

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027364.D
 Acq On : 02 Sep 2023 05:01
 Operator : MA/JU
 Sample : SSTD1.629
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

Quant Time: Sep 02 06:11:36 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)

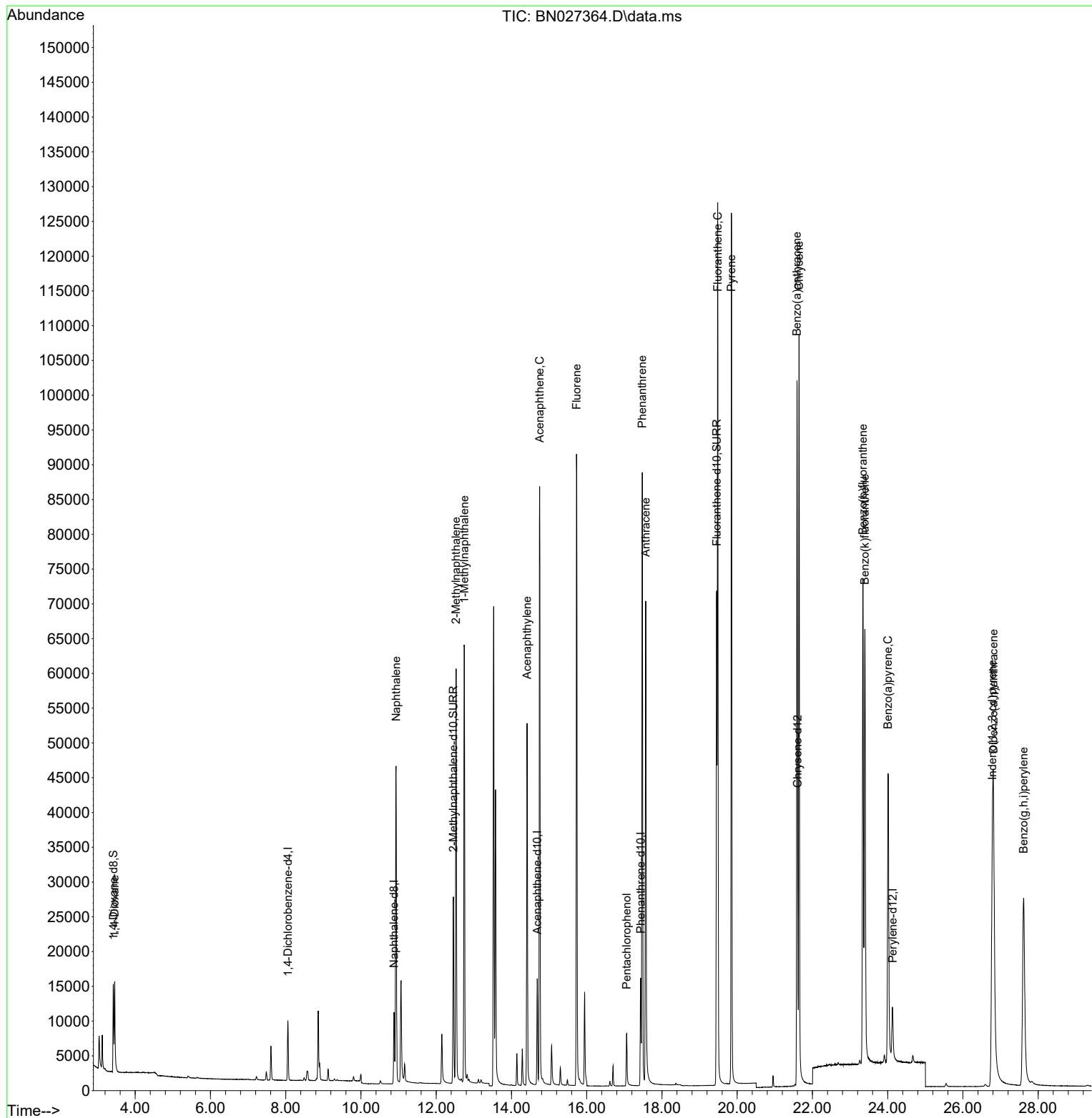
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4452	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	14327	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.684	164	8536	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	18937	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	15255	0.400	ng/ul	0.00
23) Perylene-d12	24.129	264	12295	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	8980	1.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	35345	1.677	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	79466	1.650	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	9179	1.701	ng/ul#	86
5) Naphthalene	10.933	128	65738	1.624	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	42812	1.746	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	43822	1.707	ng/ul	100
10) Acenaphthylene	14.416	152	61456	1.285	ng/ul	98
11) Acenaphthene	14.749	153	51457	1.555	ng/ul	99
12) Fluorene	15.730	166	60181	1.607	ng/ul	100
14) Pentachlorophenol	17.059	266	5653	1.055	ng/ul	99
15) Phenanthrene	17.477	178	96522	1.551	ng/ul	99
16) Anthracene	17.569	178	82338	1.464	ng/ul	98
19) Fluoranthene	19.483	202	109259	1.724	ng/ul	100
20) Pyrene	19.845	202	108329	1.602	ng/ul	100
21) Benzo(a)anthracene	21.589	228	90149	1.486	ng/ul	100
22) Chrysene	21.644	228	98462	1.644	ng/ul	100
24) Benzo(b)fluoranthene	23.342	252	97919	2.106	ng/ul	93
25) Benzo(k)fluoranthene	23.392	252	94179	2.053	ng/ul#	93
26) Benzo(a)pyrene	24.009	252	75884	1.808	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.781	276	86904	1.583	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.814	278	67393	1.540	ng/ul	94
29) Benzo(g,h,i)perylene	27.612	276	75576	1.653	ng/ul	97

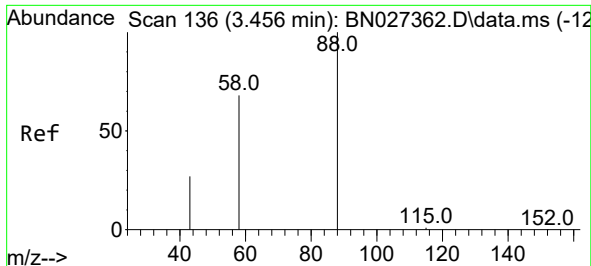
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
Data File : BN027364.D
Acq On : 02 Sep 2023 05:01
Operator : MA/JU
Sample : SSTD1.629
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Quant Time: Sep 02 06:11:36 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

