

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027528.D
 Acq On : 10 Sep 2023 07:28
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4258

Quant Time: Sep 11 01:17:57 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

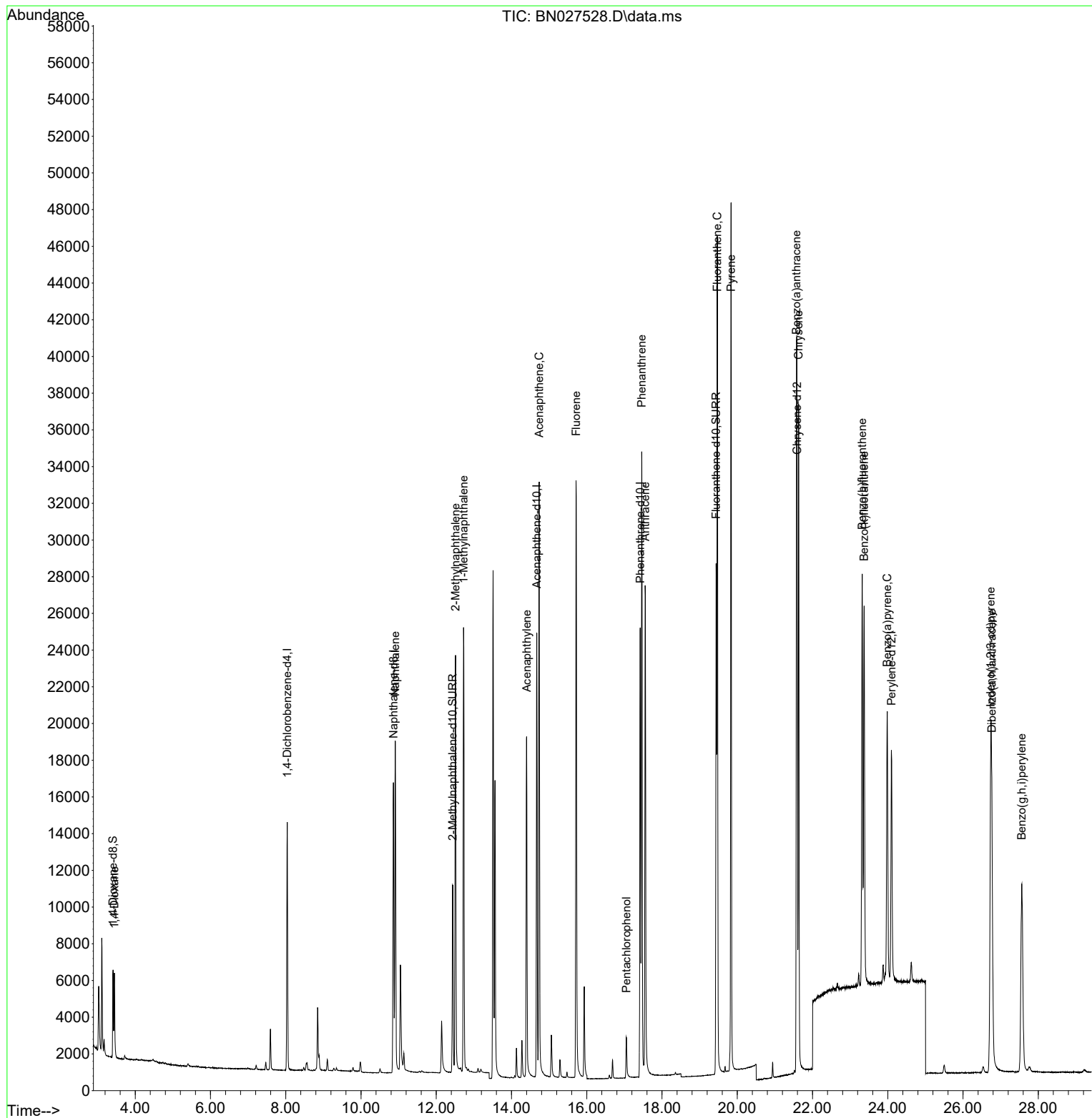
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	22654	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.671	164	13572	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	31054	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	22430	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	19454	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3367	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	14154	0.412	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	31635	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	3341	0.360	ng/ul#	89
5) Naphthalene	10.911	128	25155	0.383	ng/ul	100
7) 2-Methylnaphthalene	12.511	142	16671	0.406	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	17090	0.390	ng/ul	100
10) Acenaphthylene	14.402	152	23987	0.386	ng/ul	99
11) Acenaphthene	14.735	153	19713	0.369	ng/ul	97
12) Fluorene	15.716	166	22897	0.382	ng/ul	100
14) Pentachlorophenol	17.050	266	1790	0.296	ng/ul	99
15) Phenanthrene	17.460	178	37465	0.370	ng/ul	100
16) Anthracene	17.553	178	32183	0.400	ng/ul	99
19) Fluoranthene	19.469	202	40784	0.395	ng/ul	99
20) Pyrene	19.836	202	41296	0.393	ng/ul	96
21) Benzo(a)anthracene	21.574	228	33181	0.411	ng/ul	100
22) Chrysene	21.630	228	33453	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.319	252	31386	0.342	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	29998	0.334	ng/ul	97
26) Benzo(a)pyrene	23.986	252	25144	0.350	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.734	276	30351	0.381	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.764	278	24244	0.398	ng/ul	97
29) Benzo(g,h,i)perylene	27.559	276	25803	0.359	ng/ul	97

