

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034783.D
 Acq On : 01 Nov 2024 02:06
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4322

Quant Time: Nov 03 23:24:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

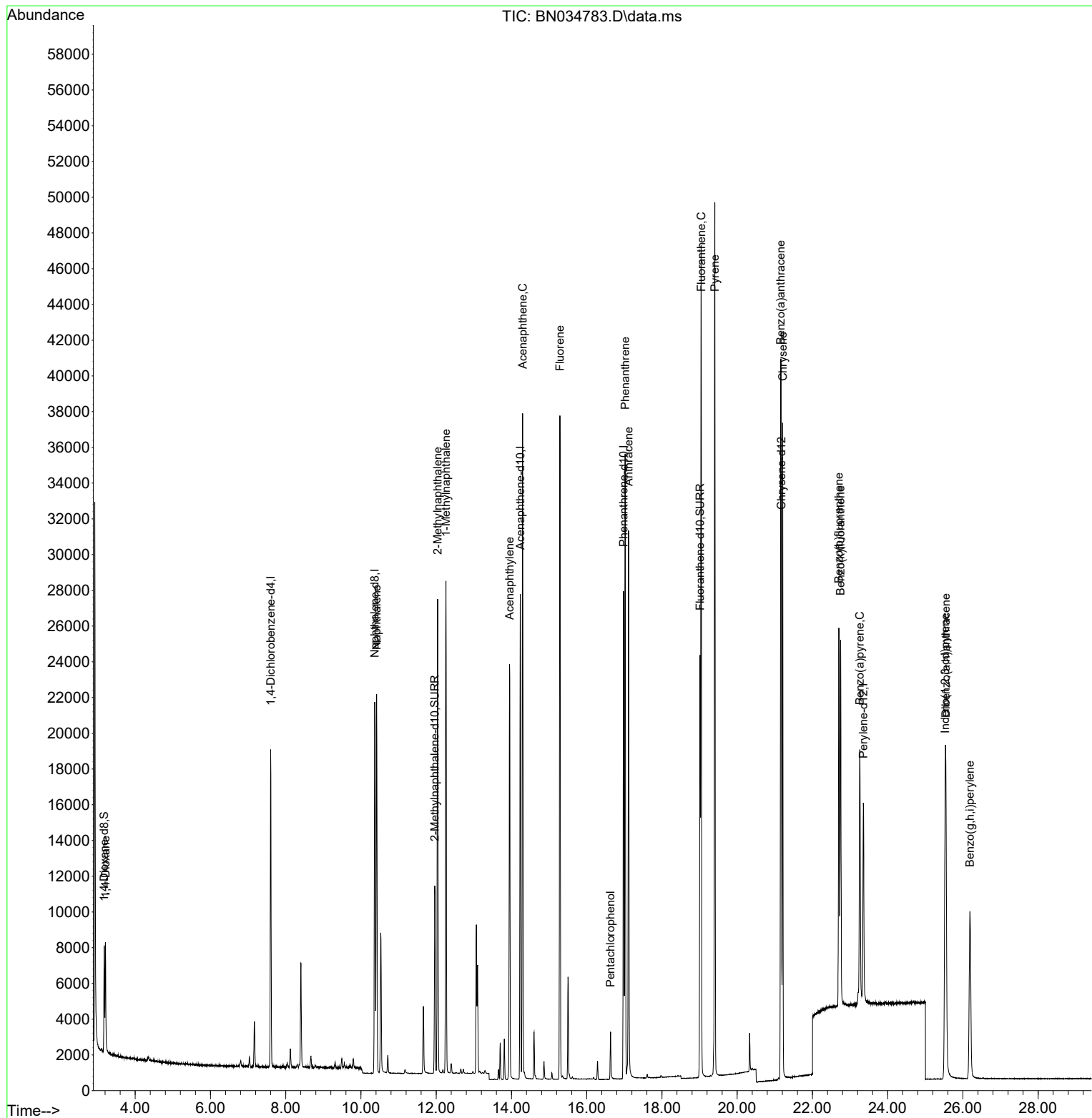
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	8571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	26236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	14401	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	29052	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	18413	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	14209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	3638	0.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	13332	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	24358	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.208	88	4043	0.415	ng/ul#	88
5) Naphthalene	10.416	128	28210	0.406	ng/ul	100
7) 2-Methylnaphthalene	12.038	142	18443	0.408	ng/ul	99
8) 1-Methylnaphthalene	12.258	142	18712	0.407	ng/ul	99
10) Acenaphthylene	13.949	152	25994	0.397	ng/ul	99
11) Acenaphthene	14.296	153	20247	0.404	ng/ul	99
12) Fluorene	15.286	166	22396	0.401	ng/ul	100
14) Pentachlorophenol	16.633	266	1782	0.311	ng/ul	99
15) Phenanthrene	17.021	178	35869	0.408	ng/ul	100
16) Anthracene	17.110	178	32278	0.397	ng/ul	100
19) Fluoranthene	19.042	202	36828	0.412	ng/ul	99
20) Pyrene	19.404	202	37890	0.407	ng/ul	99
21) Benzo(a)anthracene	21.157	228	29075	0.395	ng/ul	100
22) Chrysene	21.210	228	29929	0.406	ng/ul	99
24) Benzo(b)fluoranthene	22.703	252	24735	0.428	ng/ul	100
25) Benzo(k)fluoranthene	22.747	252	24456	0.419	ng/ul	100
26) Benzo(a)pyrene	23.258	252	20231	0.406	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.527	276	22104	0.417	ng/ul	99
28) Dibenzo(a,h)anthracene	25.544	278	17049	0.425	ng/ul	99
29) Benzo(g,h,i)perylene	26.188	276	17606	0.423	ng/ul	99

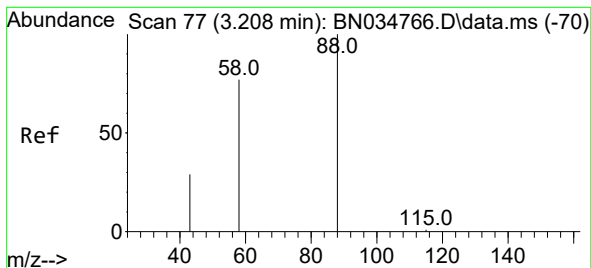
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.415 ng/ul

