

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091223\
 Data File : BN027588.D
 Acq On : 11 Sep 2023 22:50
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4262

Quant Time: Sep 12 02:14:47 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 : Tue Sep 12 02:09:21 2023
 Response via : Initial Calibration

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

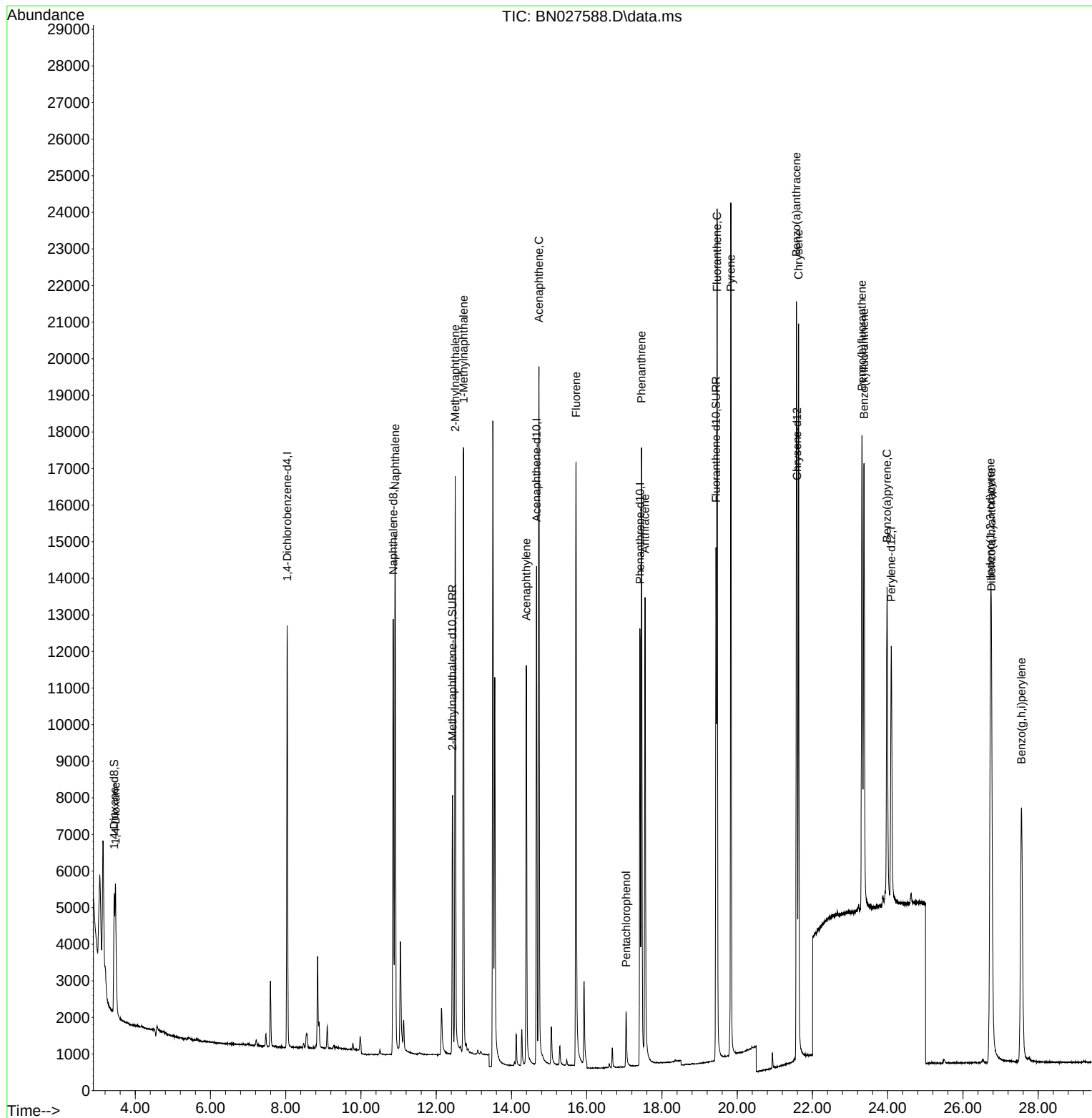
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6148	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	17030	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	15017	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	11321	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	10959	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	3320	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	9989	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15801	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	3283	0.397	ng/ul	99
5) Naphthalene	10.905	128	20233	0.410	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	11666	0.378	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	11935	0.362	ng/ul	100
10) Acenaphthylene	14.393	152	14219	0.405	ng/ul	100
11) Acenaphthene	14.731	153	11944	0.396	ng/ul	97
12) Fluorene	15.716	166	12648	0.374	ng/ul	99
14) Pentachlorophenol	17.046	266	1232	0.421	ng/ul	99
15) Phenanthrene	17.456	178	19364	0.396	ng/ul	100
16) Anthracene	17.549	178	16143	0.415	ng/ul	100
19) Fluoranthene	19.464	202	20365	0.391	ng/ul	99
20) Pyrene	19.831	202	20891	0.394	ng/ul	98
21) Benzo(a)anthracene	21.574	228	17811	0.437	ng/ul	99
22) Chrysene	21.630	228	18646	0.392	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	18833	0.364	ng/ul	97
25) Benzo(k)fluoranthene	23.369	252	18619	0.368	ng/ul	97
26) Benzo(a)pyrene	23.983	252	15746	0.390	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.733	276	20810	0.463	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.757	278	16651	0.485	ng/ul	97
29) Benzo(g,h,i)perylene	27.552	276	18168	0.448	ng/ul	97

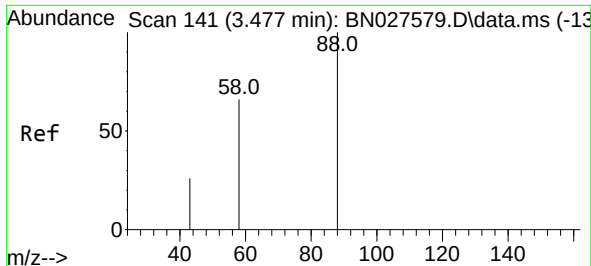
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091223\
Data File : BN027588.D
Acq On : 11 Sep 2023 22:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

Quant Time: Sep 12 02:14:47 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 : Tue Sep 12 02:09:21 2023
Response via : Initial Calibration