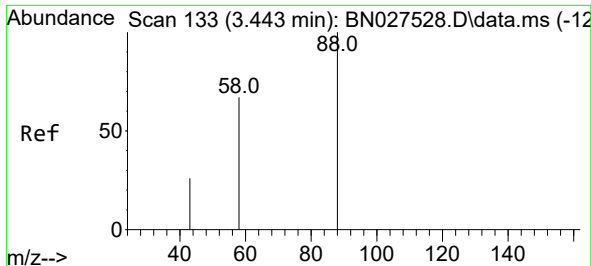
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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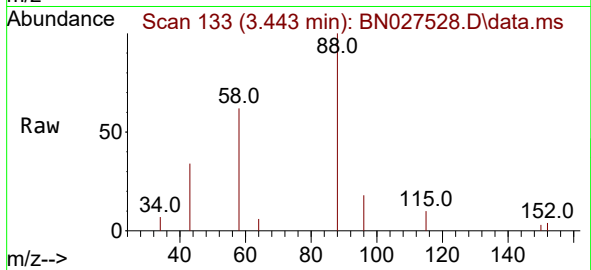
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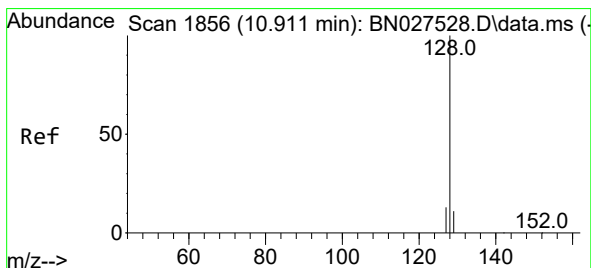
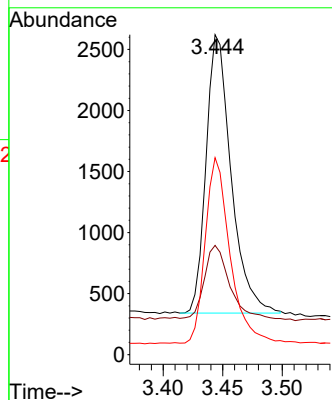
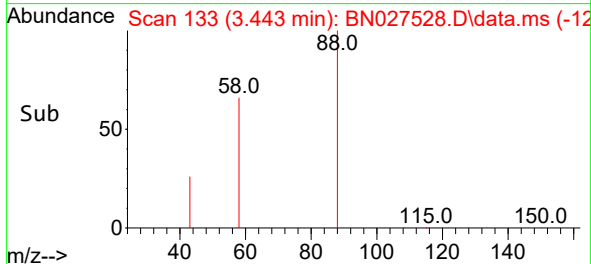


#2
1,4-Dioxane
Concen: 0.360 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

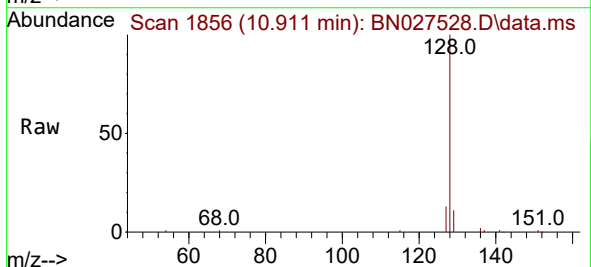
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BNA_N
ClientSampleId :
SSTD0.4258



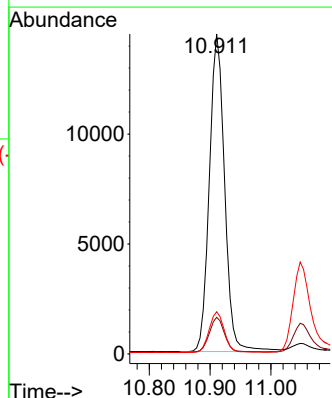
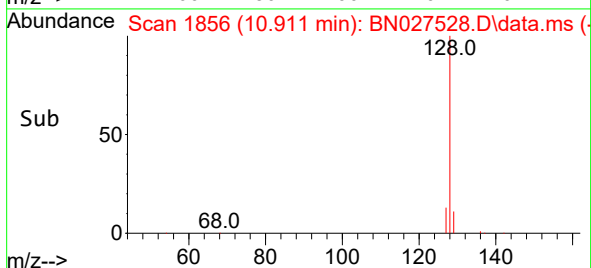
Tgt Ion: 88 Resp: 3341
Ion Ratio Lower Upper
88 100
43 34.1 26.8 40.2
58 61.5 39.9 59.9#

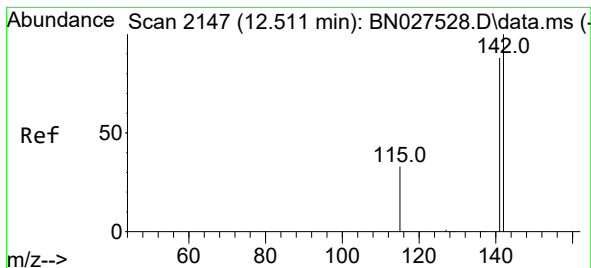


#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28



Tgt Ion: 128 Resp: 25155
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.2 10.6 16.0

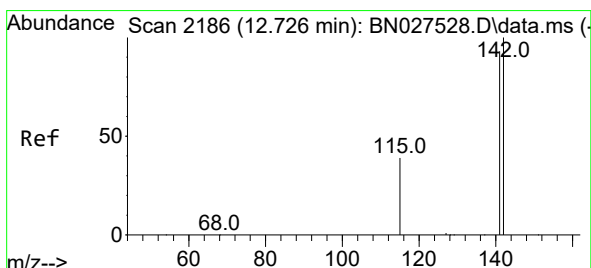
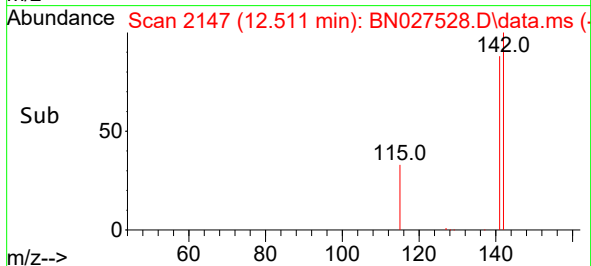
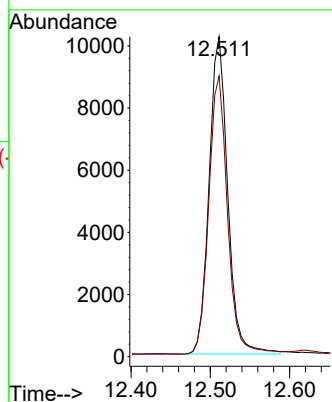
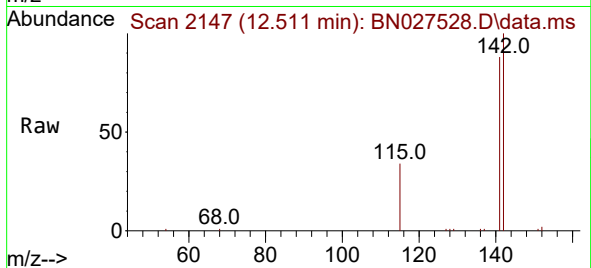




