

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027541.D
 Acq On : 10 Sep 2023 15:25
 Operator : MA/JU
 Sample : PB155307BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS307

Quant Time: Sep 11 01:19:42 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

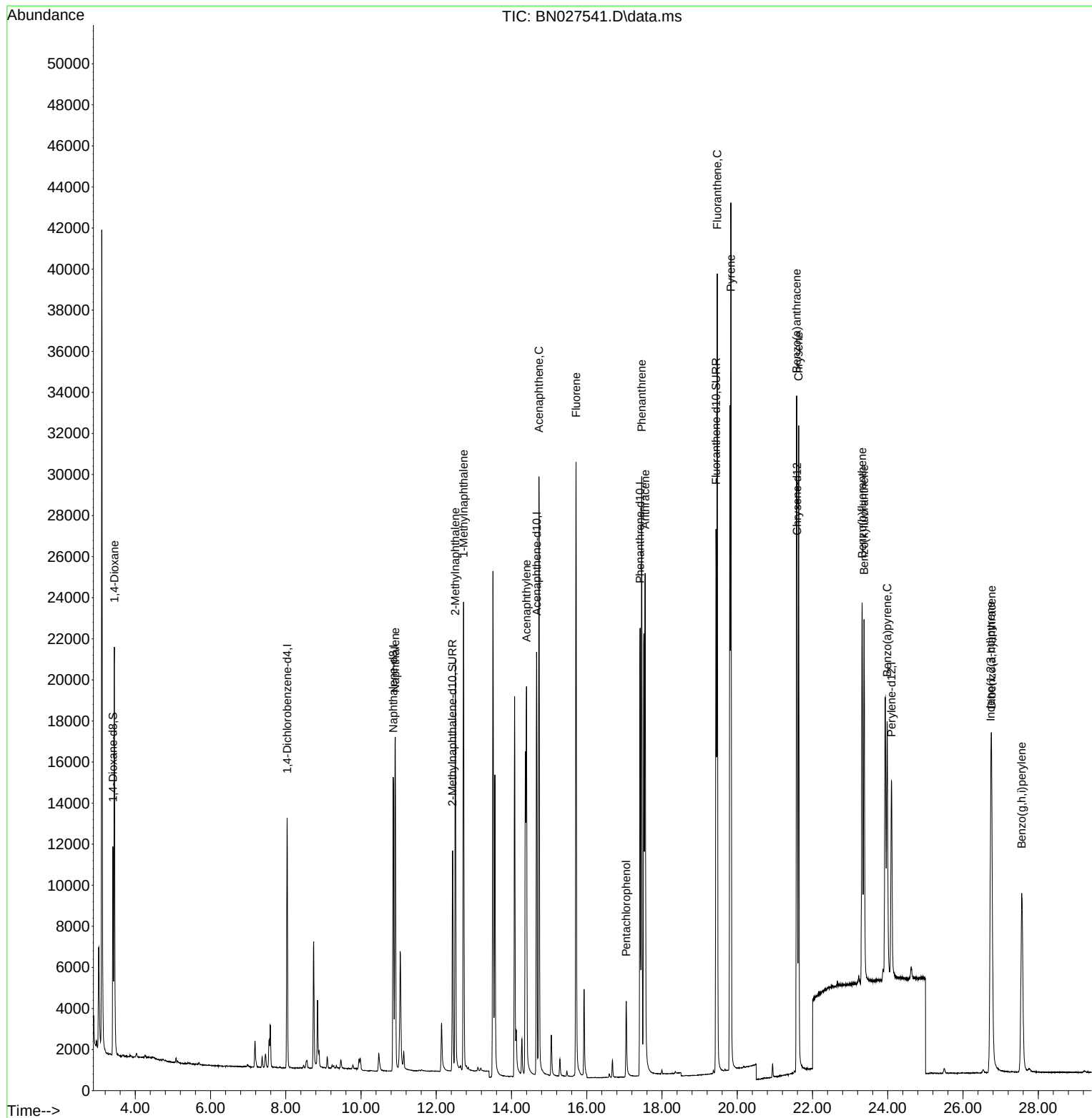
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6196	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	20335	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.670	164	12044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	26699	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	17768	0.400	ng/ul	0.00
23) Perylene-d12	24.100	264	14740	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	6738	0.818	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	14250	0.462	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30803	0.506	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	14497	1.738	ng/ul#	84
5) Naphthalene	10.911	128	22708	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	14820	0.402	ng/ul	99
8) 1-Methylnaphthalene	12.725	142	15924	0.405	ng/ul	100
10) Acenaphthylene	14.397	152	21516	0.390	ng/ul	99
11) Acenaphthene	14.731	153	17210	0.363	ng/ul	98
12) Fluorene	15.716	166	20096	0.378	ng/ul	98
14) Pentachlorophenol	17.050	266	2950	0.567	ng/ul	99
15) Phenanthrene	17.460	178	31916	0.367	ng/ul	100
16) Anthracene	17.553	178	28425	0.411	ng/ul	99
19) Fluoranthene	19.469	202	34541	0.423	ng/ul	98
20) Pyrene	19.831	202	35776	0.430	ng/ul	97
21) Benzo(a)anthracene	21.577	228	27495	0.430	ng/ul	100
22) Chrysene	21.632	228	28271	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.319	252	25836	0.371	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	25569	0.376	ng/ul	98
26) Benzo(a)pyrene	23.986	252	21206	0.390	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.740	276	25469	0.422	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.760	278	20462	0.443	ng/ul	96
29) Benzo(g,h,i)perylene	27.562	276	21892	0.402	ng/ul	97