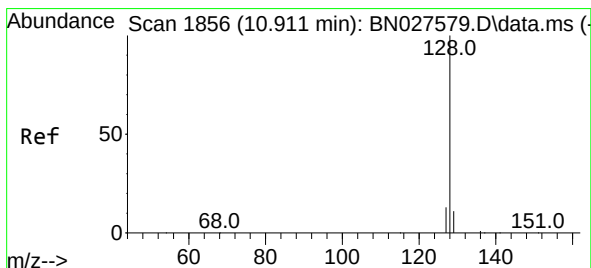
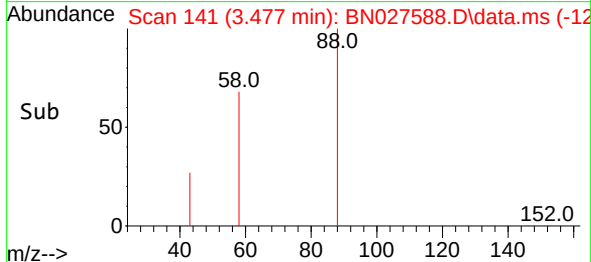
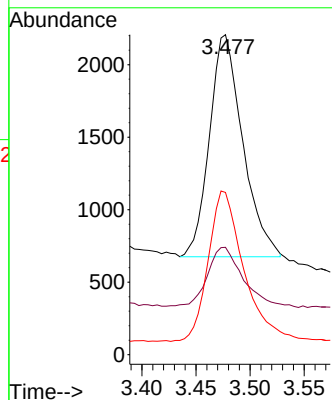
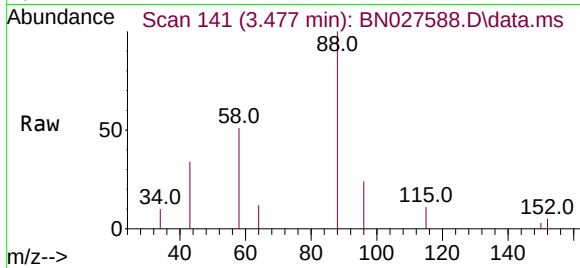




#2
1,4-Dioxane
Concen: 0.397 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

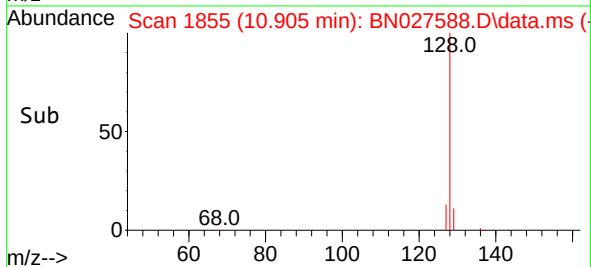
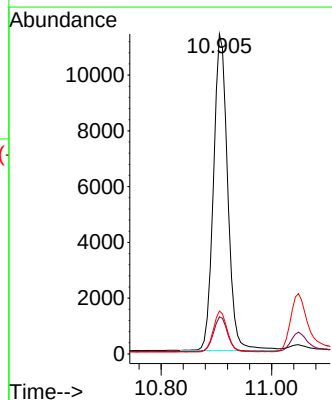
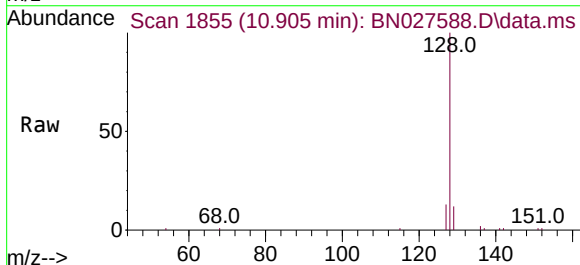
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

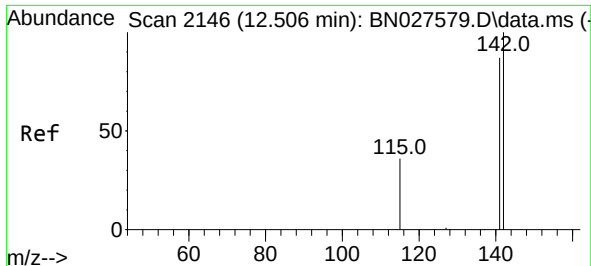
Tgt Ion: 88 Resp: 3283
Ion Ratio Lower Upper
88 100
43 33.6 26.8 40.2
58 50.7 39.9 59.9



#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.905 min Scan# 1855
Delta R.T. -0.005 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion: 128 Resp: 20233
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.4 10.6 16.0

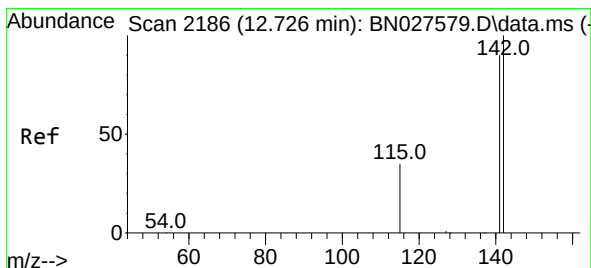
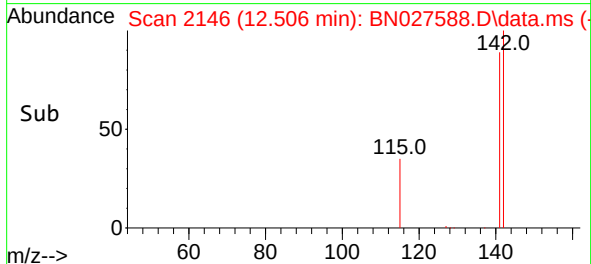
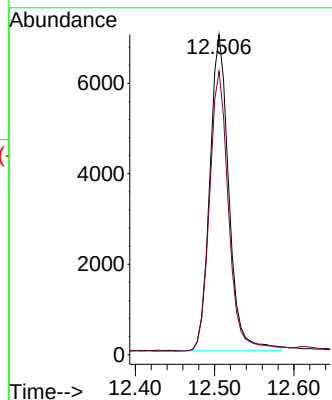
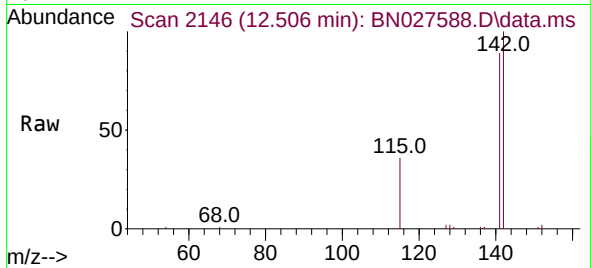




