

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028153.D
 Acq On : 08 Oct 2023 11:57
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4295

Quant Time: Oct 09 00:47:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

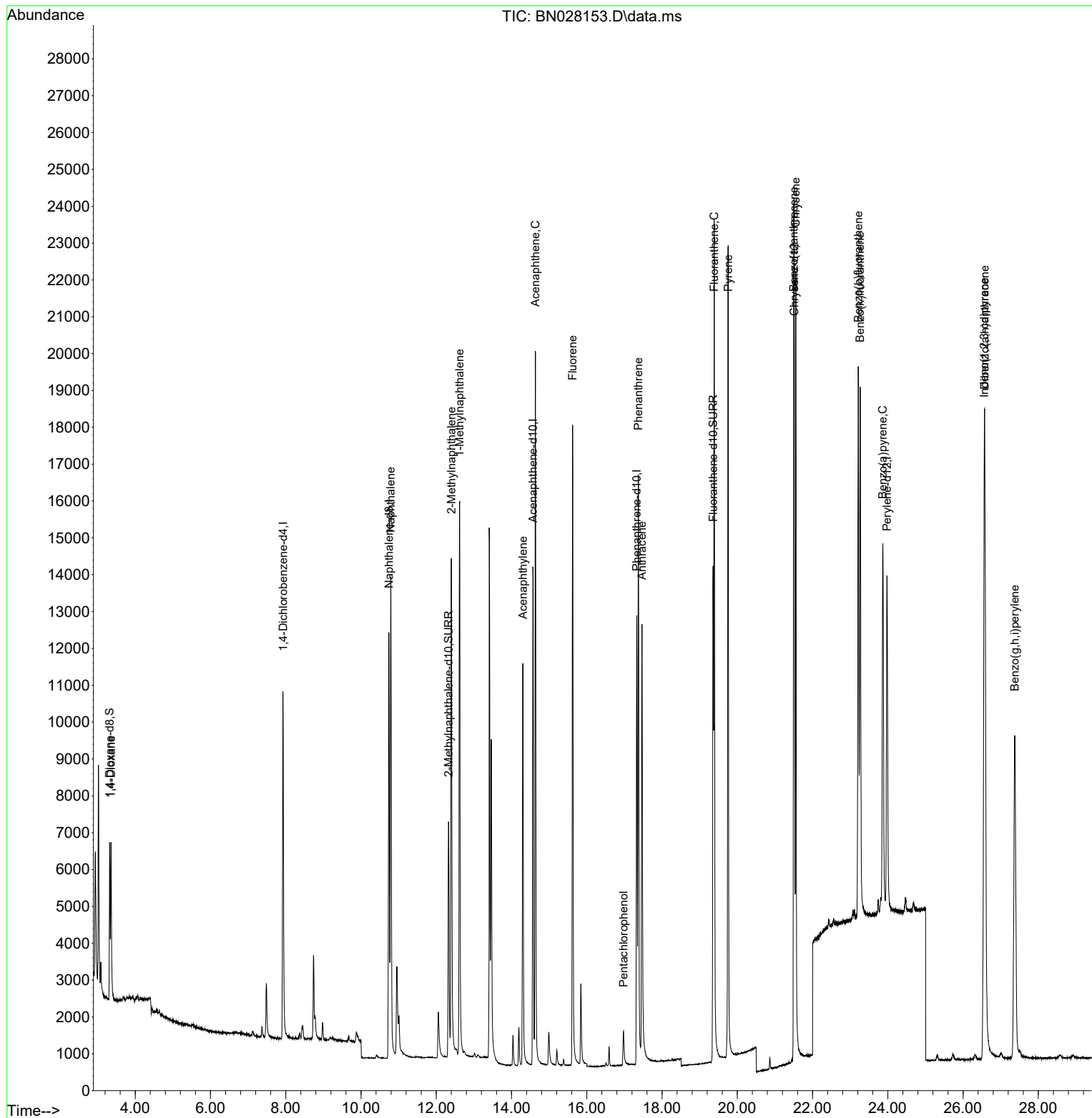
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	5625	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	16922	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.569	164	8155	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.329	188	15262	0.400	ng/ul	0.00
17) Chrysene-d12	21.516	240	13260	0.400	ng/ul	0.00
23) Perylene-d12	23.977	264	14029	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	3153	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	9936	0.364	ng/ul	-0.01
18) Fluoranthene-d10	19.357	212	16739	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.355	88	3098	0.414	ng/ul	94
5) Naphthalene	10.790	128	19198	0.400	ng/ul	100
7) 2-Methylnaphthalene	12.401	142	11023	0.364	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	11375	0.363	ng/ul	100
10) Acenaphthylene	14.300	152	14035	0.379	ng/ul	100
11) Acenaphthene	14.633	153	11727	0.398	ng/ul	100
12) Fluorene	15.623	166	12435	0.380	ng/ul	100
14) Pentachlorophenol	16.974	266	912	0.279	ng/ul	99
15) Phenanthrene	17.371	178	18563	0.408	ng/ul	100
16) Anthracene	17.468	178	15911	0.391	ng/ul	99
19) Fluoranthene	19.385	202	20298	0.401	ng/ul	99
20) Pyrene	19.757	202	20835	0.397	ng/ul	99
21) Benzo(a)anthracene	21.501	228	18801	0.388	ng/ul	99
22) Chrysene	21.554	228	19883	0.407	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	20847	0.401	ng/ul	99
25) Benzo(k)fluoranthene	23.264	252	21371	0.413	ng/ul	99
26) Benzo(a)pyrene	23.866	252	17996	0.406	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.562	276	24986	0.466	ng/ul	99
28) Dibenzo(a,h)anthracene	26.576	278	20315	0.465	ng/ul	99
29) Benzo(g,h,i)perylene	27.374	276	21418	0.488	ng/ul	99

