

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034977.D
 Acq On : 10 Nov 2024 13:56
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4329

Quant Time: Nov 10 21:52:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

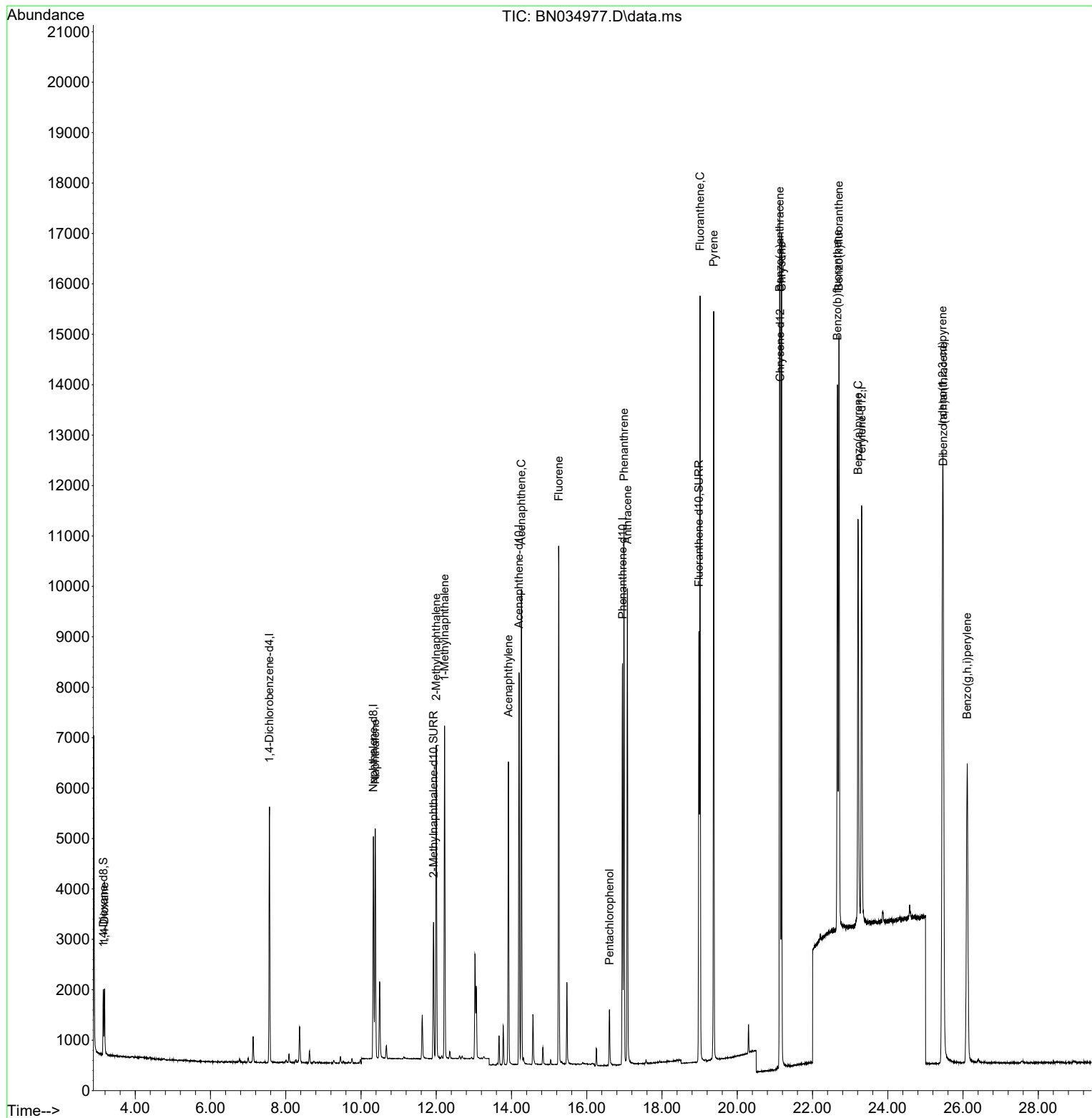
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2506	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	5947	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	4323	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	10034	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	9539	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264	10188	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	944	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	3579	0.393	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	10100	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	1019	0.390	ng/ul	96
5) Naphthalene	10.377	128	5934	0.399	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	4263	0.384	ng/ul	99
8) 1-Methylnaphthalene	12.220	142	4328	0.388	ng/ul	98
10) Acenaphthylene	13.916	152	6714	0.380	ng/ul	99
11) Acenaphthene	14.263	153	5184	0.387	ng/ul	100
12) Fluorene	15.253	166	6228	0.366	ng/ul	99
14) Pentachlorophenol	16.603	266	786	0.339	ng/ul	98
15) Phenanthrene	16.987	178	10552	0.394	ng/ul	99
16) Anthracene	17.080	178	9711	0.385	ng/ul	99
19) Fluoranthene	19.009	202	12896	0.405	ng/ul#	97
20) Pyrene	19.372	202	13173	0.399	ng/ul#	96
21) Benzo(a)anthracene	21.125	228	12945	0.375	ng/ul	100
22) Chrysene	21.177	228	13487	0.383	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	13373	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	14137	0.377	ng/ul	99
26) Benzo(a)pyrene	23.209	252	12190	0.381	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.456	276	16190	0.414	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.473	278	12671	0.416	ng/ul	98
29) Benzo(g,h,i)perylene	26.111	276	12617	0.422	ng/ul	98