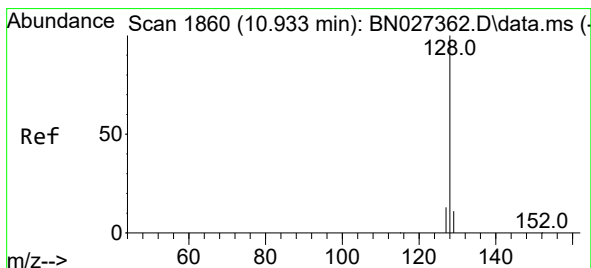
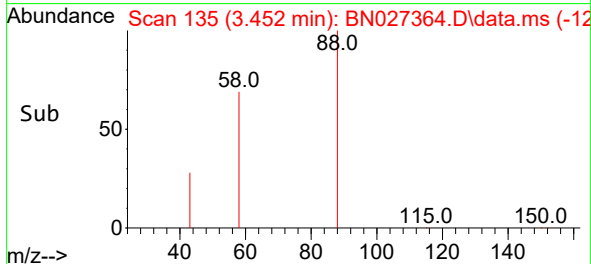
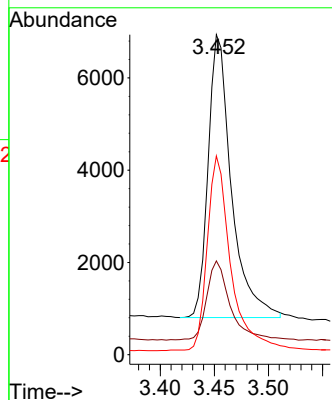
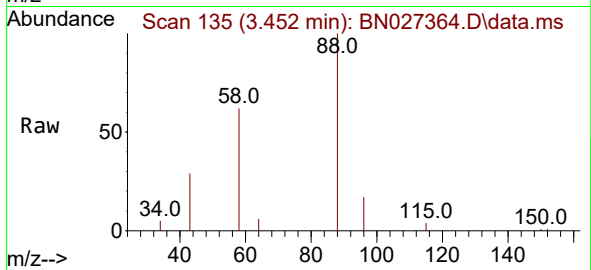




#2
1,4-Dioxane
Concen: 1.701 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

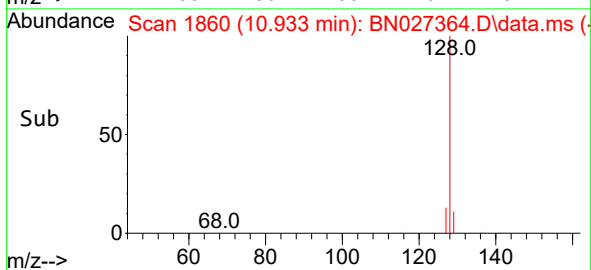
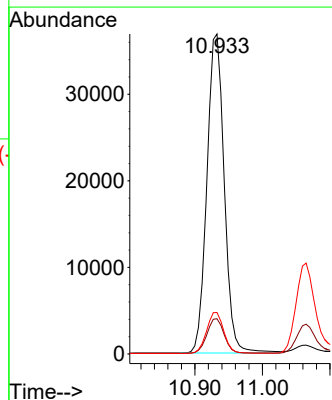
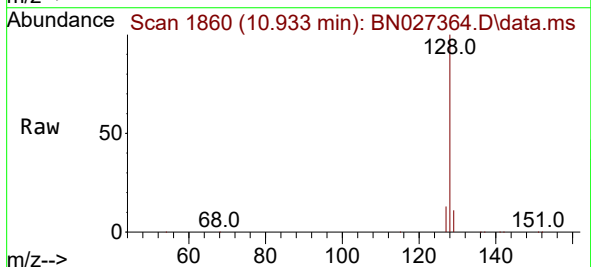
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

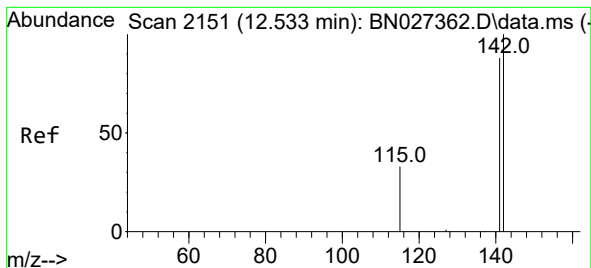
Tgt Ion: 88 Resp: 9179
Ion Ratio Lower Upper
88 100
43 29.3 26.8 40.2
58 62.1 39.9 59.9#



#5
Naphthalene
Concen: 1.624 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:128 Resp: 65738
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.6 16.0

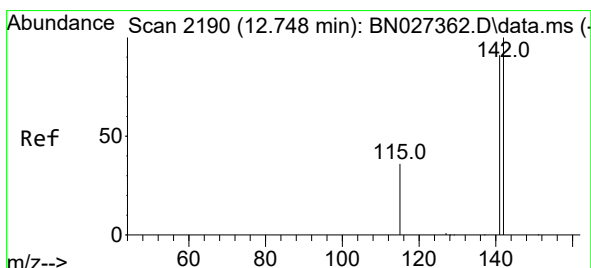
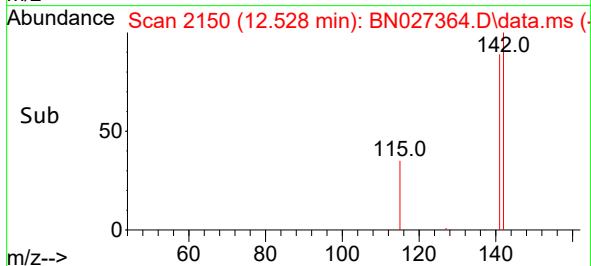
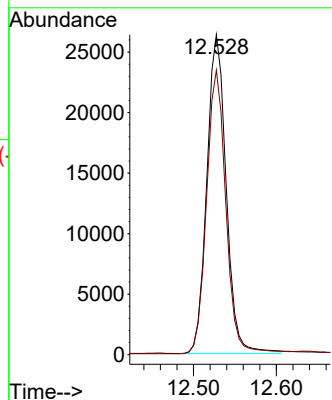
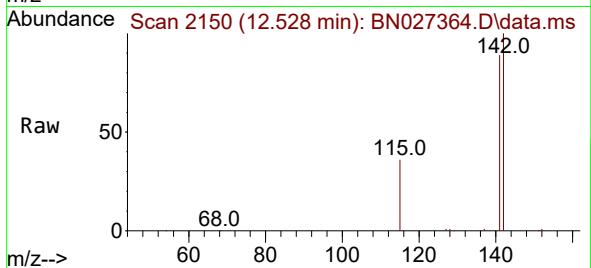




