

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
 Data File : BN029530.D
 Acq On : 06 Feb 2024 10:31
 Operator : MA/JU
 Sample : SST0.150
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1223

Quant Time: Feb 07 02:10:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 02:09:40 2024
 Response via : Initial Calibration

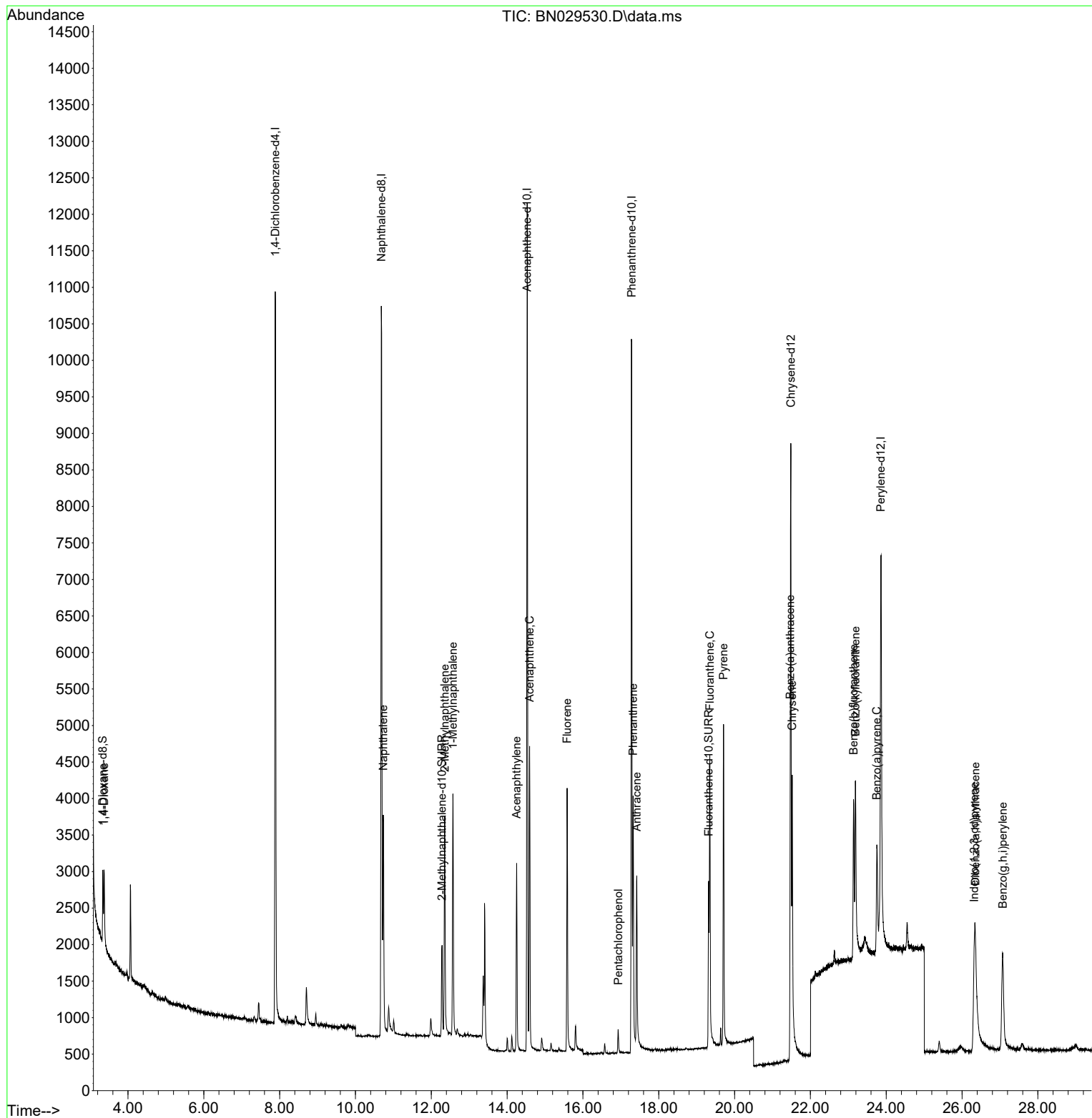
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.889	152	5460	0.400	ng/ul	0.00
4) Naphthalene-d8	10.683	136	14594	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	6516	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.285	188	11853	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	8269	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	8577	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	714	0.118	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.284	152	1833	0.083	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	2727	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	829	0.124	ng/ul#	81
5) Naphthalene	10.733	128	4236	0.104	ng/ul	98
7) 2-Methylnaphthalene	12.355	142	2322	0.086	ng/ul	99
8) 1-Methylnaphthalene	12.570	142	2434	0.089	ng/ul	99
10) Acenaphthylene	14.252	152	3135	0.096	ng/ul	97
11) Acenaphthene	14.594	153	2438	0.102	ng/ul	99
12) Fluorene	15.584	166	2473	0.089	ng/ul	96
14) Pentachlorophenol	16.930	266	253	0.089	ng/ul#	51
15) Phenanthrene	17.327	178	3775	0.104	ng/ul	96
16) Anthracene	17.420	178	3015	0.090	ng/ul	96
19) Fluoranthene	19.346	202	3749	0.107	ng/ul#	94
20) Pyrene	19.708	202	4019	0.110	ng/ul	96
21) Benzo(a)anthracene	21.467	228	3052	0.093	ng/ul	97
22) Chrysene	21.519	228	3295	0.103	ng/ul	97
24) Benzo(b)fluoranthene	23.139	252	3128	0.097	ng/ul	75
25) Benzo(k)fluoranthene	23.188	252	3433	0.102	ng/ul#	66
26) Benzo(a)pyrene	23.753	252	3142	0.103	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.319	276	3705	0.110	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.349	278	2836	0.105	ng/ul#	74
29) Benzo(g,h,i)perylene	27.073	276	3403	0.123	ng/ul#	93

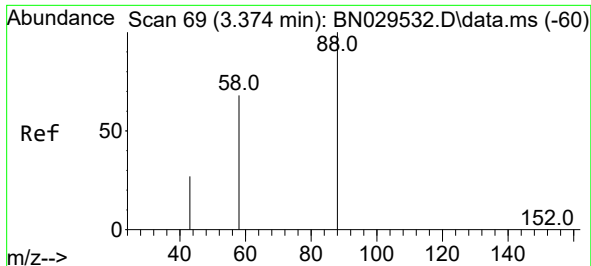
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020624\
Data File : BN029530.D
Acq On : 06 Feb 2024 10:31
Operator : MA/JU
Sample : SST0.150
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Quant Time: Feb 07 02:10:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 02:09:40 2024
Response via : Initial Calibration

