

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027539.D
 Acq On : 10 Sep 2023 14:11
 Operator : MA/JU
 Sample : 04268-04MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0GH2MSD

Quant Time: Sep 11 01:19:18 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)

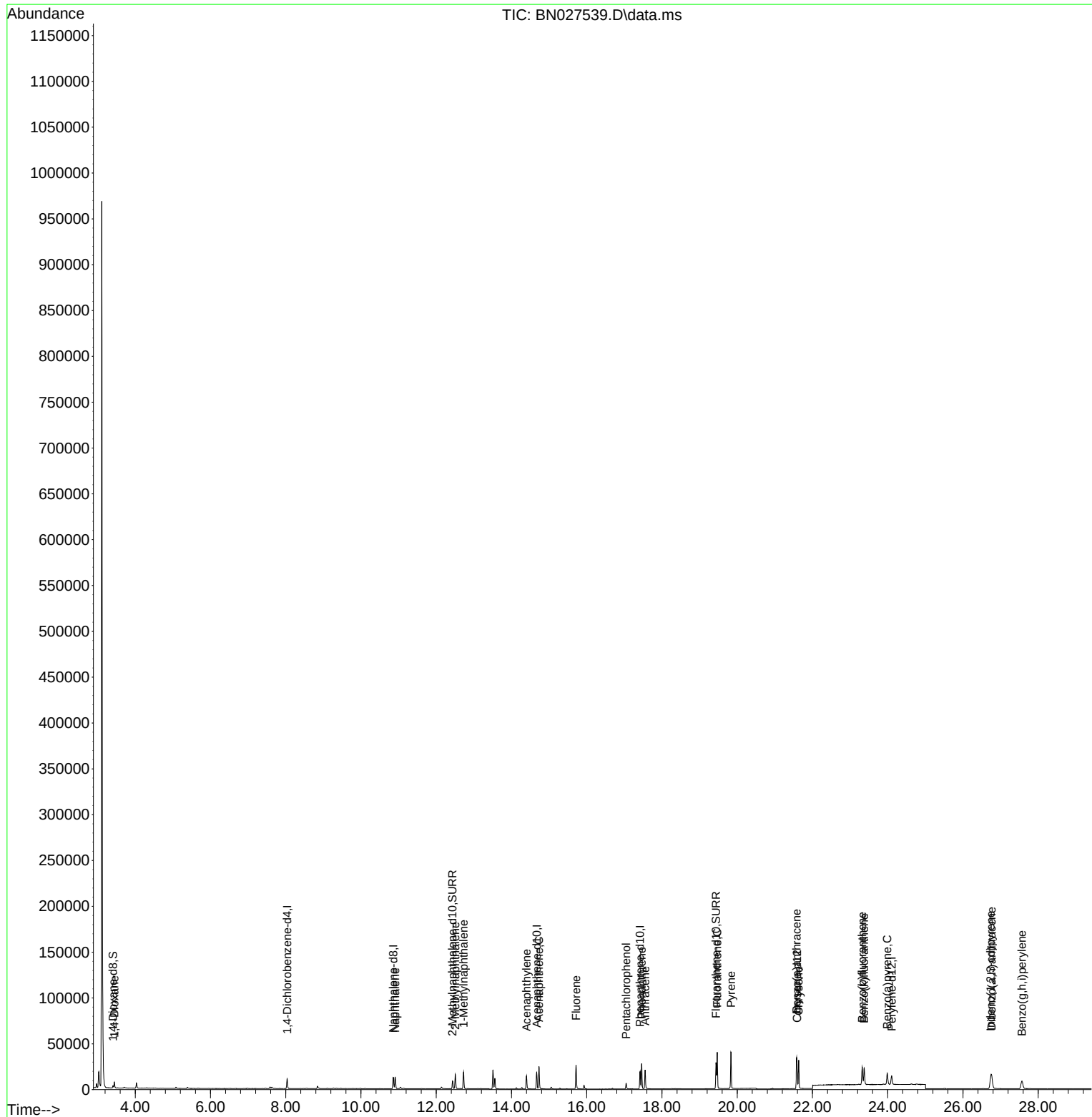
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	5418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	18262	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.671	164	10690	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23746	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	17128	0.400	ng/ul	0.00
23) Perylene-d12	24.105	264	14781	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1712	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	11162	0.403	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30357	0.517	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	4500	0.617	ng/ul#	89
5) Naphthalene	10.911	128	17384	0.328	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	11567	0.349	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	12671	0.359	ng/ul	100
10) Acenaphthylene	14.398	152	17918	0.366	ng/ul	99
11) Acenaphthene	14.731	153	14571	0.346	ng/ul	97
12) Fluorene	15.716	166	17516	0.371	ng/ul	98
14) Pentachlorophenol	17.046	266	4428	0.956	ng/ul	99
15) Phenanthrene	17.459	178	29991	0.388	ng/ul	100
16) Anthracene	17.552	178	24196	0.393	ng/ul	99
19) Fluoranthene	19.468	202	33970	0.431	ng/ul	99
20) Pyrene	19.836	202	34530	0.431	ng/ul	95
21) Benzo(a)anthracene	21.577	228	28037	0.454	ng/ul	99
22) Chrysene	21.632	228	28182	0.391	ng/ul	99
24) Benzo(b)fluoranthene	23.322	252	26167	0.375	ng/ul	98
25) Benzo(k)fluoranthene	23.374	252	26072	0.382	ng/ul	97
26) Benzo(a)pyrene	23.988	252	20004	0.367	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.740	276	24920	0.412	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.760	278	20142	0.435	ng/ul	98
29) Benzo(g,h,i)perylene	27.568	276	21085	0.386	ng/ul	97

