

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027365.D
 Acq On : 02 Sep 2023 05:37
 Operator : MA/JU
 Sample : SSTD3.230
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2249

Quant Time: Sep 02 06:11:47 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 : Sat Sep 02 06:08:27 2023
 Response via : Initial Calibration

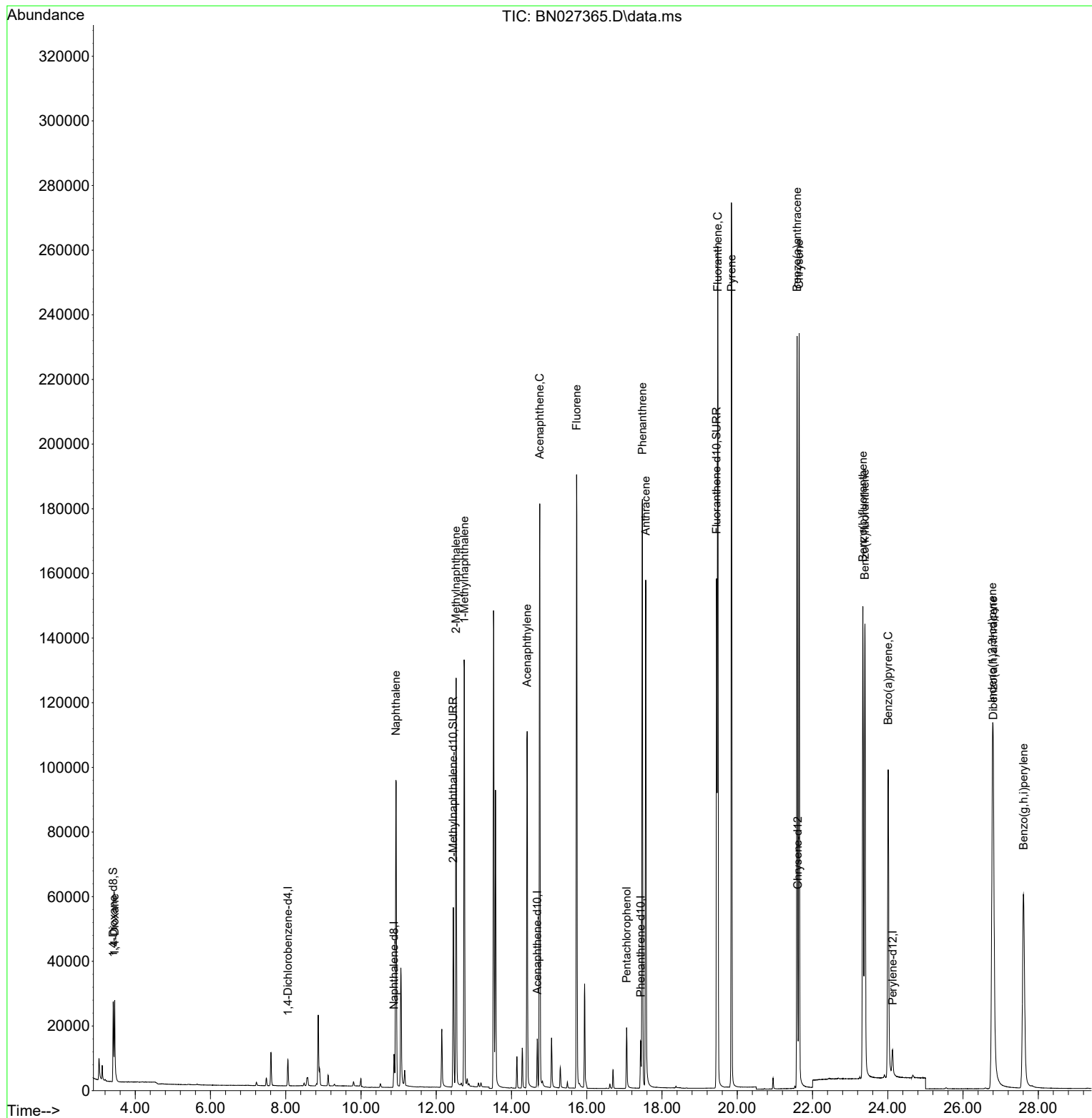
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4157	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	13986	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	8206	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.435	188	17660	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	15492	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	12053	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	17389	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	72981	3.546	ng/ul	0.00
18) Fluoranthene-d10	19.450	212	166143	3.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	17932	3.559	ng/ul#	84
5) Naphthalene	10.927	128	135439	3.427	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	88258	3.687	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	89634	3.577	ng/ul	100
10) Acenaphthylene	14.416	152	130639	2.842	ng/ul	98
11) Acenaphthene	14.749	153	104789	3.294	ng/ul	97
12) Fluorene	15.730	166	123095	3.420	ng/ul	99
14) Pentachlorophenol	17.059	266	13177	2.637	ng/ul	99
15) Phenanthrene	17.477	178	195519	3.370	ng/ul	99
16) Anthracene	17.565	178	176657	3.369	ng/ul	98
19) Fluoranthene	19.483	202	227720	3.539	ng/ul	99
20) Pyrene	19.845	202	227336	3.311	ng/ul	99
21) Benzo(a)anthracene	21.589	228	203966	3.310	ng/ul	100
22) Chrysene	21.644	228	208012	3.420	ng/ul	100
24) Benzo(b)fluoranthene	23.337	252	203667	4.467	ng/ul	92
25) Benzo(k)fluoranthene	23.392	252	198533	4.415	ng/ul#	92
26) Benzo(a)pyrene	24.009	252	162091	3.940	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.781	276	189763	3.526	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.808	278	148044	3.451	ng/ul	92
29) Benzo(g,h,i)perylene	27.606	276	160396	3.580	ng/ul	97

