

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034817.D
 Acq On : 01 Nov 2024 22:36
 Operator : RC/JU
 Sample : PB164483BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS483

Quant Time: Nov 03 23:28:26 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

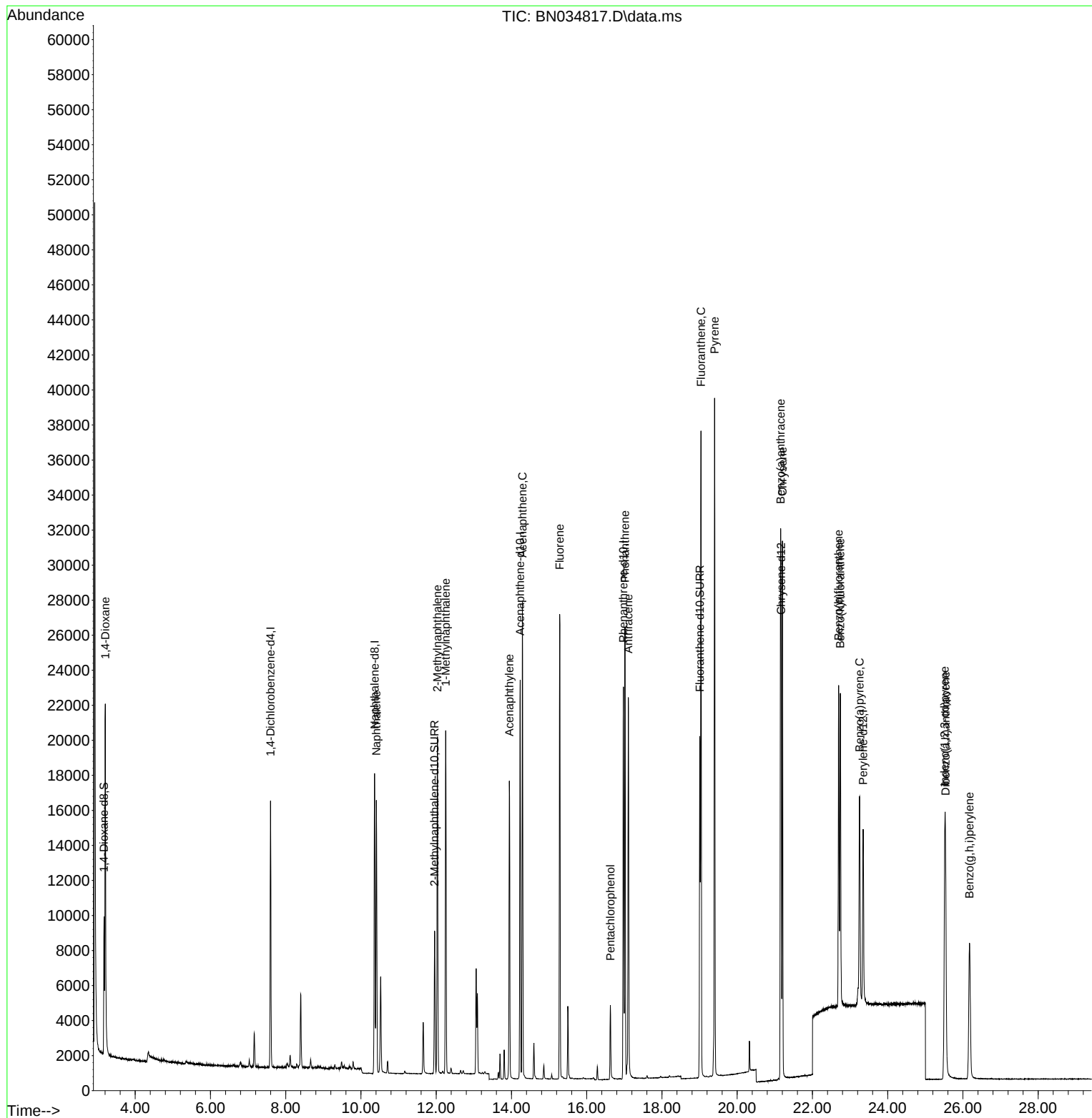
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7331	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	21670	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.231	164	11849	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	24273	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	16446	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	12668	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	5011	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	10305	0.379	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	19941	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	13140	1.577	ng/ul#	86
5) Naphthalene	10.410	128	20278	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.033	142	13158	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	13354	0.351	ng/ul	100
10) Acenaphthylene	13.944	152	18680	0.346	ng/ul	100
11) Acenaphthene	14.291	153	14702	0.356	ng/ul	99
12) Fluorene	15.281	166	16073	0.350	ng/ul	100
14) Pentachlorophenol	16.629	266	2897	0.605	ng/ul	99
15) Phenanthrene	17.017	178	26523	0.362	ng/ul	100
16) Anthracene	17.106	178	23720	0.349	ng/ul	100
19) Fluoranthene	19.037	202	28641	0.359	ng/ul	98
20) Pyrene	19.400	202	29773	0.358	ng/ul	98
21) Benzo(a)anthracene	21.151	228	23894	0.363	ng/ul	100
22) Chrysene	21.204	228	24845	0.377	ng/ul	100
24) Benzo(b)fluoranthene	22.697	252	20982	0.407	ng/ul	99
25) Benzo(k)fluoranthene	22.741	252	20517	0.395	ng/ul	99
26) Benzo(a)pyrene	23.252	252	16981	0.383	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.517	276	18260	0.386	ng/ul	100
28) Dibenzo(a,h)anthracene	25.537	278	14125	0.395	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	14647	0.394	ng/ul	99

