

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025944.D
 Acq On : 22 Jun 2023 19:11
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4308

Quant Time: Jun 23 01:04:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

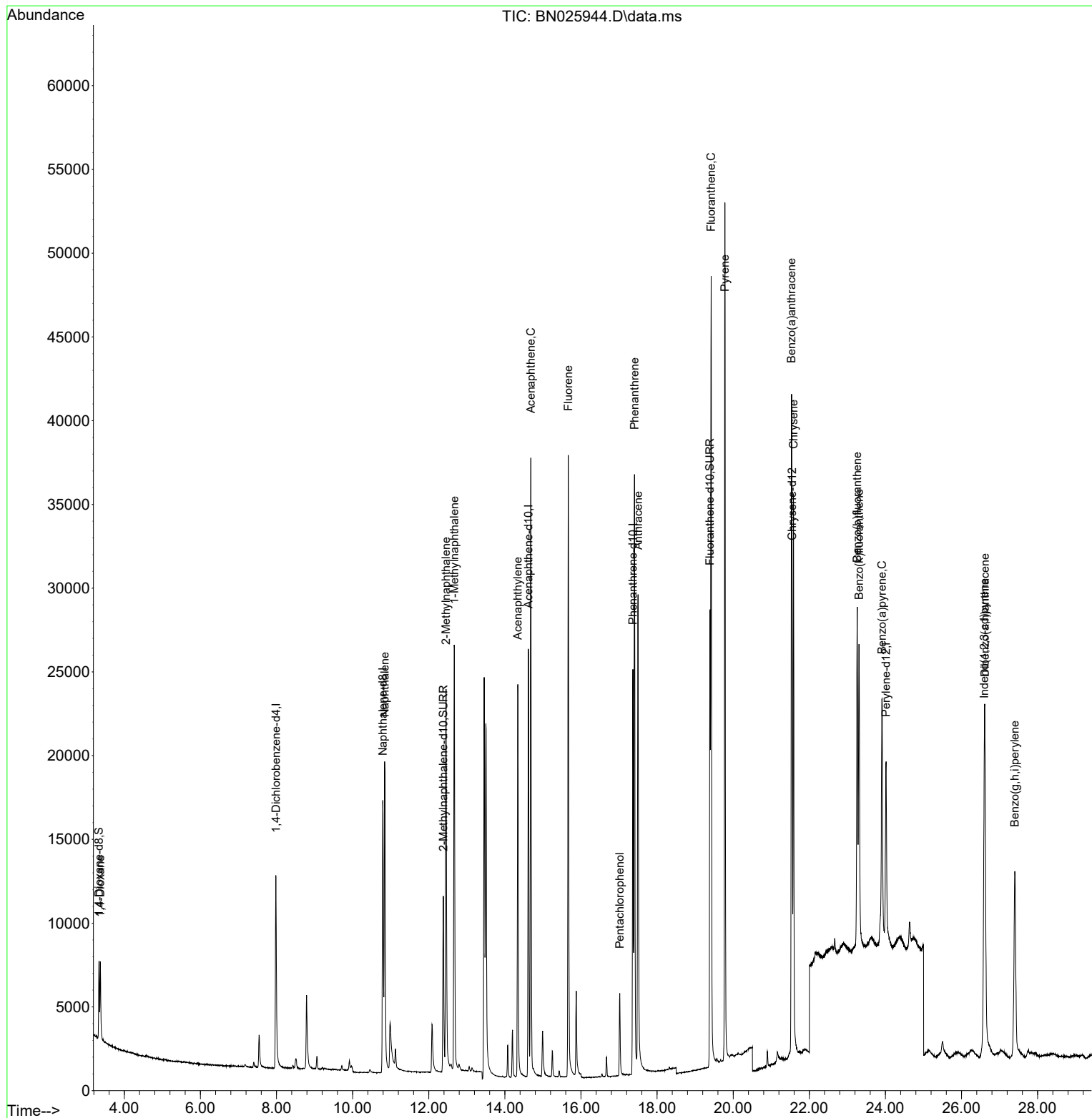
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	7846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	25123	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.621	164	15006	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	31129	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	18361	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	15315	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	3146	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	15540	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.391	212	32078	0.459	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	3418	0.364	ng/ul#	89
5) Naphthalene	10.842	128	28880	0.401	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	18270	0.398	ng/ul	100
8) 1-Methylnaphthalene	12.673	142	19205	0.404	ng/ul	100
10) Acenaphthylene	14.339	152	30201	0.430	ng/ul	100
11) Acenaphthene	14.681	153	23098	0.402	ng/ul	99
12) Fluorene	15.667	166	25800	0.391	ng/ul	99
14) Pentachlorophenol	17.017	266	3717	0.333	ng/ul	100
15) Phenanthrene	17.406	178	40331	0.392	ng/ul	99
16) Anthracene	17.499	178	37182	0.407	ng/ul	99
19) Fluoranthene	19.419	202	44455	0.453	ng/ul	99
20) Pyrene	19.782	202	45558	0.447	ng/ul	98
21) Benzo(a)anthracene	21.532	228	31627	0.418	ng/ul	98
22) Chrysene	21.584	228	31299	0.397	ng/ul	98
24) Benzo(b)fluoranthene	23.259	252	26636	0.407	ng/ul	96
25) Benzo(k)fluoranthene	23.306	252	26948	0.411	ng/ul	98
26) Benzo(a)pyrene	23.911	252	23600	0.416	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.598	276	28770	0.464	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.614	278	21788	0.464	ng/ul	96
29) Benzo(g,h,i)perylene	27.399	276	24457	0.443	ng/ul	98

