

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
 Data File : BN025784.D
 Acq On : 12 Jun 2023 16:33
 Operator : MA/JU
 Sample : 02951-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW999MSD

Quant Time: Jun 13 00:02:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

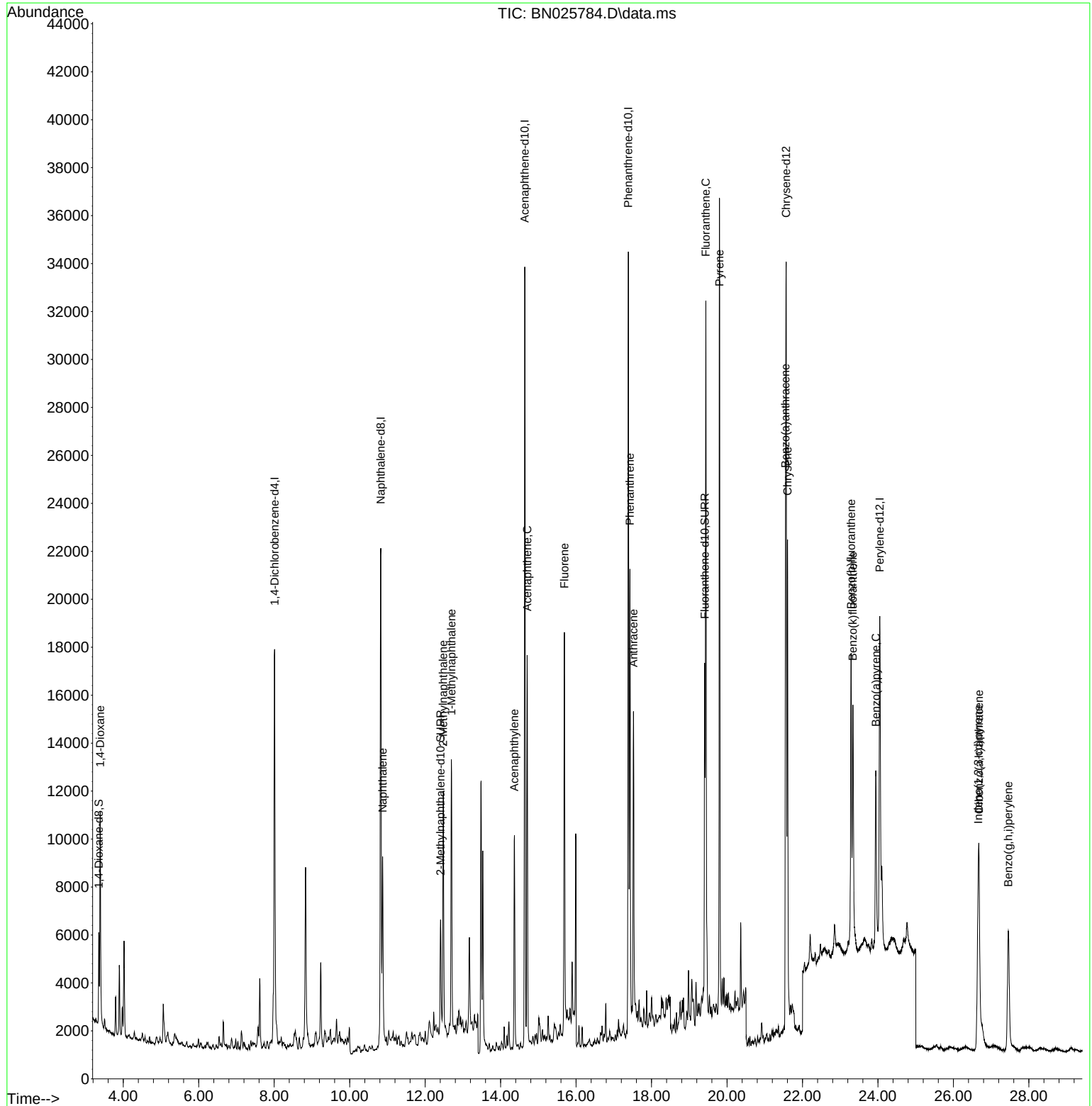
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	10282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.825	136	30896	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	18421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	38962	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	25667	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	21028	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	2559	0.253	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	6511	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	15778	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	6395	0.591	ng/ul	95
5) Naphthalene	10.875	128	11840	0.151	ng/ul	99
7) 2-Methylnaphthalene	12.480	142	7821	0.165	ng/ul	98
8) 1-Methylnaphthalene	12.695	142	8305	0.160	ng/ul	98
10) Acenaphthylene	14.367	152	11267	0.155	ng/ul	96
11) Acenaphthene	14.704	153	9784	0.161	ng/ul	99
12) Fluorene	15.690	166	11350	0.168	ng/ul	99
15) Phenanthrene	17.427	178	22238	0.196	ng/ul	97
16) Anthracene	17.520	178	15731	0.164	ng/ul	96
19) Fluoranthene	19.438	202	25903	0.221	ng/ul	97
20) Pyrene	19.800	202	27963	0.230	ng/ul	97
21) Benzo(a)anthracene	21.549	228	17120	0.209	ng/ul	94
22) Chrysene	21.605	228	20150	0.215	ng/ul	96
24) Benzo(b)fluoranthene	23.288	252	15933	0.185	ng/ul	82
25) Benzo(k)fluoranthene	23.335	252	14999	0.174	ng/ul#	80
26) Benzo(a)pyrene	23.943	252	12053	0.165	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.658	276	14704	0.177	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.678	278	10653	0.169	ng/ul	91
29) Benzo(g,h,i)perylene	27.456	276	11522	0.155	ng/ul	95

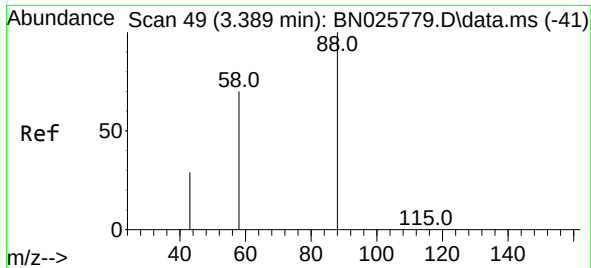
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025784.D
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Instrument :
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Quant Time: Jun 13 00:02:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

