

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033034.D
 Acq On : 27 Jul 2024 15:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4286

Quant Time: Jul 28 22:58:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

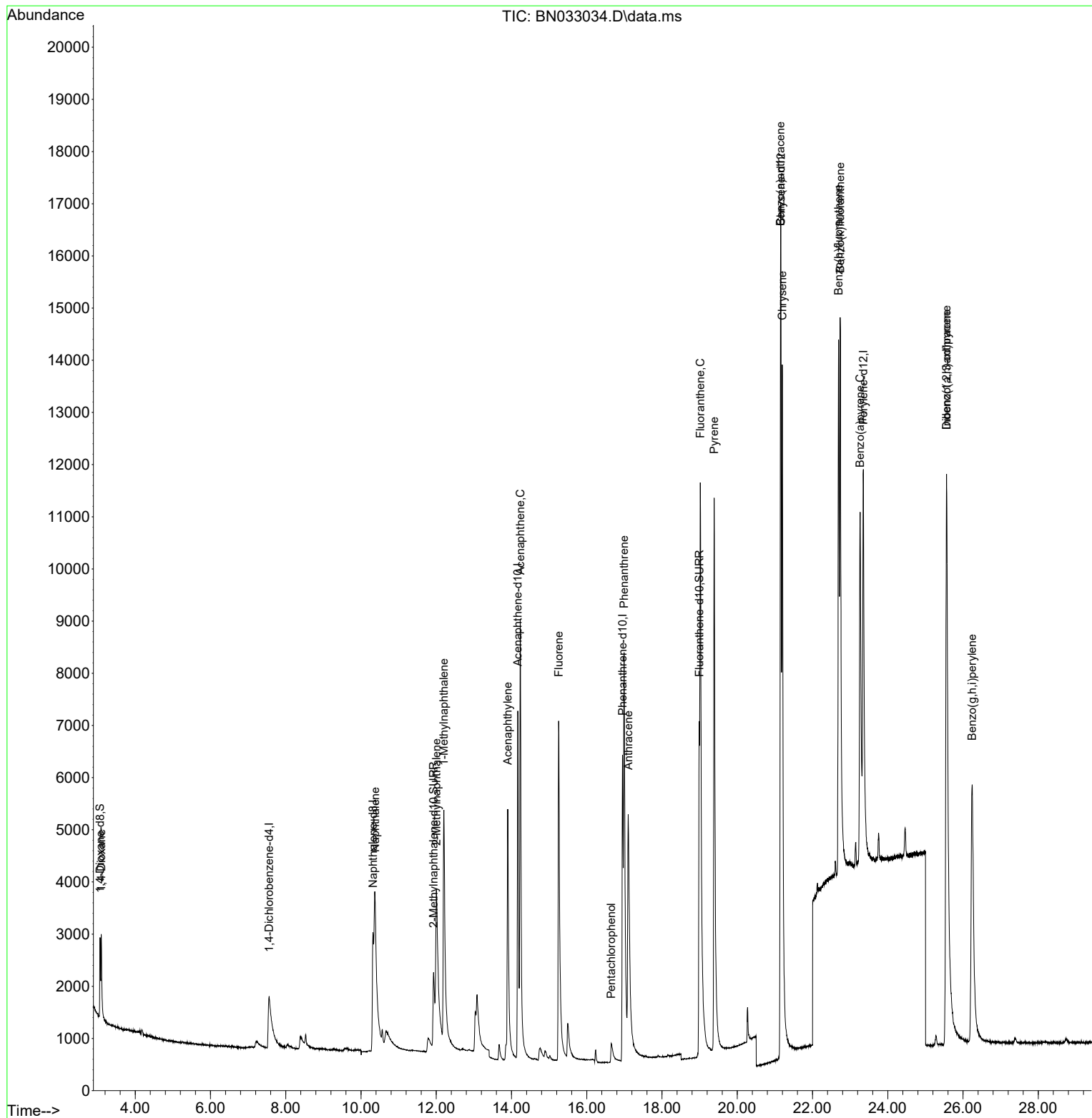
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	1921	0.400	ng/ul	0.03
4) Naphthalene-d8	10.317	136	8342	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.166	164	5718	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	12319	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	11571	0.400	ng/ul	# 0.00
23) Perylene-d12	23.349	264	13497	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	1227	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	5097	0.374	ng/ul	0.02
18) Fluoranthene-d10	18.991	212	13050	0.398	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.098	88	1267	0.457	ng/ul#	75
5) Naphthalene	10.372	128	8371	0.391	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	5205	0.359	ng/ul	97
8) 1-Methylnaphthalene	12.203	142	5880	0.375	ng/ul	100
10) Acenaphthylene	13.898	152	9223	0.394	ng/ul	99
11) Acenaphthene	14.231	153	7358	0.418	ng/ul	99
12) Fluorene	15.253	166	8032	0.392	ng/ul	100
14) Pentachlorophenol	16.650	266	662	0.264	ng/ul	97
15) Phenanthrene	16.992	178	12396	0.375	ng/ul	99
16) Anthracene	17.101	178	10474	0.353	ng/ul	99
19) Fluoranthene	19.019	202	15484	0.406	ng/ul	99
20) Pyrene	19.386	202	16110	0.394	ng/ul	98
21) Benzo(a)anthracene	21.148	228	13388	0.339	ng/ul	99
22) Chrysene	21.195	228	18301	0.397	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	14861	0.377	ng/ul	90
25) Benzo(k)fluoranthene	22.735	252	19733	0.418	ng/ul#	89
26) Benzo(a)pyrene	23.264	252	15740	0.424	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.560	276	18279	0.324	ng/ul	98
28) Dibenzo(a,h)anthracene	25.560	278	14645	0.327	ng/ul#	94
29) Benzo(g,h,i)perylene	26.241	276	15467	0.345	ng/ul	96