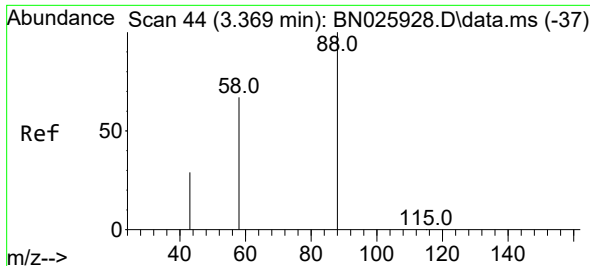
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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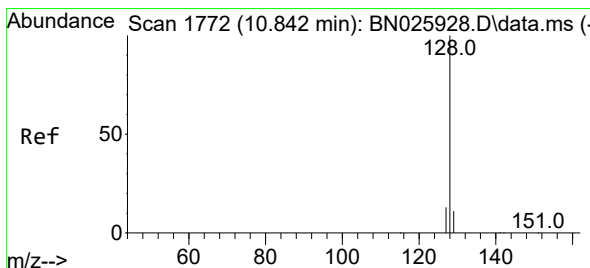
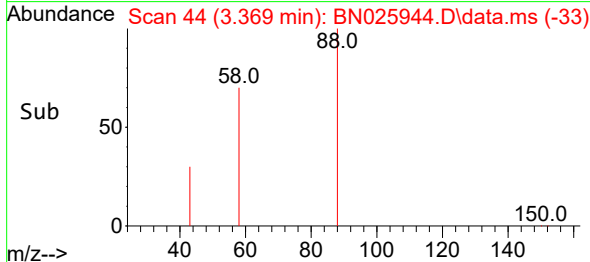
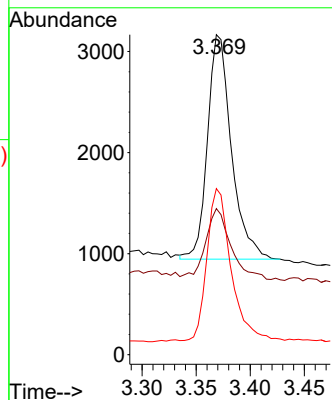
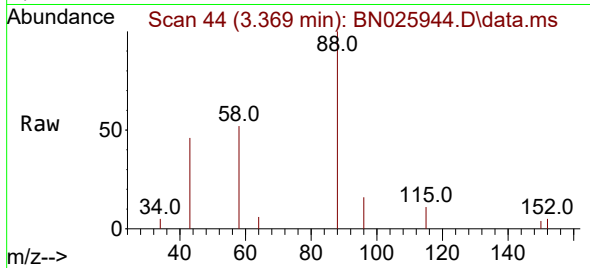




#2
1,4-Dioxane
Concen: 0.364 ng/ul
RT: 3.369 min Scan# 44
Delta R.T. -0.004 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

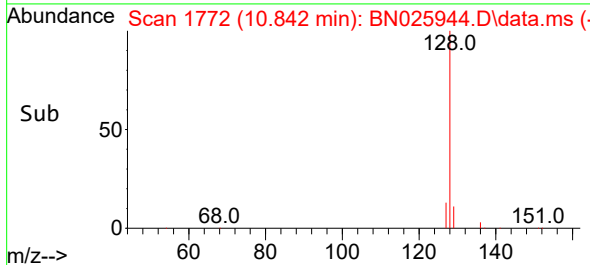
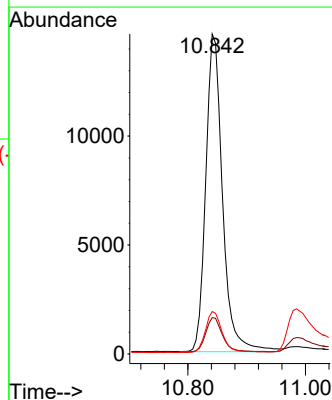
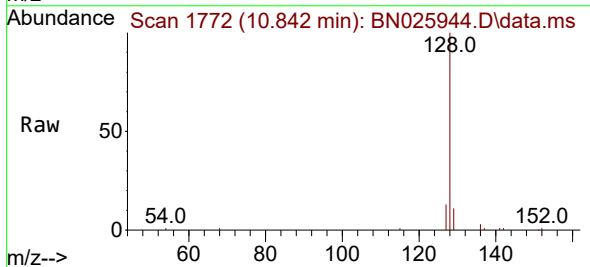
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BNA_N
ClientSampleId :
SSTD0.4308

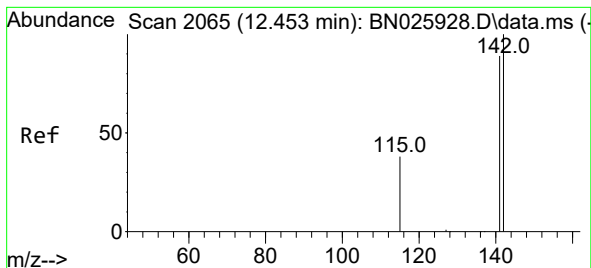
Tgt Ion: 88 Resp: 3418
Ion Ratio Lower Upper
88 100
43 45.7 29.5 44.3#
58 51.9 37.4 56.2



#5
Naphthalene
Concen: 0.401 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:128 Resp: 28880
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.7 16.1

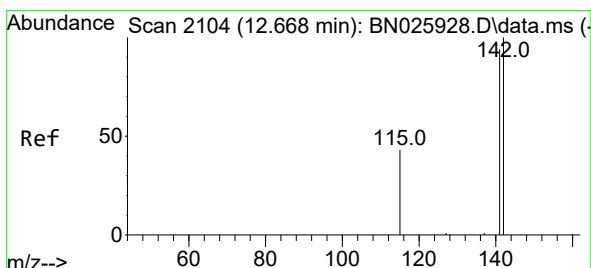
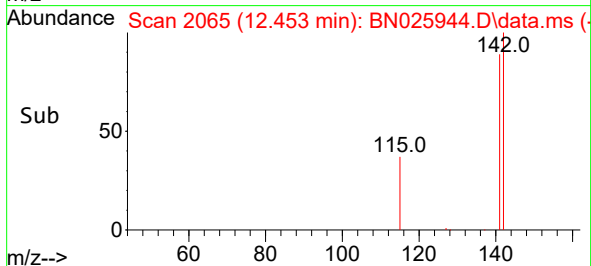
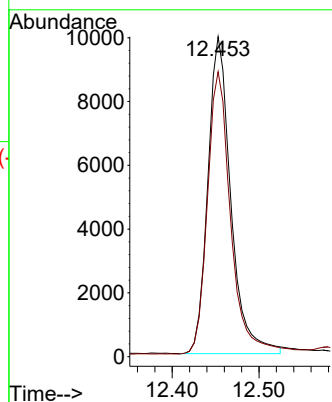
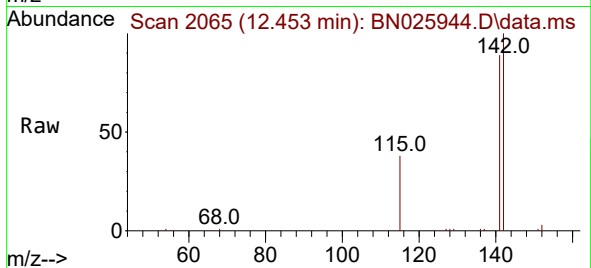




