

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026475.D
 Acq On : 12 Jul 2023 14:41
 Operator : MA/JU
 Sample : SST0.113
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

Quant Time: Jul 13 04:16:48 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

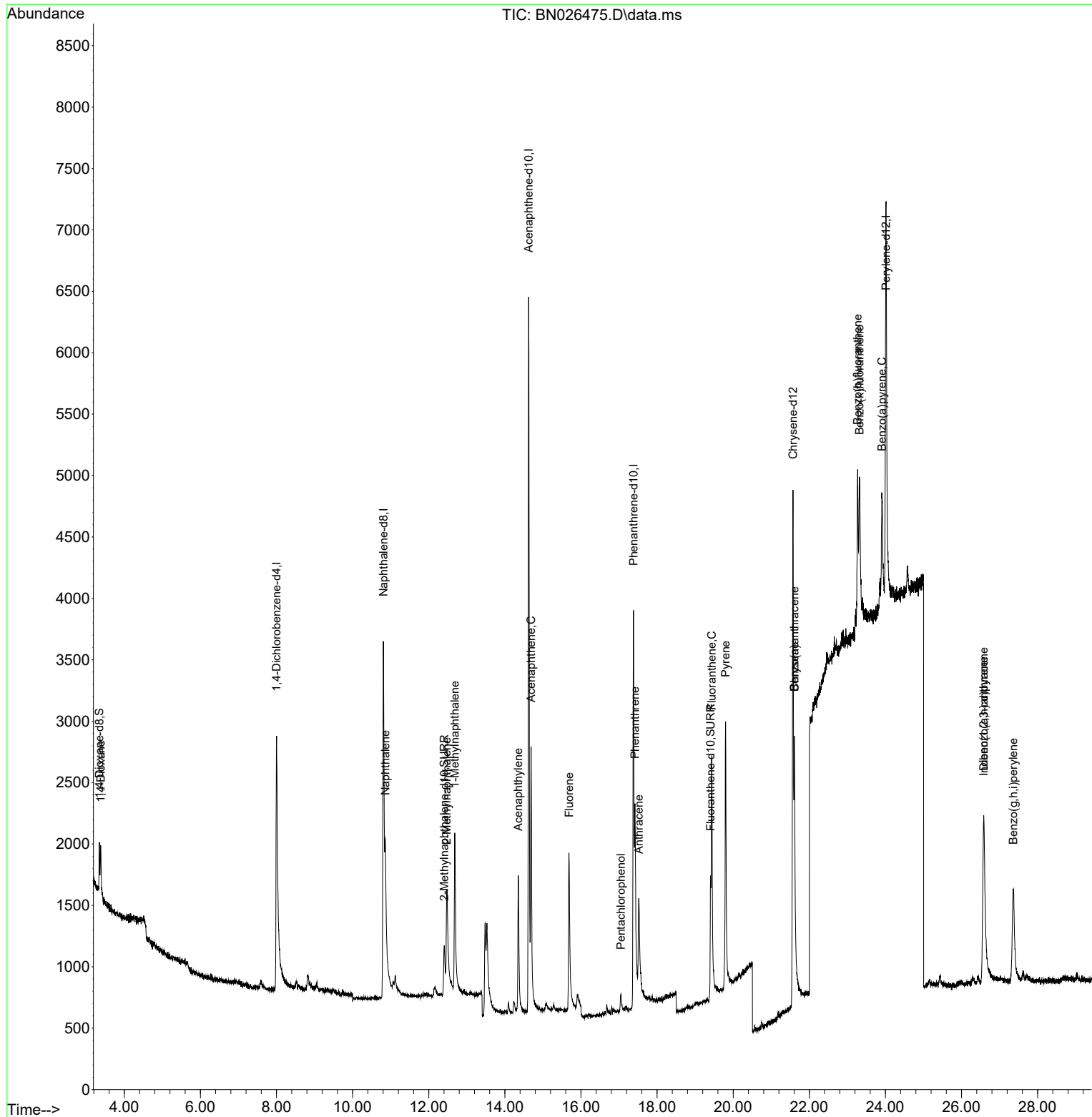
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	2221	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.809	136	7283	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.626	164	3926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	5807	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	4786	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	5687	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	413	0.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	971	0.099	ng/ul	0.01
18) Fluoranthene-d10	19.405	212	1735	0.107	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	322	0.057	ng/ul#	76
5) Naphthalene	10.858	128	2072	0.104	ng/ul#	87
7) 2-Methylnaphthalene	12.475	142	1109	0.096	ng/ul	99
8) 1-Methylnaphthalene	12.684	142	1224	0.098	ng/ul	97
10) Acenaphthylene	14.353	152	1906	0.102	ng/ul#	89
11) Acenaphthene	14.690	153	1450	0.103	ng/ul	95
12) Fluorene	15.690	166	1453	0.099	ng/ul#	97
14) Pentachlorophenol	17.047	266	170	0.120	ng/ul	98
15) Phenanthrene	17.419	178	1935	0.106	ng/ul#	84
16) Anthracene	17.520	178	1670	0.100	ng/ul#	81
19) Fluoranthene	19.438	202	2319	0.110	ng/ul#	94
20) Pyrene	19.800	202	2475	0.108	ng/ul#	89
21) Benzo(a)anthracene	21.608	228	2448	0.143	ng/ul	92
22) Chrysene	21.608	228	2102	0.110	ng/ul#	94
24) Benzo(b)fluoranthene	23.271	252	2241	0.103	ng/ul	60
25) Benzo(k)fluoranthene	23.321	252	2217	0.099	ng/ul#	54
26) Benzo(a)pyrene	23.911	252	1972	0.104	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.581	276	2742	0.114	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.584	278	2064	0.110	ng/ul#	48
29) Benzo(g,h,i)perylene	27.362	276	2412	0.112	ng/ul#	89