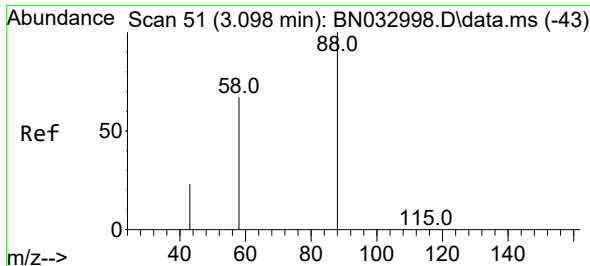
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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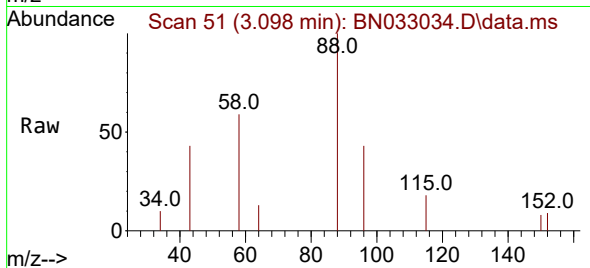
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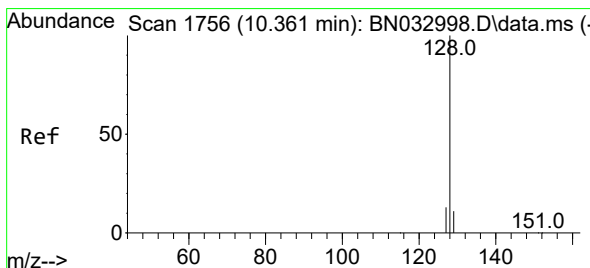
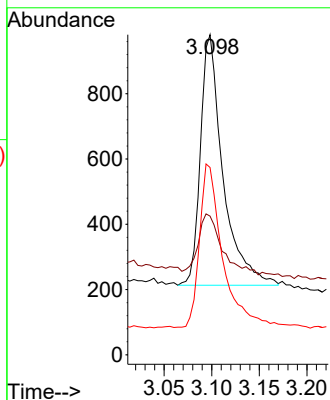
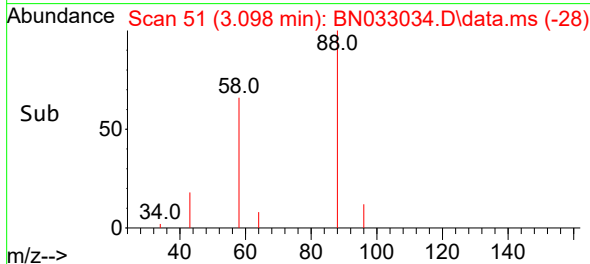


#2
1,4-Dioxane
Concen: 0.457 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

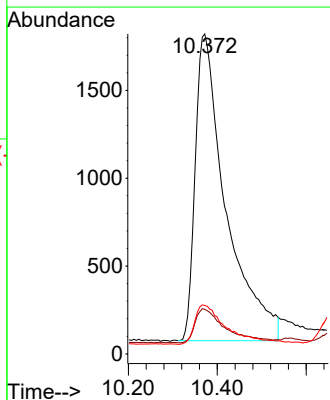
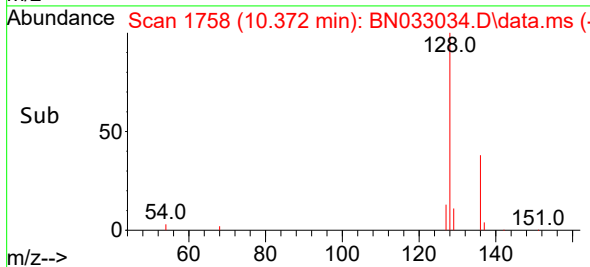
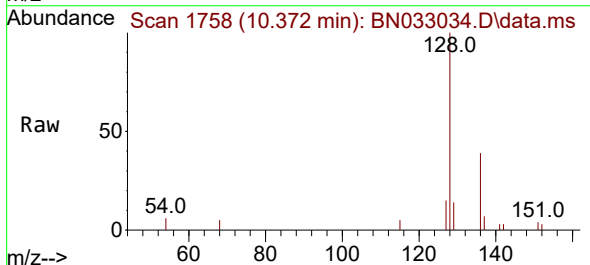


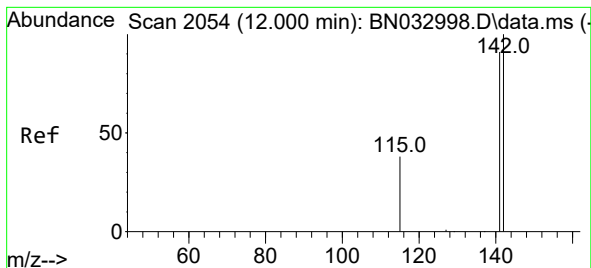
Tgt Ion: 88 Resp: 1267
Ion Ratio Lower Upper
88 100
43 43.3 63.4 95.2#
58 58.5 49.4 74.0



#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. 0.022 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion: 128 Resp: 8371
Ion Ratio Lower Upper
128 100
129 13.9 12.0 18.0
127 15.2 12.7 19.1

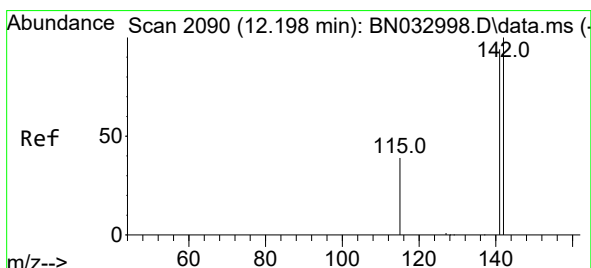
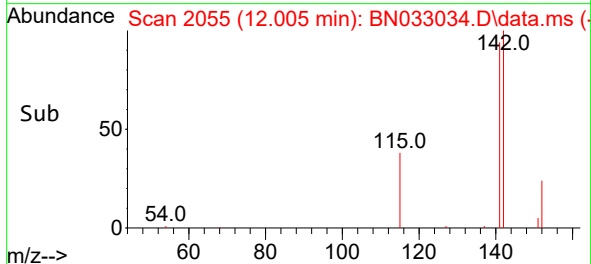
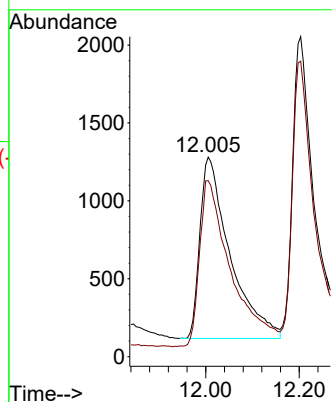
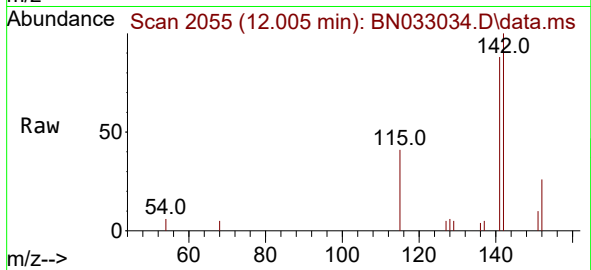