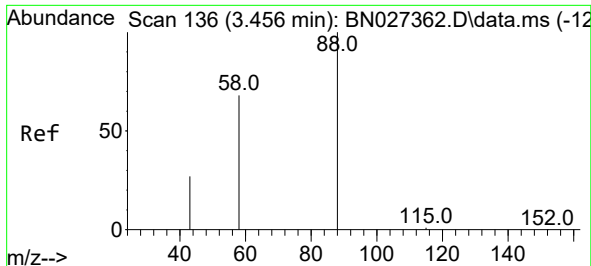
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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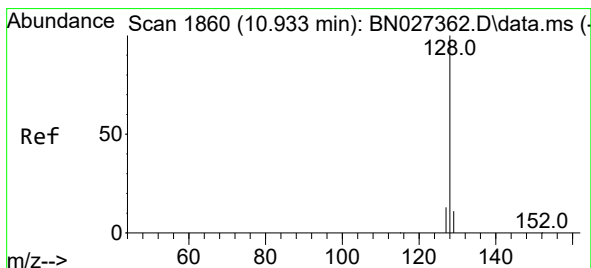
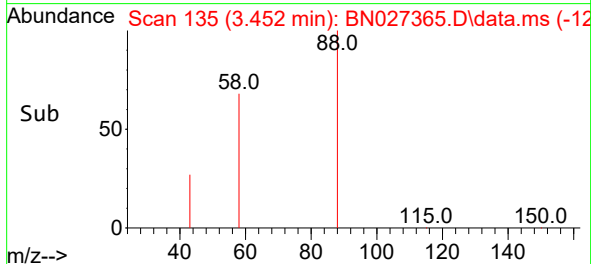
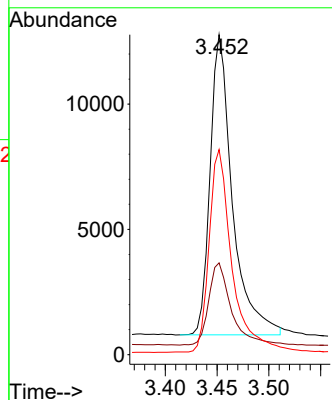
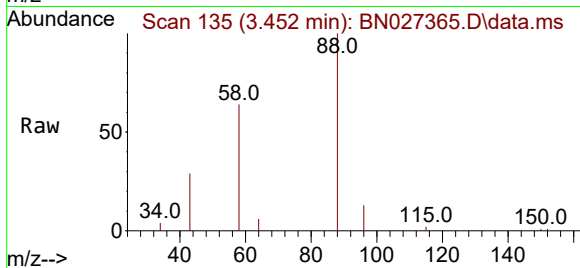




#2
1,4-Dioxane
Concen: 3.559 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

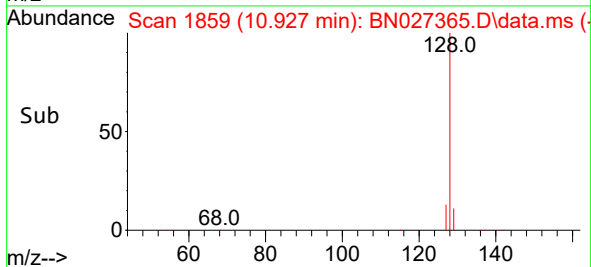
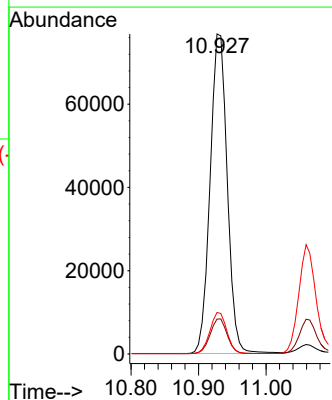
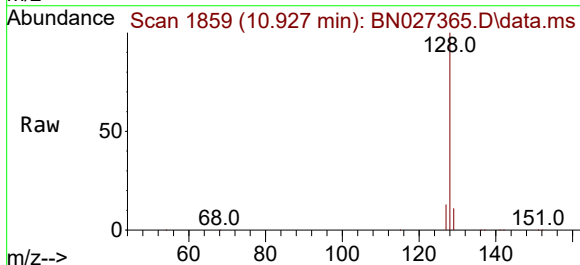
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

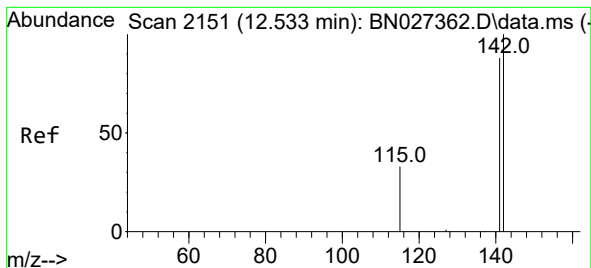
Tgt Ion: 88 Resp: 17932
Ion Ratio Lower Upper
88 100
43 28.7 26.8 40.2
58 64.1 39.9 59.9#



#5
Naphthalene
Concen: 3.427 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Tgt Ion:128 Resp: 135439
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 12.9 10.6 16.0

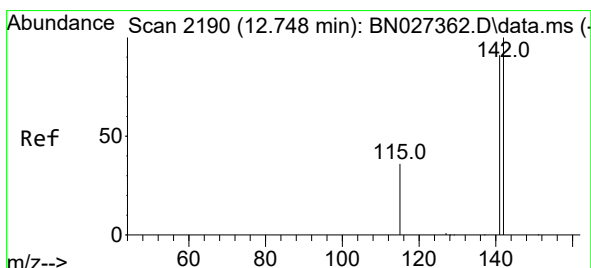
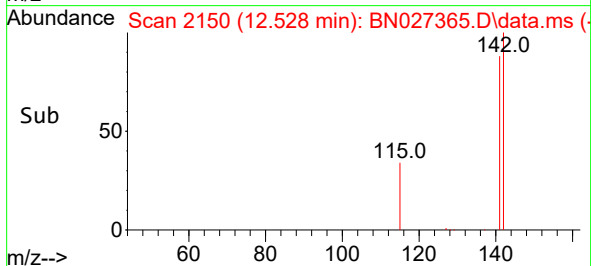
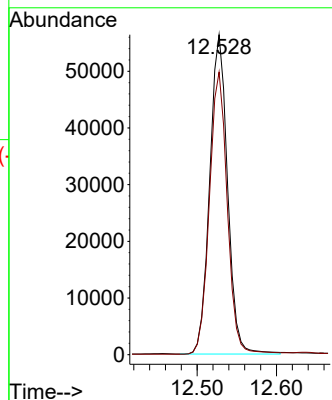
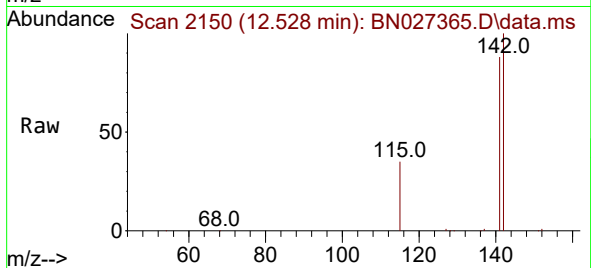