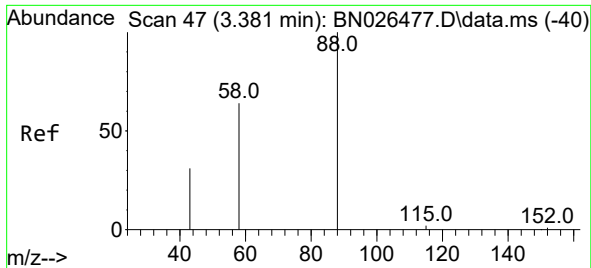
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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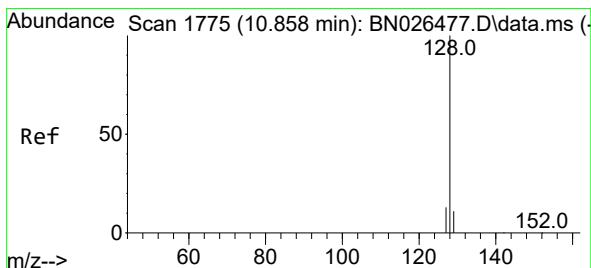
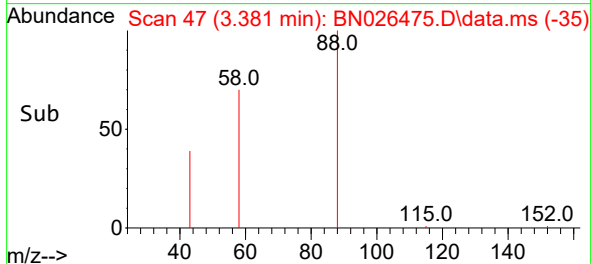
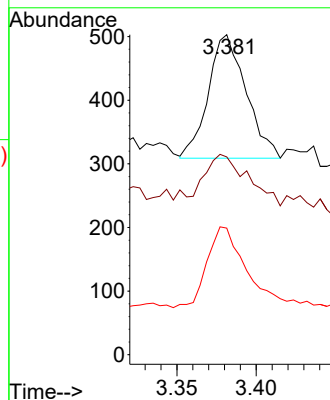
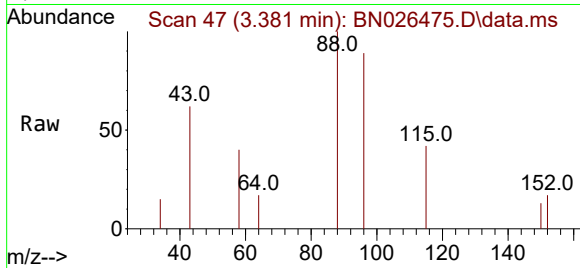




#2
1,4-Dioxane
Concen: 0.057 ng/ul
RT: 3.381 min Scan# 47
Delta R.T. 0.000 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

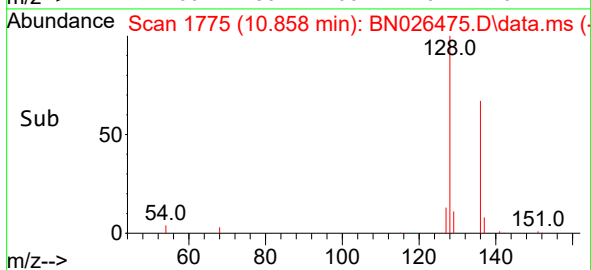
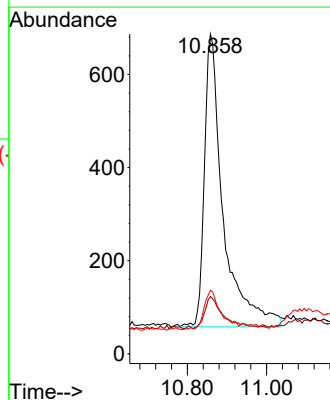
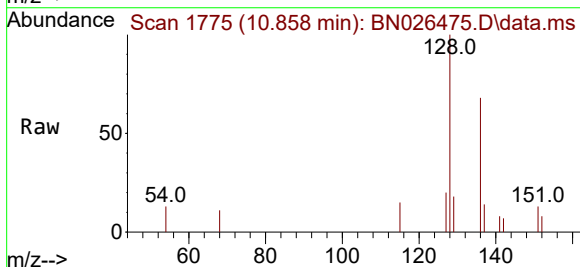
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

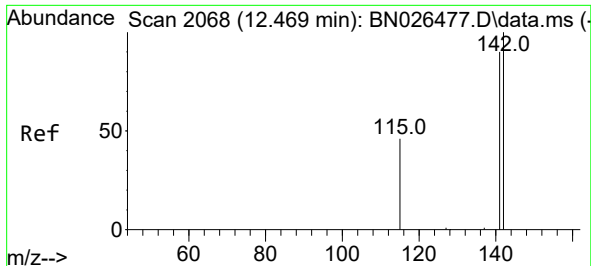
Tgt Ion: 88 Resp: 322
Ion Ratio Lower Upper
88 100
43 61.8 33.0 49.6#
58 39.6 41.7 62.5#



#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.858 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion: 128 Resp: 2072
Ion Ratio Lower Upper
128 100
129 17.9 10.2 15.2#
127 19.8 11.4 17.0#

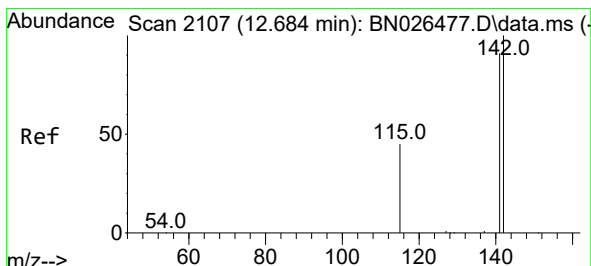
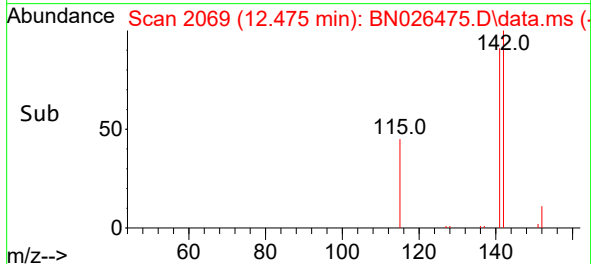
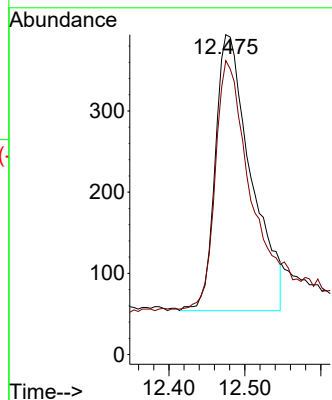
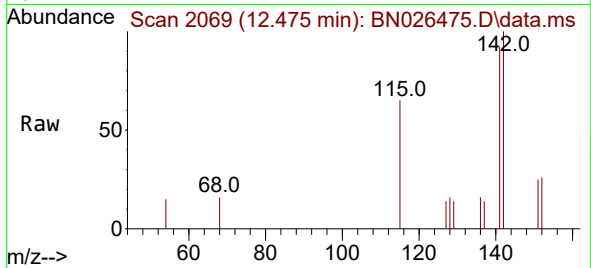




