

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026476.D
 Acq On : 12 Jul 2023 16:06
 Operator : MA/JU
 Sample : SST0.214
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2231

Quant Time: Jul 13 04:17:00 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 04:15:36 2023
 Response via : Initial Calibration

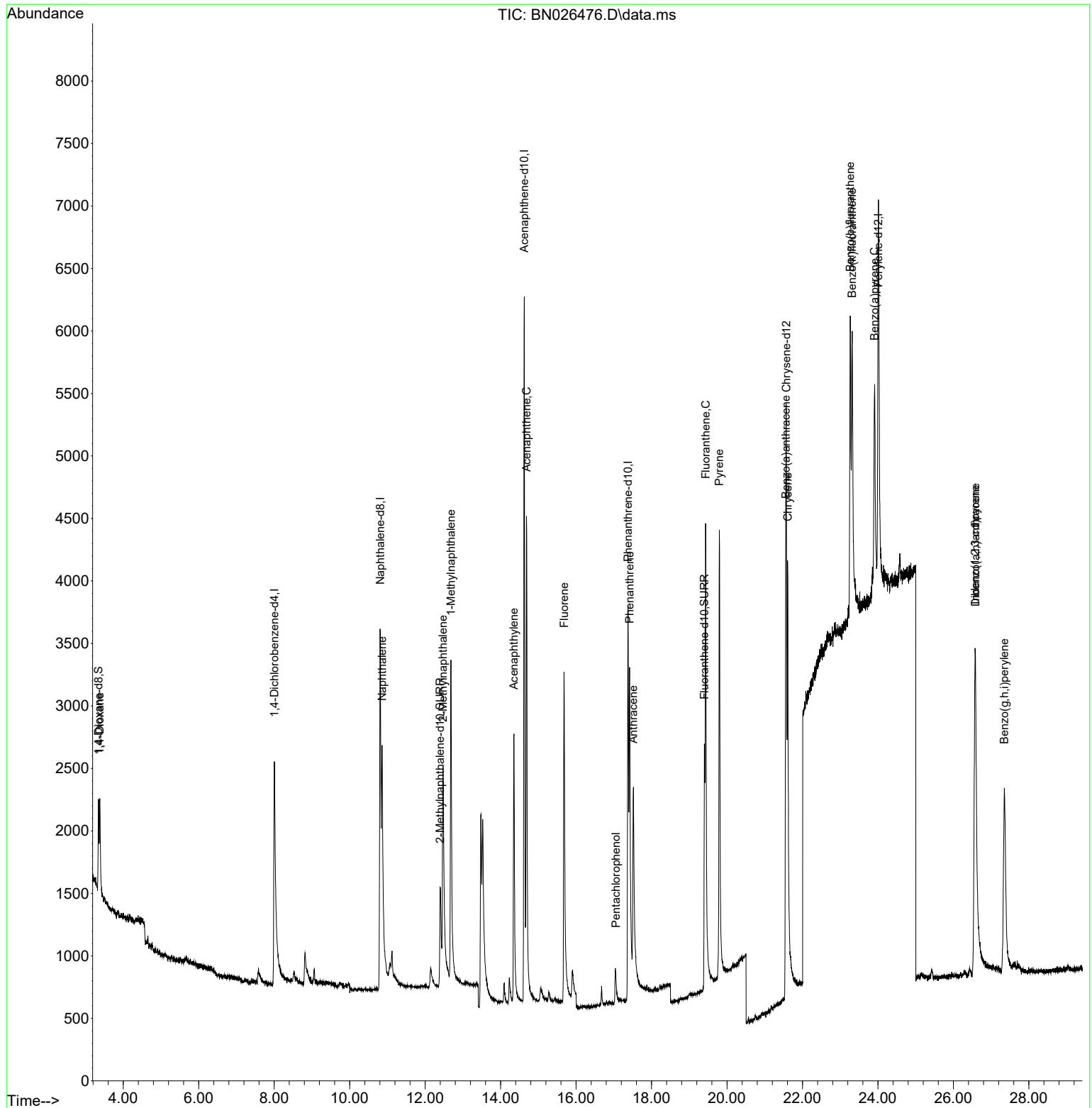
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	2120	0.400	ng/ul	0.00
4) Naphthalene-d8	10.809	136	6850	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.627	164	3773	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.377	188	5650	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	4588	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	5369	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	698	0.084	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	1860	0.201	ng/ul	0.00
18) Fluoranthene-d10	19.401	212	3252	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.377	88	574	0.107	ng/ul#	85
5) Naphthalene	10.858	128	3720	0.199	ng/ul#	92
7) 2-Methylnaphthalene	12.475	142	2068	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.684	142	2375	0.202	ng/ul	100
10) Acenaphthylene	14.354	152	3579	0.199	ng/ul	94
11) Acenaphthene	14.687	153	2827	0.209	ng/ul	99
12) Fluorene	15.681	166	2749	0.196	ng/ul#	96
14) Pentachlorophenol	17.052	266	323	0.234	ng/ul	97
15) Phenanthrene	17.419	178	3615	0.204	ng/ul	93
16) Anthracene	17.517	178	3125	0.193	ng/ul	93
19) Fluoranthene	19.434	202	4272	0.211	ng/ul	98
20) Pyrene	19.796	202	4553	0.207	ng/ul	95
21) Benzo(a)anthracene	21.556	228	3294	0.201	ng/ul	96
22) Chrysene	21.609	228	3765	0.206	ng/ul	99
24) Benzo(b)fluoranthene	23.266	252	4008	0.196	ng/ul	82
25) Benzo(k)fluoranthene	23.316	252	4280	0.203	ng/ul#	79
26) Benzo(a)pyrene	23.912	252	3619	0.201	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.575	276	5116	0.225	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.582	278	3978	0.225	ng/ul#	81
29) Benzo(g,h,i)perylene	27.350	276	4547	0.223	ng/ul	95