#7
2-Methylnaphthalene
Concen: 3.687 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

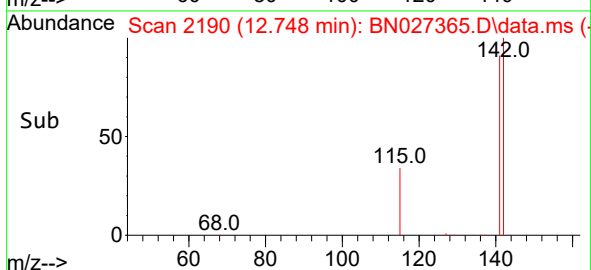
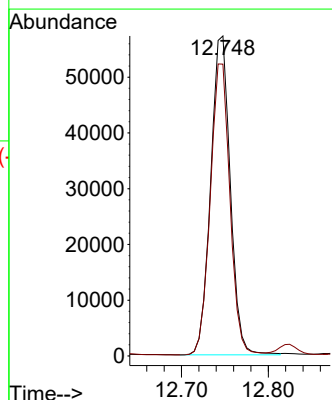
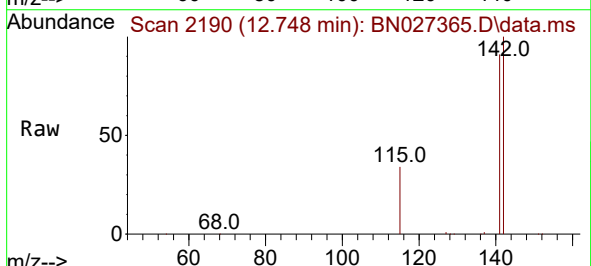
Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

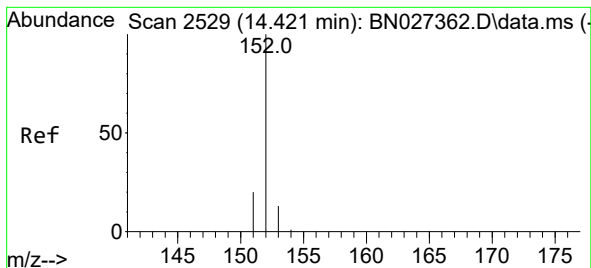
Tgt Ion:142 Resp: 88258
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 3.577 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Tgt Ion:142 Resp: 89634
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4





#10

Acenaphthylene

Concen: 2.842 ng/ul

RT: 14.416 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

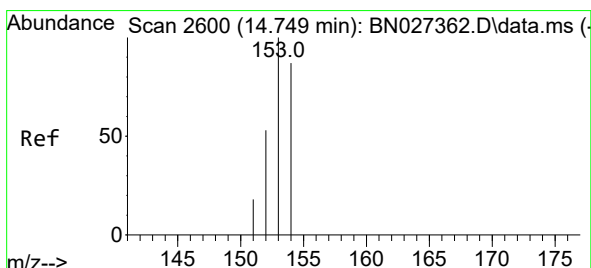
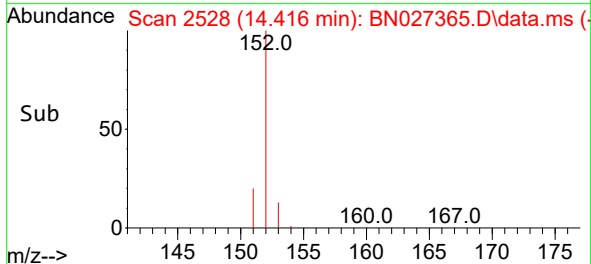
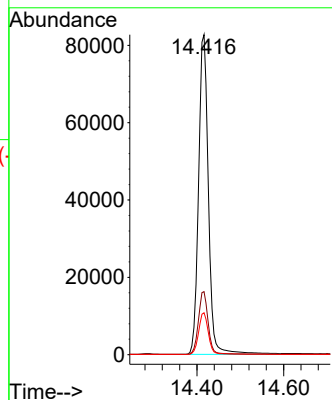
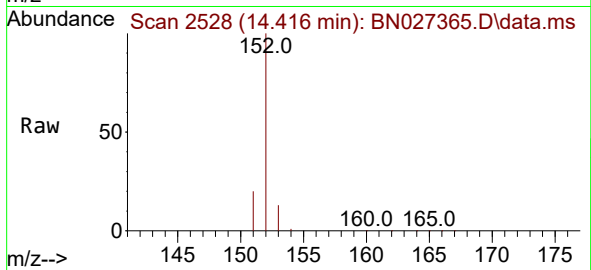
Tgt Ion:152 Resp: 130639

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

153 13.1 11.1 16.7



#11

Acenaphthene

Concen: 3.294 ng/ul

RT: 14.749 min Scan# 2600

Delta R.T. -0.000 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

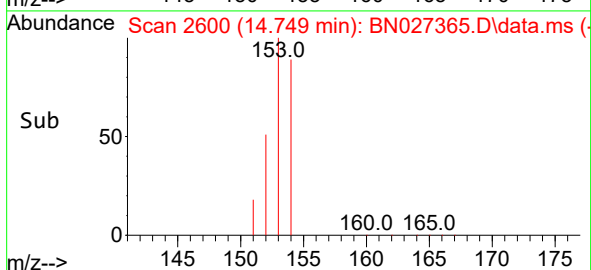
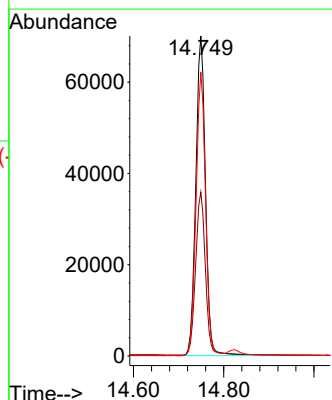
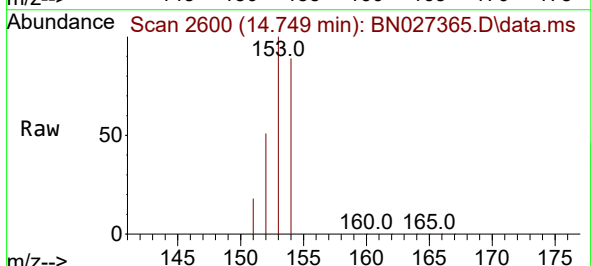
Tgt Ion:153 Resp: 104789