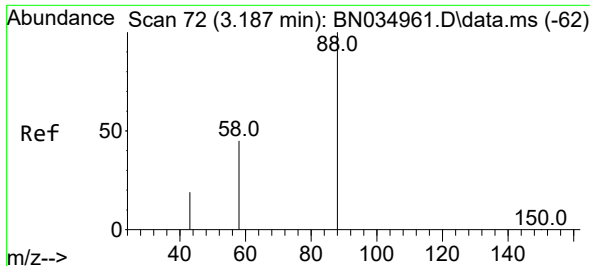
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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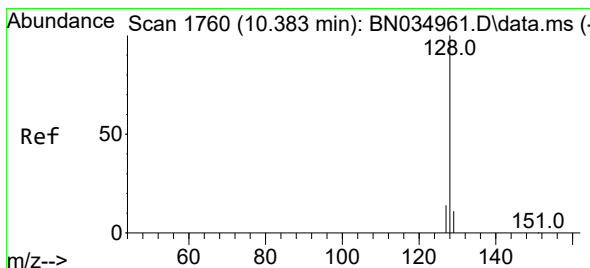
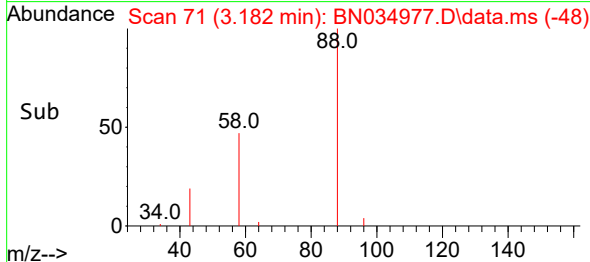
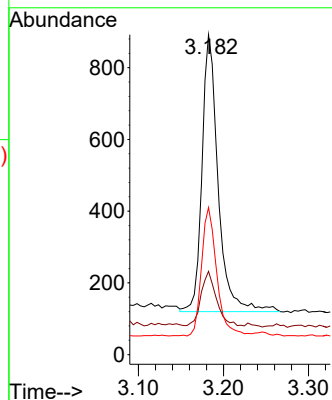
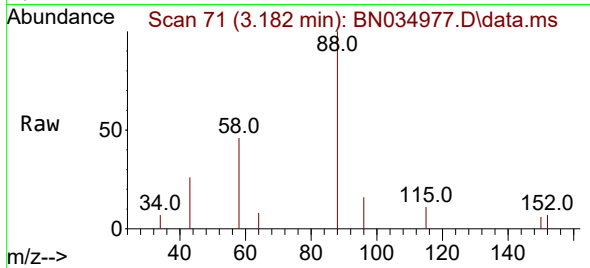




#2
 1,4-Dioxane
 Concen: 0.390 ng/ul
 RT: 3.182 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034977.D
 Acq: 10 Nov 2024 13:56

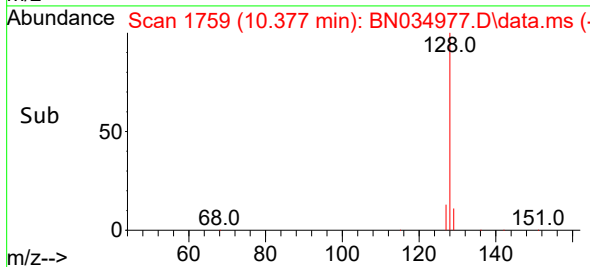
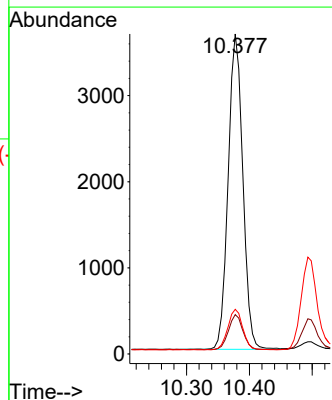
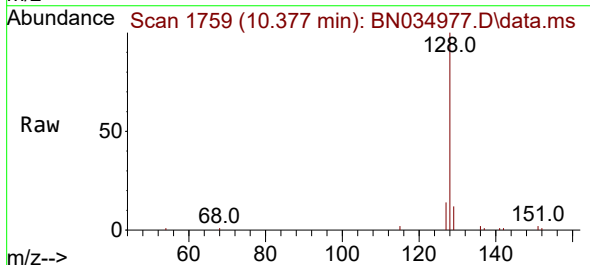
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 ClientSampleId :
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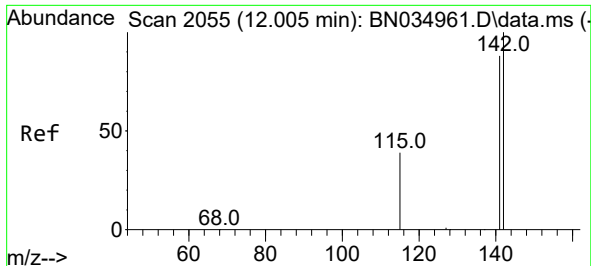
Tgt Ion: 88 Resp: 1019
 Ion Ratio Lower Upper
 88 100
 43 26.0 23.3 34.9
 58 46.0 35.4 53.2



#5
 Naphthalene
 Concen: 0.399 ng/ul
 RT: 10.377 min Scan# 1759
 Delta R.T. -0.011 min
 Lab File: BN034977.D
 Acq: 10 Nov 2024 13:56

Tgt Ion: 128 Resp: 5934
 Ion Ratio Lower Upper
 128 100
 129 12.3 10.1 15.1
 127 14.0 12.1 18.1

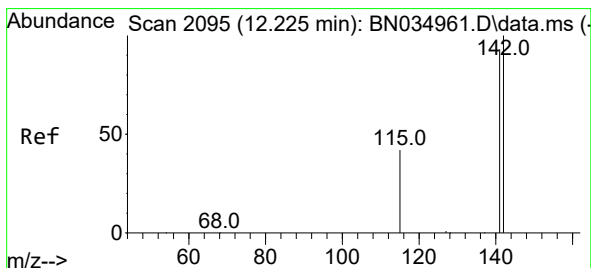
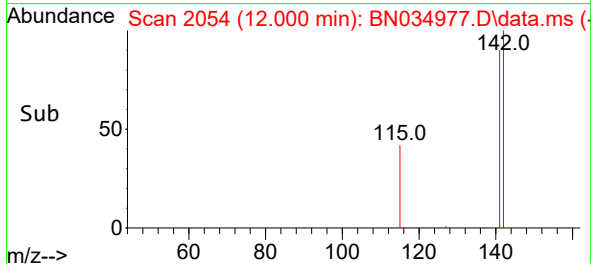
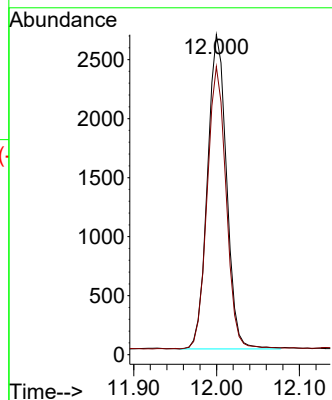
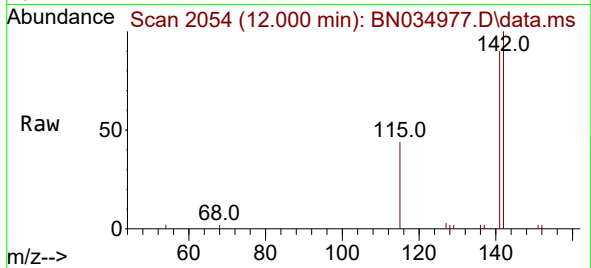




