

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072222\
 Data File : BN020822.D
 Acq On : 22 Jul 2022 16:11
 Operator : CG/JU
 Sample : N3809-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 22 23:36:10 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

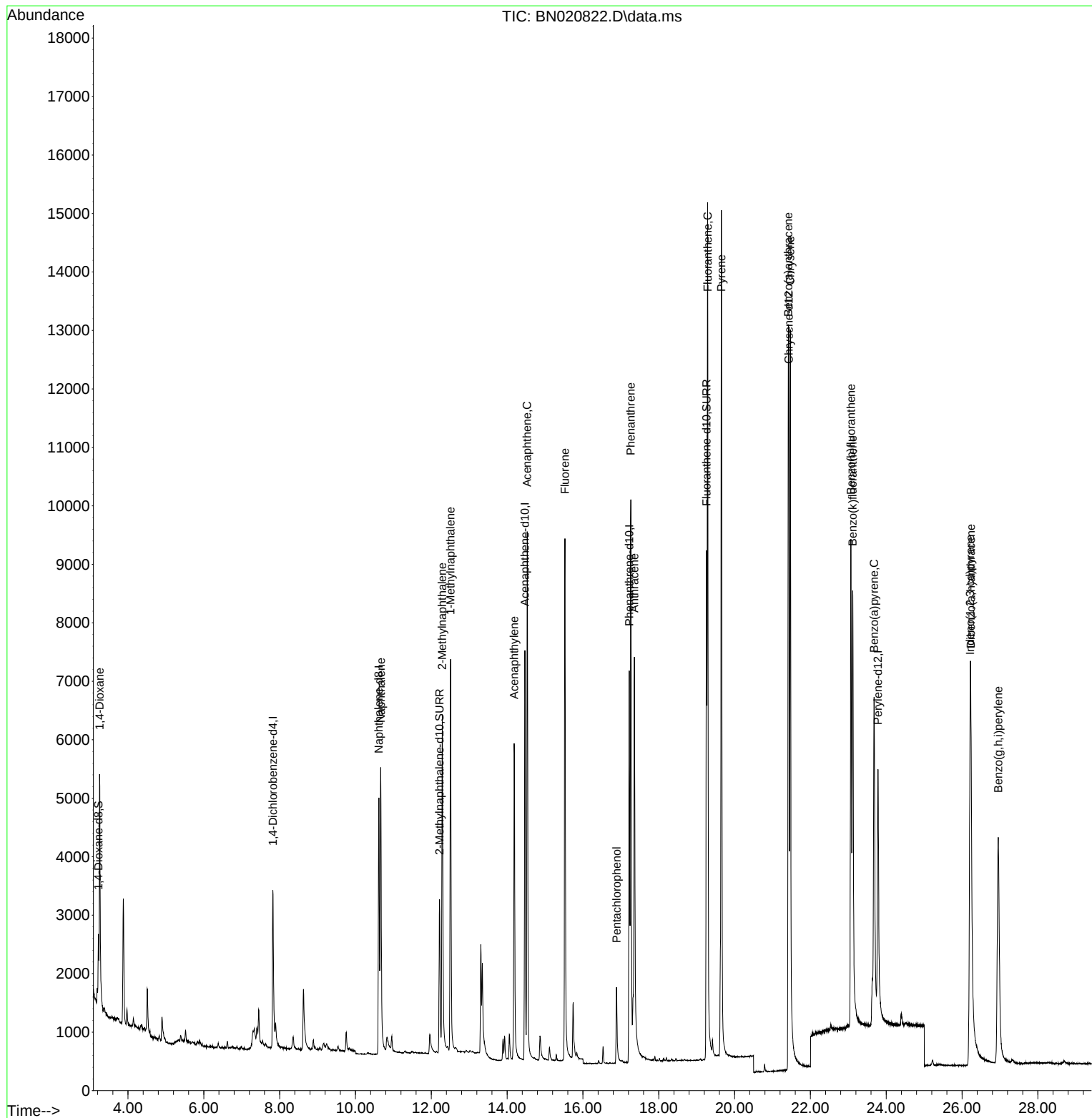
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	1966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	7060	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	8742	0.400	ng/ul	0.00
17) Chrysene-d12	21.432	240	8018	0.400	ng/ul	0.00
23) Perylene-d12	23.782	264	6688	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	792	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	4111	0.355	ng/ul	0.00
18) Fluoranthene-d10	19.257	212	10627	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	2625	1.129	ng/ul#	89
5) Naphthalene	10.667	128	8004	0.367	ng/ul	100
7) 2-Methylnaphthalene	12.289	142	4908	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	5201	0.376	ng/ul	98
10) Acenaphthylene	14.187	152	7496	0.377	ng/ul	99
11) Acenaphthene	14.530	153	5980	0.376	ng/ul	100
12) Fluorene	15.524	166	6807	0.361	ng/ul	98
14) Pentachlorophenol	16.888	266	1175	0.667	ng/ul	98
15) Phenanthrene	17.263	178	11654	0.383	ng/ul	100
16) Anthracene	17.356	178	9568	0.365	ng/ul	99
19) Fluoranthene	19.290	202	13702	0.374	ng/ul	98
20) Pyrene	19.653	202	14117	0.372	ng/ul	99
21) Benzo(a)anthracene	21.417	228	10566	0.367	ng/ul	100
22) Chrysene	21.470	228	12499	0.390	ng/ul	98
24) Benzo(b)fluoranthene	23.068	252	11835	0.382	ng/ul	98
25) Benzo(k)fluoranthene	23.115	252	11918	0.381	ng/ul	99
26) Benzo(a)pyrene	23.680	252	10539	0.375	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.211	276	11206	0.400	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.231	278	8922	0.395	ng/ul	98
29) Benzo(g,h,i)perylene	26.956	276	10217	0.425	ng/ul	98