#7
2-Methylnaphthalene
Concen: 0.378 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

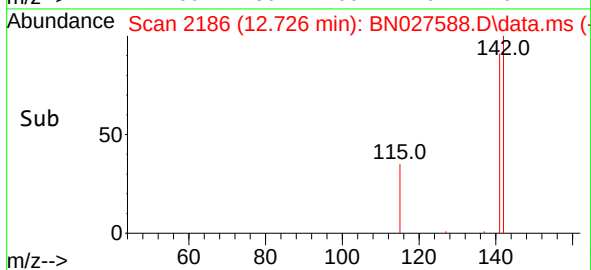
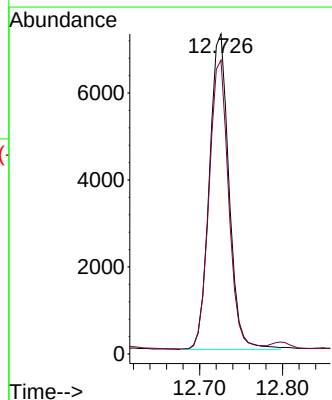
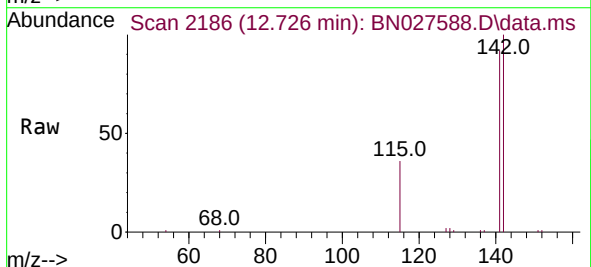
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

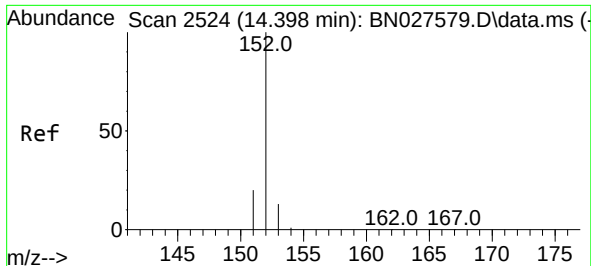
Tgt Ion:142 Resp: 11666
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:142 Resp: 11935
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

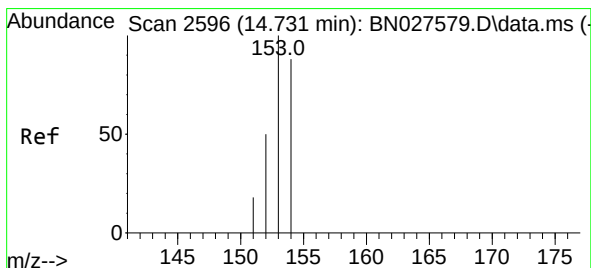
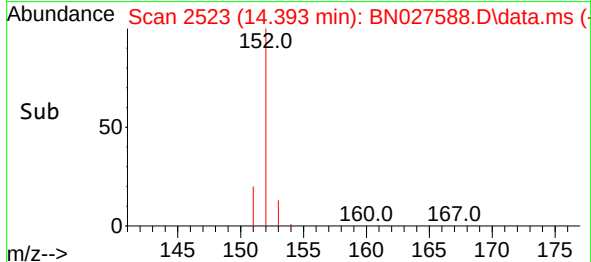
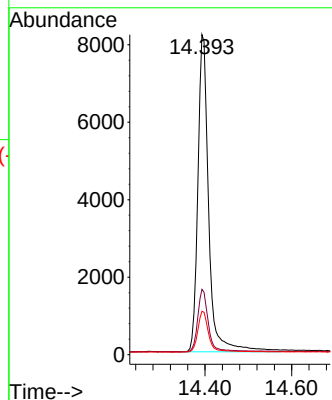
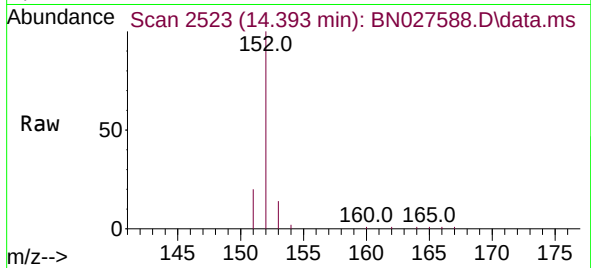




#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.393 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

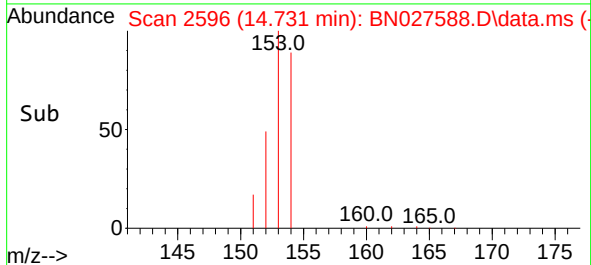
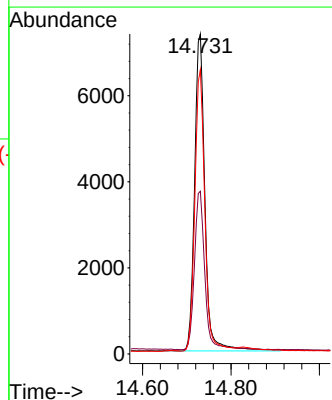
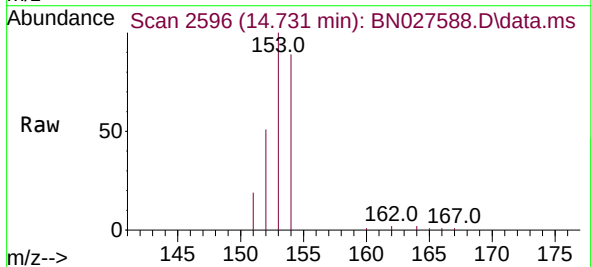
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

