

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027725.D
 Acq On : 16 Sep 2023 10:51
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4265

Quant Time: Sep 18 00:50:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 01:11:24 2023
 Response via : Initial Calibration

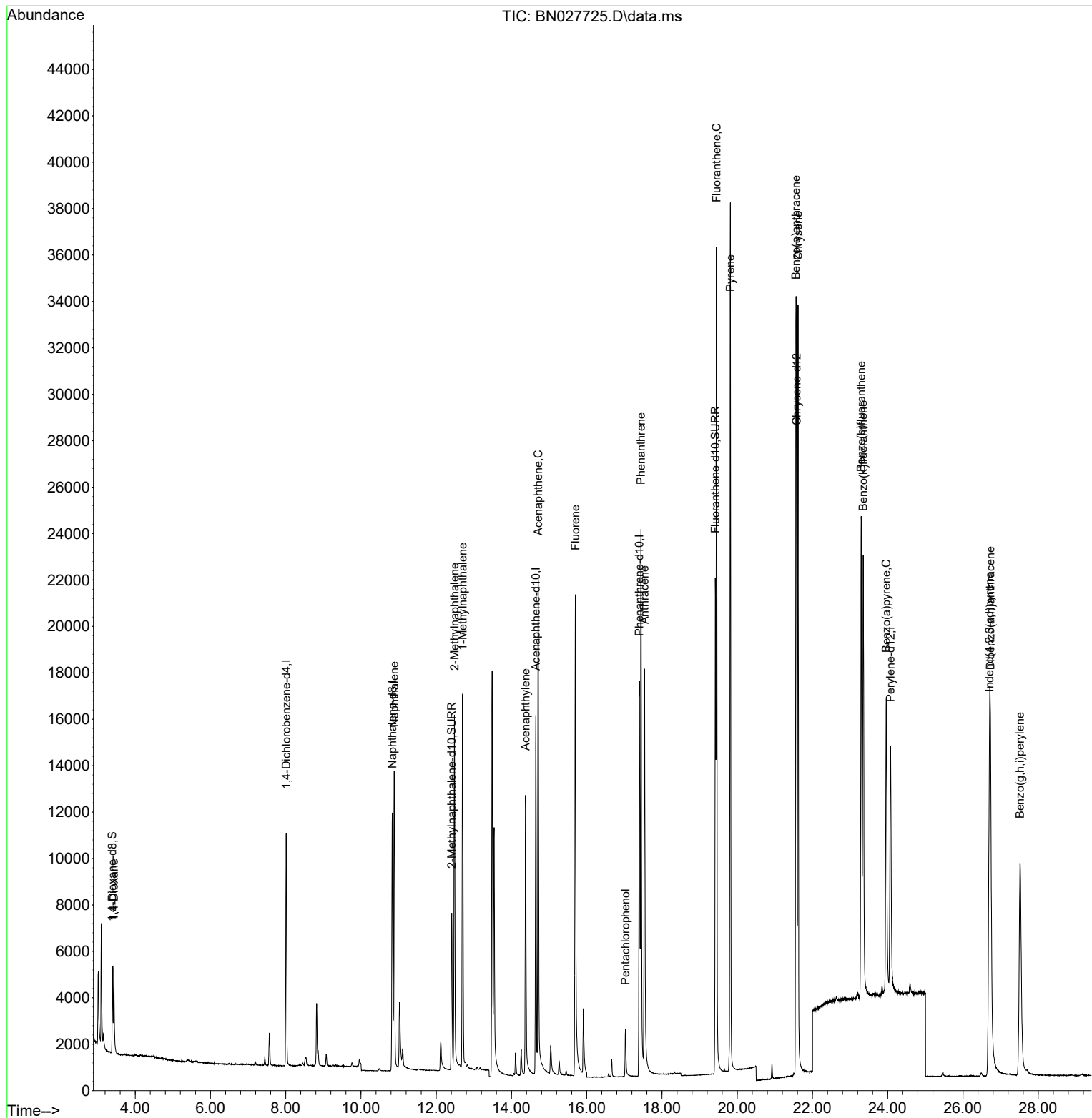
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	5209	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	16191	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	9157	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	22423	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	19265	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	16800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	2614	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.412	152	9619	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	24220	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	2689	0.394	ng/ul#	91
5) Naphthalene	10.883	128	18247	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.484	142	11490	0.391	ng/ul	100
8) 1-Methylnaphthalene	12.704	142	11841	0.391	ng/ul	99
10) Acenaphthylene	14.375	152	15994	0.400	ng/ul	99
11) Acenaphthene	14.712	153	13982	0.404	ng/ul	100
12) Fluorene	15.698	166	16423	0.404	ng/ul	100
14) Pentachlorophenol	17.029	266	1591	0.303	ng/ul	99
15) Phenanthrene	17.443	178	28308	0.402	ng/ul	99
16) Anthracene	17.536	178	23561	0.399	ng/ul	99
19) Fluoranthene	19.450	202	32234	0.414	ng/ul	99
20) Pyrene	19.817	202	32901	0.410	ng/ul	99
21) Benzo(a)anthracene	21.559	228	28152	0.378	ng/ul	100
22) Chrysene	21.615	228	30283	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.296	252	29770	0.398	ng/ul	98
25) Benzo(k)fluoranthene	23.348	252	28809	0.397	ng/ul	99
26) Benzo(a)pyrene	23.962	252	23203	0.385	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.703	276	29077	0.377	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.730	278	23317	0.375	ng/ul	98
29) Benzo(g,h,i)perylene	27.515	276	25036	0.382	ng/ul	98