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

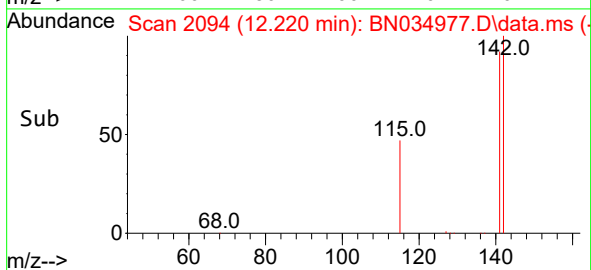
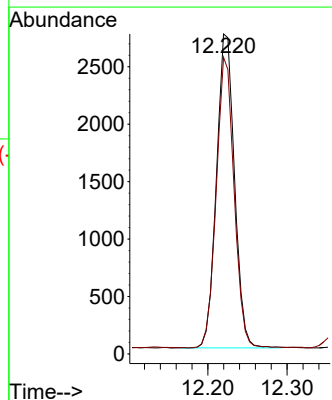
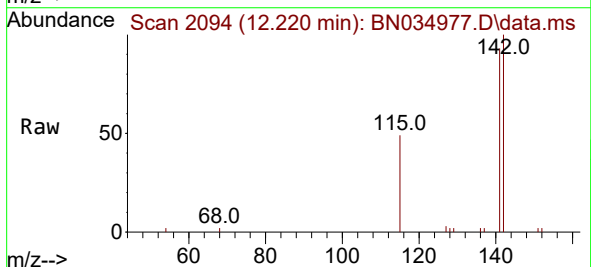
Instrument :
BNA_N
ClientSampleId :
SSTD0.4329

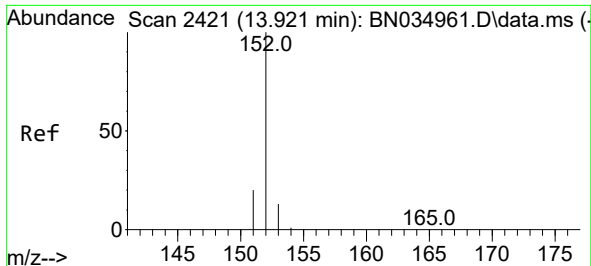
Tgt Ion:142 Resp: 4263
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:142 Resp: 4328
Ion Ratio Lower Upper
142 100
141 91.5 74.6 111.8

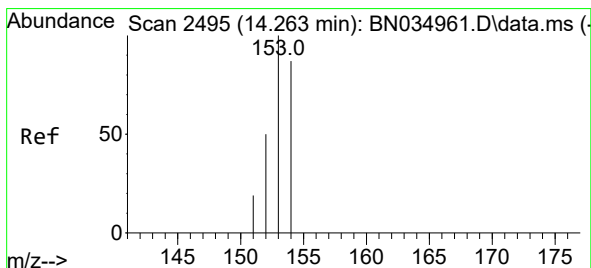
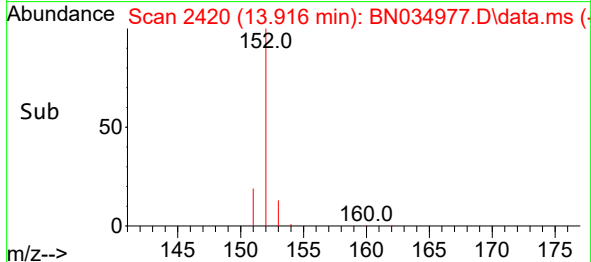
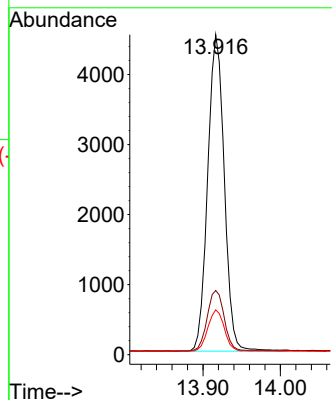
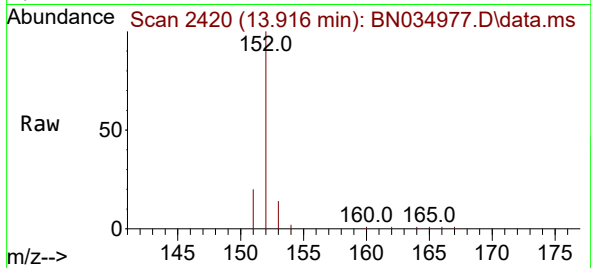




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 13.916 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

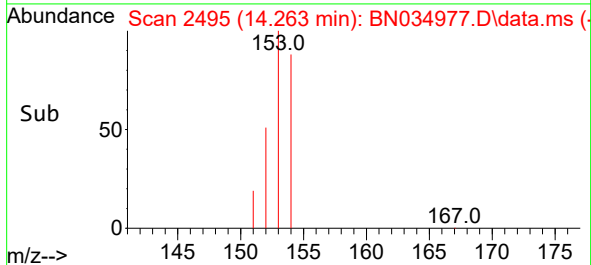
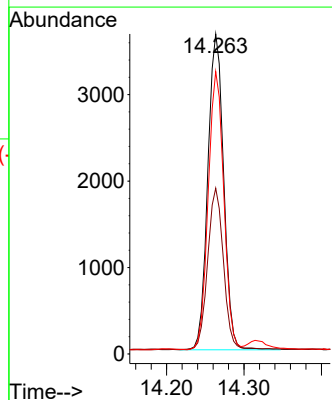
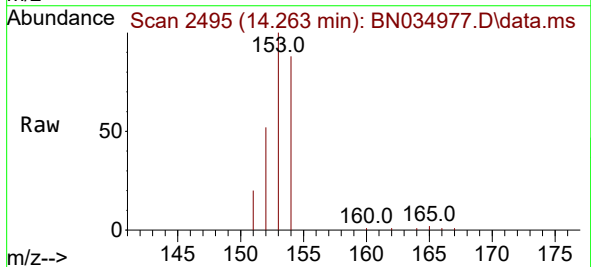
Instrument :
BNA_N
ClientSampleId :
SSTD0.4329