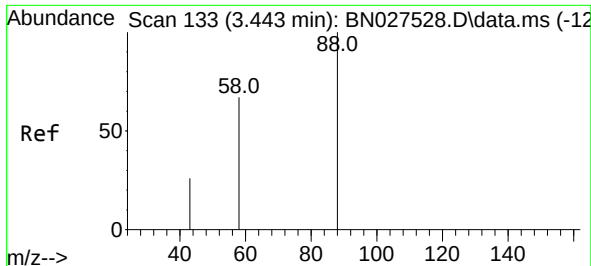
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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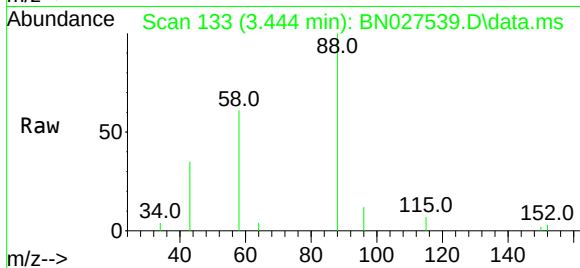
Quant Time: Sep 11 01:19:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
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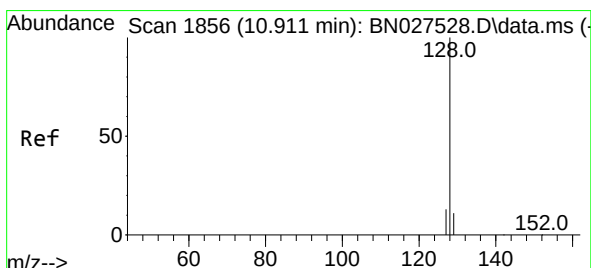
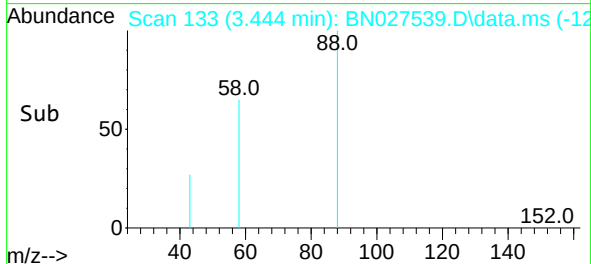
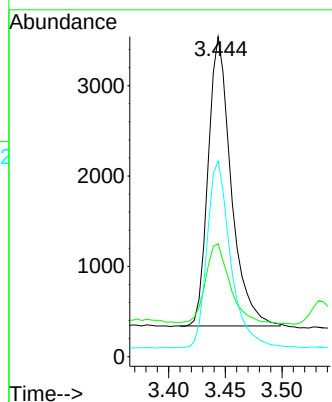


#2
1,4-Dioxane
Concen: 0.617 ng/ul
RT: 3.444 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

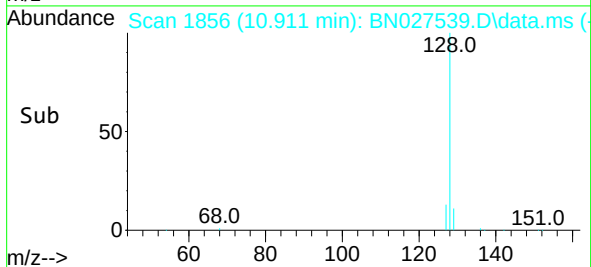
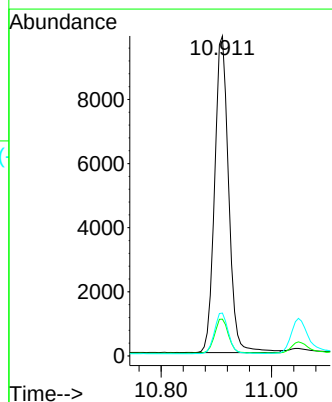
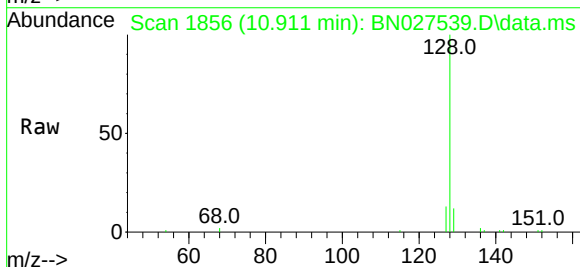


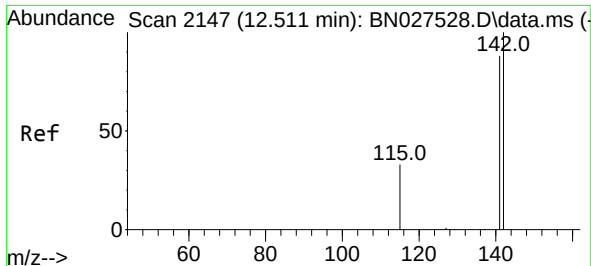
Tgt Ion: 88 Resp: 4500
Ion Ratio Lower Upper
88 100
43 35.3 26.8 40.2
58 61.2 39.9 59.9#



#5
Naphthalene
Concen: 0.328 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion: 128 Resp: 17384
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.4 10.6 16.0

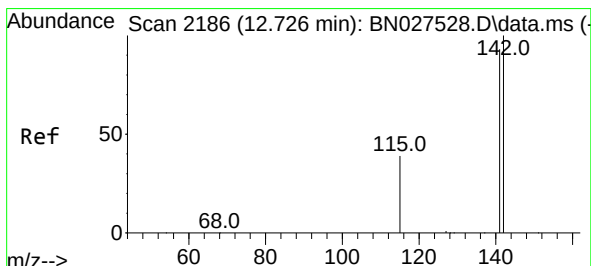
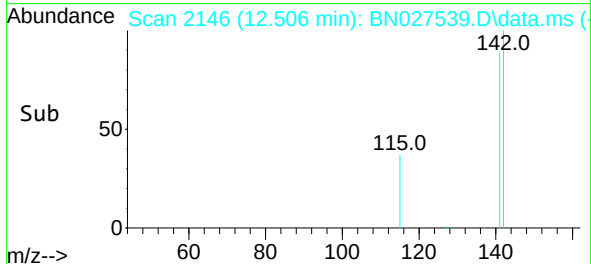
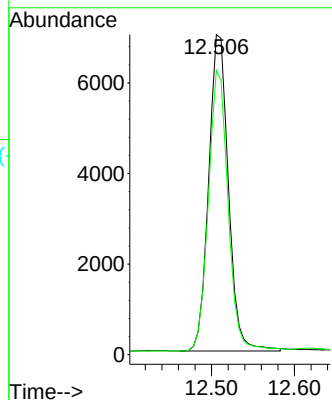
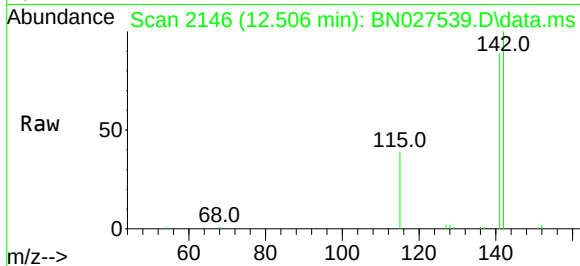