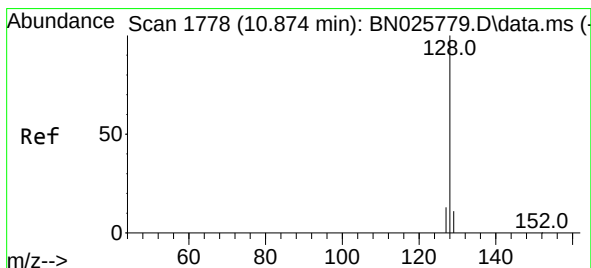
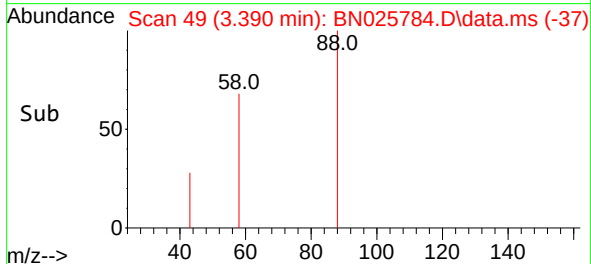
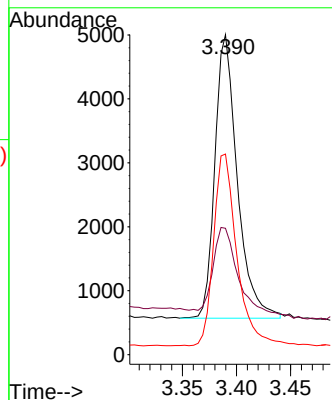
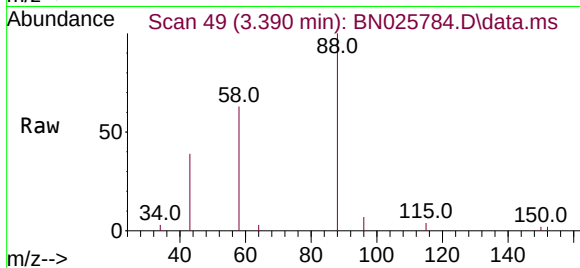




#2
1,4-Dioxane
Concen: 0.591 ng/ul
RT: 3.390 min Scan# 49
Delta R.T. -0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

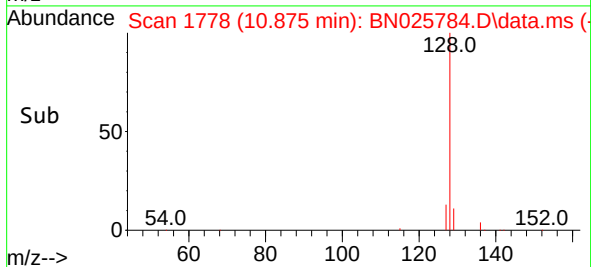
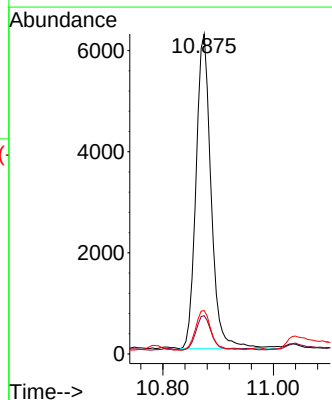
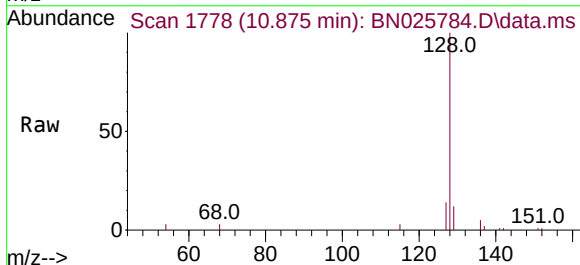
Instrument :
BNA_N
ClientSampleId :
EW999MSD

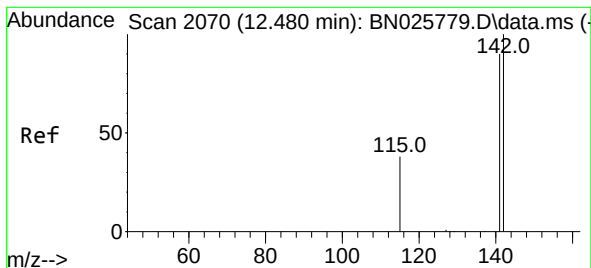
Tgt Ion: 88 Resp: 6395
Ion Ratio Lower Upper
88 100
43 39.5 26.5 39.7
58 62.7 49.0 73.6



#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.875 min Scan# 1778
Delta R.T. -0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:128 Resp: 11840
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.5 10.5 15.7

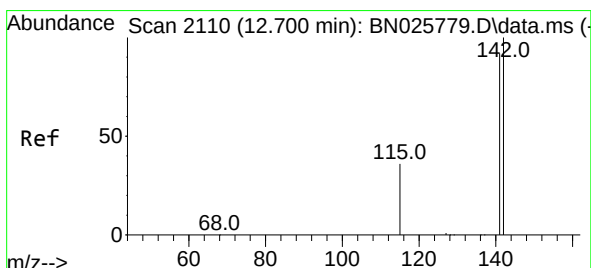
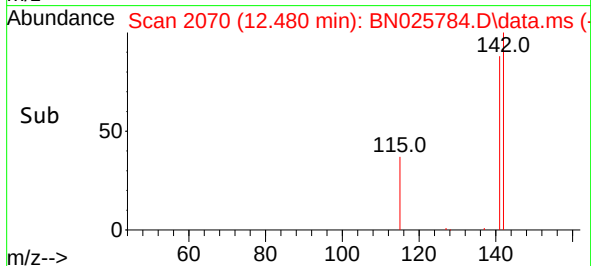
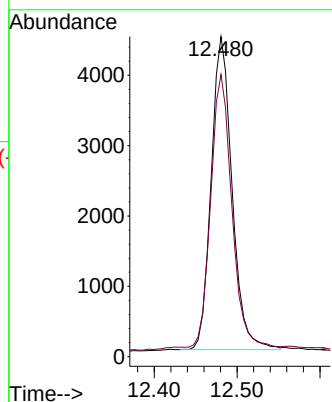
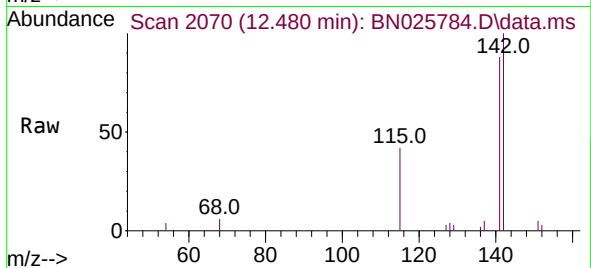