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

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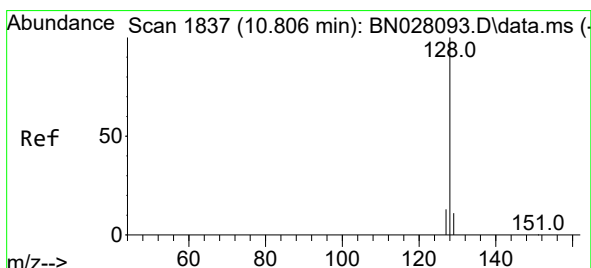
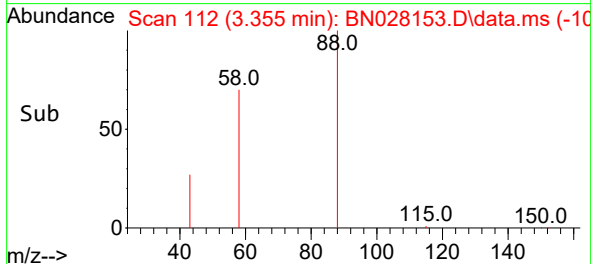
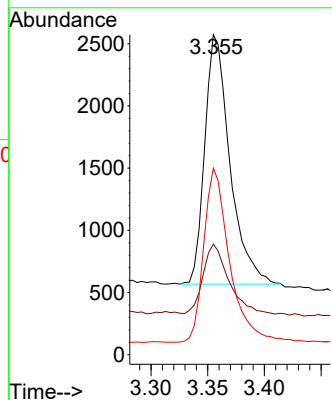
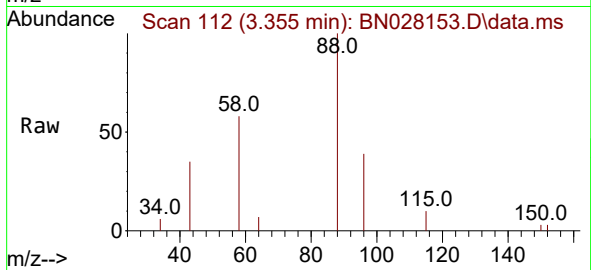




#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.355 min Scan# 115
Delta R.T. -0.009 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

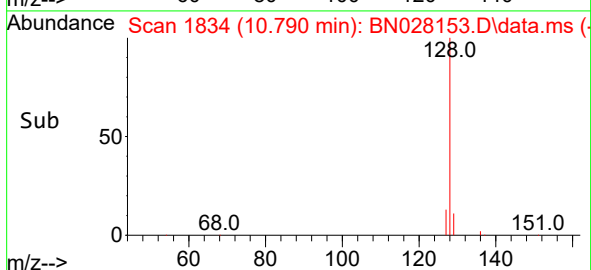
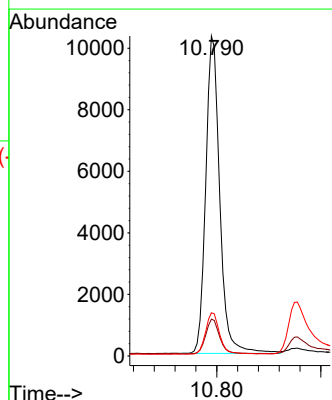
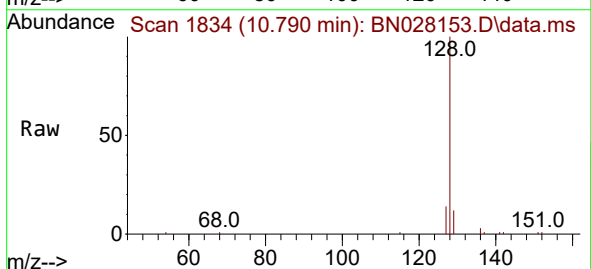
Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

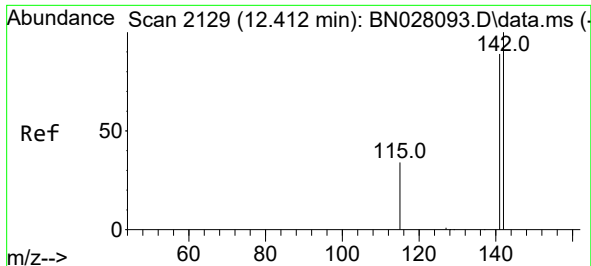
Tgt Ion: 88 Resp: 3098
Ion Ratio Lower Upper
88 100
43 34.6 33.4 50.2
58 58.3 45.7 68.5



#5
Naphthalene
Concen: 0.400 ng/ul
RT: 10.790 min Scan# 1834
Delta R.T. -0.017 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion: 128 Resp: 19198
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.5 11.0 16.4

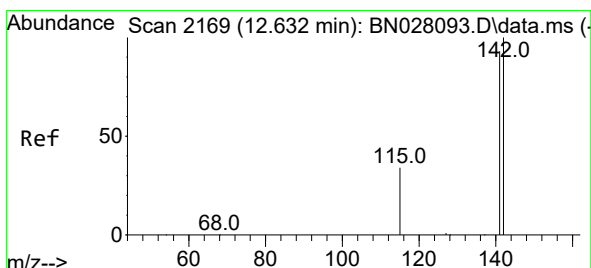
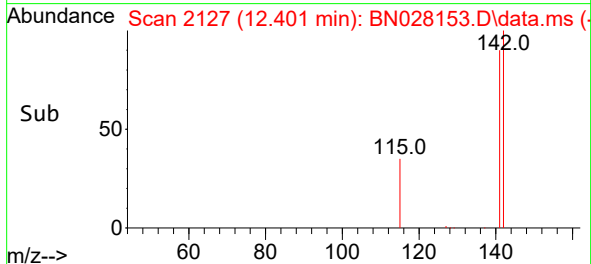
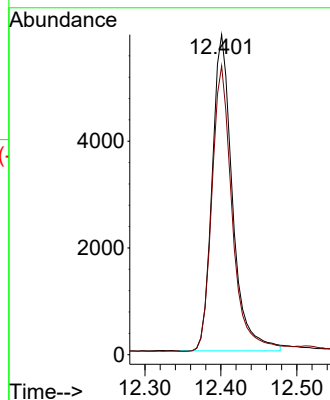
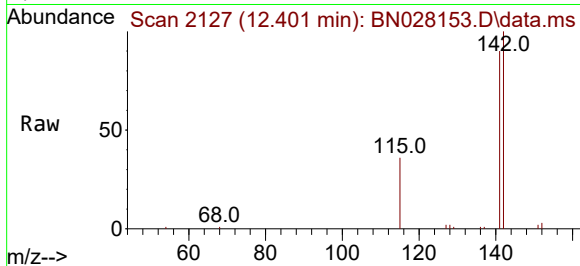