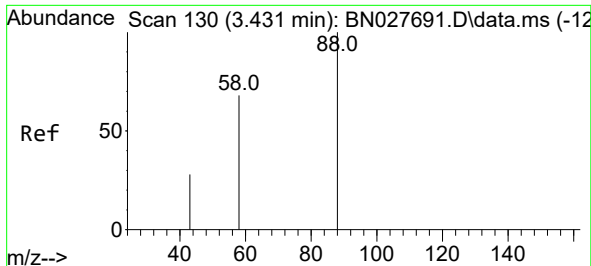
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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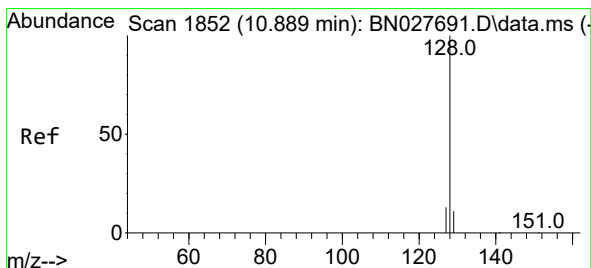
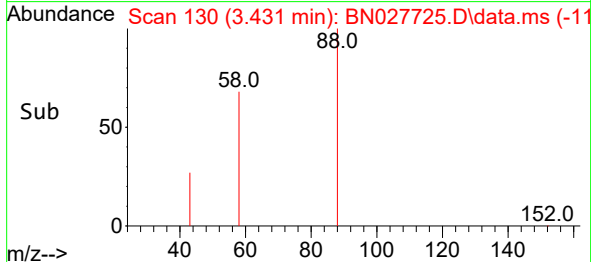
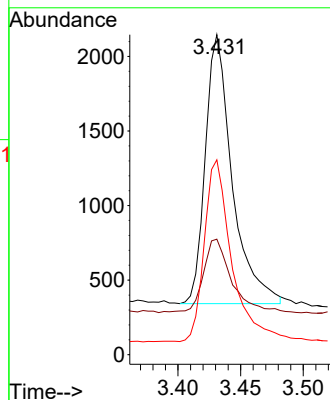
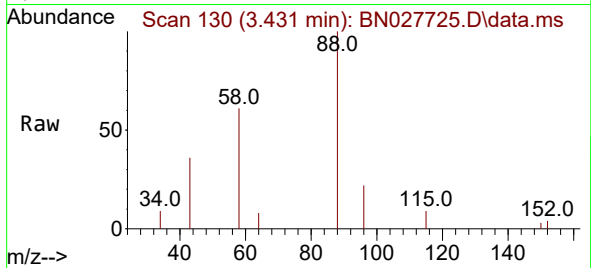




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

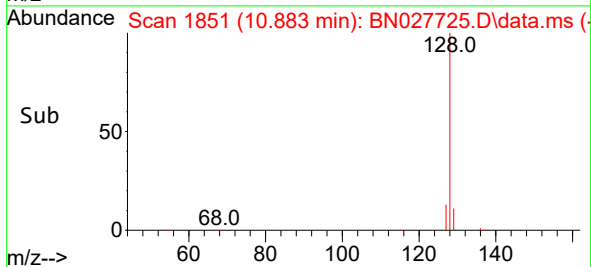
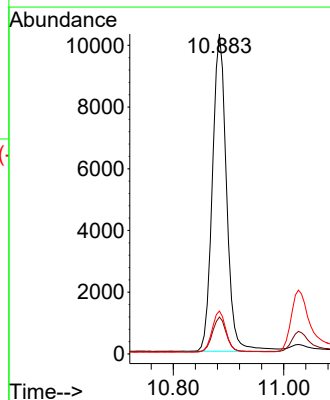
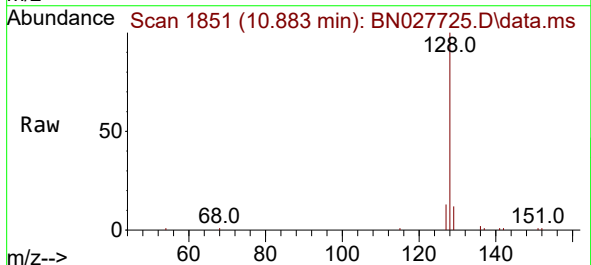
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

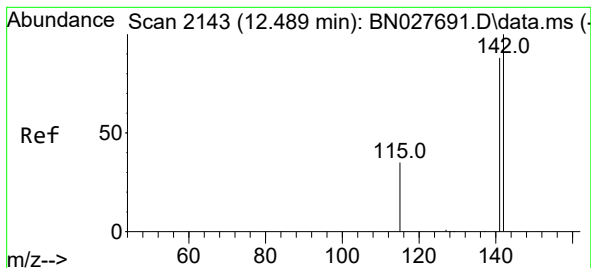
Tgt Ion: 88 Resp: 2689
Ion Ratio Lower Upper
88 100
43 36.1 39.6 59.4#
58 60.9 48.3 72.5



#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.883 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion: 128 Resp: 18247
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 10.7 16.1

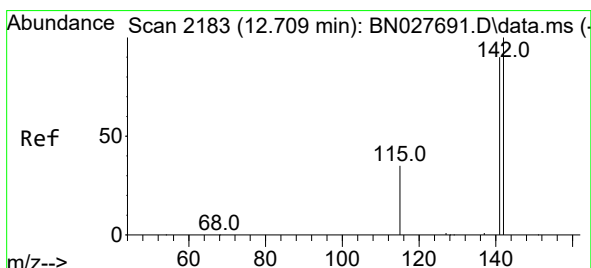
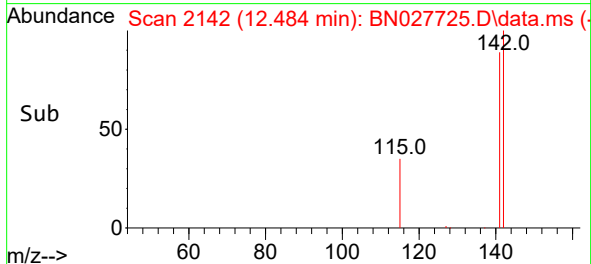
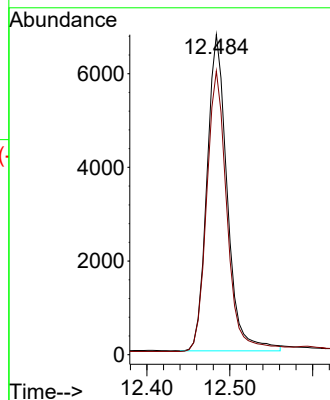
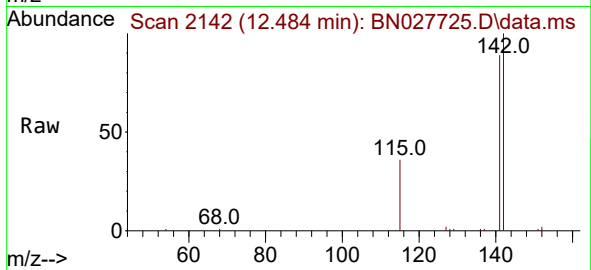