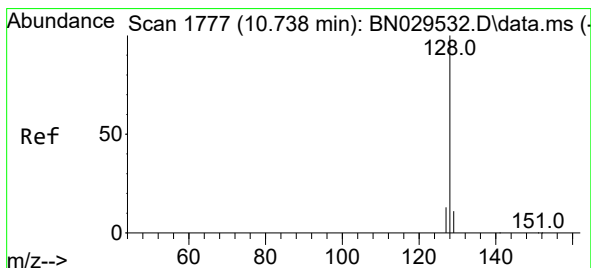
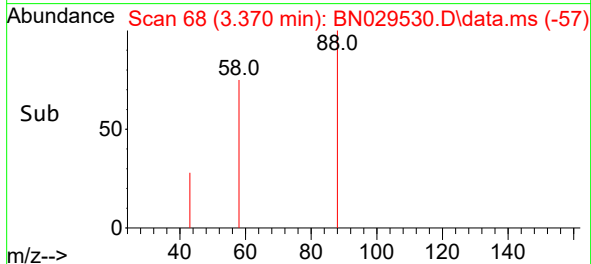
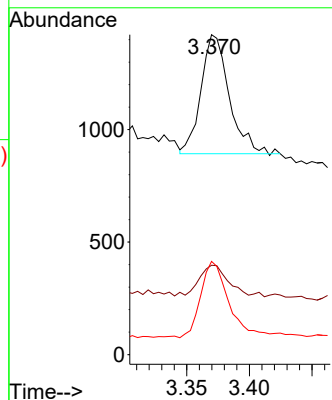
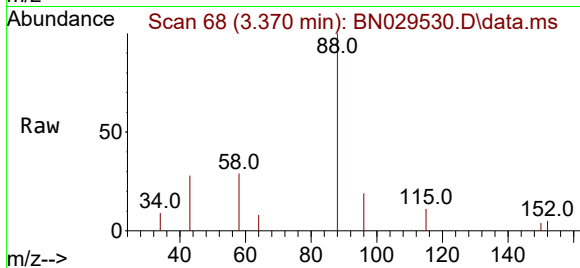




#2
1,4-Dioxane
Concen: 0.124 ng/ul
RT: 3.370 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

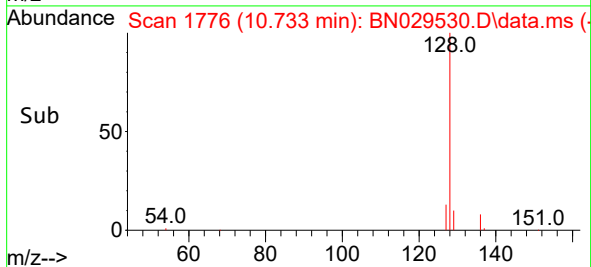
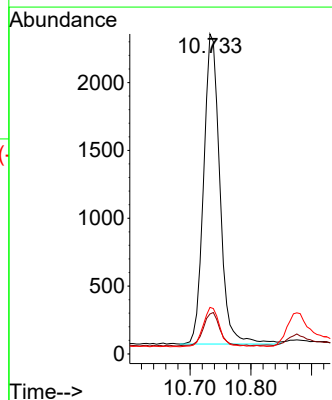
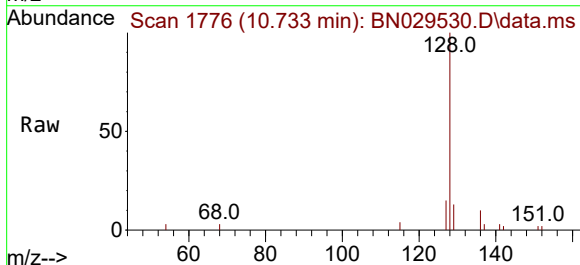
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

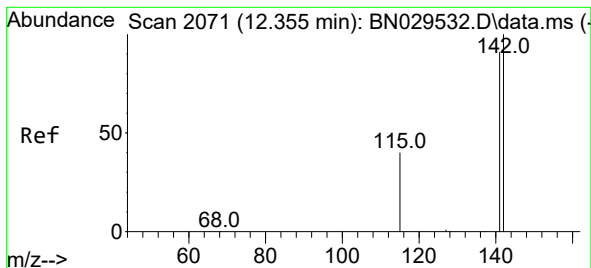
Tgt Ion: 88 Resp: 829
Ion Ratio Lower Upper
88 100
43 27.9 21.8 32.6
58 29.1 39.3 58.9#



#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.733 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion: 128 Resp: 4236
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.5 11.0 16.6

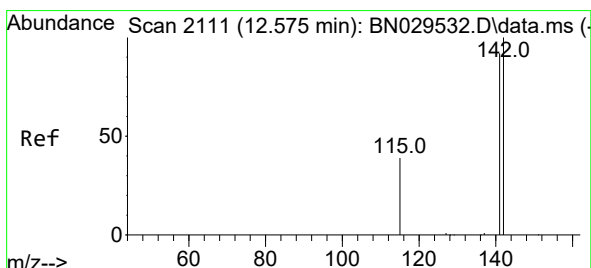
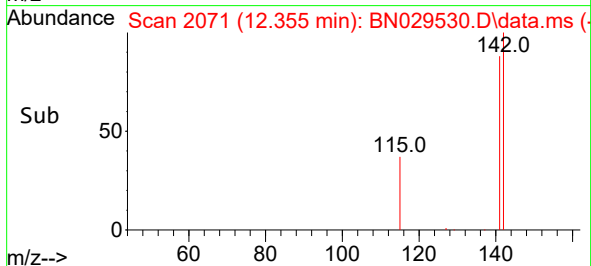
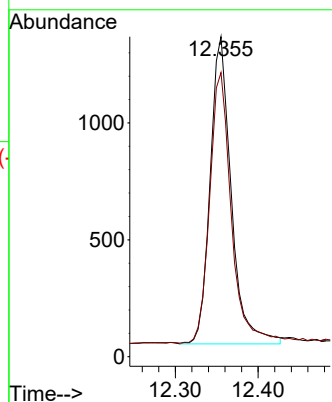
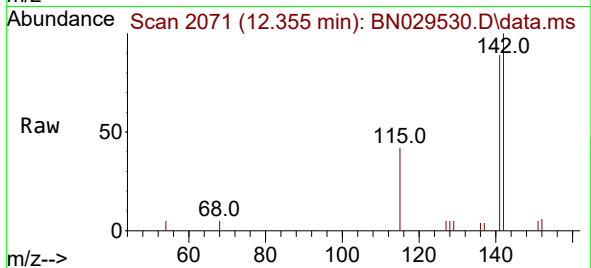