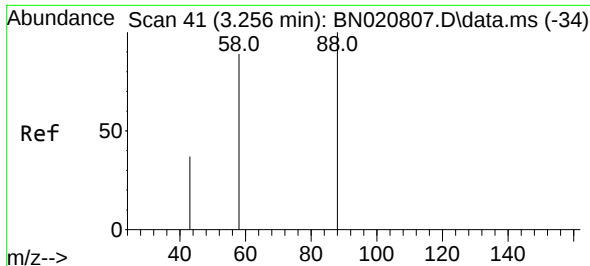
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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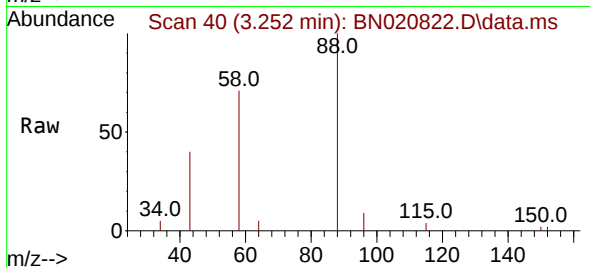
Quant Time: Jul 22 23:36:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 01:02:30 2022
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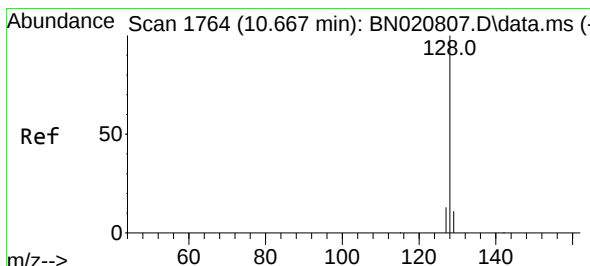
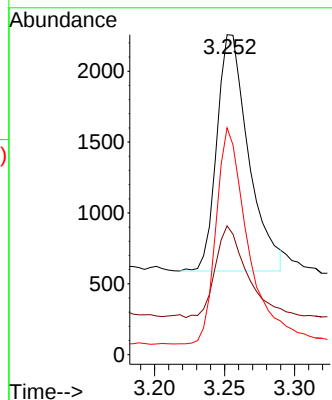
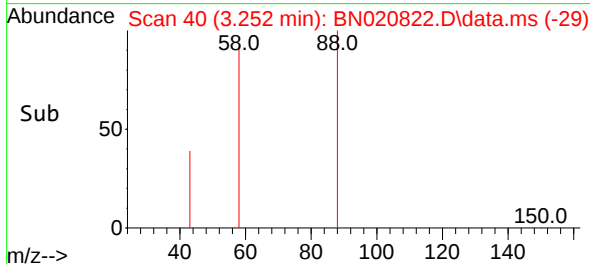


#2
 1,4-Dioxane
 Concen: 1.129 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020822.D
 Acq: 22 Jul 2022 16:11

Instrument :
 BNA_N
 ClientSampleId :

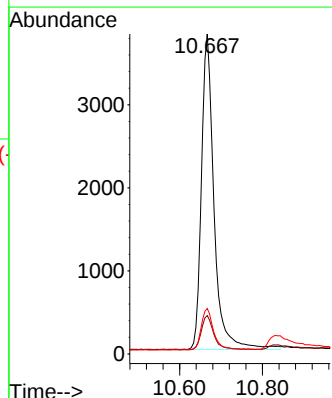
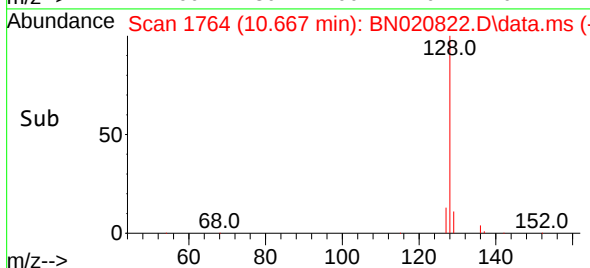
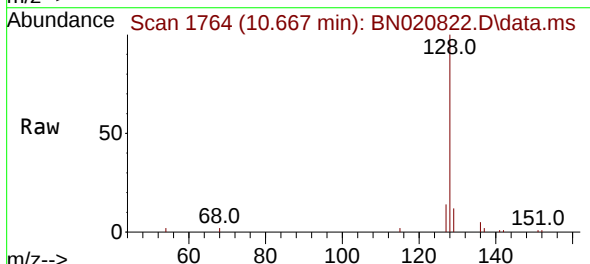


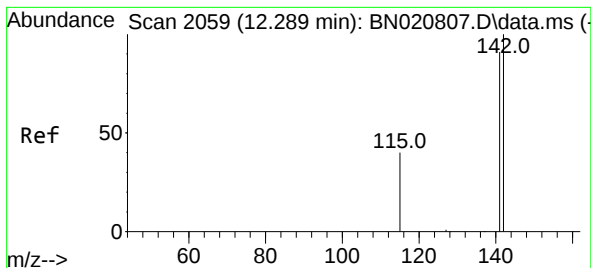
Tgt Ion: 88 Resp: 2625
 Ion Ratio Lower Upper
 88 100
 43 40.3 32.5 48.7
 58 70.9 46.2 69.2#



#5
 Naphthalene
 Concen: 0.367 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020822.D
 Acq: 22 Jul 2022 16:11

Tgt Ion: 128 Resp: 8004
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 14.2 11.3 16.9

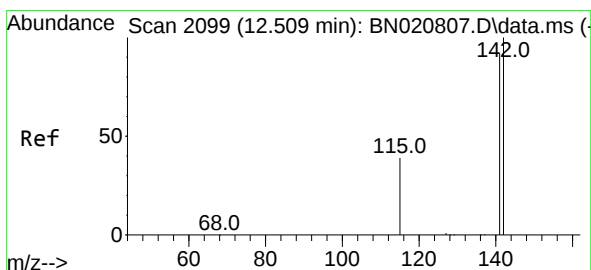
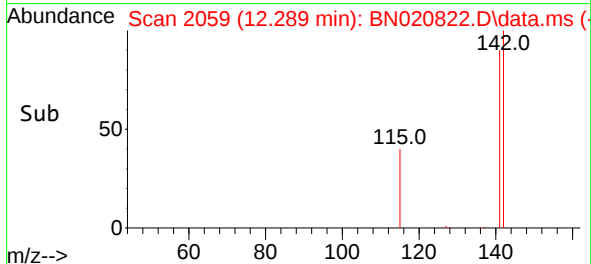
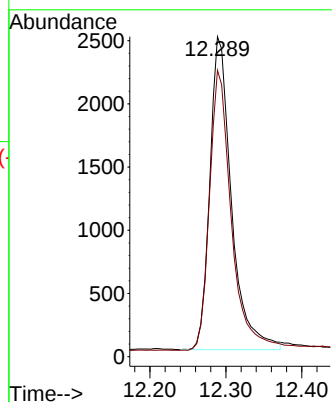
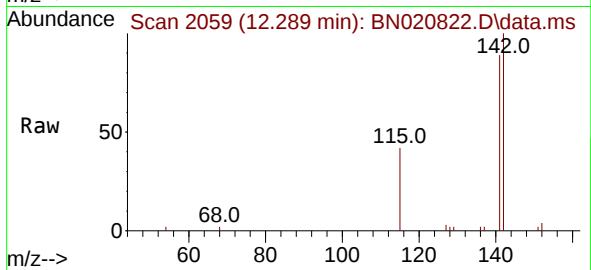