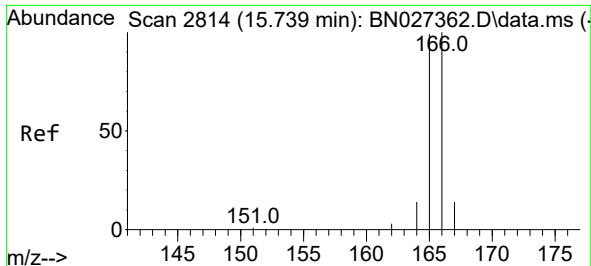
Ion Ratio Lower Upper

153 100

152 51.3 42.9 64.3

154 88.7 69.4 104.0

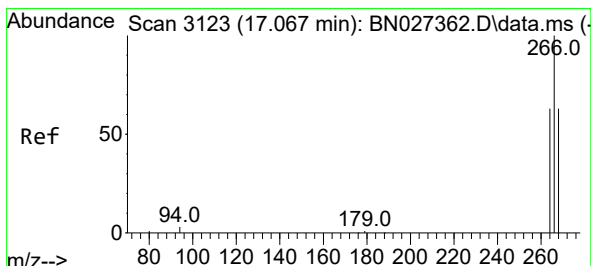
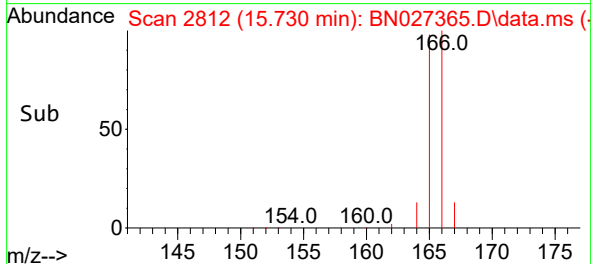
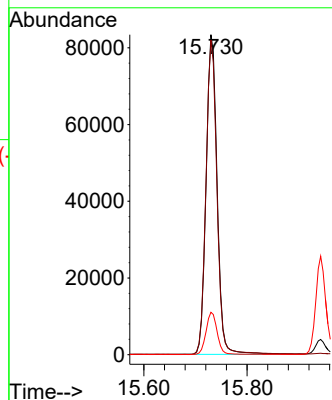
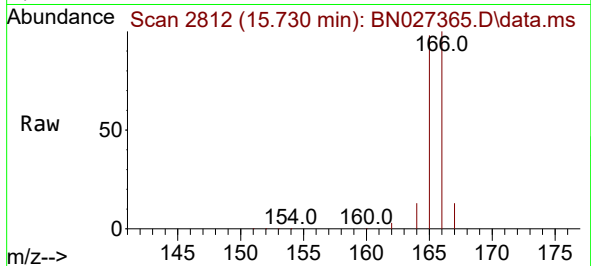




#12
Fluorene
Concen: 3.420 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

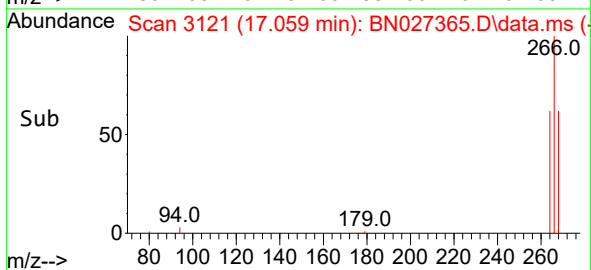
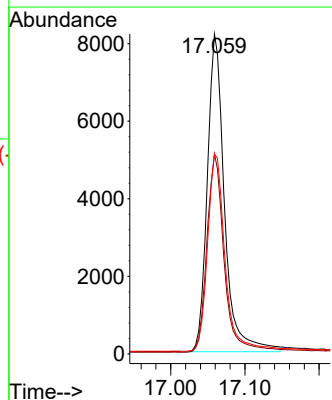
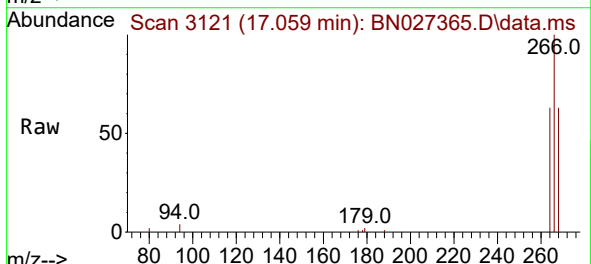
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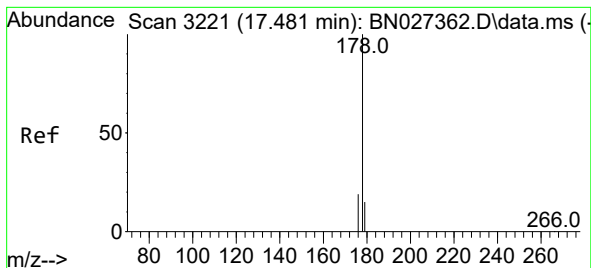
Tgt Ion:166 Resp: 123095
Ion Ratio Lower Upper
166 100
165 98.3 79.6 119.4
167 13.2 11.4 17.0



#14
Pentachlorophenol
Concen: 2.637 ng/ul
RT: 17.059 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Tgt Ion:266 Resp: 13177
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 63.5 51.9 77.9