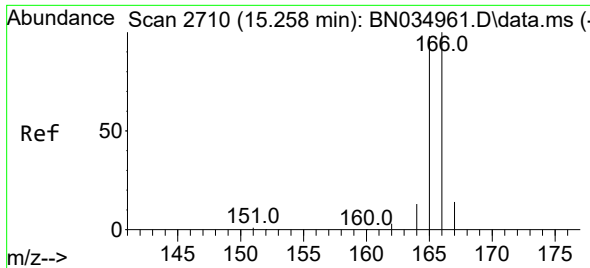
Tgt Ion:152 Resp: 6714
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 14.0 11.0 16.6



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.263 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:153 Resp: 5184
Ion Ratio Lower Upper
153 100
152 51.8 41.5 62.3
154 88.3 70.9 106.3

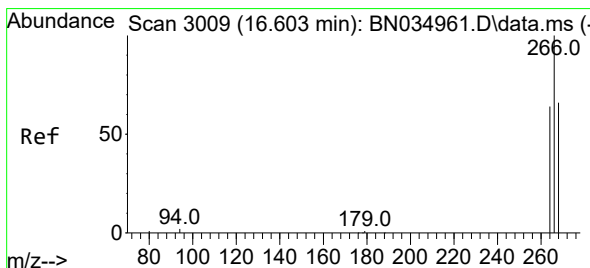
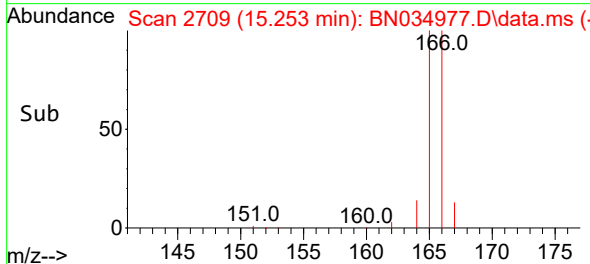
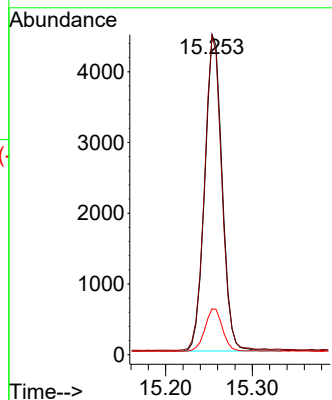
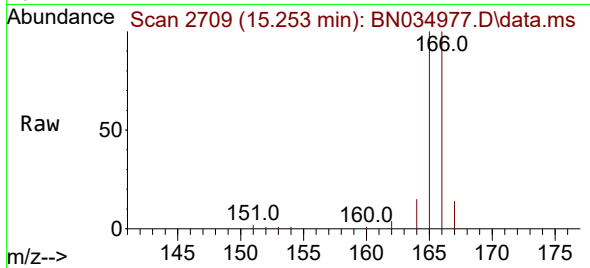




#12
 Fluorene
 Concen: 0.366 ng/ul
 RT: 15.253 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN034977.D
 Acq: 10 Nov 2024 13:56

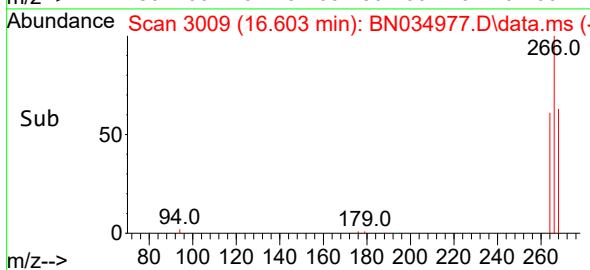
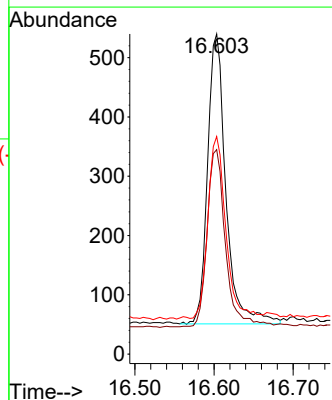
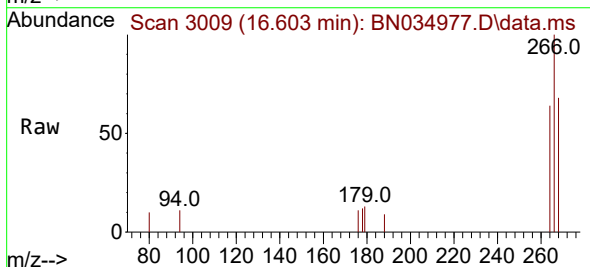
Instrument :
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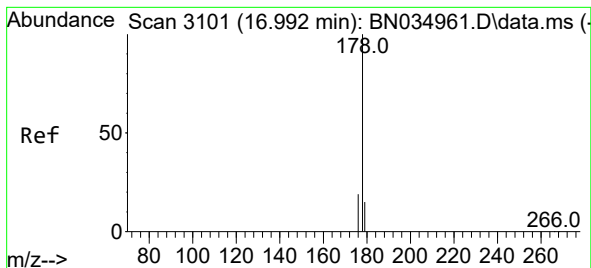
Tgt Ion:166 Resp: 6228
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.4
 167 14.3 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.339 ng/ul
 RT: 16.603 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BN034977.D
 Acq: 10 Nov 2024 13:56

Tgt Ion:266 Resp: 786
 Ion Ratio Lower Upper
 266 100
 264 61.3 50.2 75.2
 268 61.6 48.4 72.6





#15

Phenanthrene

Concen: 0.394 ng/ul

RT: 16.987 min Scan# 3100

Delta R.T. -0.008 min

Lab File: BN034977.D

Acq: 10 Nov 2024 13:56

Instrument :

BNA_N

ClientSampleId :