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

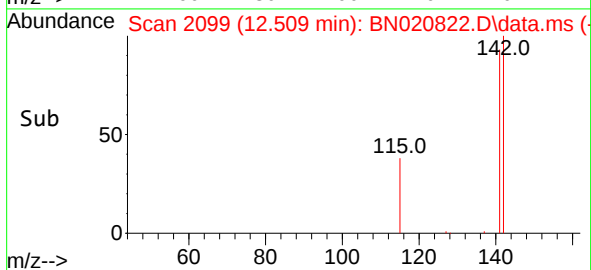
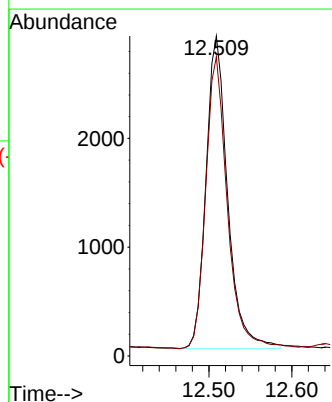
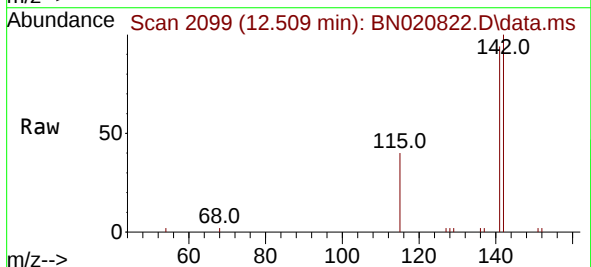
Instrument :
BNA_N
ClientSampleId :

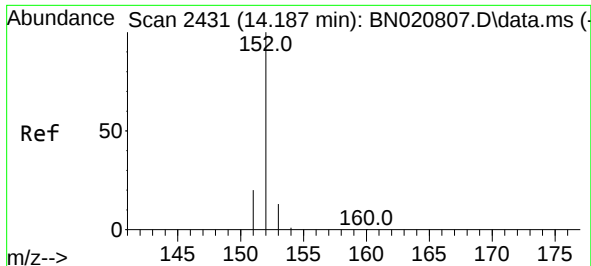
Tgt Ion:142 Resp: 4908
Ion Ratio Lower Upper
142 100
141 90.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

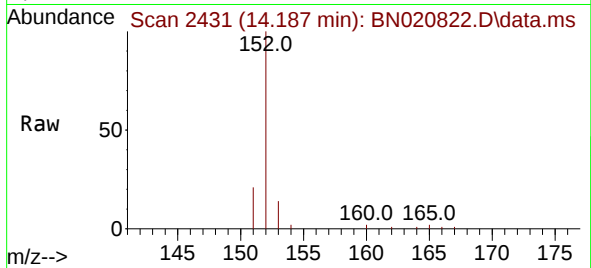
Tgt Ion:142 Resp: 5201
Ion Ratio Lower Upper
142 100
141 93.6 73.7 110.5



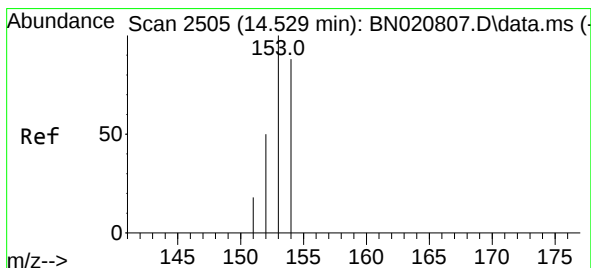
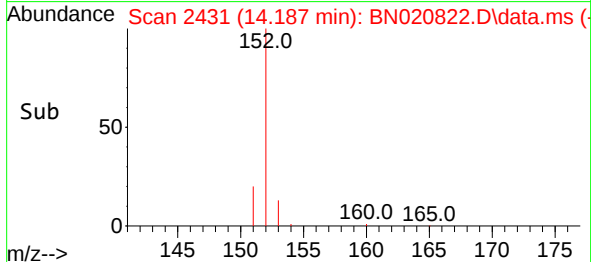
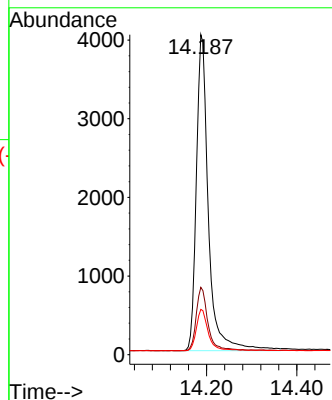


#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.187 min Scan# 2431
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

Instrument :
BNA_N
ClientSampleId :

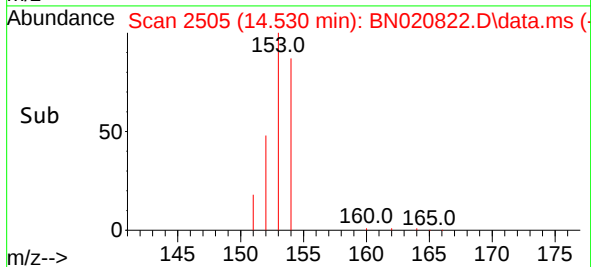
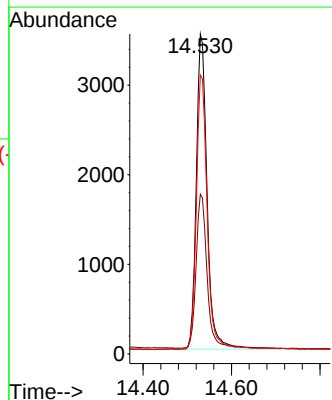
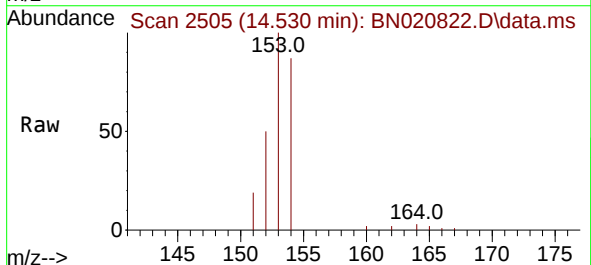