#7
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 12.480 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

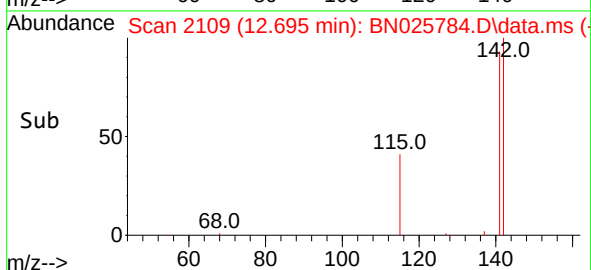
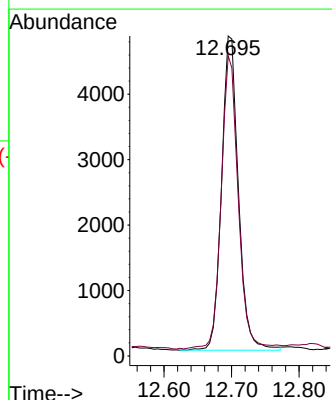
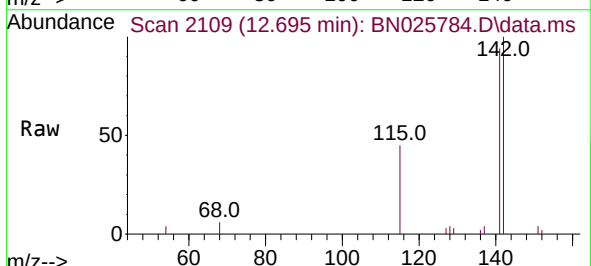
Instrument :
BNA_N
ClientSampleId :
EW999MSD

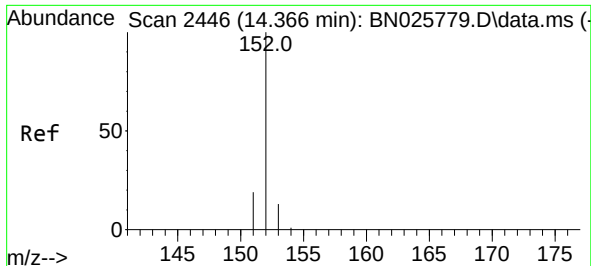
Tgt Ion:142 Resp: 7821
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.160 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:142 Resp: 8305
Ion Ratio Lower Upper
142 100
141 94.7 74.0 111.0

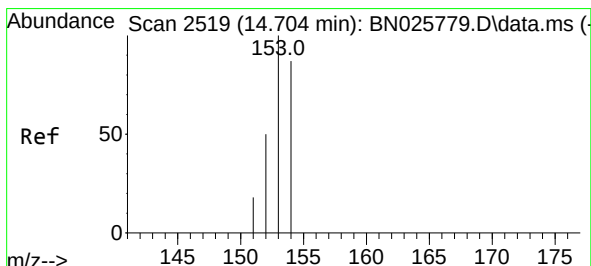
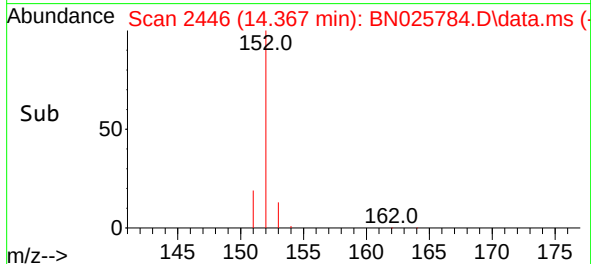
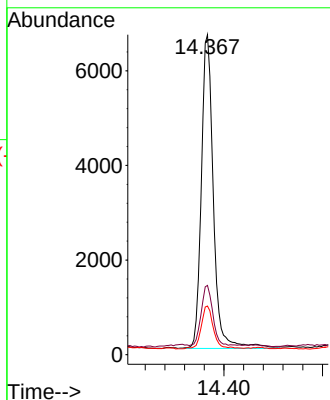
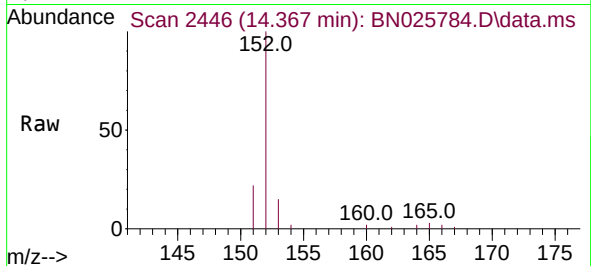




#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 14.367 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