#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.475 min Scan# 2068
Delta R.T. 0.006 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

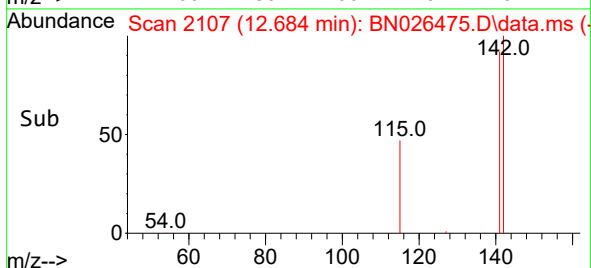
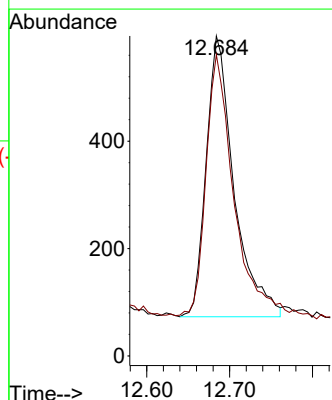
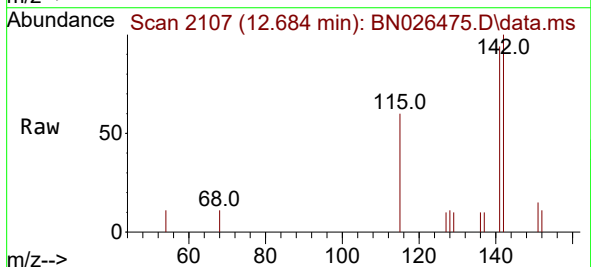
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

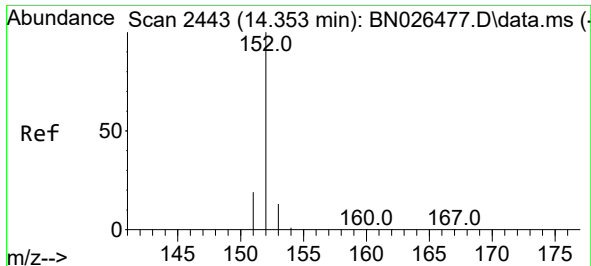
Tgt Ion:142 Resp: 1109
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.684 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:142 Resp: 1224
Ion Ratio Lower Upper
142 100
141 90.5 74.5 111.7

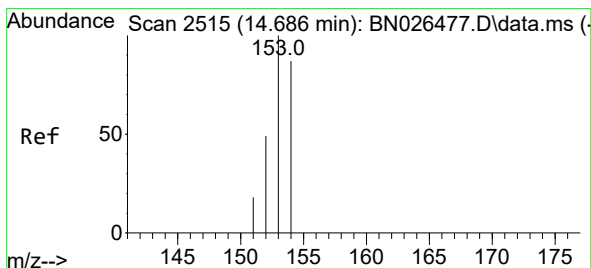
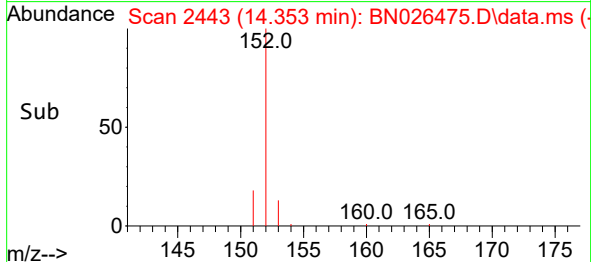
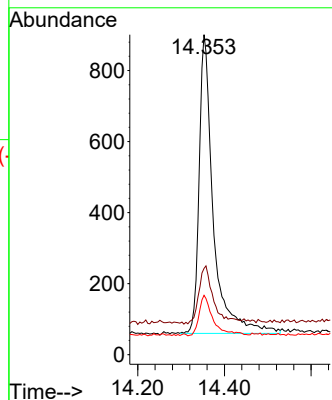
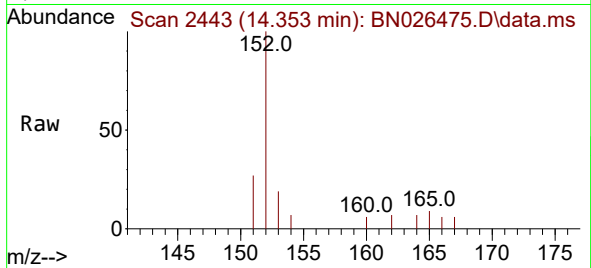




#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.353 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

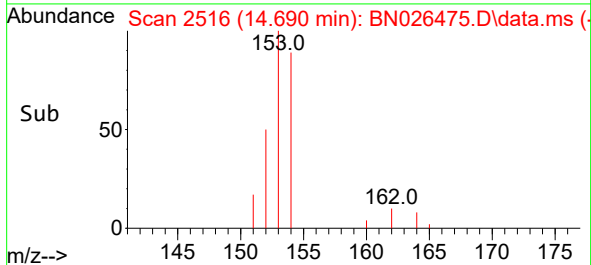
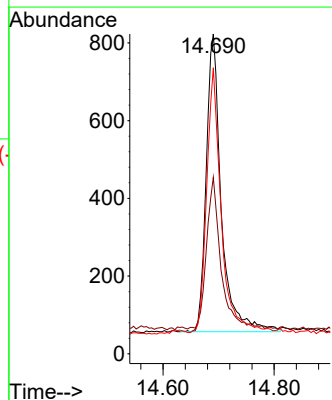
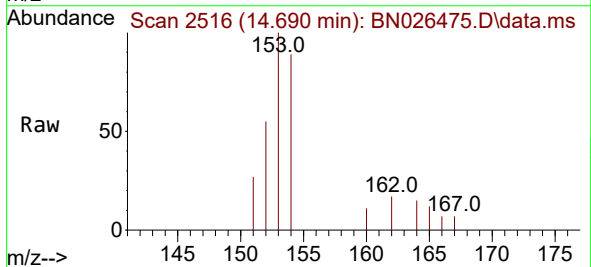
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