#7
2-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.484 min Scan# 2142
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

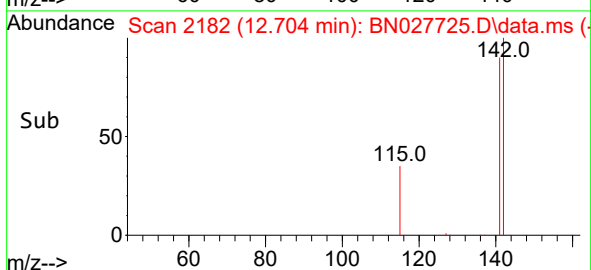
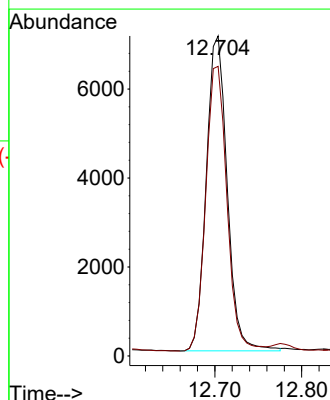
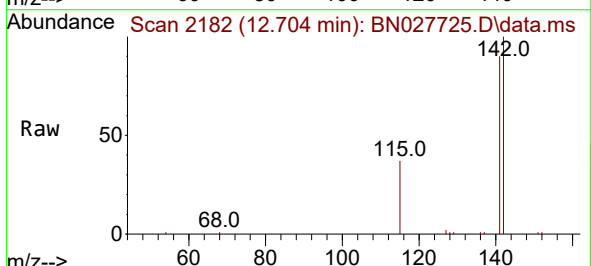
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

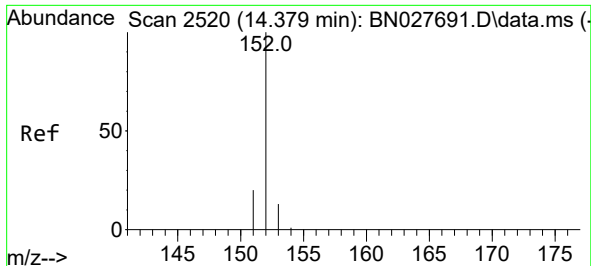
Tgt Ion:142 Resp: 11490
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.704 min Scan# 2182
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:142 Resp: 11841
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2

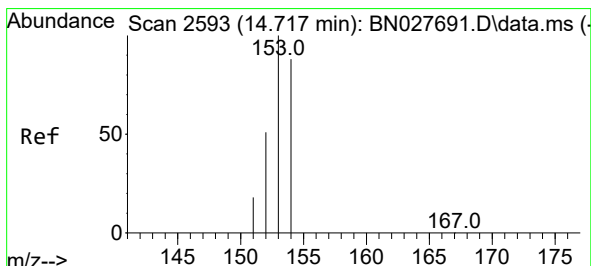
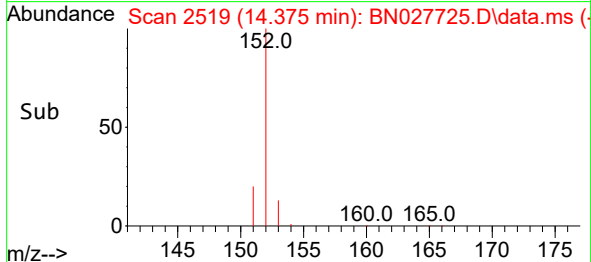
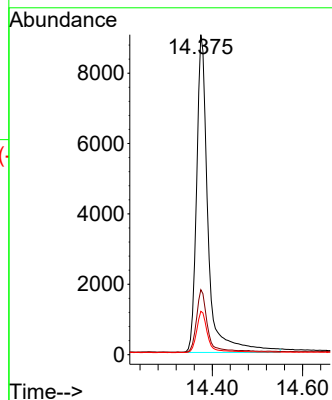
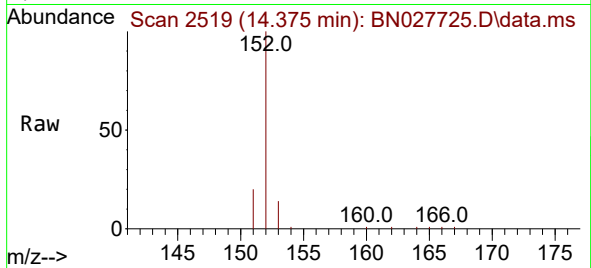




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.375 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

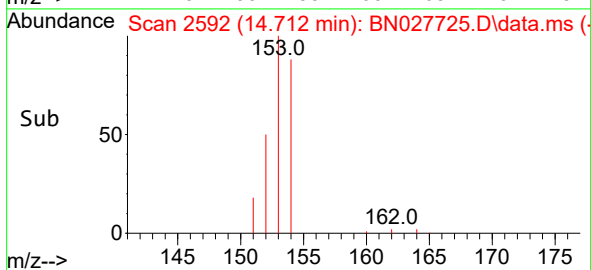
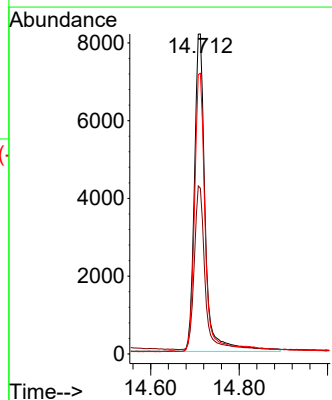
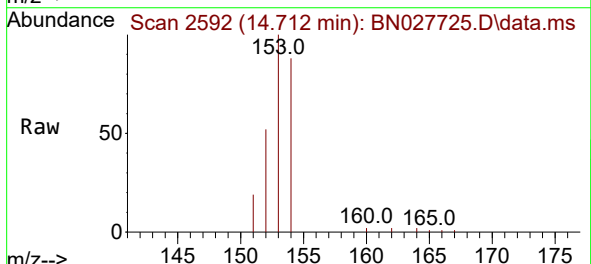
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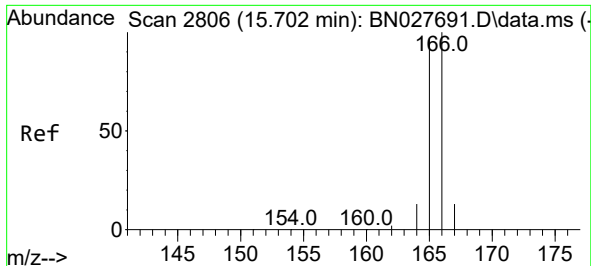
Tgt Ion:152 Resp: 15994
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.712 min Scan# 2592
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:153 Resp: 13982
Ion Ratio Lower Upper
153 100
152 51.8 41.7 62.5
154 87.7 70.3 105.5