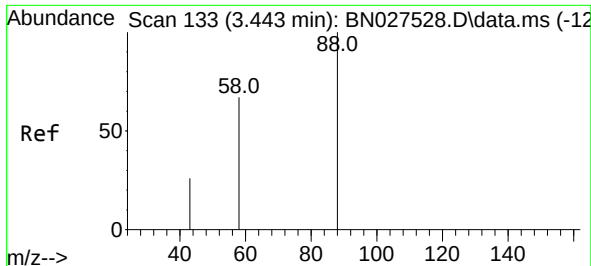
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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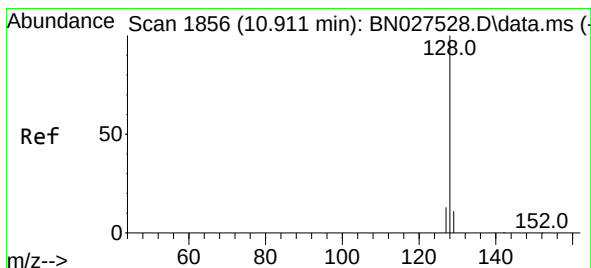
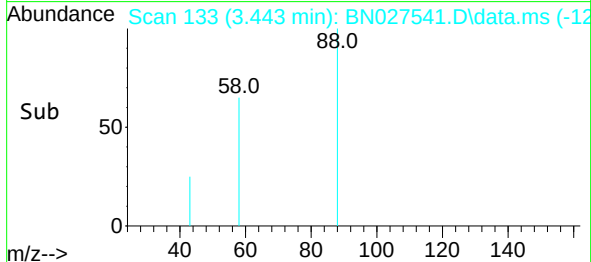
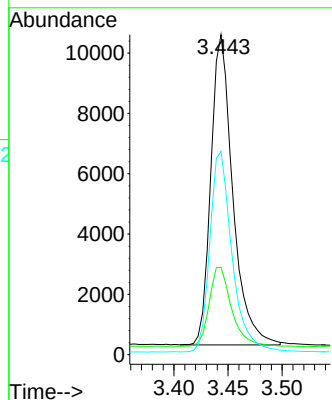
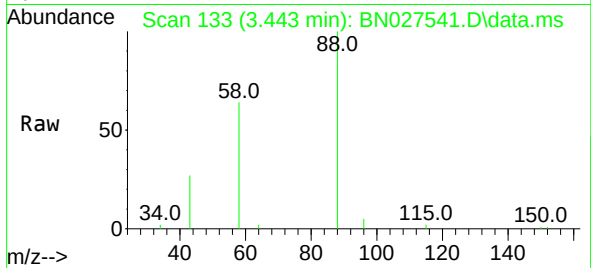




#2
1,4-Dioxane
Concen: 1.738 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

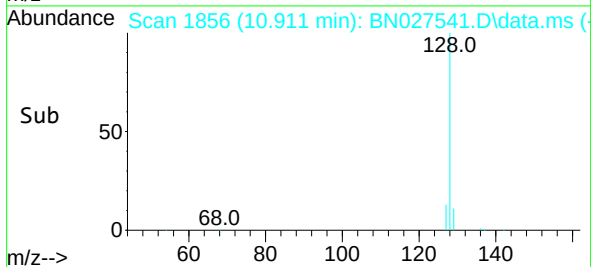
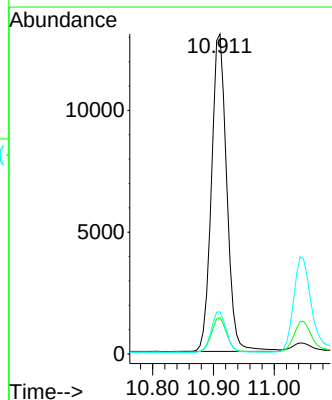
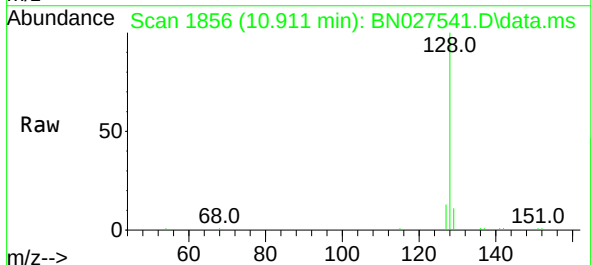
Instrument :
BNA_N
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SLCS307

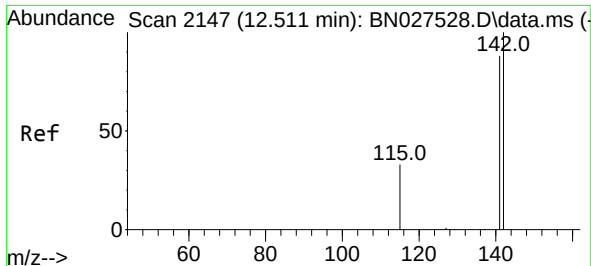
Tgt Ion: 88 Resp: 14497
Ion Ratio Lower Upper
88 100
43 27.3 26.8 40.2
58 63.5 39.9 59.9#



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion: 128 Resp: 22708
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.1 10.6 16.0

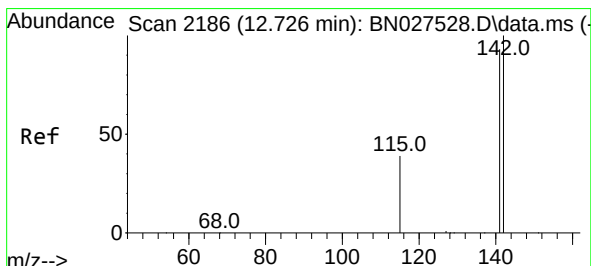
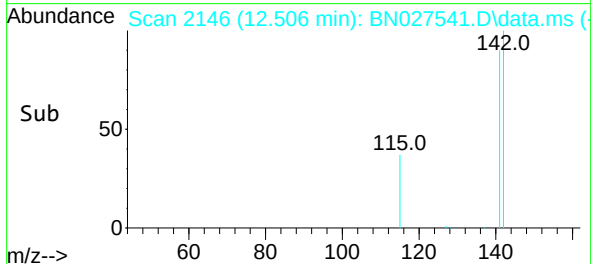
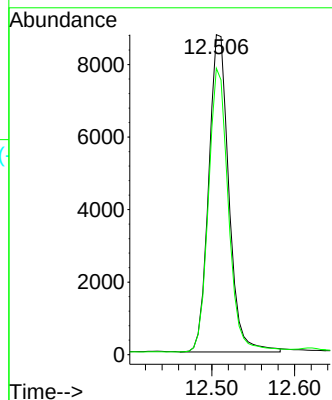
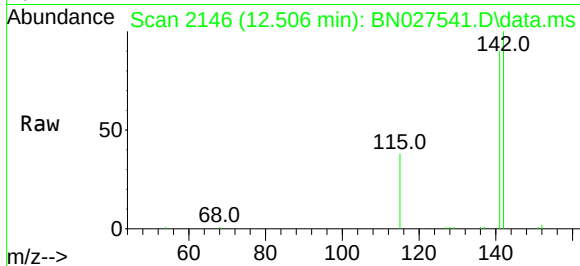