SSTD0.4329

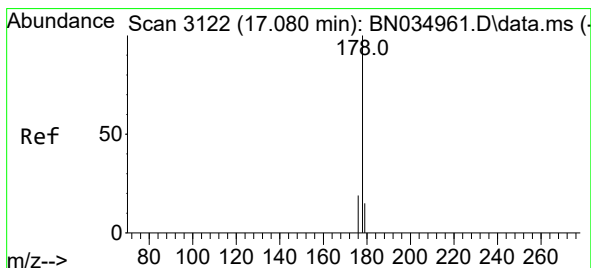
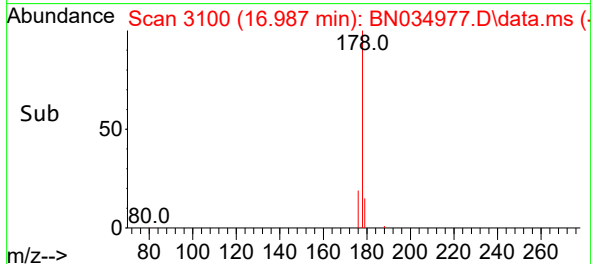
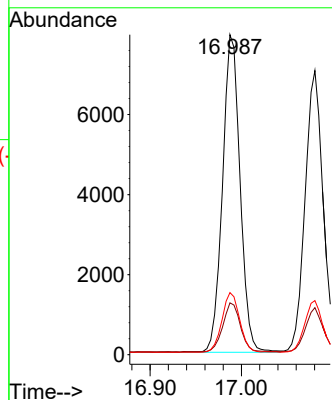
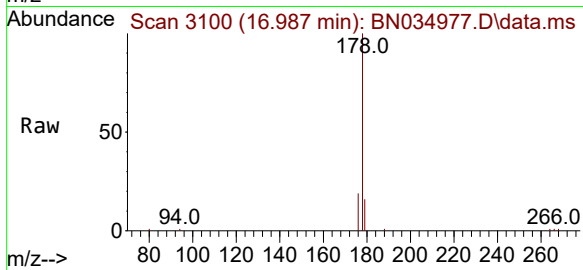
Tgt Ion:178 Resp: 10552

Ion Ratio Lower Upper

178 100

179 16.2 13.4 20.2

176 19.4 15.8 23.6



#16

Anthracene

Concen: 0.385 ng/ul

RT: 17.080 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BN034977.D

Acq: 10 Nov 2024 13:56

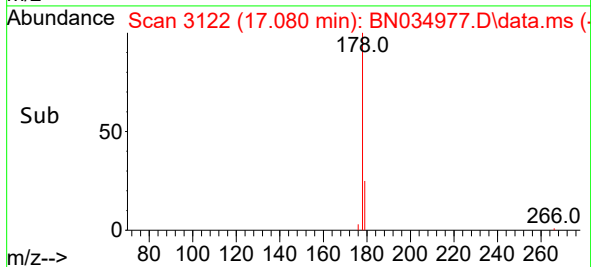
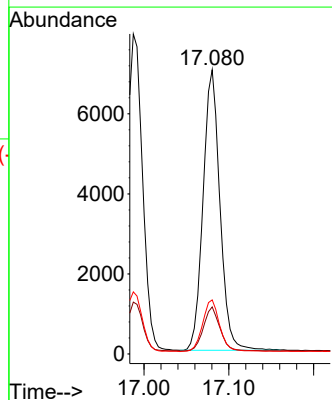
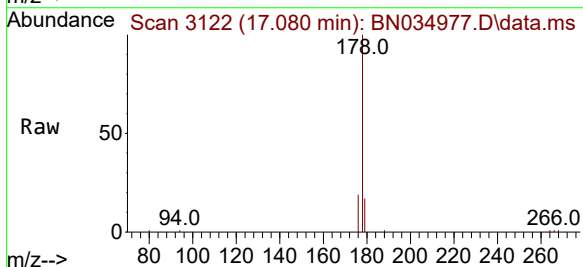
Tgt Ion:178 Resp: 9711

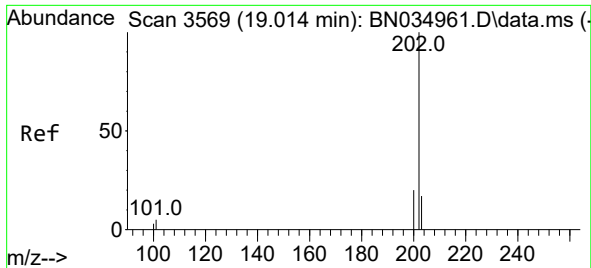
Ion Ratio Lower Upper

178 100

179 16.5 13.3 19.9

176 19.0 15.8 23.8

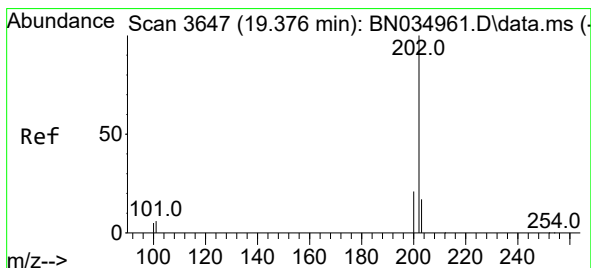
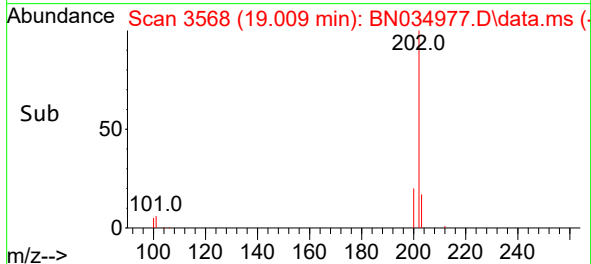
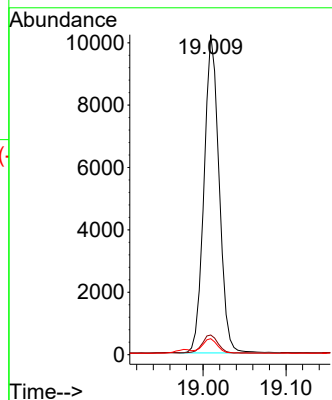
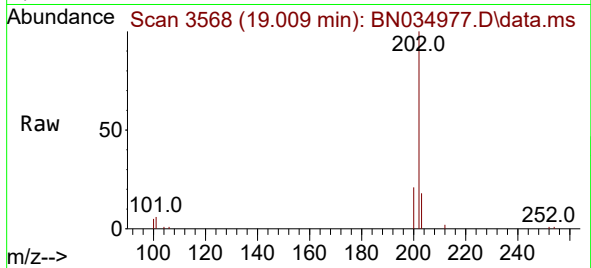