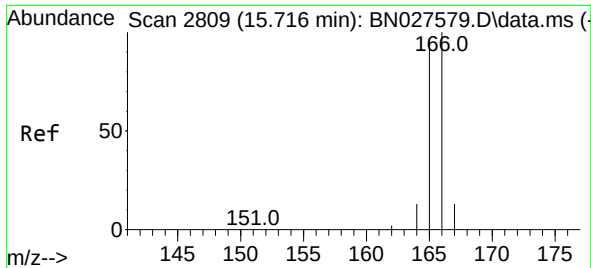
Tgt Ion:	152	Resp:	14219
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.5	11.1	16.7



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:	153	Resp:	11944
Ion Ratio	Lower	Upper	
153	100		
152	50.8	42.9	64.3
154	88.8	69.4	104.0

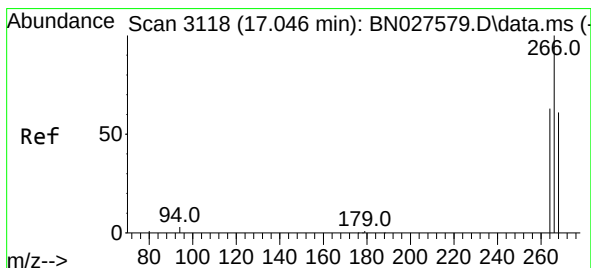
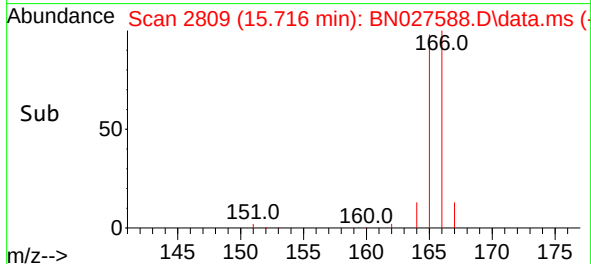
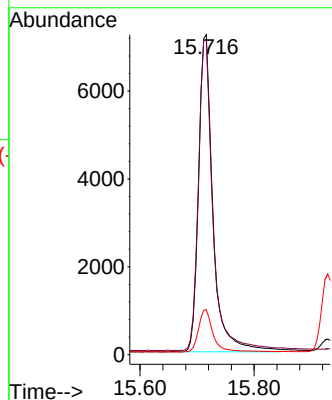
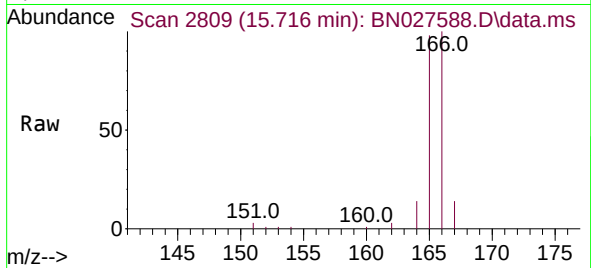




#12
 Fluorene
 Concen: 0.374 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. 0.000 min
 Lab File: BN027588.D
 Acq: 11 Sep 2023 22:50

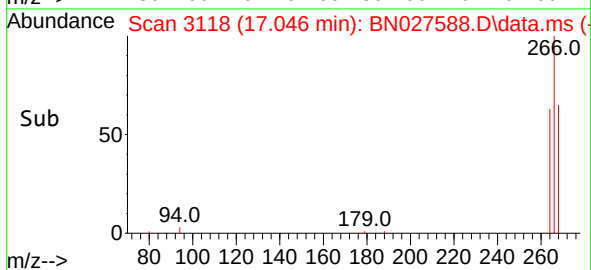
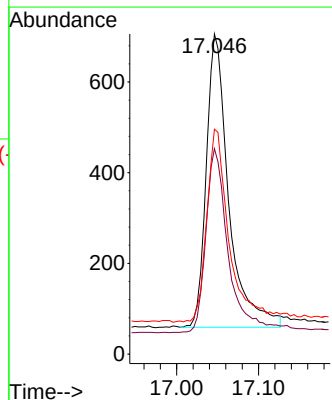
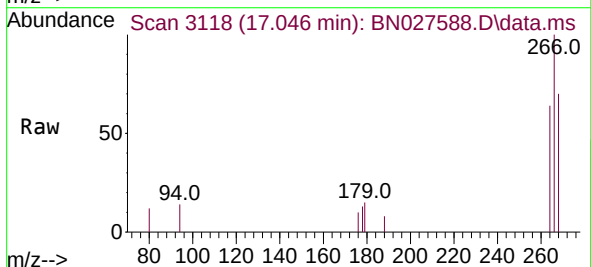
Instrument :
 BNA_N
 ClientSampleId :
 SST0.4262

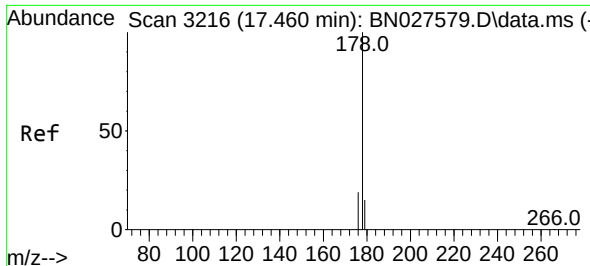
Tgt Ion:166 Resp: 12648
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.6 119.4
 167 14.1 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.421 ng/ul
 RT: 17.046 min Scan# 3118
 Delta R.T. 0.000 min
 Lab File: BN027588.D
 Acq: 11 Sep 2023 22:50

Tgt Ion:266 Resp: 1232
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.4 75.6
 268 66.3 51.9 77.9