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

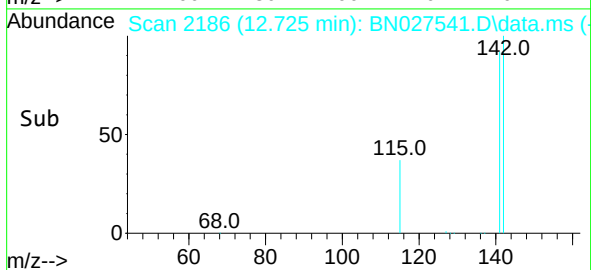
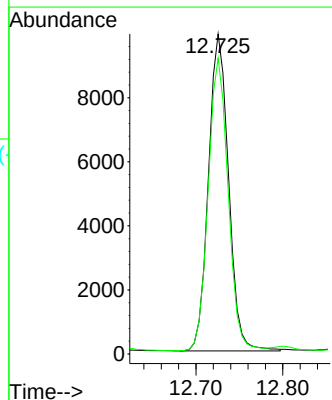
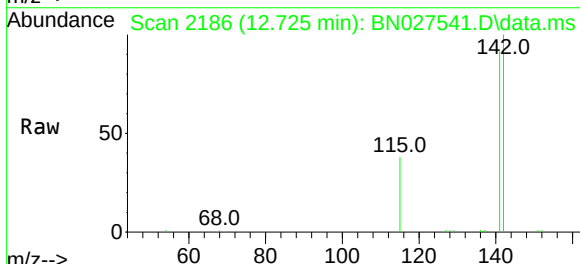
Instrument :
BNA_N
ClientSampleId :
SLCS307

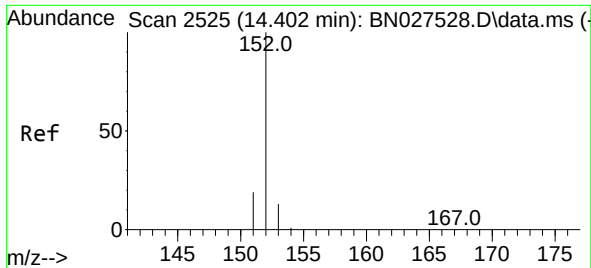
Tgt Ion:142 Resp: 14820
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.725 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:142 Resp: 15924
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4

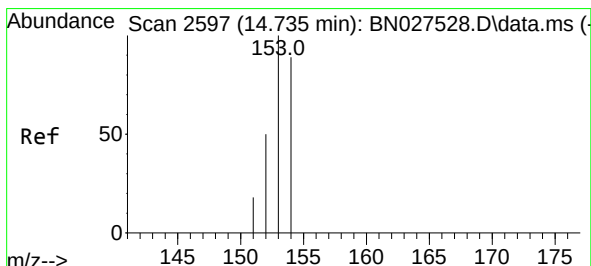
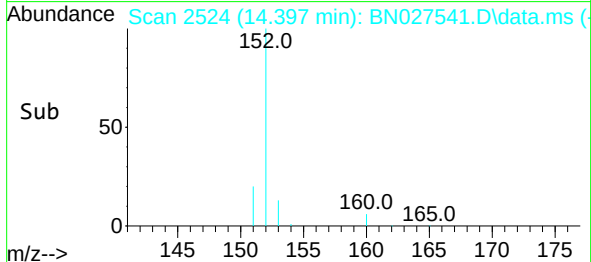
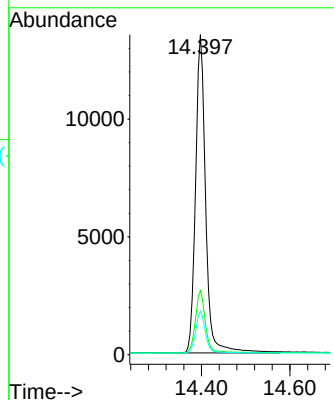
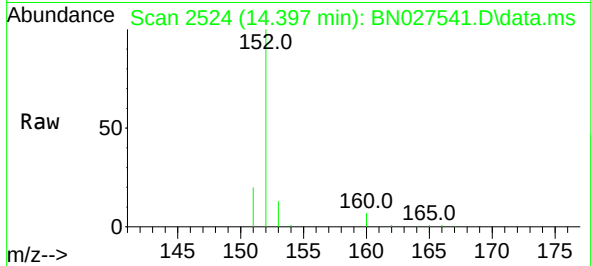




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.397 min Scan# 21516
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

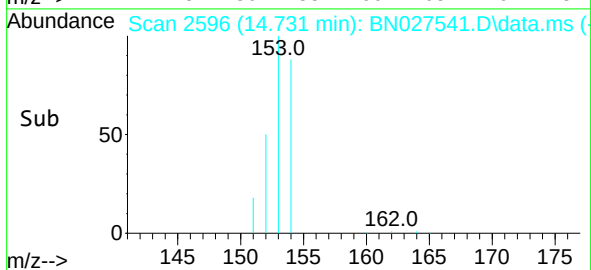
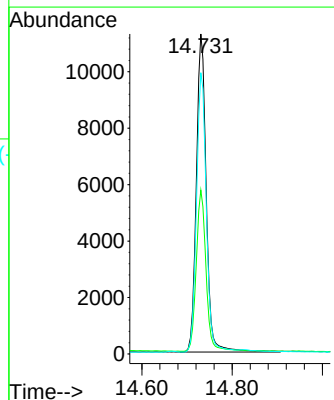
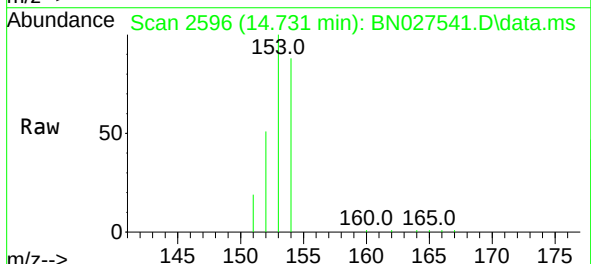
Instrument :
BNA_N
ClientSampleId :
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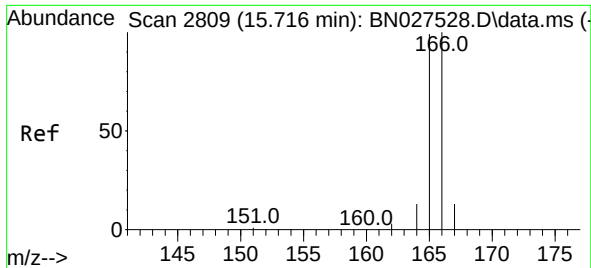
Tgt Ion:	152	Resp:	21516
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	13.5	11.1	16.7