#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

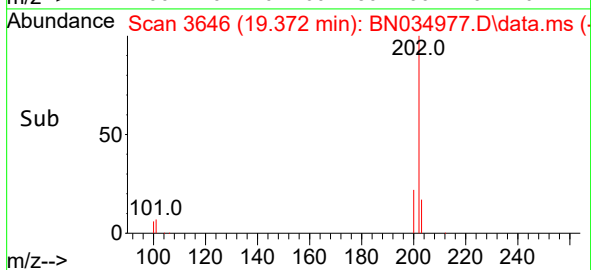
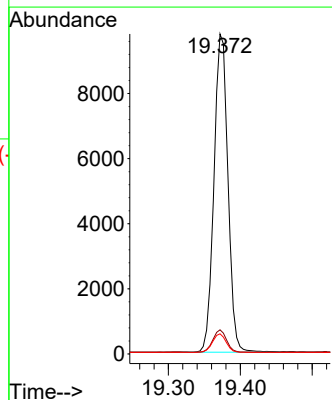
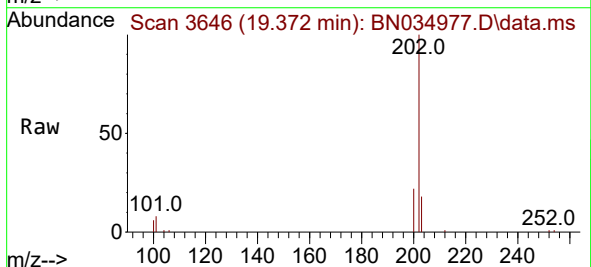
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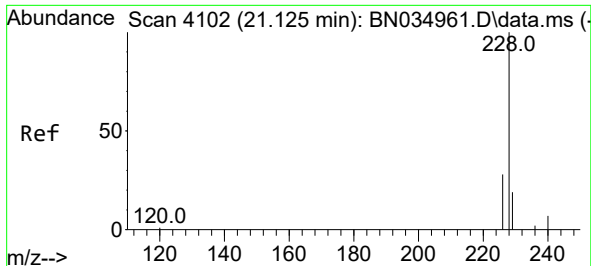
Tgt Ion:202 Resp: 12896
Ion Ratio Lower Upper
202 100
101 6.2 4.2 6.2
100 5.0 3.2 4.8#



#20
Pyrene
Concen: 0.399 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:202 Resp: 13173
Ion Ratio Lower Upper
202 100
101 7.5 5.0 7.4#
100 6.3 4.1 6.1#

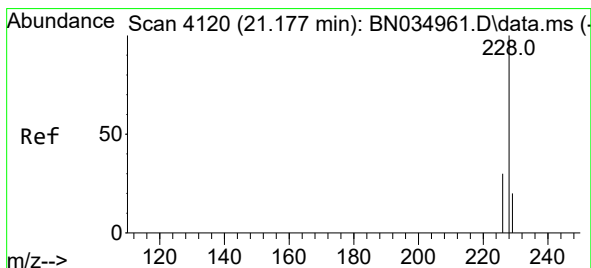
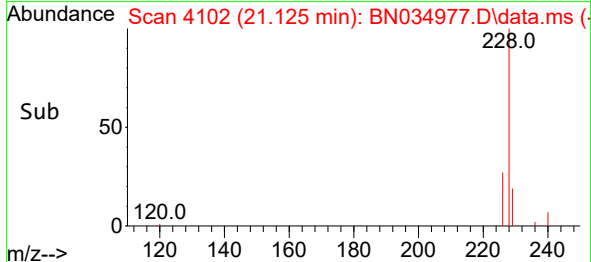
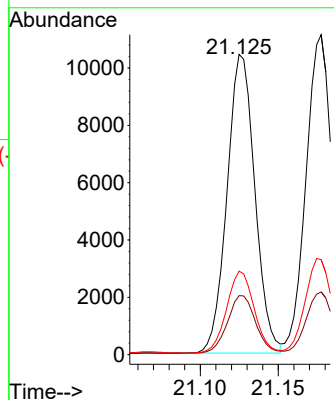
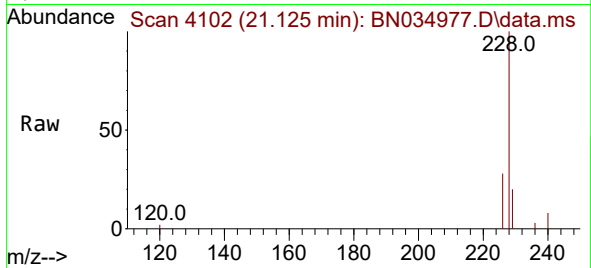




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.125 min Scan# 4102
Delta R.T. -0.006 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

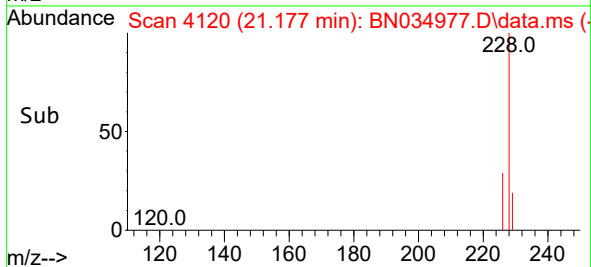
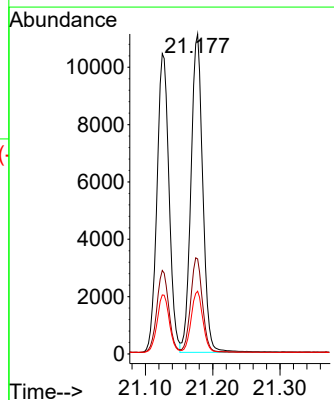
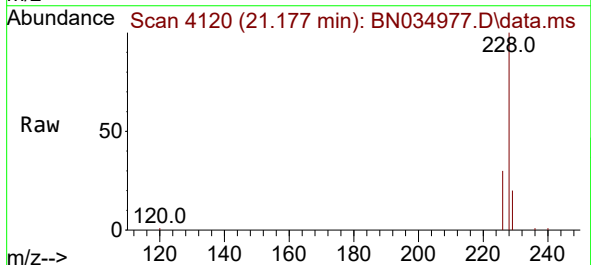
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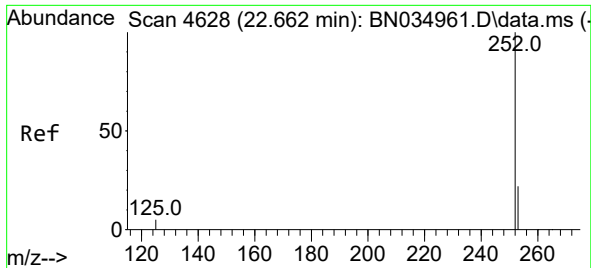
Tgt Ion:228 Resp: 12945
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:228 Resp: 13487
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.4
229 19.6 15.4 23.2

