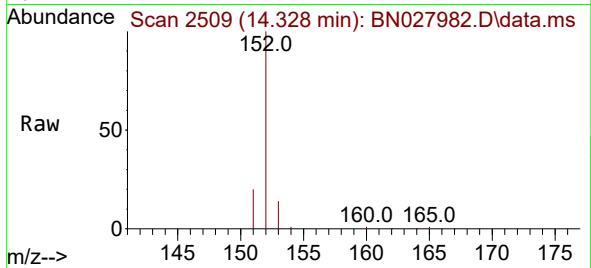




#10
Acenaphthylene
Concen: 0.301 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

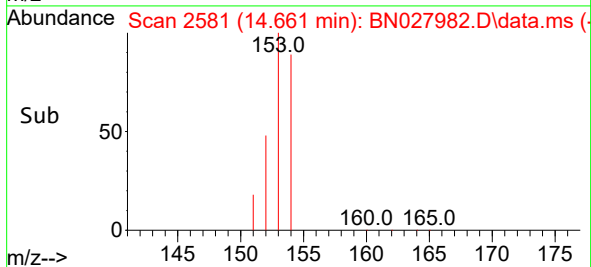
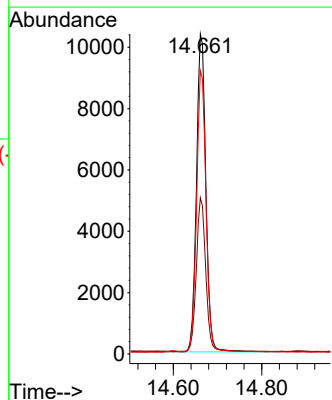
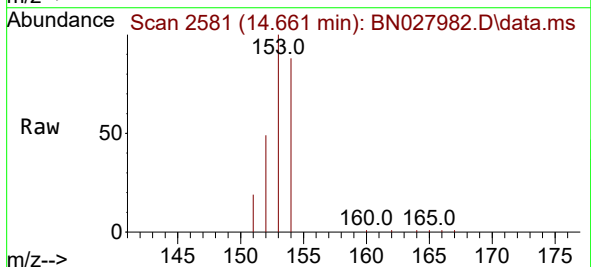
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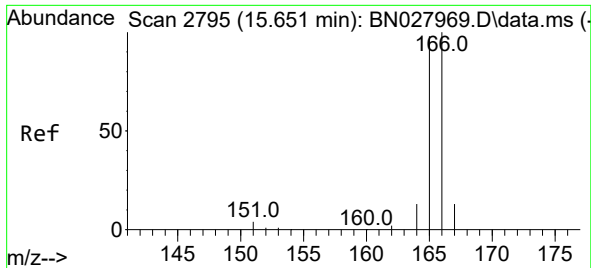
Tgt Ion:152 Resp: 21569
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.7 11.0 16.6



#11
Acenaphthene
Concen: 0.247 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.005 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:153 Resp: 15318
Ion Ratio Lower Upper
153 100
152 48.8 41.7 62.5
154 88.5 70.3 105.5

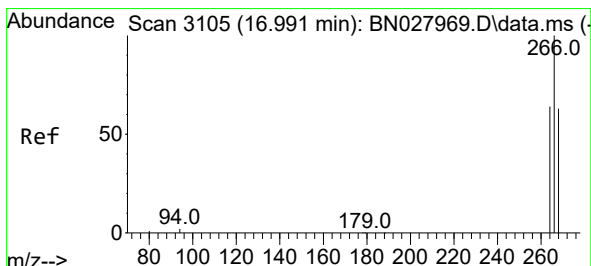
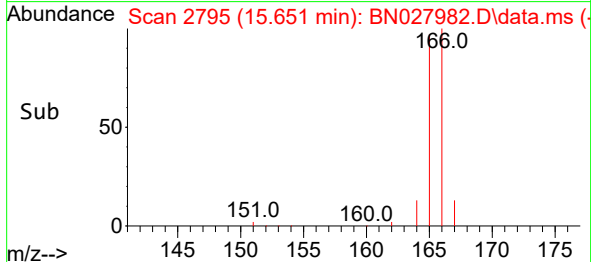
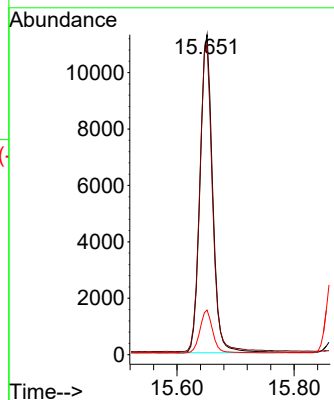
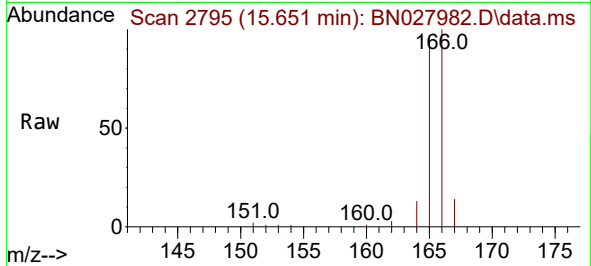