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.016 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

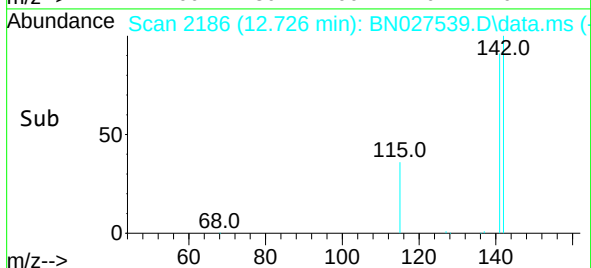
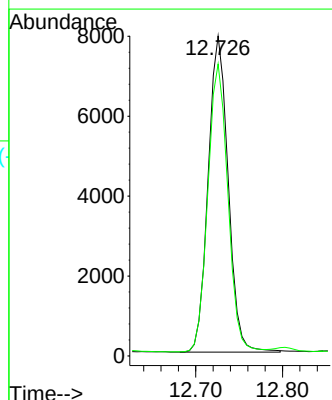
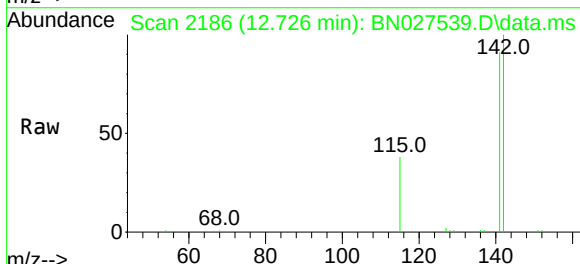
Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

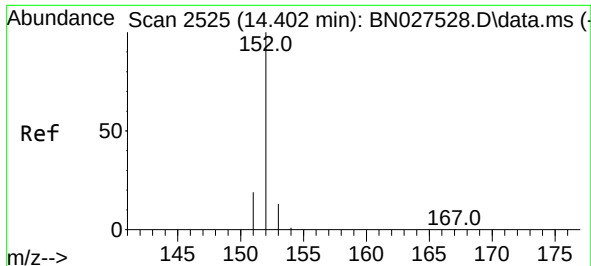
Tgt Ion:142 Resp: 11567
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:142 Resp: 12671
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4

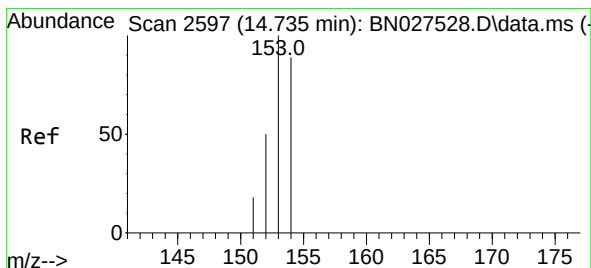
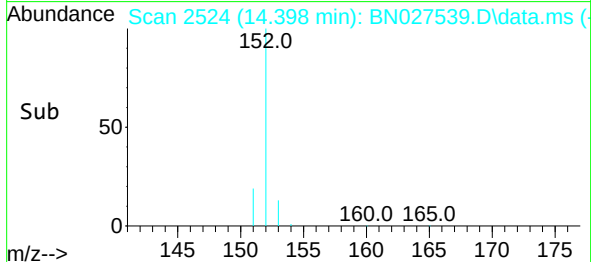
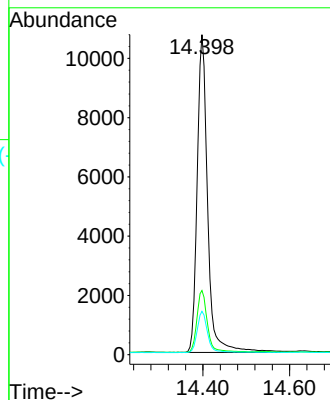
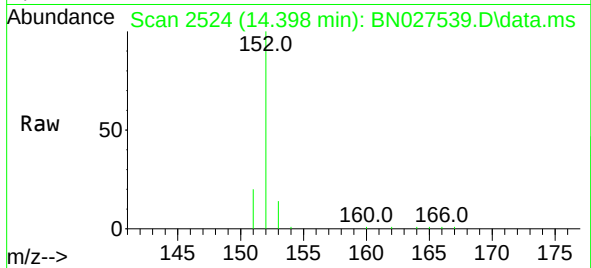




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

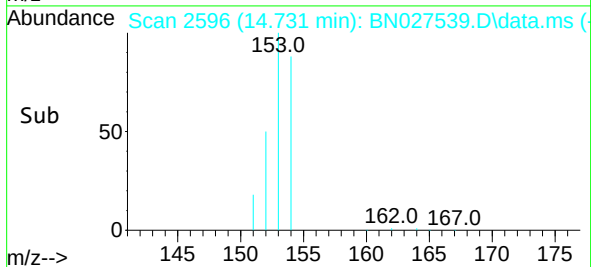
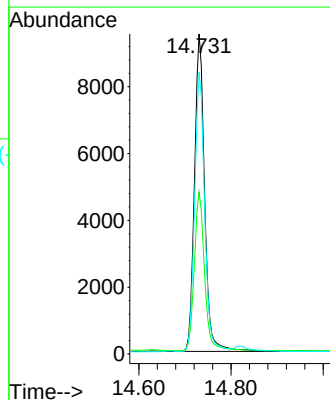
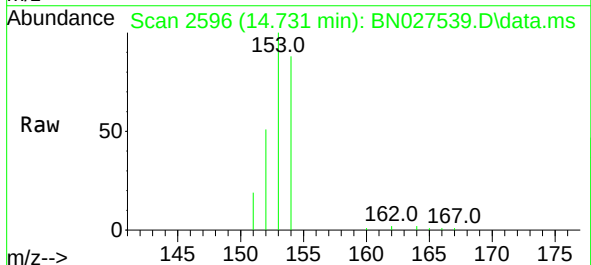
Instrument :
BNA_N
ClientSampleId :
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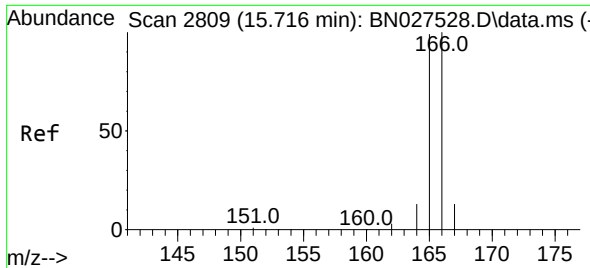
Tgt Ion:152 Resp: 17918
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.346 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:153 Resp: 14571
Ion Ratio Lower Upper
153 100
152 50.6 42.9 64.3
154 88.1 69.4 104.0