#15

Phenanthrene

Concen: 3.370 ng/ul

RT: 17.477 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

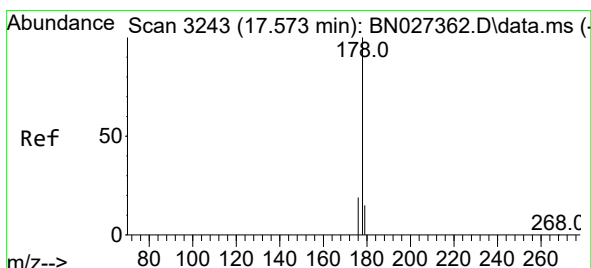
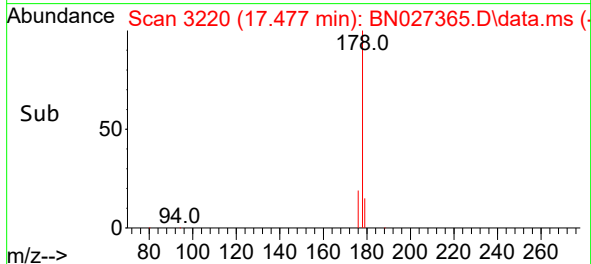
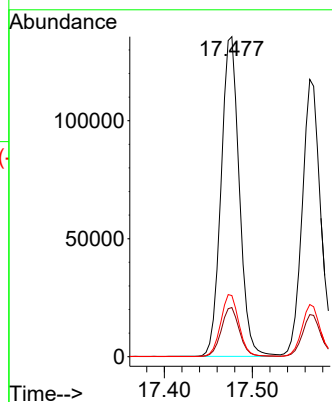
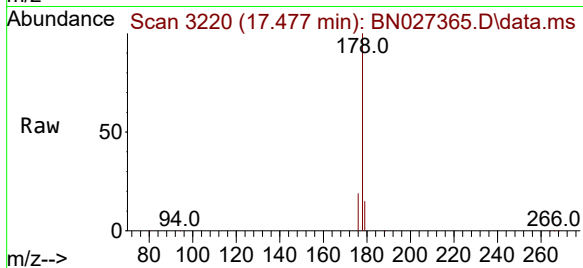
Tgt Ion:178 Resp: 195519

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.1 15.8 23.8



#16

Anthracene

Concen: 3.369 ng/ul

RT: 17.565 min Scan# 3241

Delta R.T. -0.008 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

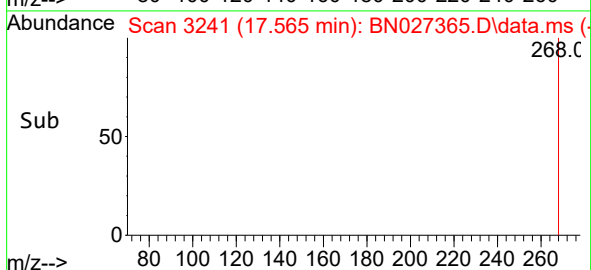
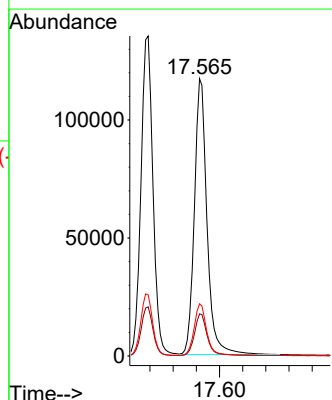
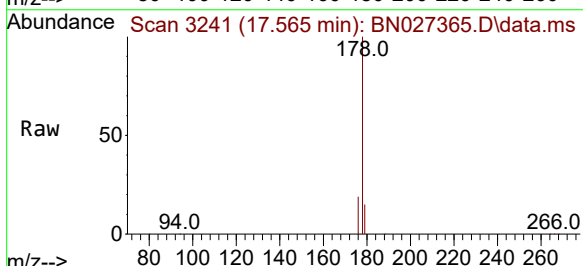
Tgt Ion:178 Resp: 176657

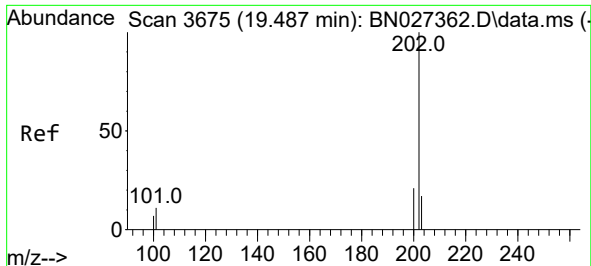
Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

176 18.8 15.6 23.4

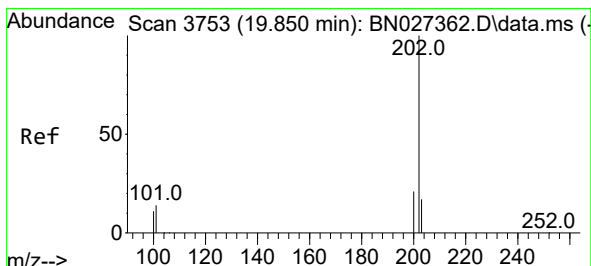
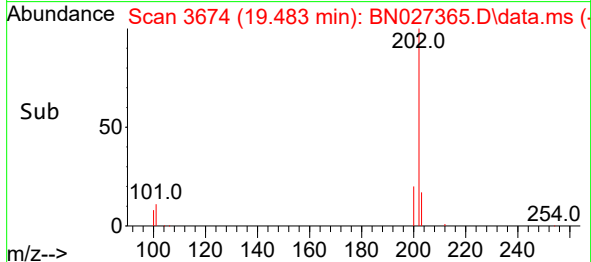
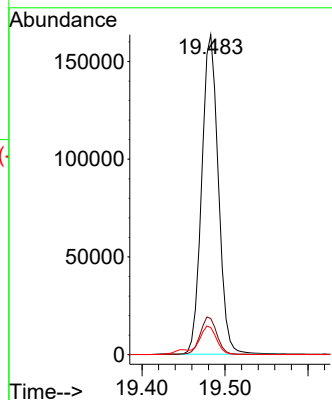
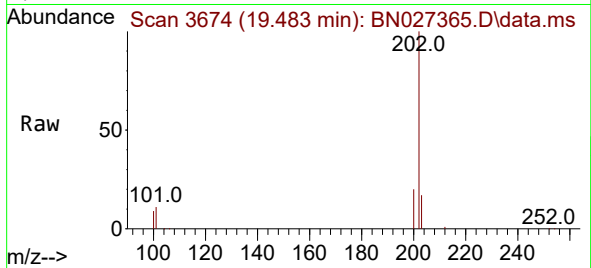




#19
Fluoranthene
Concen: 3.539 ng/ul
RT: 19.483 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