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. 0.022 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

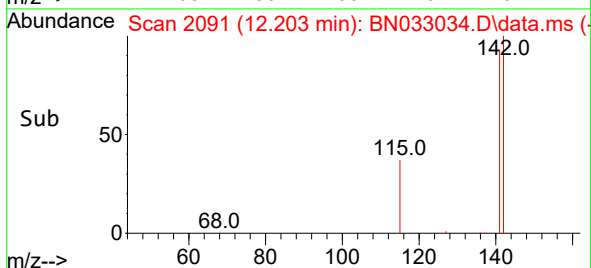
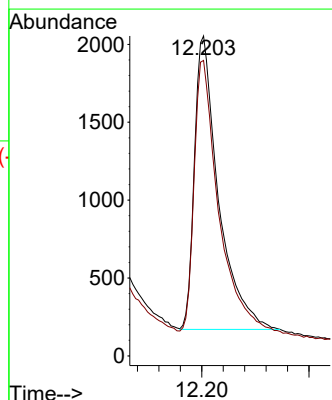
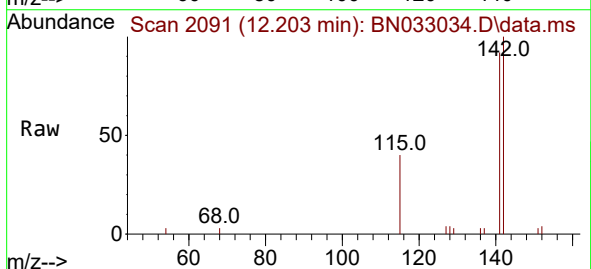
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

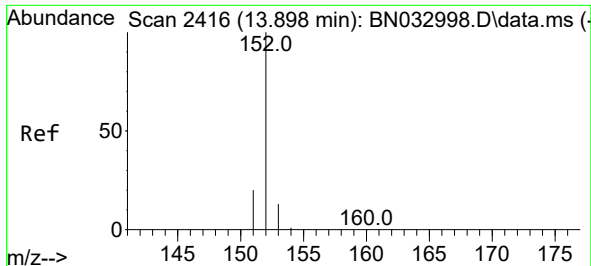
Tgt Ion:142 Resp: 5205
Ion Ratio Lower Upper
142 100
141 97.0 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.375 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:142 Resp: 5880
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

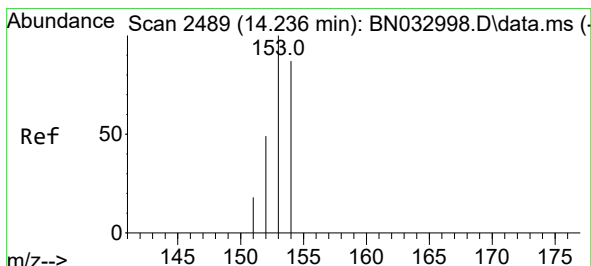
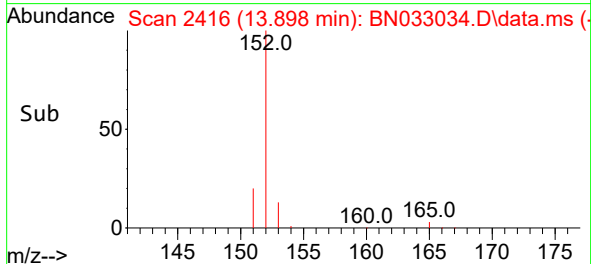
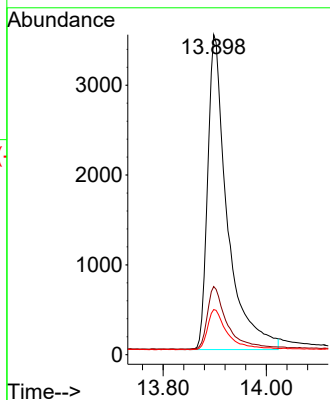
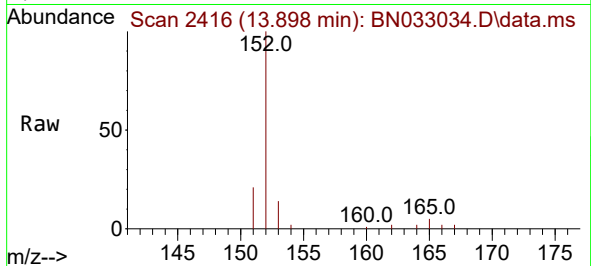




#10
Acenaphthylene
Concen: 0.394 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