#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.401 min Scan# 2127
Delta R.T. -0.011 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

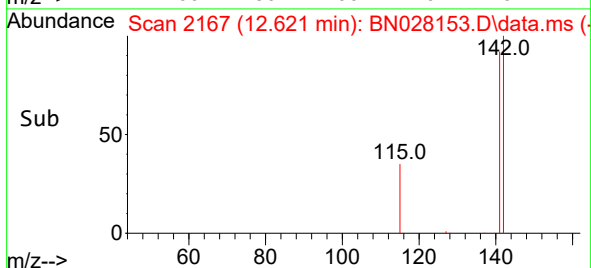
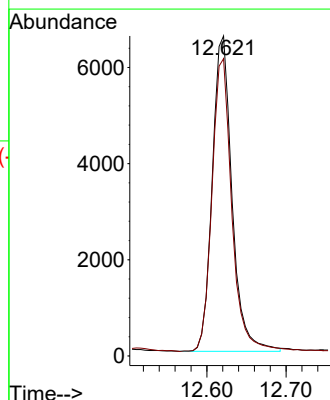
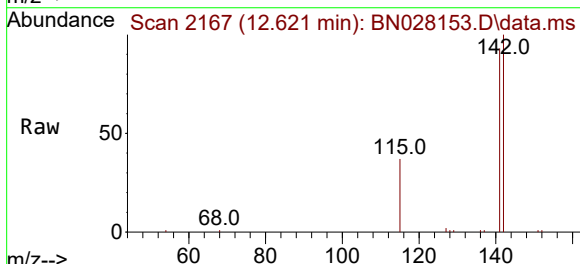
Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

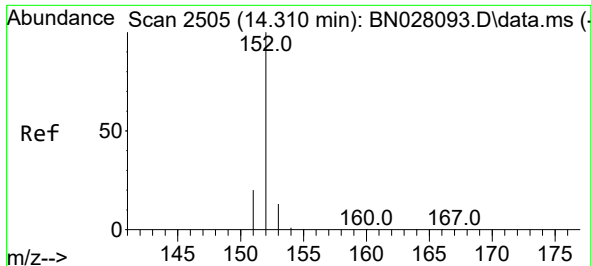
Tgt Ion:142 Resp: 11023
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.621 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:142 Resp: 11375
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6

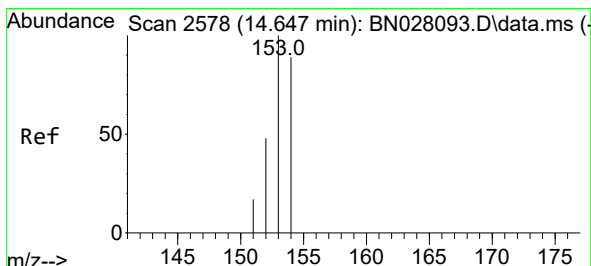
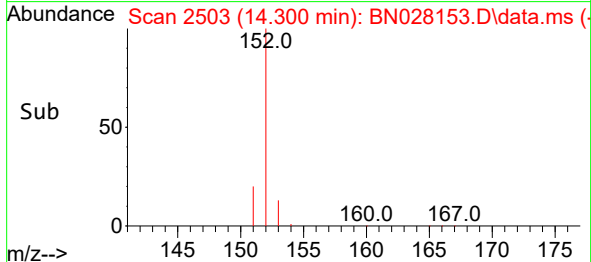
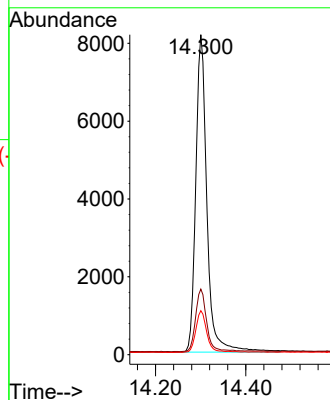
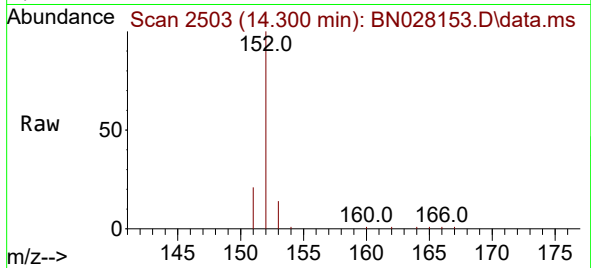




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.300 min Scan# 2505
Delta R.T. -0.009 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

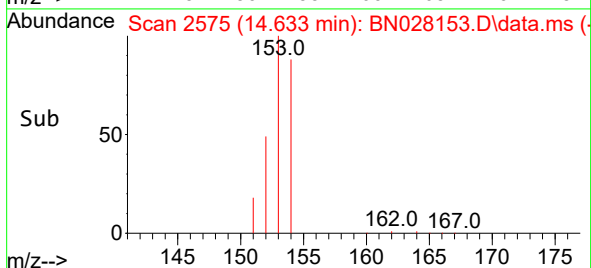
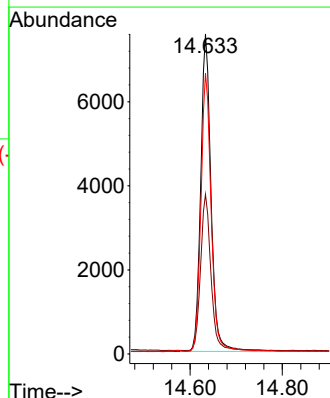
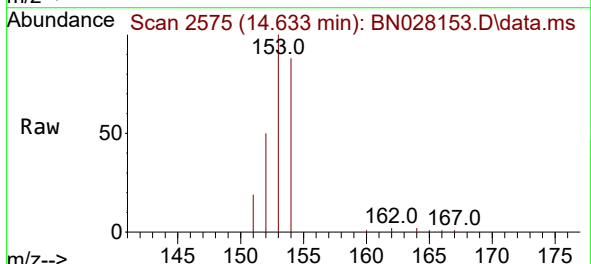
Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