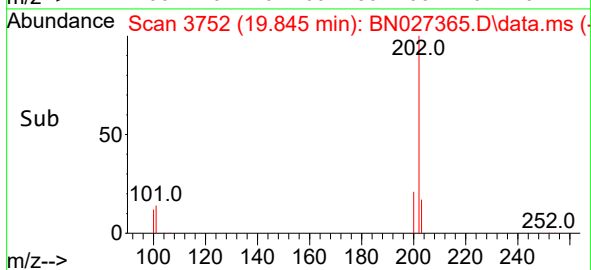
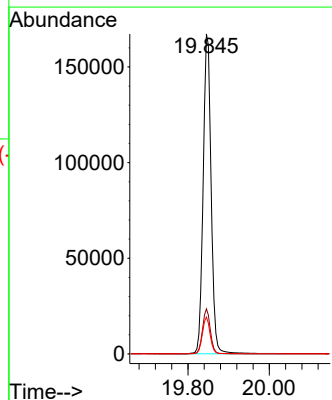
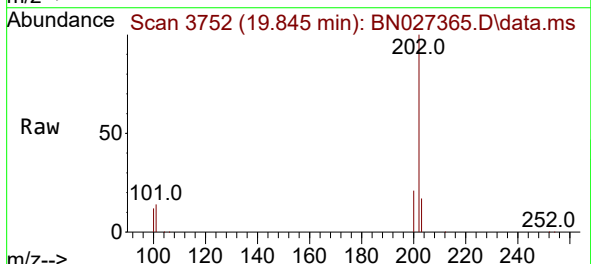
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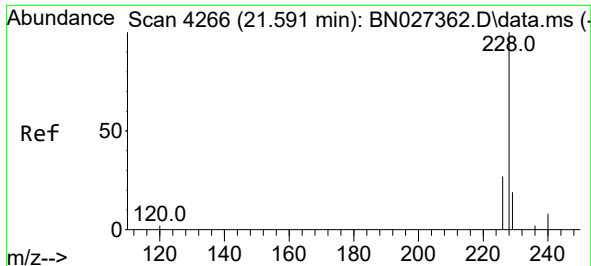
Tgt Ion:202 Resp: 227720
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.0
100 8.5 6.9 10.3



#20
Pyrene
Concen: 3.311 ng/ul
RT: 19.845 min Scan# 3752
Delta R.T. -0.004 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

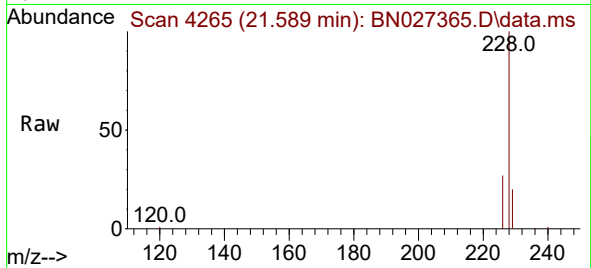
Tgt Ion:202 Resp: 227336
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.6 9.4 14.2



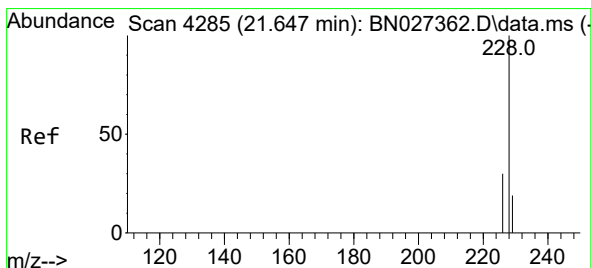
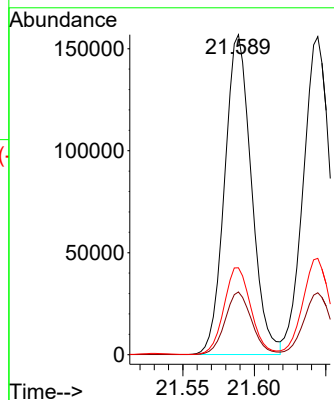


#21
Benzo(a)anthracene
Concen: 3.310 ng/ul
RT: 21.589 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

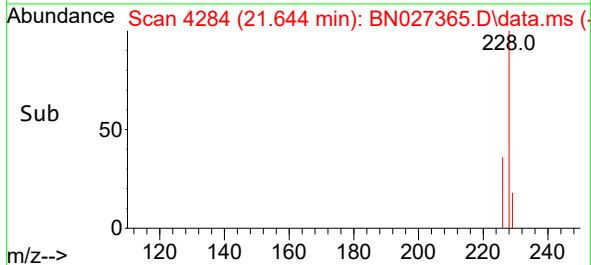
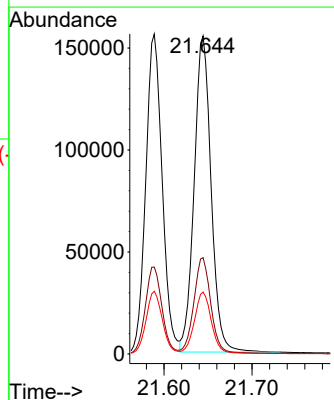
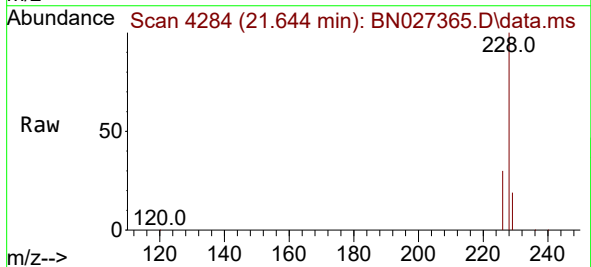


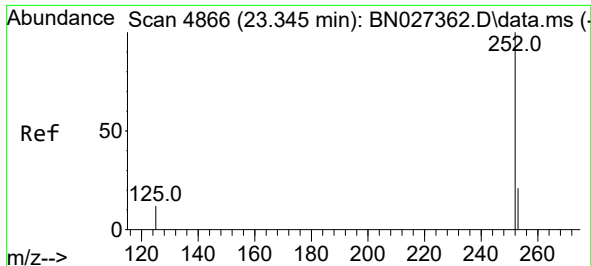
Tgt Ion:228 Resp: 203966
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.2 22.0 33.0



#22
Chrysene
Concen: 3.420 ng/ul
RT: 21.644 min Scan# 4284
Delta R.T. -0.003 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