RT: 3.208 min Scan# 71

Delta R.T. -0.000 min

Lab File: BN034783.D

Acq: 01 Nov 2024 02:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.4322

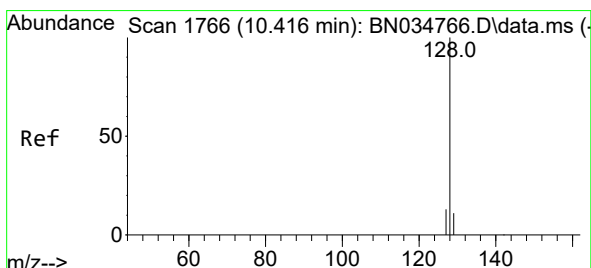
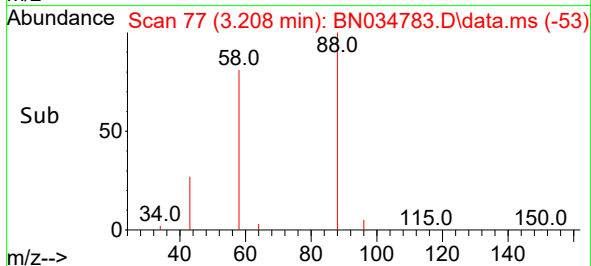
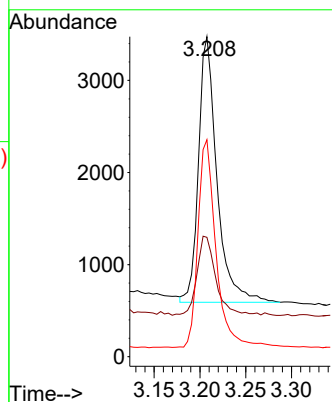
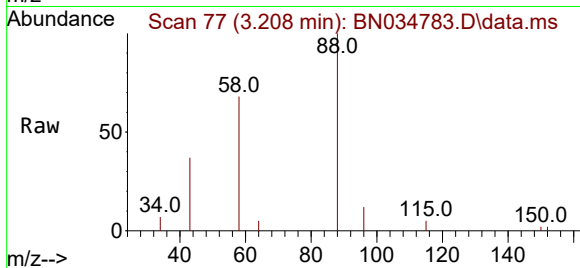
Tgt Ion: 88 Resp: 4043

Ion Ratio Lower Upper

88 100

43 37.3 41.9 62.9#

58 67.8 57.5 86.3



#5

Naphthalene

Concen: 0.406 ng/ul

RT: 10.416 min Scan# 1766

Delta R.T. -0.006 min

Lab File: BN034783.D

Acq: 01 Nov 2024 02:06

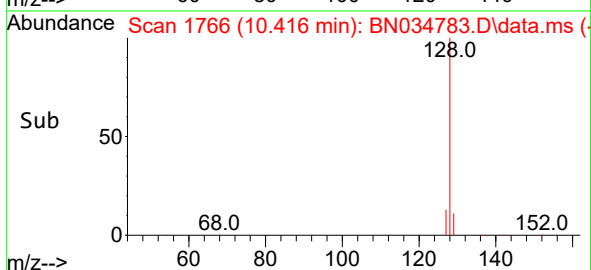
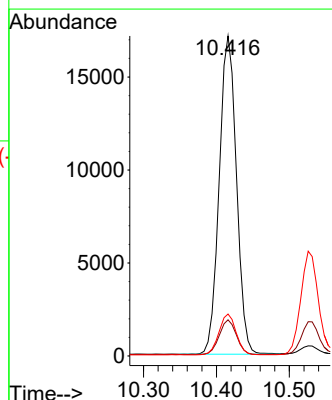
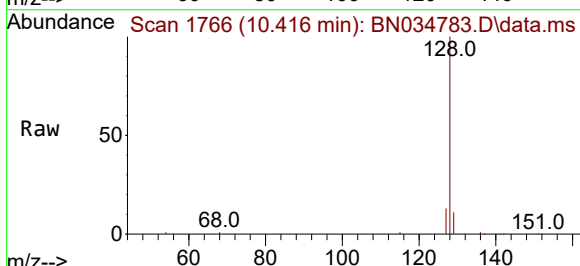
Tgt Ion:128 Resp: 28210

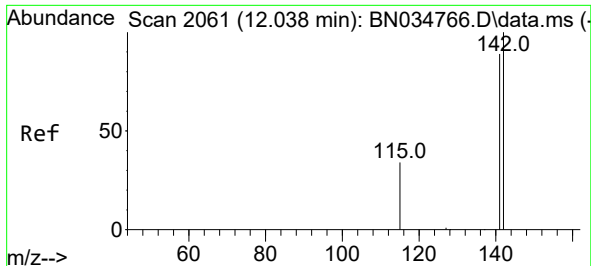
Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.1 10.5 15.7

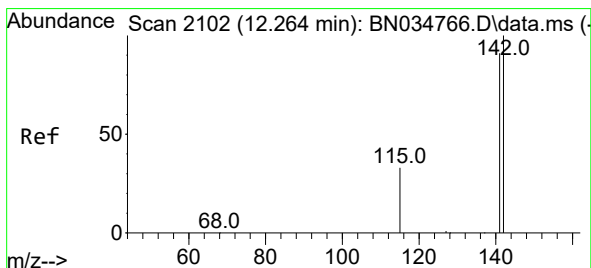
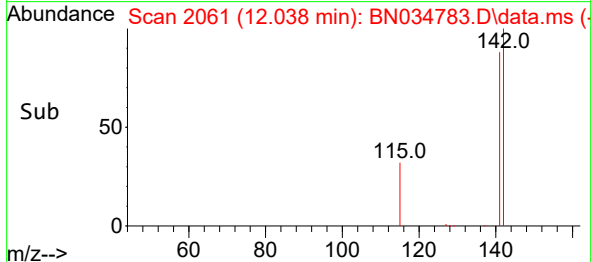
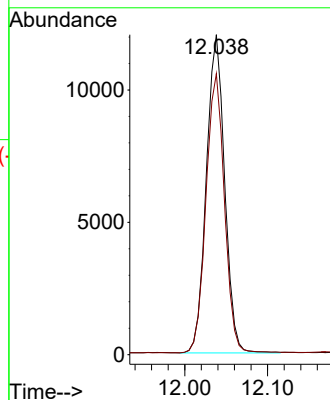
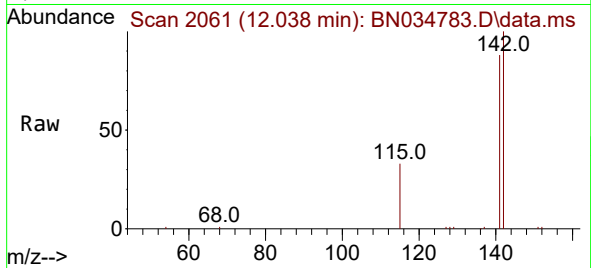