#7
2-Methylnaphthalene
Concen: 1.746 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

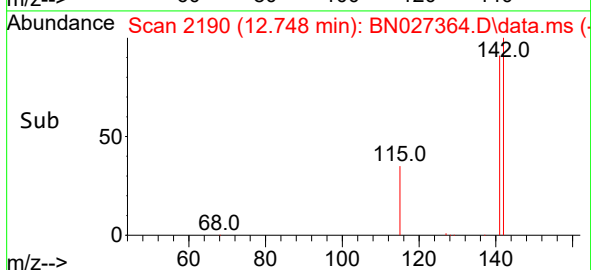
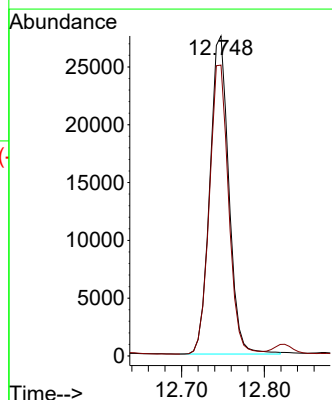
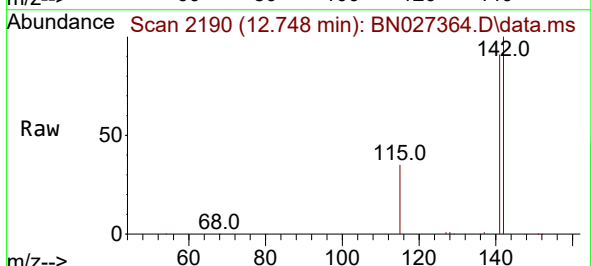
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

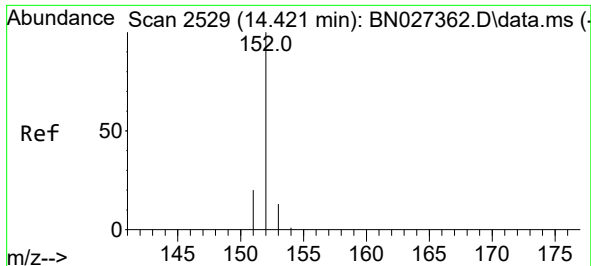
Tgt Ion:142 Resp: 42812
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 1.707 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:142 Resp: 43822
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

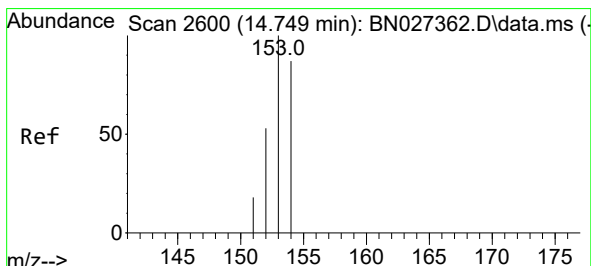
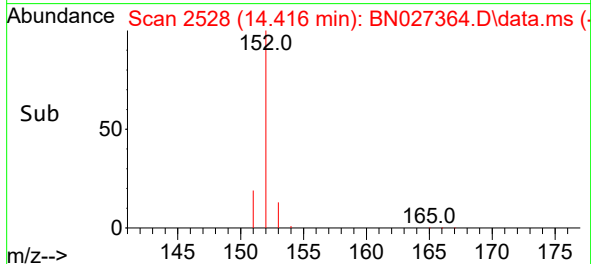
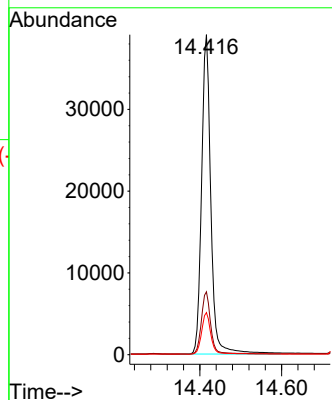
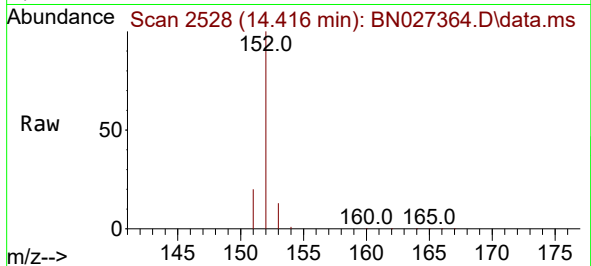




#10
Acenaphthylene
Concen: 1.285 ng/ul
RT: 14.416 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

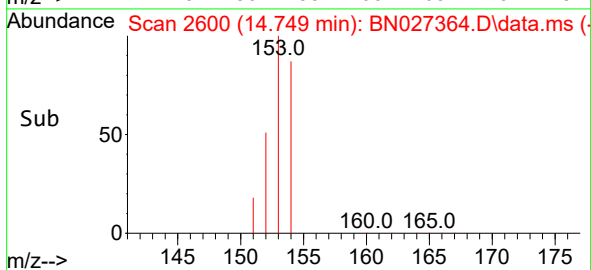
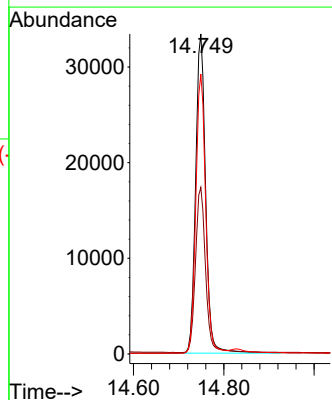
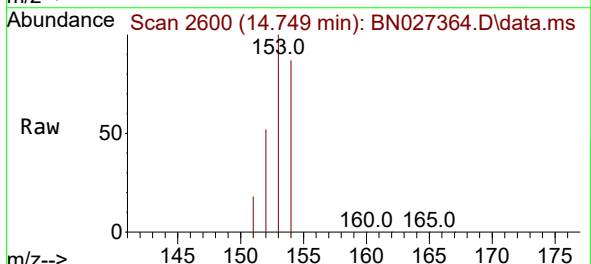
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

