

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027432.D
 Acq On : 07 Sep 2023 07:21
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4260

Quant Time: Sep 08 01:55:12 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 06:16:48 2023
 Response via : Initial Calibration

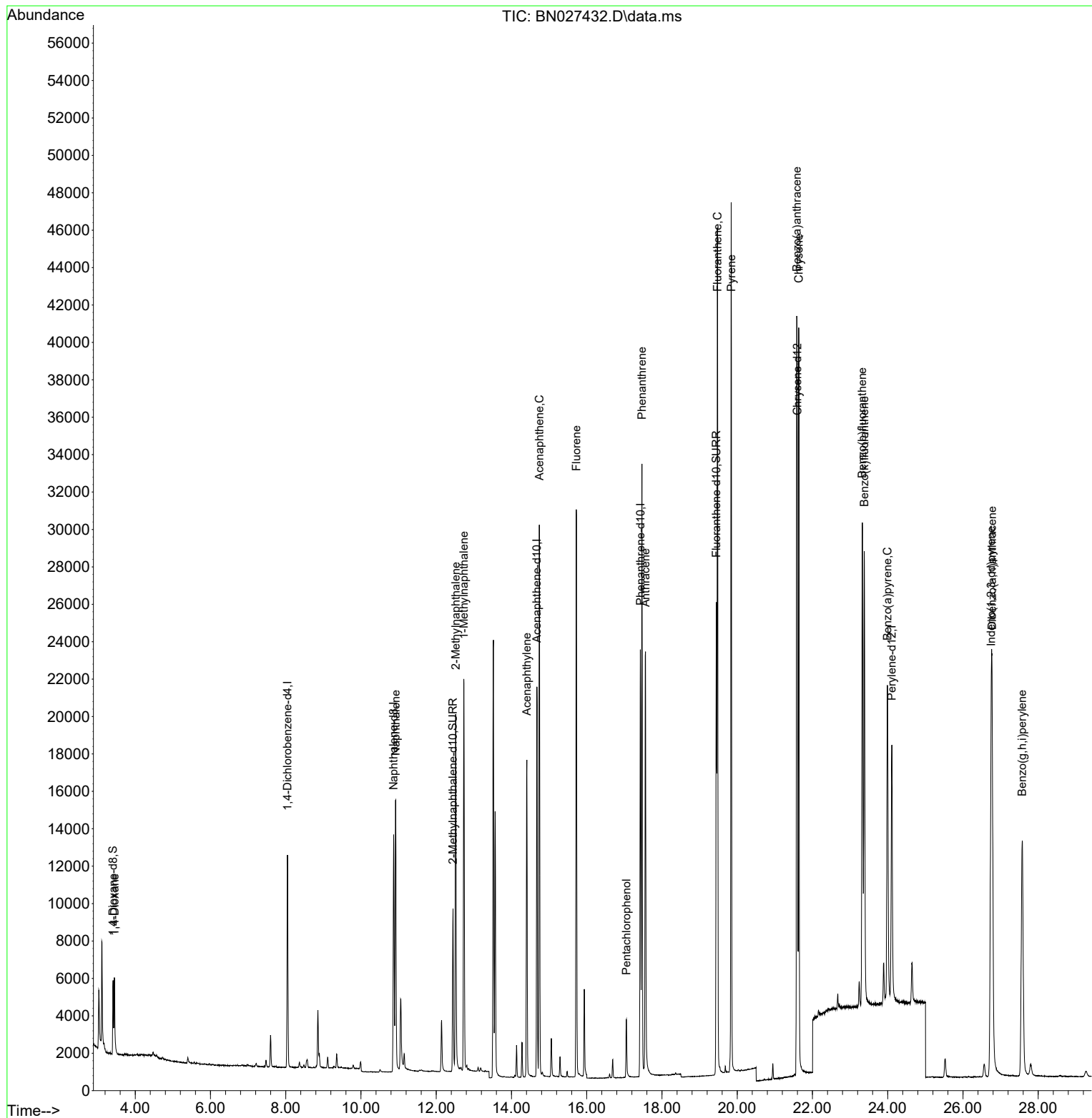
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	5875	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.867	136	18523	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.675	164	11387	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.426	188	26665	0.400	ng/ul	-0.01
17) Chrysene-d12	21.597	240	22419	0.400	ng/ul	-0.01
23) Perylene-d12	24.108	264	21078	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	2954	0.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	11687	0.416	ng/ul	-0.01
18) Fluoranthene-d10	19.445	212	28306	0.368	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	2989	0.378	ng/ul	92
5) Naphthalene	10.922	128	21026	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.517	142	13976	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	14627	0.408	ng/ul	99
10) Acenaphthylene	14.407	152	19727	0.378	ng/ul	99
11) Acenaphthene	14.740	153	16939	0.378	ng/ul	99
12) Fluorene	15.725	166	19622	0.390	ng/ul	98
14) Pentachlorophenol	17.054	266	2287	0.440	ng/ul	100
15) Phenanthrene	17.468	178	33668	0.388	ng/ul	99
16) Anthracene	17.561	178	27464	0.398	ng/ul	99
19) Fluoranthene	19.473	202	37878	0.367	ng/ul	99
20) Pyrene	19.840	202	38716	0.369	ng/ul	98
21) Benzo(a)anthracene	21.583	228	33541	0.415	ng/ul	100
22) Chrysene	21.635	228	35563	0.377	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	36815	0.370	ng/ul	97
25) Benzo(k)fluoranthene	23.377	252	34685	0.356	ng/ul	97
26) Benzo(a)pyrene	23.991	252	29568	0.380	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.750	276	36346	0.421	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.773	278	29131	0.441	ng/ul	95
29) Benzo(g,h,i)perylene	27.575	276	30528	0.392	ng/ul	98