#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.038 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

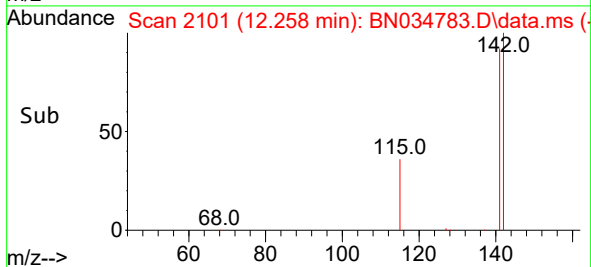
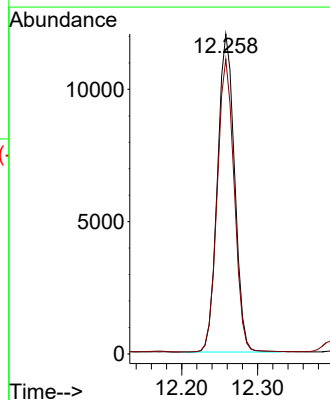
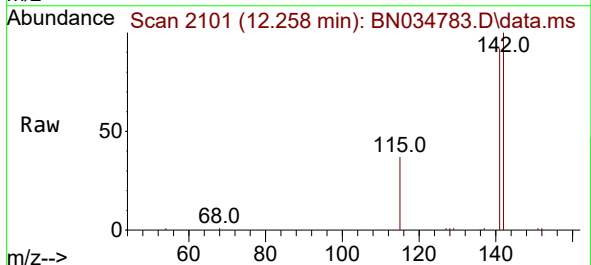
Instrument :
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SSTD0.4322

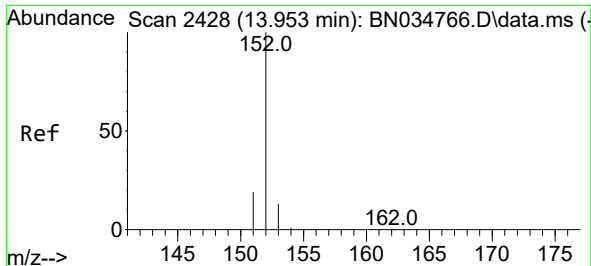
Tgt Ion:142 Resp: 18443
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.258 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:142 Resp: 18712
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

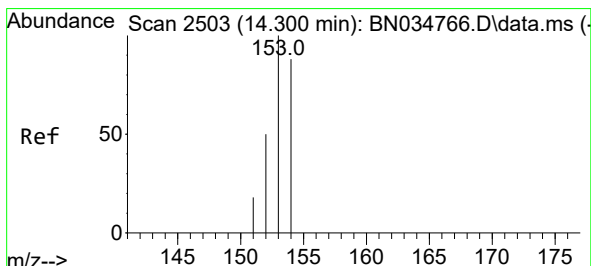
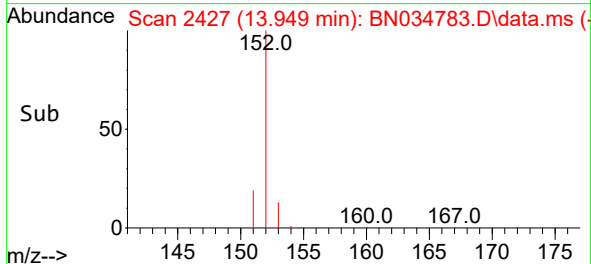
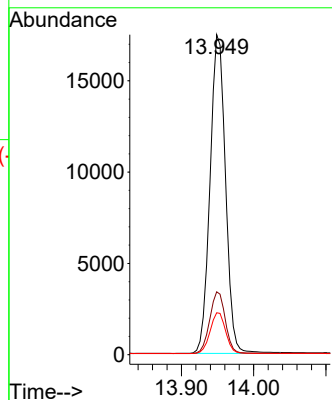
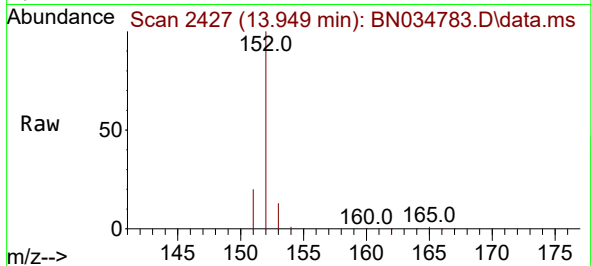




#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 13.949 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

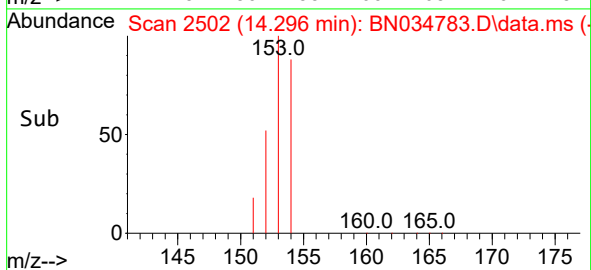
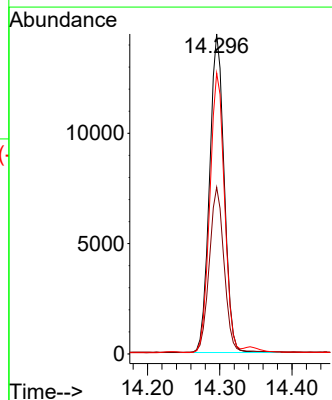
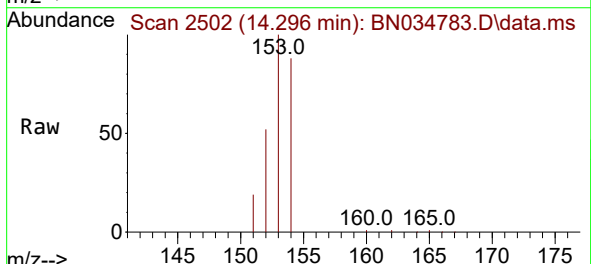
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