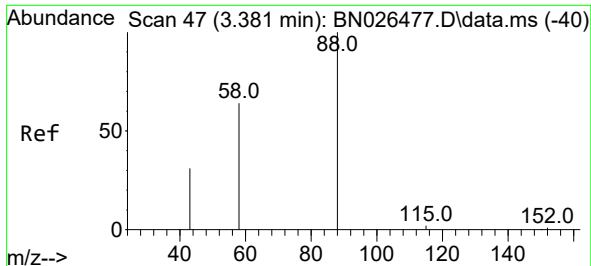
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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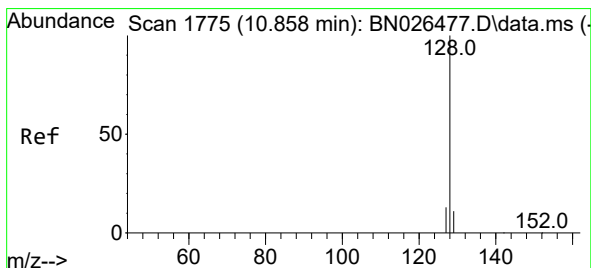
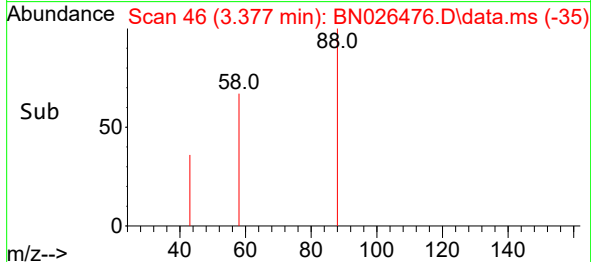
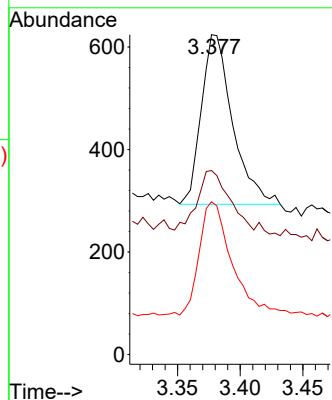
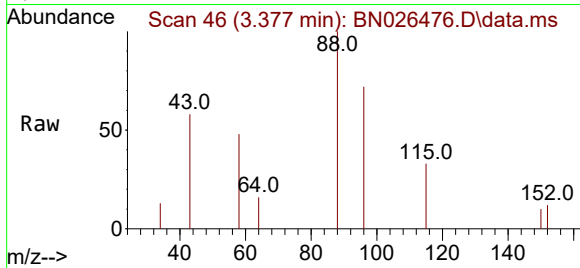




#2
 1,4-Dioxane
 Concen: 0.107 ng/ul
 RT: 3.377 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN026476.D
 Acq: 12 Jul 2023 16:06

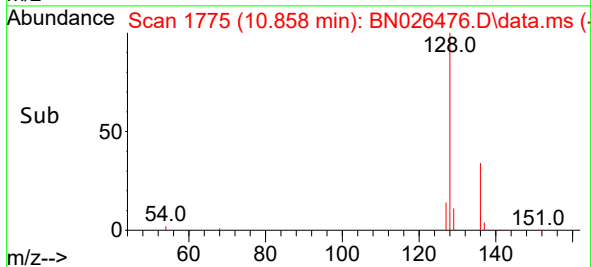
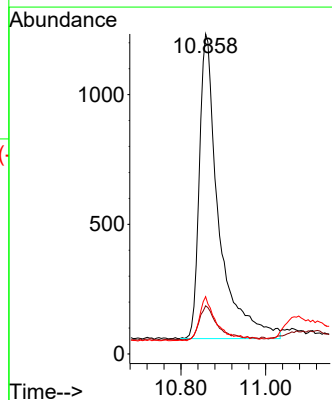
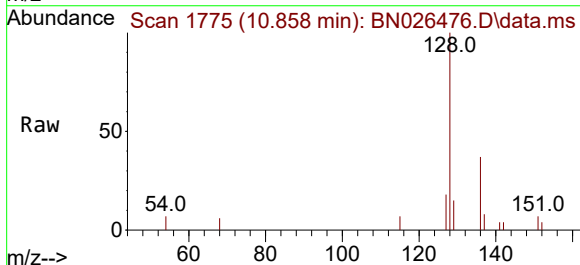
Instrument :
 BNA_N
 ClientSampleId :
 SST00.2231

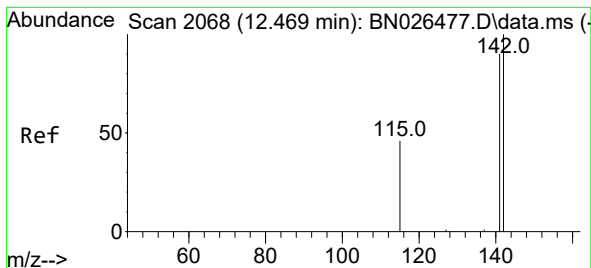
Tgt Ion: 88 Resp: 574
 Ion Ratio Lower Upper
 88 100
 43 57.5 33.0 49.6#
 58 47.8 41.7 62.5



#5
 Naphthalene
 Concen: 0.199 ng/ul
 RT: 10.858 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: BN026476.D
 Acq: 12 Jul 2023 16:06

Tgt Ion: 128 Resp: 3720
 Ion Ratio Lower Upper
 128 100
 129 15.1 10.2 15.2
 127 17.9 11.4 17.0#

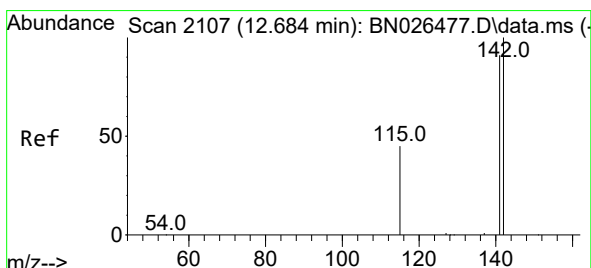
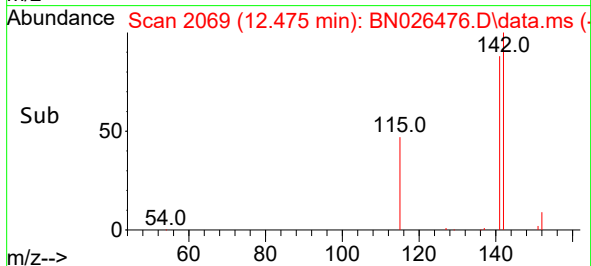
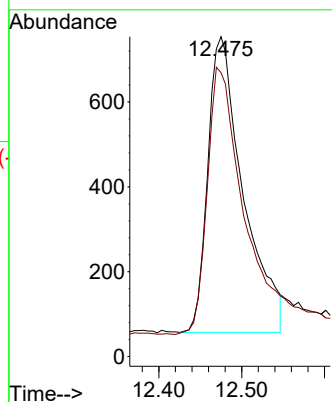
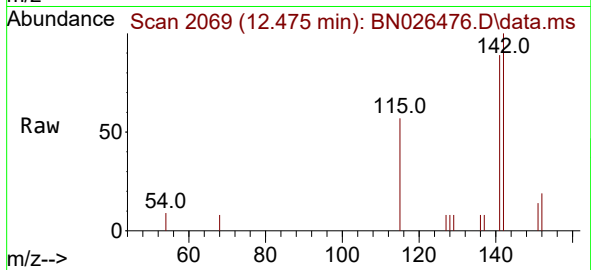