#11
Acenaphthene
Concen: 0.363 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:	153	Resp:	17210
Ion Ratio	Lower	Upper	
153	100		
152	51.2	42.9	64.3
154	87.9	69.4	104.0

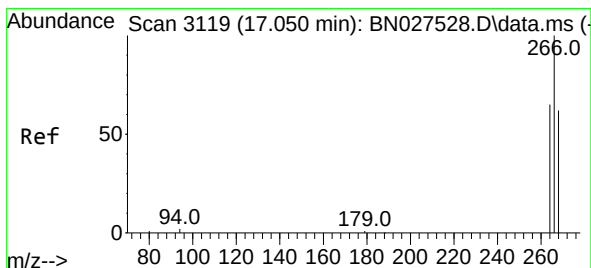
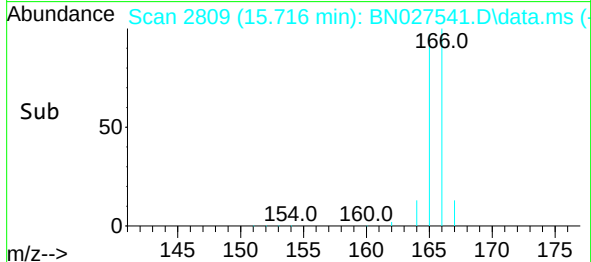
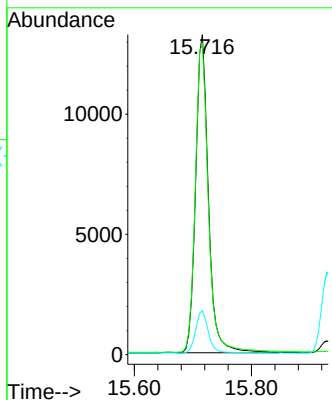
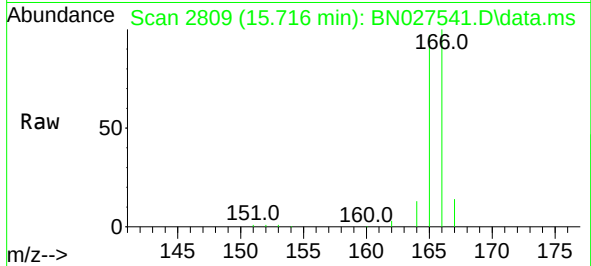




#12
 Fluorene
 Concen: 0.378 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. -0.009 min
 Lab File: BN027541.D
 Acq: 10 Sep 2023 15:25

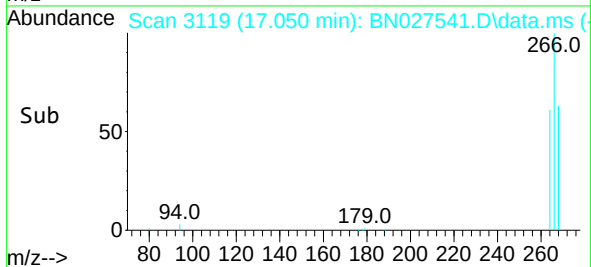
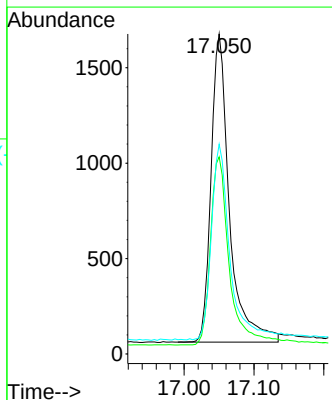
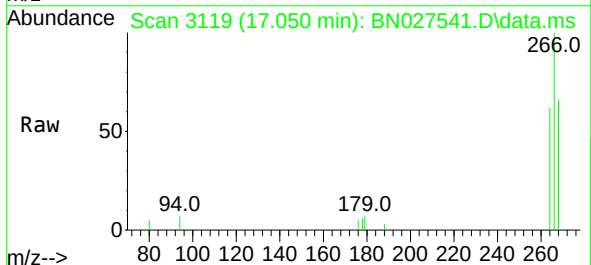
Instrument :
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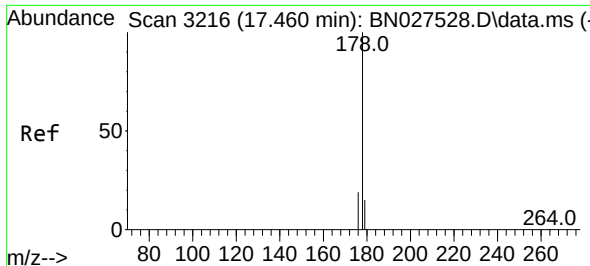
Tgt Ion:166 Resp: 20096
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.6 119.4
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.567 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. -0.009 min
 Lab File: BN027541.D
 Acq: 10 Sep 2023 15:25

Tgt Ion:266 Resp: 2950
 Ion Ratio Lower Upper
 266 100
 264 62.2 50.4 75.6
 268 64.4 51.9 77.9