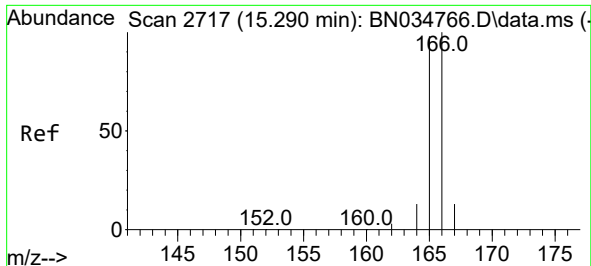
Tgt Ion:152 Resp: 25994
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.7 16.1



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:153 Resp: 20247
Ion Ratio Lower Upper
153 100
152 52.1 40.3 60.5
154 87.8 69.9 104.9

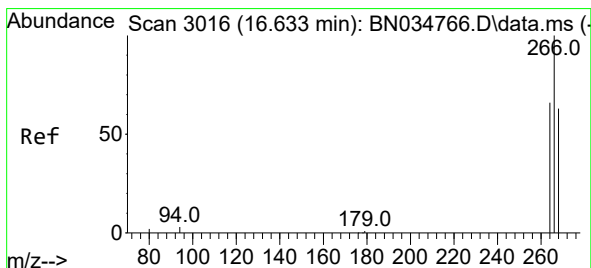
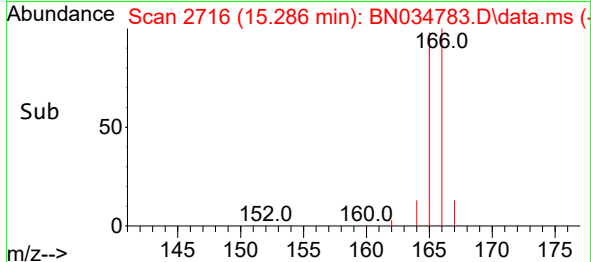
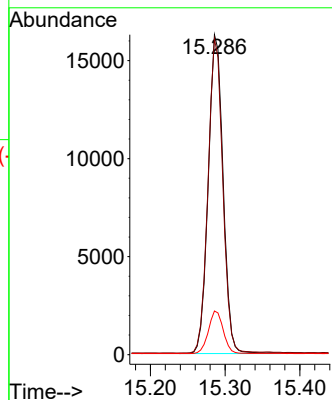
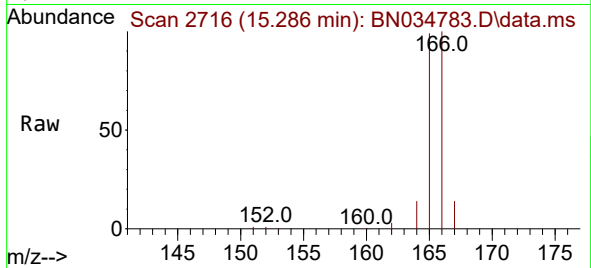




#12
 Fluorene
 Concen: 0.401 ng/ul
 RT: 15.286 min Scan# 2716
 Delta R.T. -0.005 min
 Lab File: BN034783.D
 Acq: 01 Nov 2024 02:06

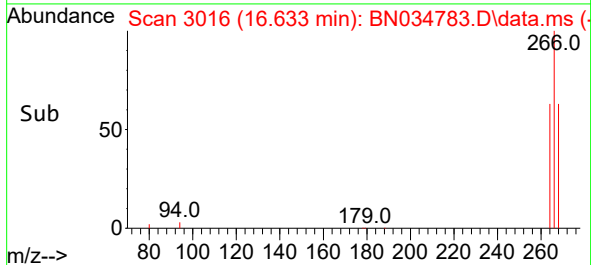
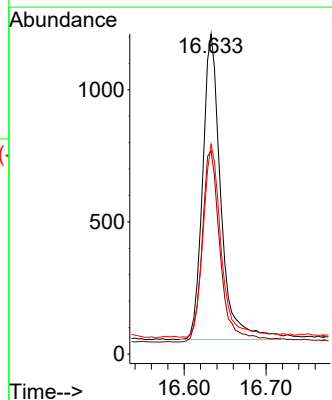
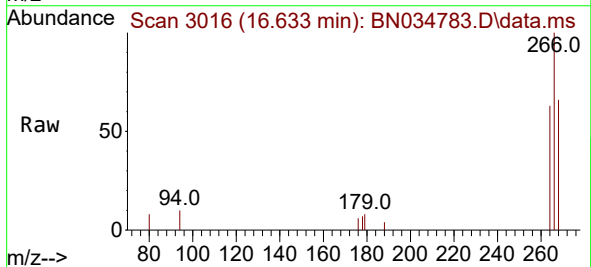
Instrument :
 BNA_N
 ClientSampleId :
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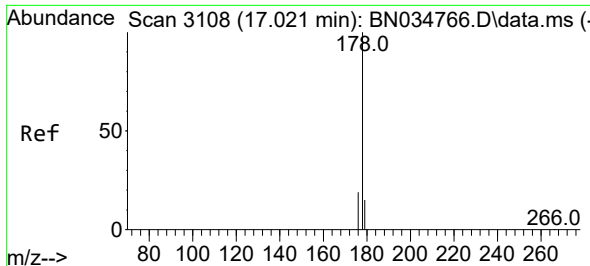
Tgt Ion:166 Resp: 22396
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.1 118.7
 167 13.6 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.311 ng/ul
 RT: 16.633 min Scan# 3016
 Delta R.T. -0.004 min
 Lab File: BN034783.D
 Acq: 01 Nov 2024 02:06

Tgt Ion:266 Resp: 1782
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.1 75.1
 268 63.3 52.0 78.0