#12
Fluorene
Concen: 0.232 ng/ul
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

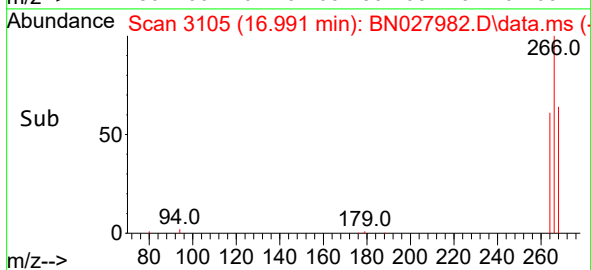
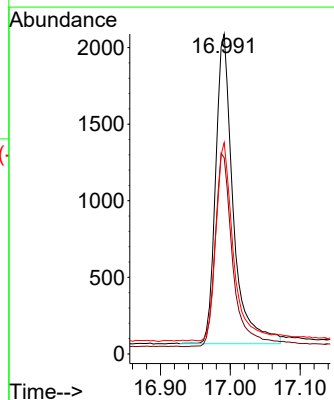
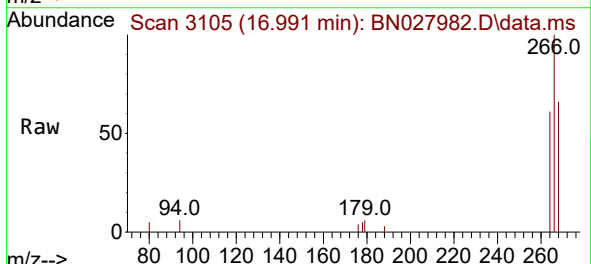
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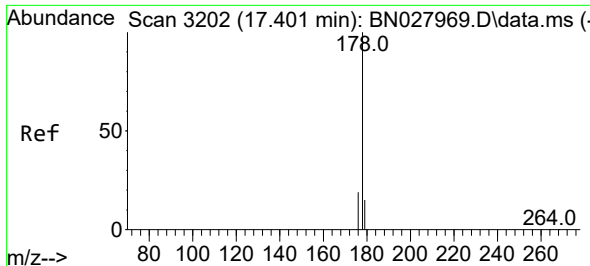
Tgt Ion:166 Resp: 16928
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.9 11.4 17.2



#14
Pentachlorophenol
Concen: 0.446 ng/ul
RT: 16.991 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:266 Resp: 3518
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 63.6 50.7 76.1