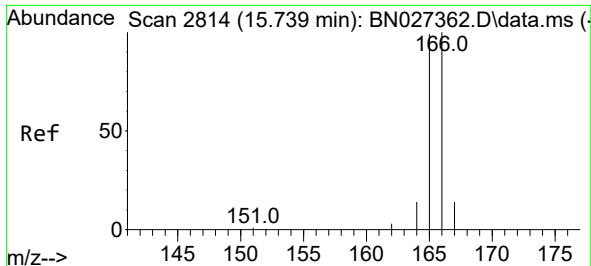
Tgt Ion:152 Resp: 61456
Ion Ratio Lower Upper
152 100
151 19.7 16.3 24.5
153 13.1 11.1 16.7



#11
Acenaphthene
Concen: 1.555 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:153 Resp: 51457
Ion Ratio Lower Upper
153 100
152 52.0 42.9 64.3
154 87.4 69.4 104.0

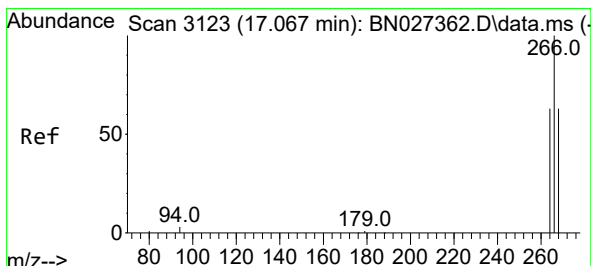
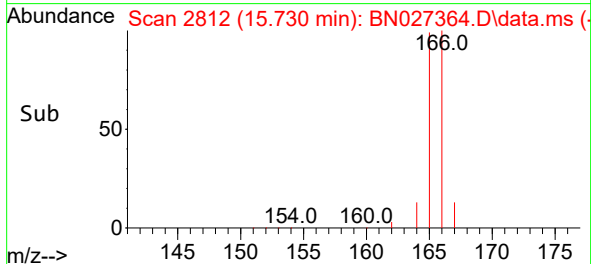
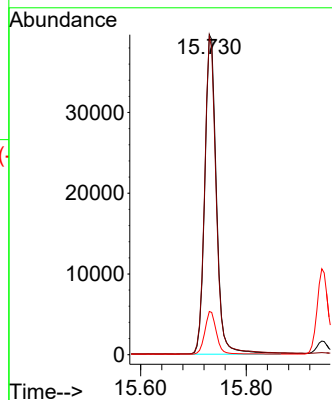
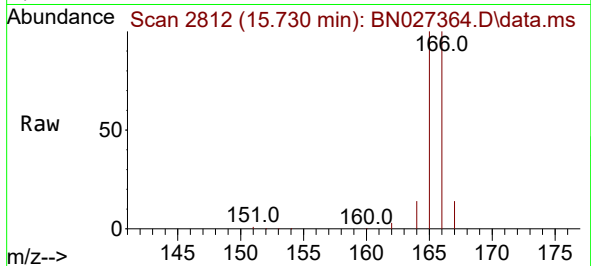




#12
Fluorene
Concen: 1.607 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

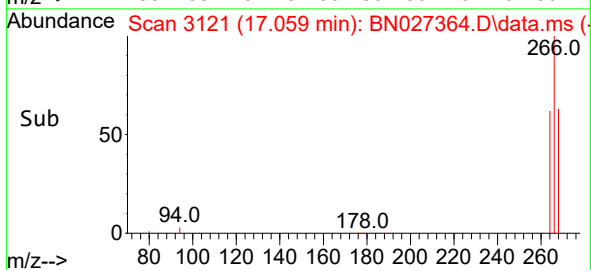
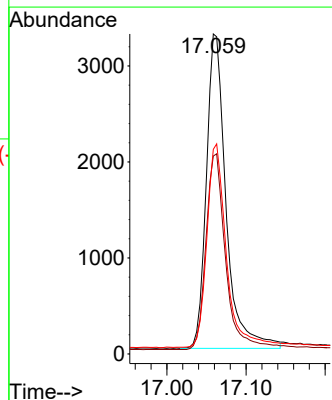
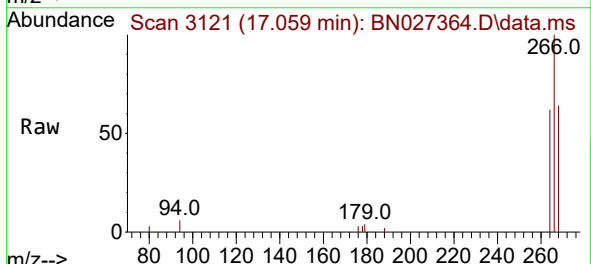
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

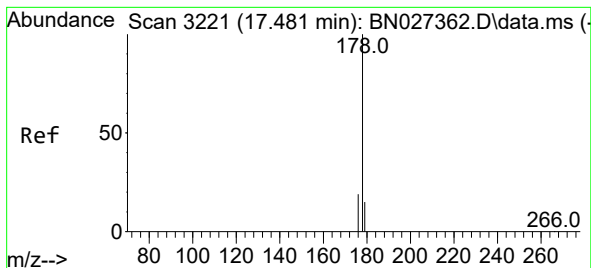
Tgt Ion:166 Resp: 60181
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 13.5 11.4 17.0



#14
Pentachlorophenol
Concen: 1.055 ng/ul
RT: 17.059 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:266 Resp: 5653
Ion Ratio Lower Upper
266 100
264 62.5 50.4 75.6
268 64.4 51.9 77.9





#15

Phenanthrene

Concen: 1.551 ng/ul

RT: 17.477 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027364.D

Acq: 02 Sep 2023 05:01

Instrument :

BNA_N

ClientSampleId :