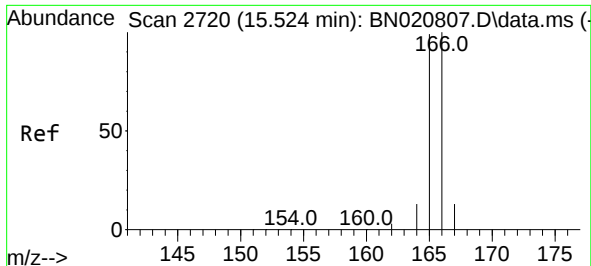
Tgt Ion:152 Resp: 7496
Ion Ratio Lower Upper
152 100
151 21.0 16.5 24.7
153 14.1 11.1 16.7



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

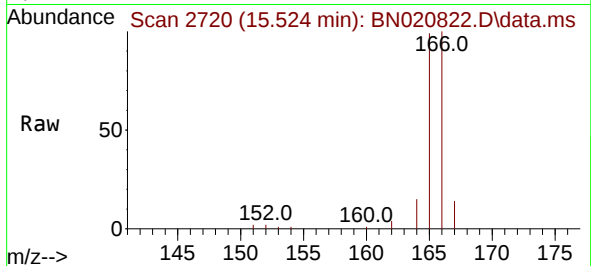
Tgt Ion:153 Resp: 5980
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.2 70.0 105.0



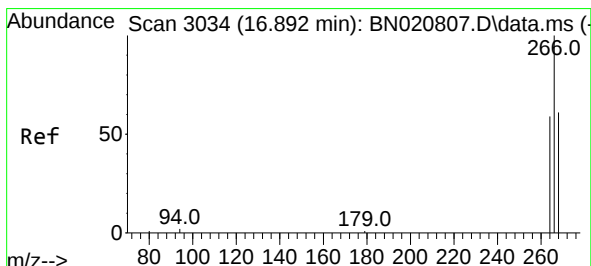
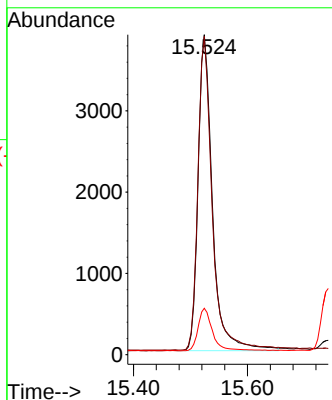
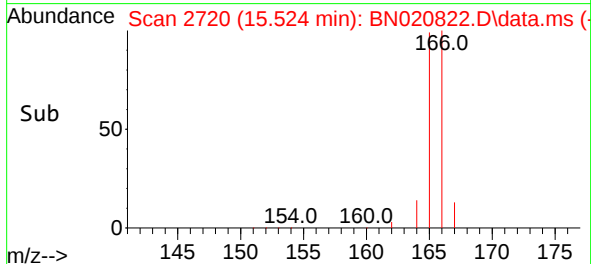


#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

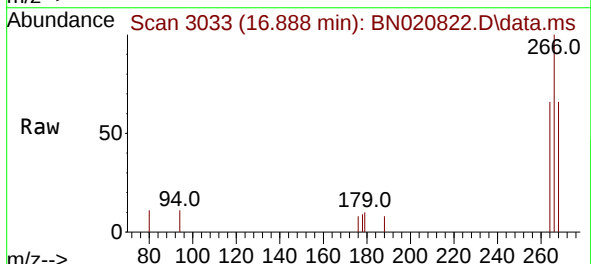
Instrument :
BNA_N
ClientSampleId :



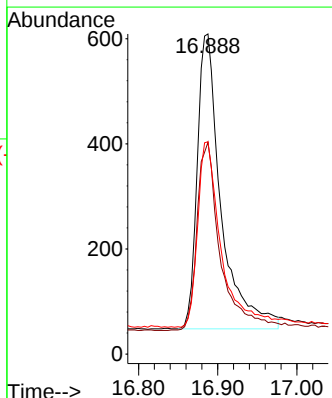
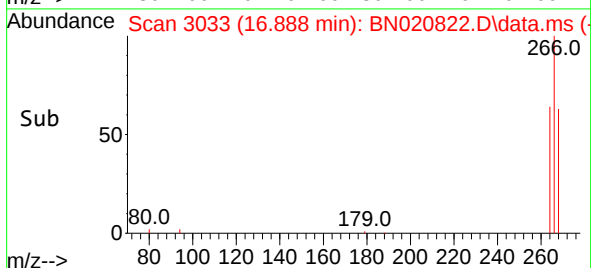
Tgt Ion:166 Resp: 6807
Ion Ratio Lower Upper
166 100
165 99.4 78.2 117.2
167 14.5 11.3 16.9

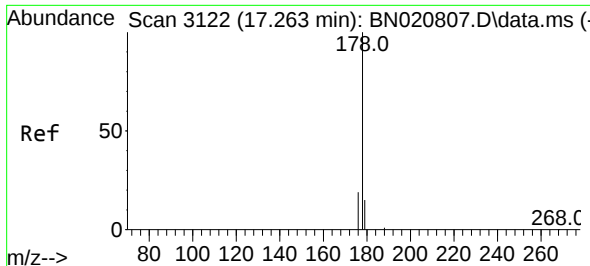


#14
Pentachlorophenol
Concen: 0.667 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.005 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11



Tgt Ion:266 Resp: 1175
Ion Ratio Lower Upper
266 100
264 62.8 51.6 77.4
268 62.8 51.5 77.3