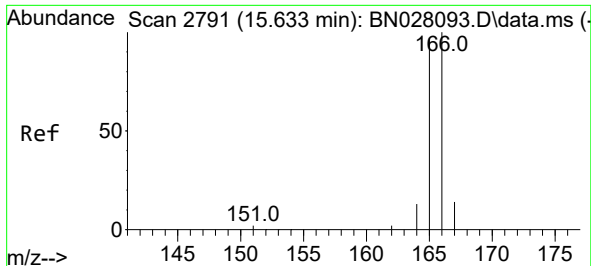
Tgt Ion:152 Resp: 14035
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.633 min Scan# 2575
Delta R.T. -0.009 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:153 Resp: 11727
Ion Ratio Lower Upper
153 100
152 49.9 39.4 59.0
154 87.7 70.2 105.4

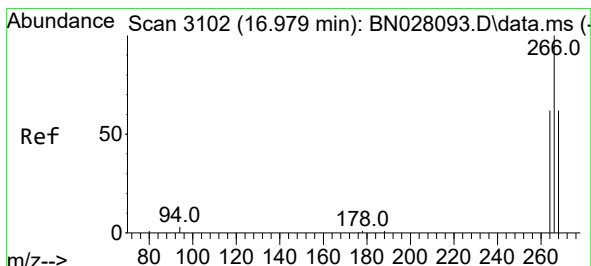
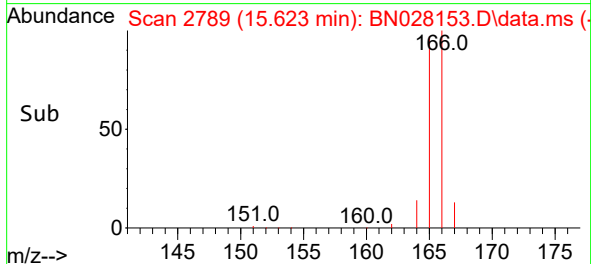
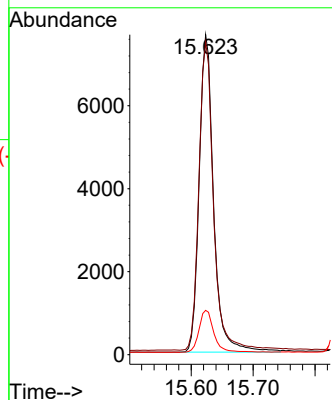
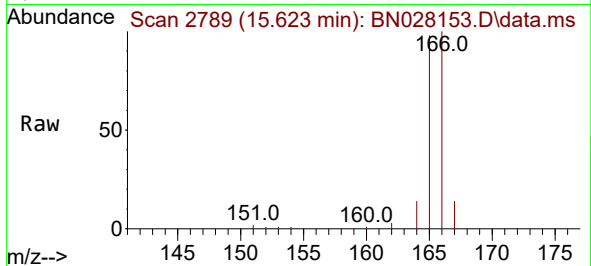




#12
Fluorene
Concen: 0.380 ng/ul
RT: 15.623 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

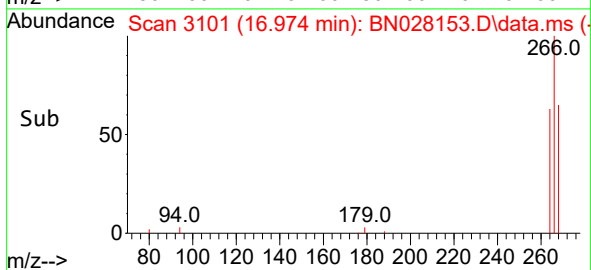
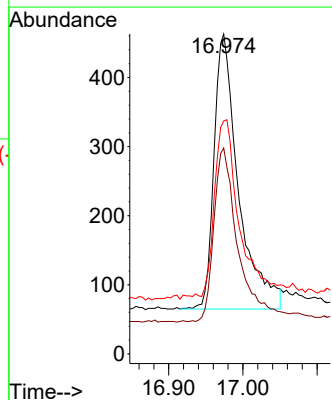
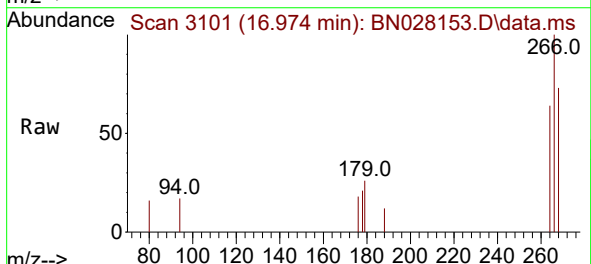
Instrument :
BNA_N
ClientSampleId :
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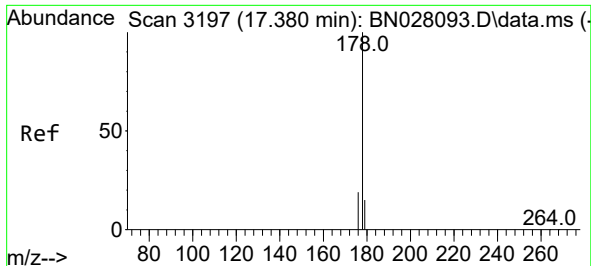
Tgt Ion:166 Resp: 12435
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.279 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:266 Resp: 912
Ion Ratio Lower Upper
266 100
264 62.1 49.6 74.4
268 63.2 52.2 78.4