#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 12.355 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

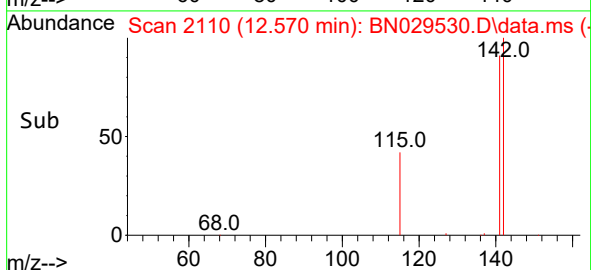
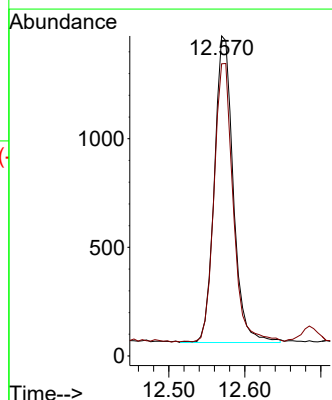
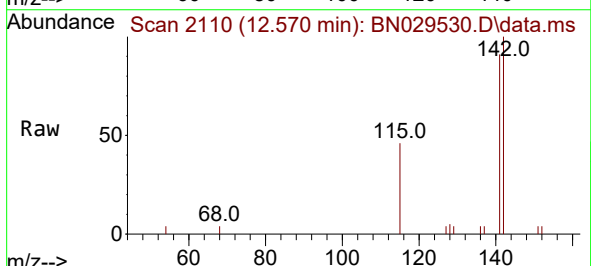
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

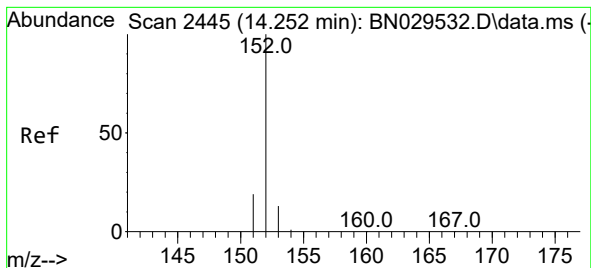
Tgt Ion:142 Resp: 2322
Ion Ratio Lower Upper
142 100
141 90.1 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.570 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:142 Resp: 2434
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9





#10

Acenaphthylene

Concen: 0.096 ng/ul

RT: 14.252 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BN029530.D

Acq: 06 Feb 2024 10:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.1223

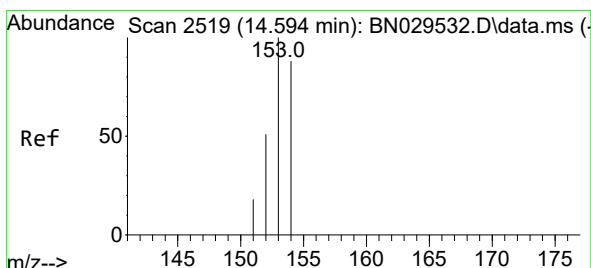
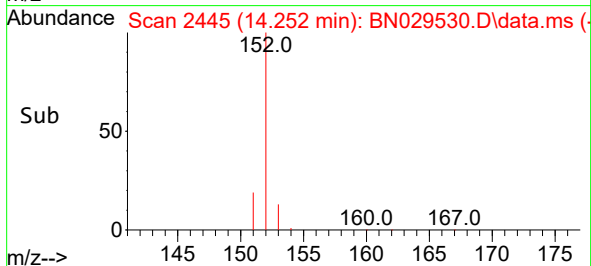
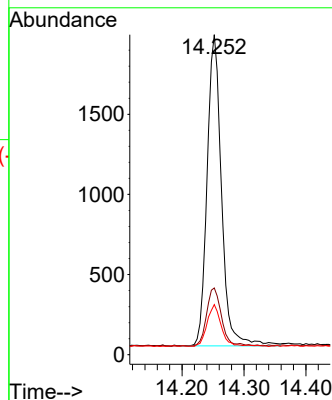
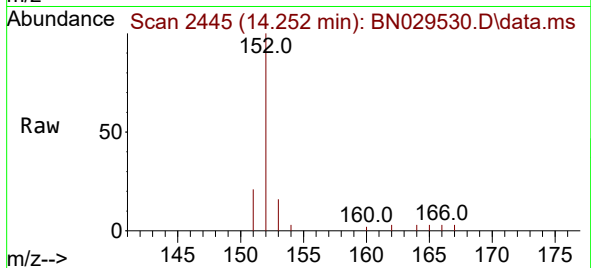
Tgt Ion:152 Resp: 3135

Ion Ratio Lower Upper

152 100

151 20.8 15.8 23.8

153 15.6 10.9 16.3



#11

Acenaphthene

Concen: 0.102 ng/ul

RT: 14.594 min Scan# 2519

Delta R.T. 0.000 min

Lab File: BN029530.D

Acq: 06 Feb 2024 10:31

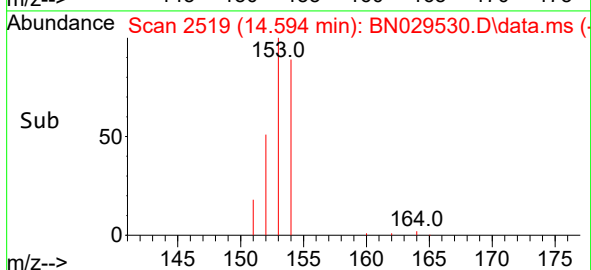
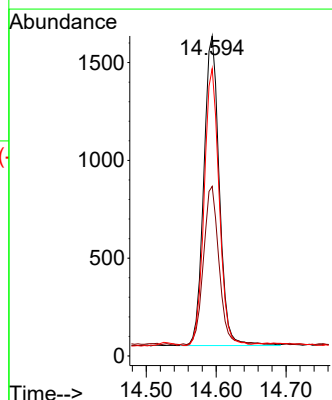
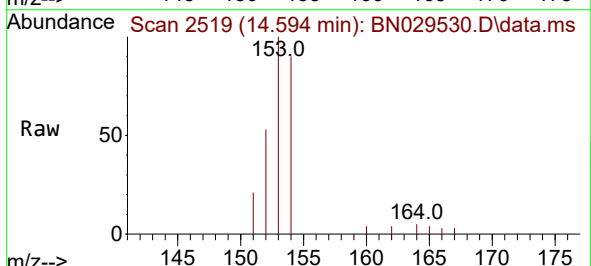
Tgt Ion:153 Resp: 2438