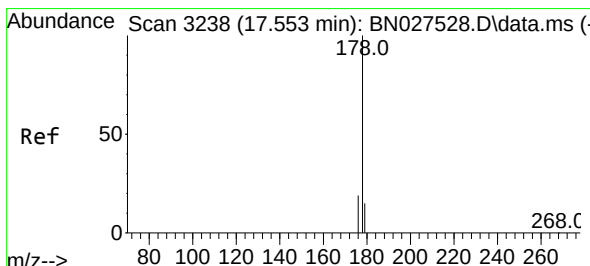
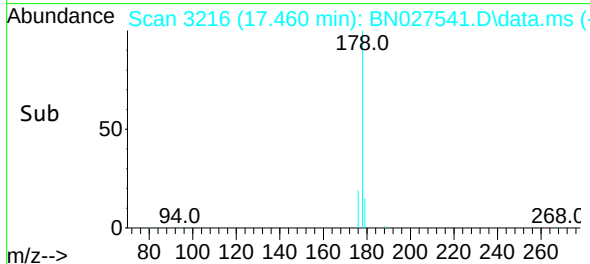
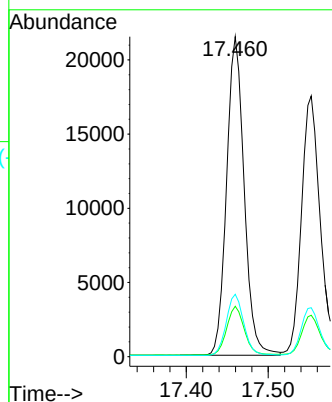
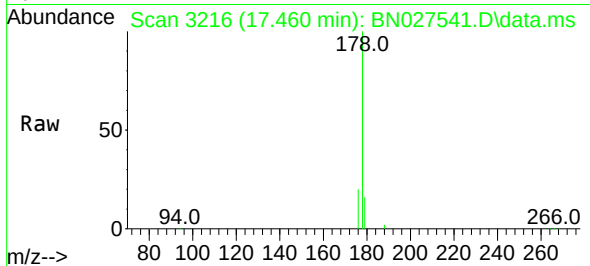




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

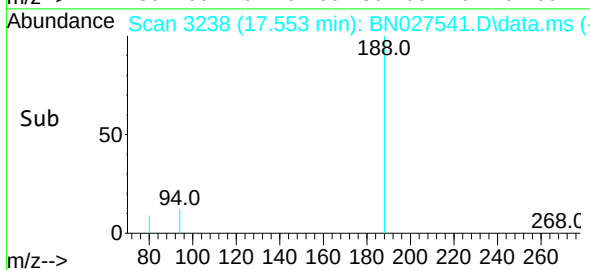
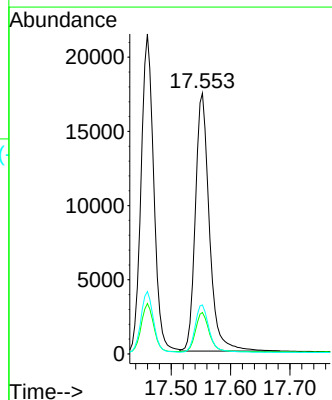
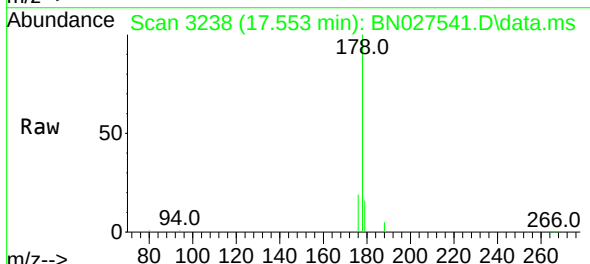
Instrument :
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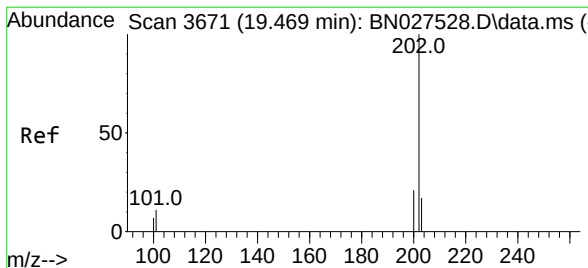
Tgt Ion:178 Resp: 31916
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:178 Resp: 28425
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.8 15.6 23.4





#19

Fluoranthene

Concen: 0.423 ng/ul

RT: 19.469 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN027541.D

Acq: 10 Sep 2023 15:25

Instrument :

BNA_N

ClientSampleId :

SLCS307

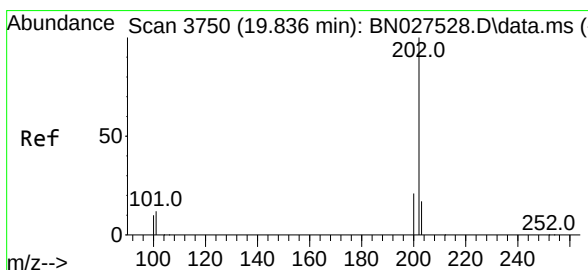
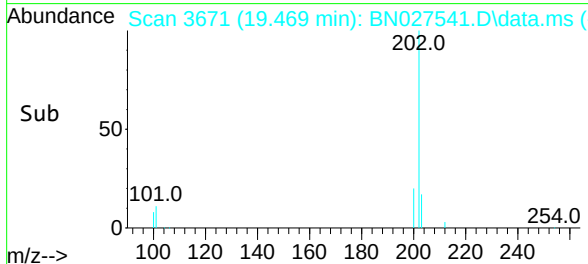
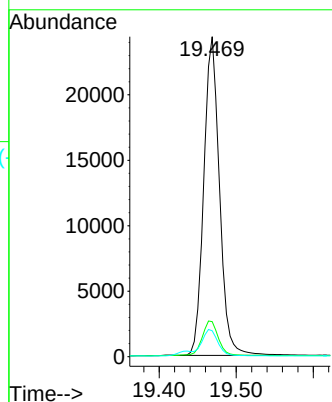
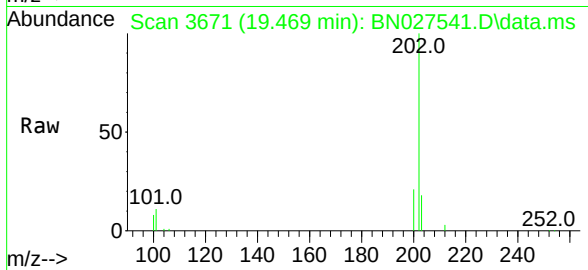
Tgt Ion:202 Resp: 34541