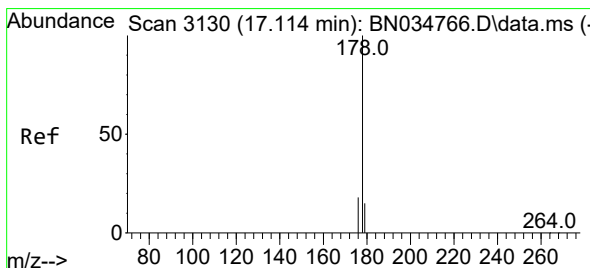
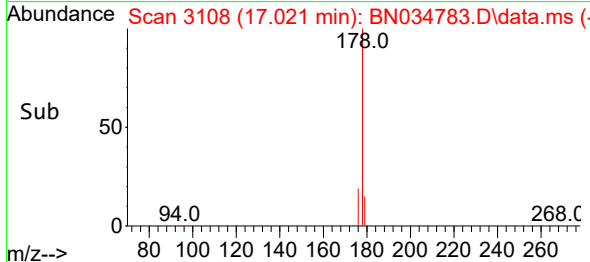
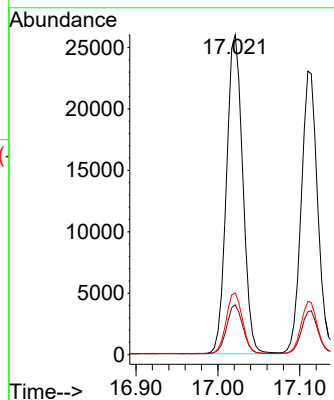
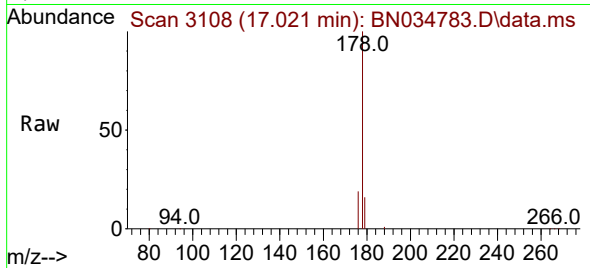




#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

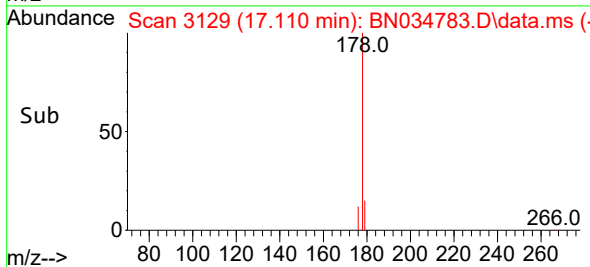
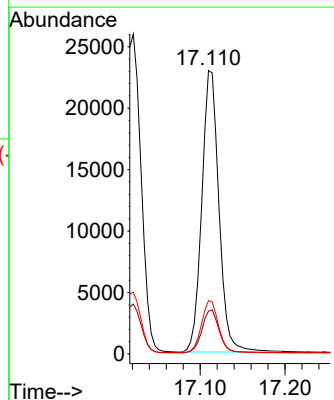
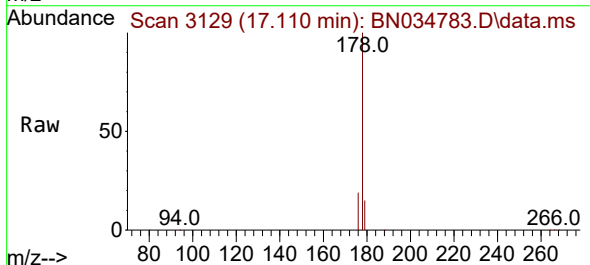
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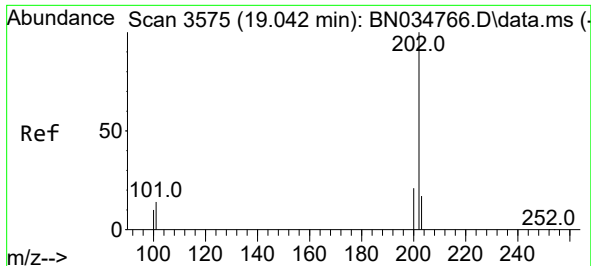
Tgt Ion:178 Resp: 35869
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.3 15.4 23.0



#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:178 Resp: 32278
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 18.8 15.1 22.7

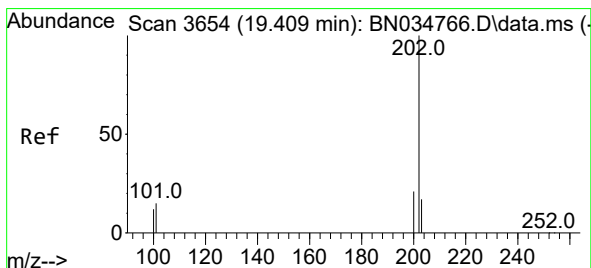
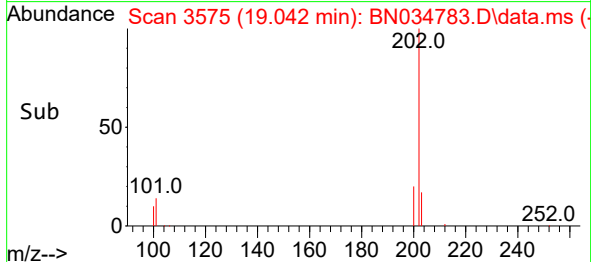
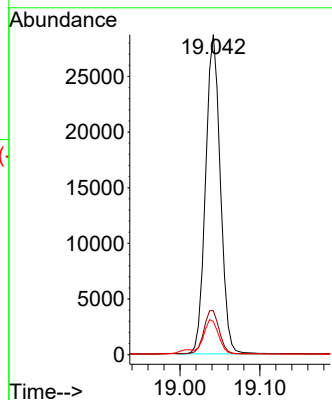
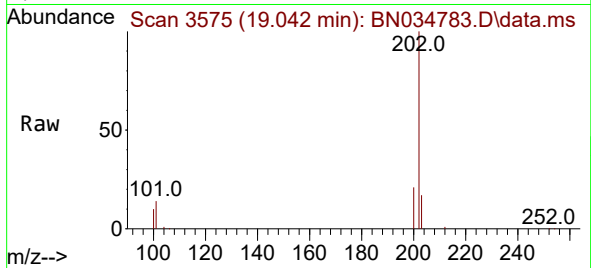