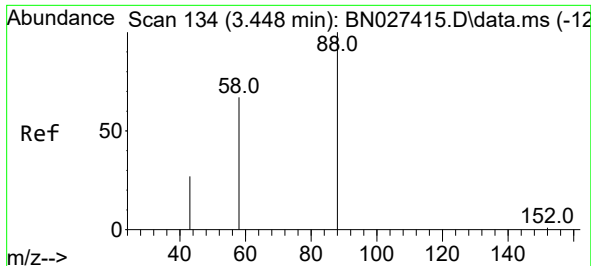
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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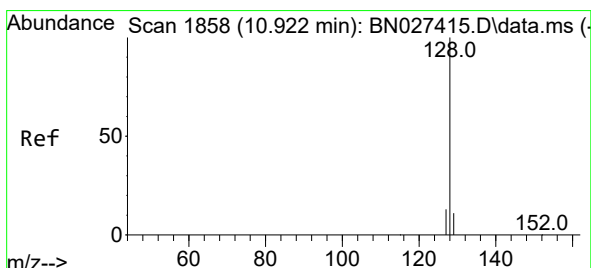
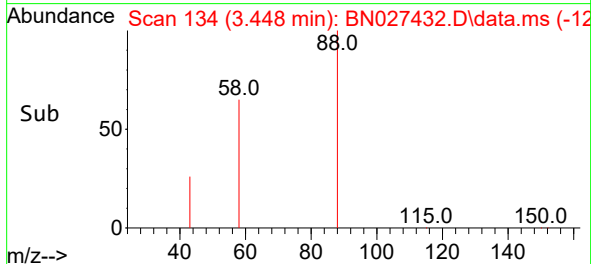
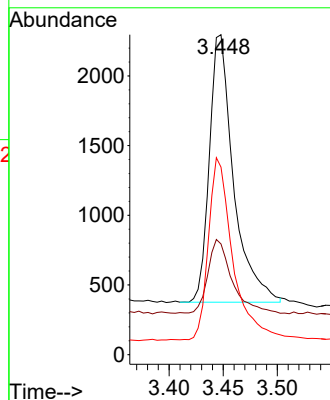
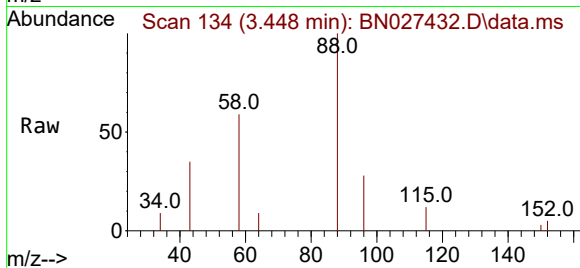




#2
1,4-Dioxane
Concen: 0.378 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

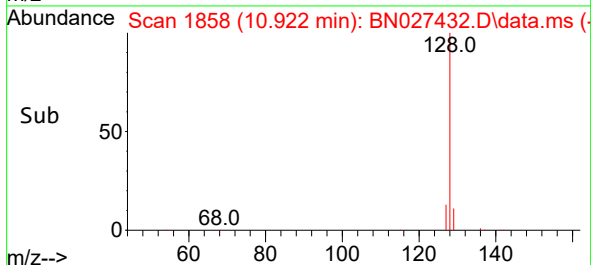
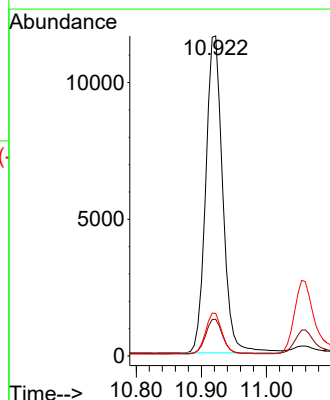
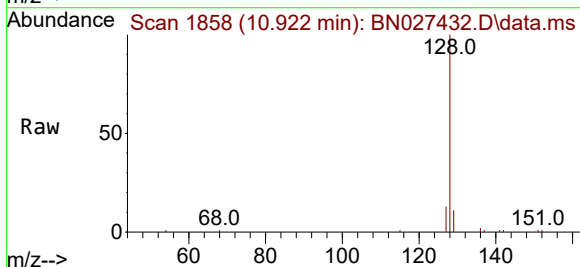
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

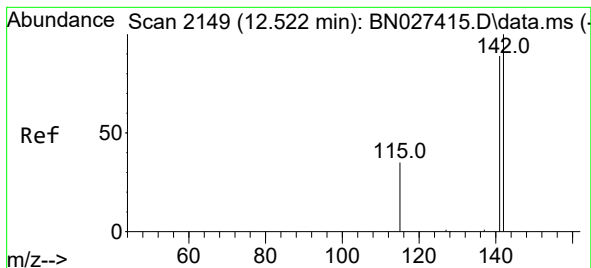
Tgt Ion: 88 Resp: 2989
Ion Ratio Lower Upper
88 100
43 34.6 26.8 40.2
58 58.6 39.9 59.9



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.922 min Scan# 1858
Delta R.T. -0.011 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion: 128 Resp: 21026
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.3 10.6 16.0

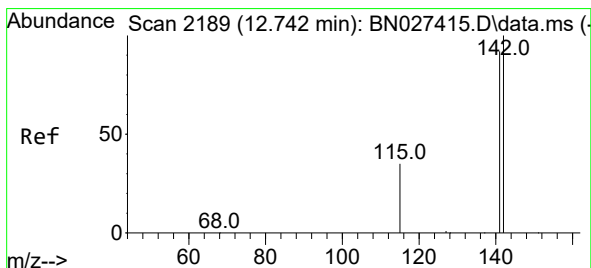
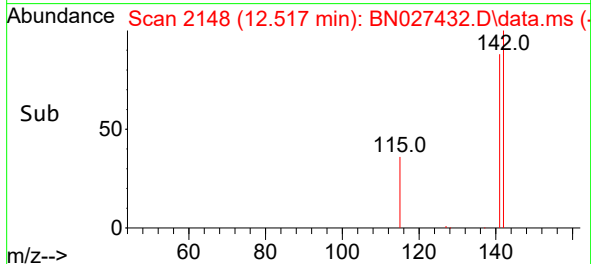
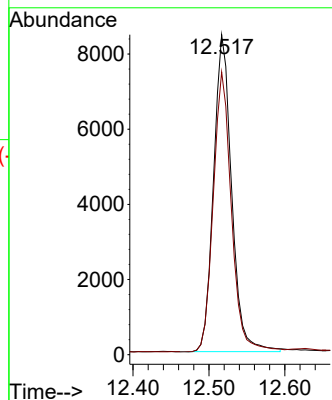
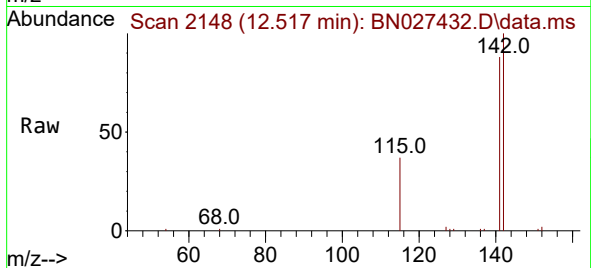