#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.475 min Scan# 2068
Delta R.T. 0.005 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

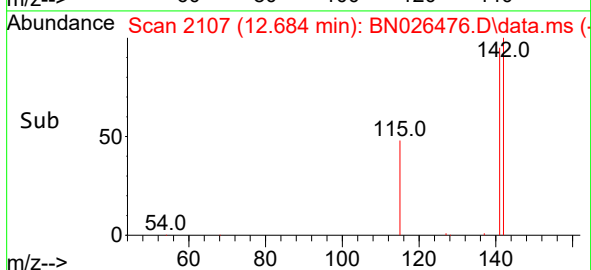
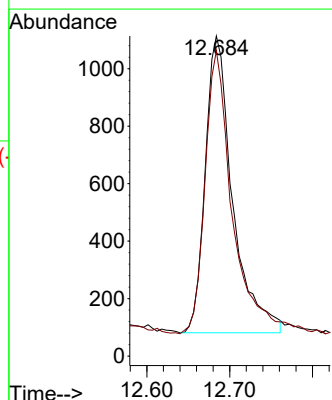
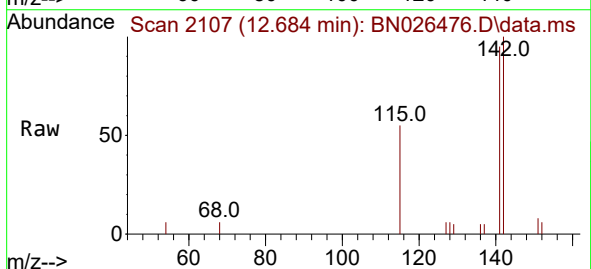
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

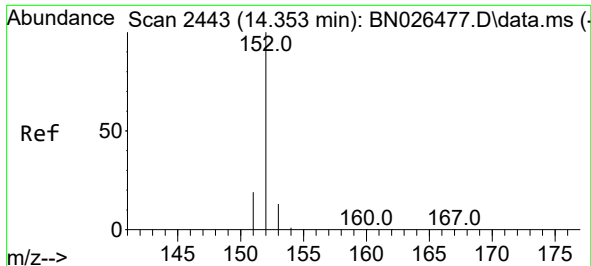
Tgt Ion:142 Resp: 2068
Ion Ratio Lower Upper
142 100
141 91.9 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.202 ng/ul
RT: 12.684 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:142 Resp: 2375
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7

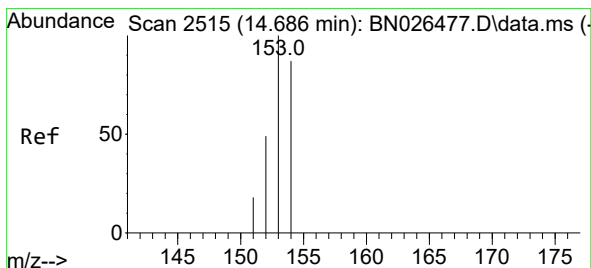
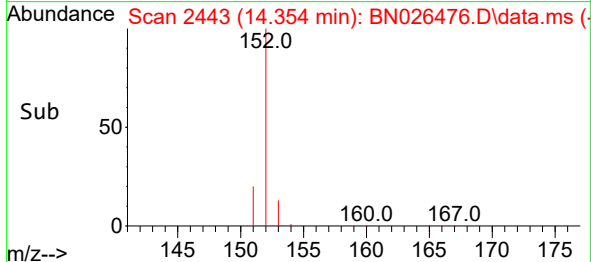
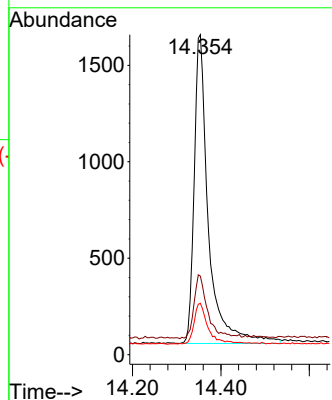
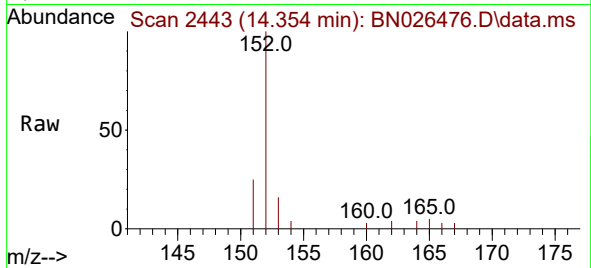




#10
Acenaphthylene
Concen: 0.199 ng/ul
RT: 14.354 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

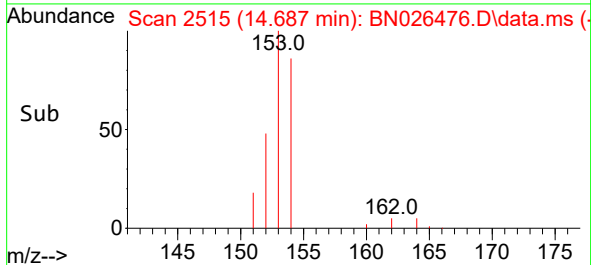
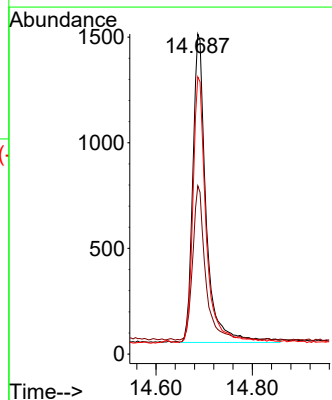
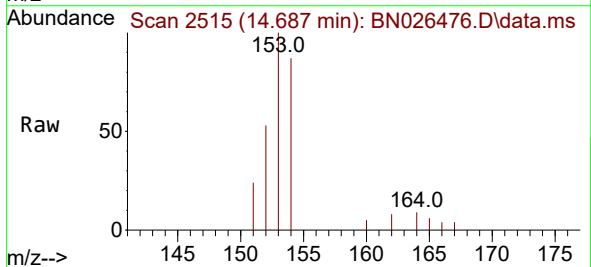
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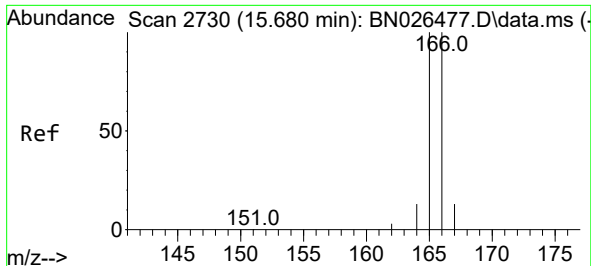
Tgt Ion:152 Resp: 3579
Ion Ratio Lower Upper
152 100
151 24.5 17.0 25.6
153 16.0 11.4 17.2