#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

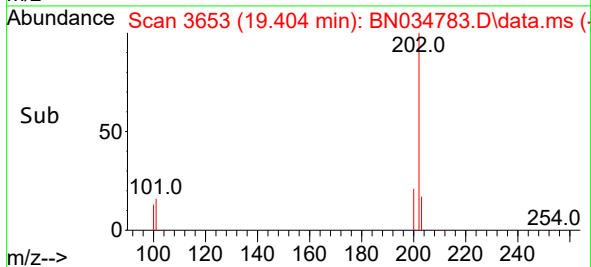
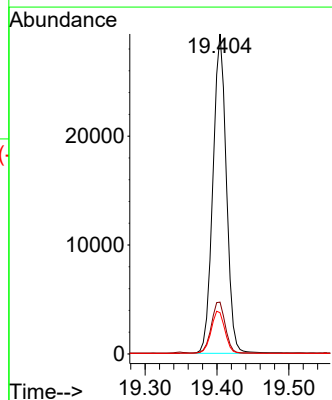
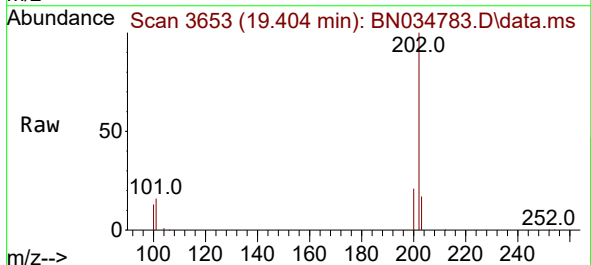
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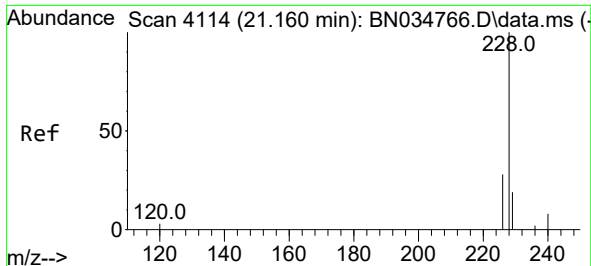
Tgt Ion:202 Resp: 36828
Ion Ratio Lower Upper
202 100
101 13.8 10.8 16.2
100 10.4 8.2 12.2



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:202 Resp: 37890
Ion Ratio Lower Upper
202 100
101 16.2 12.4 18.6
100 12.9 10.0 15.0

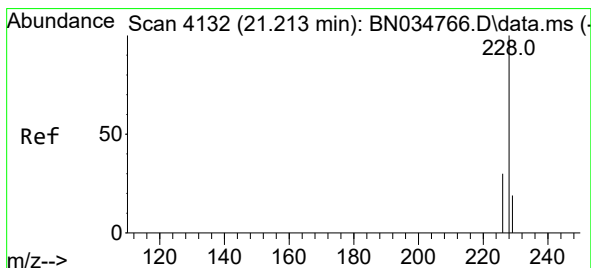
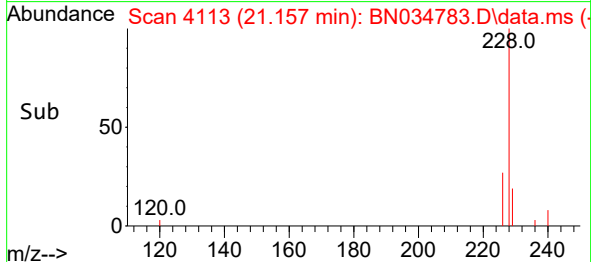
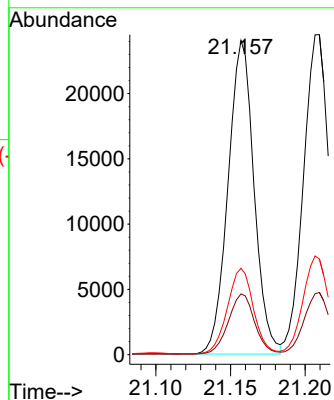
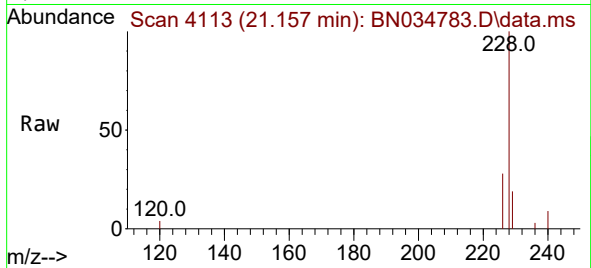




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

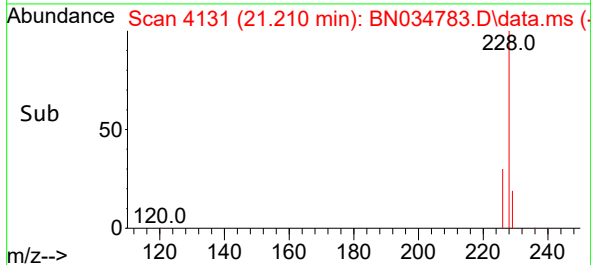
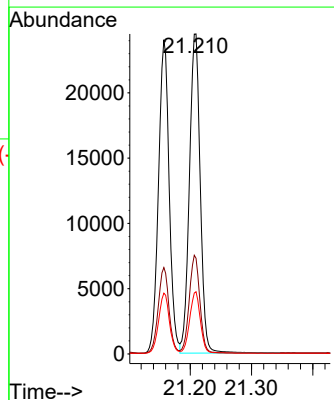
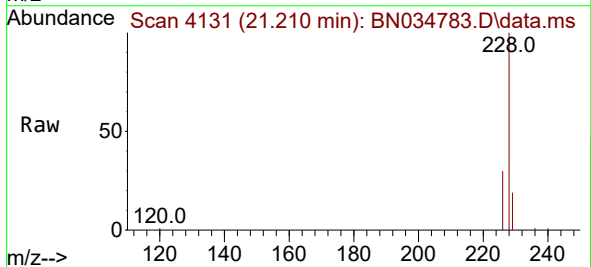
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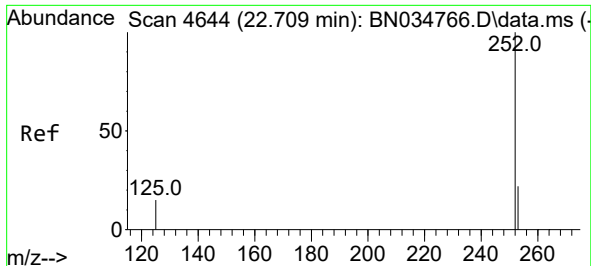
Tgt Ion:228 Resp: 29075
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.210 min Scan# 4131
Delta R.T. -0.003 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