#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

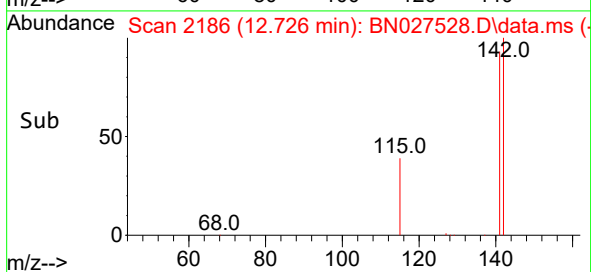
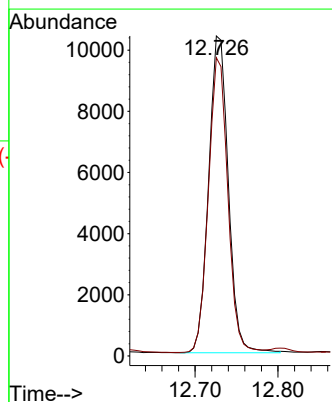
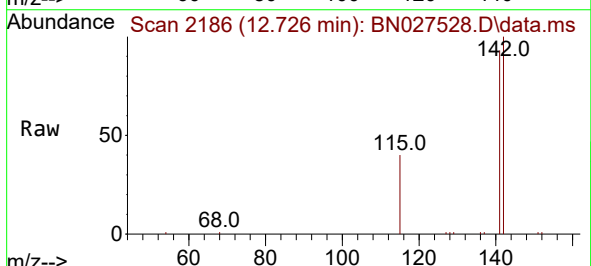
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

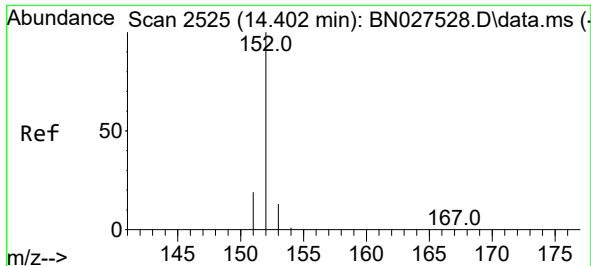
Tgt Ion:142 Resp: 16671
Ion Ratio Lower Upper
142 100
141 88.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Tgt Ion:142 Resp: 17090
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

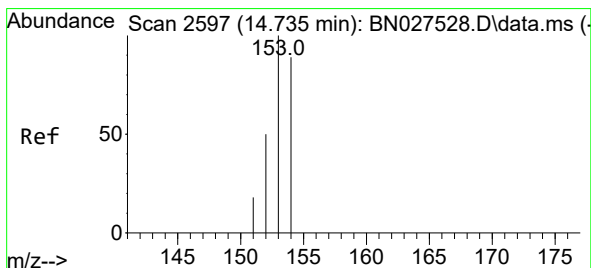
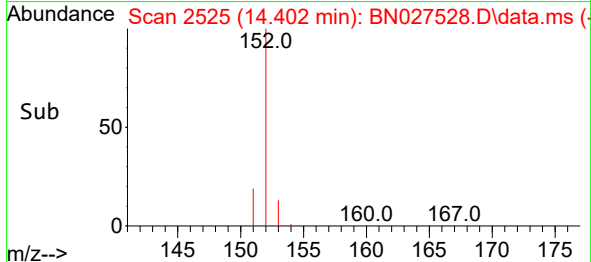
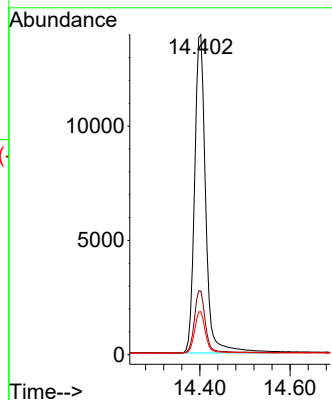
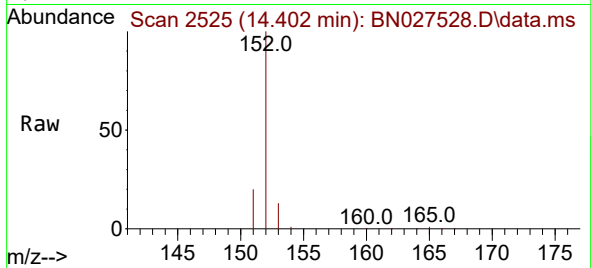




#10
Acenaphthylene
Concen: 0.386 ng/ul
RT: 14.402 min Scan# 2525
Delta R.T. -0.005 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

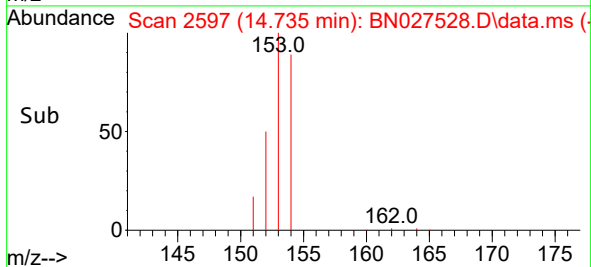
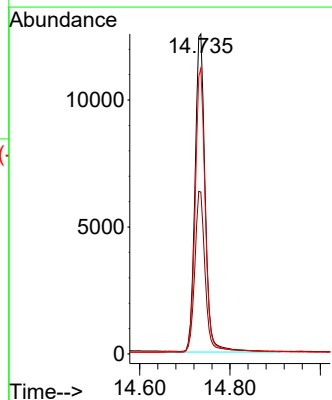
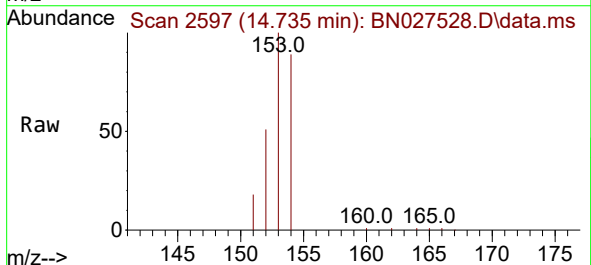
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