#11
Acenaphthene
Concen: 0.209 ng/ul
RT: 14.687 min Scan# 2515
Delta R.T. 0.001 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:153 Resp: 2827
Ion Ratio Lower Upper
153 100
152 52.5 40.2 60.4
154 86.6 69.3 103.9

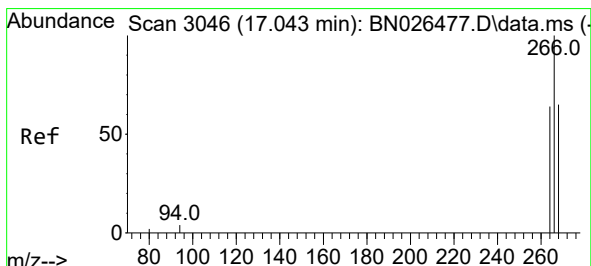
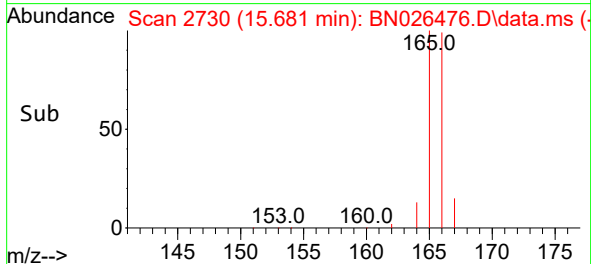
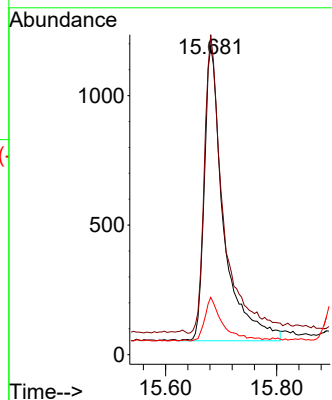
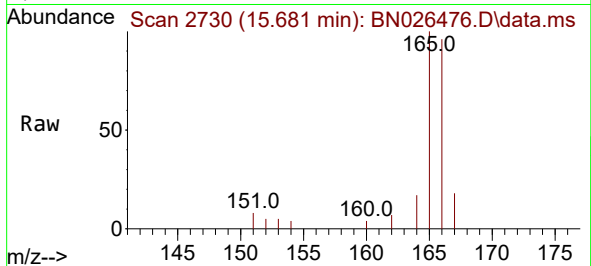




#12
Fluorene
Concen: 0.196 ng/ul
RT: 15.681 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

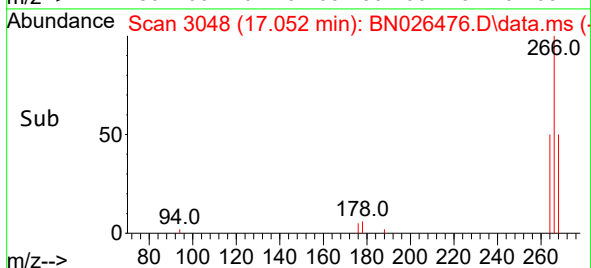
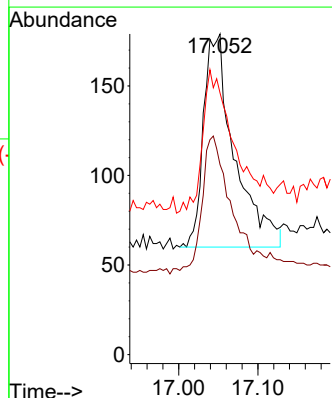
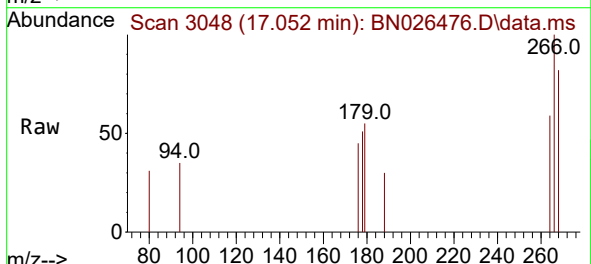
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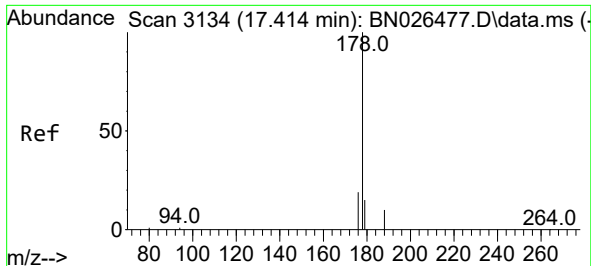
Tgt Ion:166 Resp: 2749
Ion Ratio Lower Upper
166 100
165 103.7 80.6 120.8
167 18.6 12.0 18.0#



#14
Pentachlorophenol
Concen: 0.234 ng/ul
RT: 17.052 min Scan# 3048
Delta R.T. 0.009 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:266 Resp: 323
Ion Ratio Lower Upper
266 100
264 67.2 52.0 78.0
268 69.0 53.0 79.6