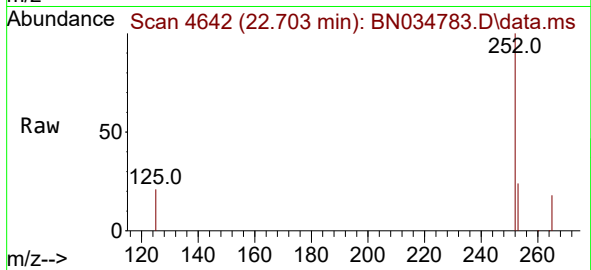
Tgt Ion:228 Resp: 29929
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.5 15.6 23.4



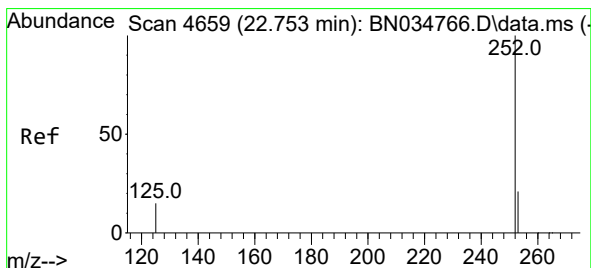
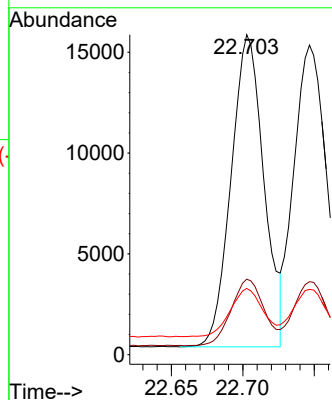


#24
Benzo(b)fluoranthene
Concen: 0.428 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

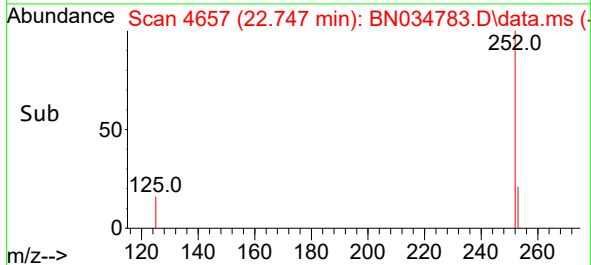
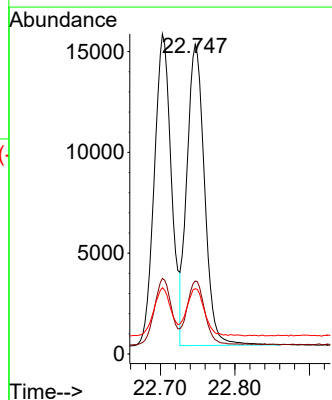
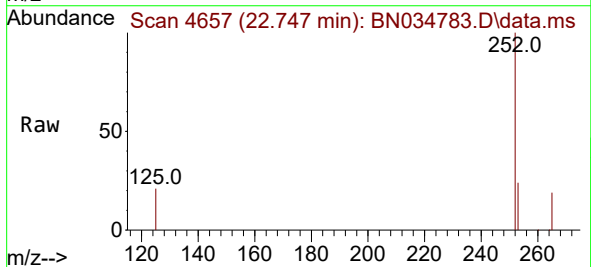


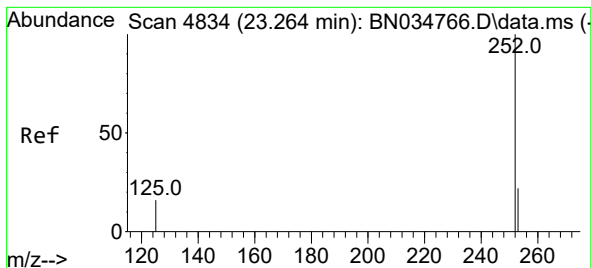
Tgt Ion:252 Resp: 24735
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.6
125 20.7 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:252 Resp: 24456
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 21.1 17.0 25.4