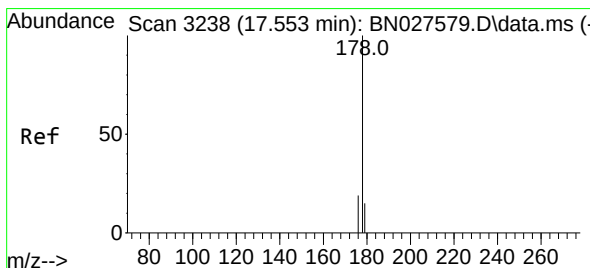
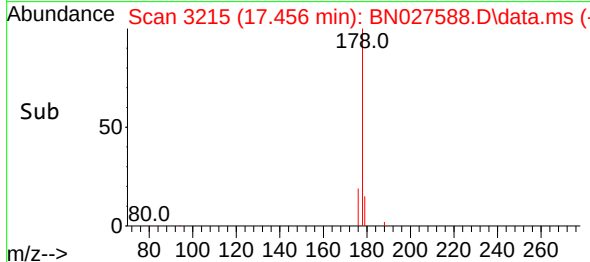
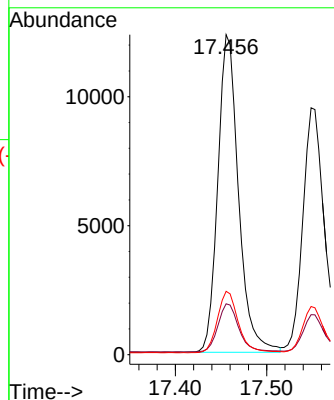
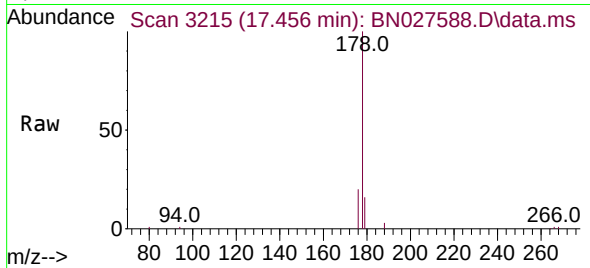




#15
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.456 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

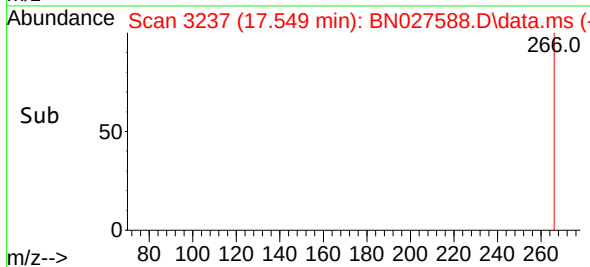
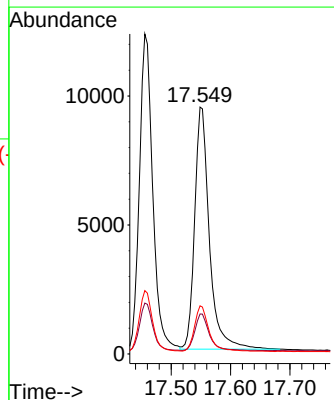
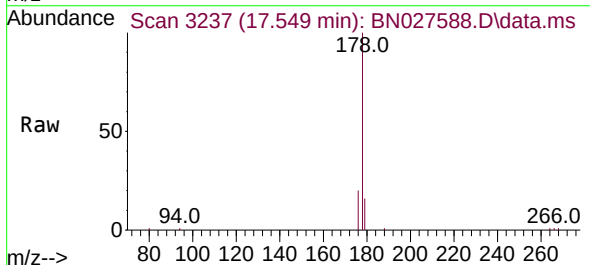
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

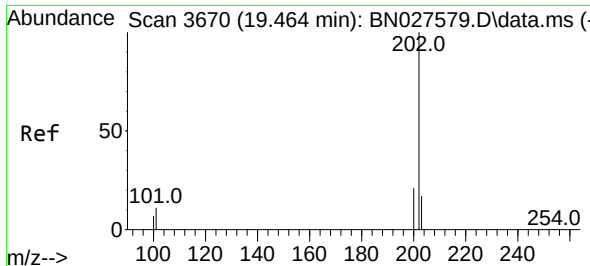
Tgt Ion:178 Resp: 19364
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.8 15.8 23.8



#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.549 min Scan# 3237
Delta R.T. -0.004 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:178 Resp: 16143
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.5 15.6 23.4

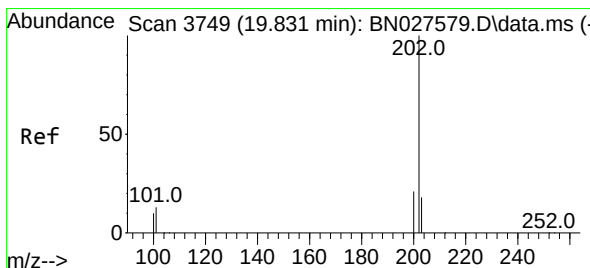
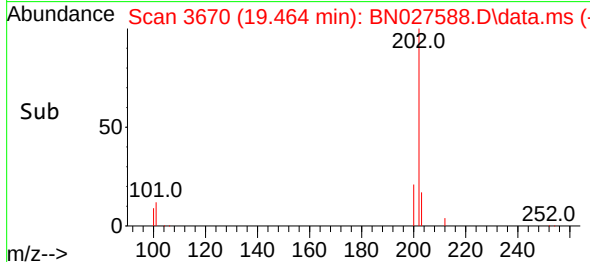
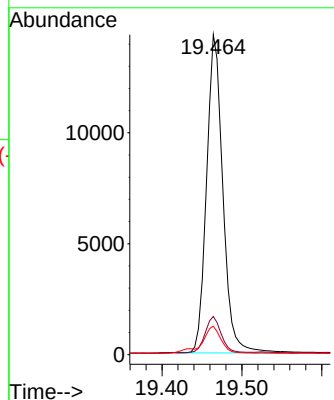
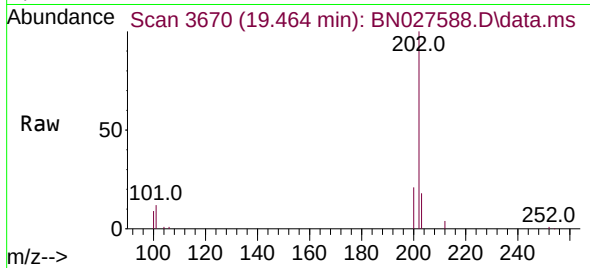




#19
Fluoranthene
Concen: 0.391 ng/ul
RT: 19.464 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