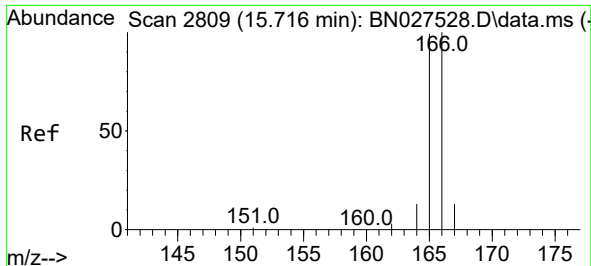
Tgt Ion:152	Resp:	23987
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.3 24.5
153	13.5	11.1 16.7



#11
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Tgt Ion:153	Resp:	19713
Ion Ratio	Lower	Upper
153	100	
152	50.6	42.9 64.3
154	89.3	69.4 104.0

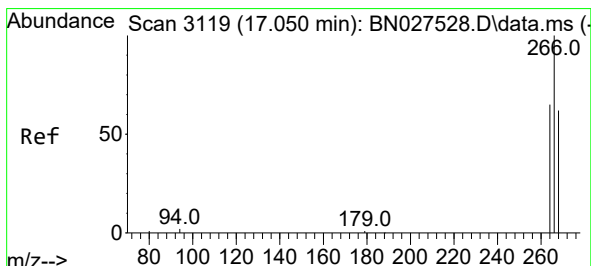
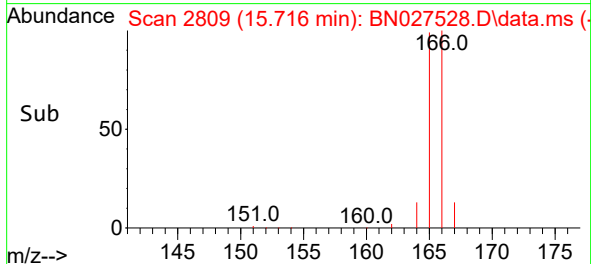
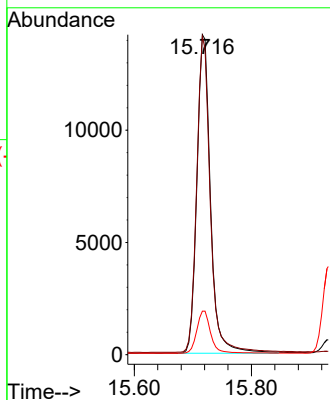
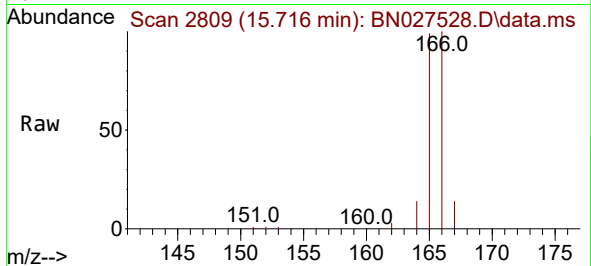




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.716 min Scan# 2809
Delta R.T. -0.009 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

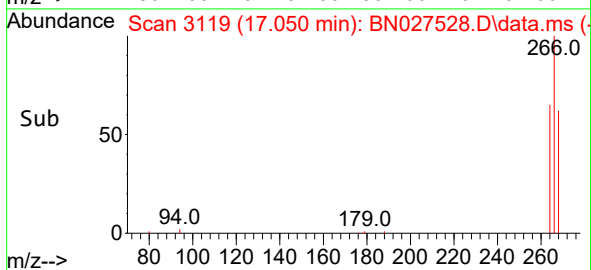
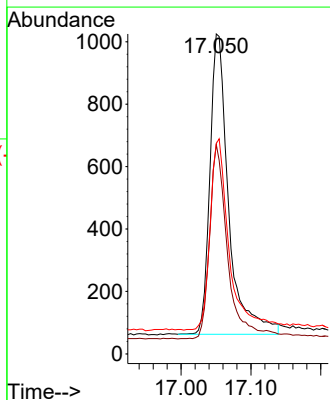
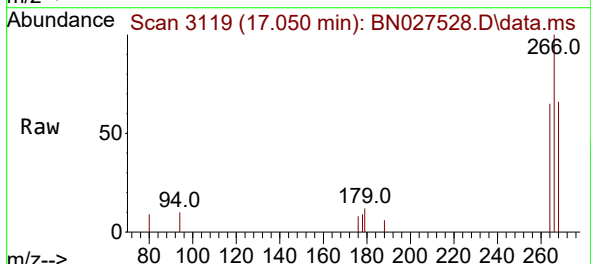
Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

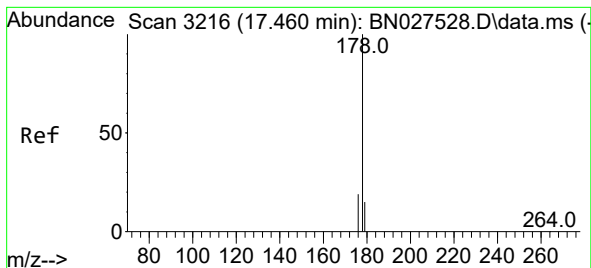
Tgt Ion:166 Resp: 22897
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.296 ng/ul
RT: 17.050 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Tgt Ion:266 Resp: 1790
Ion Ratio Lower Upper
266 100
264 62.5 50.4 75.6
268 65.4 51.9 77.9