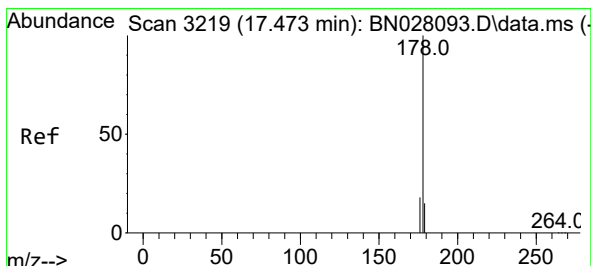
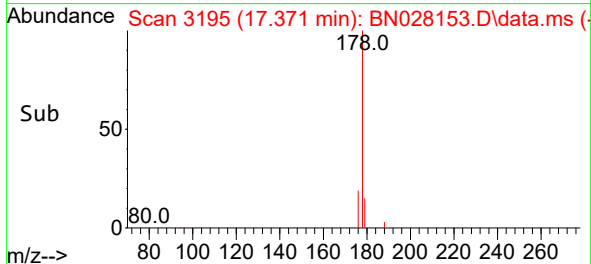
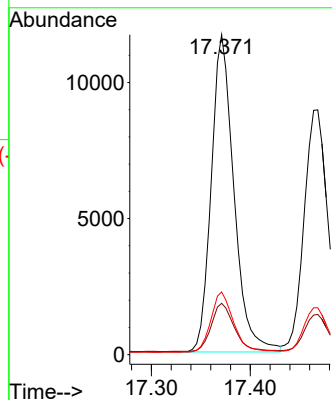
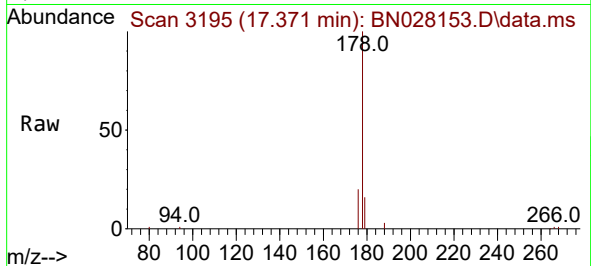




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.371 min Scan# 3195
Delta R.T. -0.004 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

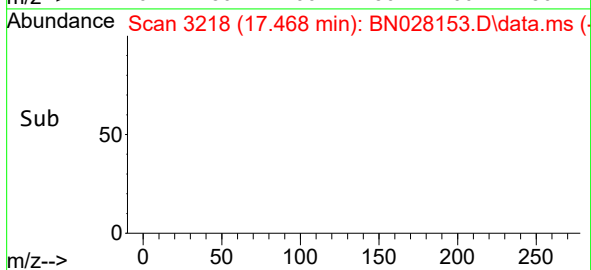
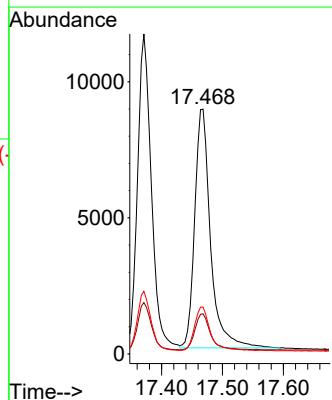
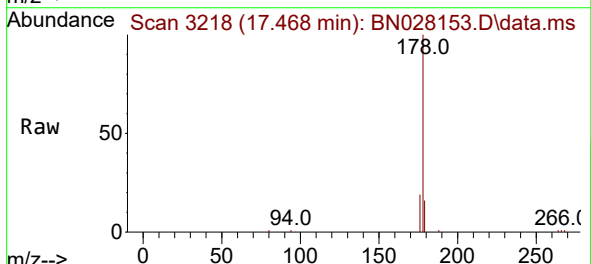
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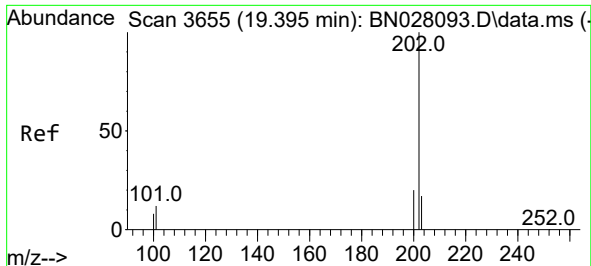
Tgt Ion:178 Resp: 18563
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.5 23.3



#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:178 Resp: 15911
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.1 15.0 22.6

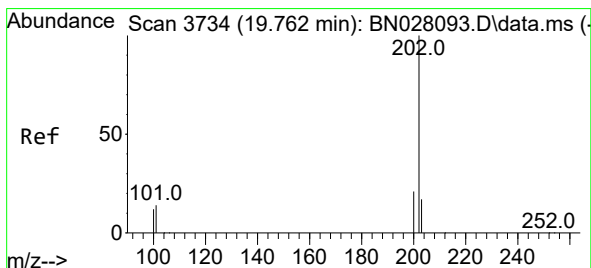
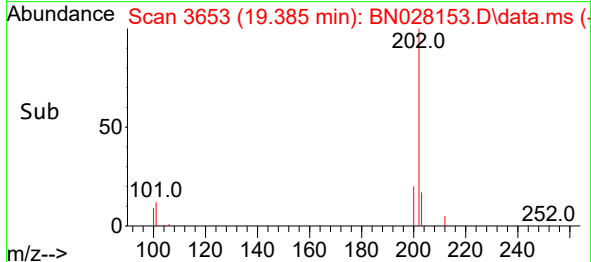
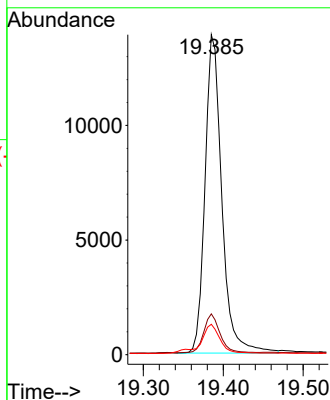
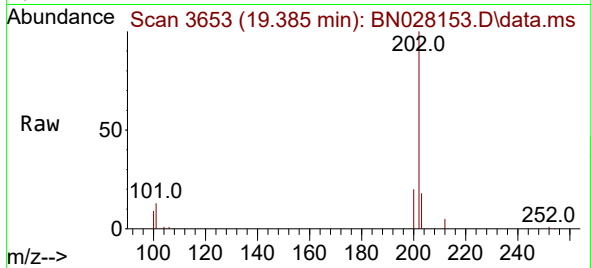




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.385 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