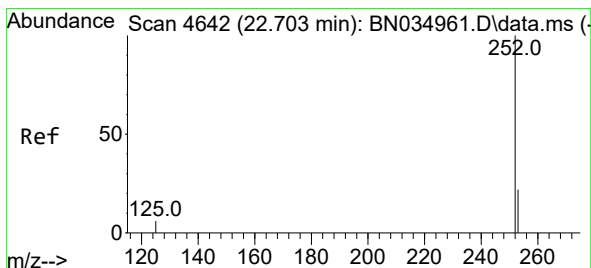
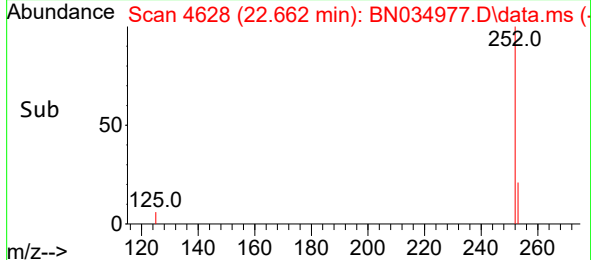
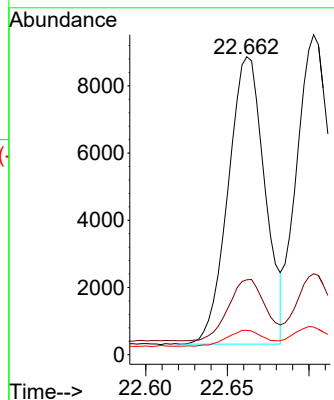
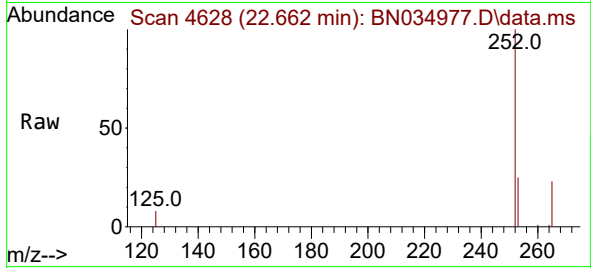




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

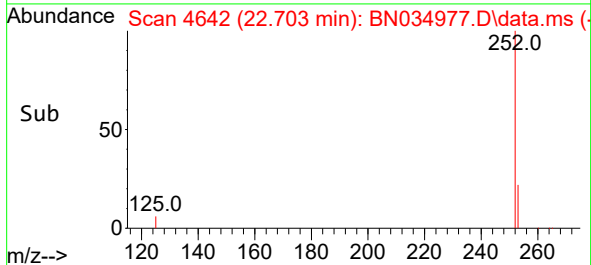
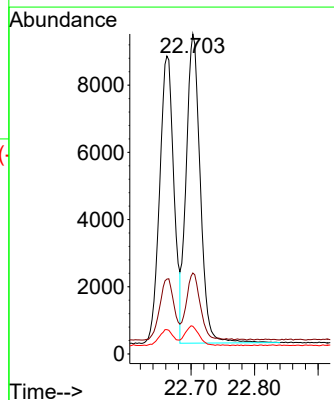
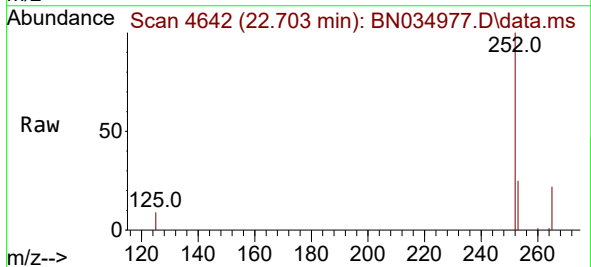
Instrument :
BNA_N
ClientSampleId :
SSTD0.4329

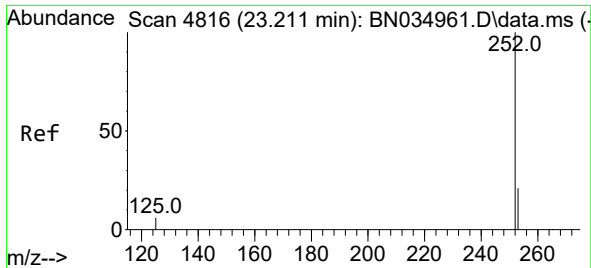
Tgt Ion:252 Resp: 13373
Ion Ratio Lower Upper
252 100
253 25.2 0.0 50.0
125 8.1 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:252 Resp: 14137
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 8.6 5.8 8.8