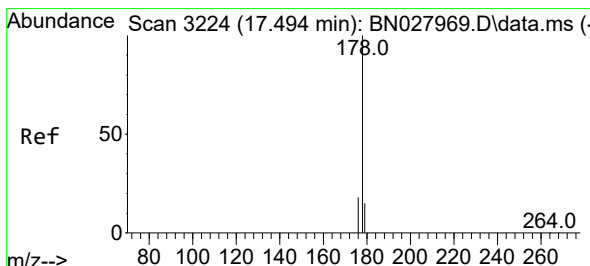
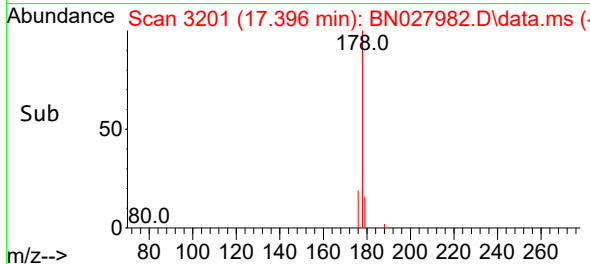
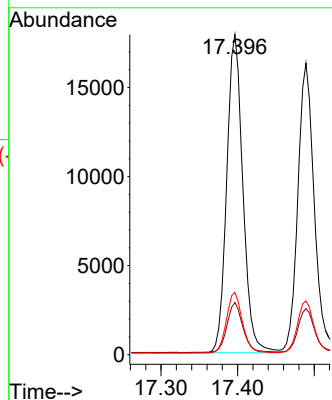
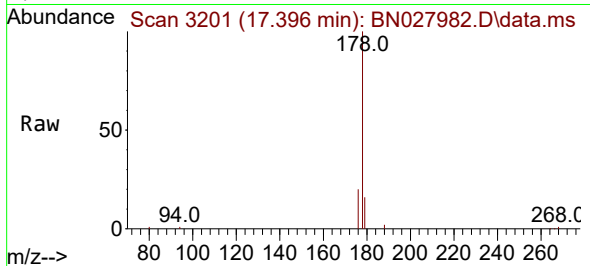




#15
Phenanthrene
Concen: 0.247 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

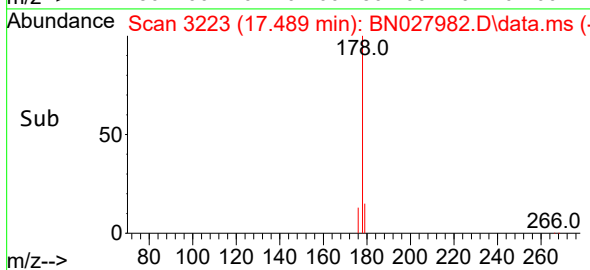
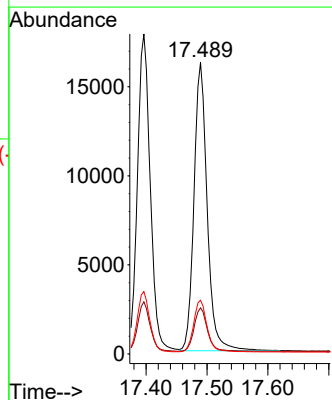
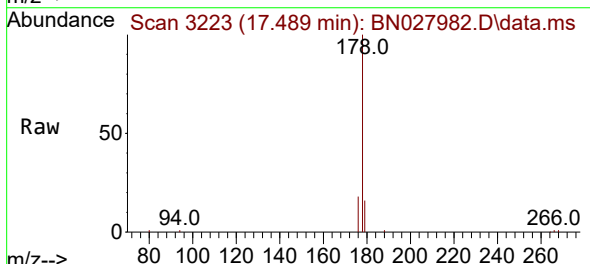
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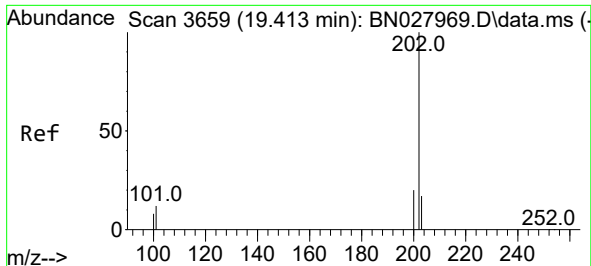
Tgt Ion:178 Resp: 26184
Ion Ratio Lower Upper
178 100
179 16.3 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.275 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:178 Resp: 24367
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.4 15.5 23.3





#19

Fluoranthene

Concen: 0.299 ng/ul

RT: 19.408 min Scan# 3658

Delta R.T. 0.000 min

Lab File: BN027982.D

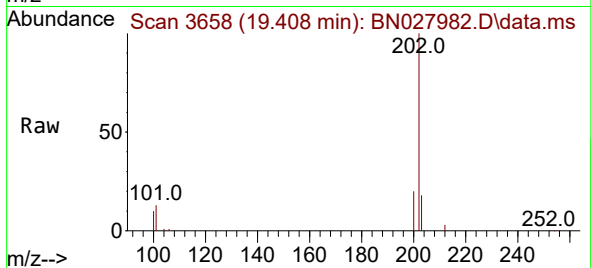
Acq: 30 Sep 2023 04:32

Instrument :