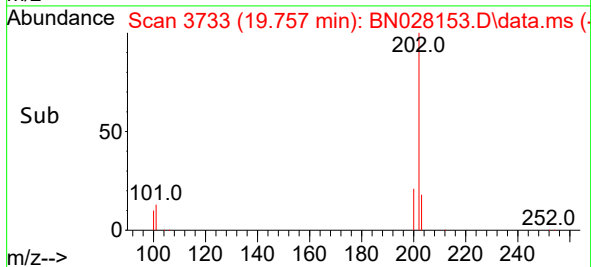
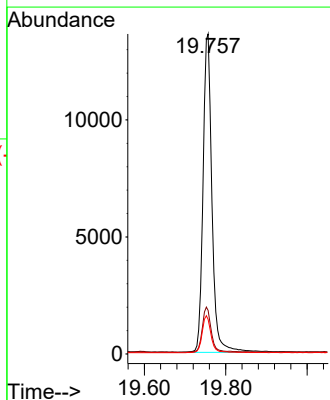
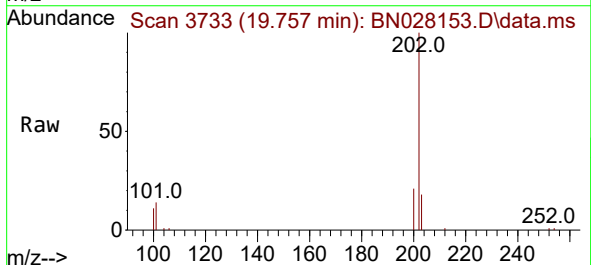
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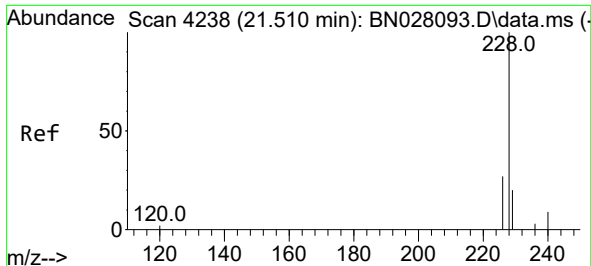
Tgt Ion:202 Resp: 20298
Ion Ratio Lower Upper
202 100
101 12.8 9.6 14.4
100 9.5 7.4 11.0



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

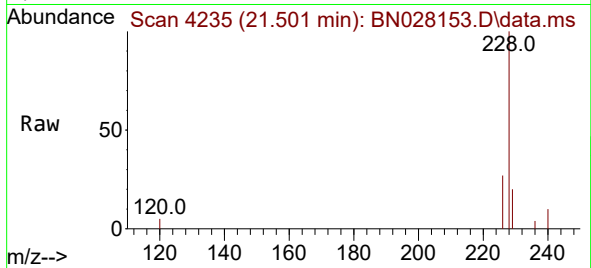
Tgt Ion:202 Resp: 20835
Ion Ratio Lower Upper
202 100
101 13.6 11.2 16.8
100 10.8 9.1 13.7



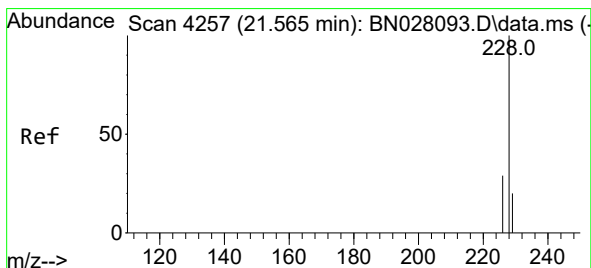
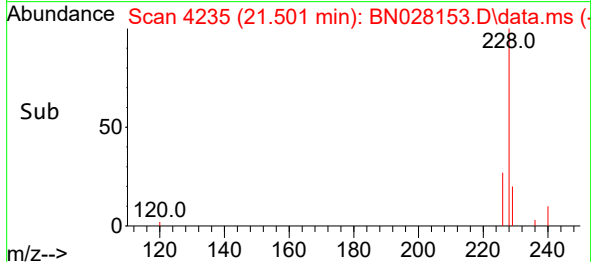
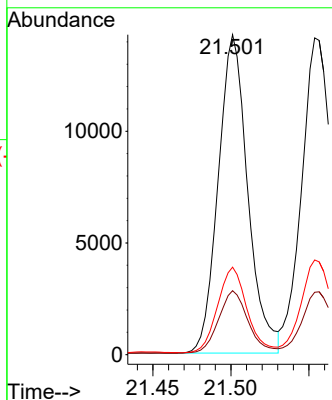


#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Instrument :
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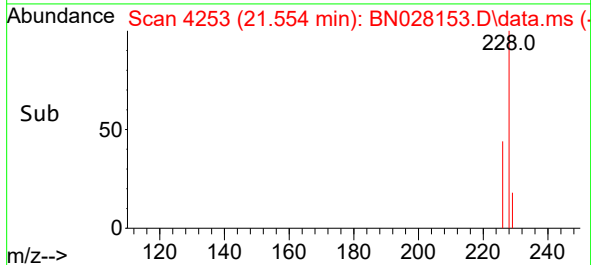
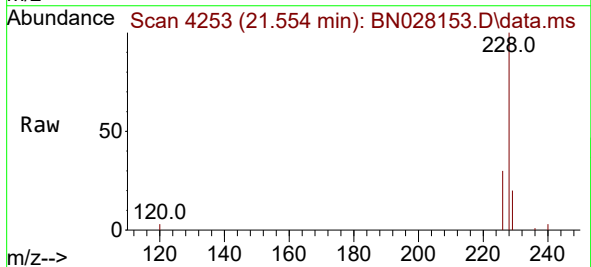
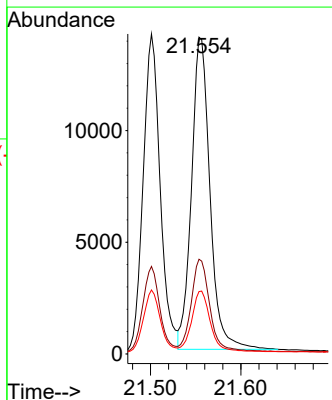


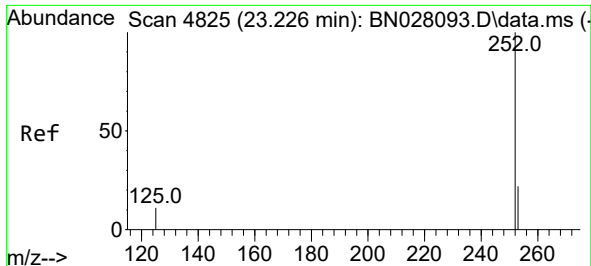
Tgt Ion:228 Resp: 18801
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 27.4 21.5 32.3