#7
2-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

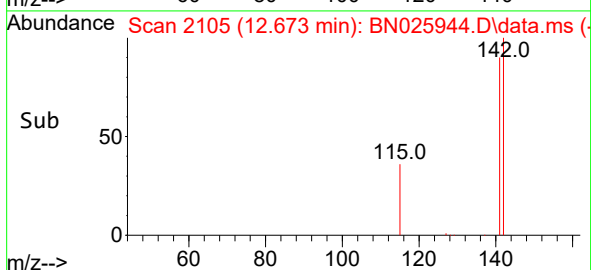
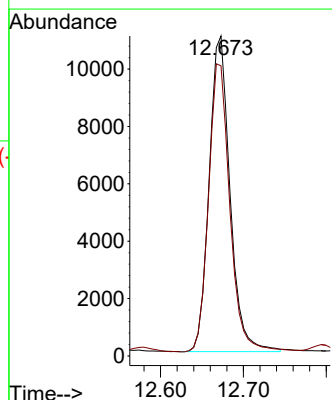
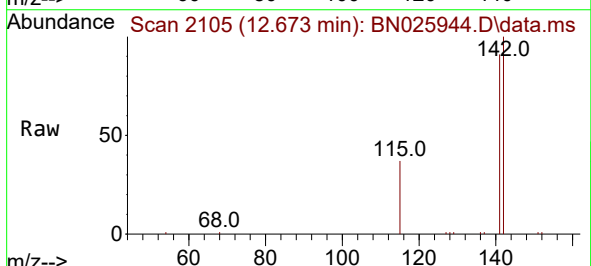
Instrument :
BNA_N
ClientSampleId :
SSTD0.4308

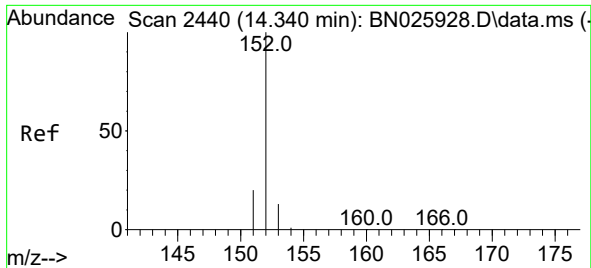
Tgt Ion:142 Resp: 18270
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:142 Resp: 19205
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

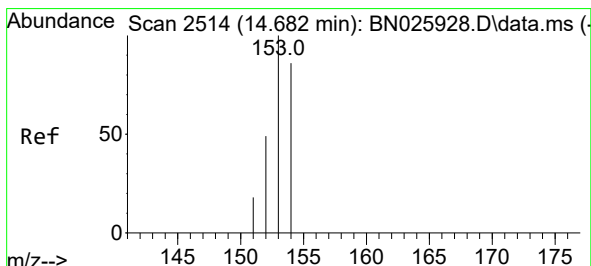
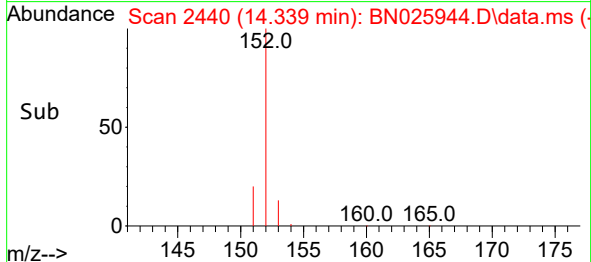
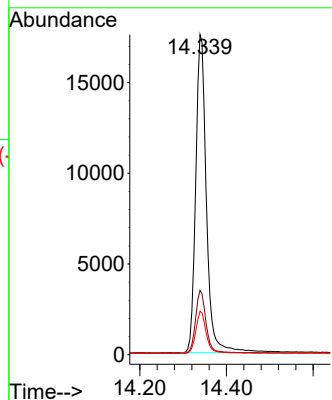
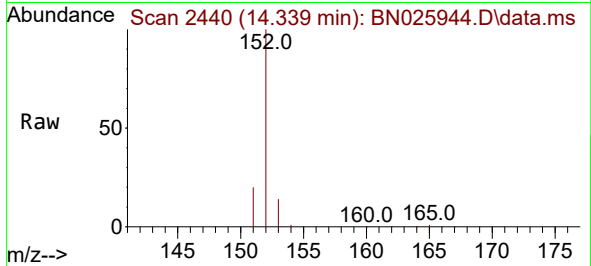




#10
Acenaphthylene
Concen: 0.430 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

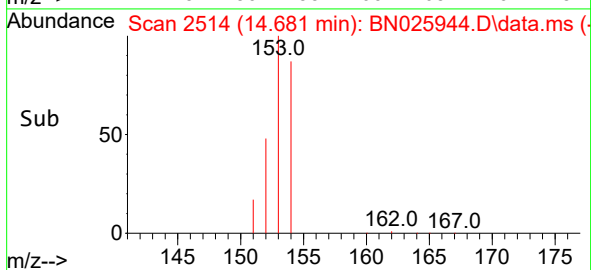
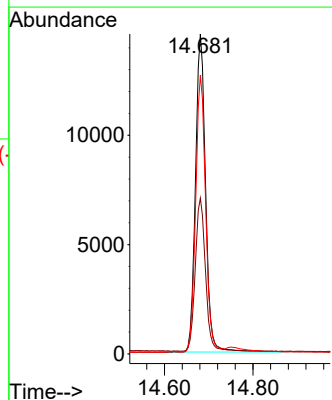
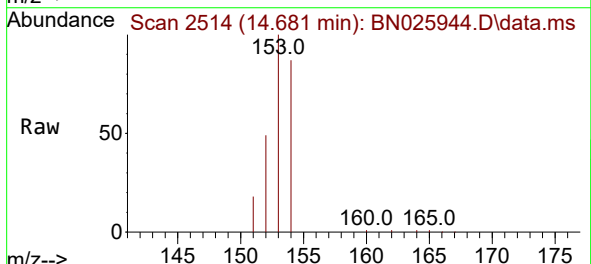
Instrument :
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ClientSampleId :
SSTD0.4308