BNA_N

ClientSampleId :

SLCS866



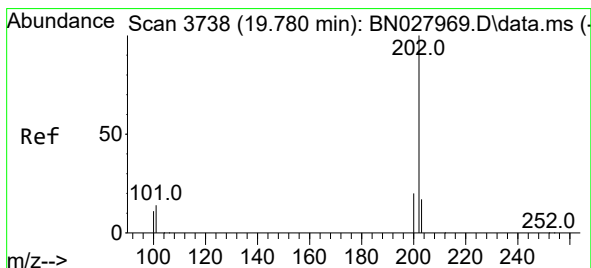
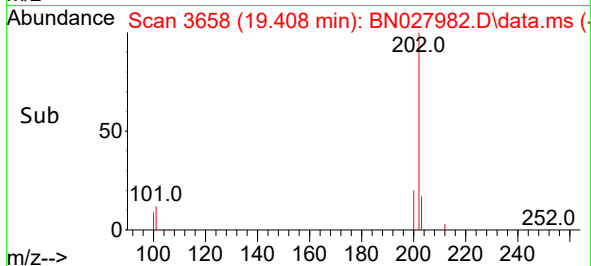
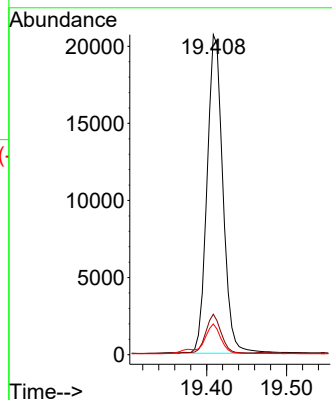
Tgt Ion:202 Resp: 28488

Ion Ratio Lower Upper

202 100

101 12.7 9.3 13.9

100 9.6 7.0 10.4



#20

Pyrene

Concen: 0.293 ng/ul

RT: 19.775 min Scan# 3737

Delta R.T. 0.000 min

Lab File: BN027982.D

Acq: 30 Sep 2023 04:32

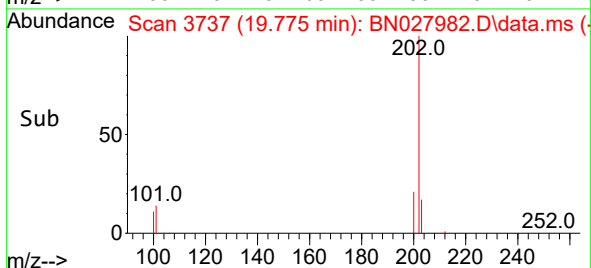
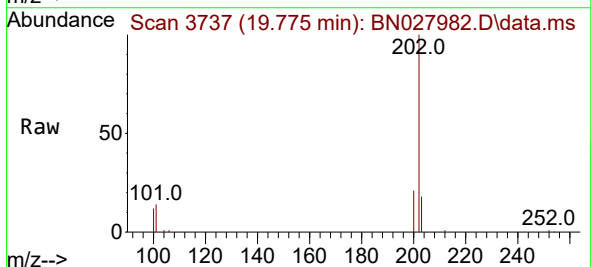
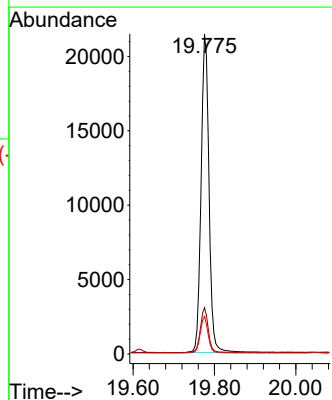
Tgt Ion:202 Resp: 28835