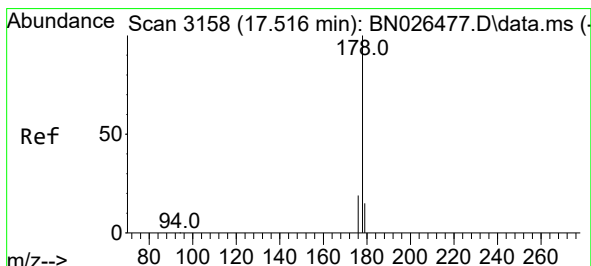
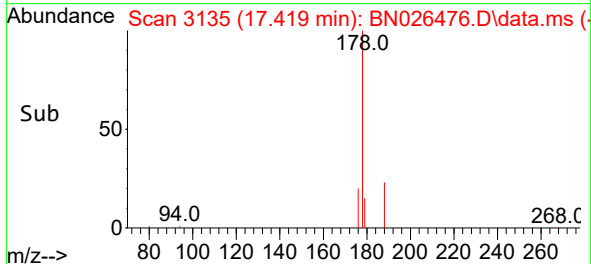
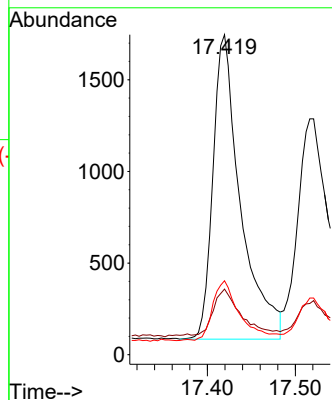
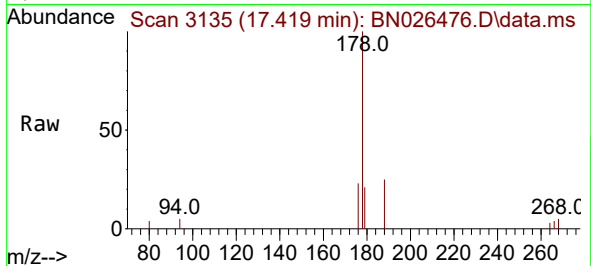




#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 17.419 min Scan# 3134
Delta R.T. 0.005 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

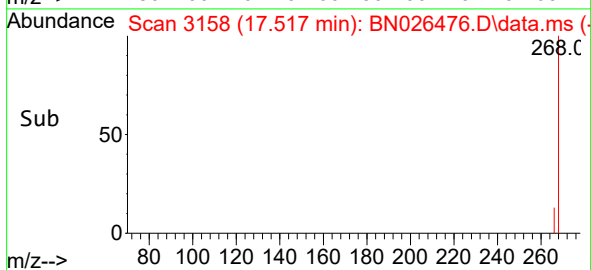
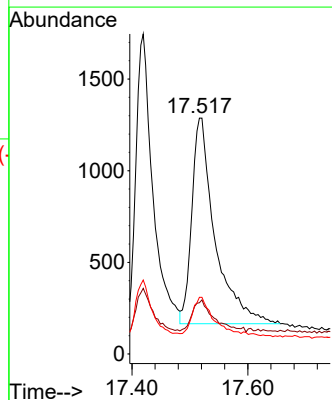
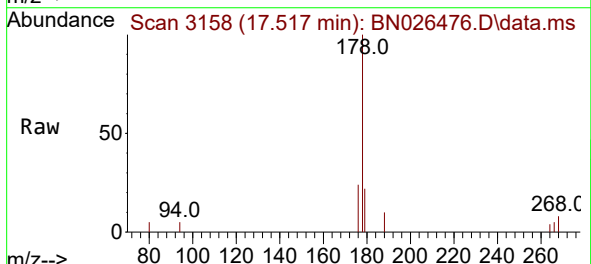
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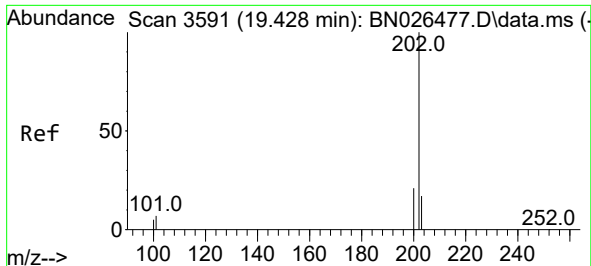
Tgt Ion:178 Resp: 3615
Ion Ratio Lower Upper
178 100
179 20.5 13.7 20.5
176 23.1 16.5 24.7



#16
Anthracene
Concen: 0.193 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. 0.001 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:178 Resp: 3125
Ion Ratio Lower Upper
178 100
179 21.8 14.8 22.2
176 24.0 16.6 25.0

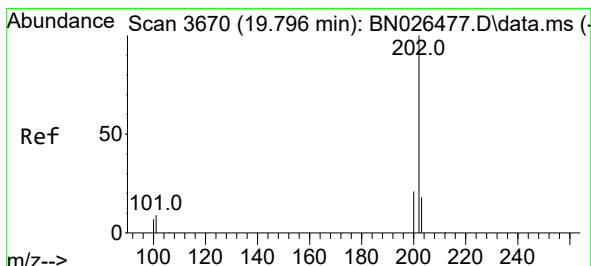
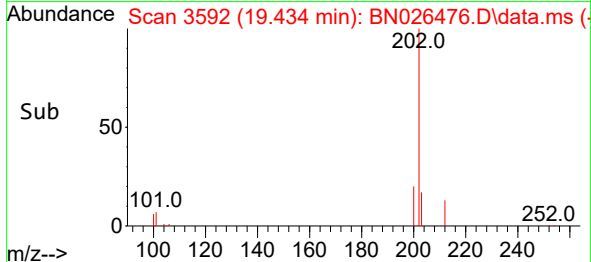
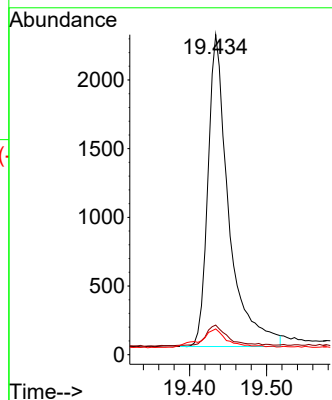
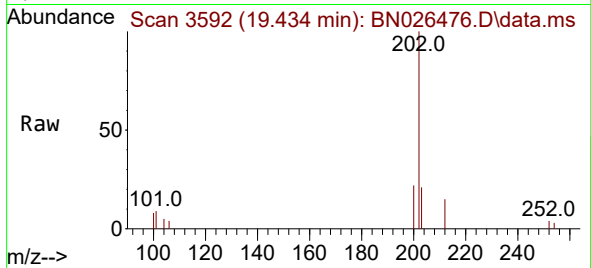




#19
Fluoranthene
Concen: 0.211 ng/ul
RT: 19.434 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