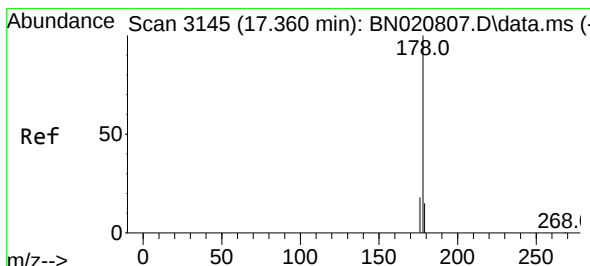
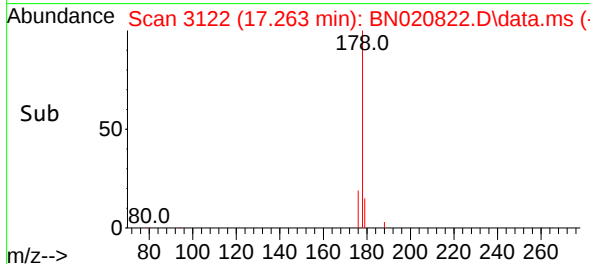
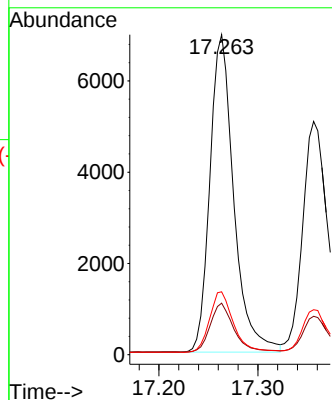
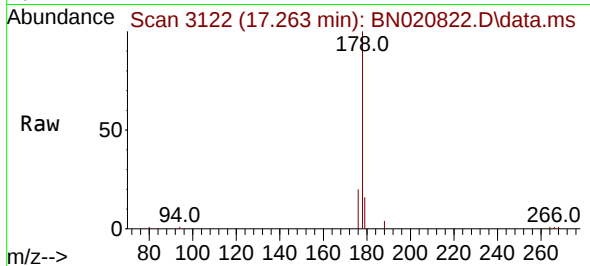




#15
Phenanthrene
Concen: 0.383 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

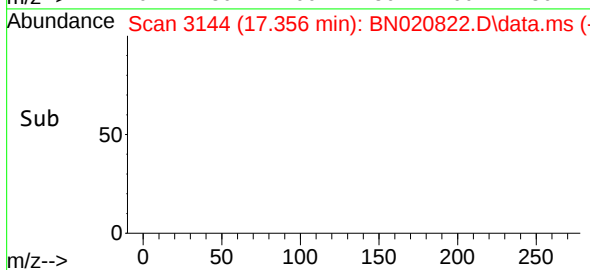
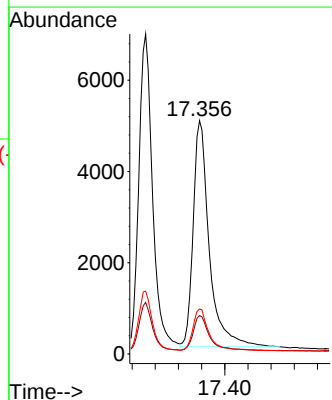
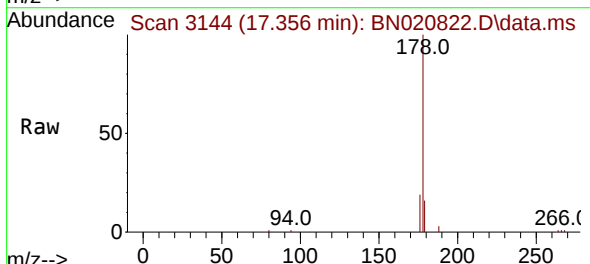
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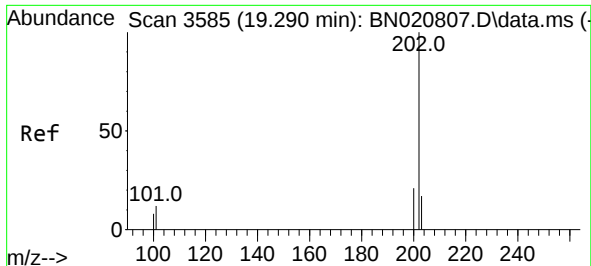
Tgt Ion:178 Resp: 11654
Ion Ratio Lower Upper
178 100
179 16.1 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

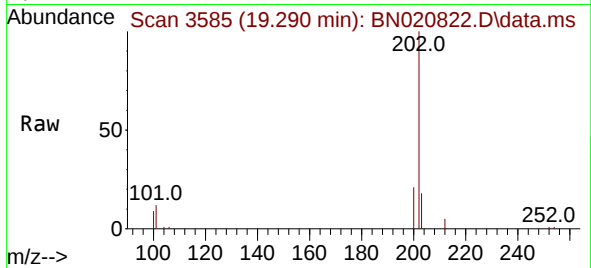
Tgt Ion:178 Resp: 9568
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.3 15.2 22.8



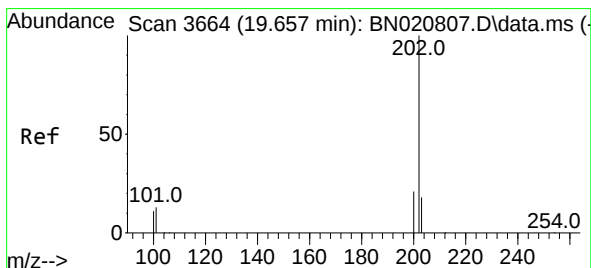
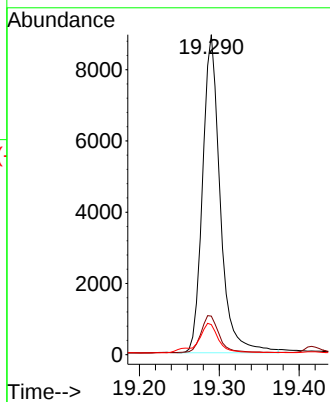
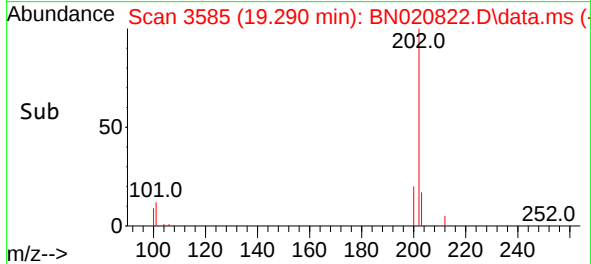