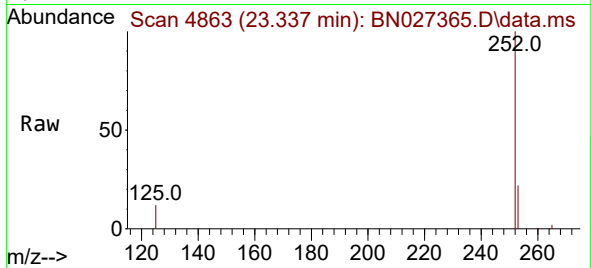
Tgt Ion:228 Resp: 208012
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.4 15.6 23.4



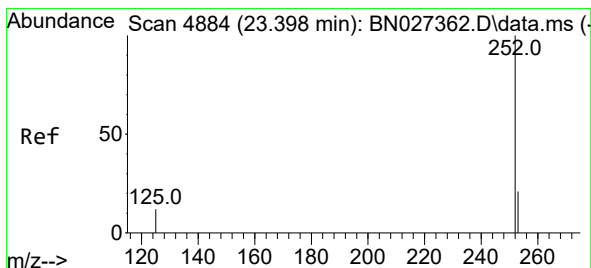
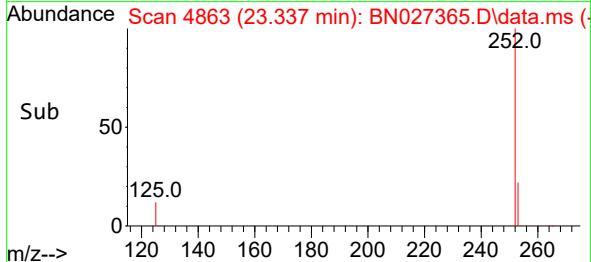
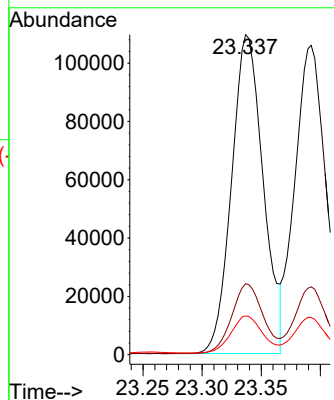


#24
Benzo(b)fluoranthene
Concen: 4.467 ng/ul
RT: 23.337 min Scan# 4863
Delta R.T. -0.008 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

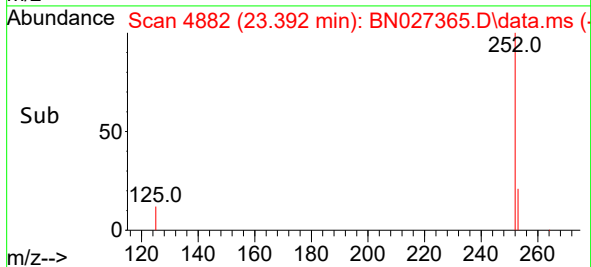
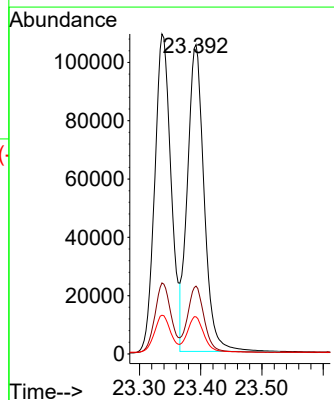
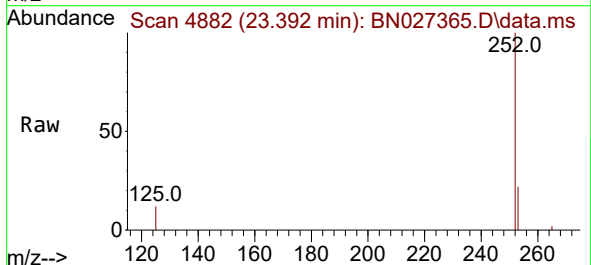


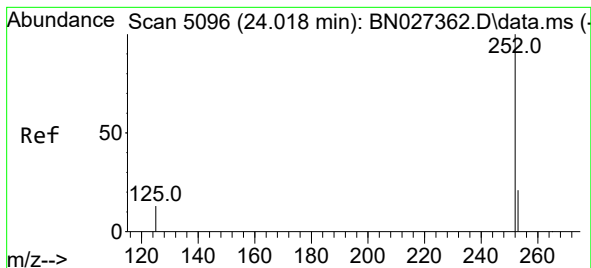
Tgt Ion:252 Resp: 203667
Ion Ratio Lower Upper
252 100
253 22.2 0.0 49.6
125 12.1 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 4.415 ng/ul
RT: 23.392 min Scan# 4882
Delta R.T. -0.005 min
Lab File: BN027365.D
Acq: 02 Sep 2023 05:37

Tgt Ion:252 Resp: 198533
Ion Ratio Lower Upper
252 100
253 22.0 19.9 29.9
125 12.0 13.6 20.4#





#26

Benzo(a)pyrene

Concen: 3.940 ng/ul

RT: 24.009 min Scan# 5096

Delta R.T. -0.008 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

Instrument :

BNA_N

ClientSampleId :

SSTD3.2249

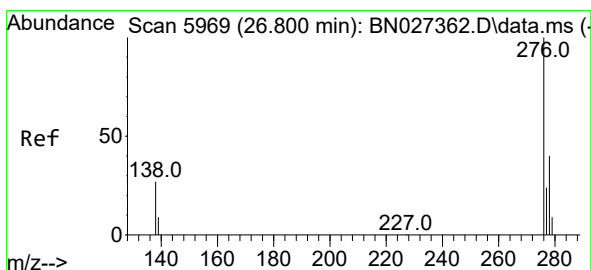
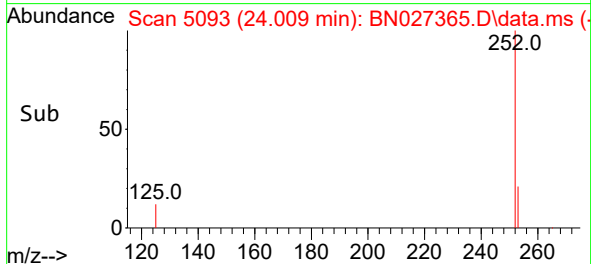
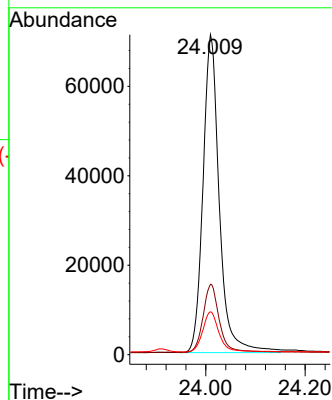
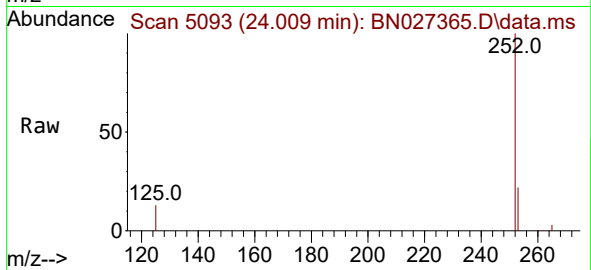
Tgt Ion:252 Resp: 162091