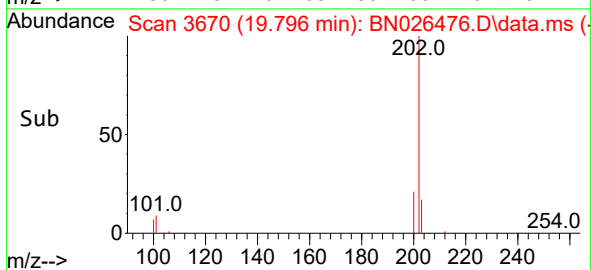
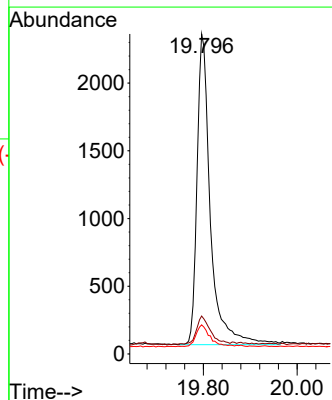
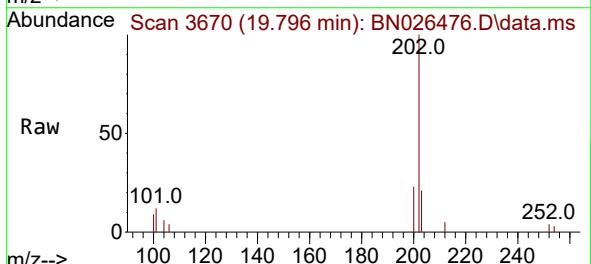
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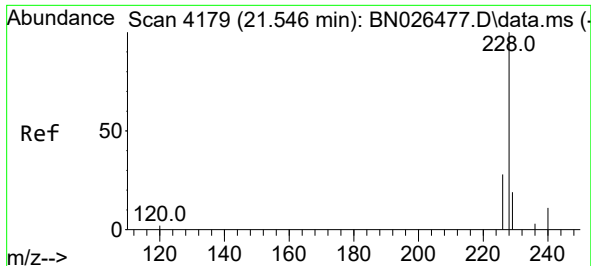
Tgt Ion:202 Resp: 4272
Ion Ratio Lower Upper
202 100
101 9.3 7.0 10.4
100 8.1 6.0 9.0



#20
Pyrene
Concen: 0.207 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. 0.001 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:202 Resp: 4553
Ion Ratio Lower Upper
202 100
101 11.8 8.0 12.0
100 9.1 6.2 9.2

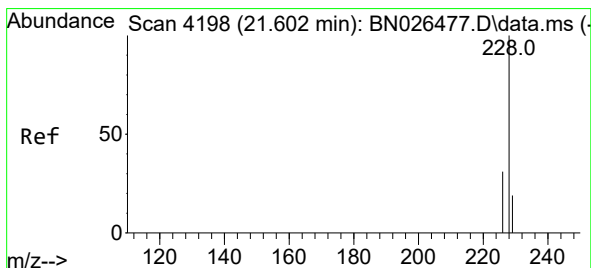
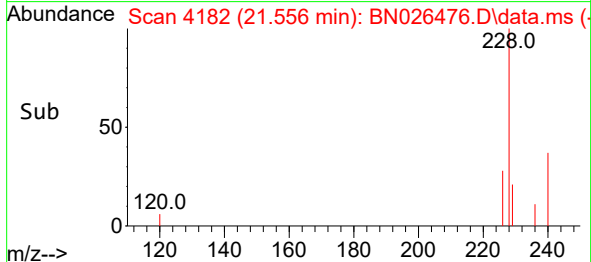
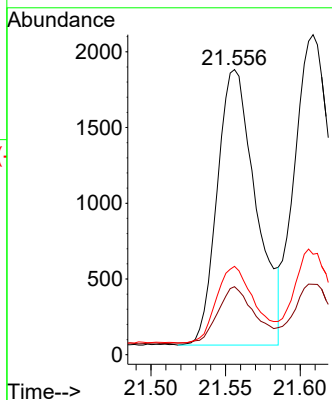
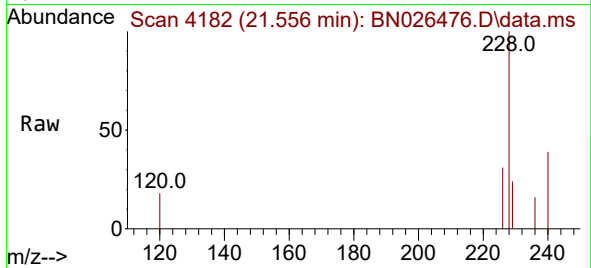




#21
Benzo(a)anthracene
Concen: 0.201 ng/ul
RT: 21.556 min Scan# 4179
Delta R.T. 0.010 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

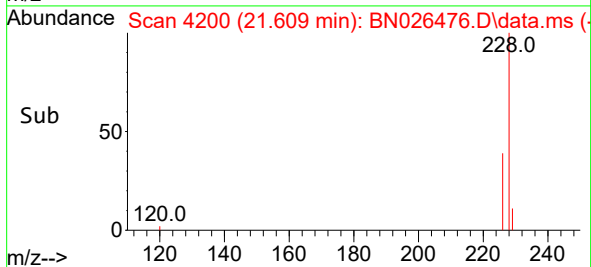
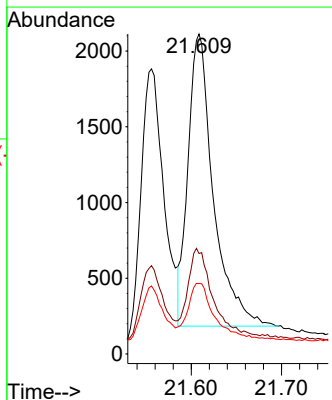
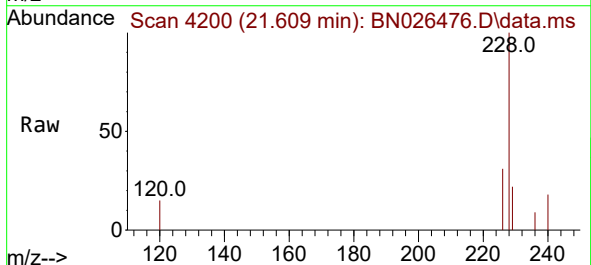
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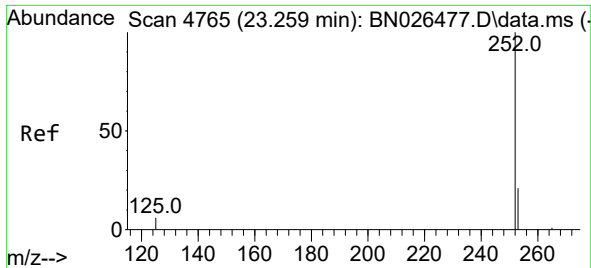
Tgt Ion:228 Resp: 3294
Ion Ratio Lower Upper
228 100
229 23.8 16.7 25.1
226 31.0 23.5 35.3