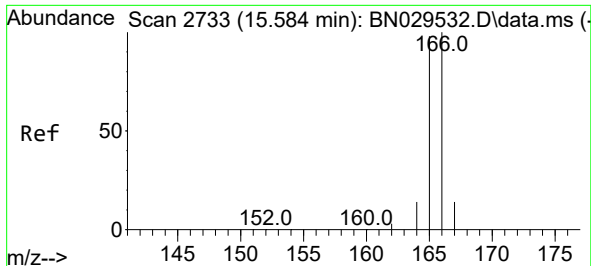
Ion Ratio Lower Upper

153 100

152 53.0 41.5 62.3

154 89.8 70.9 106.3

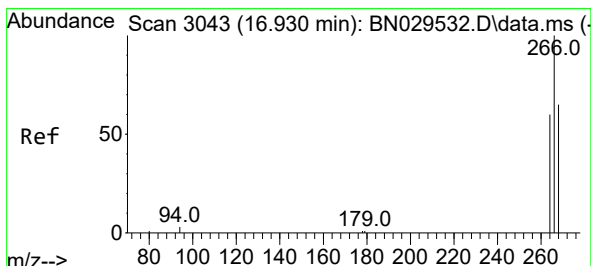
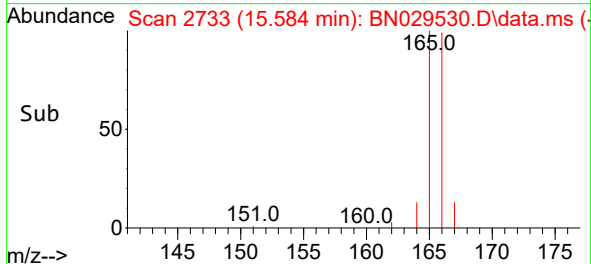
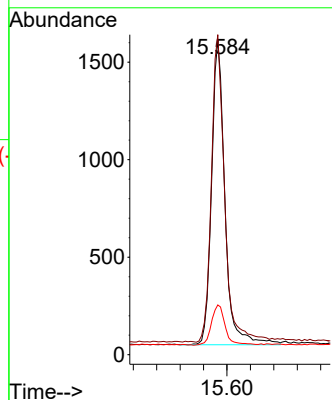
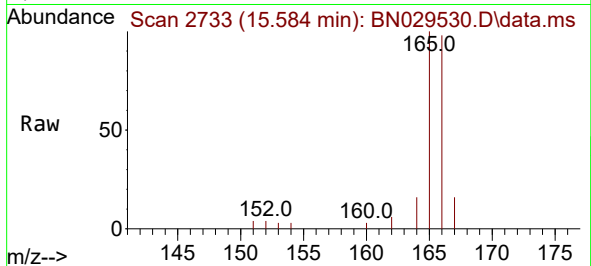




#12
Fluorene
Concen: 0.089 ng/ul
RT: 15.584 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

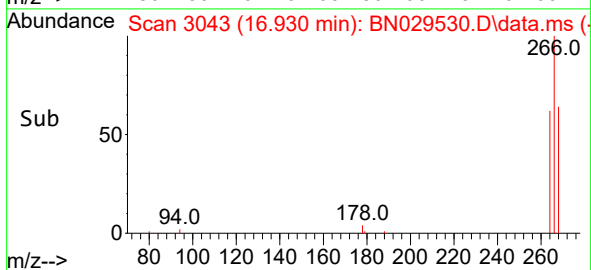
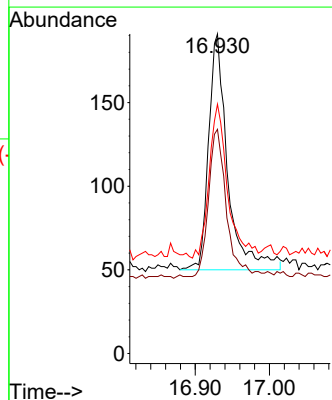
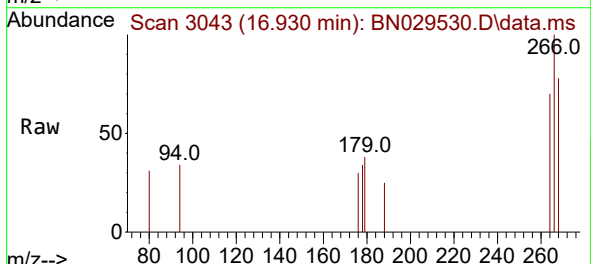
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

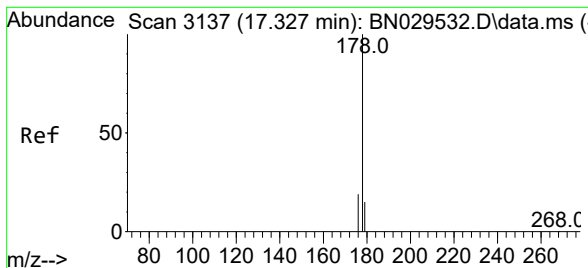
Tgt Ion:166 Resp: 2473
Ion Ratio Lower Upper
166 100
165 101.7 78.6 117.8
167 15.8 11.5 17.3



#14
Pentachlorophenol
Concen: 0.089 ng/ul
RT: 16.930 min Scan# 3043
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:266 Resp: 253
Ion Ratio Lower Upper
266 100
264 58.5 0.0 0.0#
268 62.8 0.2 0.2#





#15

Phenanthrene

Concen: 0.104 ng/ul

RT: 17.327 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BN029530.D

Acq: 06 Feb 2024 10:31

Instrument :

BNA_N

ClientSampleId :