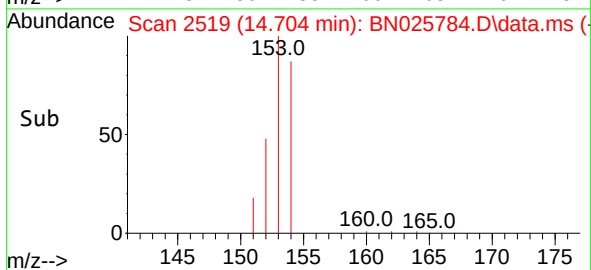
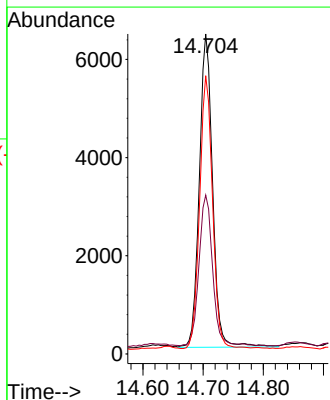
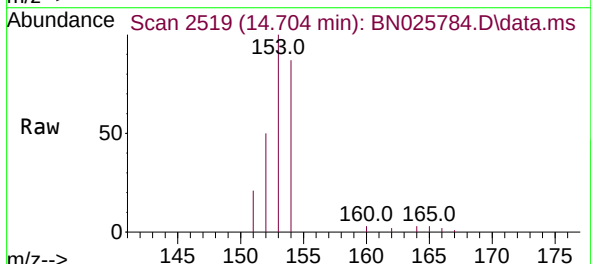
Instrument :
BNA_N
ClientSampleId :
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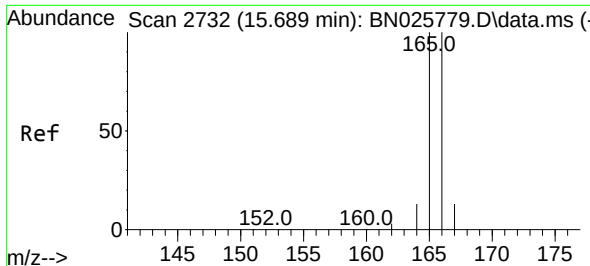
Tgt Ion:152 Resp: 11267
Ion Ratio Lower Upper
152 100
151 21.7 16.0 24.0
153 15.2 10.7 16.1



#11
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.704 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:153 Resp: 9784
Ion Ratio Lower Upper
153 100
152 49.7 39.5 59.3
154 86.9 68.8 103.2

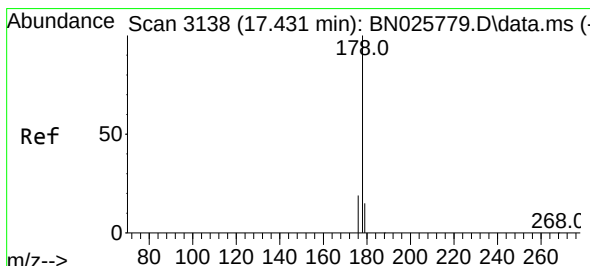
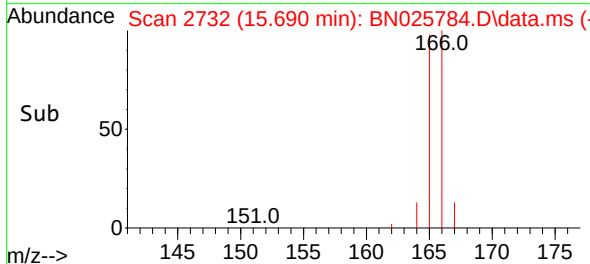
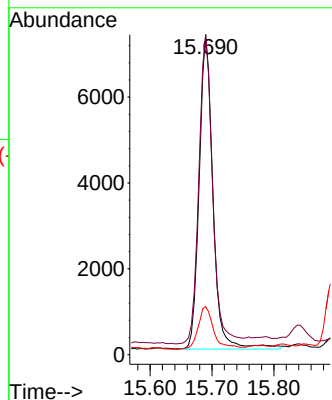
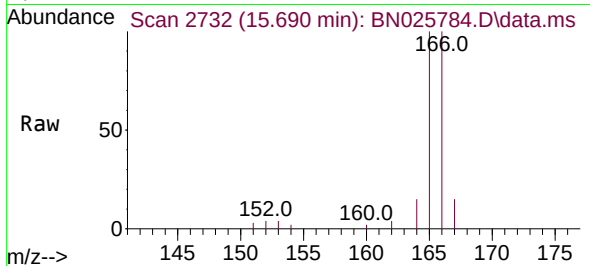




#12
Fluorene
Concen: 0.168 ng/ul
RT: 15.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

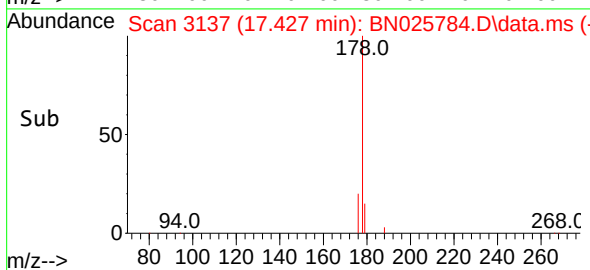
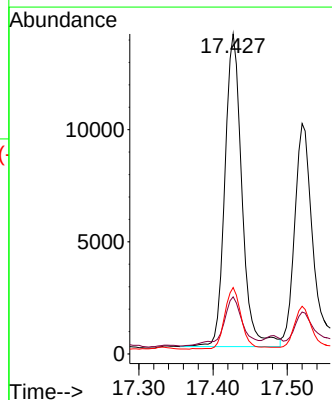
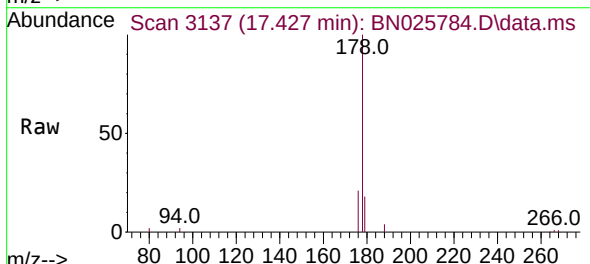
Instrument :
BNA_N
ClientSampleId :
EW999MSD

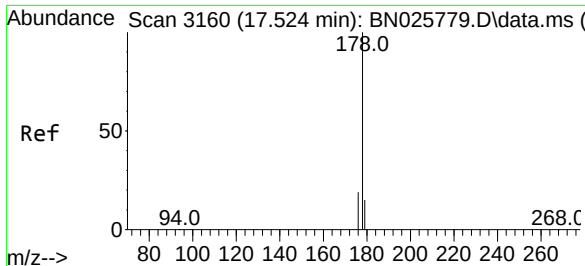
Tgt Ion:166 Resp: 11350
Ion Ratio Lower Upper
166 100
165 100.0 79.2 118.8
167 15.1 11.0 16.6



#15
Phenanthrene
Concen: 0.196 ng/ul
RT: 17.427 min Scan# 3137
Delta R.T. -0.004 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:178 Resp: 22238
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 20.7 15.8 23.8