#15

Phenanthrene

Concen: 0.370 ng/ul

RT: 17.460 min Scan# 3216

Delta R.T. -0.008 min

Lab File: BN027528.D

Acq: 10 Sep 2023 07:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.4258

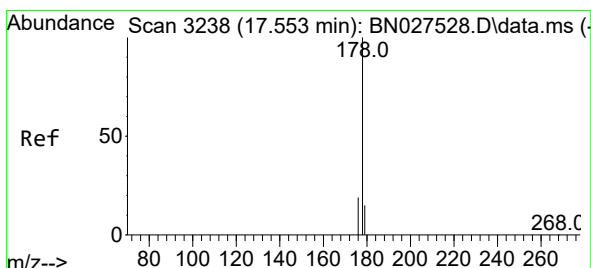
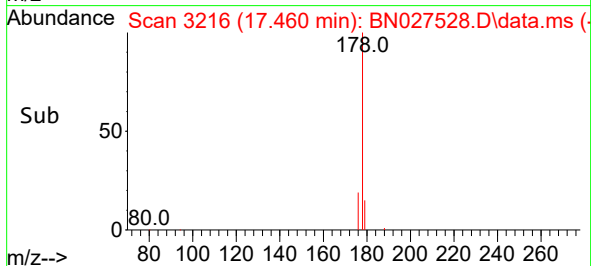
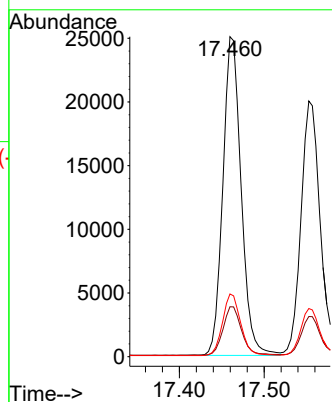
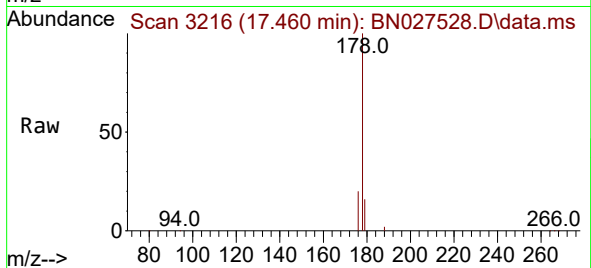
Tgt Ion:178 Resp: 37465

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

176 19.6 15.8 23.8



#16

Anthracene

Concen: 0.400 ng/ul

RT: 17.553 min Scan# 3238

Delta R.T. -0.008 min

Lab File: BN027528.D

Acq: 10 Sep 2023 07:28

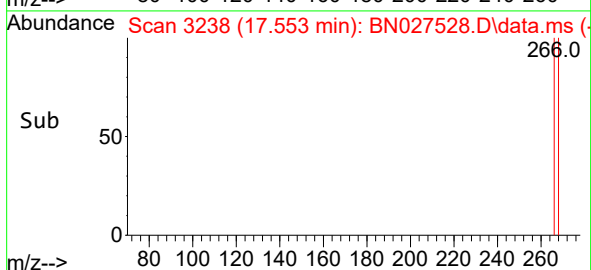
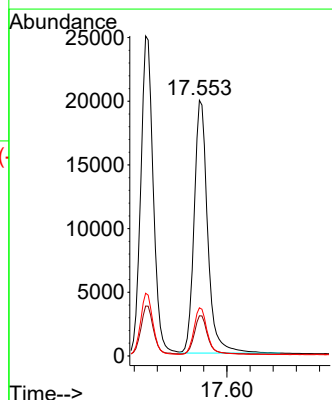
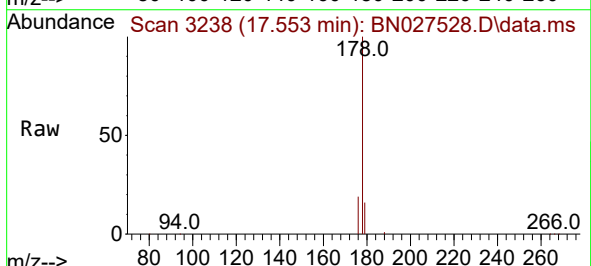
Tgt Ion:178 Resp: 32183

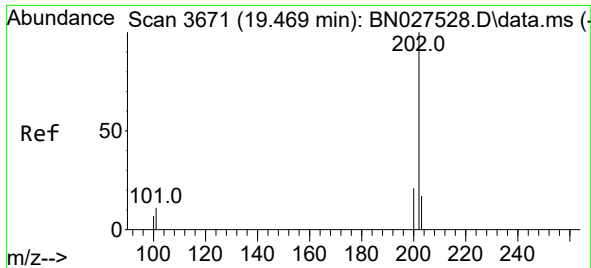
Ion Ratio Lower Upper

178 100

179 15.7 13.0 19.6

176 18.9 15.6 23.4





#19

Fluoranthene

Concen: 0.395 ng/ul

RT: 19.469 min Scan# 3671

Delta R.T. -0.009 min

Lab File: BN027528.D

Acq: 10 Sep 2023 07:28

Instrument :

BNA_N

ClientSampleId :

SSTD0.4258

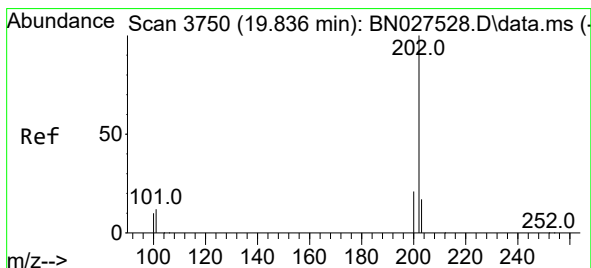
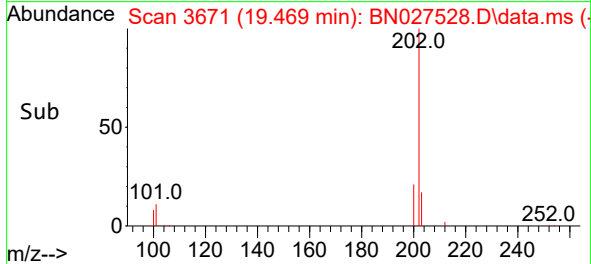
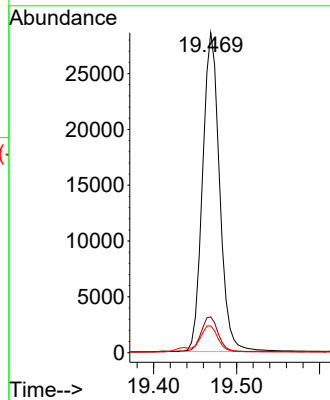
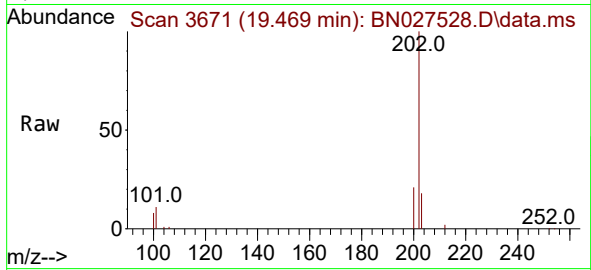
Tgt Ion:202 Resp: 40784