SSTD0.1223

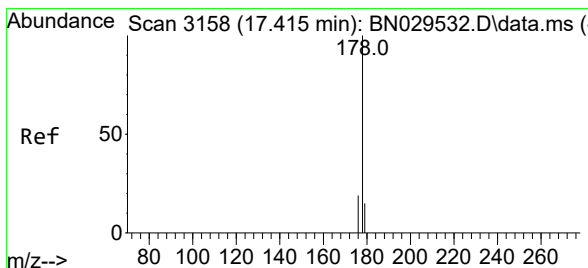
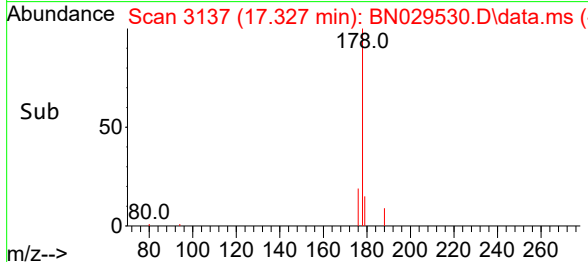
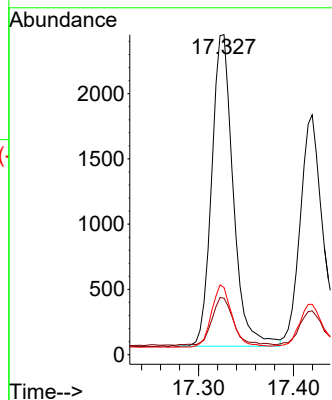
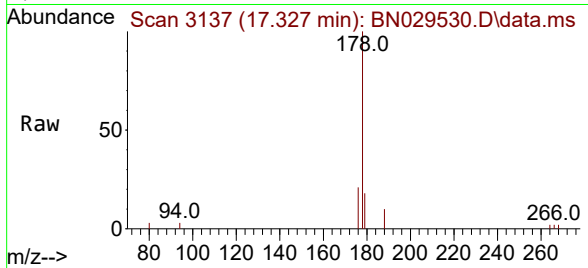
Tgt Ion:178 Resp: 3775

Ion Ratio Lower Upper

178 100

179 17.7 12.6 18.8

176 21.0 15.7 23.5



#16

Anthracene

Concen: 0.090 ng/ul

RT: 17.420 min Scan# 3159

Delta R.T. 0.004 min

Lab File: BN029530.D

Acq: 06 Feb 2024 10:31

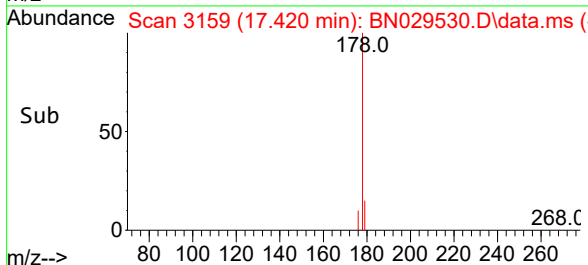
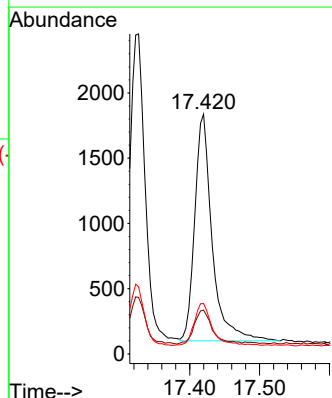
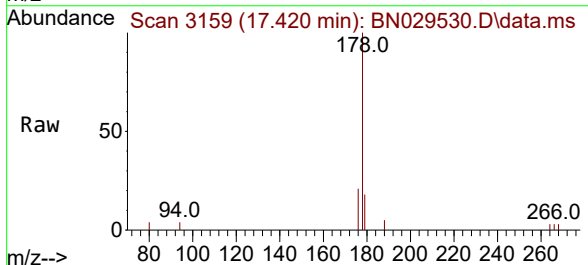
Tgt Ion:178 Resp: 3015

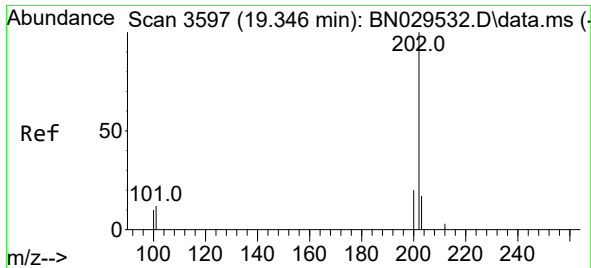
Ion Ratio Lower Upper

178 100

179 18.2 12.9 19.3

176 21.0 15.8 23.8

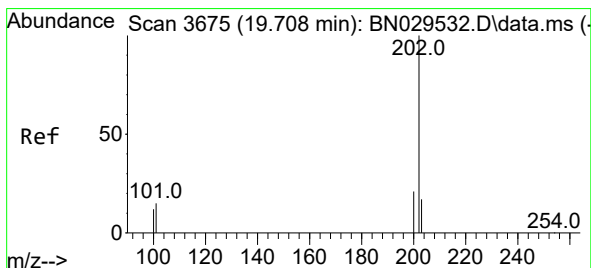
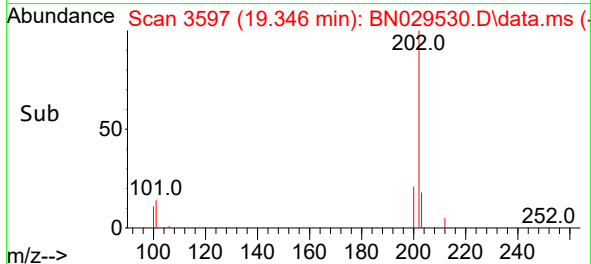
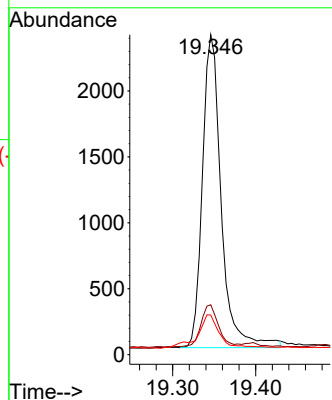
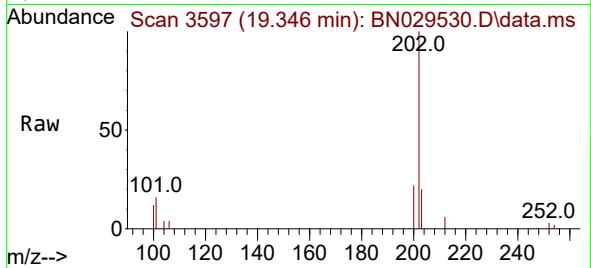