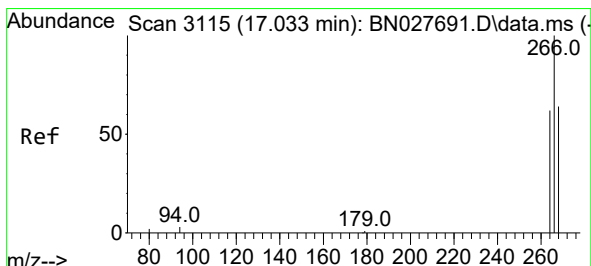
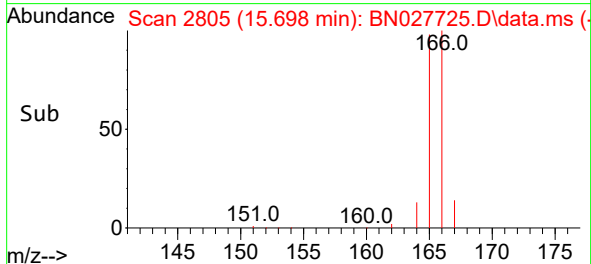
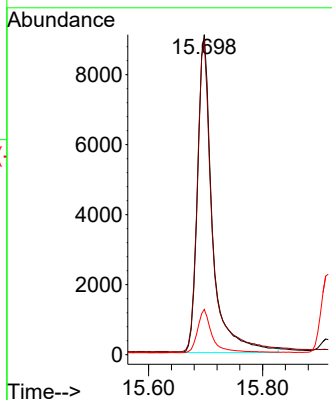
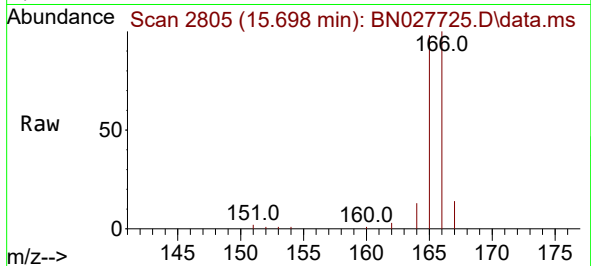




#12
 Fluorene
 Concen: 0.404 ng/ul
 RT: 15.698 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN027725.D
 Acq: 16 Sep 2023 10:51

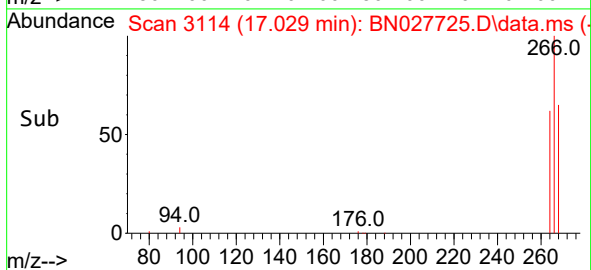
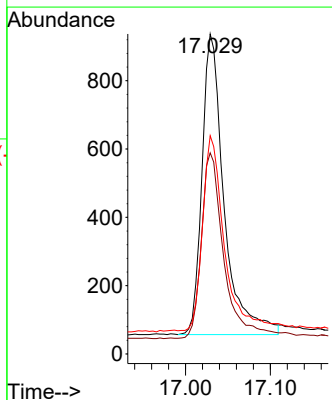
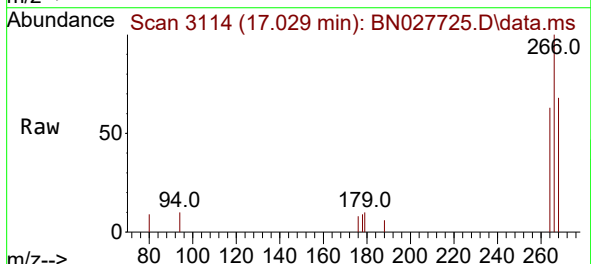
Instrument :
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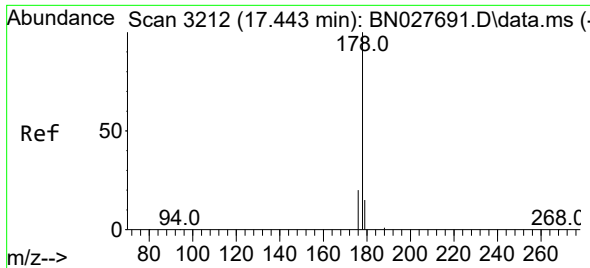
Tgt Ion:166 Resp: 16423
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.0 117.0
 167 14.1 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.303 ng/ul
 RT: 17.029 min Scan# 3114
 Delta R.T. -0.005 min
 Lab File: BN027725.D
 Acq: 16 Sep 2023 10:51

Tgt Ion:266 Resp: 1591
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.6 74.4
 268 64.7 50.7 76.1