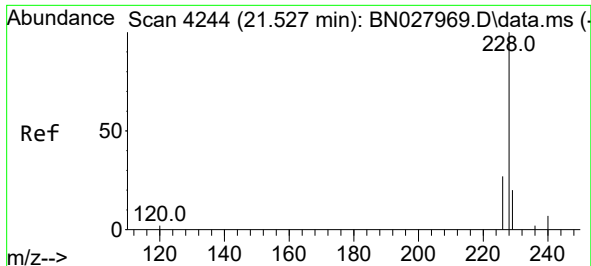
Ion Ratio Lower Upper

202 100

101 14.4 11.4 17.0

100 11.7 9.1 13.7

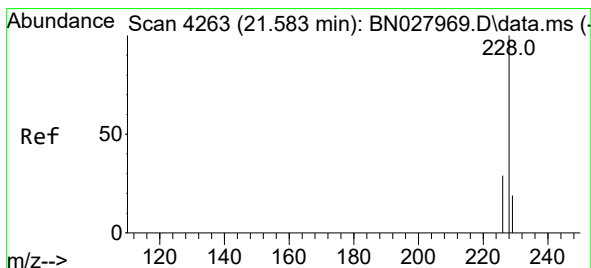
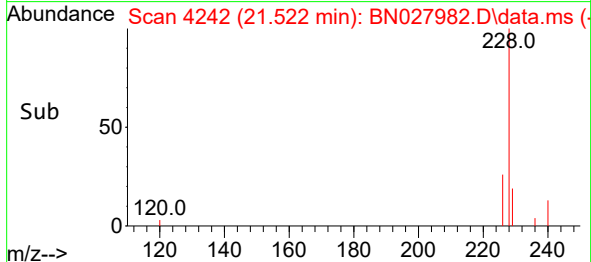
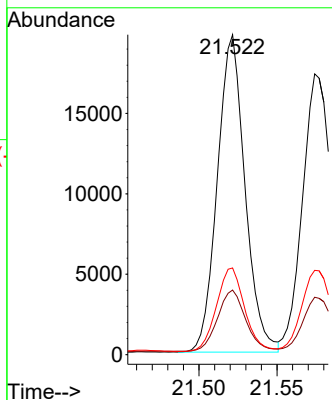
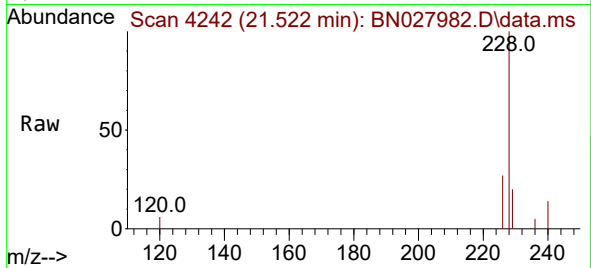




#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.522 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

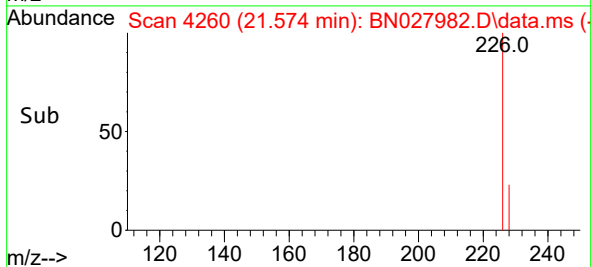
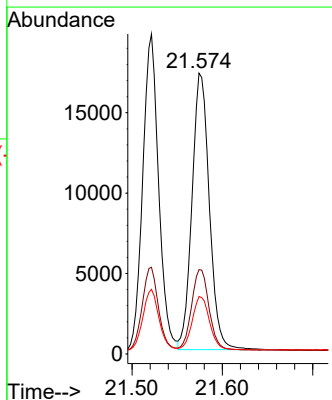
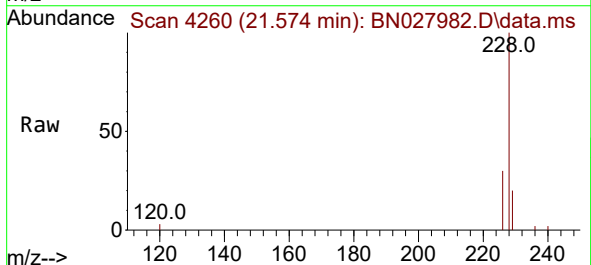
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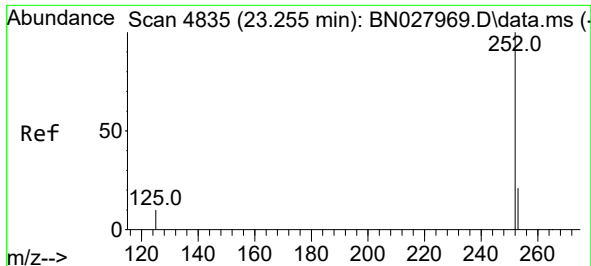
Tgt Ion:228 Resp: 24351
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.243 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:228 Resp: 22900
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.4 16.0 24.0