SSTD1.6248

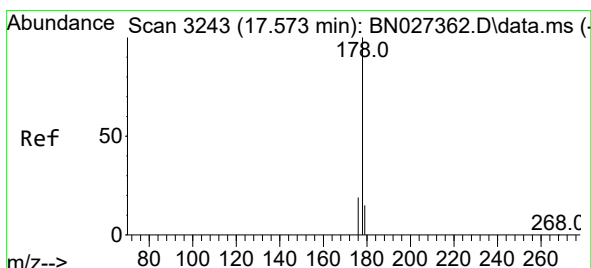
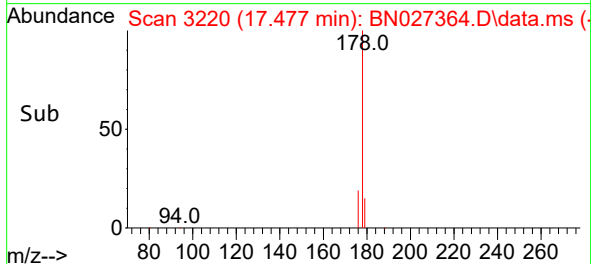
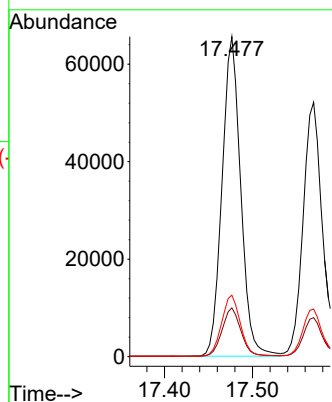
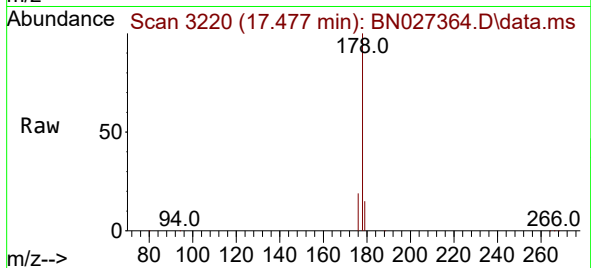
Tgt Ion:178 Resp: 96522

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.2 15.8 23.8



#16

Anthracene

Concen: 1.464 ng/ul

RT: 17.569 min Scan# 3242

Delta R.T. -0.004 min

Lab File: BN027364.D

Acq: 02 Sep 2023 05:01

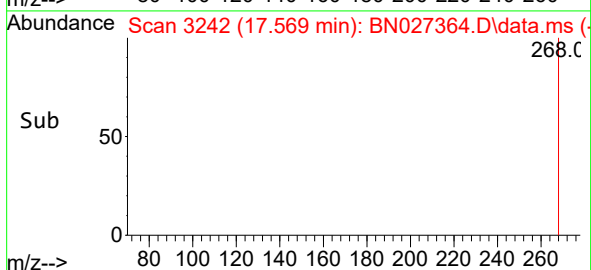
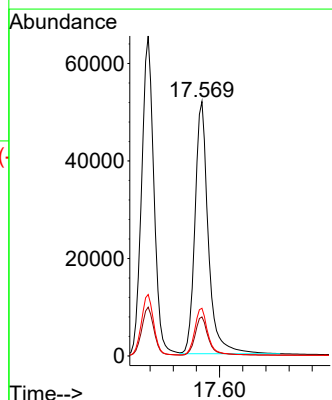
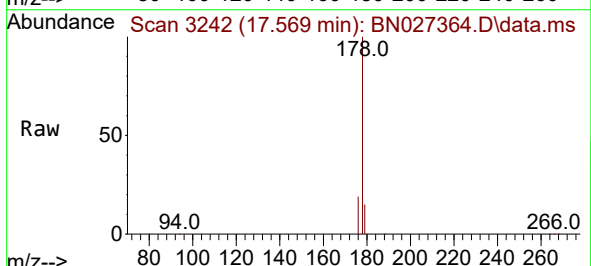
Tgt Ion:178 Resp: 82338

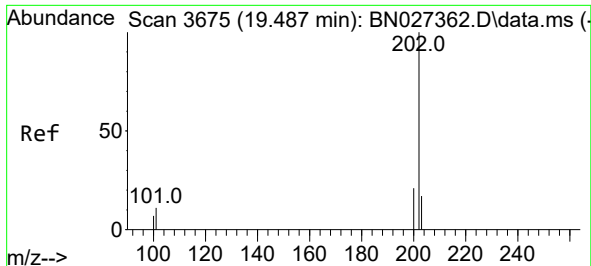
Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 18.7 15.6 23.4

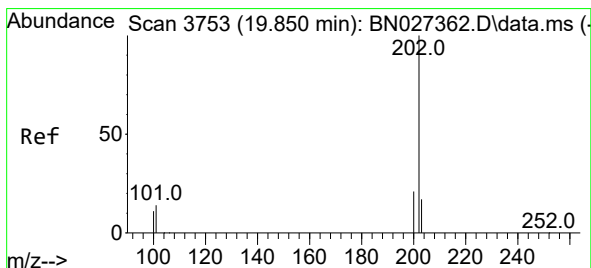
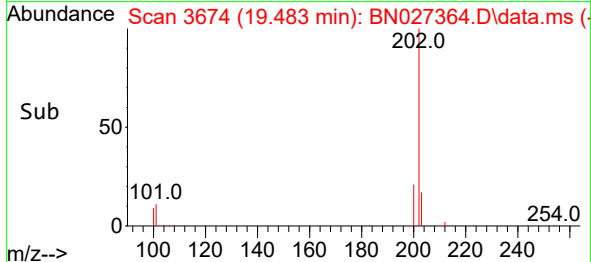
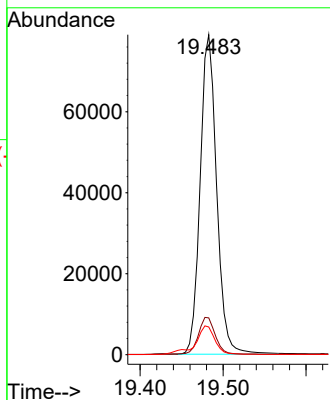
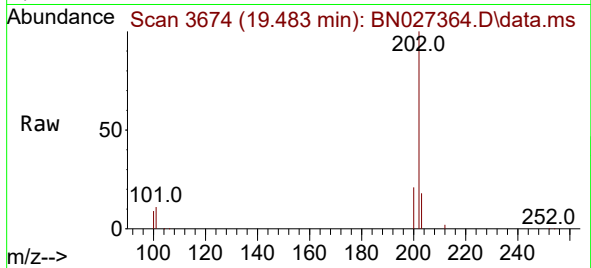




#19
Fluoranthene
Concen: 1.724 ng/ul
RT: 19.483 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