#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

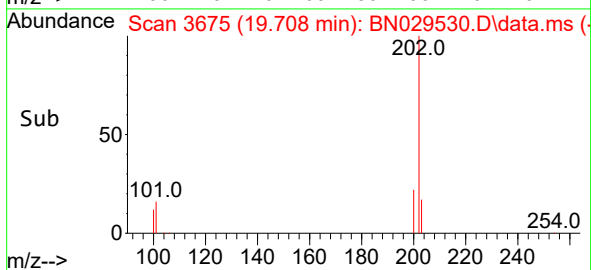
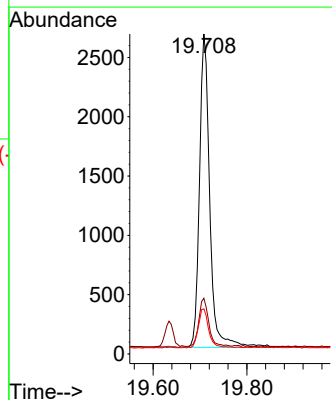
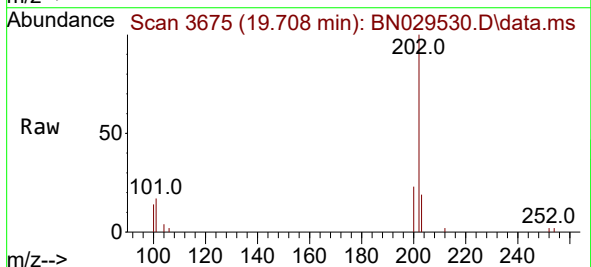
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

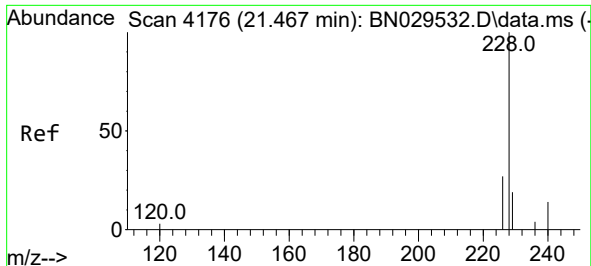
Tgt Ion:202 Resp: 3749
Ion Ratio Lower Upper
202 100
101 15.6 10.4 15.6#
100 12.4 8.5 12.7



#20
Pyrene
Concen: 0.110 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

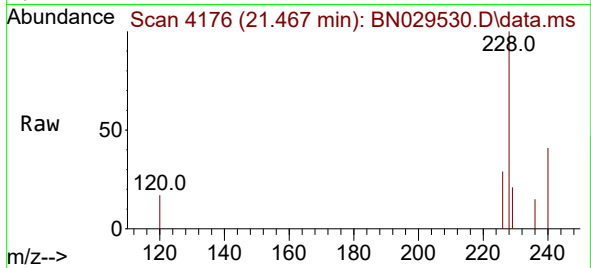
Tgt Ion:202 Resp: 4019
Ion Ratio Lower Upper
202 100
101 17.4 12.5 18.7
100 14.1 10.0 15.0



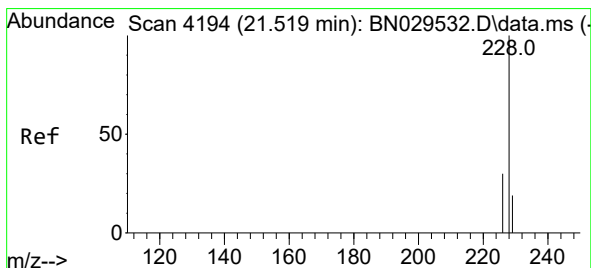
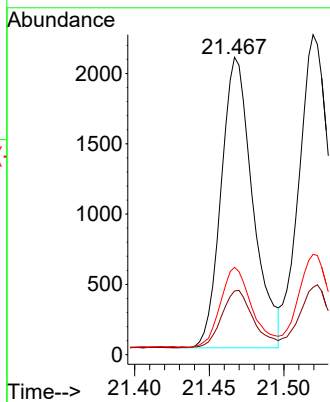
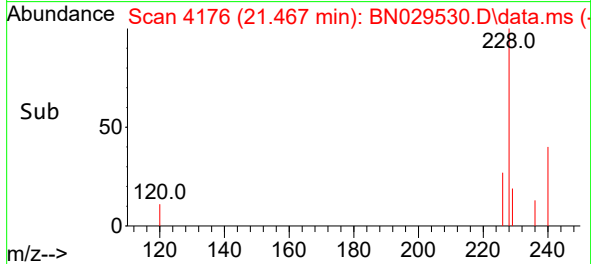


#21
Benzo(a)anthracene
Concen: 0.093 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

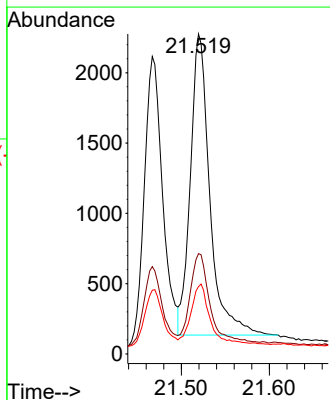
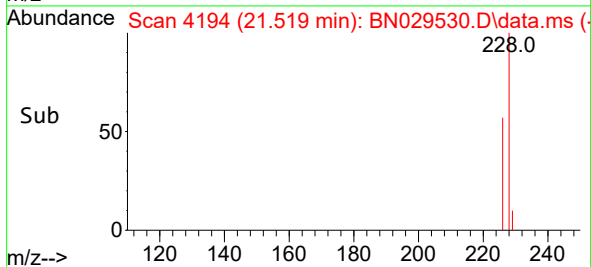
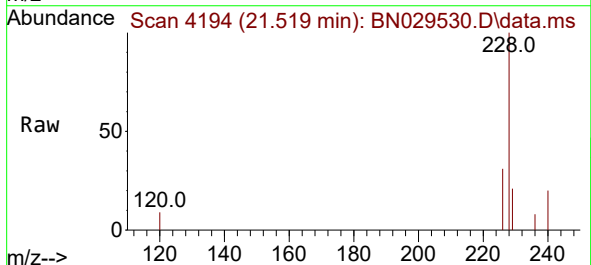