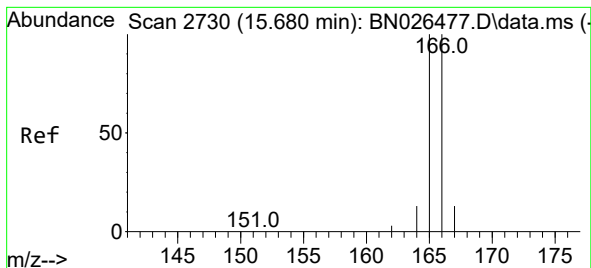
Tgt Ion:152 Resp: 1906
Ion Ratio Lower Upper
152 100
151 27.0 17.0 25.6#
153 18.5 11.4 17.2#



#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.690 min Scan# 2516
Delta R.T. 0.005 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:153 Resp: 1450
Ion Ratio Lower Upper
153 100
152 55.2 40.2 60.4
154 89.4 69.3 103.9





#12

Fluorene

Concen: 0.099 ng/ul

RT: 15.690 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN026475.D

Acq: 12 Jul 2023 14:41

Instrument :

BNA_N

ClientSampleId :

SSTD0.1230

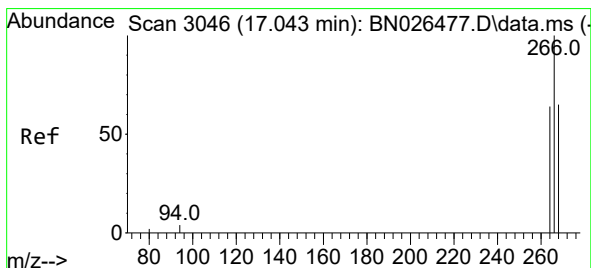
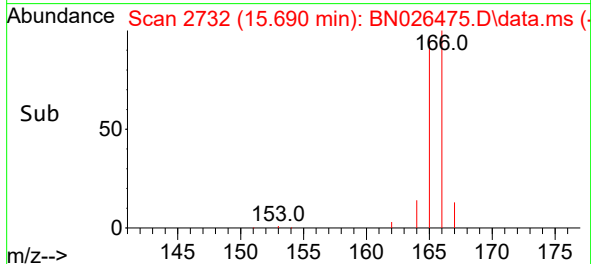
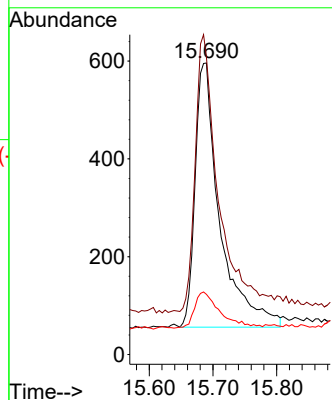
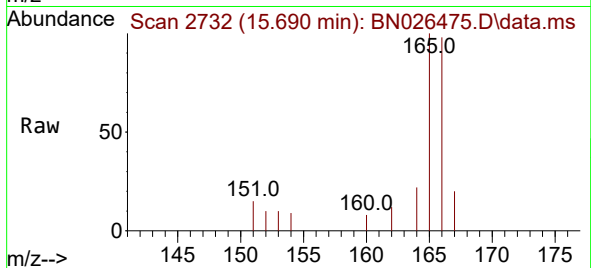
Tgt Ion:166 Resp: 1453

Ion Ratio Lower Upper

166 100

165 102.0 80.6 120.8

167 20.6 12.0 18.0#



#14

Pentachlorophenol

Concen: 0.120 ng/ul

RT: 17.047 min Scan# 3047

Delta R.T. 0.004 min

Lab File: BN026475.D

Acq: 12 Jul 2023 14:41

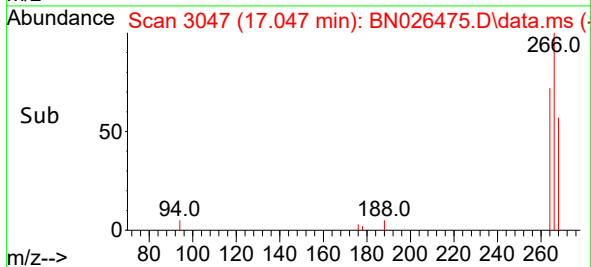
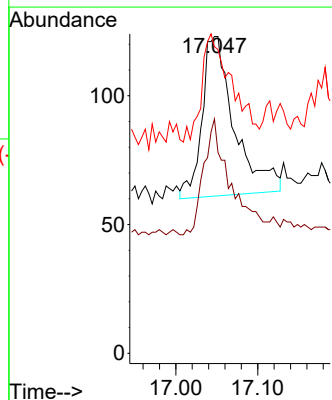
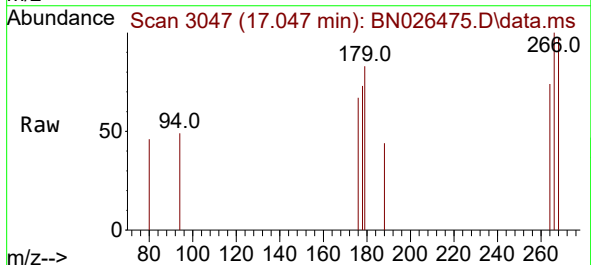
Tgt Ion:266 Resp: 170