#26

Benzo(a)pyrene

Concen: 0.406 ng/ul

RT: 23.258 min Scan# 4832

Delta R.T. -0.006 min

Lab File: BN034783.D

Acq: 01 Nov 2024 02:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.4322

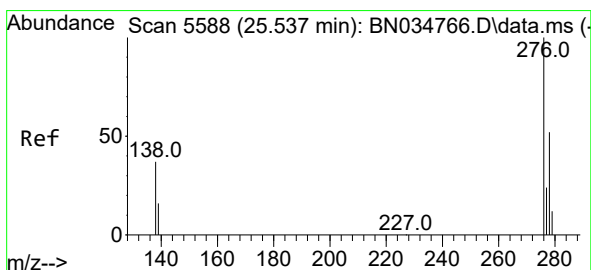
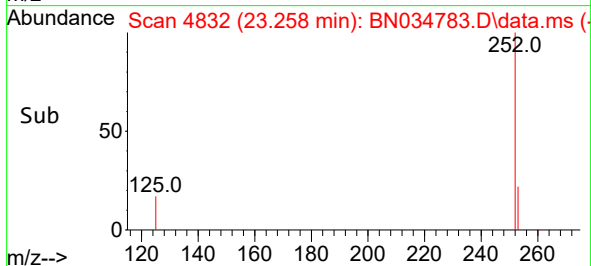
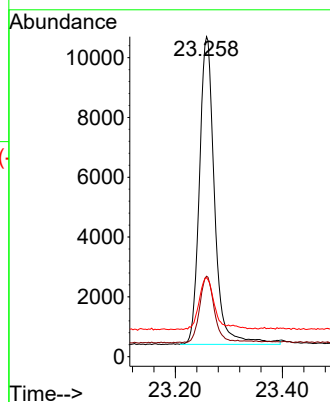
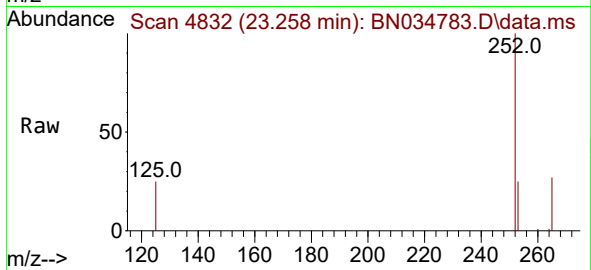
Tgt Ion:252 Resp: 20231

Ion Ratio Lower Upper

252 100

253 25.1 20.0 30.0

125 24.7 19.8 29.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.417 ng/ul

RT: 25.527 min Scan# 5585

Delta R.T. -0.010 min

Lab File: BN034783.D

Acq: 01 Nov 2024 02:06

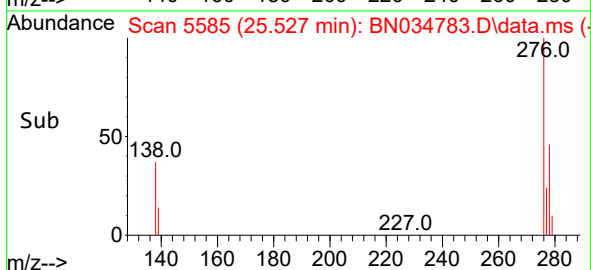
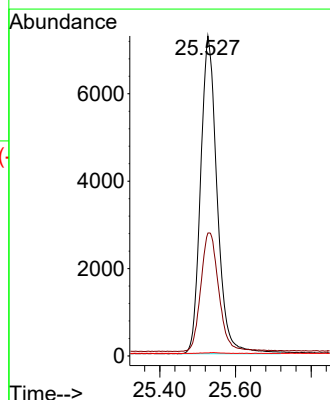
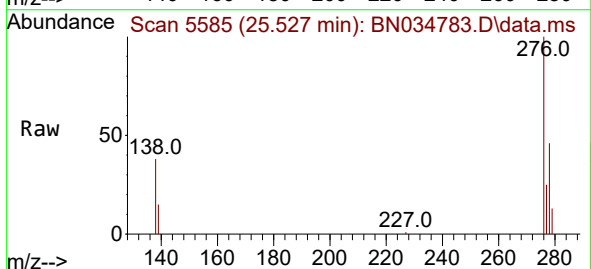
Tgt Ion:276 Resp: 22104

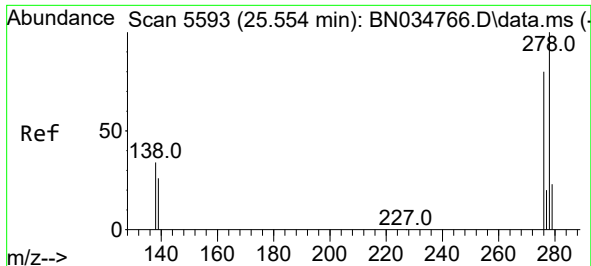
Ion Ratio Lower Upper

276 100

138 40.6 31.8 47.6

227 0.3 0.2 0.4

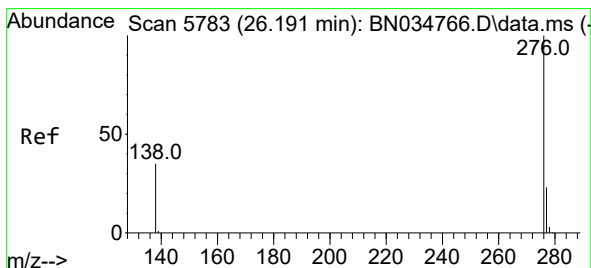
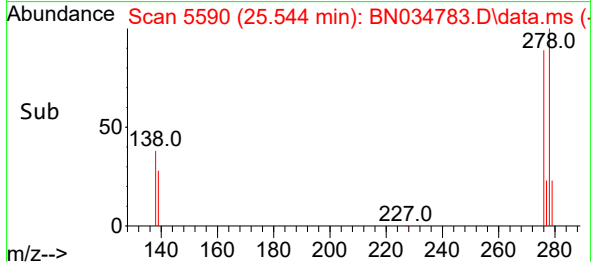
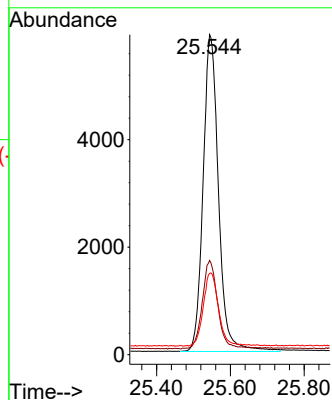
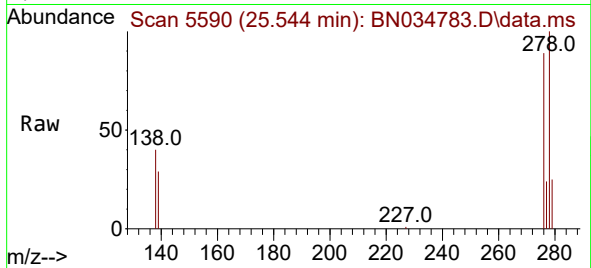




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.544 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

Tgt Ion:278 Resp: 17049
Ion Ratio Lower Upper
278 100
139 29.4 23.4 35.2
279 25.4 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.423 ng/ul
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034783.D
Acq: 01 Nov 2024 02:06

Tgt Ion:276 Resp: 17606
Ion Ratio Lower Upper
276 100
138 36.8 28.8 43.2
277 24.5 20.2 30.2