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.016 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

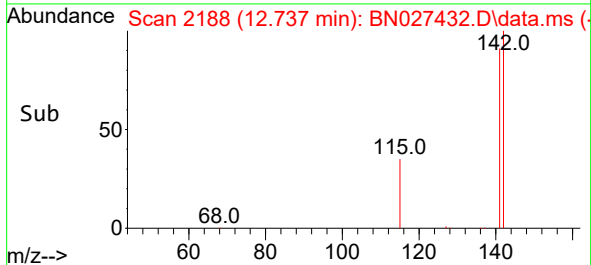
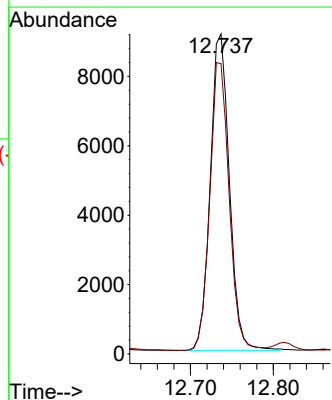
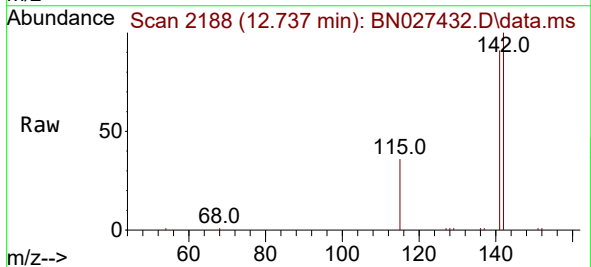
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

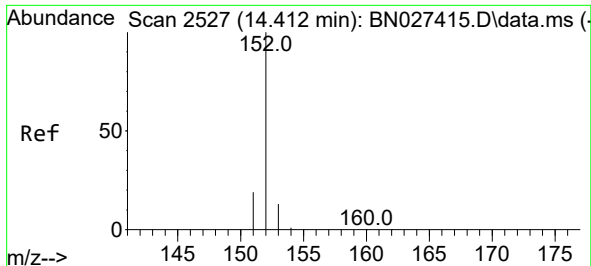
Tgt Ion:142 Resp: 13976
Ion Ratio Lower Upper
142 100
141 88.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.737 min Scan# 2188
Delta R.T. -0.011 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:142 Resp: 14627
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

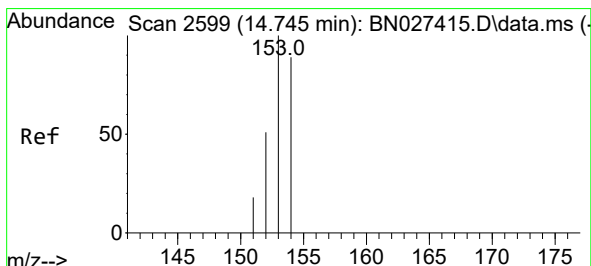
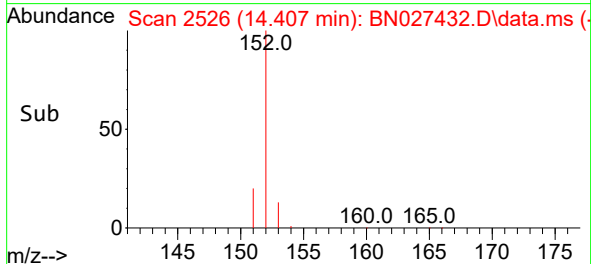
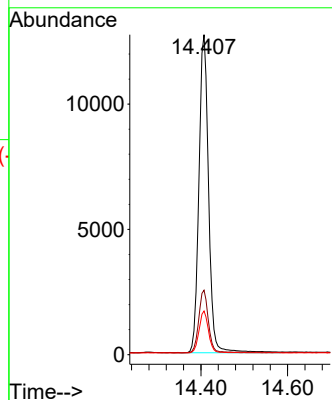
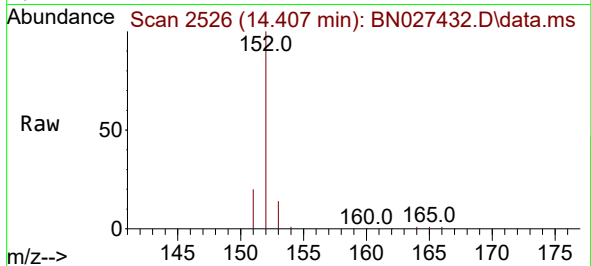




#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.407 min Scan# 2527
Delta R.T. -0.014 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

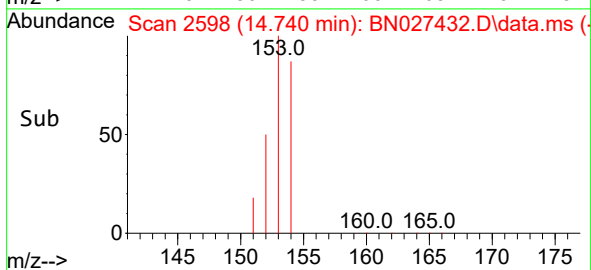
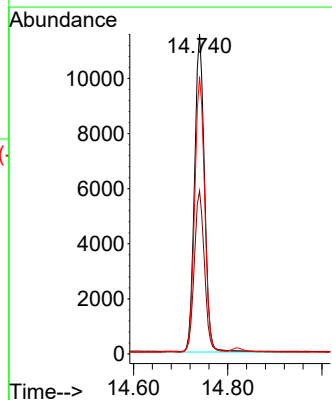
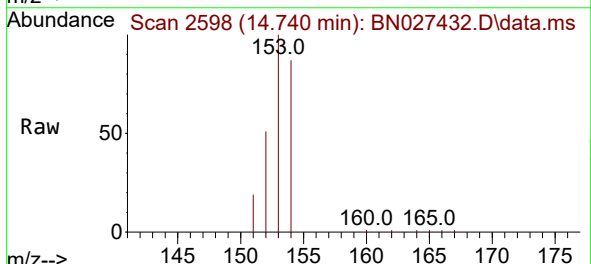
Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