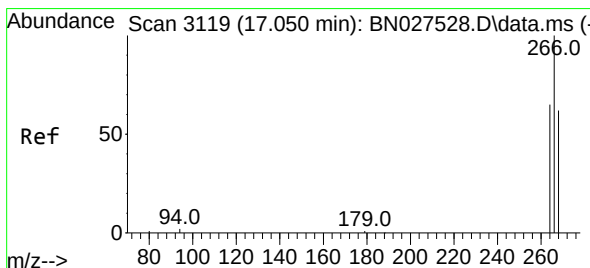
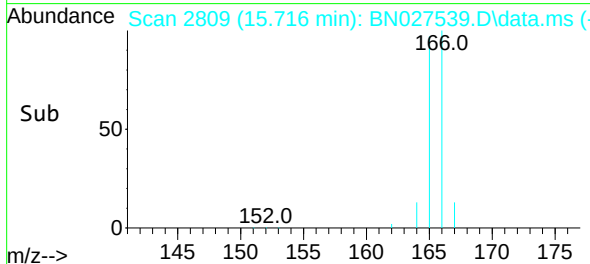
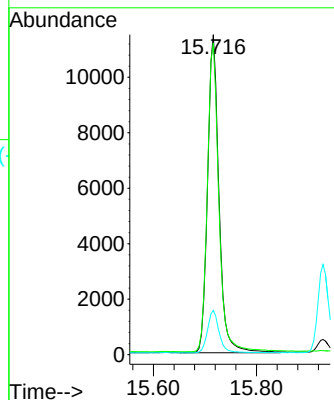
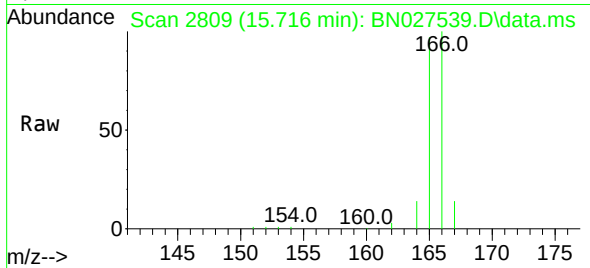




#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.716 min Scan# 2809
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

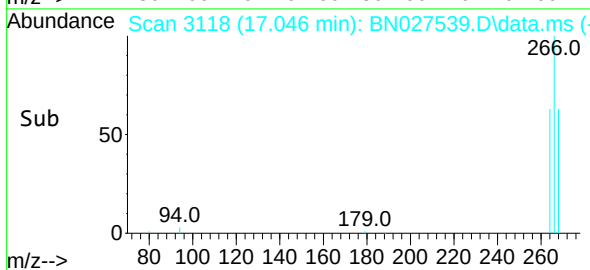
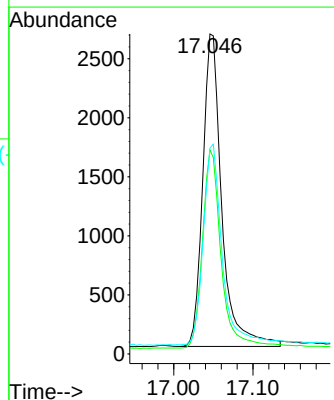
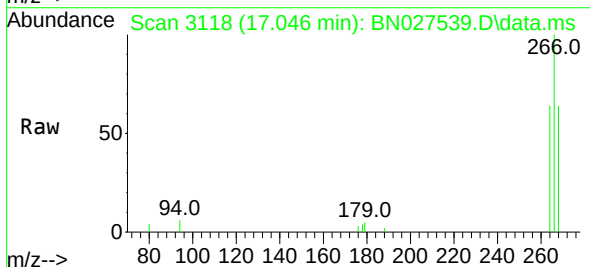
Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

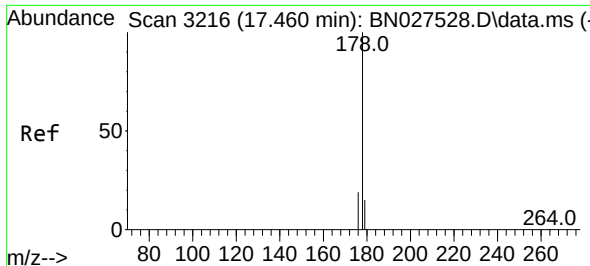
Tgt Ion:166 Resp: 17516
Ion Ratio Lower Upper
166 100
165 97.4 79.6 119.4
167 13.9 11.4 17.0



#14
Pentachlorophenol
Concen: 0.956 ng/ul
RT: 17.046 min Scan# 3118
Delta R.T. -0.013 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:266 Resp: 4428
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 64.4 51.9 77.9