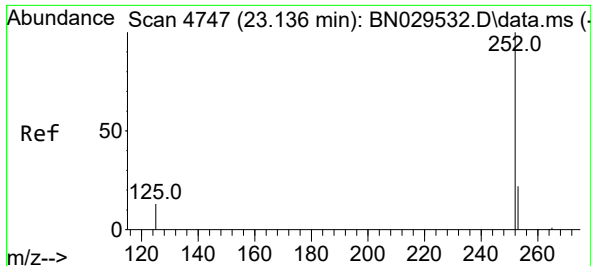
Tgt Ion:228 Resp: 3052
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 29.4 22.2 33.4



#22
Chrysene
Concen: 0.103 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:228 Resp: 3295
Ion Ratio Lower Upper
228 100
226 31.4 24.2 36.2
229 21.0 15.7 23.5

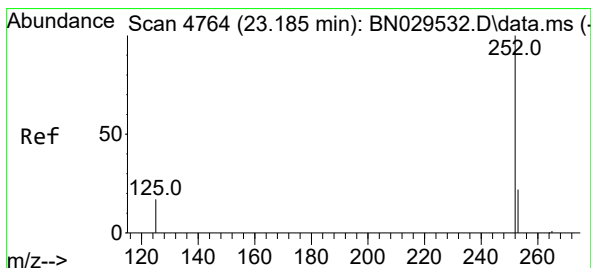
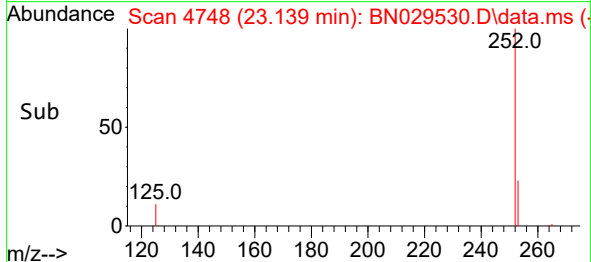
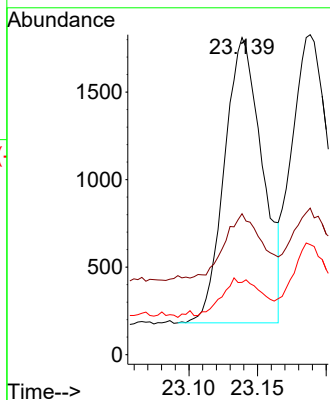
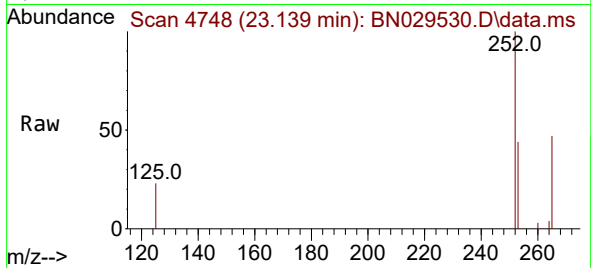




#24
Benzo(b)fluoranthene
Concen: 0.097 ng/ul
RT: 23.139 min Scan# 4747
Delta R.T. 0.003 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

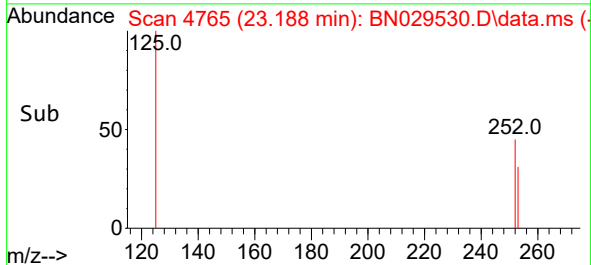
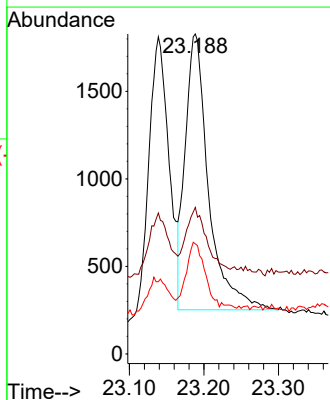
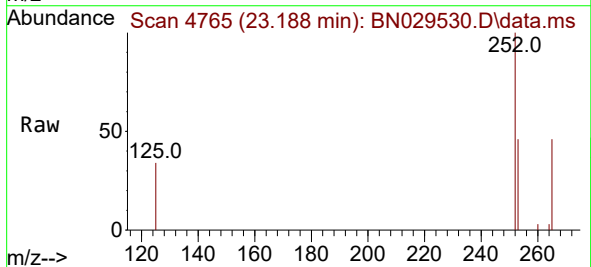
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

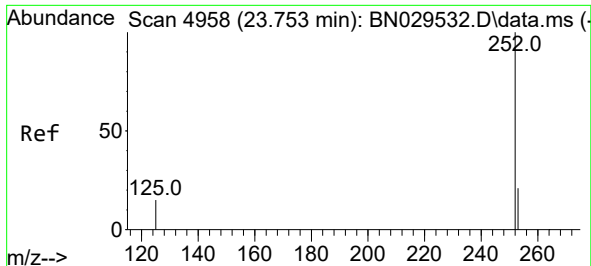
Tgt Ion:252 Resp: 3128
Ion Ratio Lower Upper
252 100
253 44.4 0.0 56.8
125 22.8 0.0 32.4



#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul
RT: 23.188 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:252 Resp: 3433
Ion Ratio Lower Upper
252 100
253 45.8 22.6 33.8#
125 34.4 15.3 22.9#