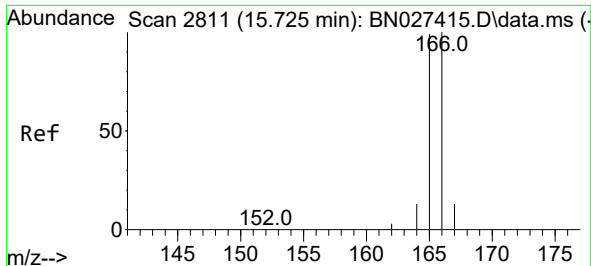
Tgt Ion:152 Resp: 19727
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.740 min Scan# 2598
Delta R.T. -0.009 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:153 Resp: 16939
Ion Ratio Lower Upper
153 100
152 51.0 42.9 64.3
154 86.7 69.4 104.0

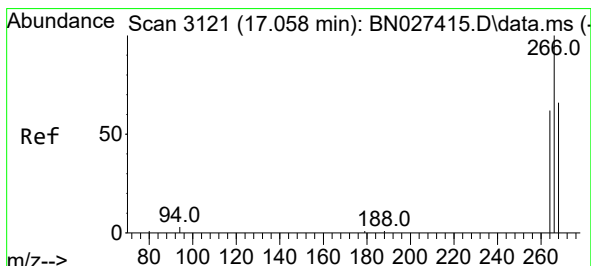
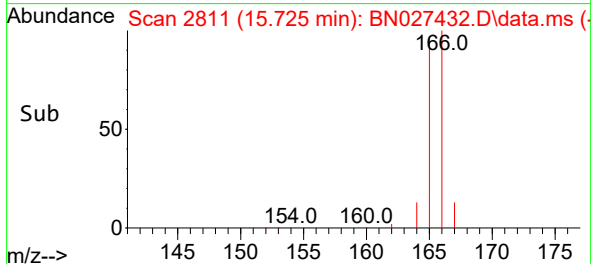
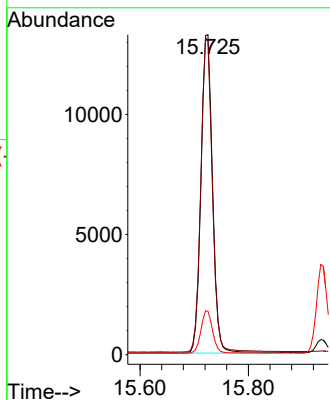
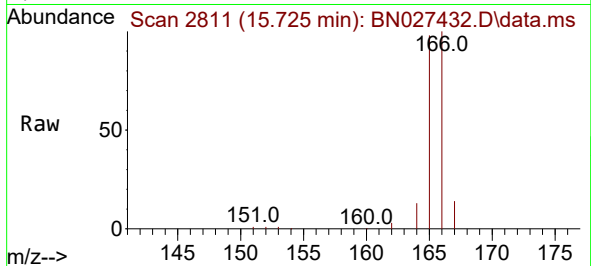




#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

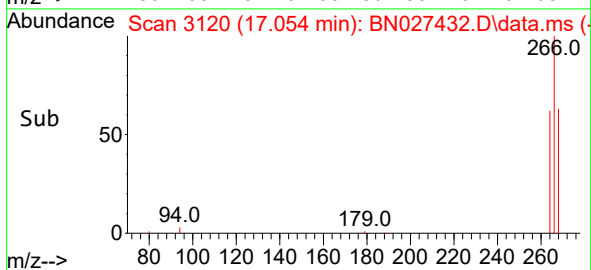
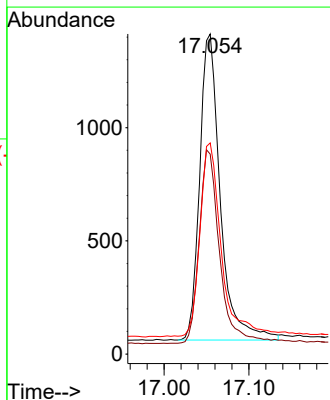
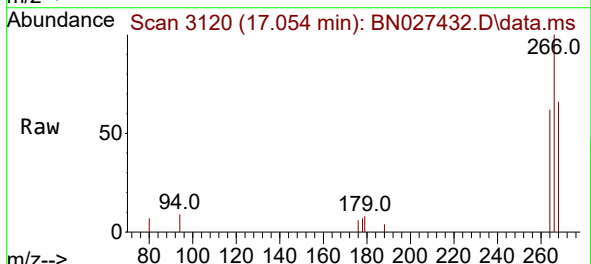
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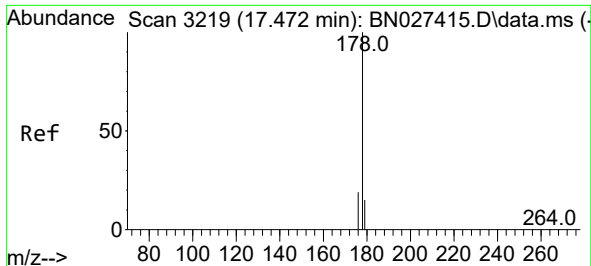
Tgt Ion:166 Resp: 19622
Ion Ratio Lower Upper
166 100
165 97.8 79.6 119.4
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.440 ng/ul
RT: 17.054 min Scan# 3120
Delta R.T. -0.013 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:266 Resp: 2287
Ion Ratio Lower Upper
266 100
264 62.7 50.4 75.6
268 65.2 51.9 77.9