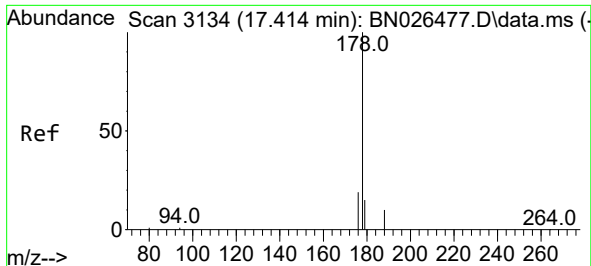
Ion Ratio Lower Upper

266 100

264 63.5 52.0 78.0

268 64.1 53.0 79.6

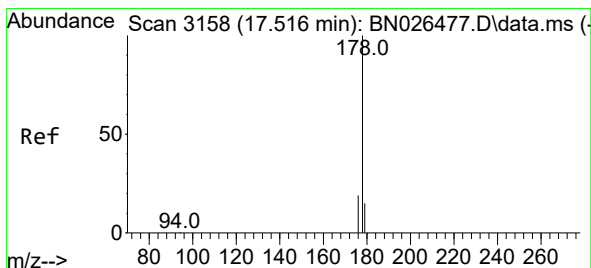
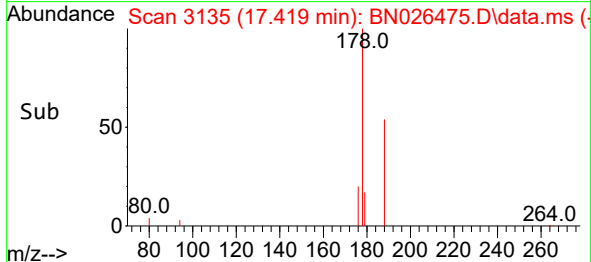
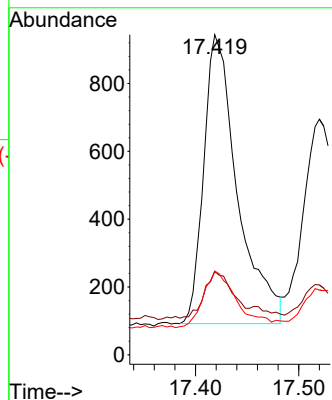
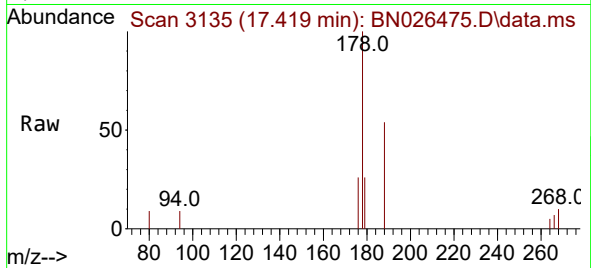




#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.419 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

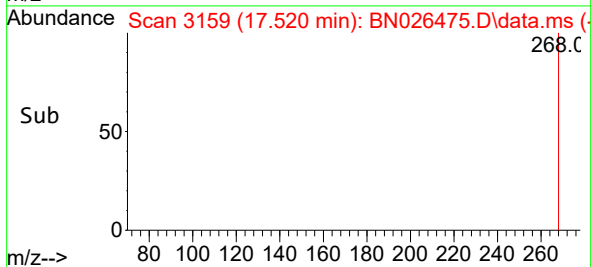
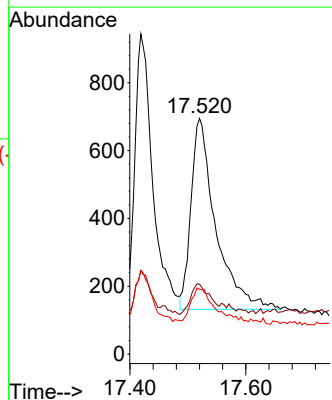
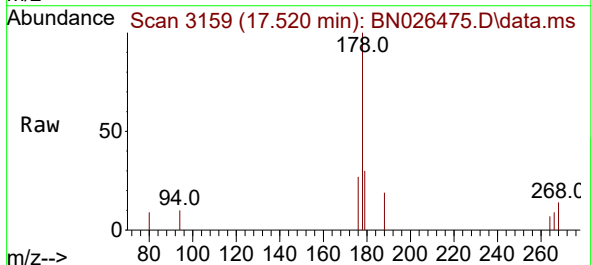
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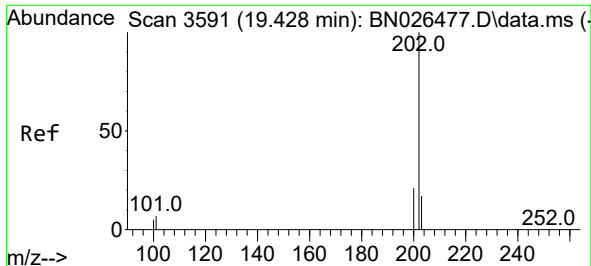
Tgt Ion:178 Resp: 1935
Ion Ratio Lower Upper
178 100
179 26.0 13.7 20.5#
176 26.2 16.5 24.7#



#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.520 min Scan# 3159
Delta R.T. 0.004 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:178 Resp: 1670
Ion Ratio Lower Upper
178 100
179 29.6 14.8 22.2#
176 27.5 16.6 25.0#

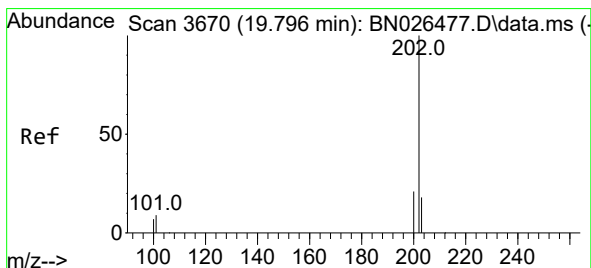
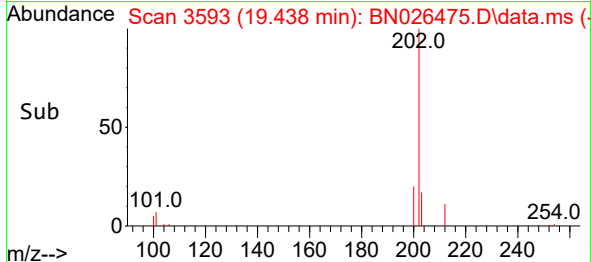
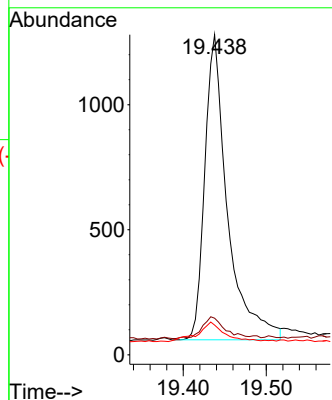
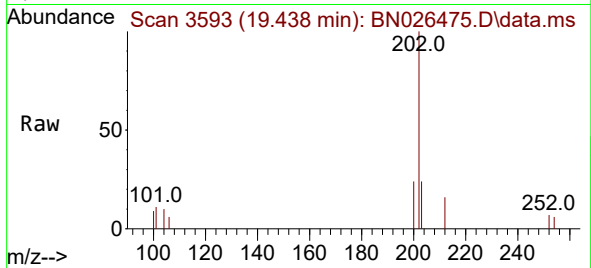




#19
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. 0.009 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