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

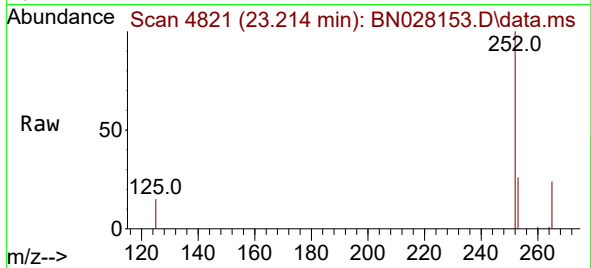
Tgt Ion:228 Resp: 19883
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 19.7 16.0 24.0



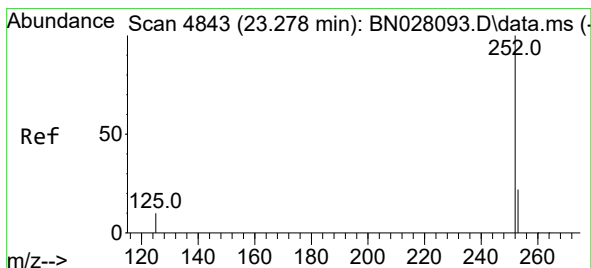
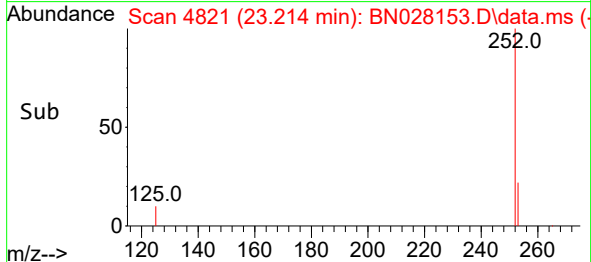
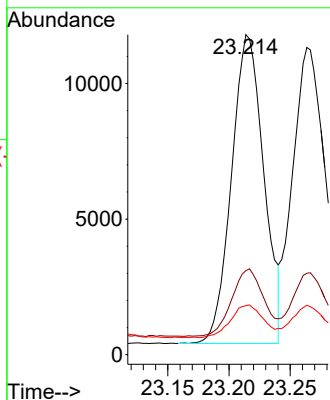


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 23.214 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

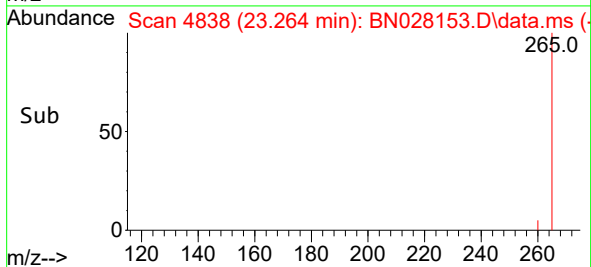
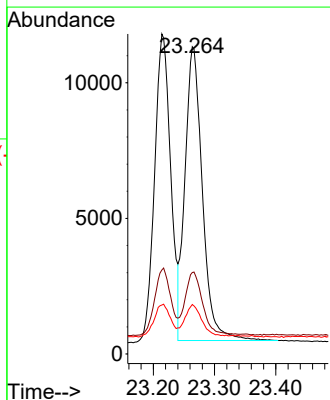
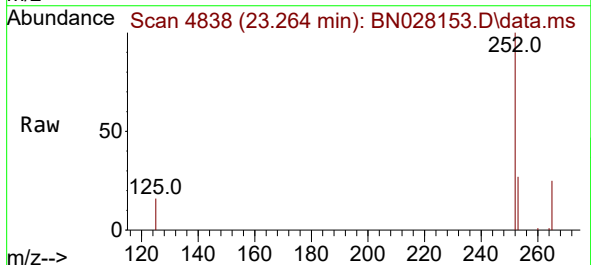


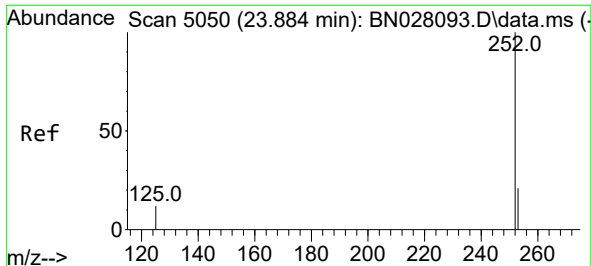
Tgt Ion:252 Resp: 20847
Ion Ratio Lower Upper
252 100
253 26.2 0.0 54.0
125 15.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.413 ng/ul
RT: 23.264 min Scan# 4838
Delta R.T. -0.003 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:252 Resp: 21371
Ion Ratio Lower Upper
252 100
253 26.5 21.8 32.8
125 16.1 12.8 19.2

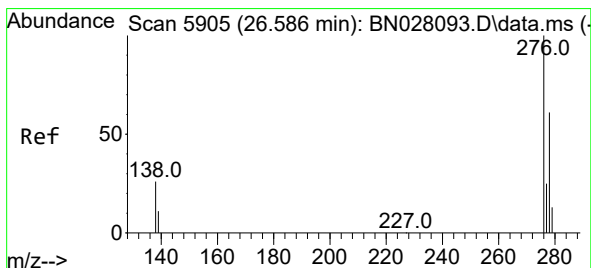
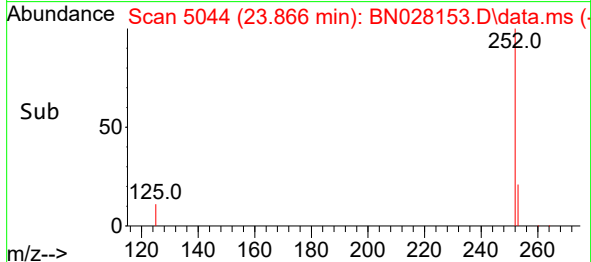
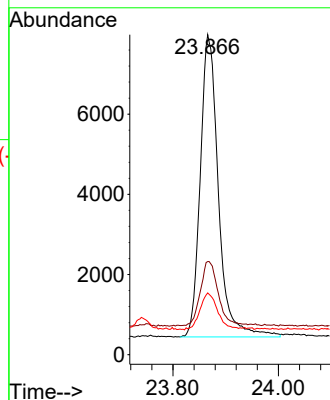
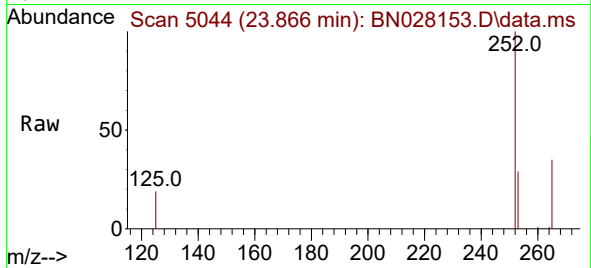