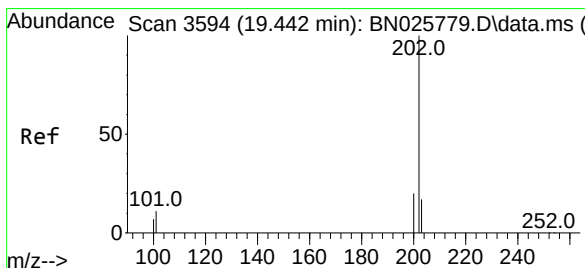
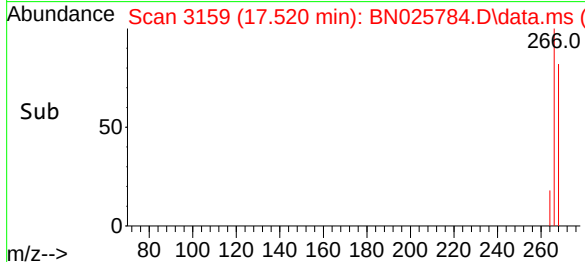
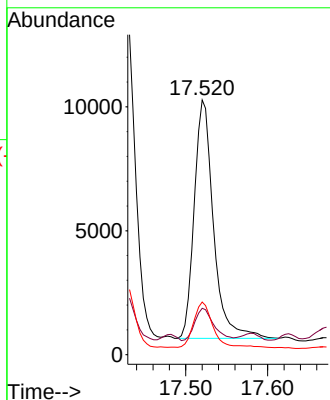
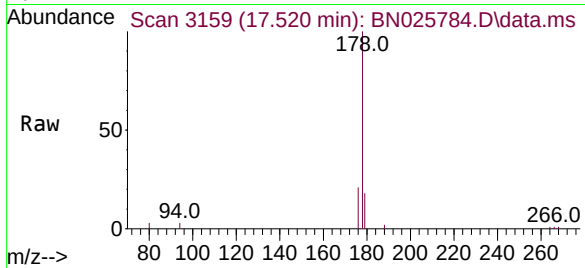




#16
 Anthracene
 Concen: 0.164 ng/ul
 RT: 17.520 min Scan# 3160
 Delta R.T. -0.004 min
 Lab File: BN025784.D
 Acq: 12 Jun 2023 16:33

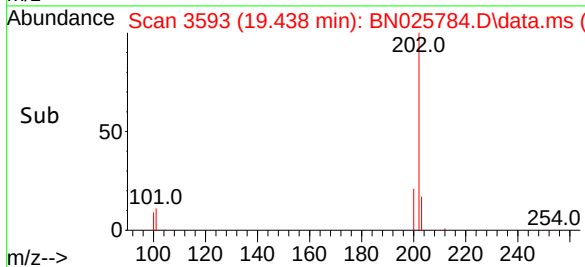
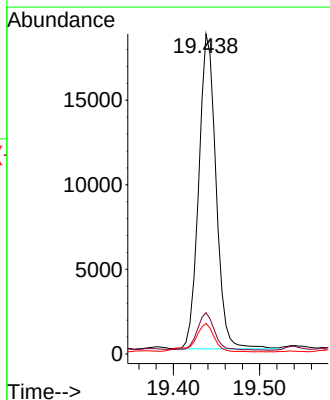
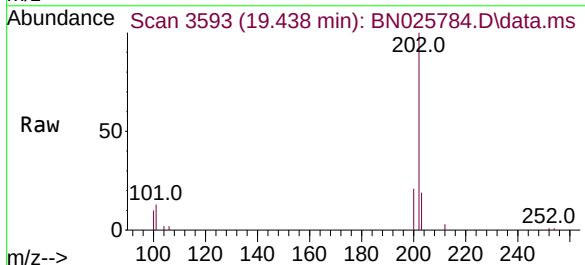
Instrument :
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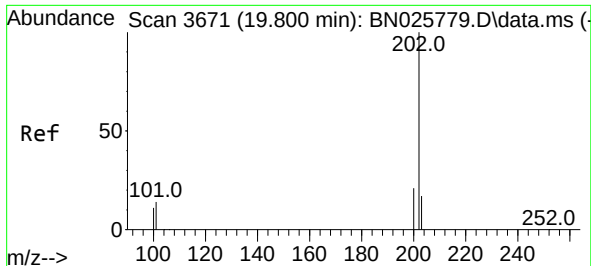
Tgt Ion:	178	Resp:	15731
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.6	19.0
176	20.7	15.4	23.2



#19
 Fluoranthene
 Concen: 0.221 ng/ul
 RT: 19.438 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BN025784.D
 Acq: 12 Jun 2023 16:33

Tgt Ion:	202	Resp:	25903
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.1	13.7
100	9.6	7.0	10.6

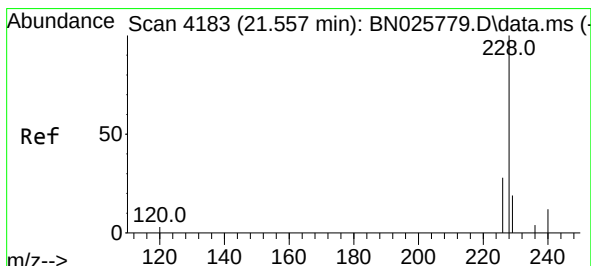
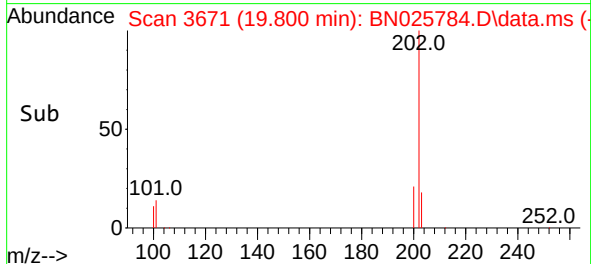
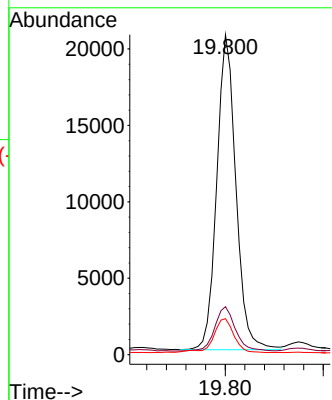
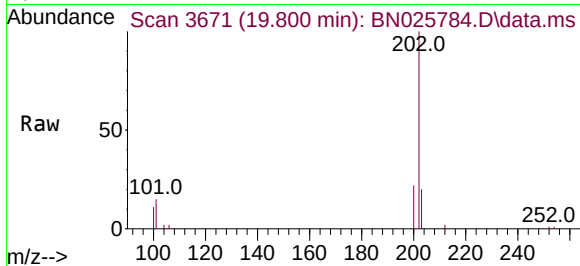