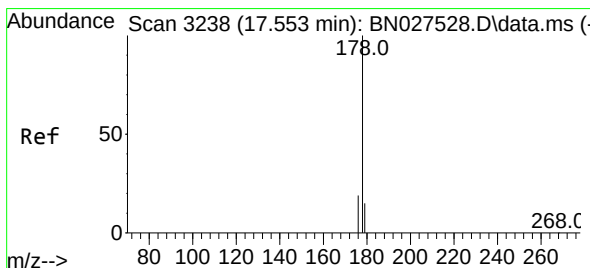
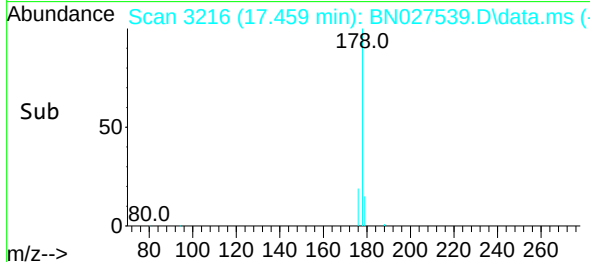
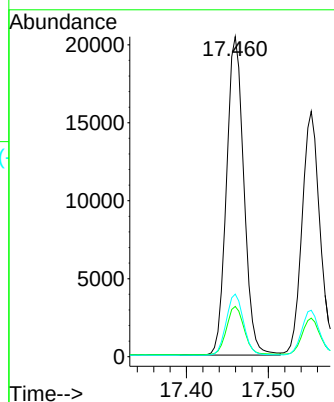
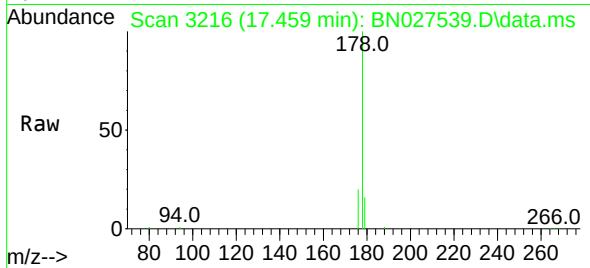




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.459 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

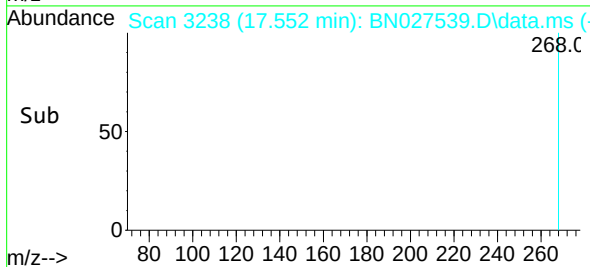
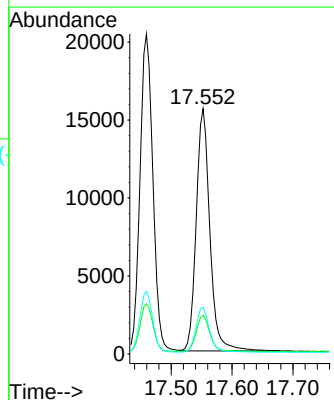
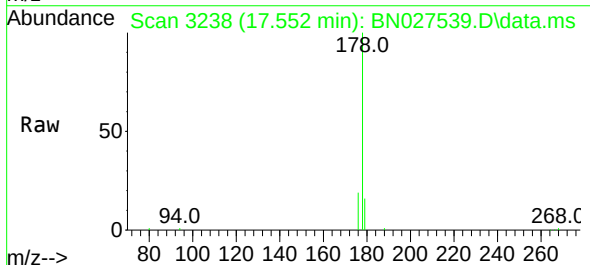
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BNA_N
ClientSampleId :
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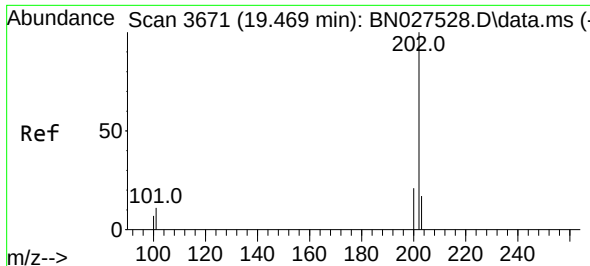
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.5	15.8	23.8



#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.552 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	18.9	15.6	23.4

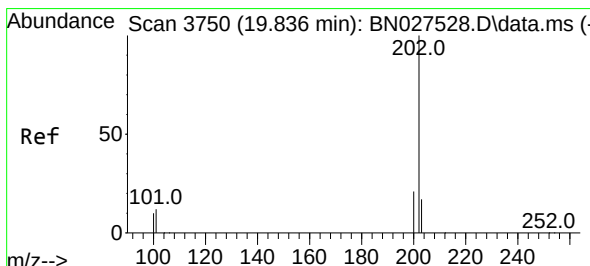
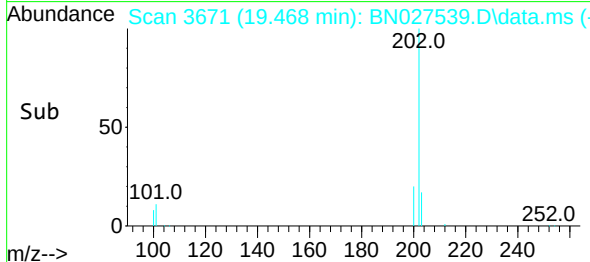
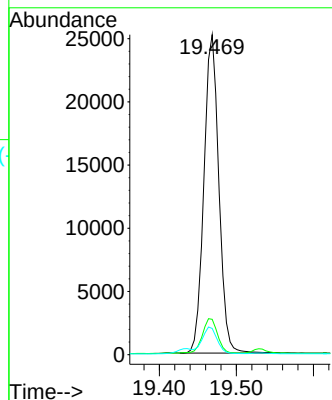
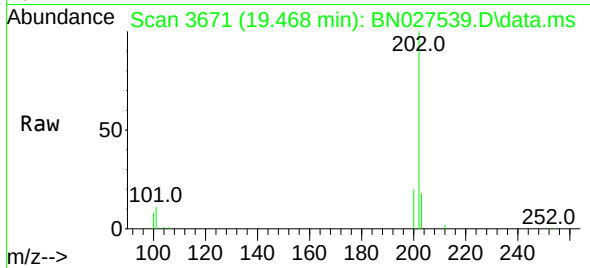




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.468 min Scan# 3671
Delta R.T. -0.010 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