Ion Ratio Lower Upper

202 100

101 10.9 9.4 14.0

100 8.1 6.9 10.3



#20

Pyrene

Concen: 0.430 ng/ul

RT: 19.831 min Scan# 3749

Delta R.T. -0.009 min

Lab File: BN027541.D

Acq: 10 Sep 2023 15:25

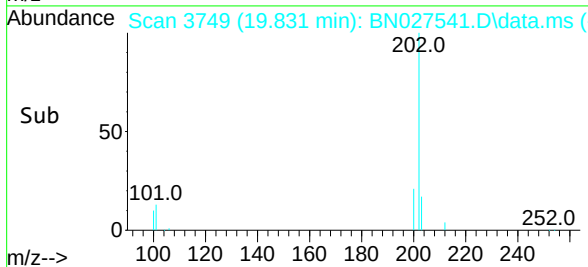
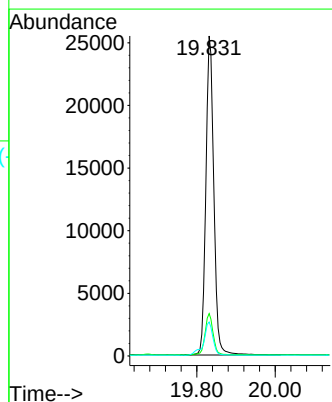
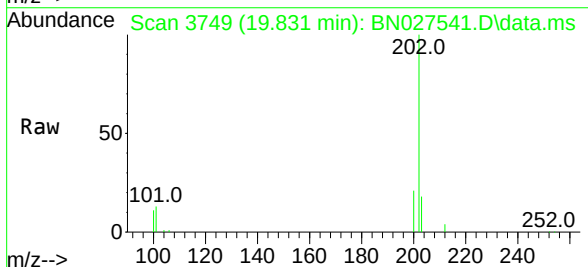
Tgt Ion:202 Resp: 35776

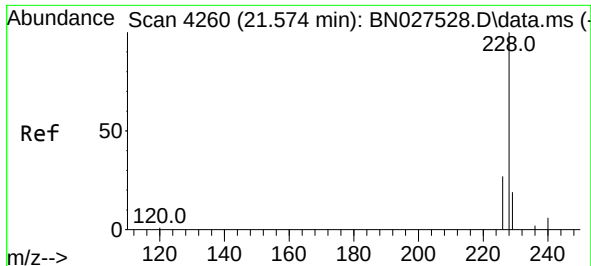
Ion Ratio Lower Upper

202 100

101 13.3 11.4 17.2

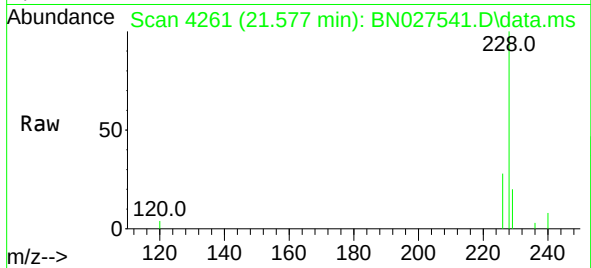
100 10.6 9.4 14.2



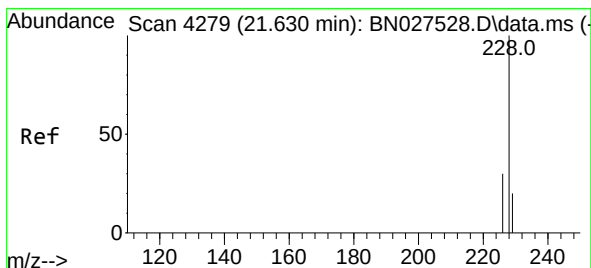
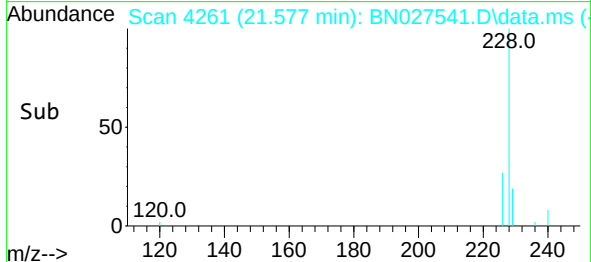
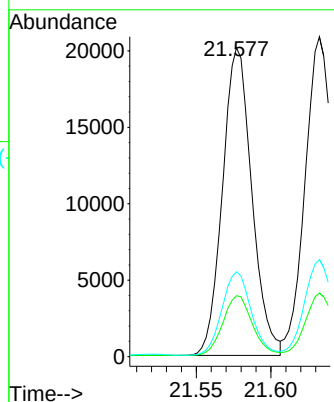


#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. -0.003 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Instrument :
BNA_N
ClientSampleId :
SLCS307

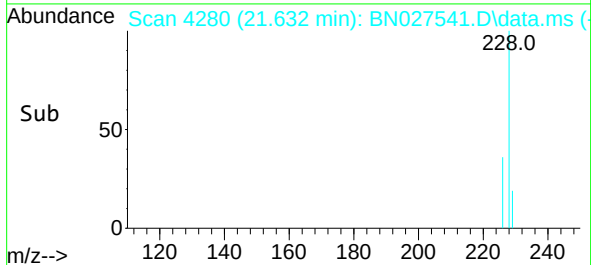
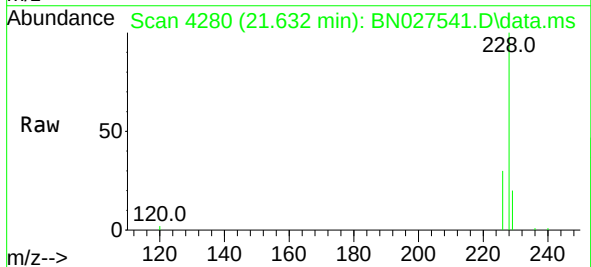
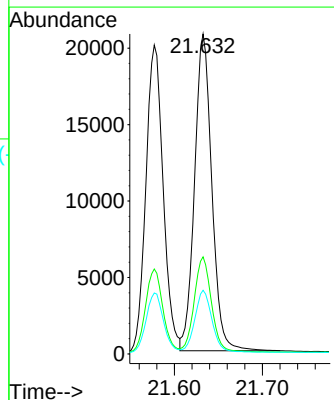