#20
Pyrene
Concen: 0.230 ng/ul
RT: 19.800 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

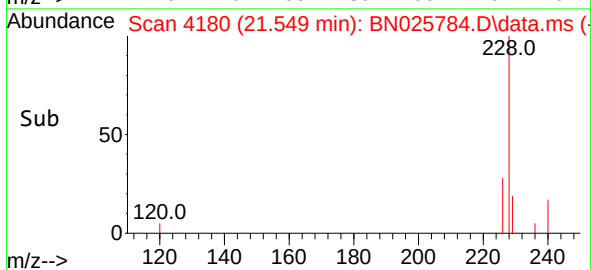
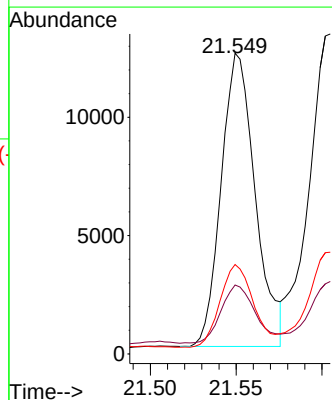
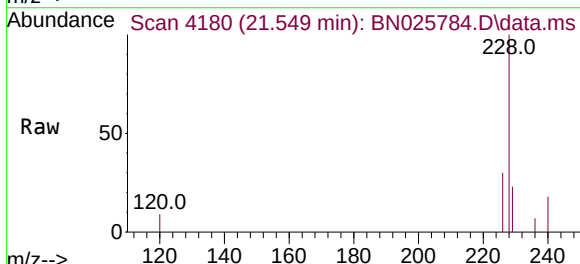
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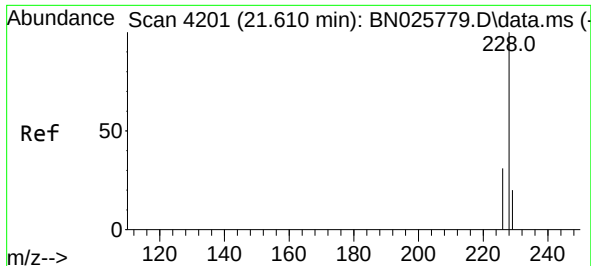
Tgt Ion:202 Resp: 27963
Ion Ratio Lower Upper
202 100
101 15.0 10.4 15.6
100 11.3 8.8 13.2



#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:228 Resp: 17120
Ion Ratio Lower Upper
228 100
229 22.9 15.5 23.3
226 29.7 22.0 33.0





#22

Chrysene

Concen: 0.215 ng/ul

RT: 21.605 min Scan# 4199

Delta R.T. -0.003 min

Lab File: BN025784.D

Acq: 12 Jun 2023 16:33

Instrument :

BNA_N

ClientSampleId :

EW999MSD

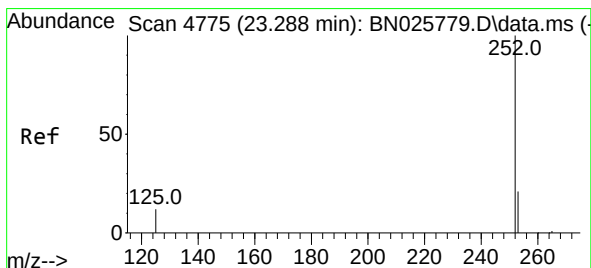
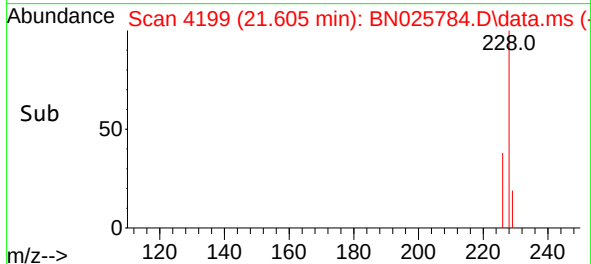
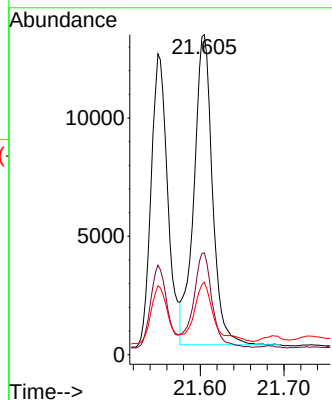
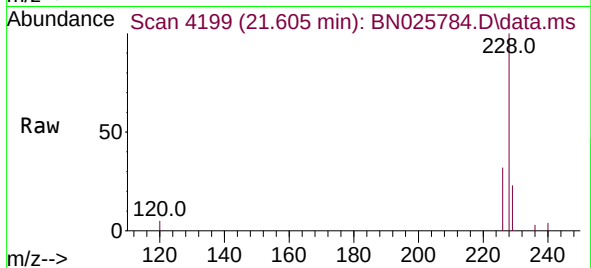
Tgt Ion:228 Resp: 20150