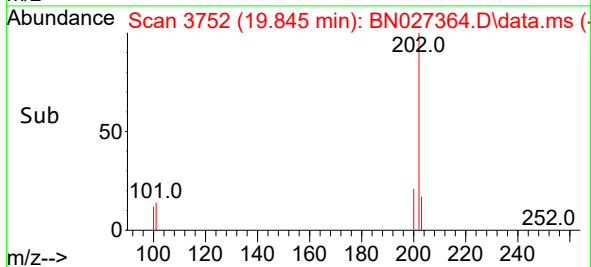
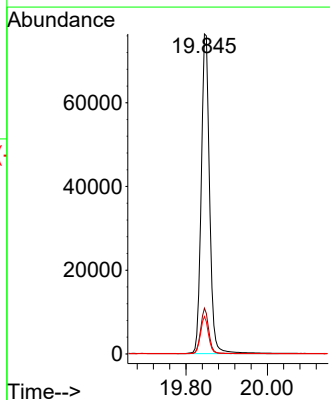
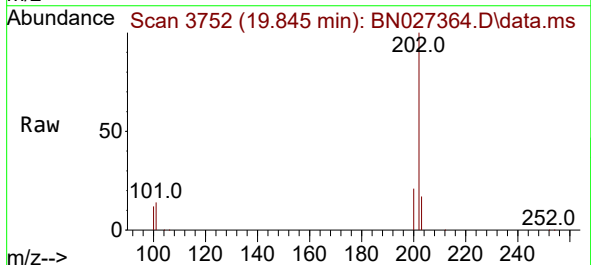
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

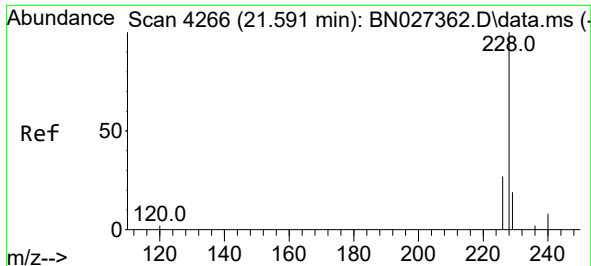
Tgt Ion:202 Resp: 109259
Ion Ratio Lower Upper
202 100
101 11.5 9.4 14.0
100 8.7 6.9 10.3



#20
Pyrene
Concen: 1.602 ng/ul
RT: 19.845 min Scan# 3752
Delta R.T. -0.004 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:202 Resp: 108329
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.2
100 11.7 9.4 14.2

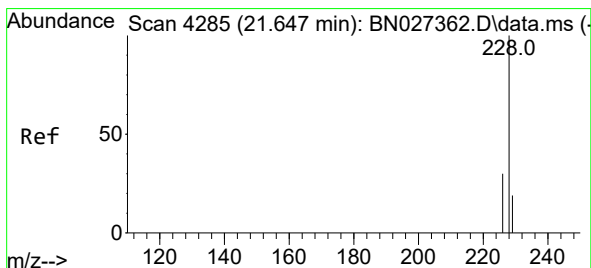
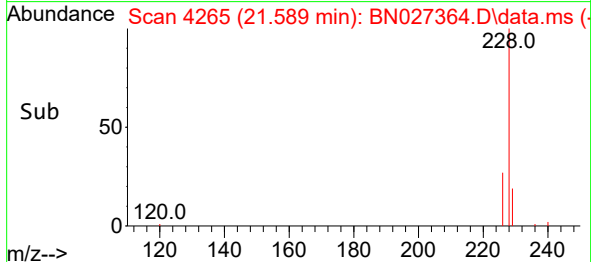
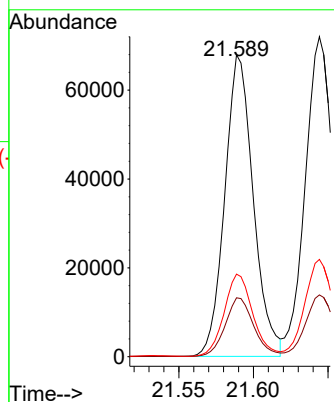
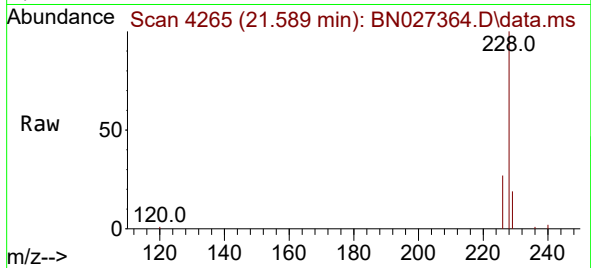




#21
Benzo(a)anthracene
Concen: 1.486 ng/ul
RT: 21.589 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

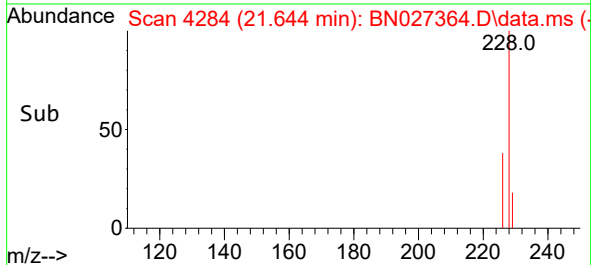
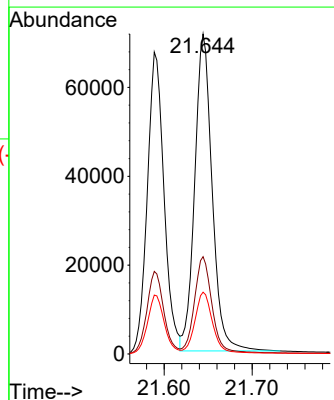
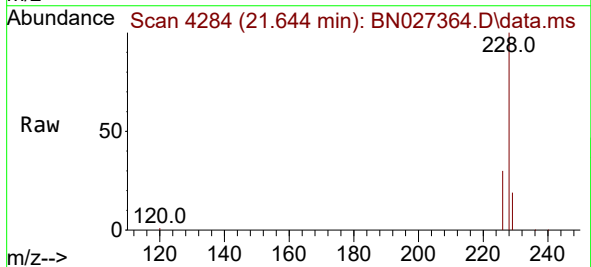
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

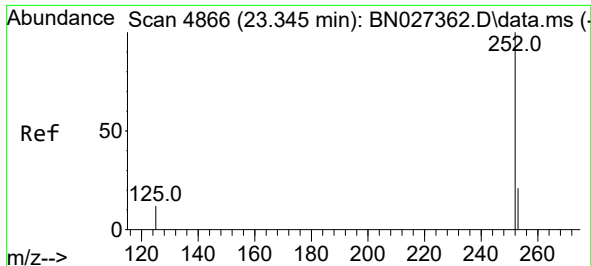
Tgt Ion:228 Resp: 90149
Ion Ratio Lower Upper
228 100
229 19.5 15.7 23.5
226 27.3 22.0 33.0