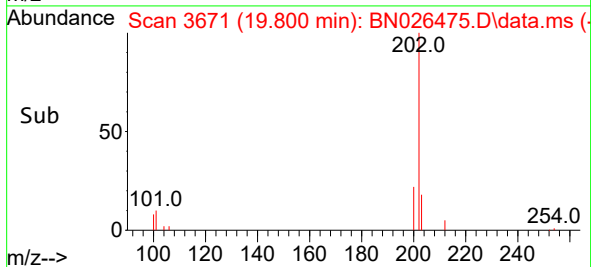
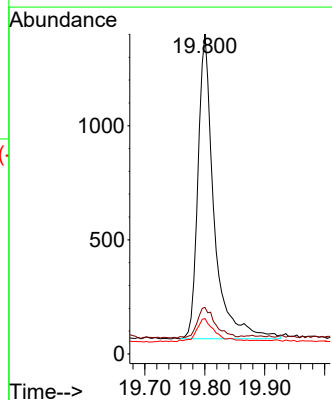
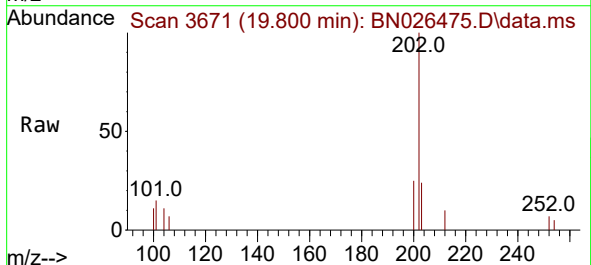
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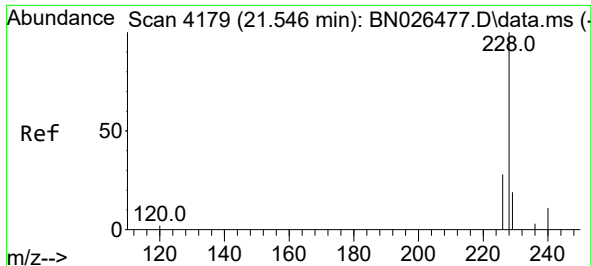
Tgt Ion:202 Resp: 2319
Ion Ratio Lower Upper
202 100
101 11.4 7.0 10.4#
100 9.3 6.0 9.0#



#20
Pyrene
Concen: 0.108 ng/ul
RT: 19.800 min Scan# 3671
Delta R.T. 0.005 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

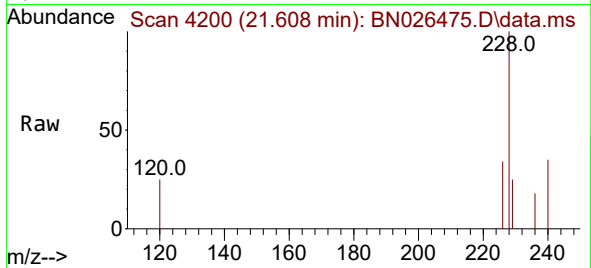
Tgt Ion:202 Resp: 2475
Ion Ratio Lower Upper
202 100
101 14.6 8.0 12.0#
100 11.1 6.2 9.2#



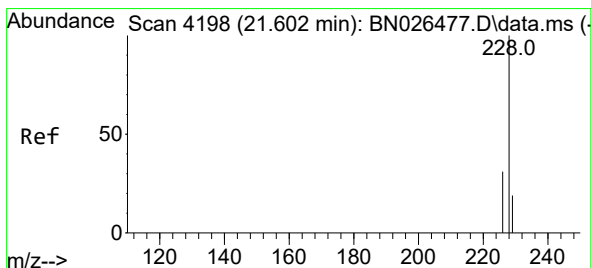
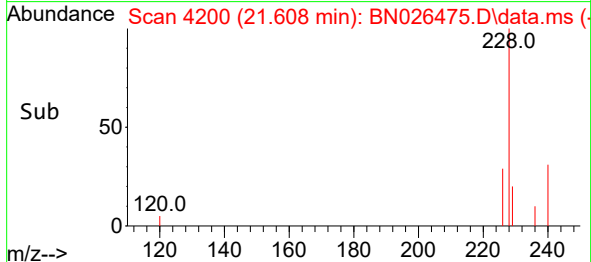
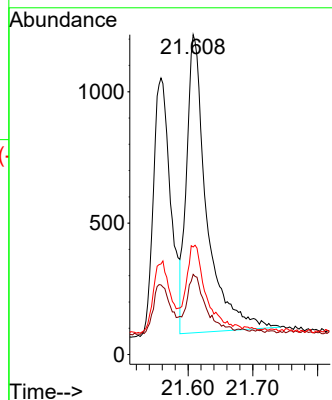


#21
Benzo(a)anthracene
Concen: 0.143 ng/ul
RT: 21.608 min Scan# 4179
Delta R.T. 0.061 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

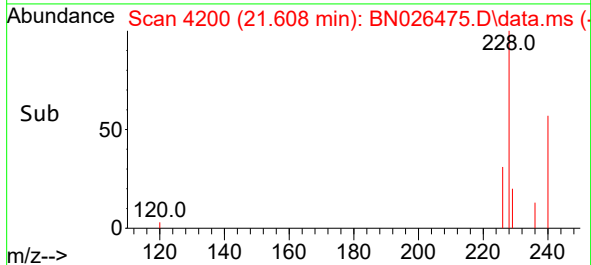
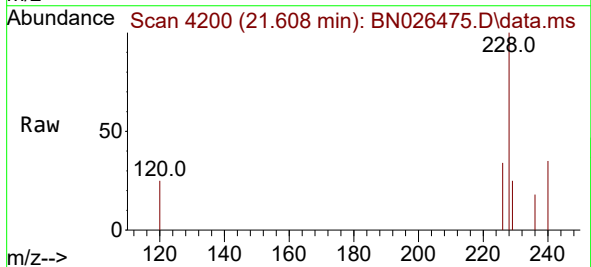
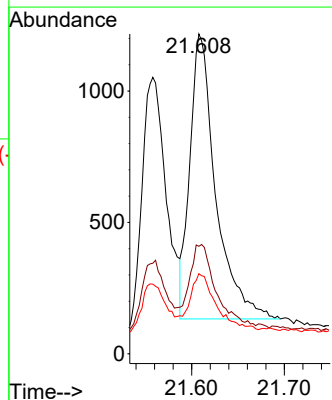


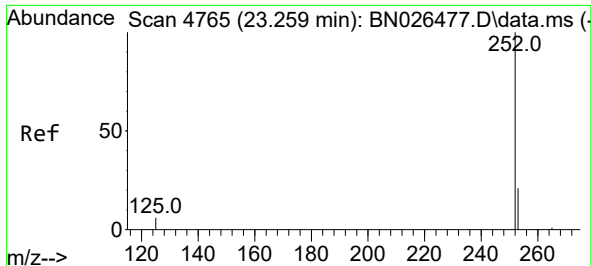
Tgt Ion:228 Resp: 2448
Ion Ratio Lower Upper
228 100
229 25.1 16.7 25.1
226 33.6 23.5 35.3