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

229 22.7 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.185 ng/ul

RT: 23.288 min Scan# 4775

Delta R.T. -0.003 min

Lab File: BN025784.D

Acq: 12 Jun 2023 16:33

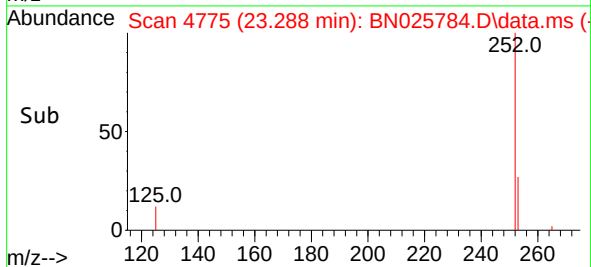
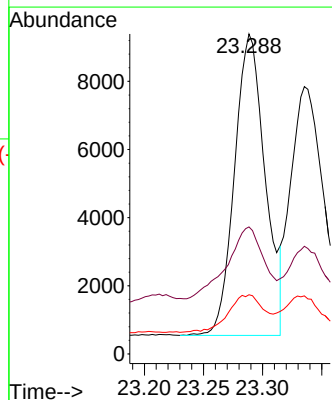
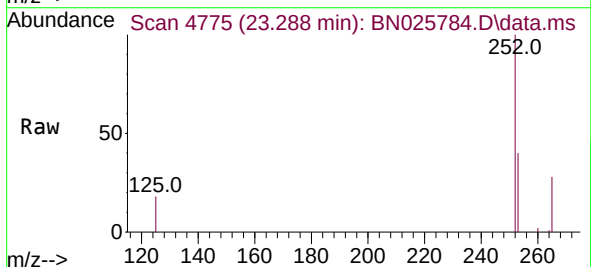
Tgt Ion:252 Resp: 15933

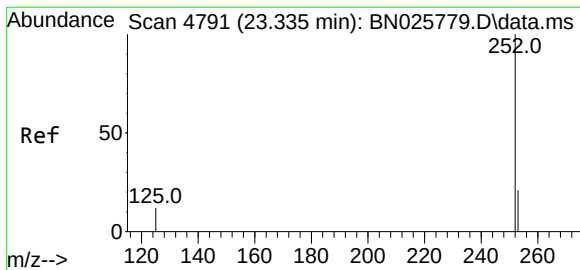
Ion Ratio Lower Upper

252 100

253 39.7 0.0 56.0

125 18.5 0.0 28.0

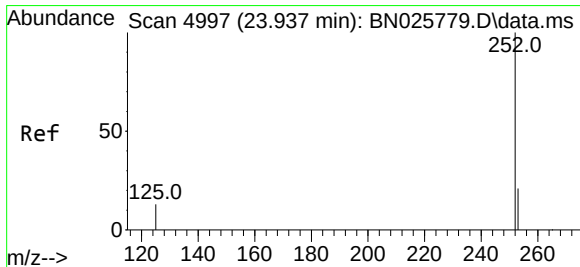
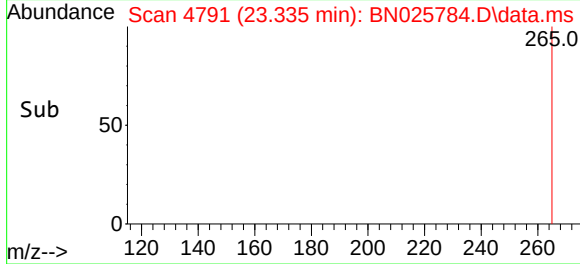
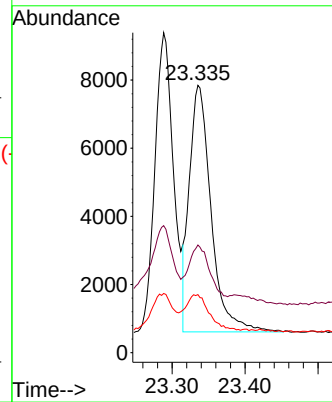
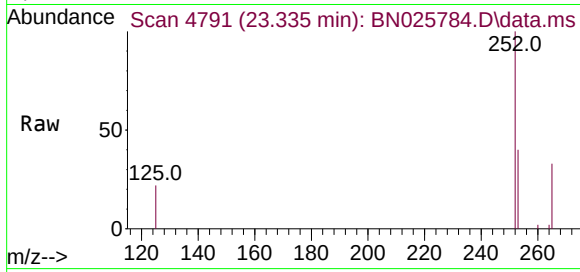




#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul
RT: 23.335 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

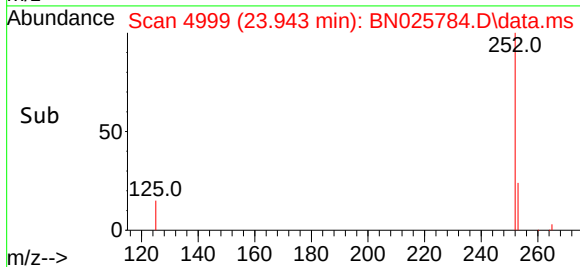
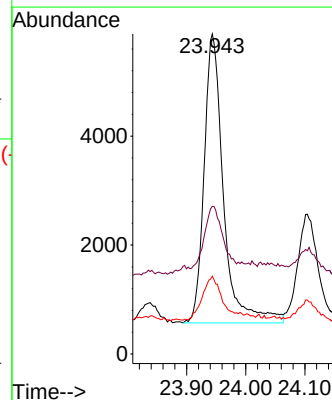
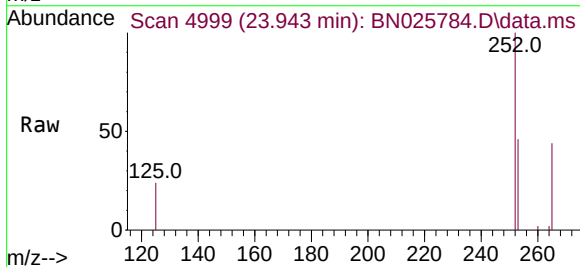
Instrument :
BNA_N
ClientSampleId :
EW999MSD

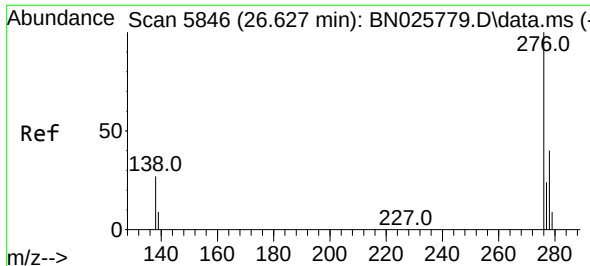
Tgt Ion:252 Resp: 14999
Ion Ratio Lower Upper
252 100
253 40.3 23.3 34.9#
125 21.7 11.6 17.4#