#22
Chrysene
Concen: 1.644 ng/ul
RT: 21.644 min Scan# 4284
Delta R.T. -0.003 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:228 Resp: 98462
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.3 15.6 23.4

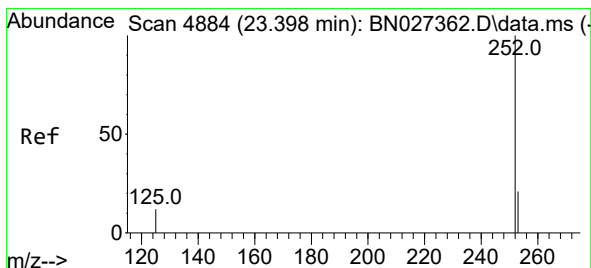
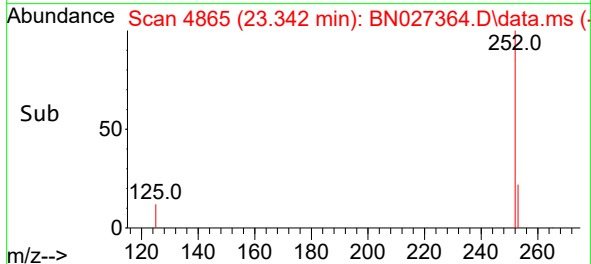
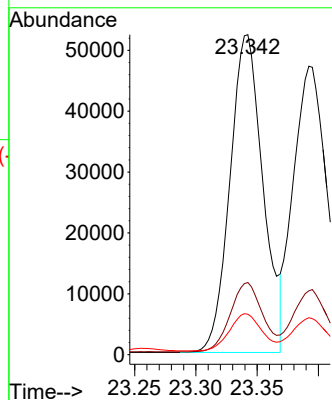
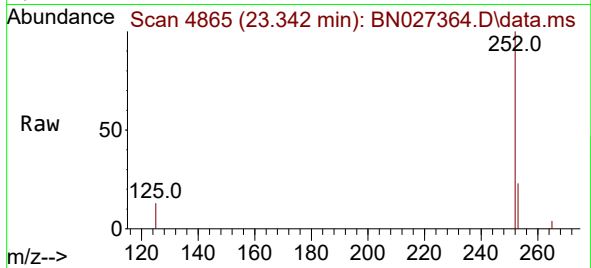




#24
Benzo(b)fluoranthene
Concen: 2.106 ng/ul
RT: 23.342 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

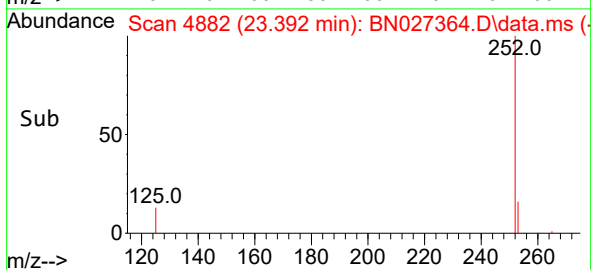
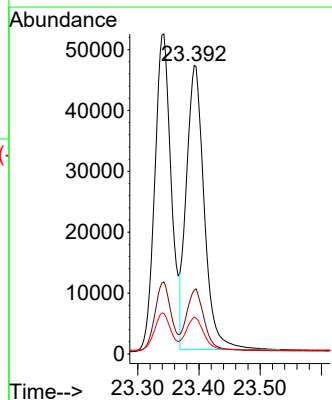
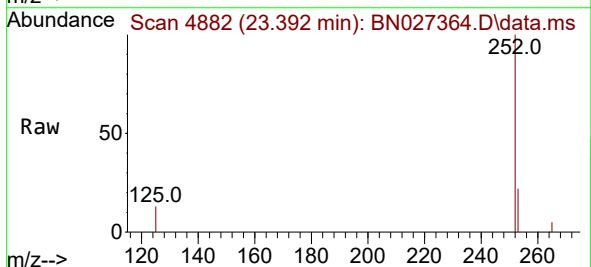
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

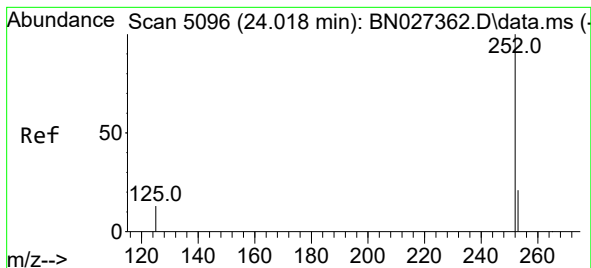
Tgt Ion:252 Resp: 97919
Ion Ratio Lower Upper
252 100
253 22.6 0.0 49.6
125 12.7 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 2.053 ng/ul
RT: 23.392 min Scan# 4882
Delta R.T. -0.006 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:252 Resp: 94179
Ion Ratio Lower Upper
252 100
253 22.2 19.9 29.9
125 12.8 13.6 20.4#





#26

Benzo(a)pyrene

Concen: 1.808 ng/ul

RT: 24.009 min Scan# 5093

Delta R.T. -0.009 min

Lab File: BN027364.D

Acq: 02 Sep 2023 05:01

Instrument :

BNA_N

ClientSampleId :