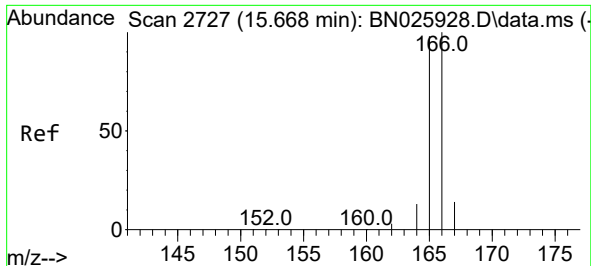
Tgt Ion:152 Resp: 30201
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:153 Resp: 23098
Ion Ratio Lower Upper
153 100
152 48.7 39.4 59.0
154 87.1 68.9 103.3

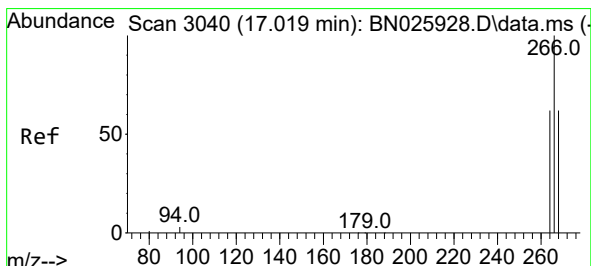
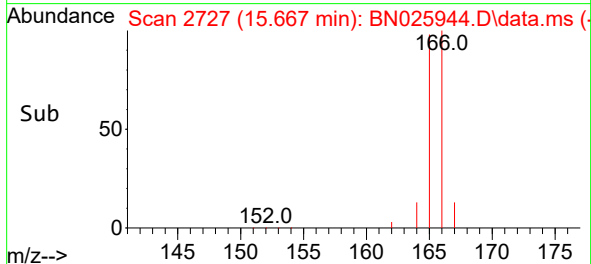
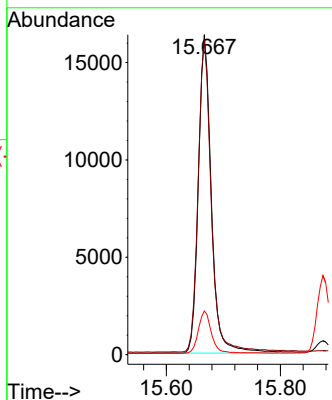
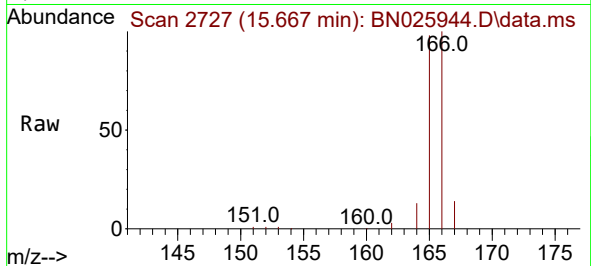




#12
Fluorene
Concen: 0.391 ng/ul
RT: 15.667 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

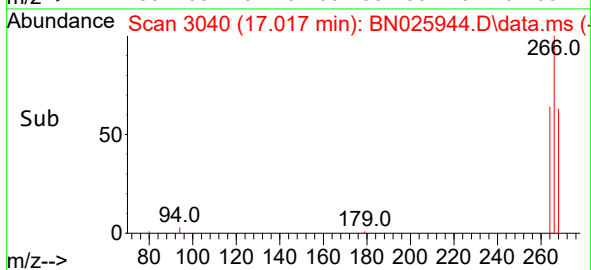
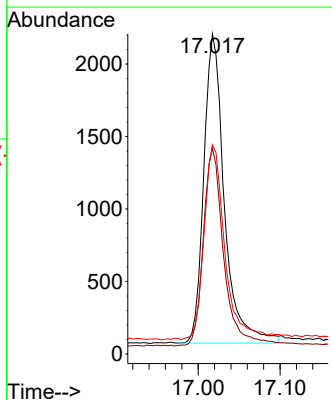
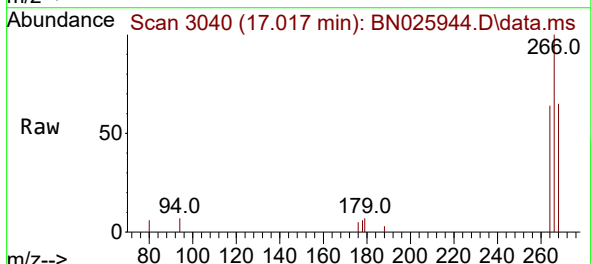
Instrument :
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ClientSampleId :
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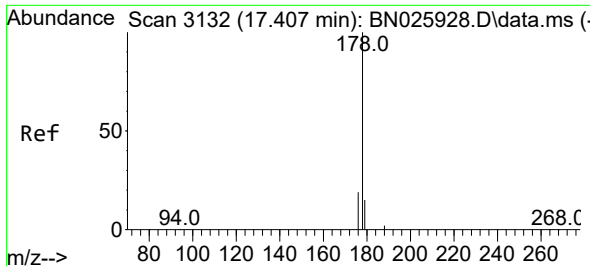
Tgt Ion:166 Resp: 25800
Ion Ratio Lower Upper
166 100
165 98.3 79.9 119.9
167 13.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.333 ng/ul
RT: 17.017 min Scan# 3040
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:266 Resp: 3717
Ion Ratio Lower Upper
266 100
264 63.4 50.5 75.7
268 64.4 51.6 77.4