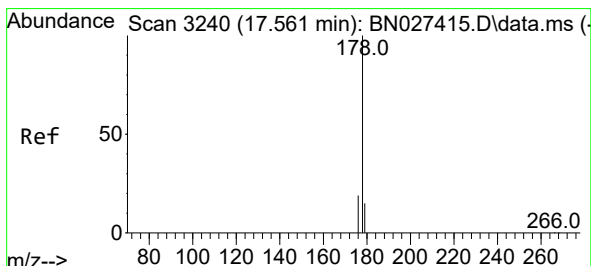
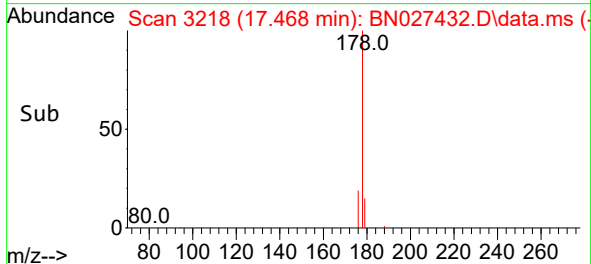
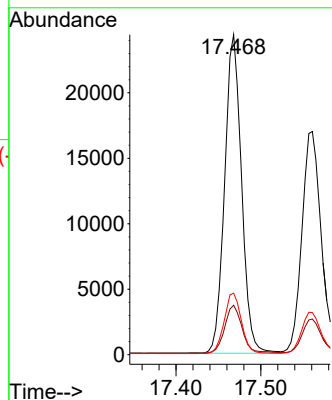
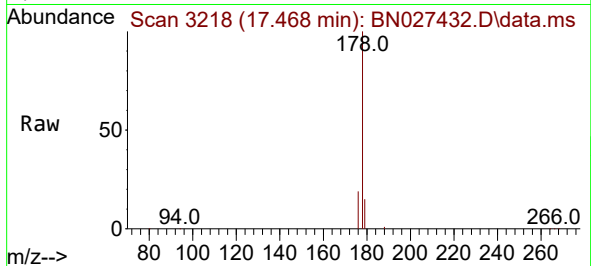




#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.013 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

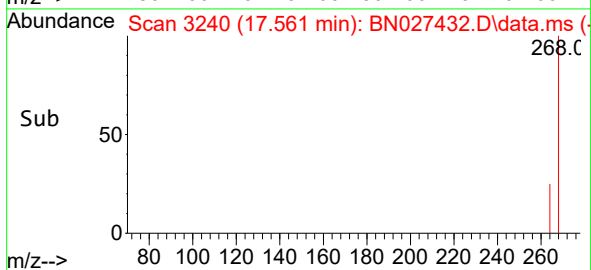
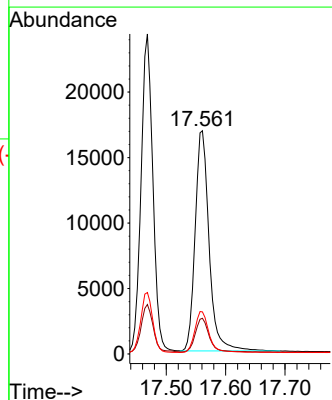
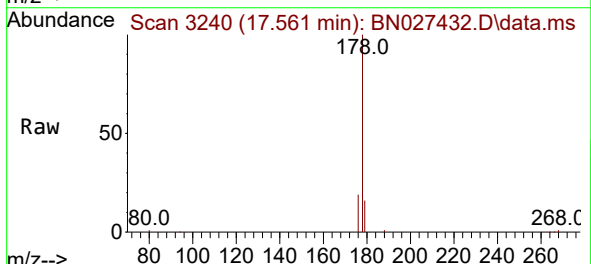
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BNA_N
ClientSampleId :
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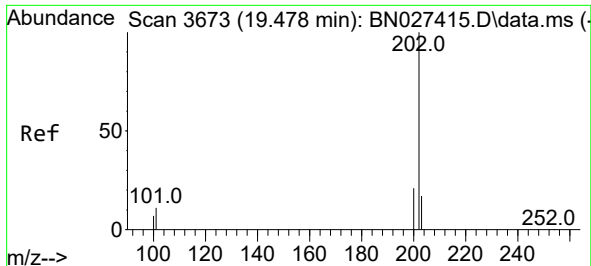
Tgt Ion:178 Resp: 33668
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.8 23.8



#16
Anthracene
Concen: 0.398 ng/ul
RT: 17.561 min Scan# 3240
Delta R.T. -0.013 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:178 Resp: 27464
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 18.9 15.6 23.4

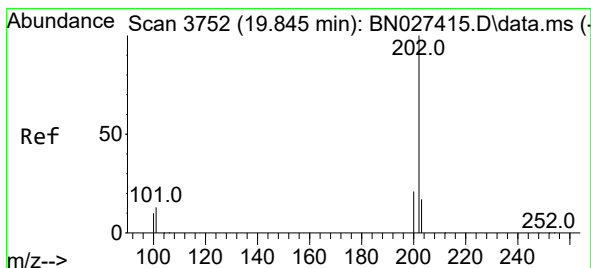
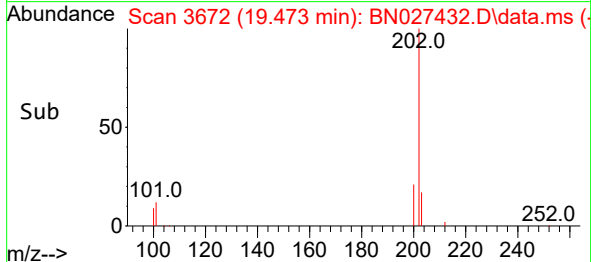
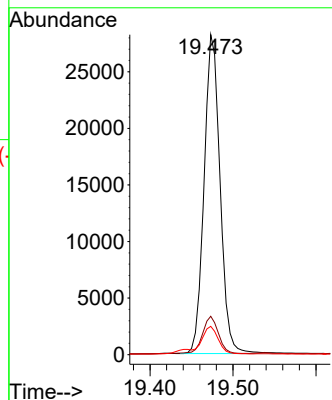
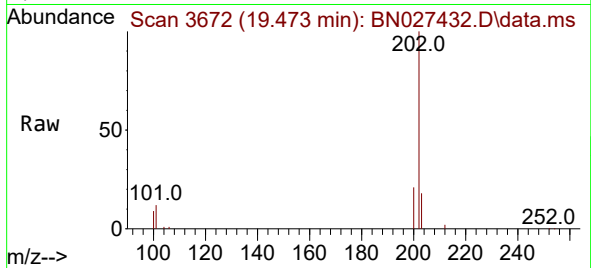




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.473 min Scan# 30
Delta R.T. -0.014 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