#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.866 min Scan# 5050
Delta R.T. -0.003 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

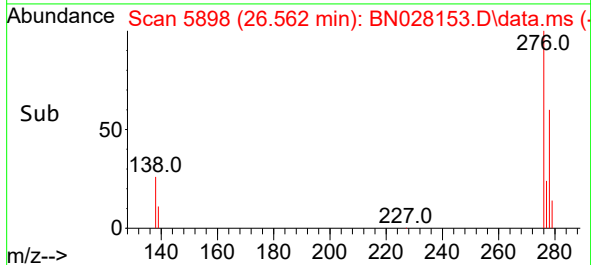
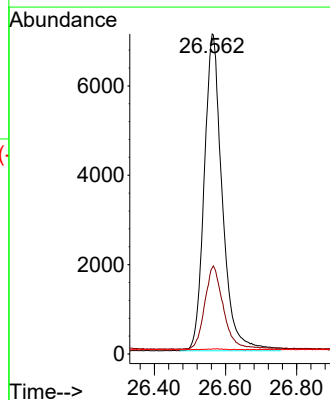
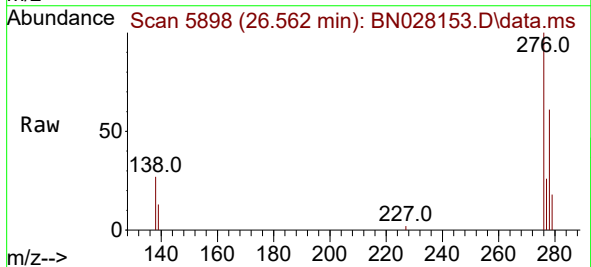
Instrument :
BNA_N
ClientSampleId :
SSTD0.4295

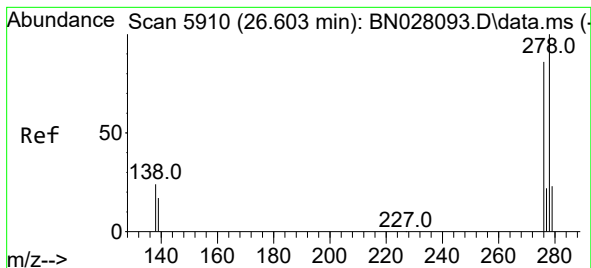
Tgt Ion:252 Resp: 17996
Ion Ratio Lower Upper
252 100
253 29.1 23.4 35.2
125 19.3 15.3 22.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng/ul
RT: 26.562 min Scan# 5898
Delta R.T. -0.003 min
Lab File: BN028153.D
Acq: 08 Oct 2023 11:57

Tgt Ion:276 Resp: 24986
Ion Ratio Lower Upper
276 100
138 27.4 21.6 32.4
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.465 ng/ul

RT: 26.576 min Scan# 5910

Delta R.T. -0.007 min

Lab File: BN028153.D

Acq: 08 Oct 2023 11:57

Instrument :

BNA_N

ClientSampleId :

SSTD0.4295

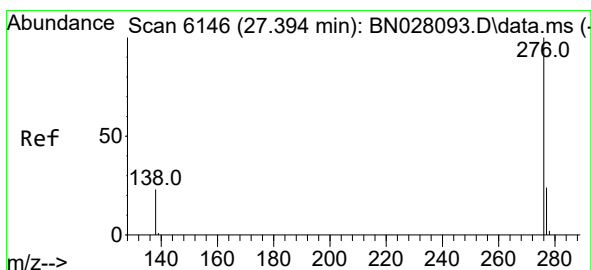
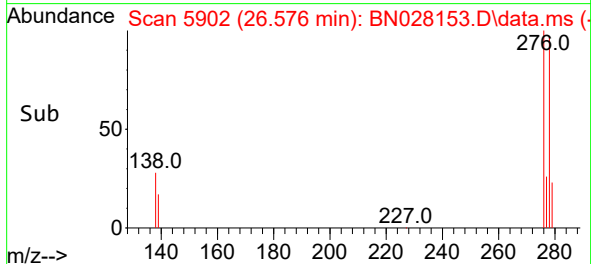
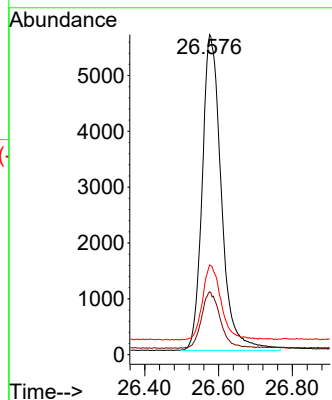
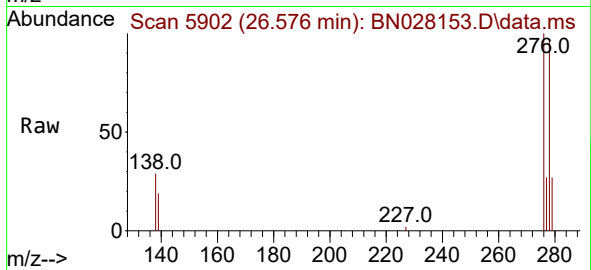
Tgt Ion:278 Resp: 20315

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

279 28.1 22.8 34.2



#29

Benzo(g,h,i)perylene

Concen: 0.488 ng/ul

RT: 27.374 min Scan# 6140

Delta R.T. -0.003 min

Lab File: BN028153.D

Acq: 08 Oct 2023 11:57

Tgt Ion:276 Resp: 21418

Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.6

277 25.2 20.6 31.0