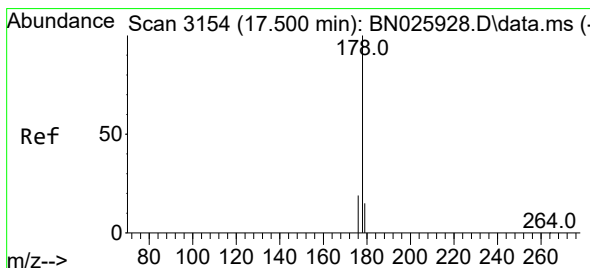
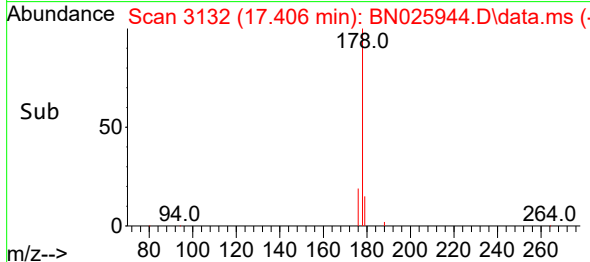
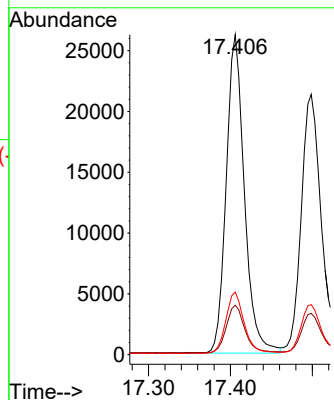
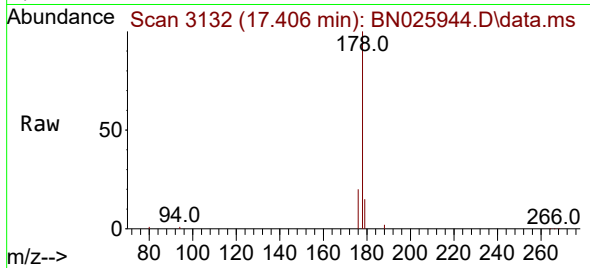




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.406 min Scan# 3132
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

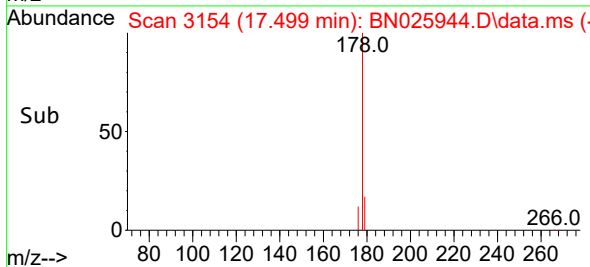
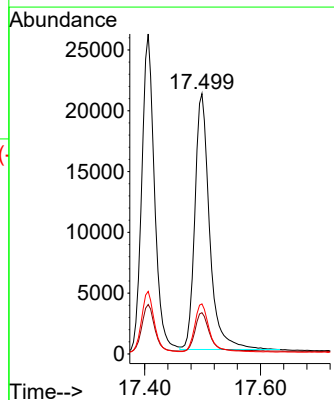
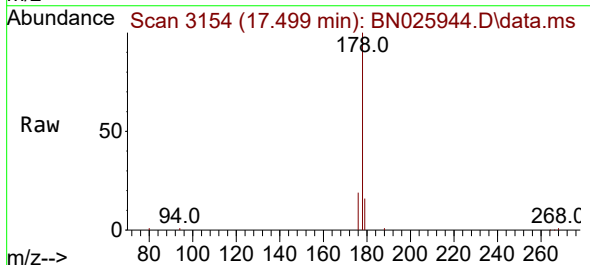
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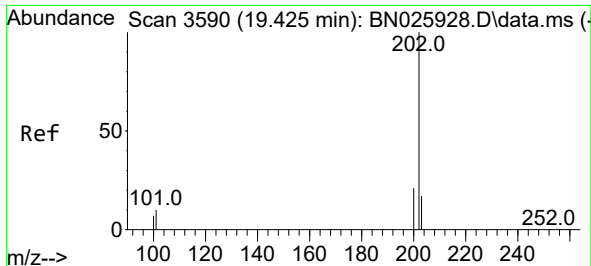
Tgt Ion:178 Resp: 40331
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.499 min Scan# 3154
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:178 Resp: 37182
Ion Ratio Lower Upper
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179 15.9 12.6 18.8
176 19.2 15.1 22.7

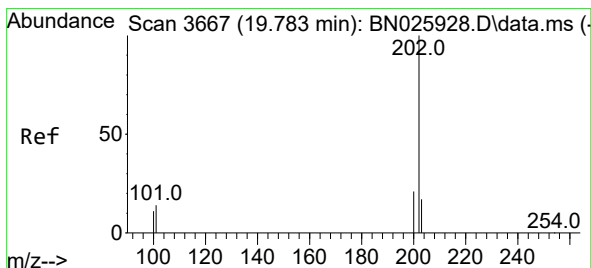
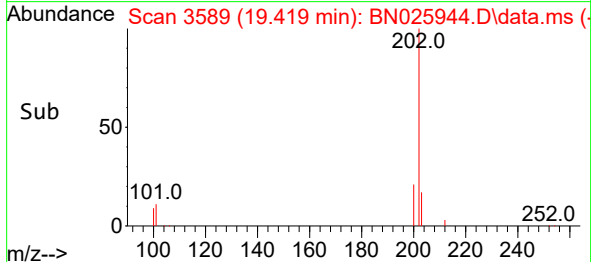
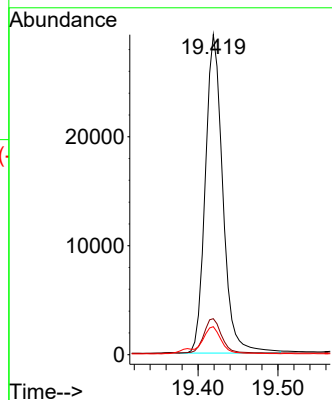
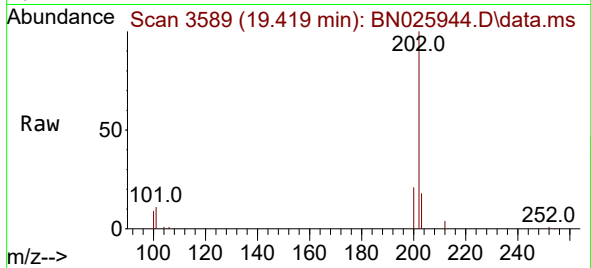