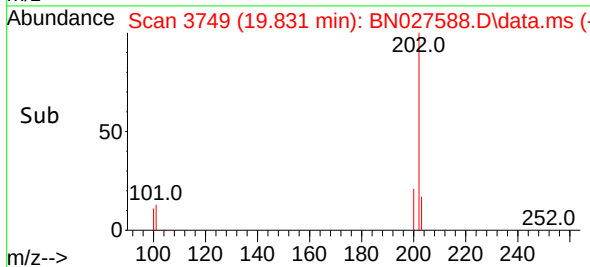
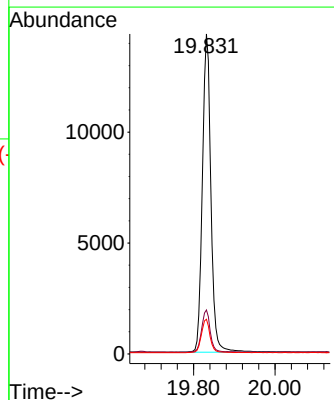
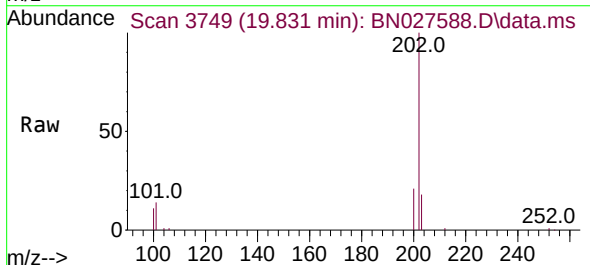
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

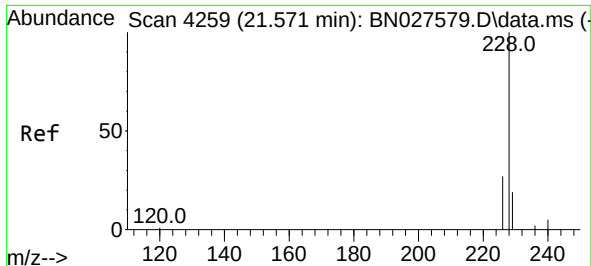
Tgt Ion:202 Resp: 20365
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:202 Resp: 20891
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 10.9 9.4 14.2

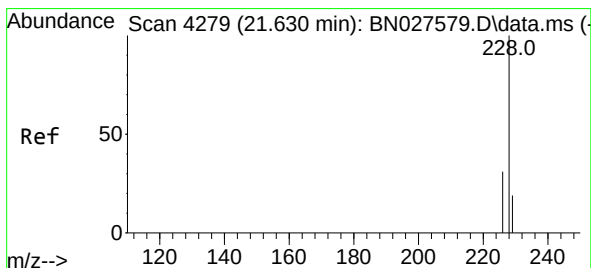
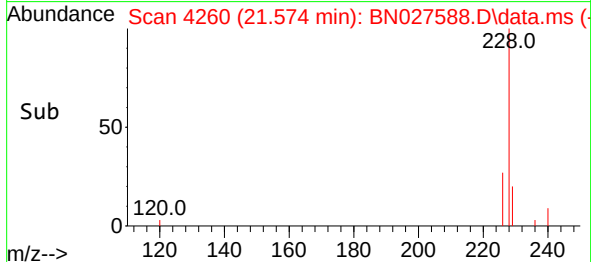
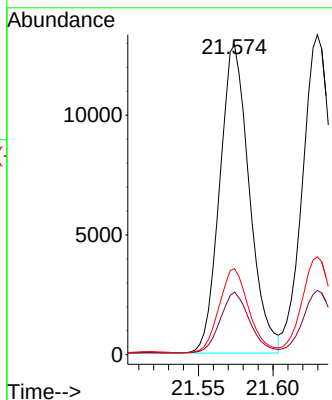
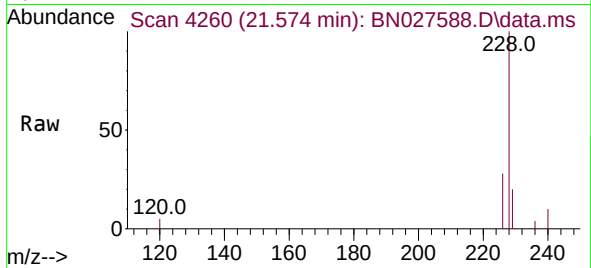




#21
Benzo(a)anthracene
Concen: 0.437 ng/ul
RT: 21.574 min Scan# 4259
Delta R.T. 0.003 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

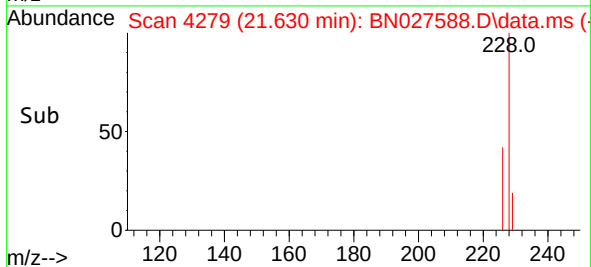
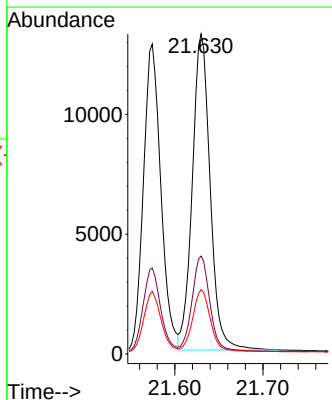
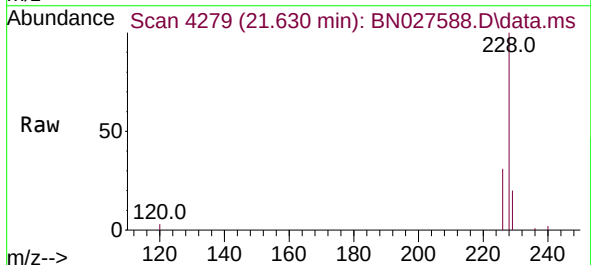
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