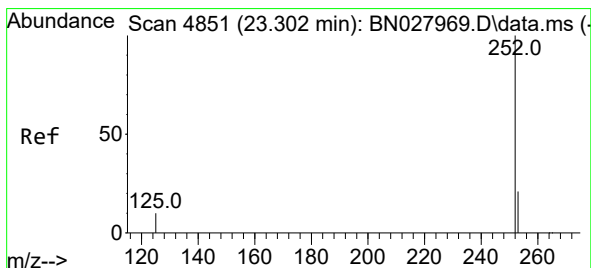
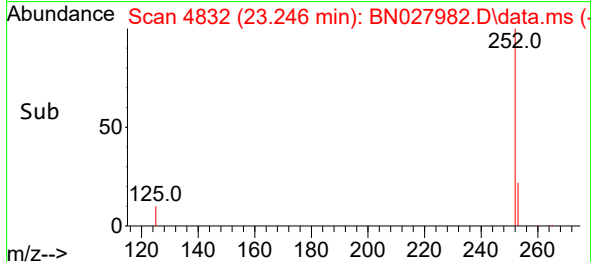
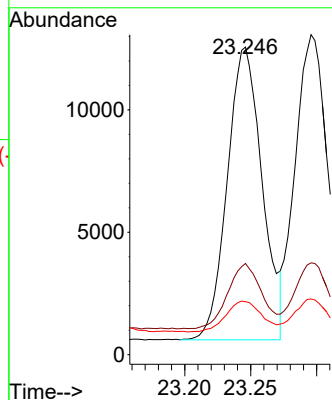
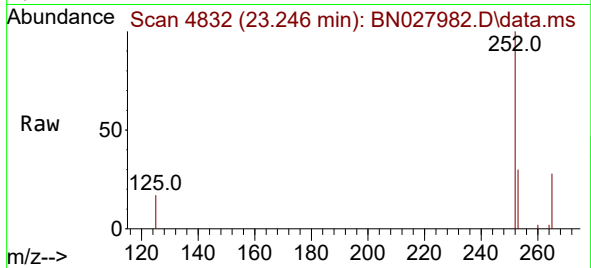




#24
Benzo(b)fluoranthene
Concen: 0.211 ng/ul
RT: 23.246 min Scan# 4832
Delta R.T. 0.006 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

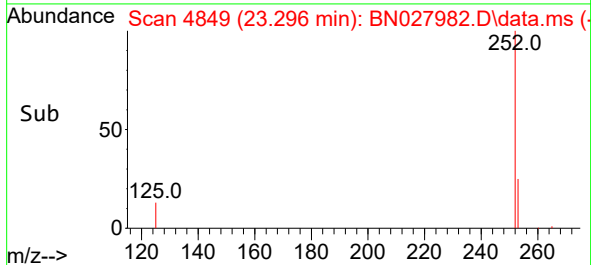
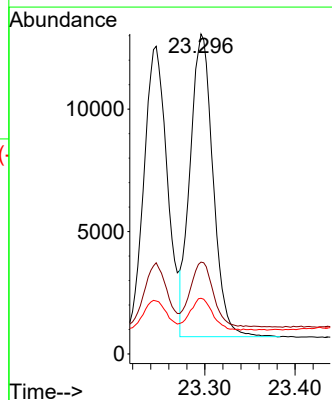
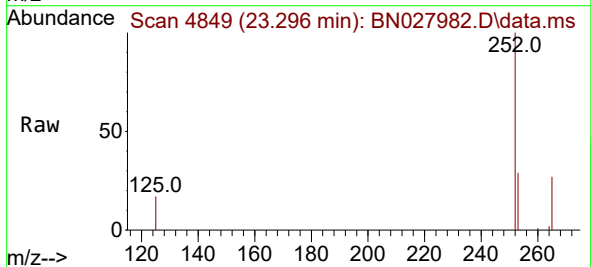
Instrument :
BNA_N
ClientSampleId :
SLCS866