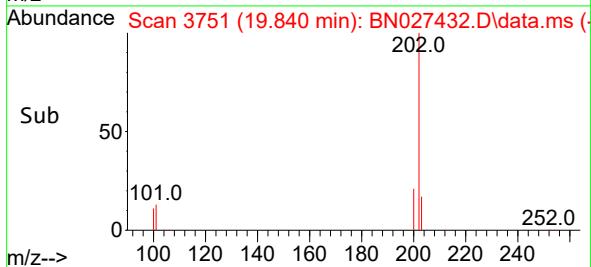
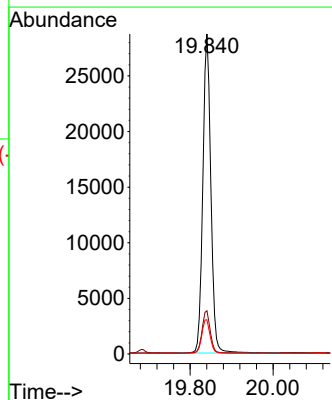
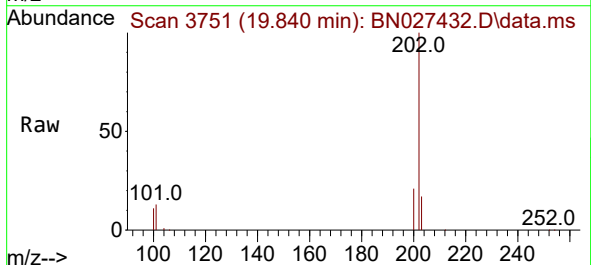
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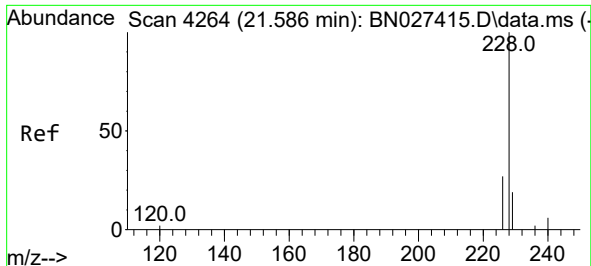
Tgt Ion:202 Resp: 37878
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.0
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.840 min Scan# 3751
Delta R.T. -0.009 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:202 Resp: 38716
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.7 9.4 14.2

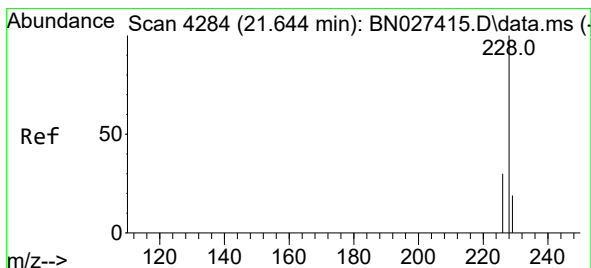
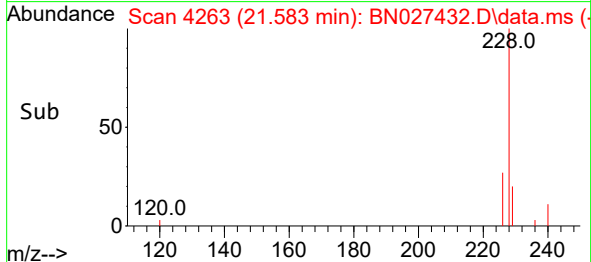
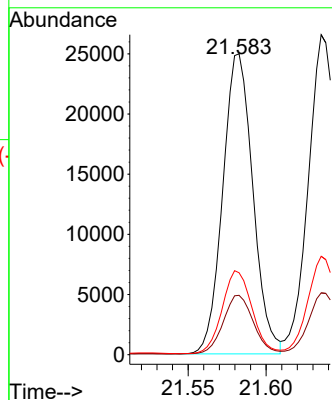
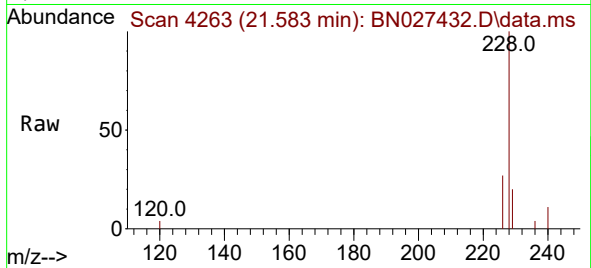




#21
Benzo(a)anthracene
Concen: 0.415 ng/ul
RT: 21.583 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

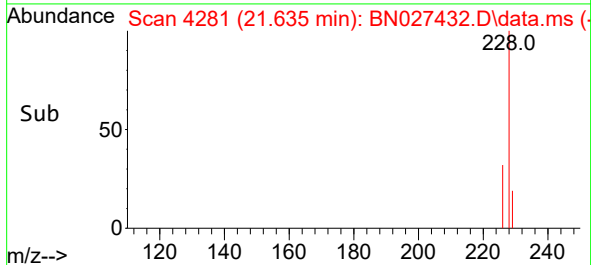
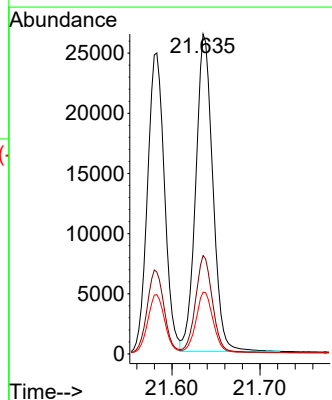
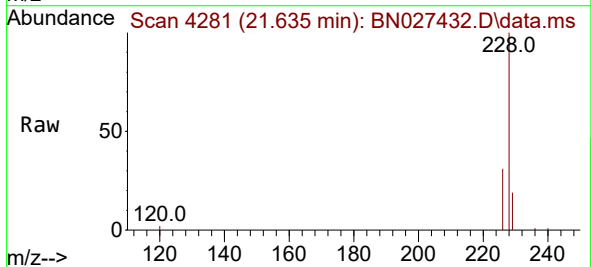
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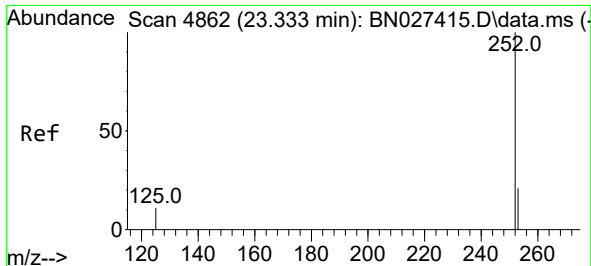
Tgt Ion:228 Resp: 33541
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.2 22.0 33.0