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.0

100 8.3 6.9 10.3



#20

Pyrene

Concen: 0.393 ng/ul

RT: 19.836 min Scan# 3750

Delta R.T. -0.005 min

Lab File: BN027528.D

Acq: 10 Sep 2023 07:28

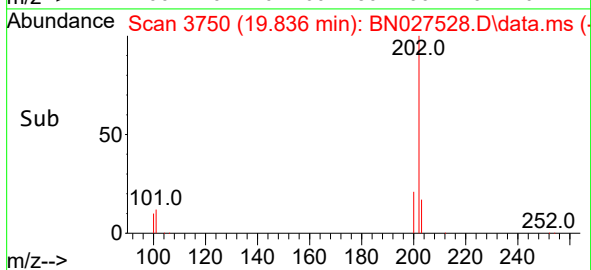
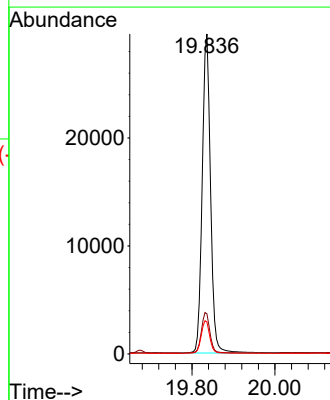
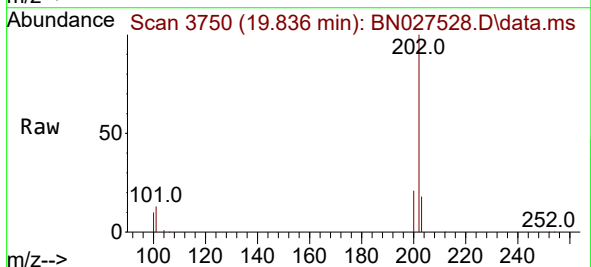
Tgt Ion:202 Resp: 41296

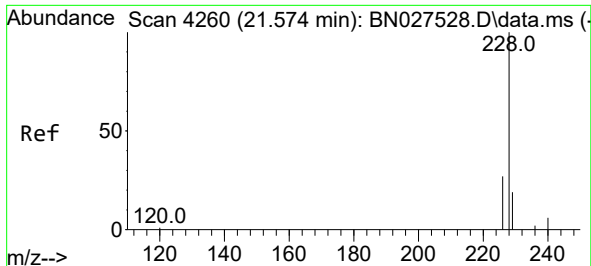
Ion Ratio Lower Upper

202 100

101 12.6 11.4 17.2

100 10.0 9.4 14.2

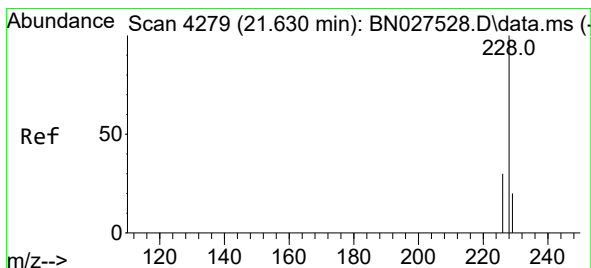
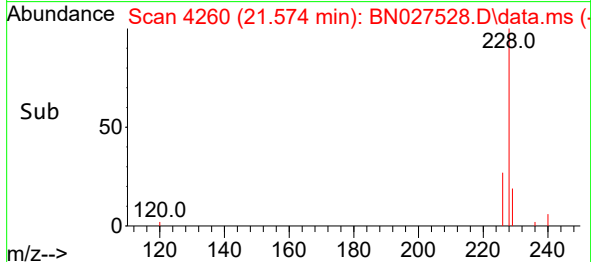
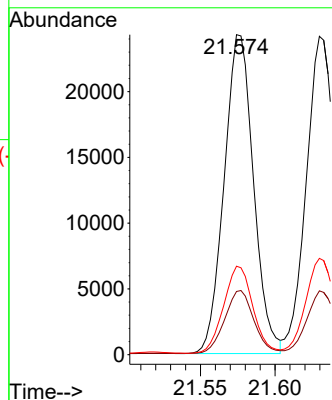
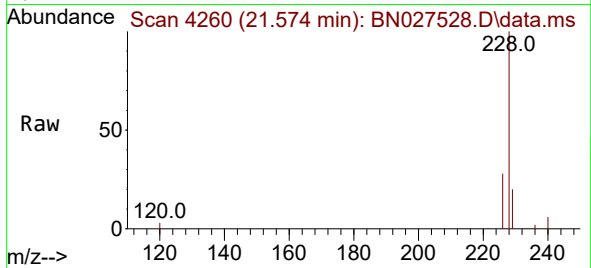




#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. -0.006 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

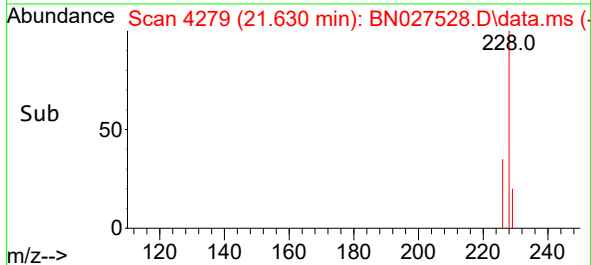
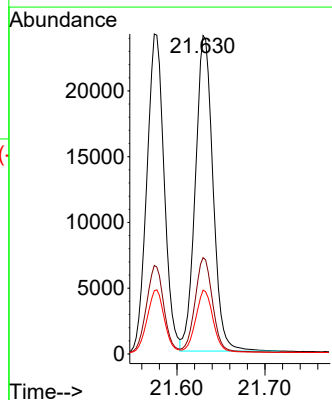
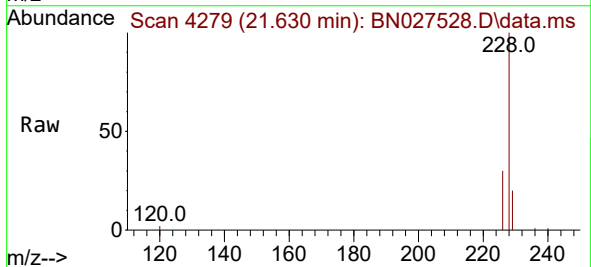
Instrument :
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SSTD0.4258