#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

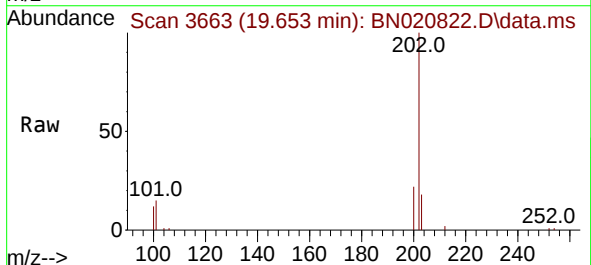
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BNA_N
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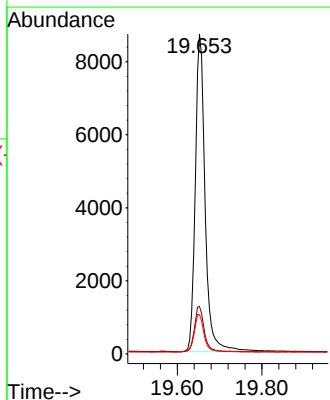
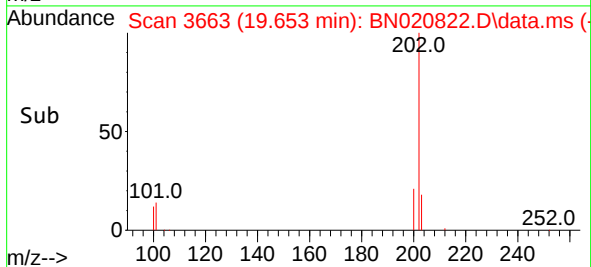
Tgt Ion:202 Resp: 13702
Ion Ratio Lower Upper
202 100
101 12.1 10.3 15.5
100 9.4 7.8 11.6

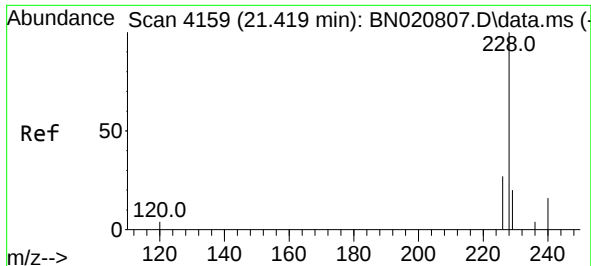


#20
Pyrene
Concen: 0.372 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11



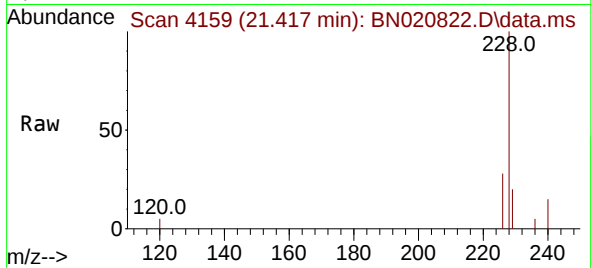
Tgt Ion:202 Resp: 14117
Ion Ratio Lower Upper
202 100
101 14.9 11.6 17.4
100 12.2 9.2 13.8



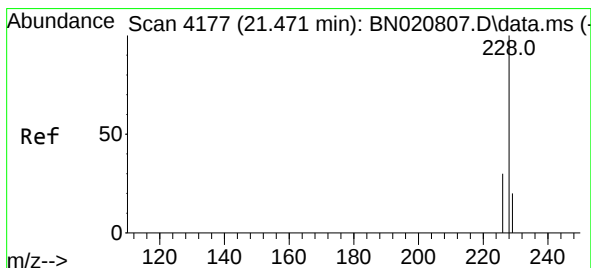
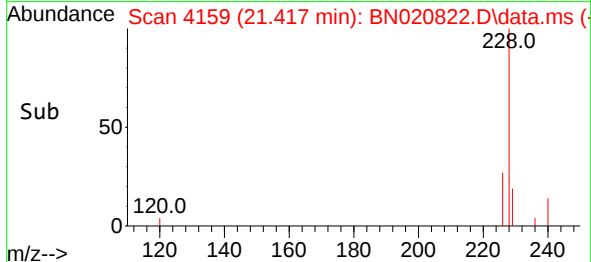
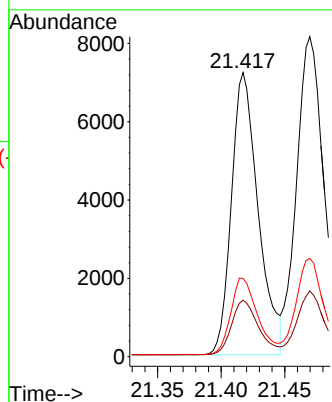


#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.417 min Scan# 4159
Delta R.T. 0.002 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

Instrument :
BNA_N
ClientSampleId :

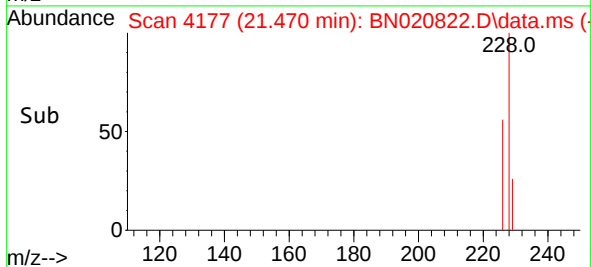
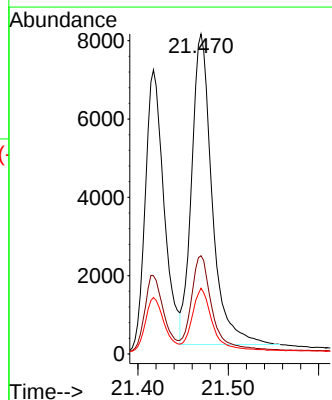
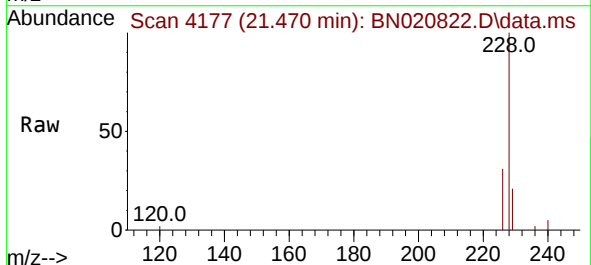