#22
Chrysene
Concen: 0.206 ng/ul
RT: 21.609 min Scan# 4200
Delta R.T. 0.007 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

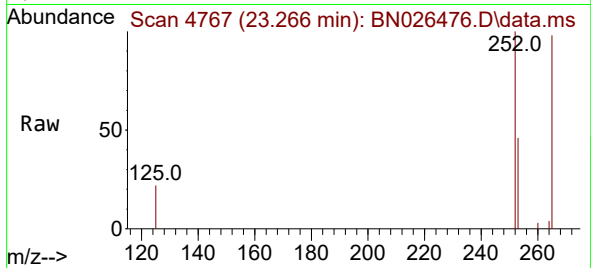
Tgt Ion:228 Resp: 3765
Ion Ratio Lower Upper
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226 31.4 25.2 37.8
229 22.0 16.4 24.6



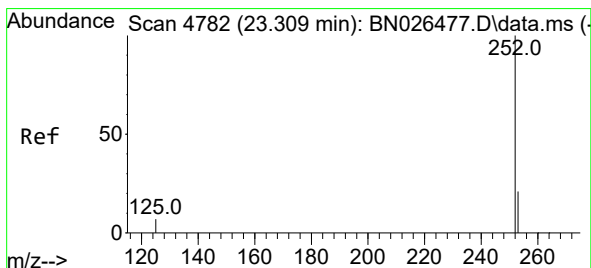
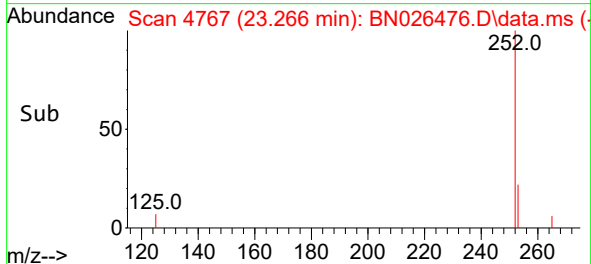
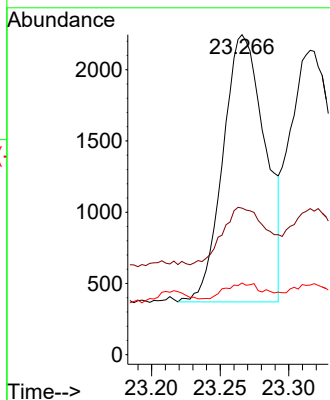


#24
Benzo(b)fluoranthene
Concen: 0.196 ng/ul
RT: 23.266 min Scan# 4767
Delta R.T. 0.007 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

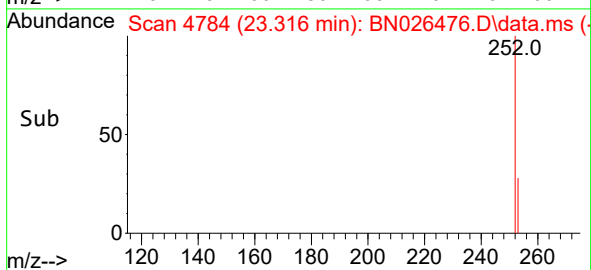
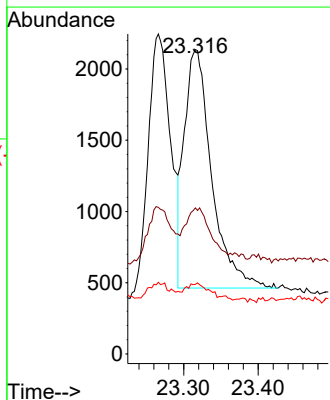
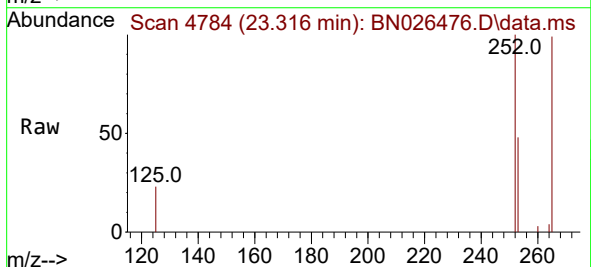


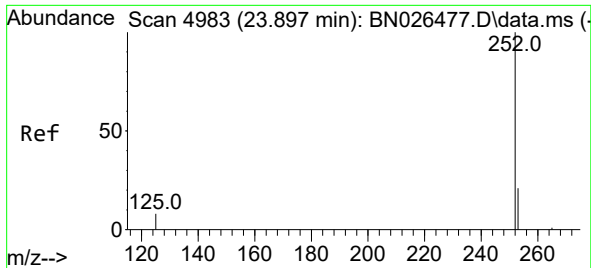
Tgt Ion:252 Resp: 4008
Ion Ratio Lower Upper
252 100
253 45.8 0.0 68.6
125 22.4 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.203 ng/ul
RT: 23.316 min Scan# 4784
Delta R.T. 0.007 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:252 Resp: 4280
Ion Ratio Lower Upper
252 100
253 48.0 27.2 40.8#
125 22.9 13.4 20.2#