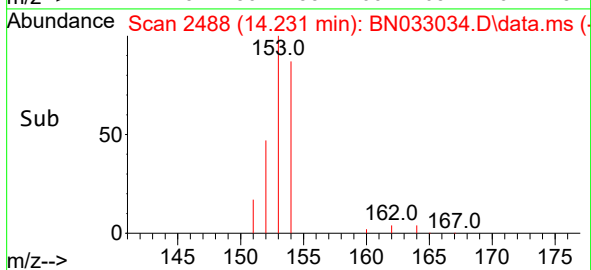
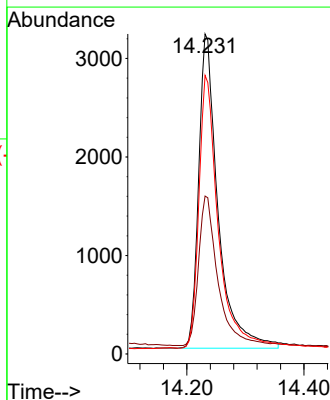
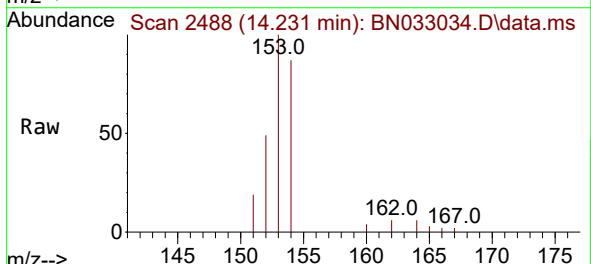
Instrument :
BNA_N
ClientSampleId :
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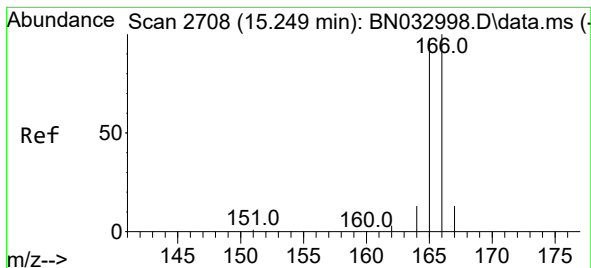
Tgt Ion:152 Resp: 9223
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 14.1 11.9 17.9



#11
Acenaphthene
Concen: 0.418 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:153 Resp: 7358
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 87.1 70.1 105.1





#12

Fluorene

Concen: 0.392 ng/ul

RT: 15.253 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN033034.D

Acq: 27 Jul 2024 15:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4286

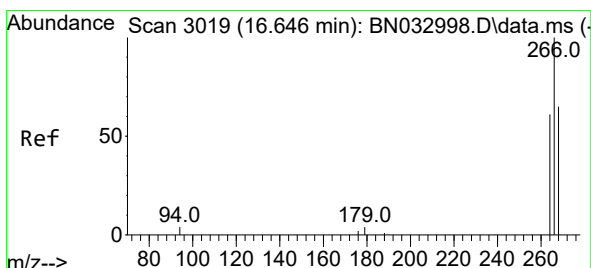
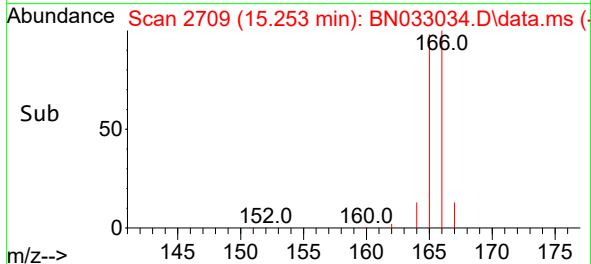
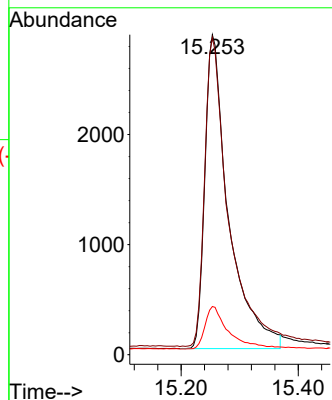
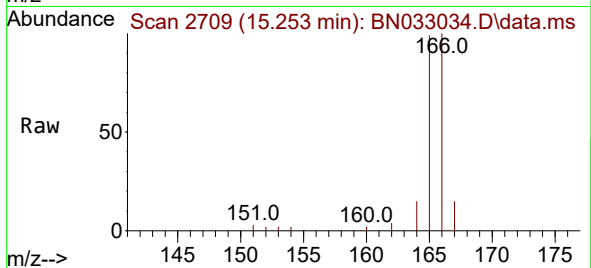
Tgt Ion:166 Resp: 8032

Ion Ratio Lower Upper

166 100

165 99.2 79.6 119.4

167 15.1 12.2 18.4



#14

Pentachlorophenol

Concen: 0.264 ng/ul

RT: 16.650 min Scan# 3020

Delta R.T. 0.013 min

Lab File: BN033034.D

Acq: 27 Jul 2024 15:19

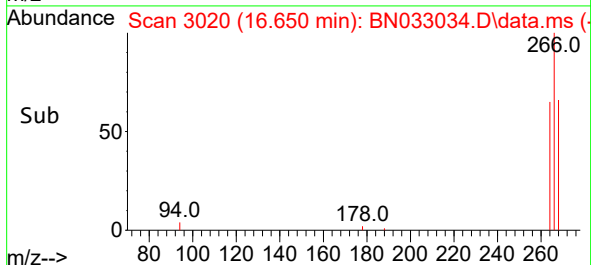
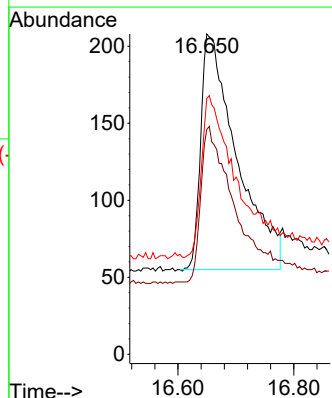
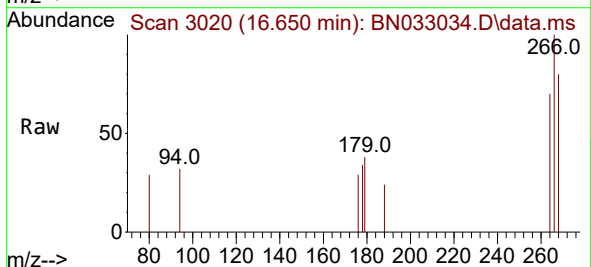
Tgt Ion:266 Resp: 662