#19
Fluoranthene
Concen: 0.453 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

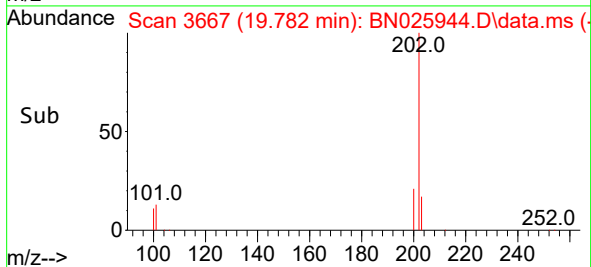
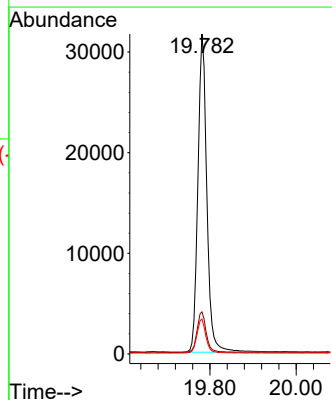
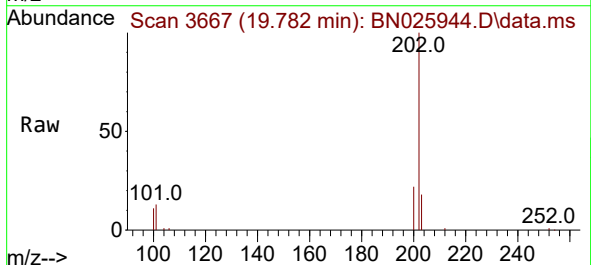
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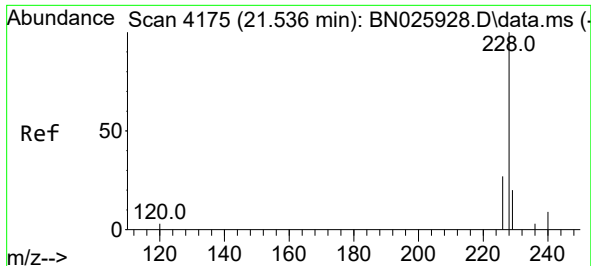
Tgt Ion:202 Resp: 44455
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:202 Resp: 45558
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.9 9.1 13.7

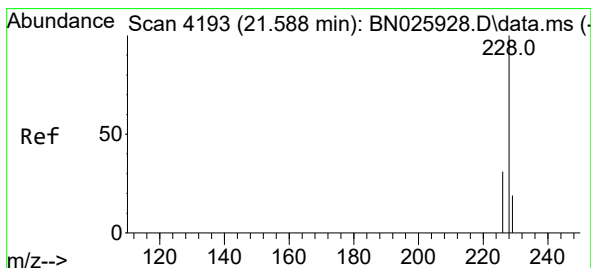
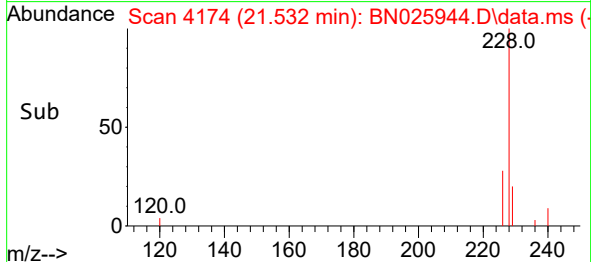
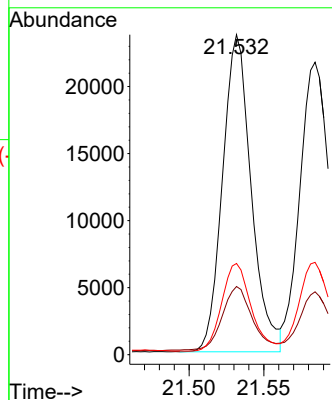
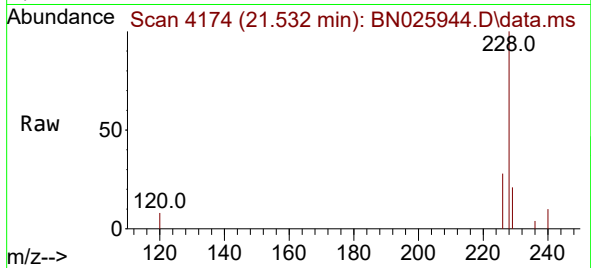




#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.532 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

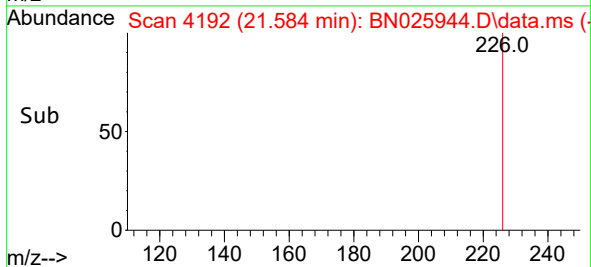
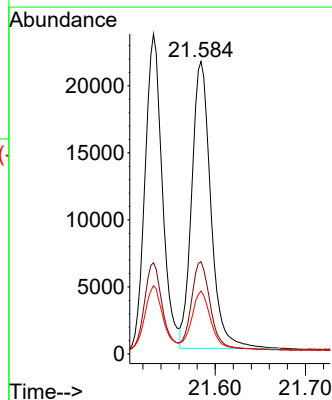
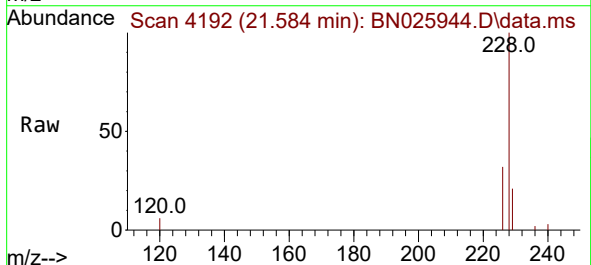
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SSTD0.4308