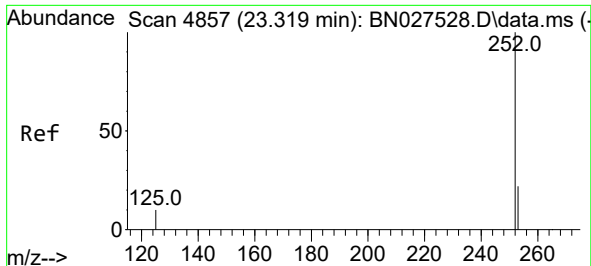
Tgt Ion:228 Resp: 33181
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

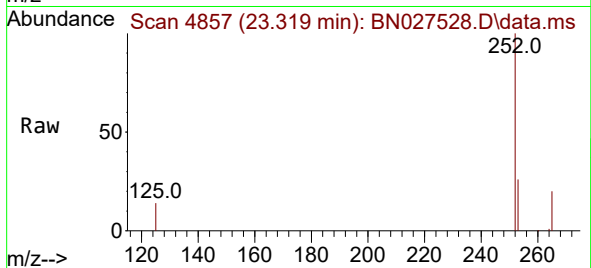
Tgt Ion:228 Resp: 33453
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 20.0 15.6 23.4



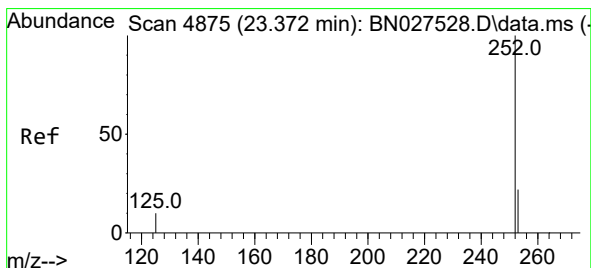
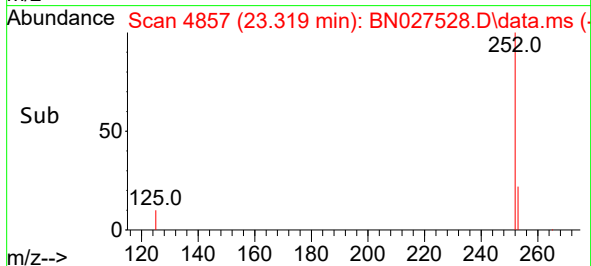
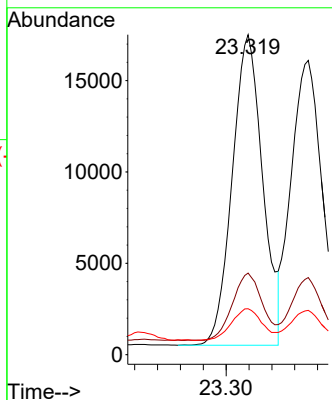


#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.319 min Scan# 4857
Delta R.T. -0.009 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

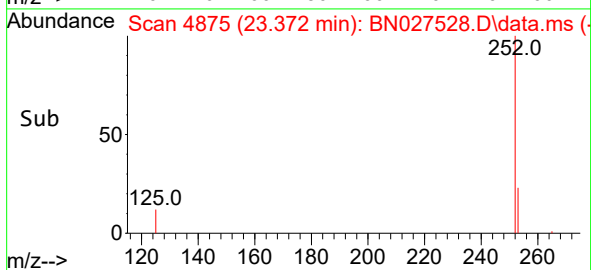
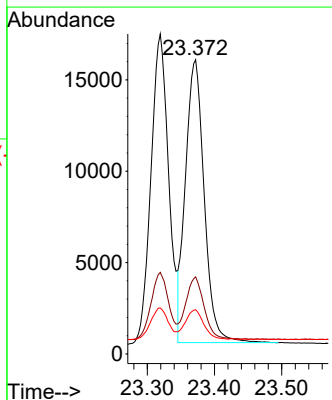
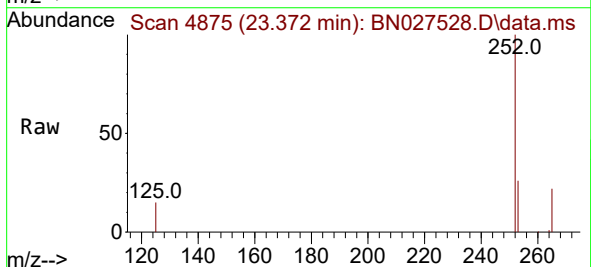


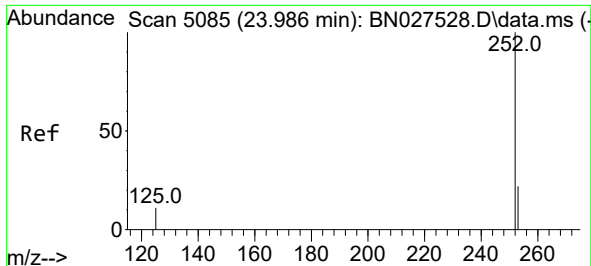
Tgt Ion:252 Resp: 31386
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.6
125 14.3 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.334 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

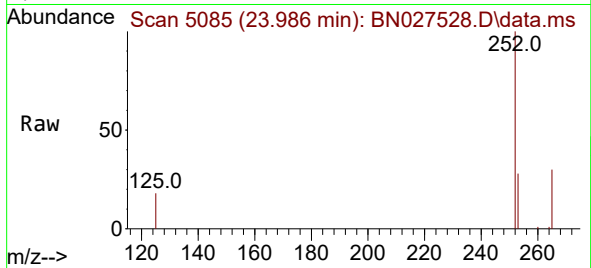
Tgt Ion:252 Resp: 29998
Ion Ratio Lower Upper
252 100
253 26.2 19.9 29.9
125 15.1 13.6 20.4