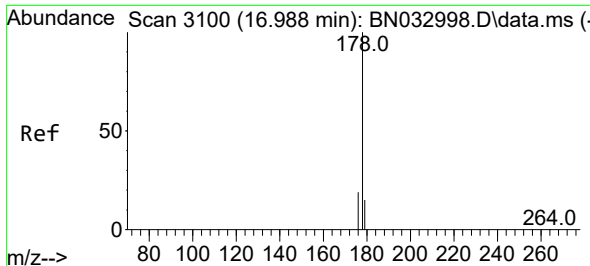
Ion Ratio Lower Upper

266 100

264 64.4 49.3 73.9

268 67.2 51.8 77.8

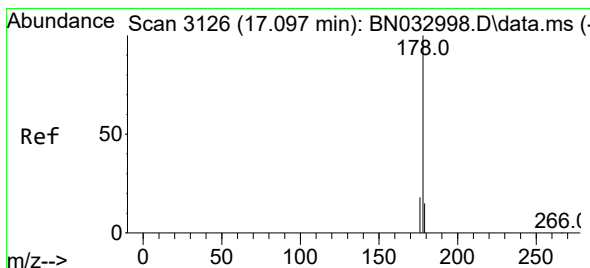
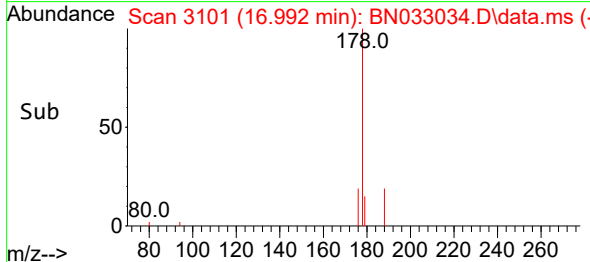
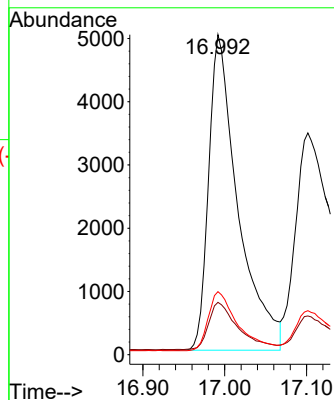
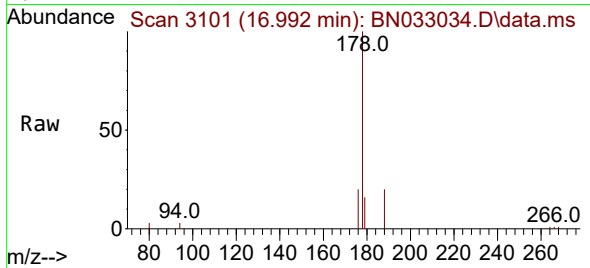




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

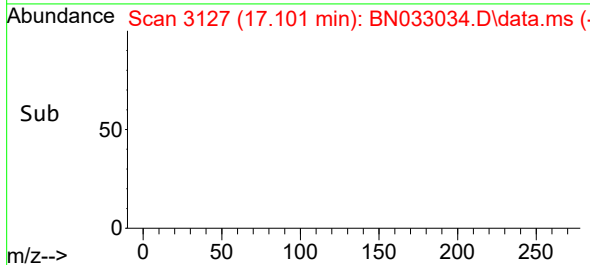
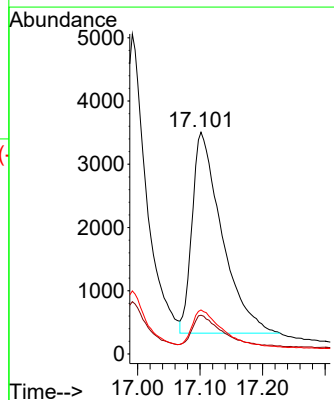
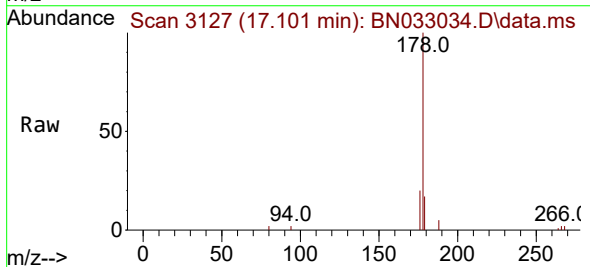
Instrument :
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ClientSampleId :
SSTD0.4286

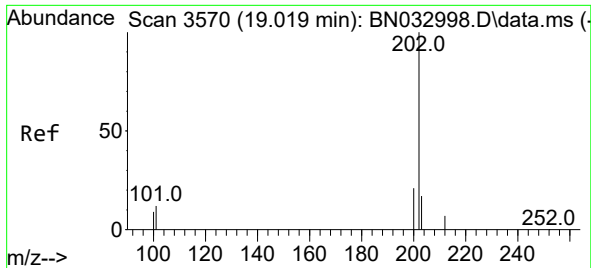
Tgt Ion:178 Resp: 12396
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 19.7 15.9 23.9



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.101 min Scan# 3127
Delta R.T. 0.017 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:178 Resp: 10474
Ion Ratio Lower Upper
178 100
179 17.4 14.3 21.5
176 19.8 15.8 23.8

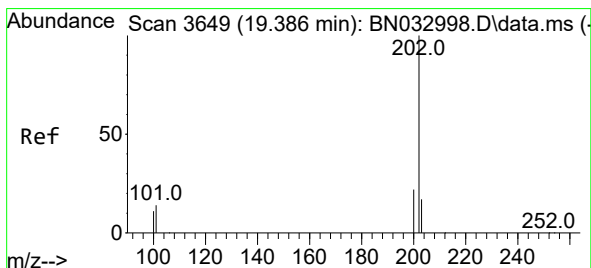
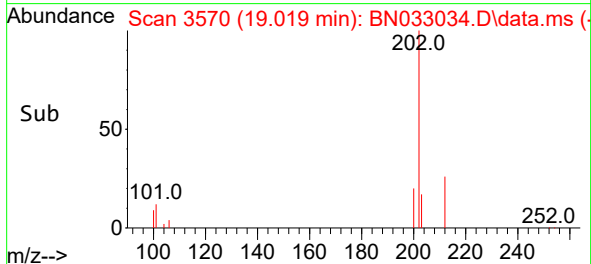
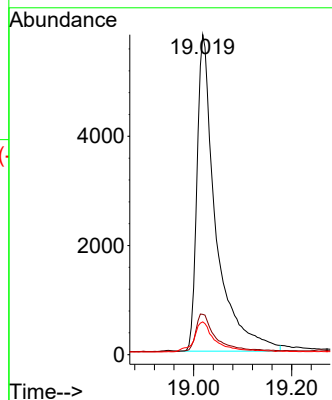
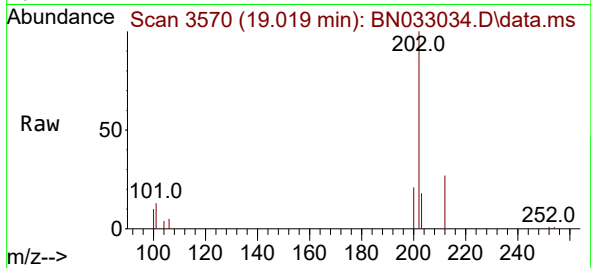