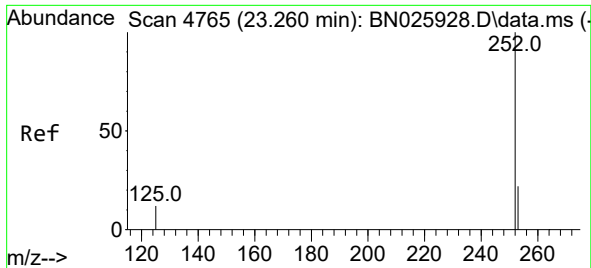
Tgt Ion:228 Resp: 31627
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

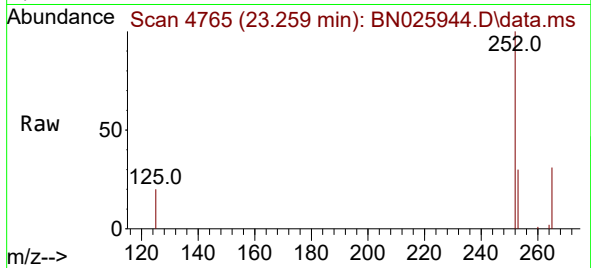
Tgt Ion:228 Resp: 31299
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 21.5 15.7 23.5



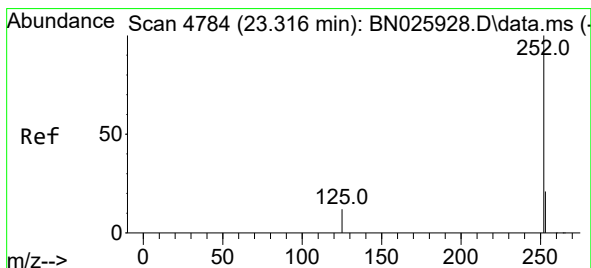
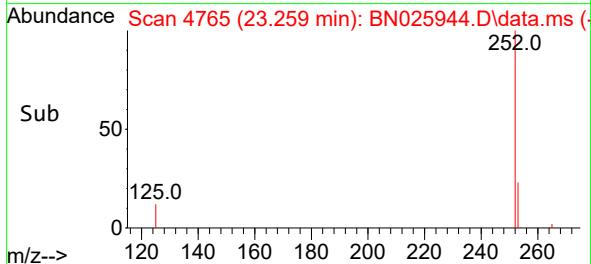
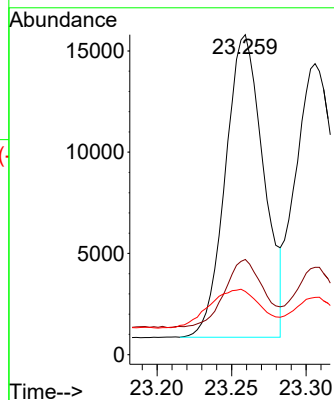


#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4308

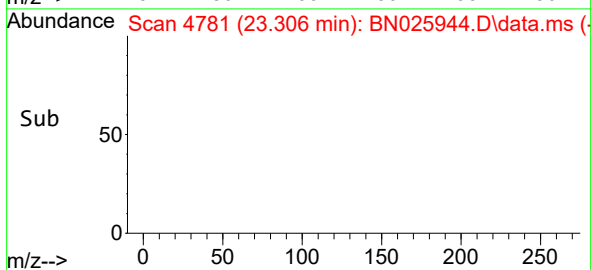
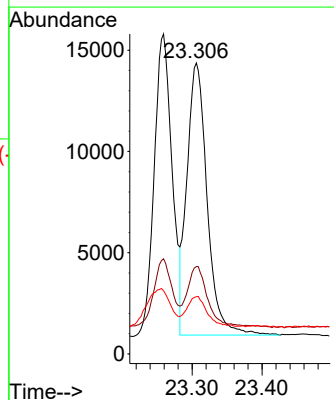
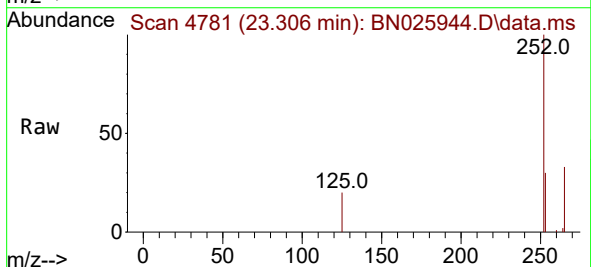


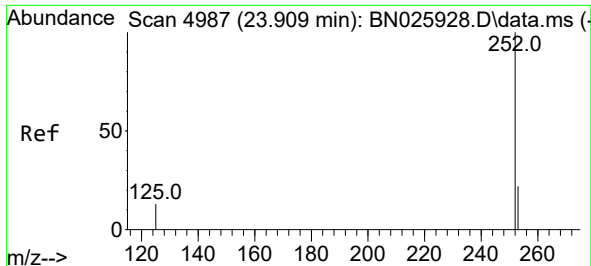
Tgt Ion:252 Resp: 26636
Ion Ratio Lower Upper
252 100
253 29.8 0.0 55.6
125 19.8 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 23.306 min Scan# 4781
Delta R.T. -0.003 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

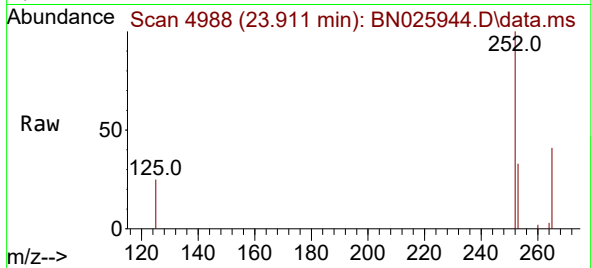
Tgt Ion:252 Resp: 26948
Ion Ratio Lower Upper
252 100
253 30.0 23.2 34.8
125 19.7 15.0 22.4