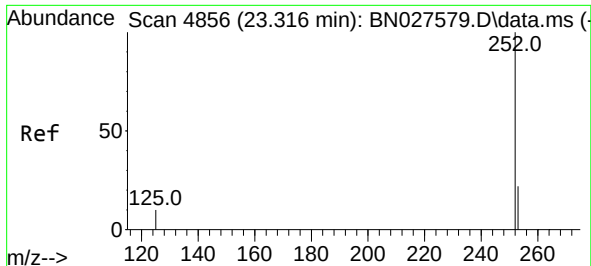
Tgt Ion:228 Resp: 17811
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:228 Resp: 18646
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 20.1 15.6 23.4

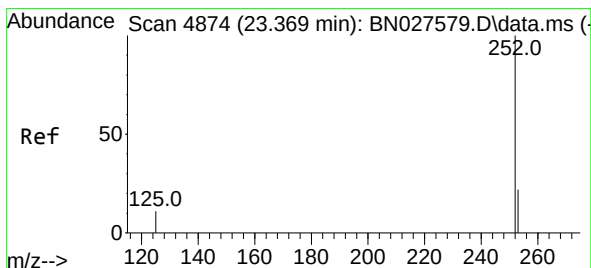
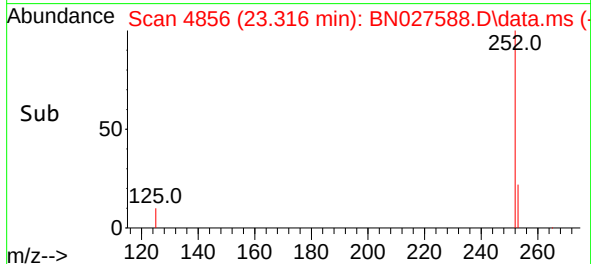
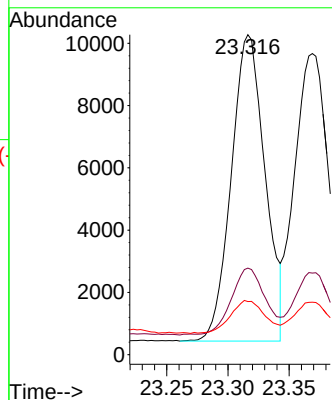
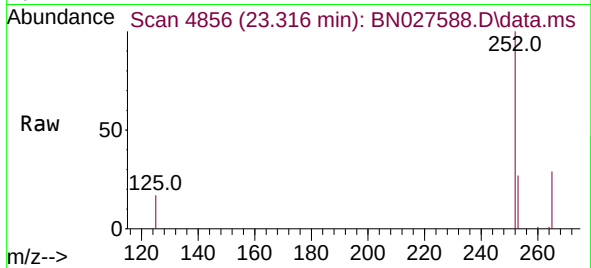




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

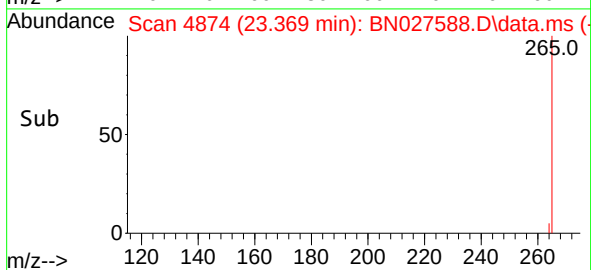
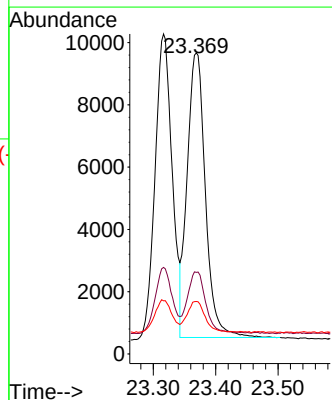
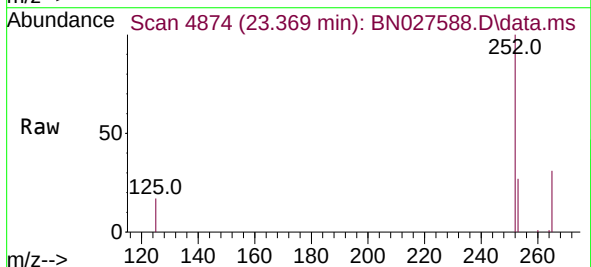
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

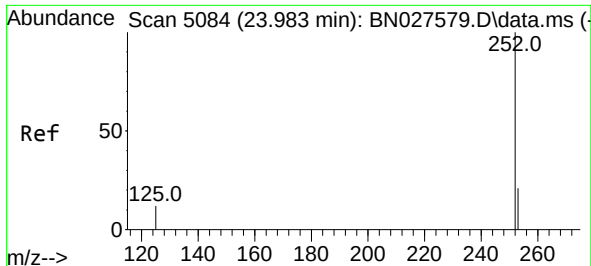
Tgt Ion:252 Resp: 18833
Ion Ratio Lower Upper
252 100
253 27.1 0.0 49.6
125 16.6 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

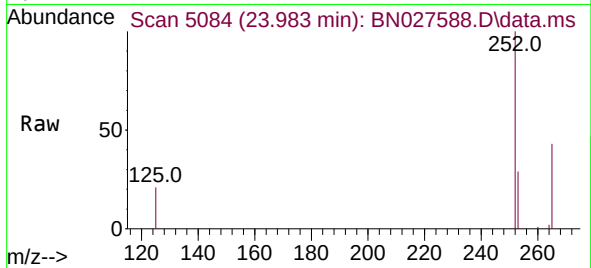
Tgt Ion:252 Resp: 18619
Ion Ratio Lower Upper
252 100
253 27.1 19.9 29.9
125 17.4 13.6 20.4