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.019 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

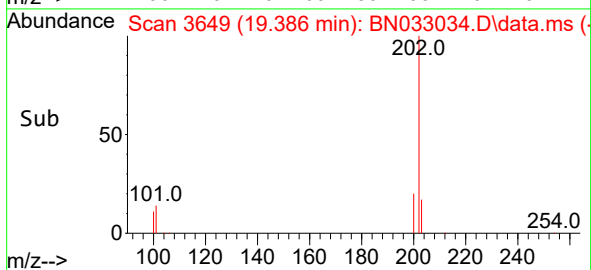
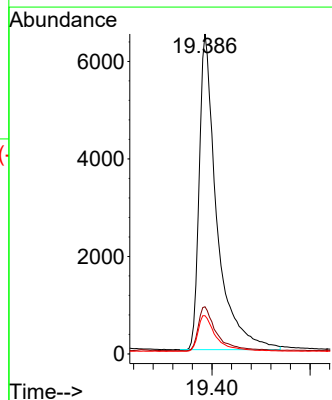
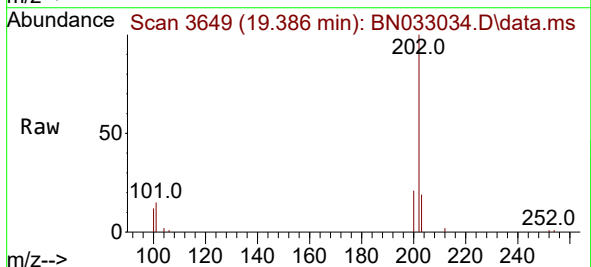
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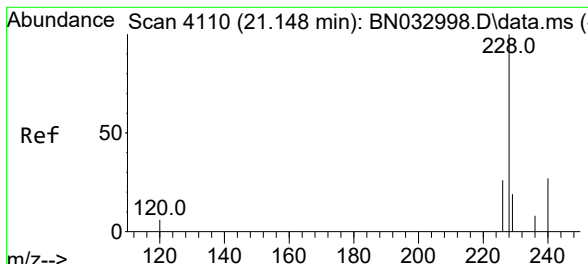
Tgt Ion:202 Resp: 15484
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 10.2 8.3 12.5



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.386 min Scan# 3649
Delta R.T. 0.005 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:202 Resp: 16110
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.9 9.9 14.9

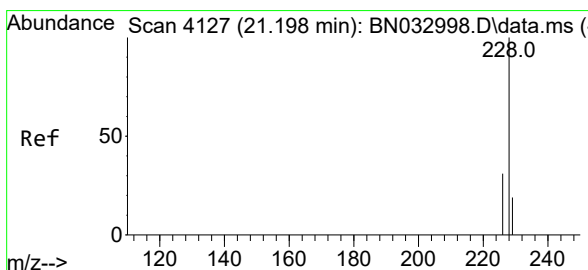
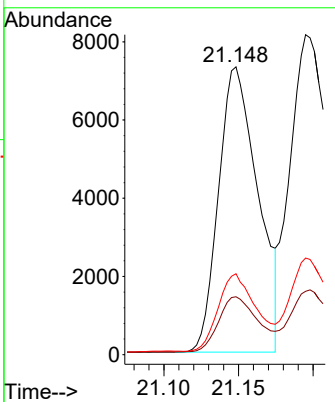
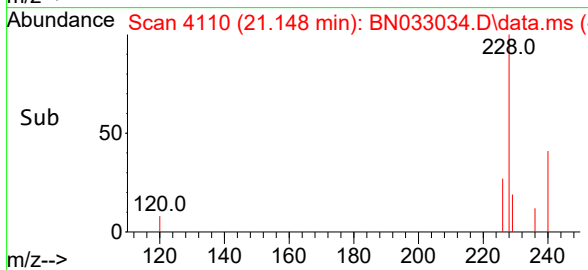
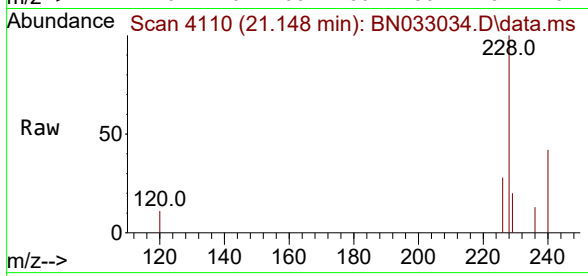




#21
 Benzo(a)anthracene
 Concen: 0.339 ng/ul
 RT: 21.148 min Scan# 4110
 Delta R.T. 0.003 min
 Lab File: BN033034.D
 Acq: 27 Jul 2024 15:19

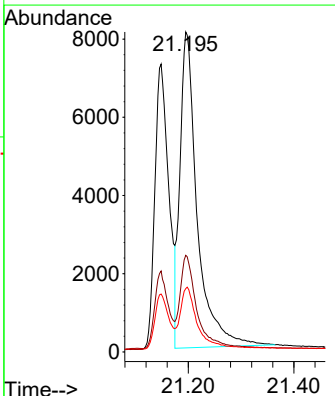
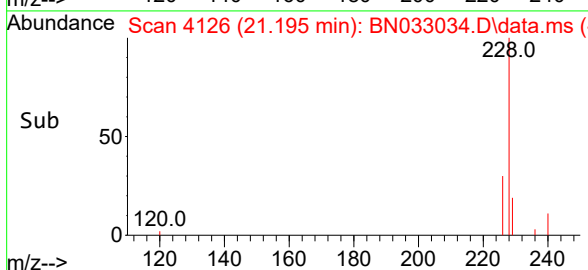
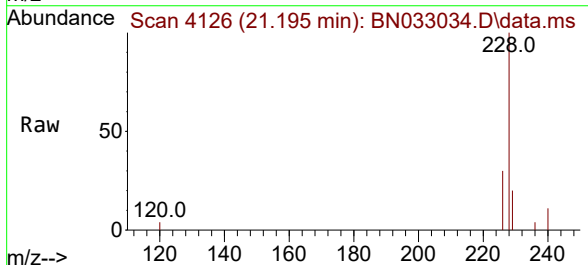
Instrument :
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 ClientSampleId :
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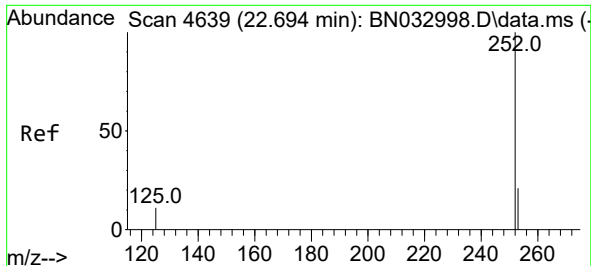
Tgt Ion:	228	Resp:	13388
Ion Ratio	Lower	Upper	
228	100		
229	20.2	17.1	25.7
226	28.1	22.4	33.6