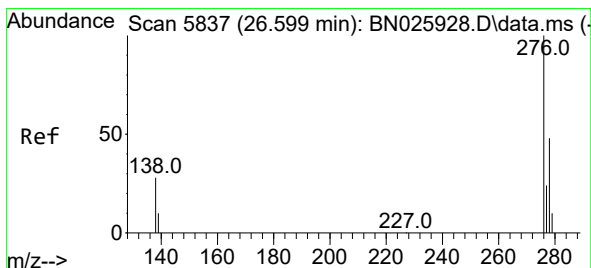
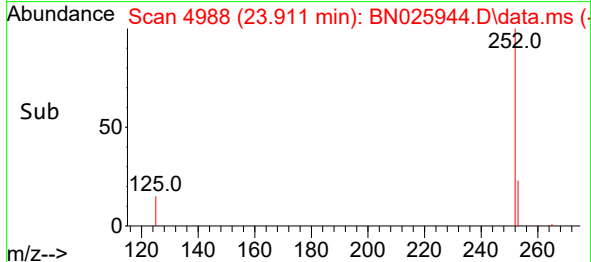
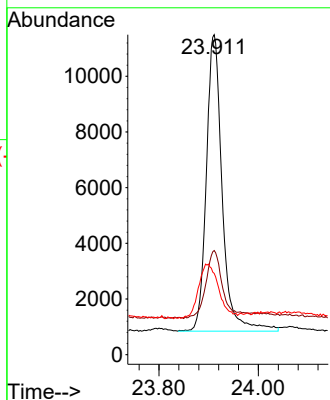


#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.911 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4308

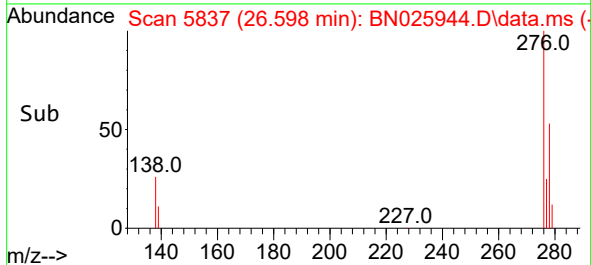
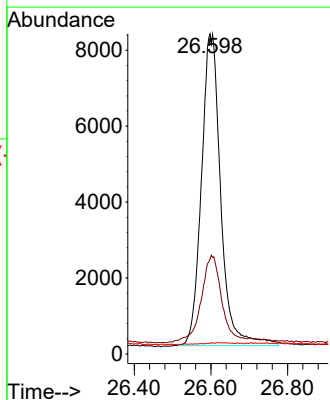
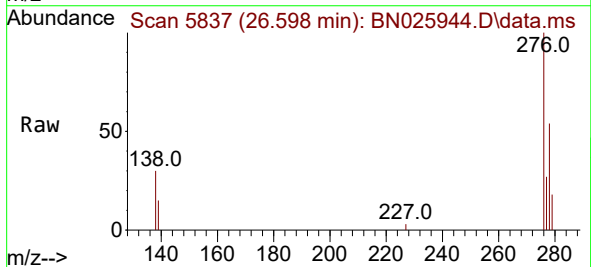


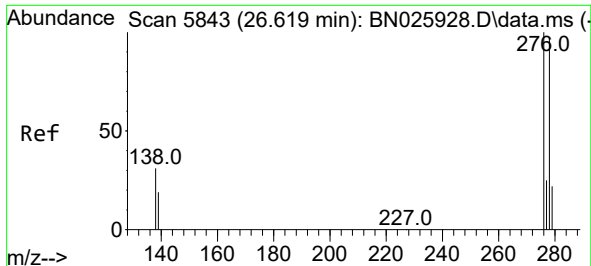
Tgt Ion:252 Resp: 23600
Ion Ratio Lower Upper
252 100
253 32.5 26.0 39.0
125 25.4 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:276 Resp: 28770
Ion Ratio Lower Upper
276 100
138 31.4 24.5 36.7
227 0.1 0.0 0.0#

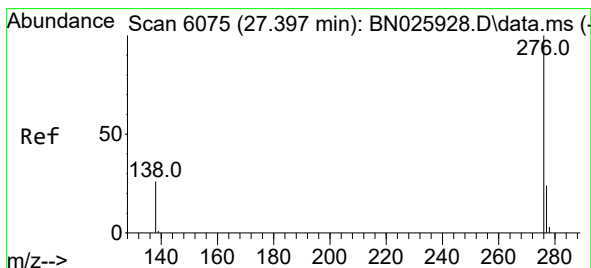
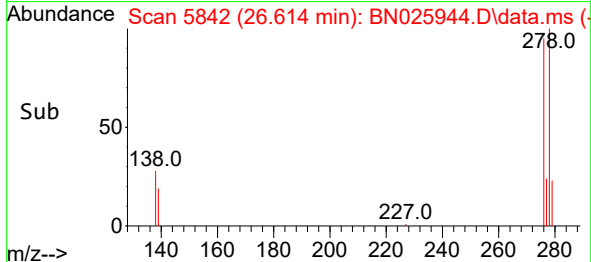
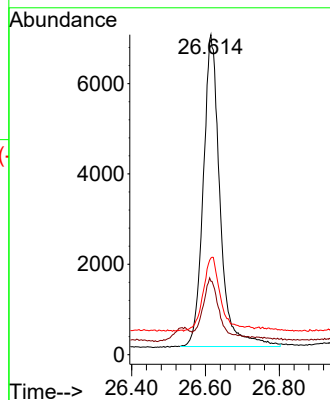
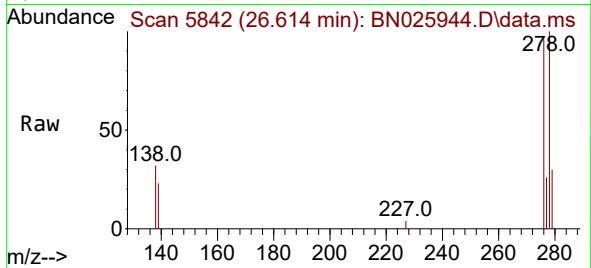




#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.614 min Scan# 5842
Delta R.T. -0.007 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4308

Tgt Ion:278 Resp: 21788
Ion Ratio Lower Upper
278 100
139 22.9 19.0 28.4
279 30.2 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 27.399 min Scan# 6076
Delta R.T. 0.013 min
Lab File: BN025944.D
Acq: 22 Jun 2023 19:11

Tgt Ion:276 Resp: 24457
Ion Ratio Lower Upper
276 100
138 28.2 23.4 35.0
277 25.9 20.0 30.0