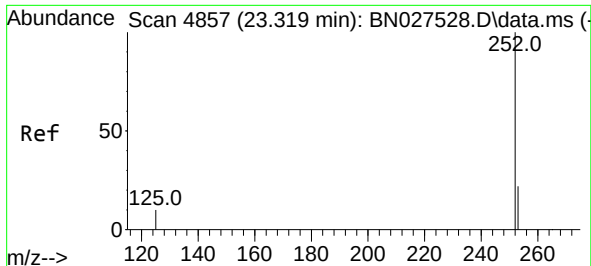
Tgt Ion:228 Resp: 27495
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:228 Resp: 28271
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.9 15.6 23.4

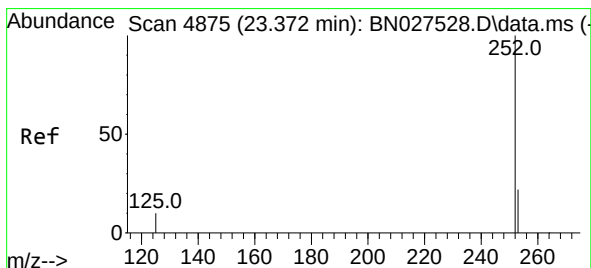
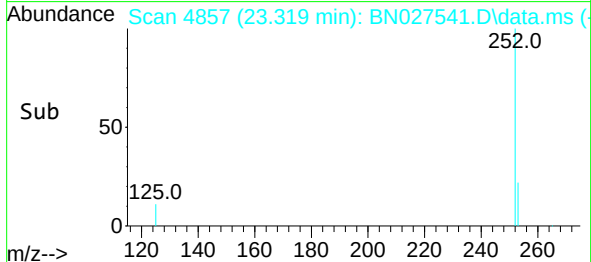
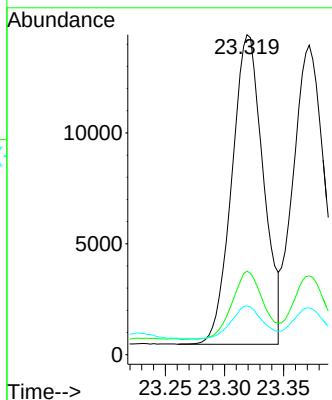
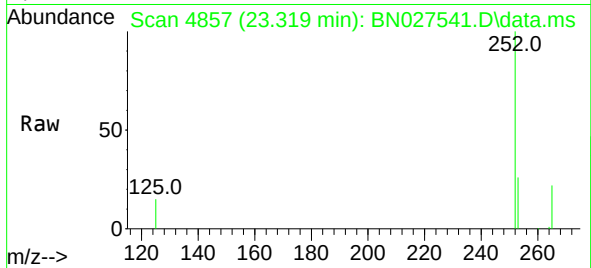




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

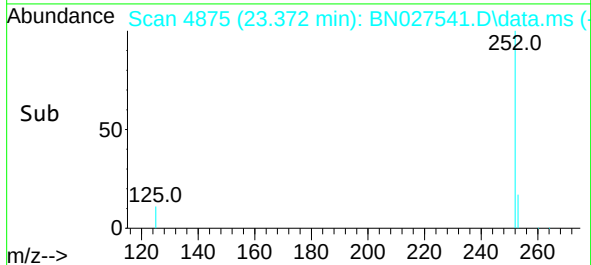
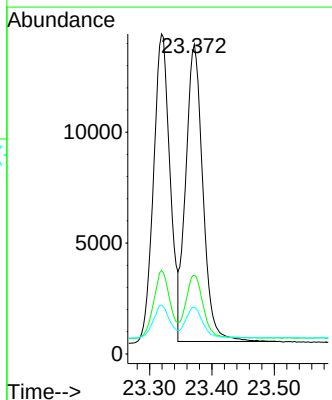
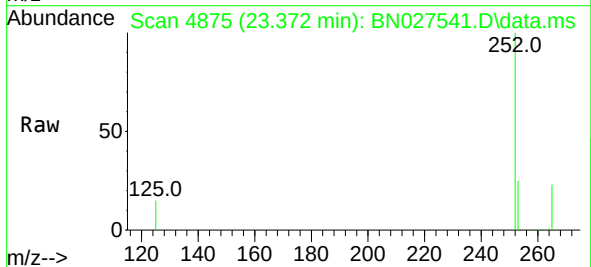
Instrument :
BNA_N
ClientSampleId :
SLCS307

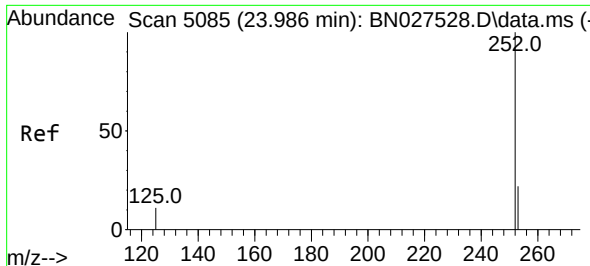
Tgt Ion:252 Resp: 25836
Ion Ratio Lower Upper
252 100
253 26.1 0.0 49.6
125 15.2 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:252 Resp: 25569
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 15.1 13.6 20.4

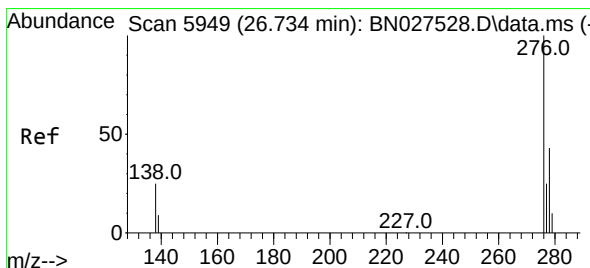
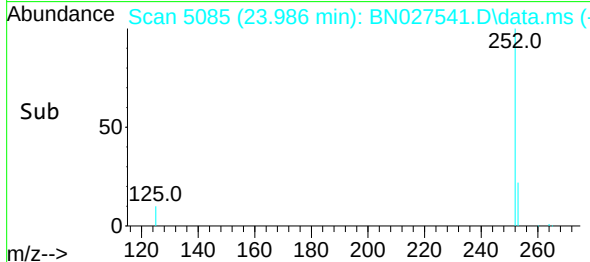
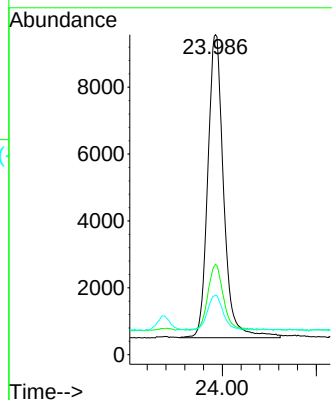
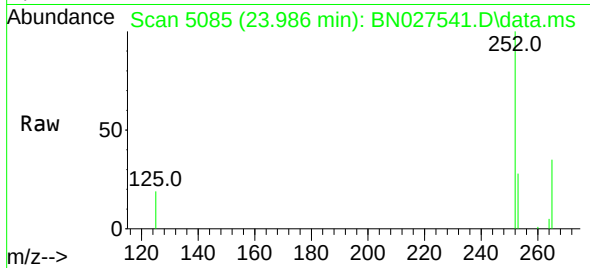