SSTD1.6248

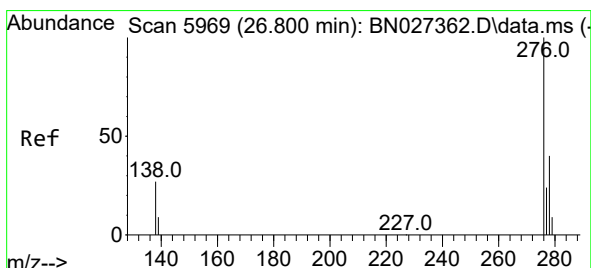
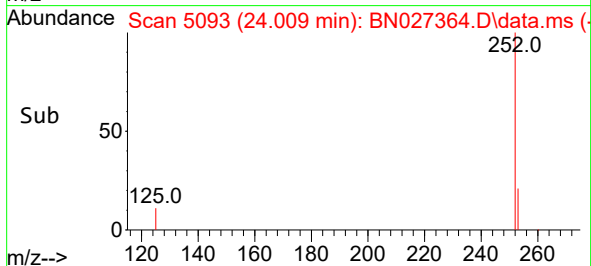
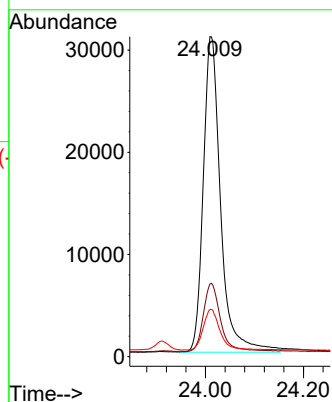
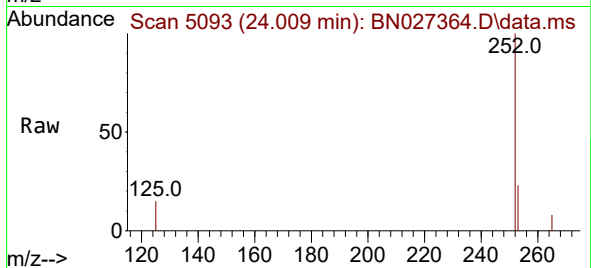
Tgt Ion:252 Resp: 75884

Ion Ratio Lower Upper

252 100

253 22.8 22.4 33.6

125 14.7 17.4 26.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.583 ng/ul

RT: 26.781 min Scan# 5963

Delta R.T. -0.019 min

Lab File: BN027364.D

Acq: 02 Sep 2023 05:01

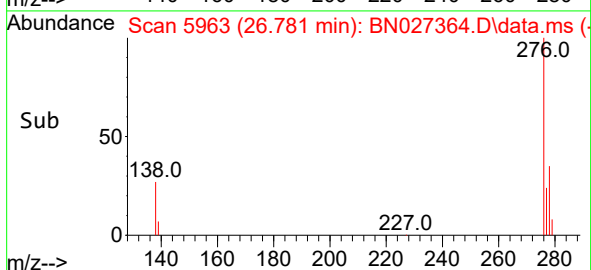
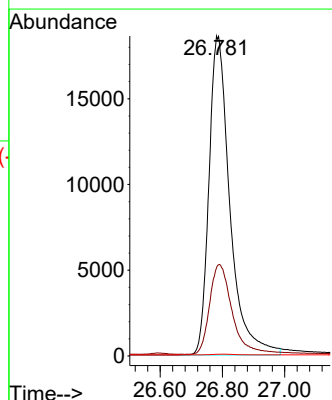
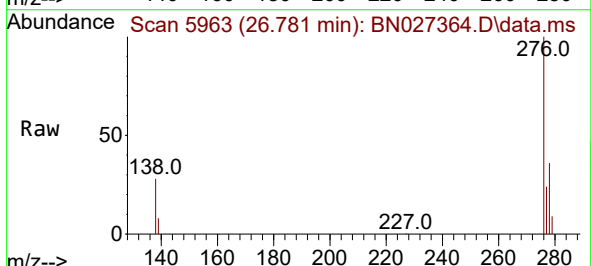
Tgt Ion:276 Resp: 86904

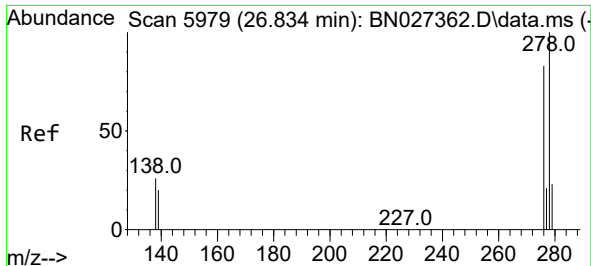
Ion Ratio Lower Upper

276 100

138 30.2 23.9 35.9

227 0.0 0.1 0.1#

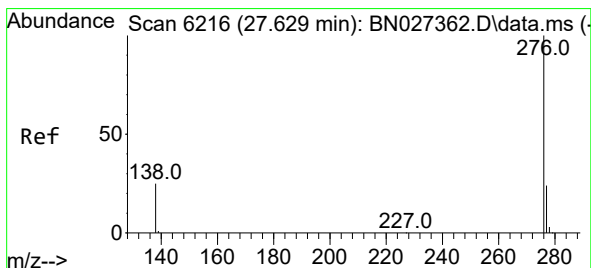
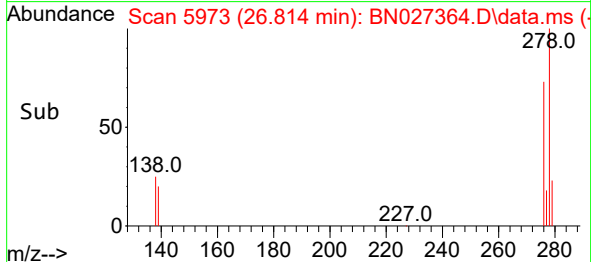
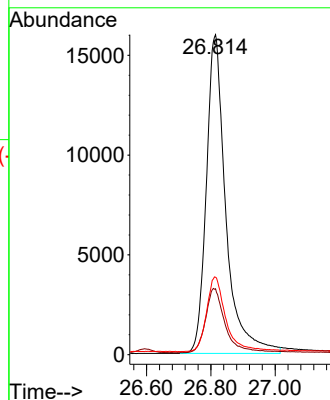
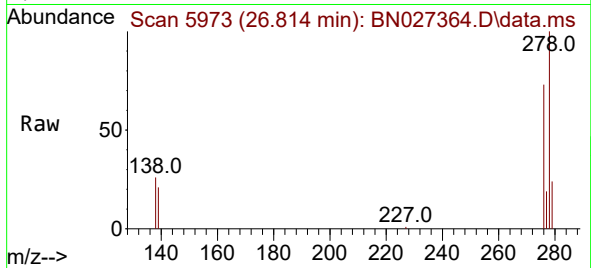




#28
Dibenzo(a,h)anthracene
Concen: 1.540 ng/ul
RT: 26.814 min Scan# 5973
Delta R.T. -0.019 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:278 Resp: 67393
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 24.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 1.653 ng/ul
RT: 27.612 min Scan# 6211
Delta R.T. -0.016 min
Lab File: BN027364.D
Acq: 02 Sep 2023 05:01

Tgt Ion:276 Resp: 75576
Ion Ratio Lower Upper
276 100
138 26.2 22.1 33.1
277 23.5 20.2 30.4