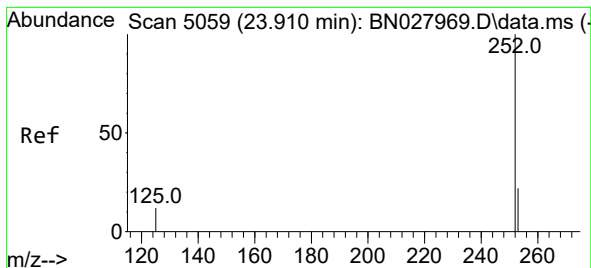
Tgt Ion:252 Resp: 21963
Ion Ratio Lower Upper
252 100
253 29.6 0.0 50.2
125 17.2 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.216 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. 0.003 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:252 Resp: 21782
Ion Ratio Lower Upper
252 100
253 28.7 19.9 29.9
125 17.4 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.248 ng/ul

RT: 23.901 min Scan# 5059

Delta R.T. 0.006 min

Lab File: BN027982.D

Acq: 30 Sep 2023 04:32

Instrument :

BNA_N

ClientSampleId :

SLCS866

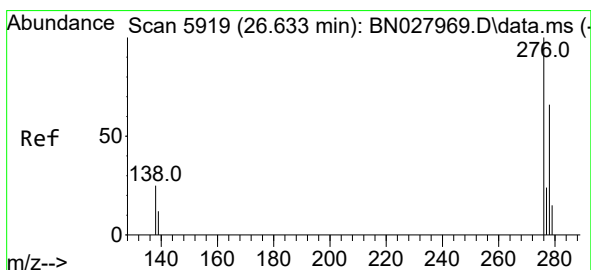
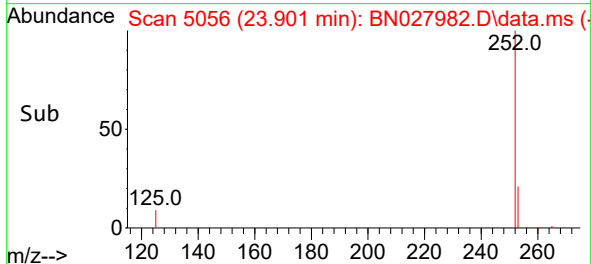
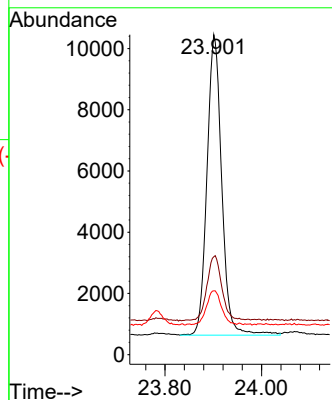
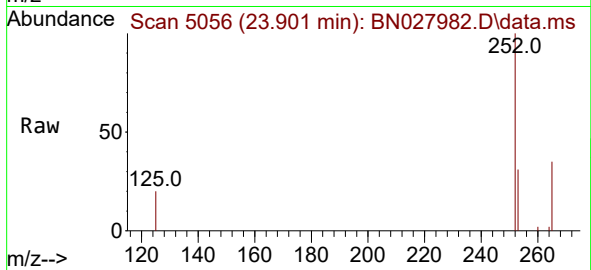
Tgt Ion:252 Resp: 20748

Ion Ratio Lower Upper

252 100

253 30.6 21.9 32.9

125 20.0 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.235 ng/ul

RT: 26.619 min Scan# 5915

Delta R.T. 0.020 min

Lab File: BN027982.D

Acq: 30 Sep 2023 04:32

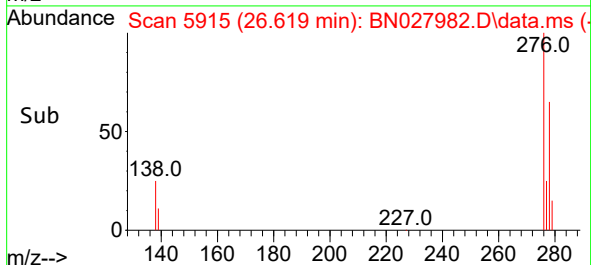
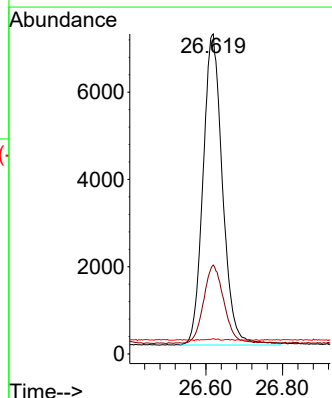
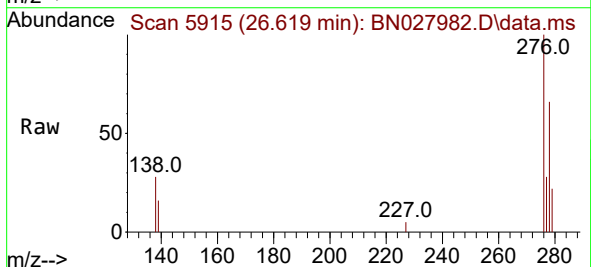
Tgt Ion:276 Resp: 25162