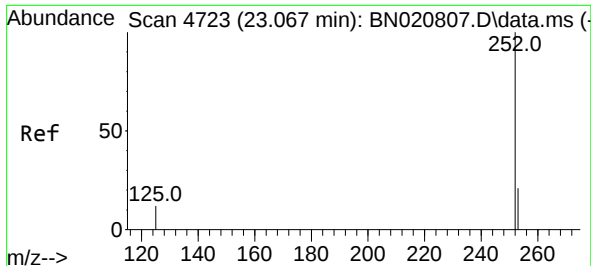
Tgt Ion:228 Resp: 10566
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

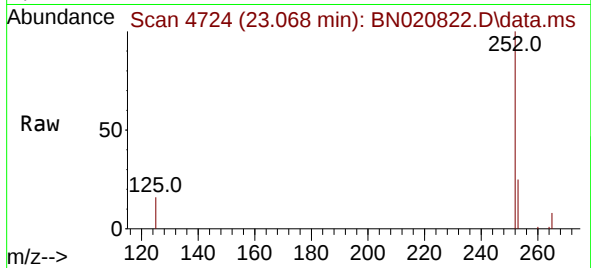
Tgt Ion:228 Resp: 12499
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.6 15.8 23.8



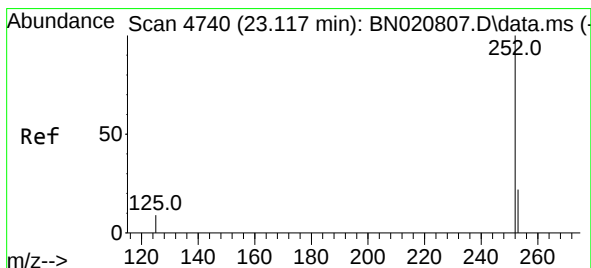
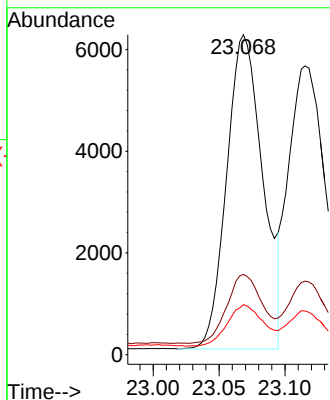


#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.068 min Scan# 4723
Delta R.T. 0.005 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

Instrument :
BNA_N
ClientSampleId :

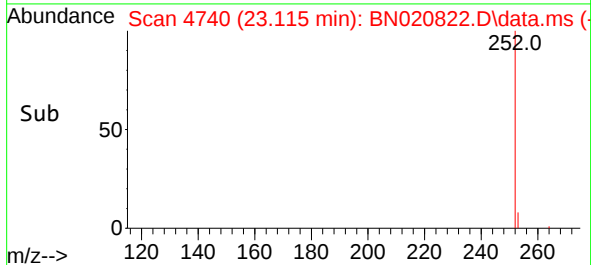
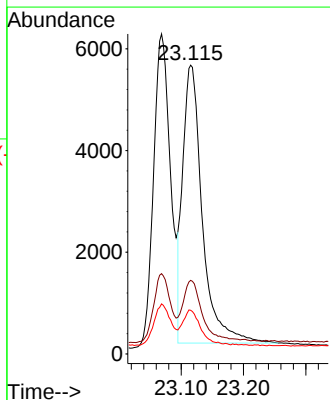
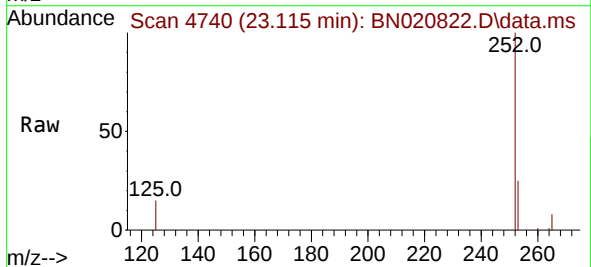


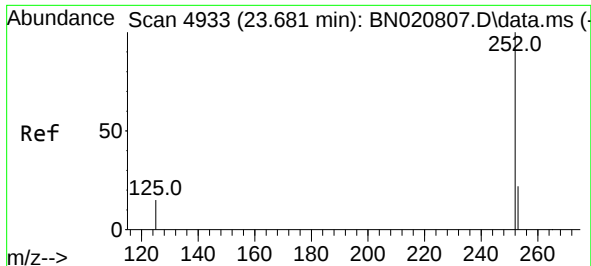
Tgt Ion:252 Resp: 11835
Ion Ratio Lower Upper
252 100
253 25.1 0.0 48.6
125 15.7 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.115 min Scan# 4740
Delta R.T. 0.002 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

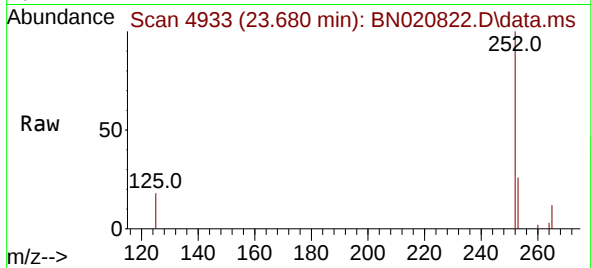
Tgt Ion:252 Resp: 11918
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 15.1 12.0 18.0