#22
Chrysene
Concen: 0.110 ng/ul
RT: 21.608 min Scan# 4200
Delta R.T. 0.006 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:228 Resp: 2102
Ion Ratio Lower Upper
228 100
226 33.6 25.2 37.8
229 25.1 16.4 24.6#

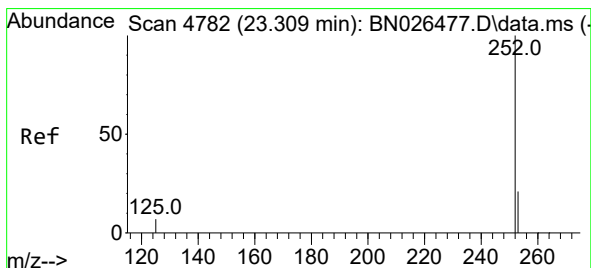
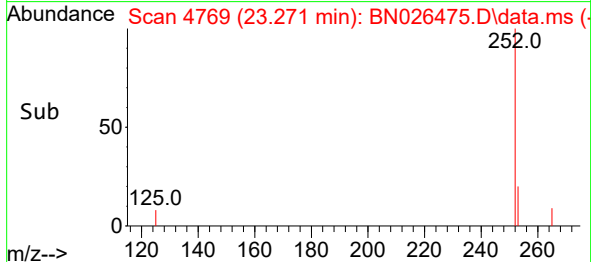
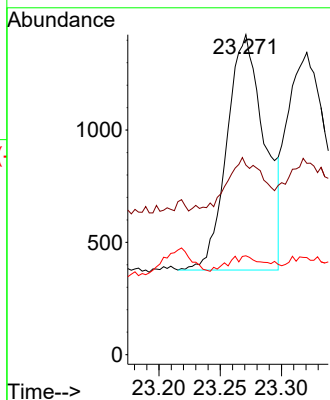
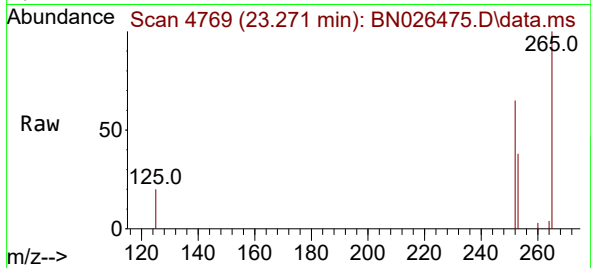




#24
Benzo(b)fluoranthene
Concen: 0.103 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. 0.012 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

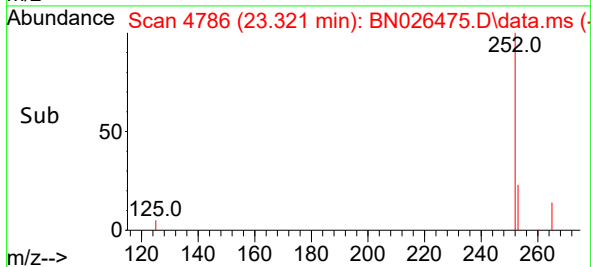
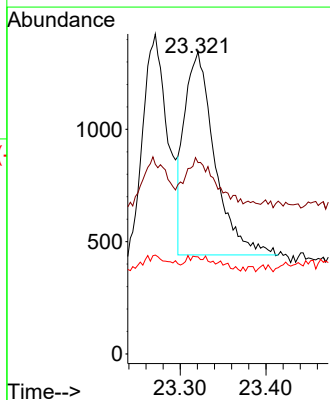
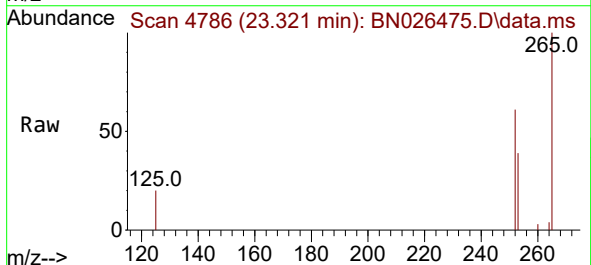
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

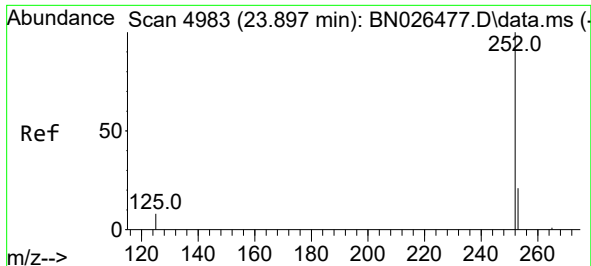
Tgt Ion:252 Resp: 2241
Ion Ratio Lower Upper
252 100
253 59.2 0.0 68.6
125 30.9 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul
RT: 23.321 min Scan# 4786
Delta R.T. 0.012 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:252 Resp: 2217
Ion Ratio Lower Upper
252 100
253 63.3 27.2 40.8#
125 32.1 13.4 20.2#

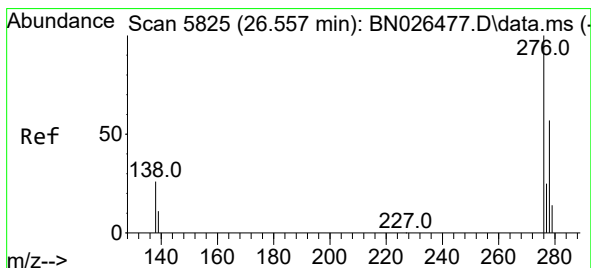
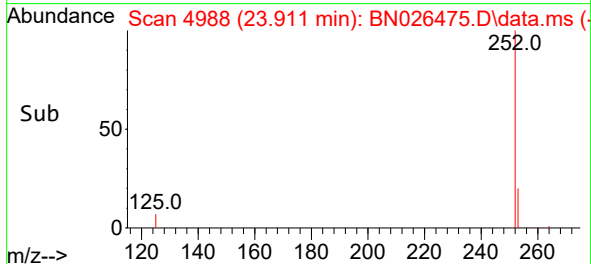
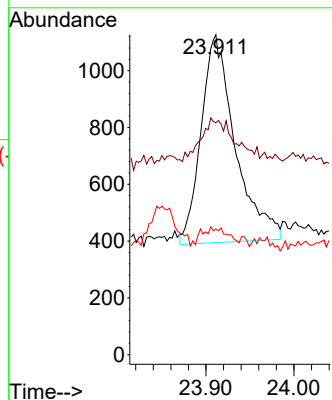
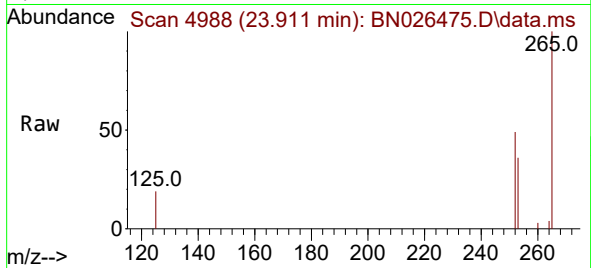