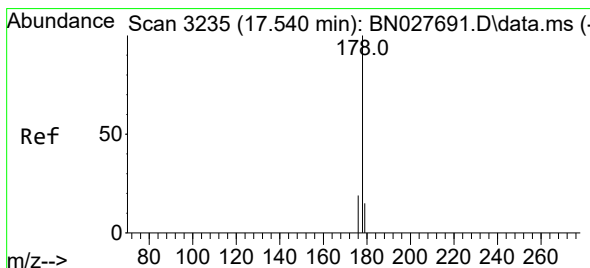
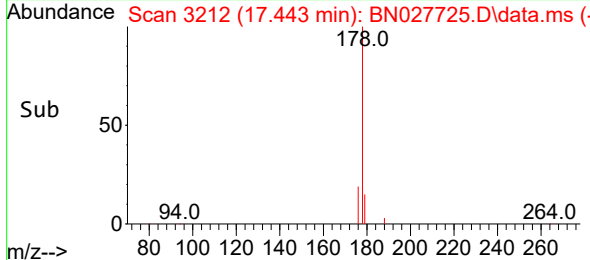
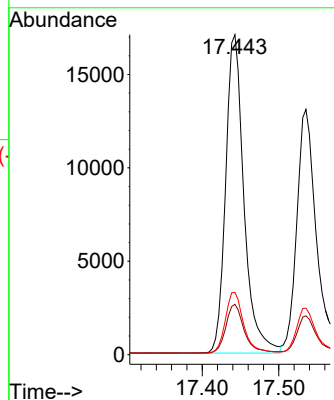
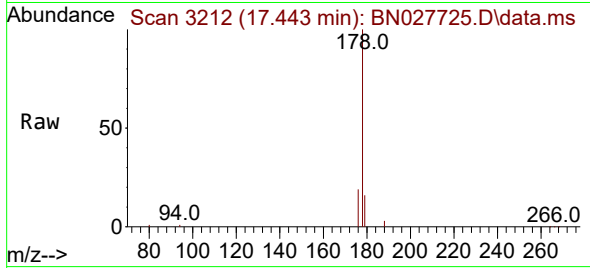




#15
Phenanthrene
Concen: 0.402 ng/ul
RT: 17.443 min Scan# 3212
Delta R.T. -0.000 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

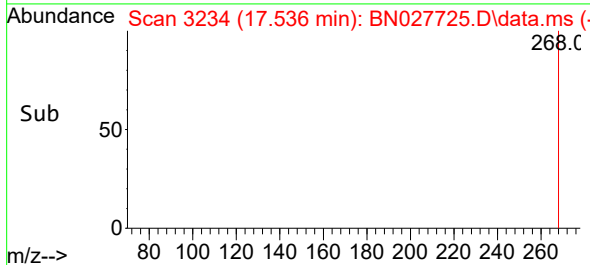
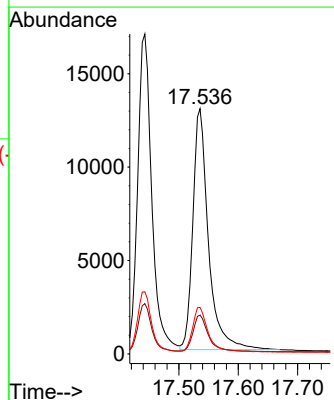
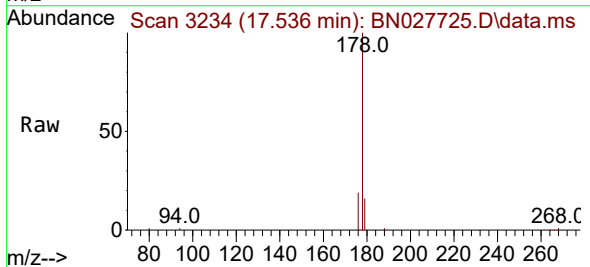
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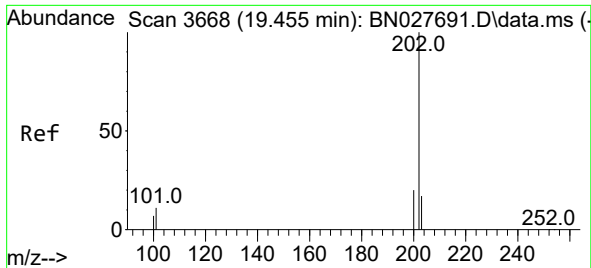
Tgt Ion:178 Resp: 28308
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.536 min Scan# 3234
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:178 Resp: 23561
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.0 15.5 23.3

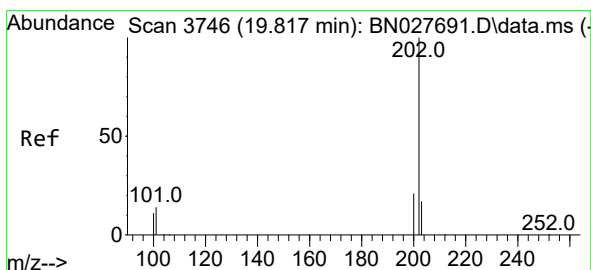
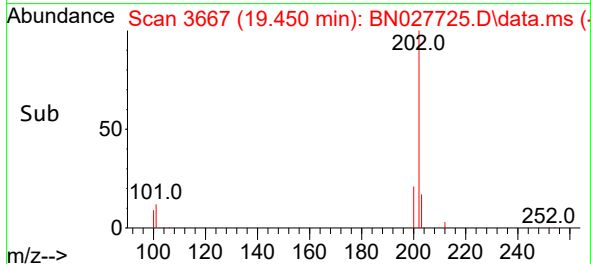
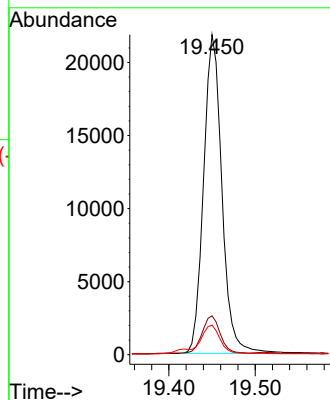
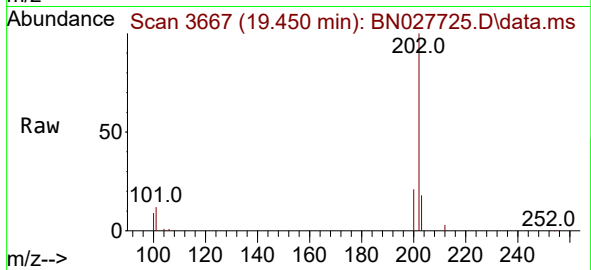




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.450 min Scan# 3668
Delta R.T. -0.005 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