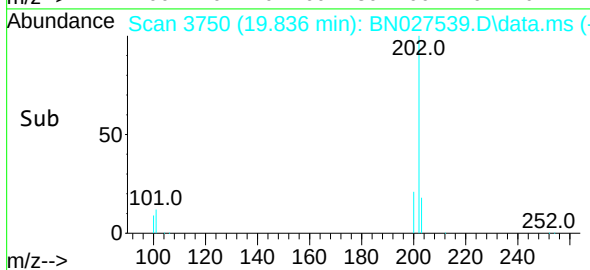
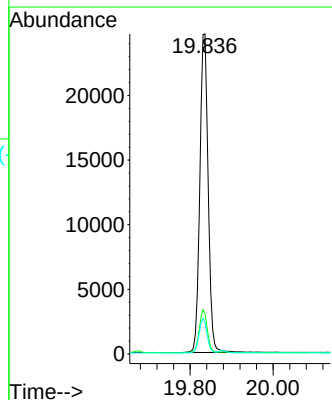
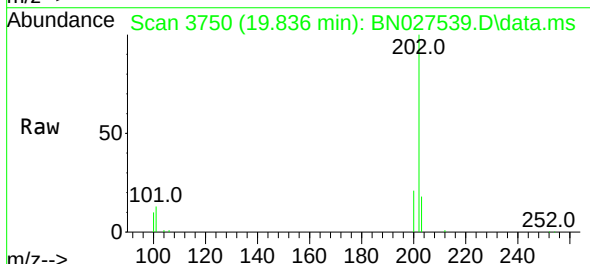
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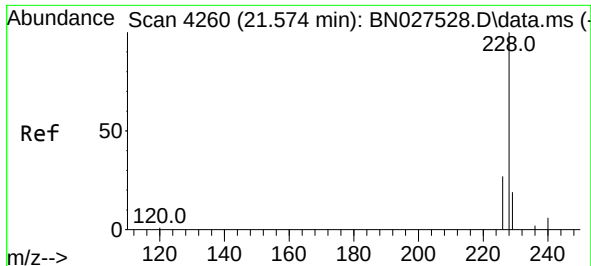
Tgt Ion:202 Resp: 33970
Ion Ratio Lower Upper
202 100
101 11.1 9.4 14.0
100 8.2 6.9 10.3



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:202 Resp: 34530
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.2
100 9.7 9.4 14.2

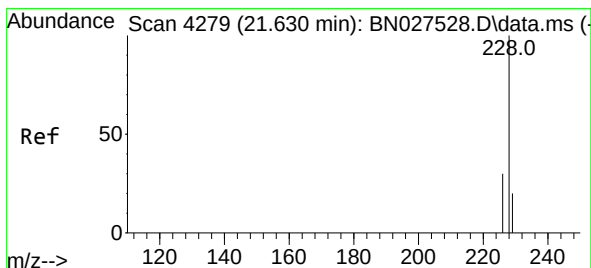
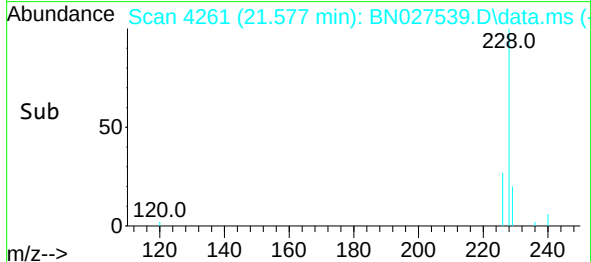
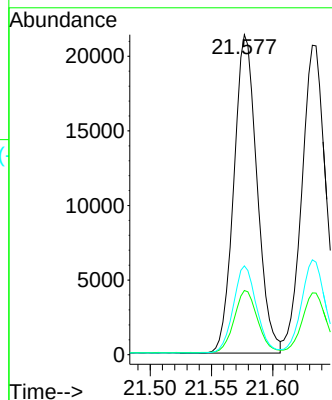
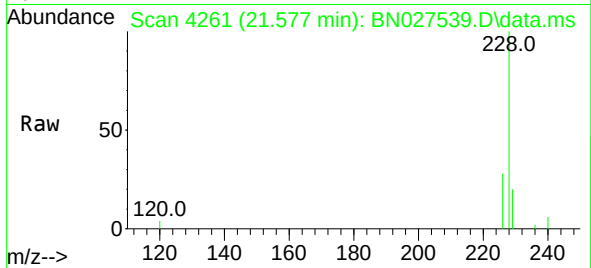




#21
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

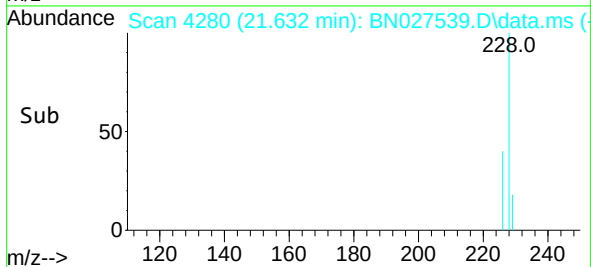
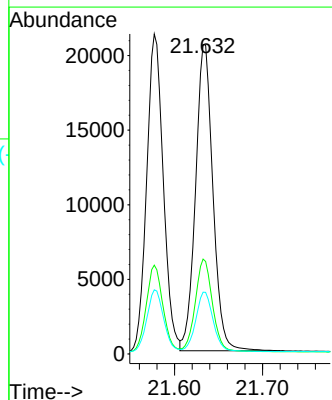
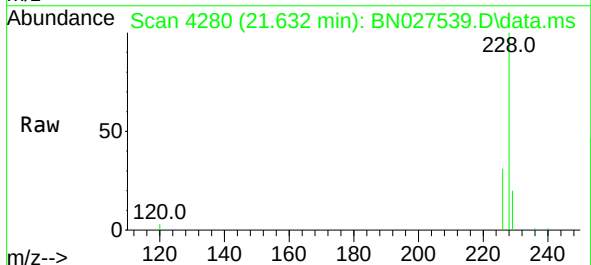
Instrument :
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ClientSampleId :
H0GH2MSD

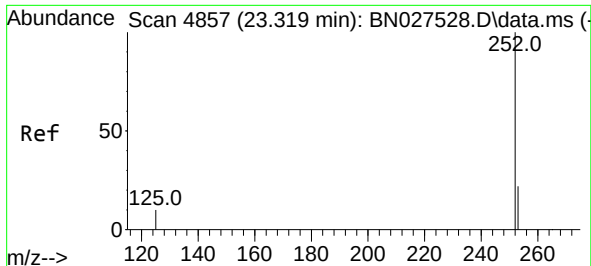
Tgt Ion:228 Resp: 28037
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.7 22.0 33.0