#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.943 min Scan# 4999
Delta R.T. 0.000 min
Lab File: BN025784.D
Acq: 12 Jun 2023 16:33

Tgt Ion:252 Resp: 12053
Ion Ratio Lower Upper
252 100
253 46.2 25.8 38.8#
125 24.3 13.5 20.3#

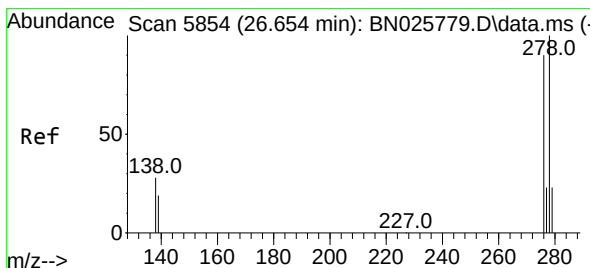
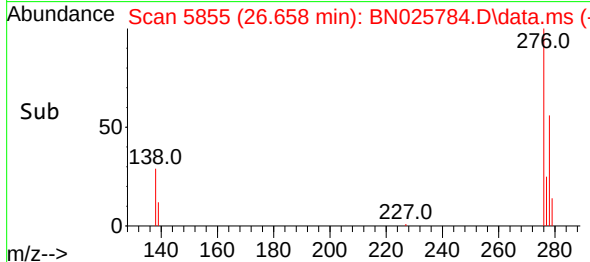
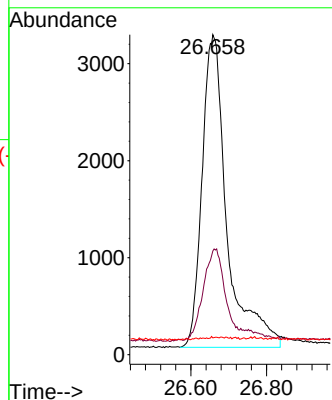
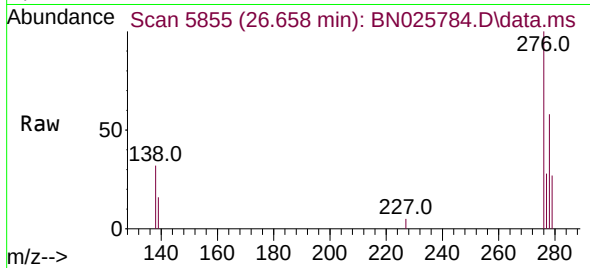




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.177 ng/ul
 RT: 26.658 min Scan# 5855
 Delta R.T. 0.000 min
 Lab File: BN025784.D
 Acq: 12 Jun 2023 16:33

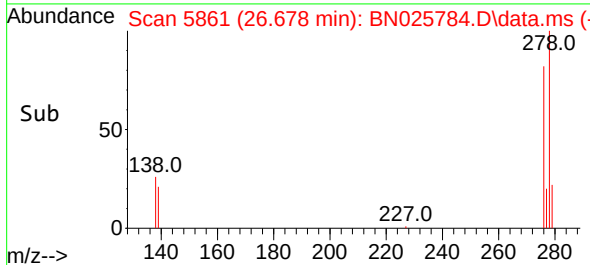
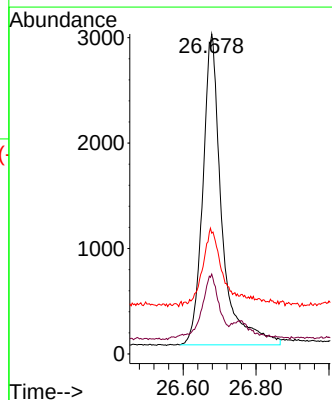
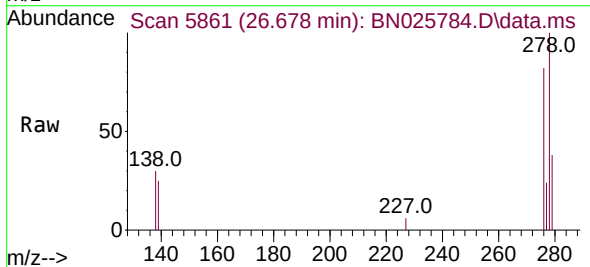
Instrument :
 BNA_N
 ClientSampleId :
 EW999MSD

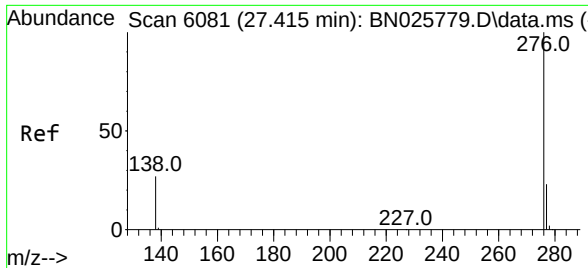
Tgt Ion:276 Resp: 14704
 Ion Ratio Lower Upper
 276 100
 138 28.7 24.6 36.8
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.169 ng/ul
 RT: 26.678 min Scan# 5861
 Delta R.T. -0.007 min
 Lab File: BN025784.D
 Acq: 12 Jun 2023 16:33

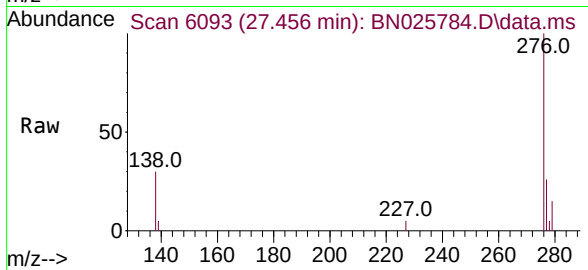
Tgt Ion:278 Resp: 10653
 Ion Ratio Lower Upper
 278 100
 139 25.0 17.9 26.9
 279 37.8 25.3 37.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.155 ng/ul
 RT: 27.456 min Scan# 6093
 Delta R.T. 0.007 min
 Lab File: BN025784.D
 Acq: 12 Jun 2023 16:33

Instrument :
 BNA_N
 ClientSampleId :
 EW999MSD



Tgt Ion:	276	Resp:	11522
Ion	Ratio	Lower	Upper
276	100		
138	30.1	21.8	32.8
277	26.4	19.4	29.2