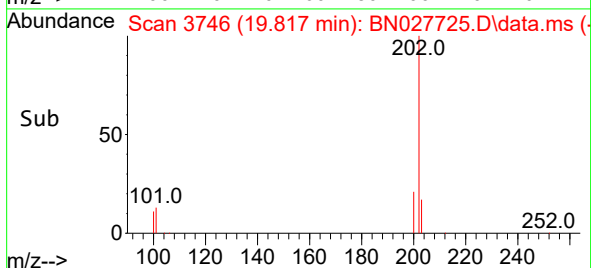
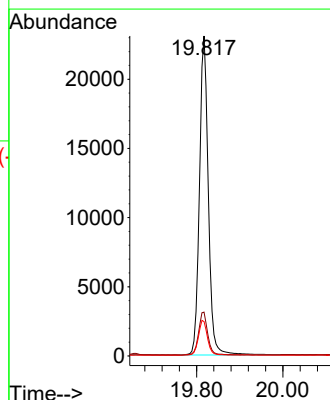
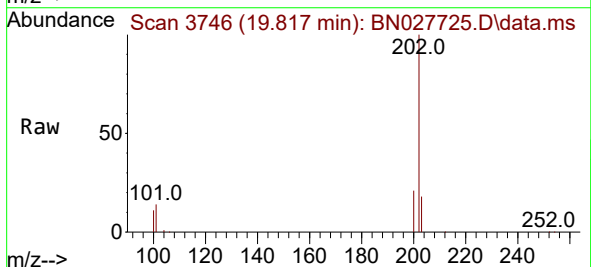
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SSTD0.4265

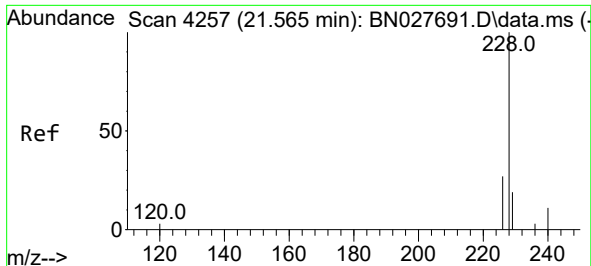
Tgt Ion:202 Resp: 32234
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 9.2 7.0 10.4



#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:202 Resp: 32901
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.7 9.1 13.7

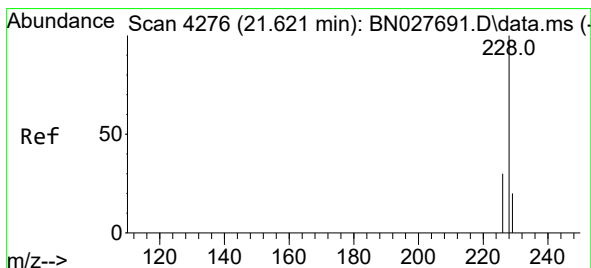
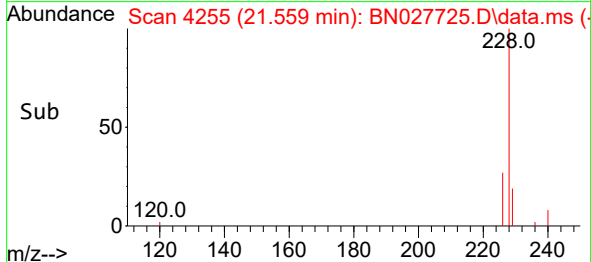
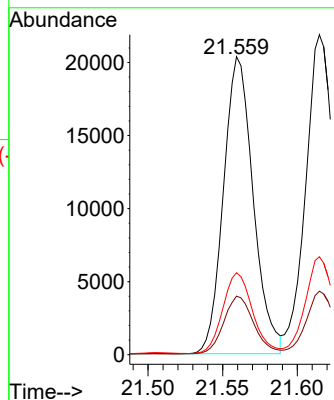
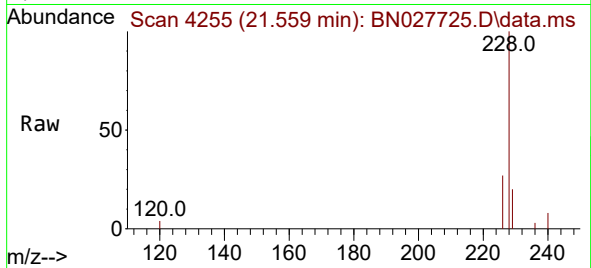




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.559 min Scan# 4255
Delta R.T. -0.006 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

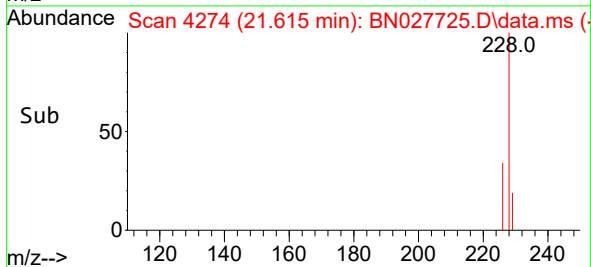
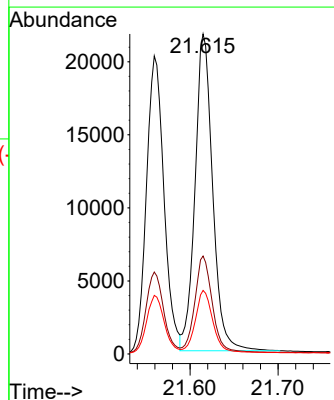
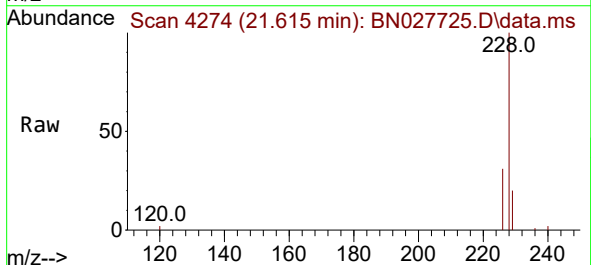
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