#22
 Chrysene
 Concen: 0.397 ng/ul
 RT: 21.195 min Scan# 4126
 Delta R.T. 0.000 min
 Lab File: BN033034.D
 Acq: 27 Jul 2024 15:19

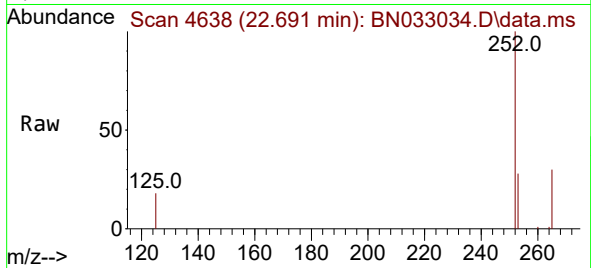
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Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	19.8	17.0	25.6



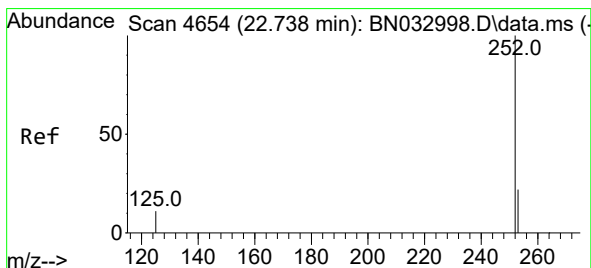
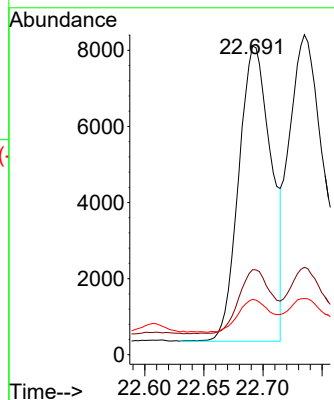


#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.003 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

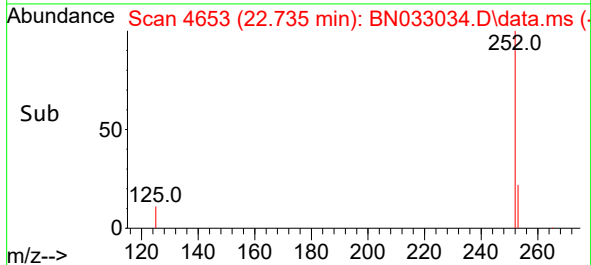
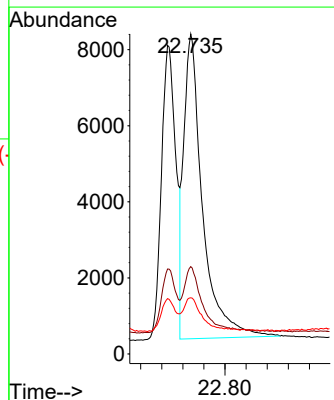
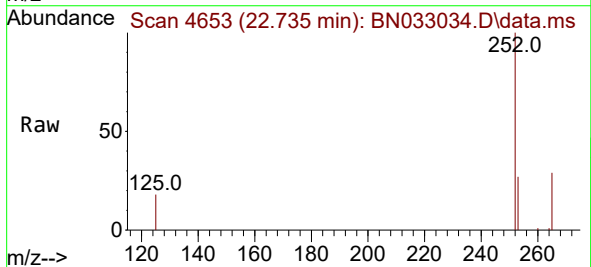


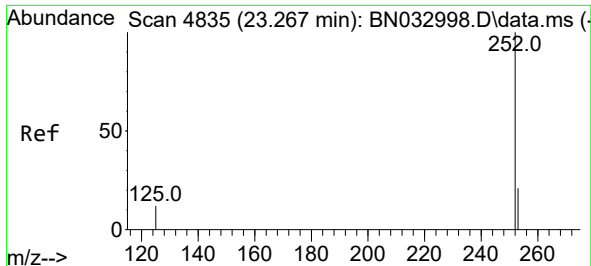
Tgt Ion:252 Resp: 14861
Ion Ratio Lower Upper
252 100
253 27.5 0.0 60.6
125 17.9 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.735 min Scan# 4653
Delta R.T. 0.000 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:252 Resp: 19733
Ion Ratio Lower Upper
252 100
253 27.3 24.9 37.3
125 17.5 20.9 31.3#