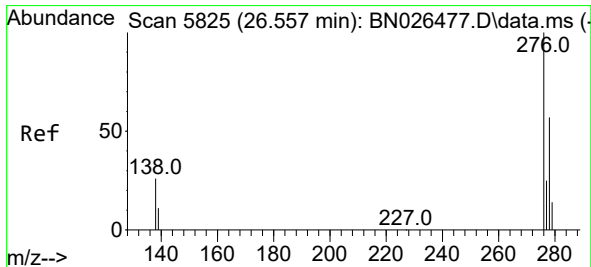
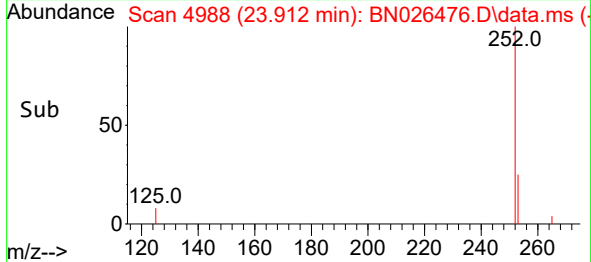
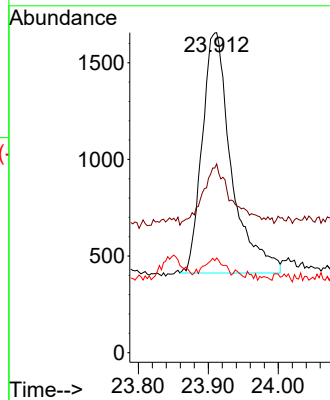
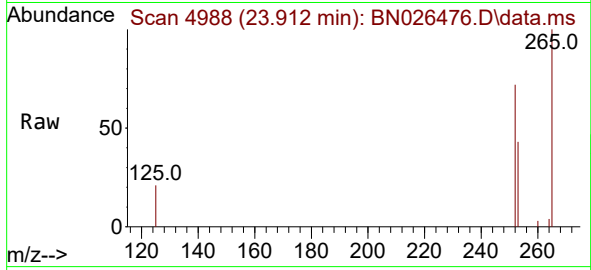




#26
Benzo(a)pyrene
Concen: 0.201 ng/ul
RT: 23.912 min Scan# 4988
Delta R.T. 0.015 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

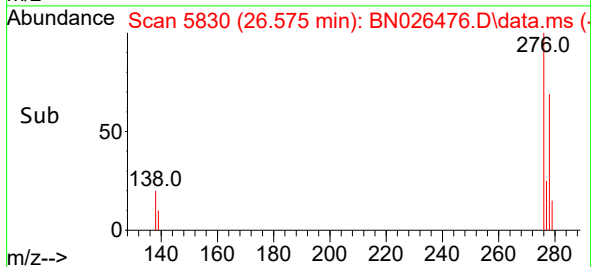
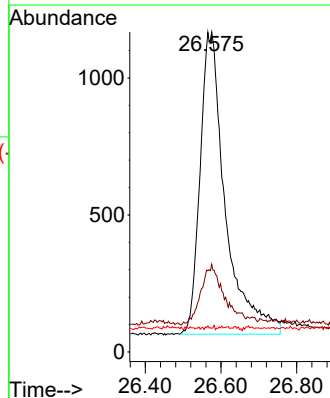
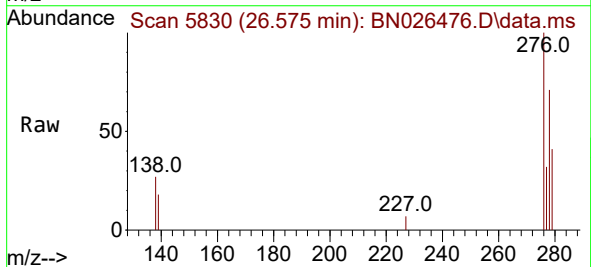
Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

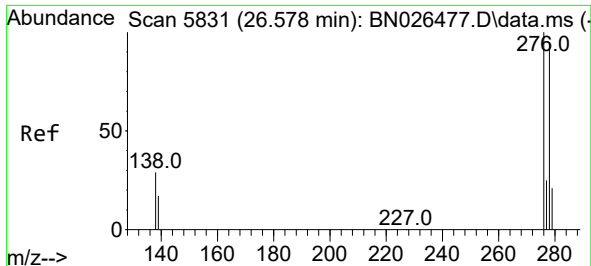
Tgt Ion:252	Resp:	3619
Ion Ratio	Lower	Upper
252	100	
253	59.0	32.6 49.0#
125	29.6	19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.225 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. 0.018 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:276	Resp:	5116
Ion Ratio	Lower	Upper
276	100	
138	19.2	22.2 33.4#
227	0.1	0.1 0.1

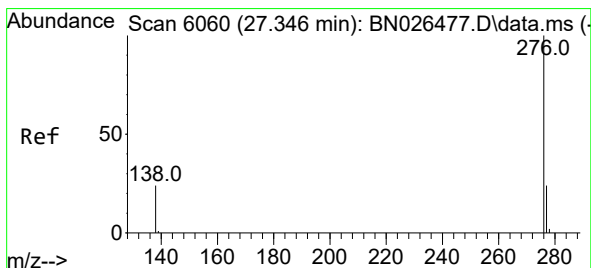
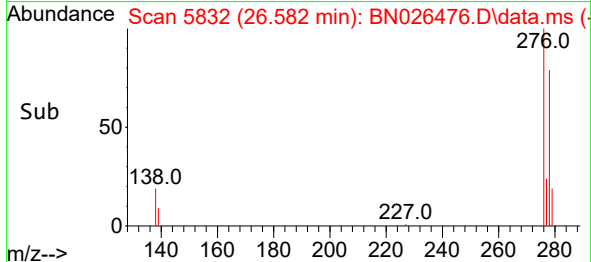
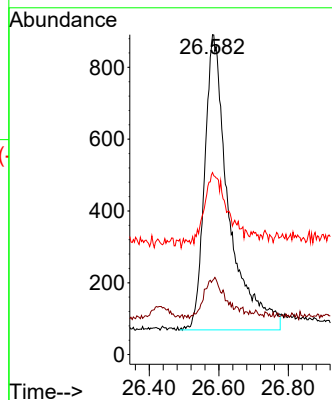
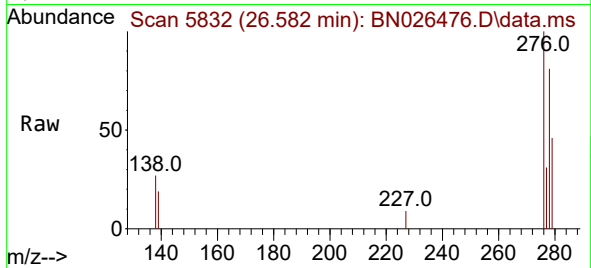




#28
Dibenzo(a,h)anthracene
Concen: 0.225 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. 0.004 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.2231

Tgt Ion:278 Resp: 3978
Ion Ratio Lower Upper
278 100
139 23.1 18.9 28.3
279 56.9 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.223 ng/ul
RT: 27.350 min Scan# 6061
Delta R.T. 0.004 min
Lab File: BN026476.D
Acq: 12 Jul 2023 16:06

Tgt Ion:276 Resp: 4547
Ion Ratio Lower Upper
276 100
138 26.4 22.6 34.0
277 30.6 21.8 32.8