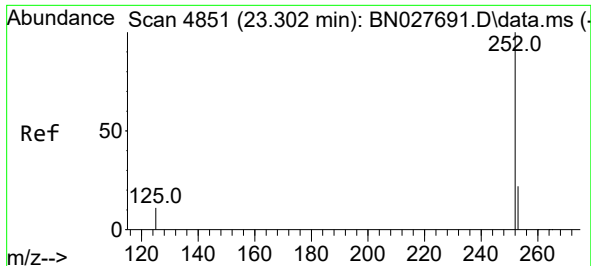
Tgt Ion:228 Resp: 28152
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:228 Resp: 30283
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.9 16.0 24.0

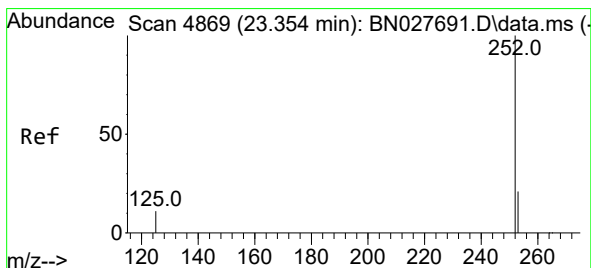
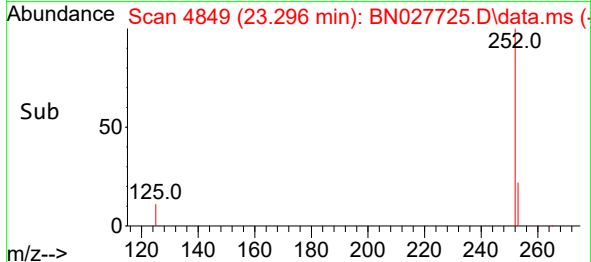
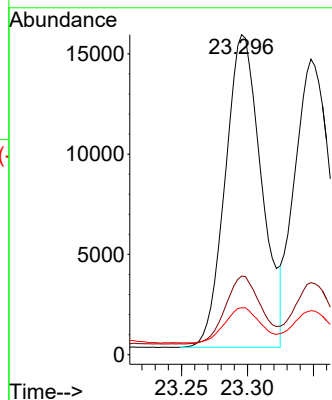
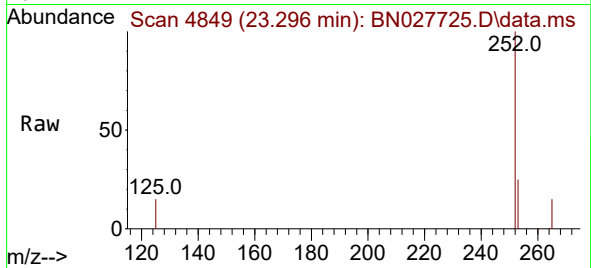




#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 23.296 min Scan# 4849
Delta R.T. -0.006 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

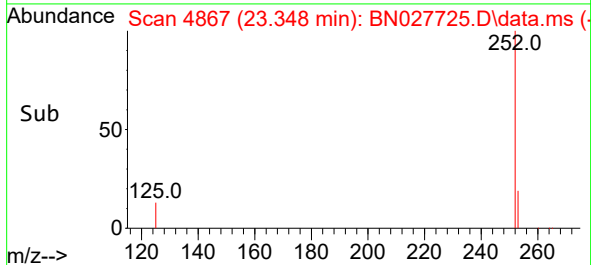
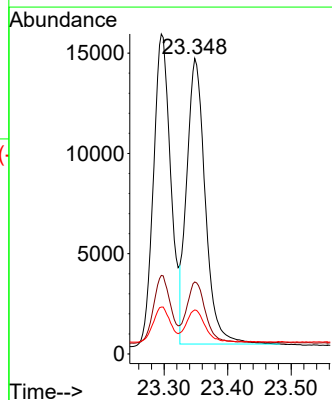
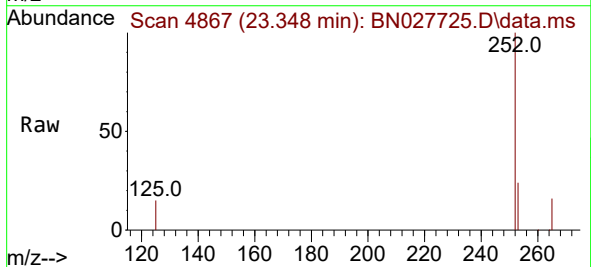
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

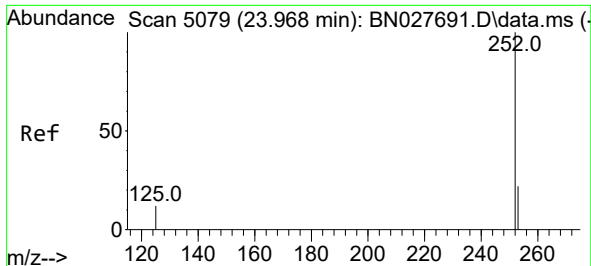
Tgt Ion:252 Resp: 29770
Ion Ratio Lower Upper
252 100
253 24.6 0.0 50.2
125 14.7 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. -0.006 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

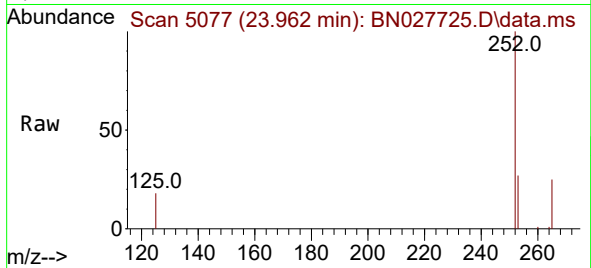
Tgt Ion:252 Resp: 28809
Ion Ratio Lower Upper
252 100
253 24.4 19.9 29.9
125 14.9 12.6 19.0