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.012 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

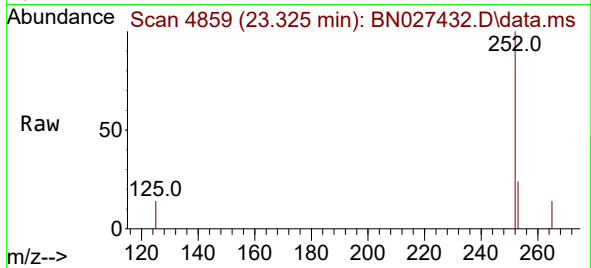
Tgt Ion:228 Resp: 35563
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.3 15.6 23.4



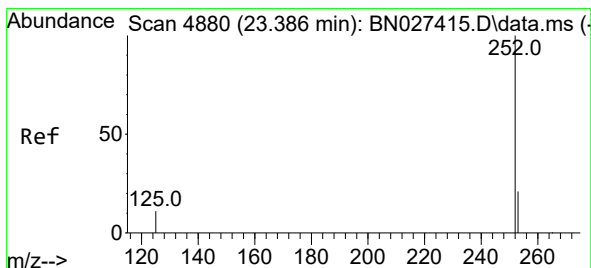
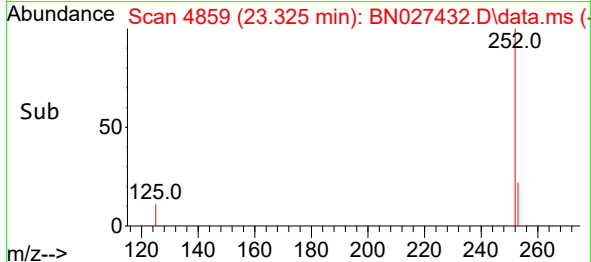
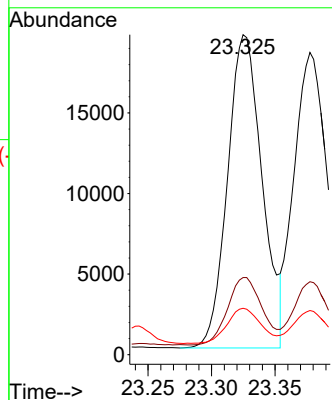


#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul
RT: 23.325 min Scan# 4859
Delta R.T. -0.020 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

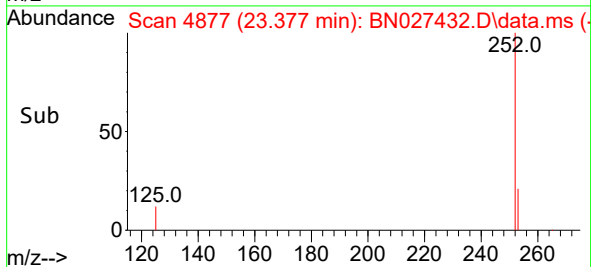
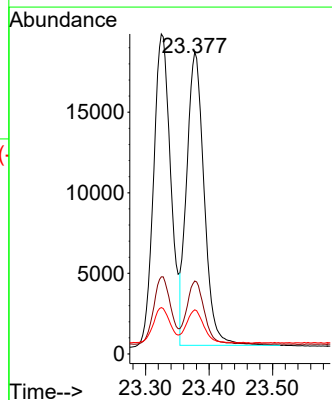
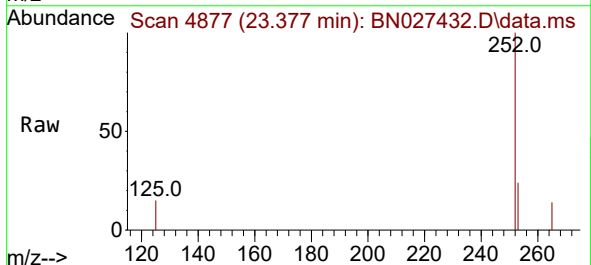


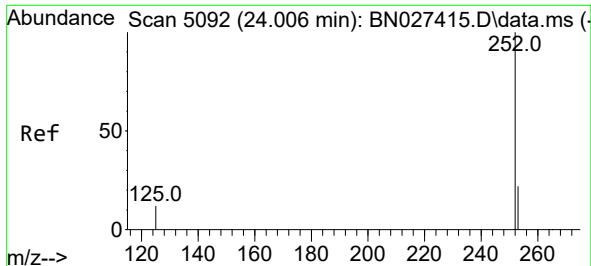
Tgt Ion:252 Resp: 36815
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.6
125 14.5 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.377 min Scan# 4877
Delta R.T. -0.020 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

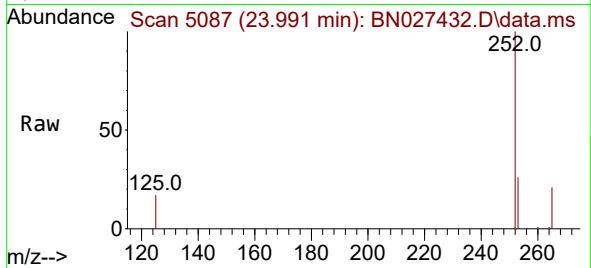
Tgt Ion:252 Resp: 34685
Ion Ratio Lower Upper
252 100
253 24.1 19.9 29.9
125 14.6 13.6 20.4