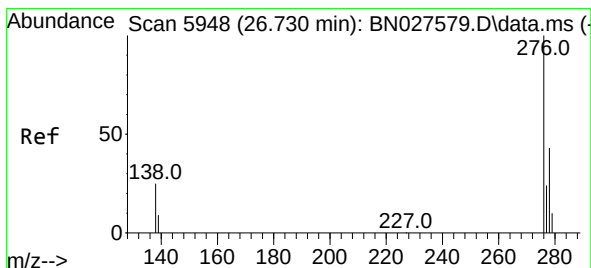
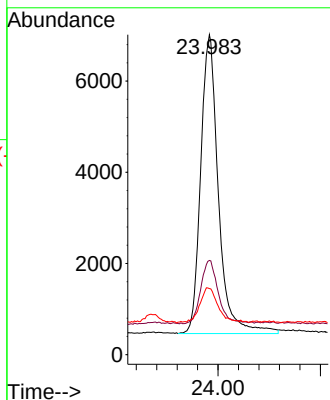
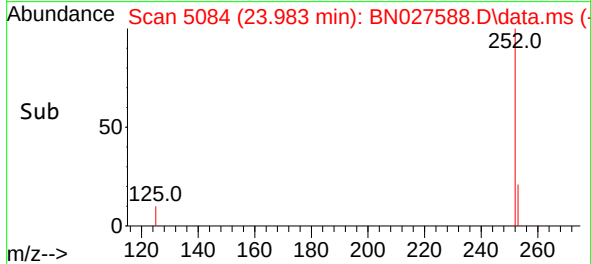


#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.983 min Scan# 5084
Delta R.T. 0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

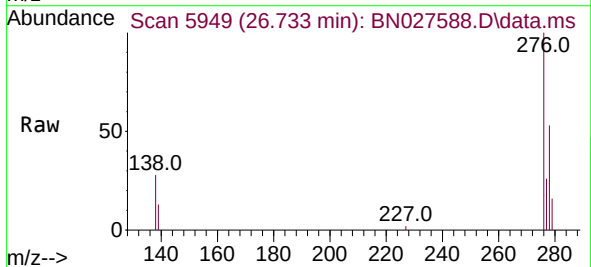
Instrument :
BNA_N
ClientSampleId :
SSTD0.4262



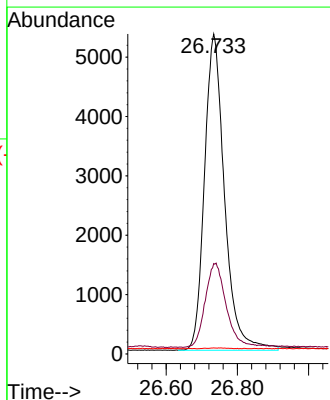
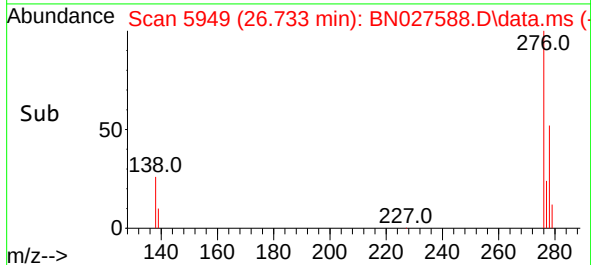
Tgt Ion:252 Resp: 15746
Ion Ratio Lower Upper
252 100
253 29.4 22.4 33.6
125 20.6 17.4 26.2

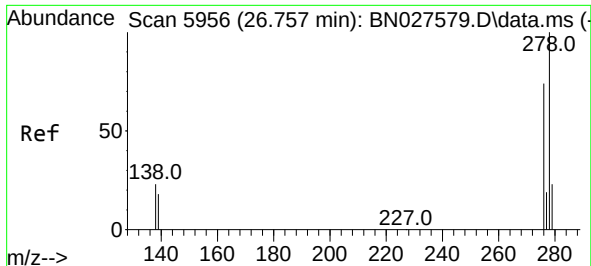


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 26.733 min Scan# 5949
Delta R.T. 0.003 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50



Tgt Ion:276 Resp: 20810
Ion Ratio Lower Upper
276 100
138 28.2 23.9 35.9
227 0.2 0.1 0.1

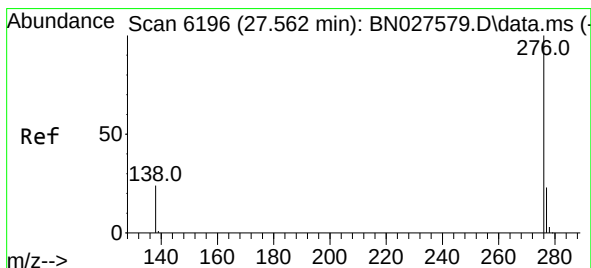
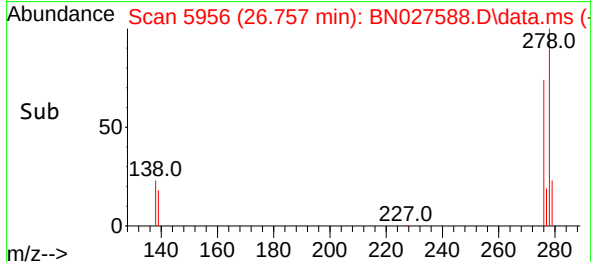
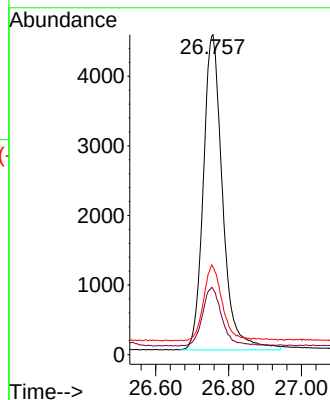
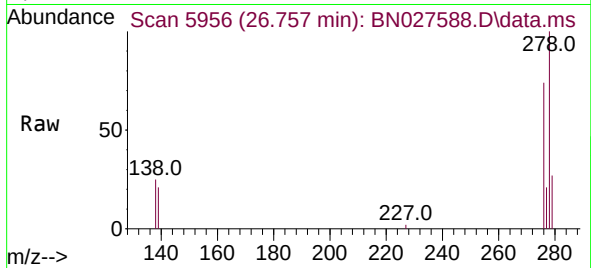




#28
Dibenzo(a,h)anthracene
Concen: 0.485 ng/ul
RT: 26.757 min Scan# 5956
Delta R.T. -0.000 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.4262

Tgt Ion:278 Resp: 16651
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 27.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 27.552 min Scan# 6193
Delta R.T. -0.010 min
Lab File: BN027588.D
Acq: 11 Sep 2023 22:50

Tgt Ion:276 Resp: 18168
Ion Ratio Lower Upper
276 100
138 25.6 22.1 33.1
277 24.8 20.2 30.4