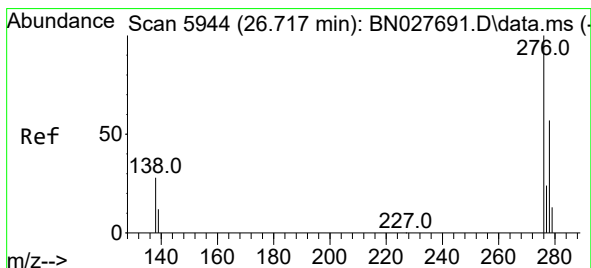
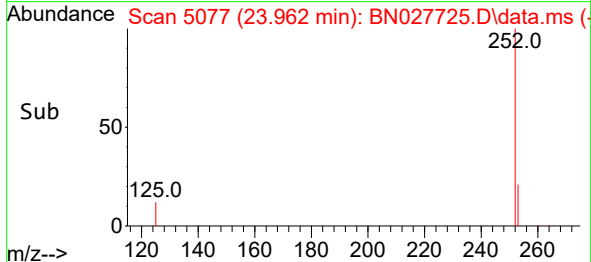
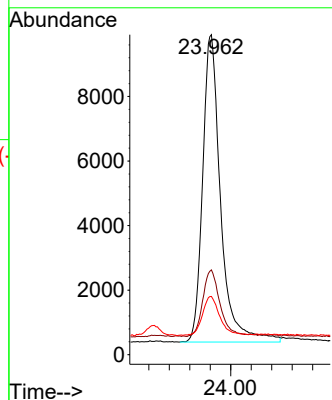


#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.962 min Scan# 5079
Delta R.T. -0.006 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

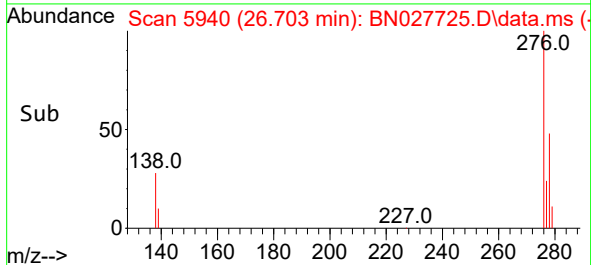
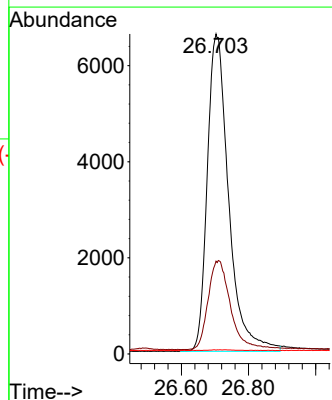
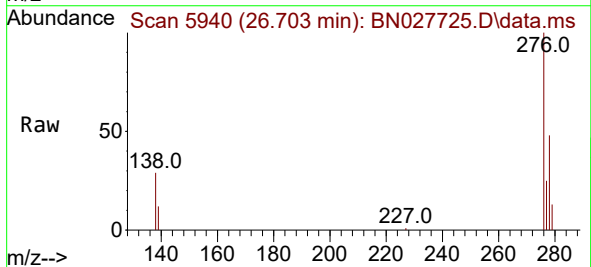


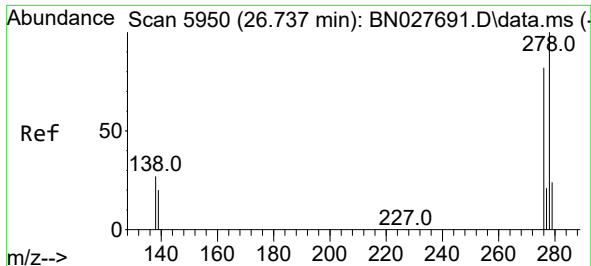
Tgt Ion:252 Resp: 23203
Ion Ratio Lower Upper
252 100
253 26.5 21.9 32.9
125 18.2 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 26.703 min Scan# 5940
Delta R.T. -0.014 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

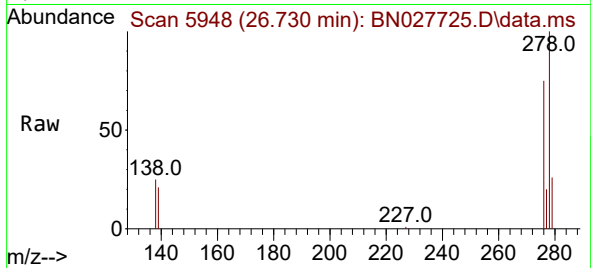
Tgt Ion:276 Resp: 29077
Ion Ratio Lower Upper
276 100
138 29.4 24.3 36.5
227 0.2 0.0 0.0#



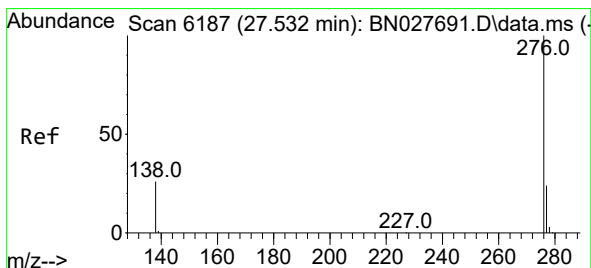
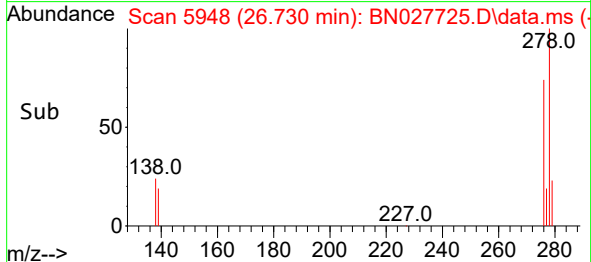
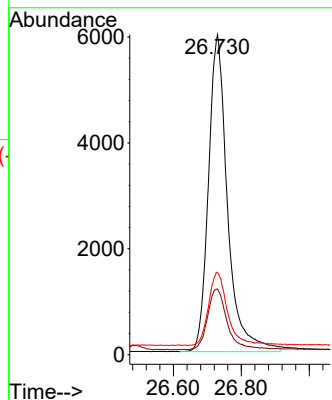


#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.730 min Scan# 5948
Delta R.T. -0.007 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.4265



Tgt Ion:278 Resp: 23317
Ion Ratio Lower Upper
278 100
139 20.6 17.2 25.8
279 25.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. -0.017 min
Lab File: BN027725.D
Acq: 16 Sep 2023 10:51

Tgt Ion:276 Resp: 25036
Ion Ratio Lower Upper
276 100
138 26.1 21.7 32.5
277 24.2 20.2 30.2