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:228 Resp: 28182
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.6 23.4

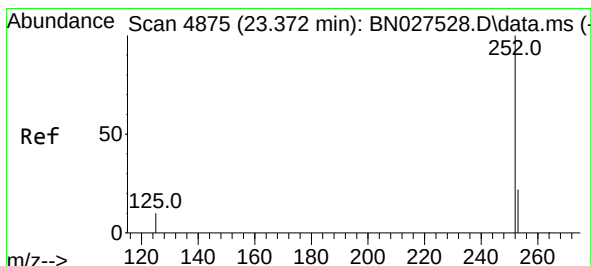
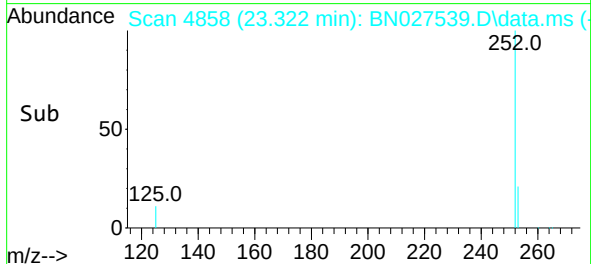
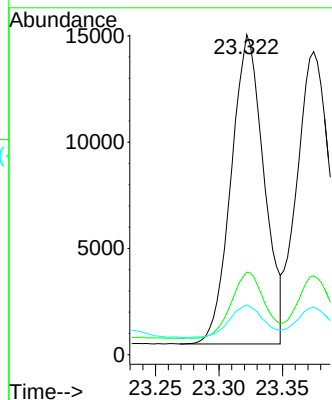
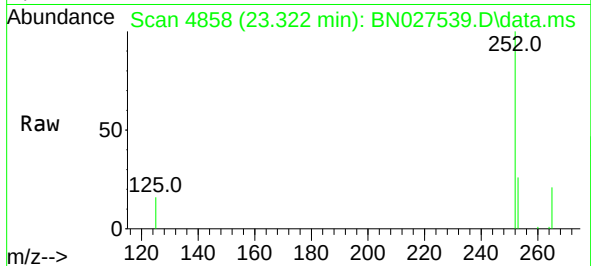




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.322 min Scan# 4858
Delta R.T. -0.006 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

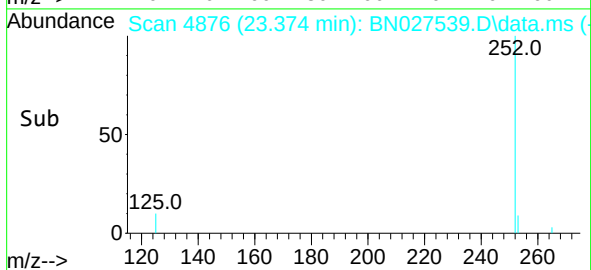
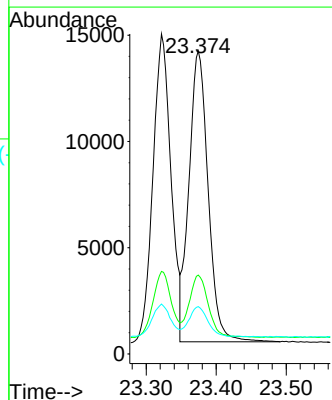
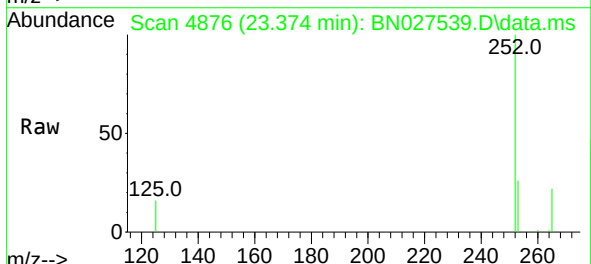
Instrument :
BNA_N
ClientSampleId :
H0GH2MSD

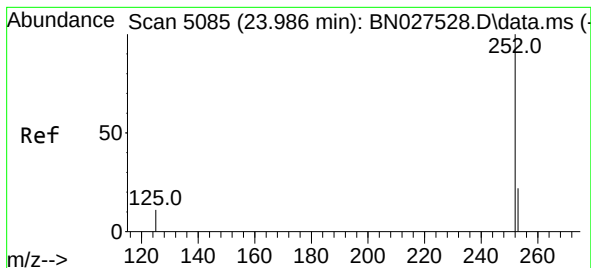
Tgt Ion:252 Resp: 26167
Ion Ratio Lower Upper
252 100
253 25.8 0.0 49.6
125 15.6 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.374 min Scan# 4876
Delta R.T. -0.003 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:252 Resp: 26072
Ion Ratio Lower Upper
252 100
253 26.0 19.9 29.9
125 15.6 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.367 ng/ul

RT: 23.988 min Scan# 5085

Delta R.T. -0.006 min

Lab File: BN027539.D

Acq: 10 Sep 2023 14:11

Instrument :

BNA_N

ClientSampleId :

H0GH2MSD

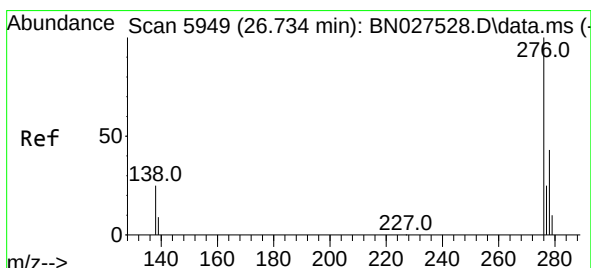
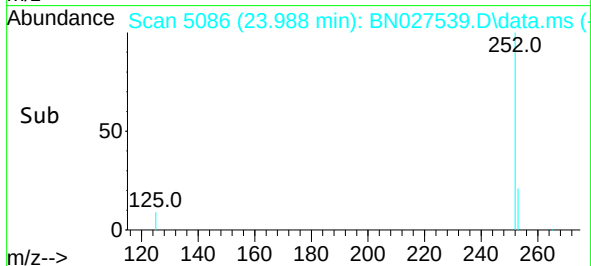
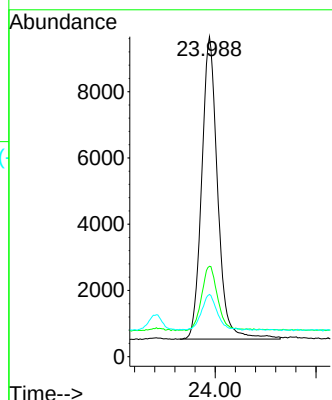
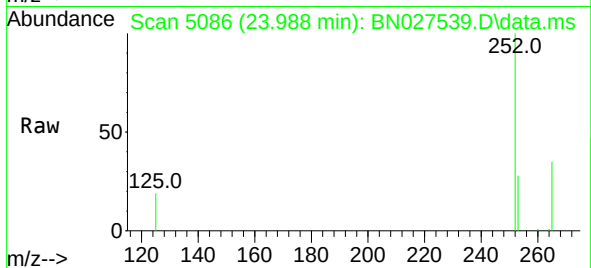
Tgt Ion:252 Resp: 20004