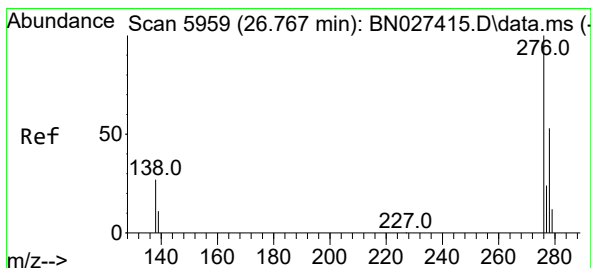
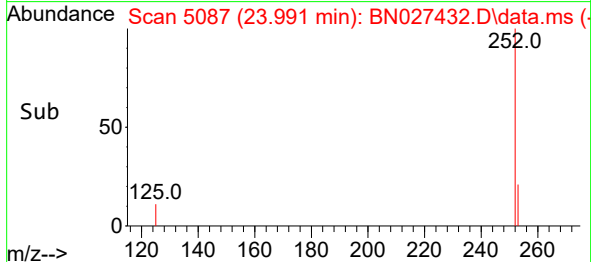
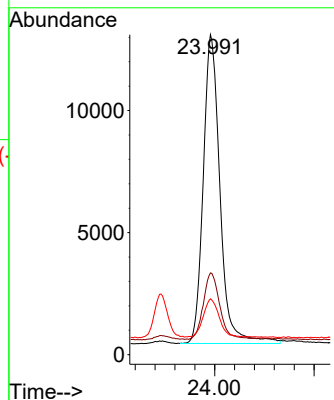


#26
Benzo(a)pyrene
Concen: 0.380 ng/ul
RT: 23.991 min Scan# 5092
Delta R.T. -0.026 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

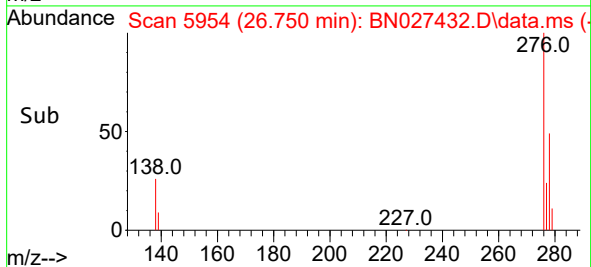
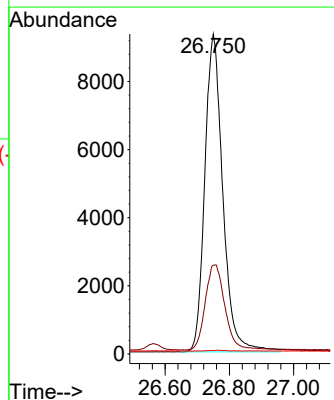
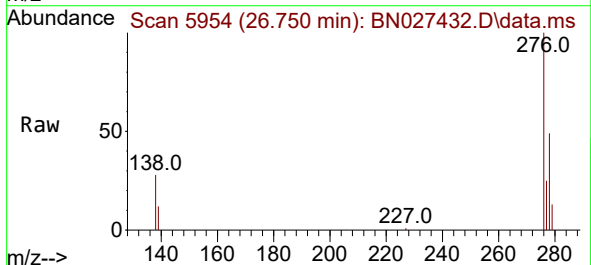


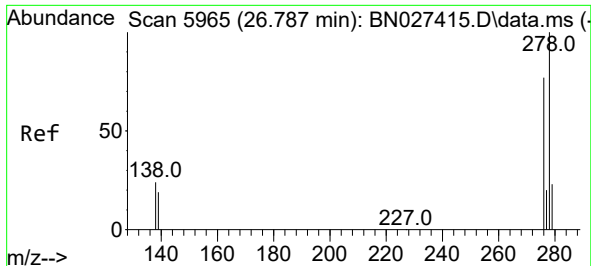
Tgt Ion:252 Resp: 29568
Ion Ratio Lower Upper
252 100
253 25.5 22.4 33.6
125 17.4 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.750 min Scan# 5954
Delta R.T. -0.050 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:276 Resp: 36346
Ion Ratio Lower Upper
276 100
138 29.3 23.9 35.9
227 0.1 0.1 0.1#

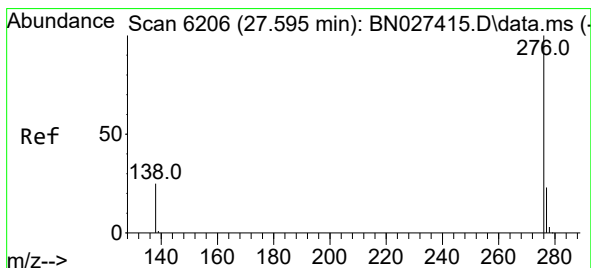
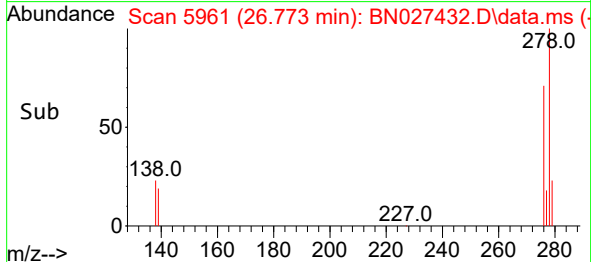
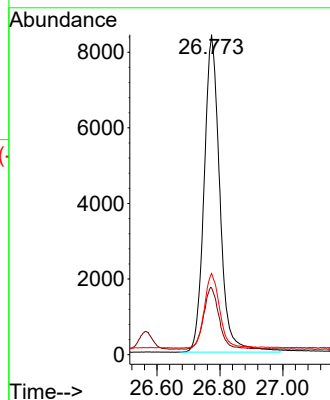
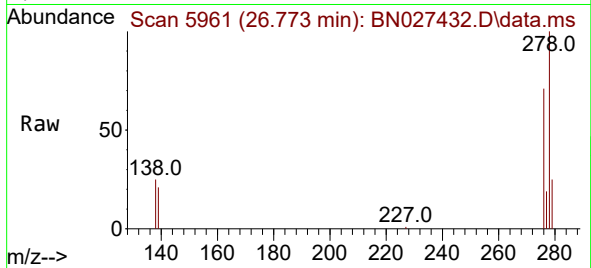




#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.773 min Scan# 5961
Delta R.T. -0.060 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4260

Tgt Ion:278 Resp: 29131
Ion Ratio Lower Upper
278 100
139 20.9 18.0 27.0
279 25.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.392 ng/ul
RT: 27.575 min Scan# 6200
Delta R.T. -0.054 min
Lab File: BN027432.D
Acq: 07 Sep 2023 07:21

Tgt Ion:276 Resp: 30528
Ion Ratio Lower Upper
276 100
138 26.6 22.1 33.1
277 24.6 20.2 30.4