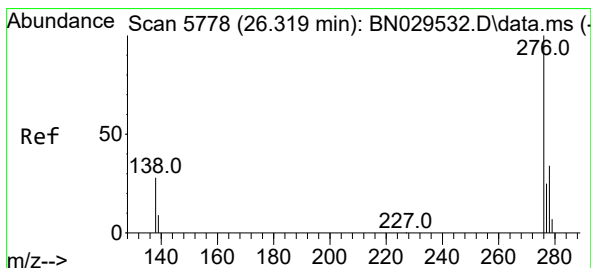
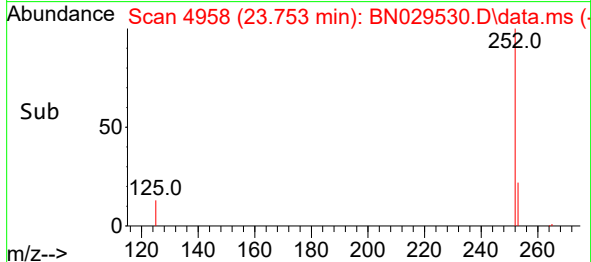
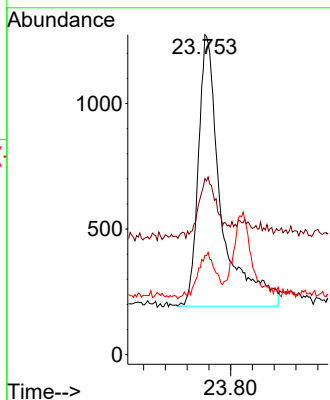
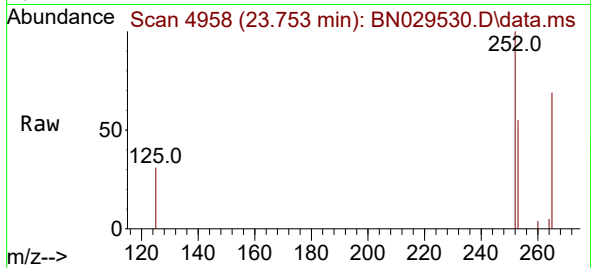




#26
Benzo(a)pyrene
Concen: 0.103 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

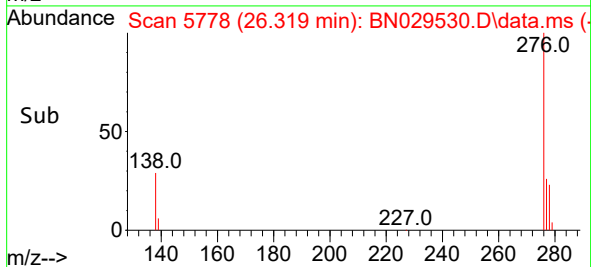
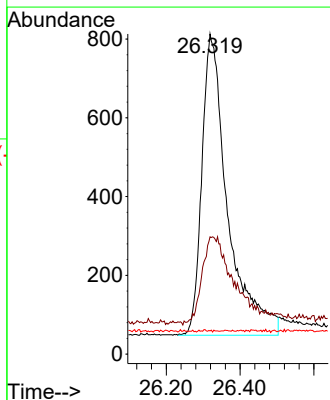
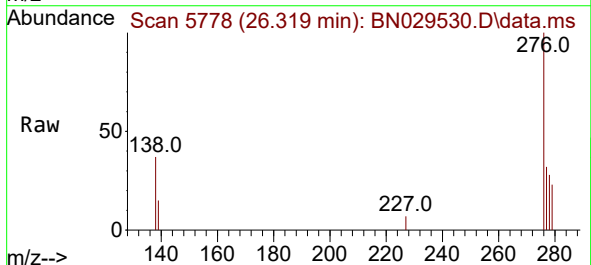
Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

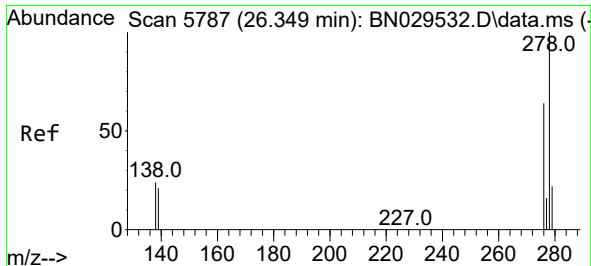
Tgt Ion:252 Resp: 3142
Ion Ratio Lower Upper
252 100
253 55.0 25.4 38.0#
125 31.1 16.0 24.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 26.319 min Scan# 5778
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:276 Resp: 3705
Ion Ratio Lower Upper
276 100
138 38.1 0.0 0.0#
227 0.1 0.0 0.0#

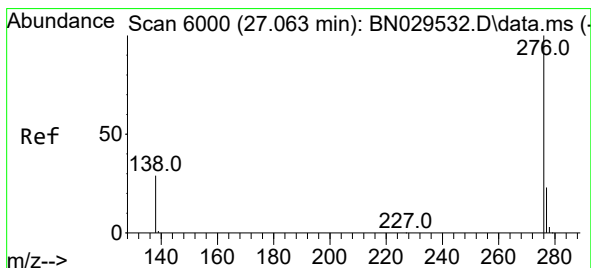
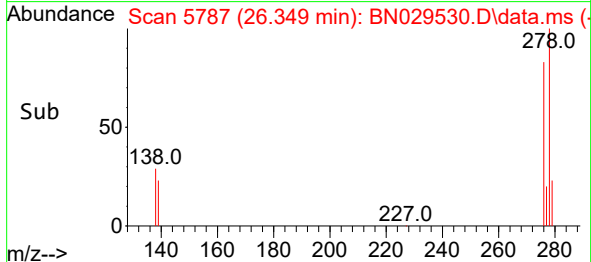
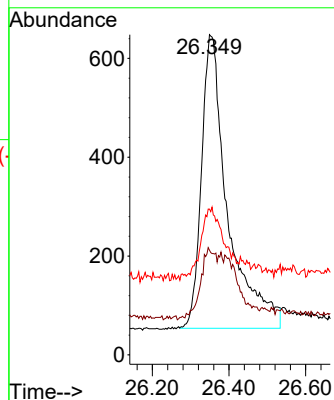
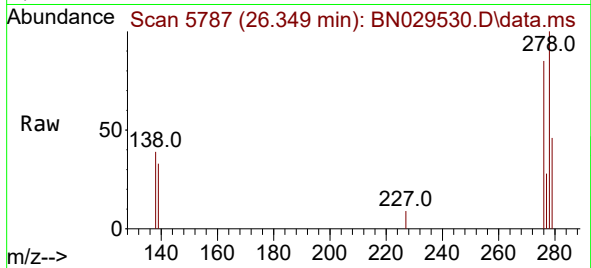




#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.349 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Instrument :
BNA_N
ClientSampleId :
SSTD0.1223

Tgt Ion:278 Resp: 2836
Ion Ratio Lower Upper
278 100
139 32.7 19.0 28.4#
279 45.5 22.6 34.0#



#29
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 27.073 min Scan# 6003
Delta R.T. 0.010 min
Lab File: BN029530.D
Acq: 06 Feb 2024 10:31

Tgt Ion:276 Resp: 3403
Ion Ratio Lower Upper
276 100
138 33.0 24.6 37.0
277 30.4 19.7 29.5#