Ion Ratio Lower Upper

252 100

253 28.3 22.4 33.6

125 19.4 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 26.740 min Scan# 5951

Delta R.T. -0.014 min

Lab File: BN027539.D

Acq: 10 Sep 2023 14:11

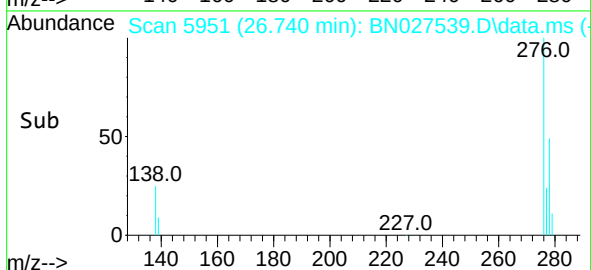
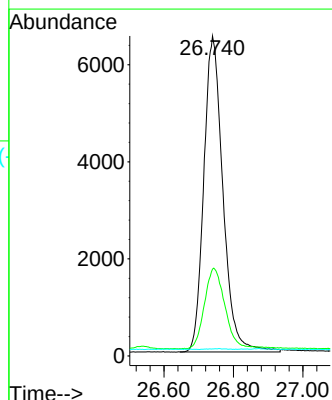
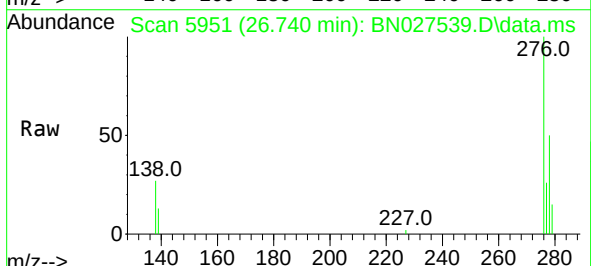
Tgt Ion:276 Resp: 24920

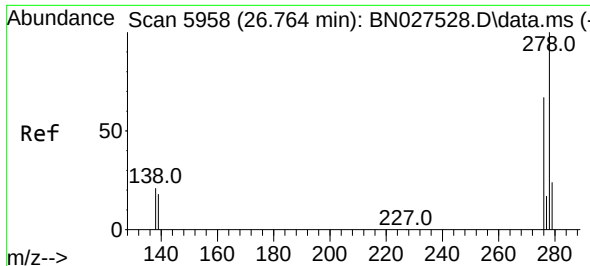
Ion Ratio Lower Upper

276 100

138 27.6 23.9 35.9

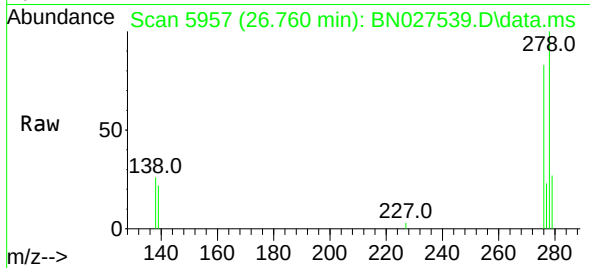
227 0.0 0.1 0.1#



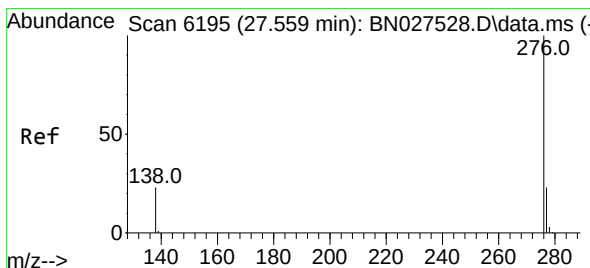
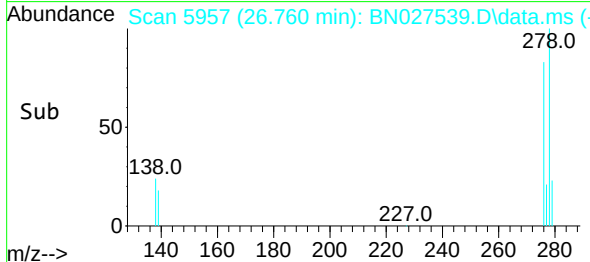
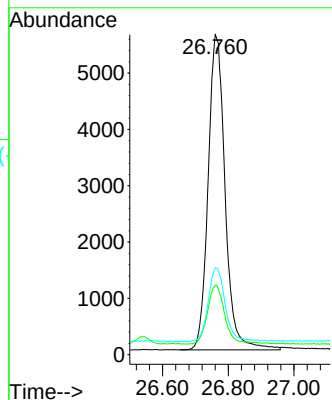


#28
Dibenzo(a,h)anthracene
Concen: 0.435 ng/ul
RT: 26.760 min Scan# 5958
Delta R.T. -0.018 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Instrument :
BNA_N
ClientSampleId :
H0GH2MSD



Tgt Ion:278 Resp: 20142
Ion Ratio Lower Upper
278 100
139 21.8 18.0 27.0
279 27.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.386 ng/ul
RT: 27.568 min Scan# 6198
Delta R.T. -0.014 min
Lab File: BN027539.D
Acq: 10 Sep 2023 14:11

Tgt Ion:276 Resp: 21085
Ion Ratio Lower Upper
276 100
138 25.1 22.1 33.1
277 25.6 20.2 30.4