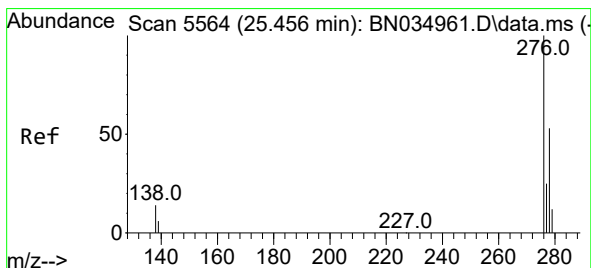
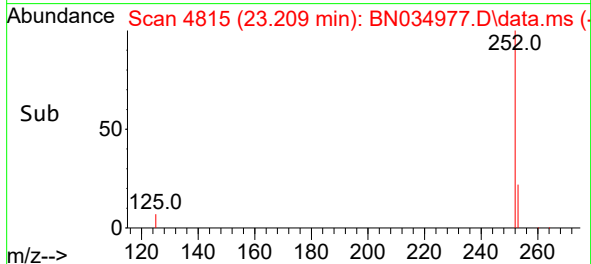
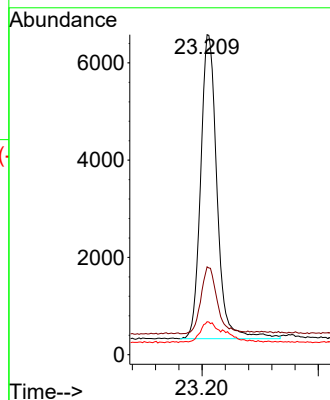
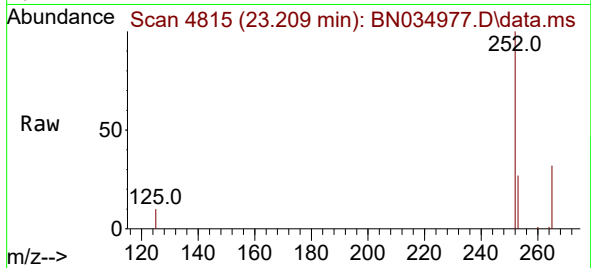




#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.209 min Scan# 4816
Delta R.T. -0.009 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

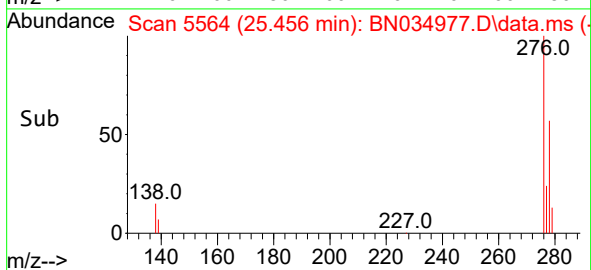
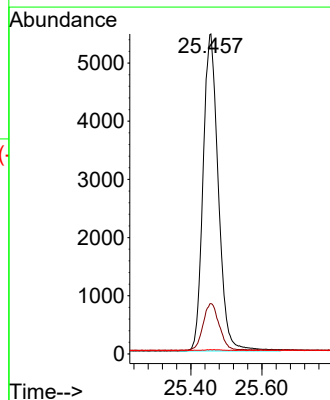
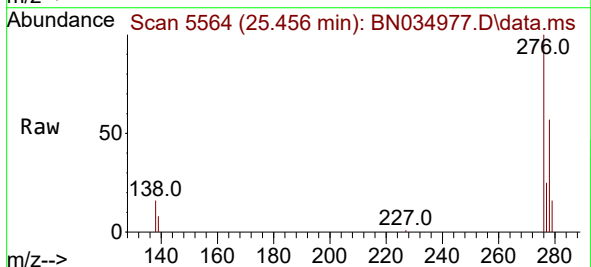
Instrument :
BNA_N
ClientSampleId :
SSTD0.4329

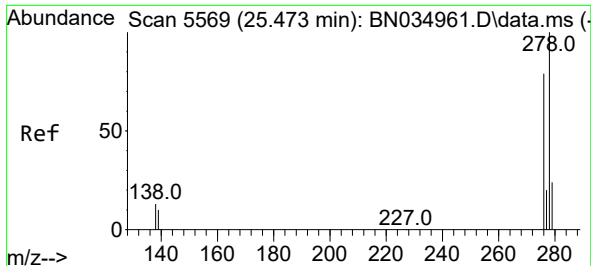
Tgt Ion:252 Resp: 12190
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 10.3 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.456 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:276 Resp: 16190
Ion Ratio Lower Upper
276 100
138 15.7 10.8 16.2
227 0.2 0.2 0.4#

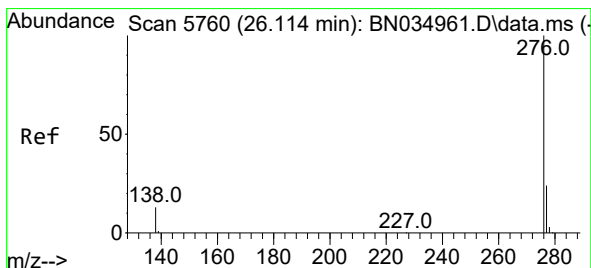
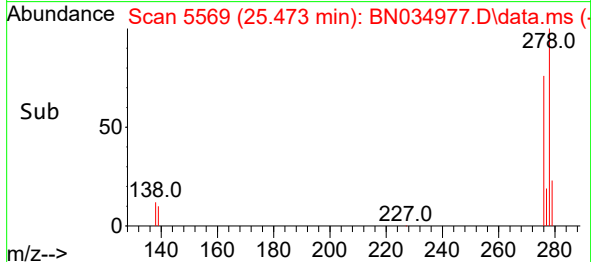
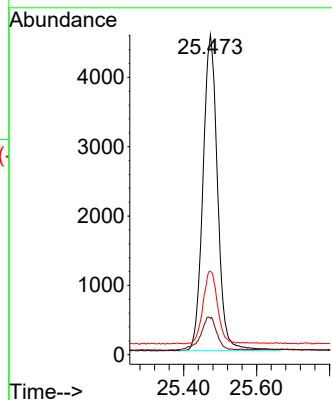
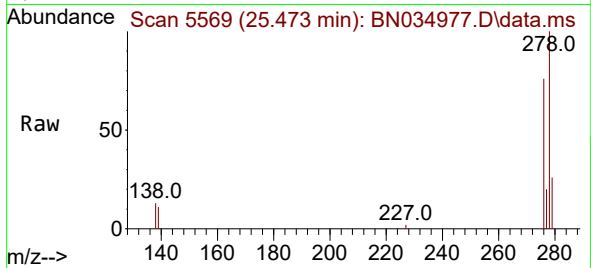




#28
Dibenzo(a,h)anthracene
Concen: 0.416 ng/ul
RT: 25.473 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Instrument :
BNA_N
ClientSampleId :
SSTD0.4329

Tgt Ion:278 Resp: 12671
Ion Ratio Lower Upper
278 100
139 11.4 8.4 12.6
279 26.0 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.111 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BN034977.D
Acq: 10 Nov 2024 13:56

Tgt Ion:276 Resp: 12617
Ion Ratio Lower Upper
276 100
138 14.6 10.3 15.5
277 25.0 20.2 30.2