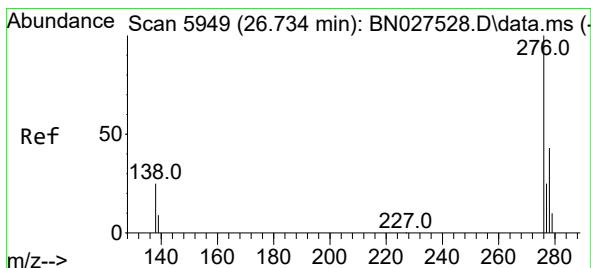
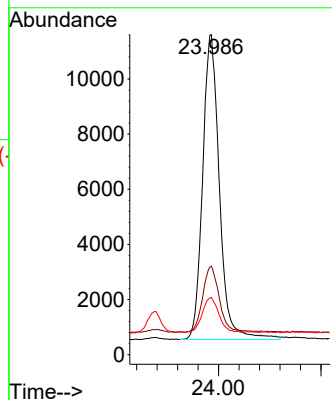
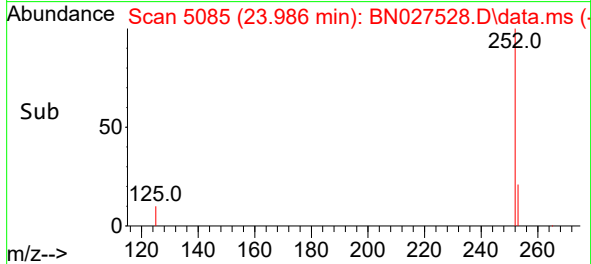


#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. -0.009 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

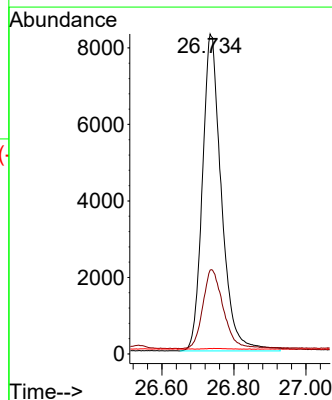
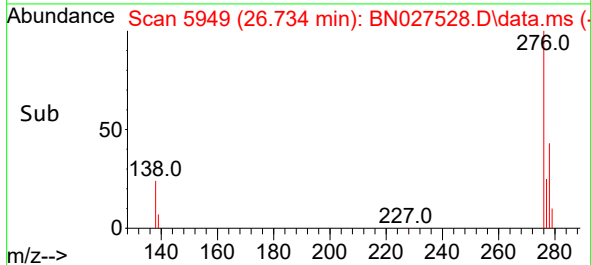
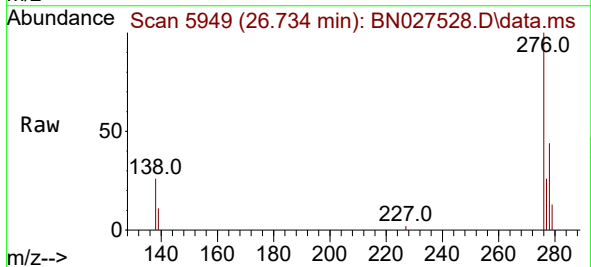


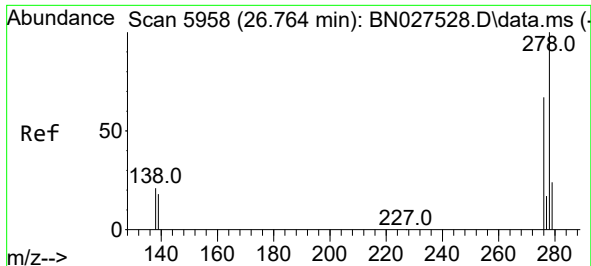
Tgt Ion:252 Resp: 25144
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 17.9 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.734 min Scan# 5949
Delta R.T. -0.020 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Tgt Ion:276 Resp: 30351
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9#
227 0.1 0.1 0.1

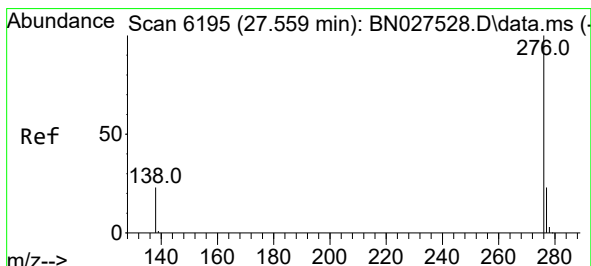
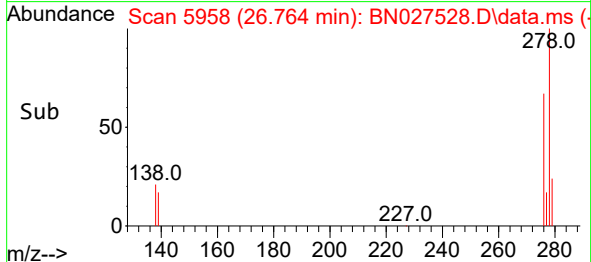
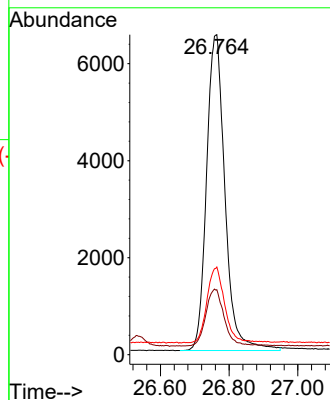
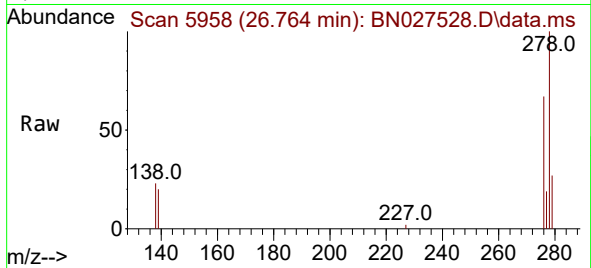




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.764 min Scan# 5958
Delta R.T. -0.013 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Instrument :
BNA_N
ClientSampleId :
SSTD0.4258

Tgt Ion:278 Resp: 24244
Ion Ratio Lower Upper
278 100
139 20.3 18.0 27.0
279 27.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 27.559 min Scan# 6195
Delta R.T. -0.024 min
Lab File: BN027528.D
Acq: 10 Sep 2023 07:28

Tgt Ion:276 Resp: 25803
Ion Ratio Lower Upper
276 100
138 24.9 22.1 33.1
277 24.8 20.2 30.4