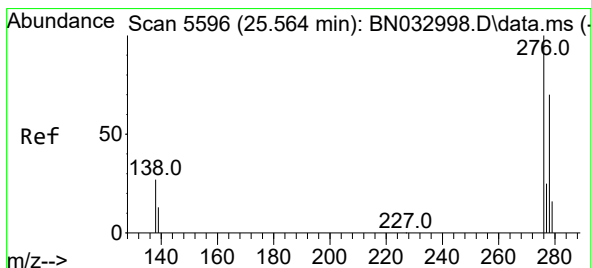
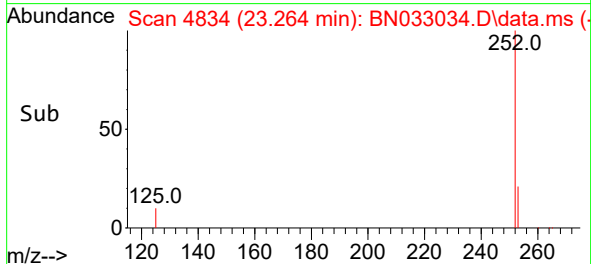
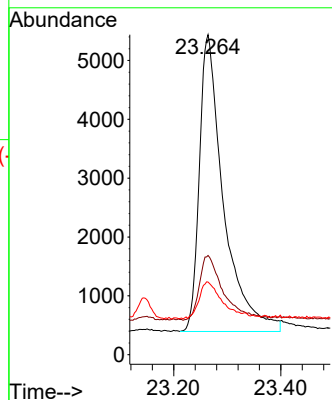
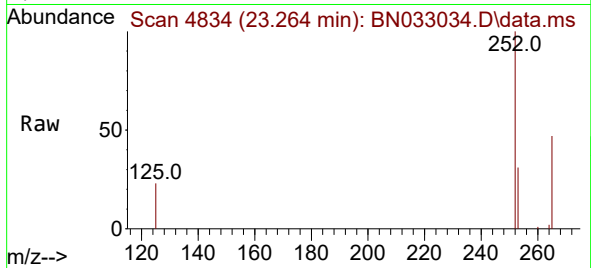




#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.264 min Scan# 4834
Delta R.T. 0.003 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

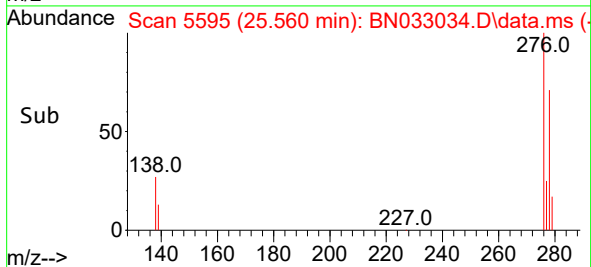
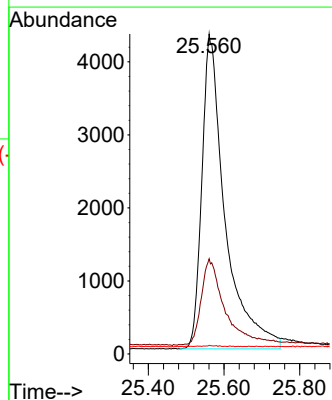
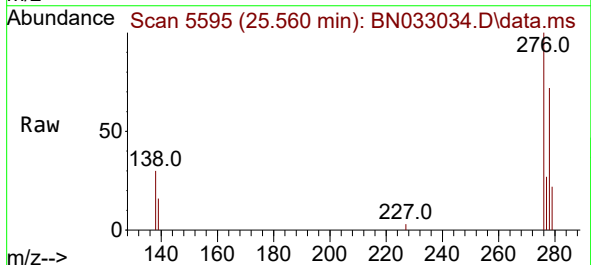
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

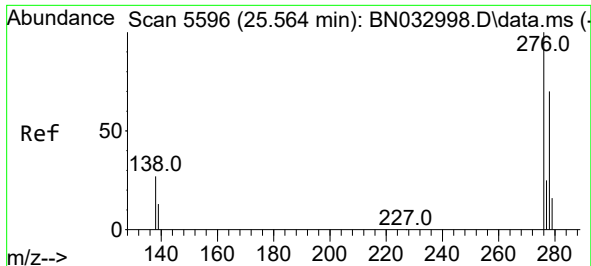
Tgt Ion:252 Resp: 15740
Ion Ratio Lower Upper
252 100
253 31.0 27.5 41.3
125 22.7 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.324 ng/ul
RT: 25.560 min Scan# 5595
Delta R.T. 0.000 min
Lab File: BN033034.D
Acq: 27 Jul 2024 15:19

Tgt Ion:276 Resp: 18279
Ion Ratio Lower Upper
276 100
138 28.2 21.8 32.8
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.327 ng/ul

RT: 25.560 min Scan# 51

Delta R.T. 0.000 min

Lab File: BN033034.D

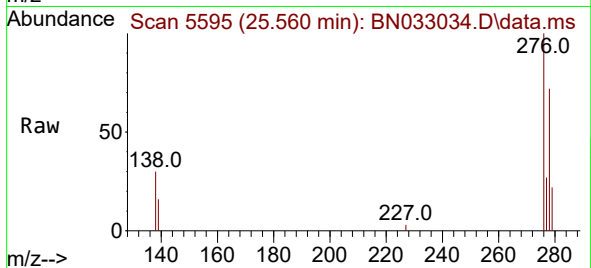
Acq: 27 Jul 2024 15:19

Instrument :

BNA_N

ClientSampleId :

SSTD0.4286



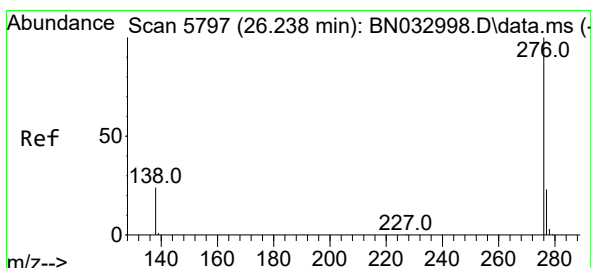
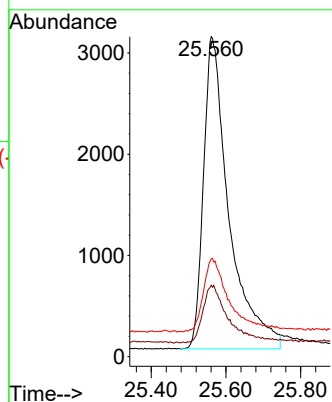
Tgt Ion:278 Resp: 14645

Ion Ratio Lower Upper

278 100

139 22.3 22.5 33.7#

279 30.6 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.345 ng/ul

RT: 26.241 min Scan# 5798

Delta R.T. 0.000 min

Lab File: BN033034.D

Acq: 27 Jul 2024 15:19

Tgt Ion:276 Resp: 15467

Ion Ratio Lower Upper

276 100

138 27.9 24.6 37.0

277 26.6 22.6 34.0