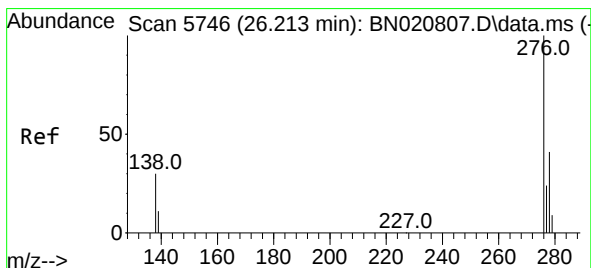
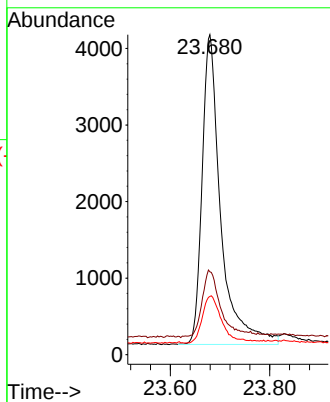
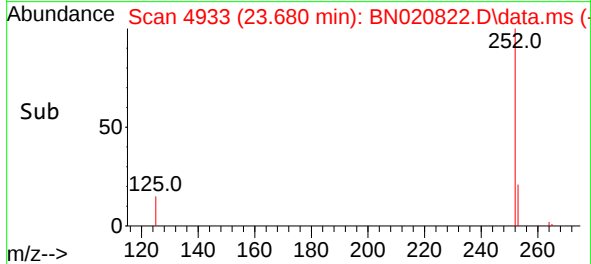


#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.680 min Scan# 4933
Delta R.T. 0.005 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

Instrument :
BNA_N
ClientSampleId :

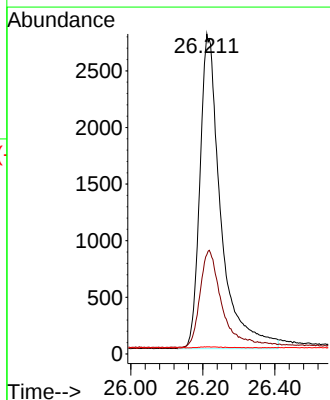
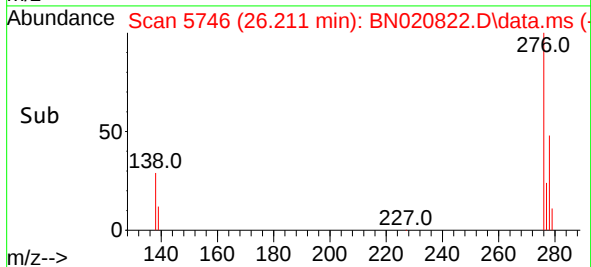
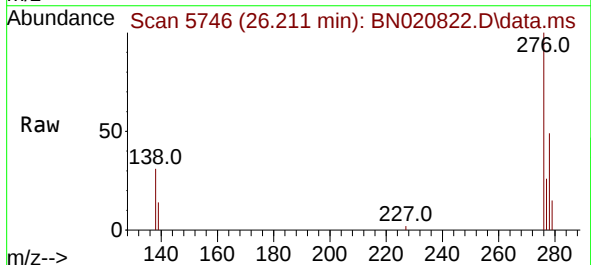


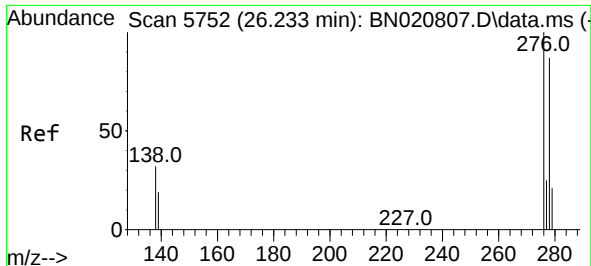
Tgt Ion:252 Resp: 10539
Ion Ratio Lower Upper
252 100
253 25.9 21.0 31.4
125 18.2 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.211 min Scan# 5746
Delta R.T. -0.004 min
Lab File: BN020822.D
Acq: 22 Jul 2022 16:11

Tgt Ion:276 Resp: 11206
Ion Ratio Lower Upper
276 100
138 33.0 27.4 41.2
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.395 ng/ul

RT: 26.231 min Scan# 5752

Delta R.T. -0.001 min

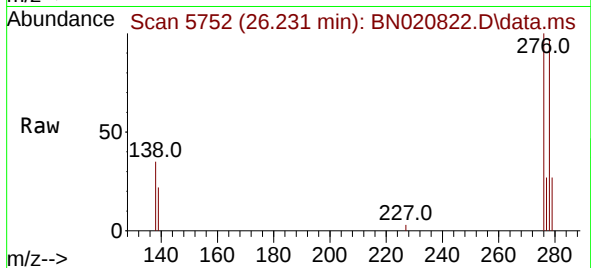
Lab File: BN020822.D

Acq: 22 Jul 2022 16:11

Instrument :

BNA_N

ClientSampleId :



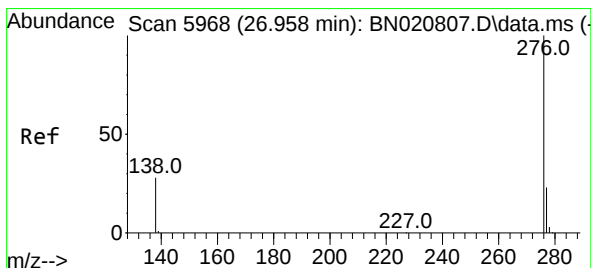
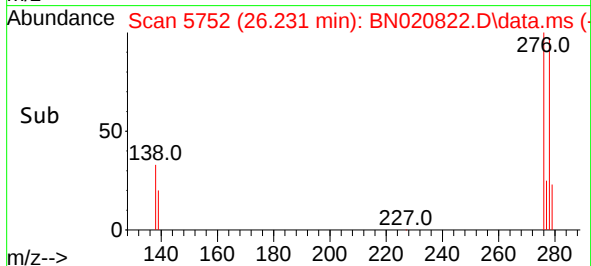
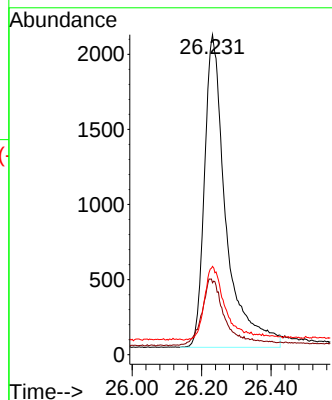
Tgt Ion:278 Resp: 8922

Ion Ratio Lower Upper

278 100

139 22.4 18.8 28.2

279 27.6 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.425 ng/ul

RT: 26.956 min Scan# 5968

Delta R.T. 0.006 min

Lab File: BN020822.D

Acq: 22 Jul 2022 16:11

Tgt Ion:276 Resp: 10217

Ion Ratio Lower Upper

276 100

138 30.4 23.5 35.3

277 25.9 20.1 30.1