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. -0.009 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

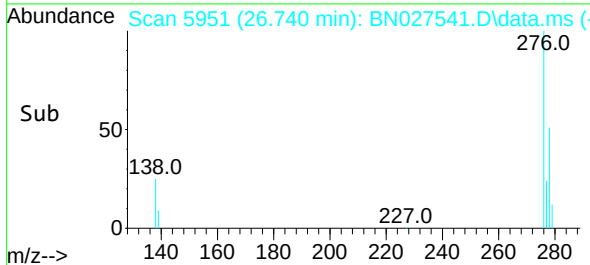
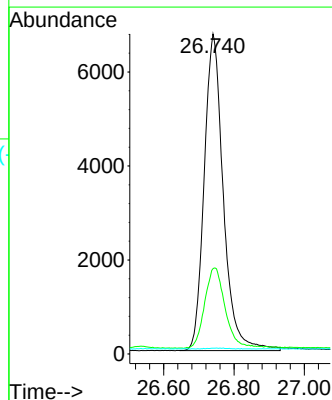
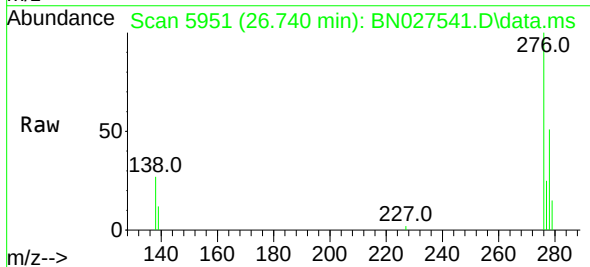
Instrument :
BNA_N
ClientSampleId :
SLCS307

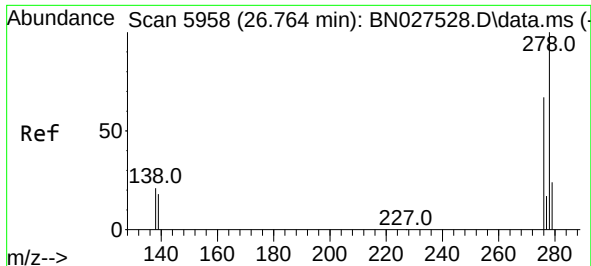
Tgt Ion:252	Resp:	21206
Ion Ratio	Lower	Upper
252	100	
253	28.2	22.4 33.6
125	18.6	17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.422 ng/ul
RT: 26.740 min Scan# 5951
Delta R.T. -0.014 min
Lab File: BN027541.D
Acq: 10 Sep 2023 15:25

Tgt Ion:276	Resp:	25469
Ion Ratio	Lower	Upper
276	100	
138	27.3	23.9 35.9
227	0.0	0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.443 ng/ul

RT: 26.760 min Scan# 5958

Delta R.T. -0.017 min

Lab File: BN027541.D

Acq: 10 Sep 2023 15:25

Instrument :

BNA_N

ClientSampleId :

SLCS307

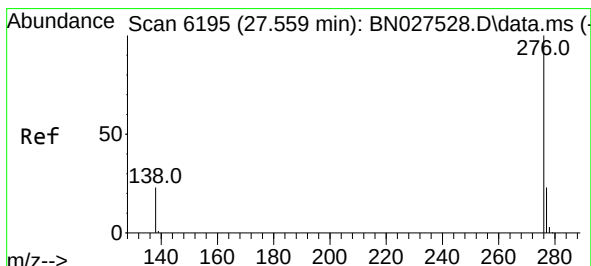
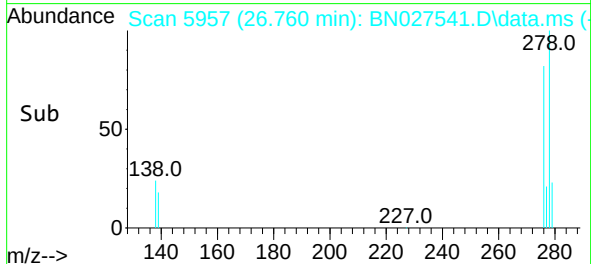
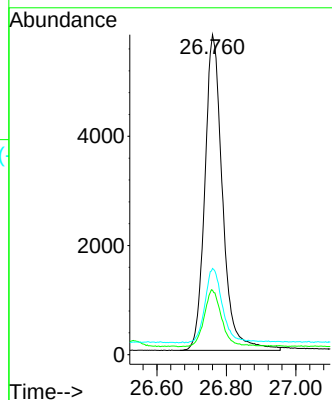
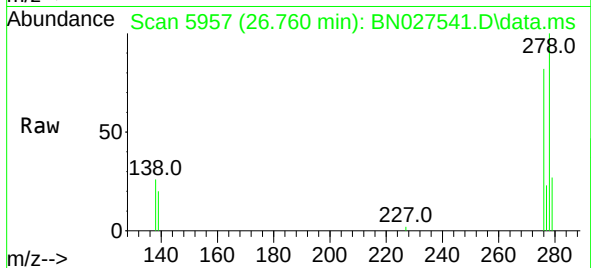
Tgt Ion:278 Resp: 20462

Ion Ratio Lower Upper

278 100

139 20.2 18.0 27.0

279 27.0 22.7 34.1



#29

Benzo(g,h,i)perylene

Concen: 0.402 ng/ul

RT: 27.562 min Scan# 6196

Delta R.T. -0.021 min

Lab File: BN027541.D

Acq: 10 Sep 2023 15:25

Tgt Ion:276 Resp: 21892

Ion Ratio Lower Upper

276 100

138 25.1 22.1 33.1

277 25.1 20.2 30.4