Ion Ratio Lower Upper

252 100

253 22.0 22.4 33.6#

125 13.4 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.526 ng/ul

RT: 26.781 min Scan# 5963

Delta R.T. -0.019 min

Lab File: BN027365.D

Acq: 02 Sep 2023 05:37

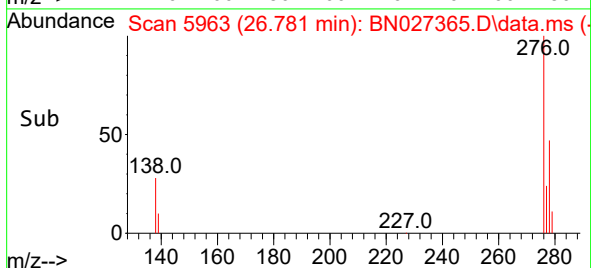
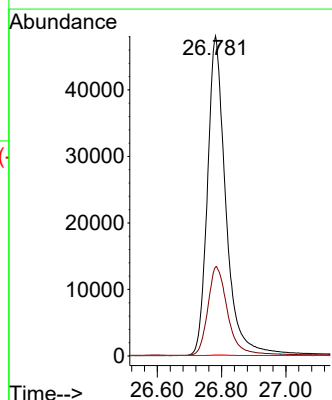
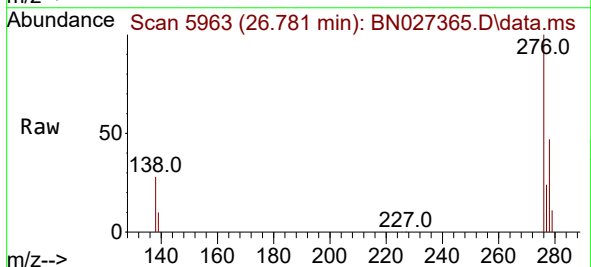
Tgt Ion:276 Resp: 189763

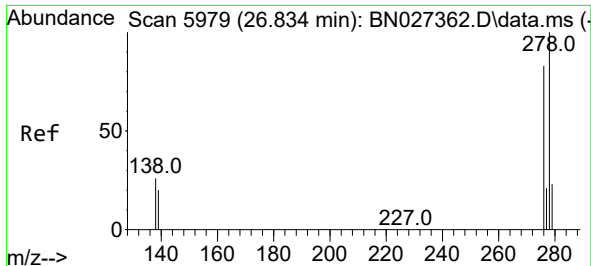
Ion Ratio Lower Upper

276 100

138 30.1 23.9 35.9

227 0.2 0.1 0.1#

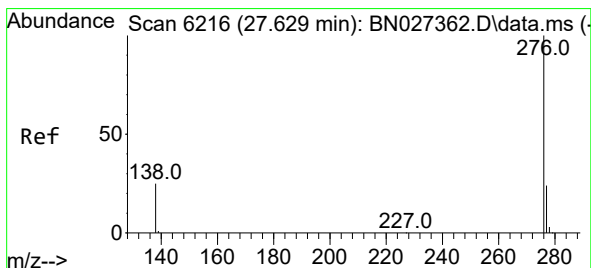
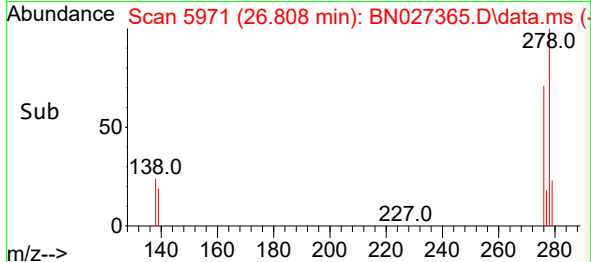
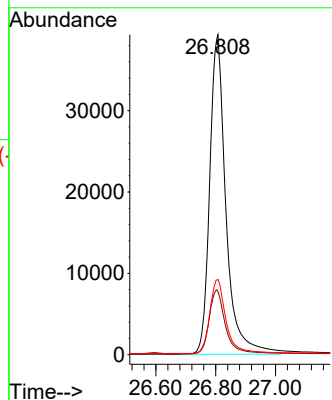
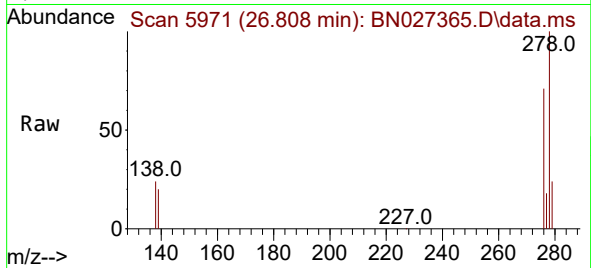




#28
 Dibenzo(a,h)anthracene
 Concen: 3.451 ng/ul
 RT: 26.808 min Scan# 5979
 Delta R.T. -0.026 min
 Lab File: BN027365.D
 Acq: 02 Sep 2023 05:37

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2249

Tgt Ion:278 Resp: 148044
 Ion Ratio Lower Upper
 278 100
 139 19.7 18.0 27.0
 279 23.5 22.7 34.1



#29
 Benzo(g,h,i)perylene
 Concen: 3.580 ng/ul
 RT: 27.606 min Scan# 6209
 Delta R.T. -0.023 min
 Lab File: BN027365.D
 Acq: 02 Sep 2023 05:37

Tgt Ion:276 Resp: 160396
 Ion Ratio Lower Upper
 276 100
 138 26.3 22.1 33.1
 277 23.8 20.2 30.4