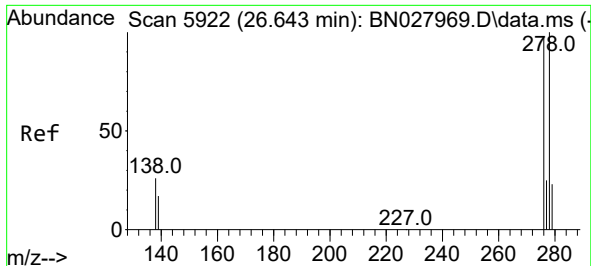
Ion Ratio Lower Upper

276 100

138 26.1 24.3 36.5

227 0.1 0.0 0.0#

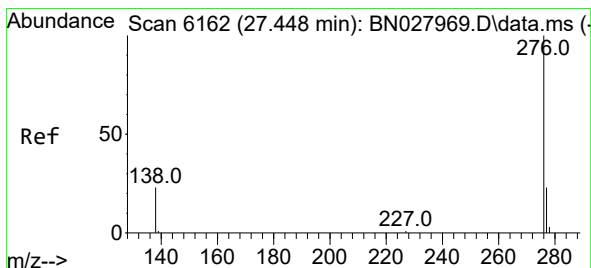
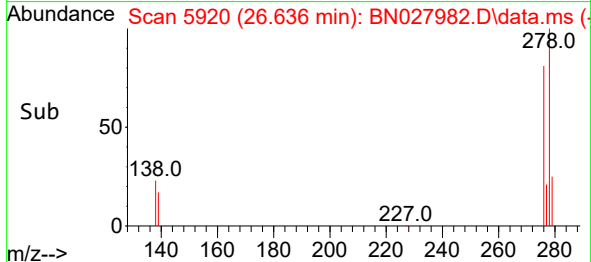
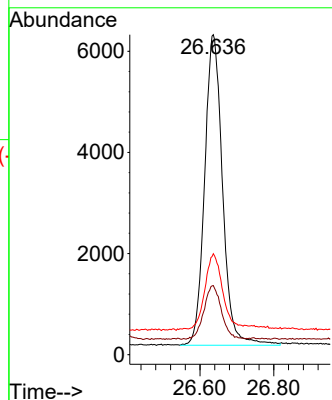
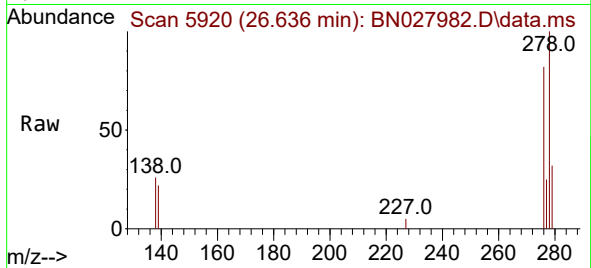




#28
Dibenzo(a,h)anthracene
Concen: 0.239 ng/ul
RT: 26.636 min Scan# 5920
Delta R.T. 0.013 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Instrument :
BNA_N
ClientSampleId :
SLCS866

Tgt Ion:278 Resp: 20668
Ion Ratio Lower Upper
278 100
139 21.6 17.2 25.8
279 31.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.226 ng/ul
RT: 27.434 min Scan# 6158
Delta R.T. 0.023 min
Lab File: BN027982.D
Acq: 30 Sep 2023 04:32

Tgt Ion:276 Resp: 20595
Ion Ratio Lower Upper
276 100
138 25.3 21.7 32.5
277 27.8 20.2 30.2