#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.911 min Scan# 4983
Delta R.T. 0.015 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

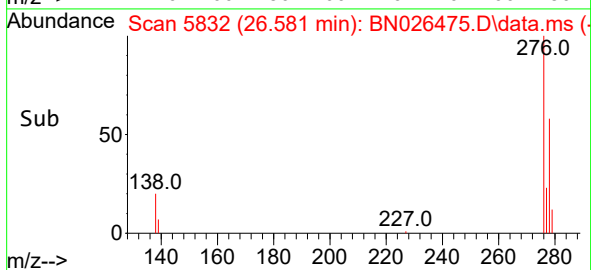
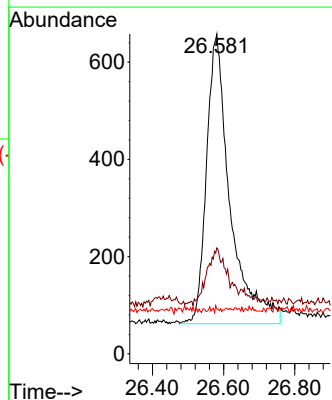
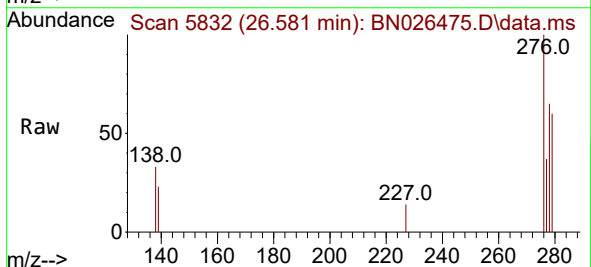
Instrument :
BNA_N
ClientSampleId :
SSTD0.1230

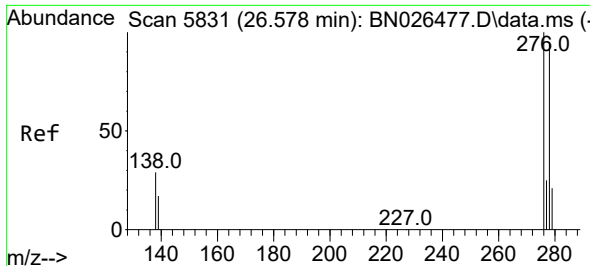
Tgt Ion:252 Resp: 1972
Ion Ratio Lower Upper
252 100
253 72.5 32.6 49.0#
125 39.3 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. 0.024 min
Lab File: BN026475.D
Acq: 12 Jul 2023 14:41

Tgt Ion:276 Resp: 2742
Ion Ratio Lower Upper
276 100
138 17.4 22.2 33.4#
227 0.3 0.1 0.1#

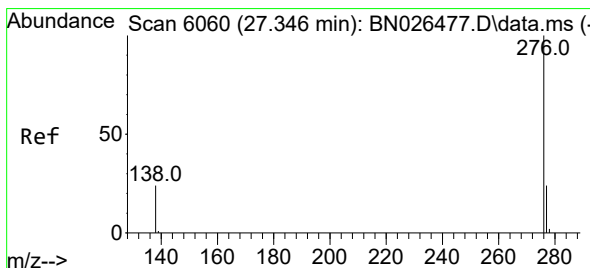
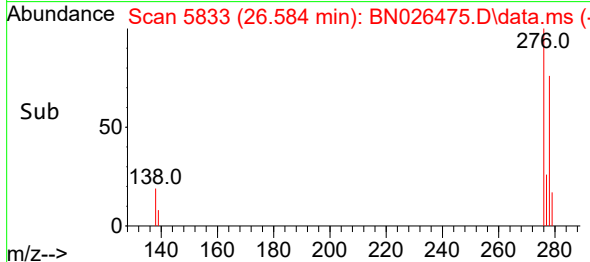
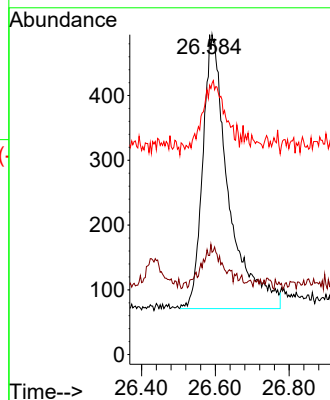
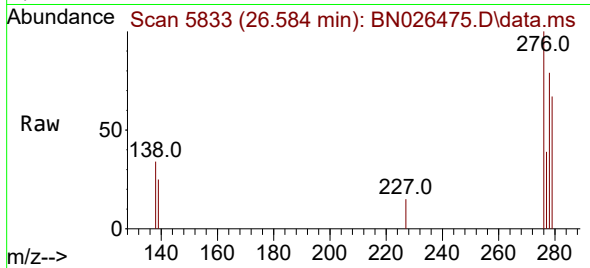




#28
 Dibenzo(a,h)anthracene
 Concen: 0.110 ng/ul
 RT: 26.584 min Scan# 5833
 Delta R.T. 0.007 min
 Lab File: BN026475.D
 Acq: 12 Jul 2023 14:41

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1230

Tgt Ion:278 Resp: 2064
 Ion Ratio Lower Upper
 278 100
 139 31.0 18.9 28.3#
 279 84.2 31.3 46.9#



#29
 Benzo(g,h,i)perylene
 Concen: 0.112 ng/ul
 RT: 27.362 min Scan# 6065
 Delta R.T. 0.017 min
 Lab File: BN026475.D
 Acq: 12 Jul 2023 14:41

Tgt Ion:276 Resp: 2412
 Ion Ratio Lower Upper
 276 100
 138 30.0 22.6 34.0
 277 37.7 21.8 32.8#