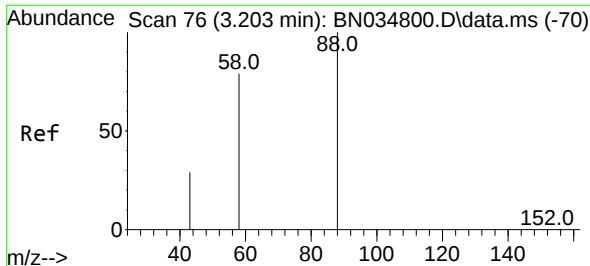
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.577 ng/ul

RT: 3.203 min Scan# 76

Delta R.T. -0.004 min

Lab File: BN034817.D

Acq: 01 Nov 2024 22:36

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BNA_N

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SLCS483

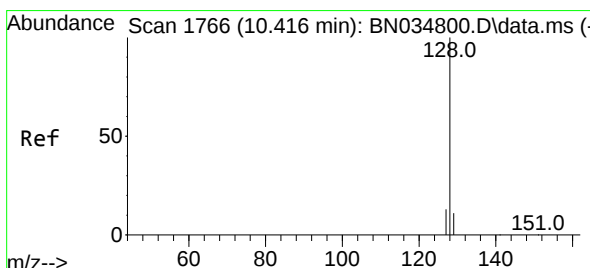
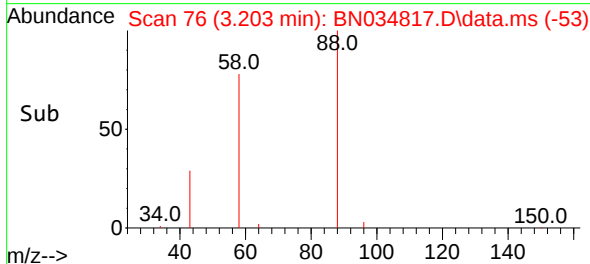
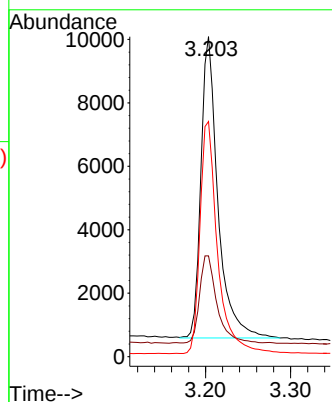
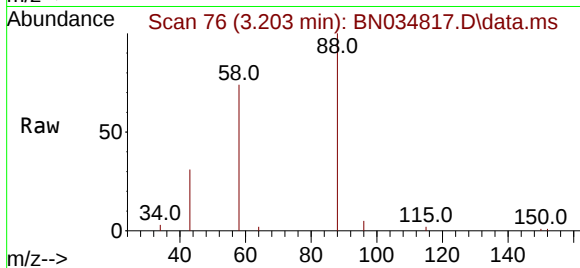
Tgt Ion: 88 Resp: 13140

Ion Ratio Lower Upper

88 100

43 31.5 41.9 62.9#

58 73.5 57.5 86.3



#5

Naphthalene

Concen: 0.353 ng/ul

RT: 10.410 min Scan# 1765

Delta R.T. -0.011 min

Lab File: BN034817.D

Acq: 01 Nov 2024 22:36

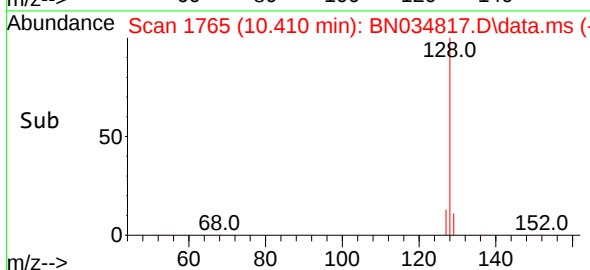
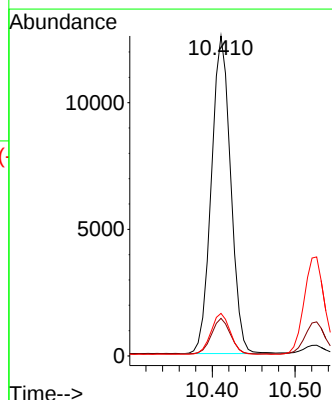
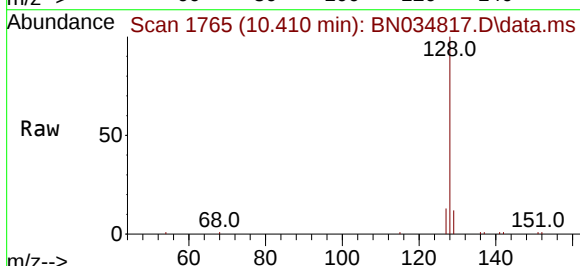
Tgt Ion:128 Resp: 20278

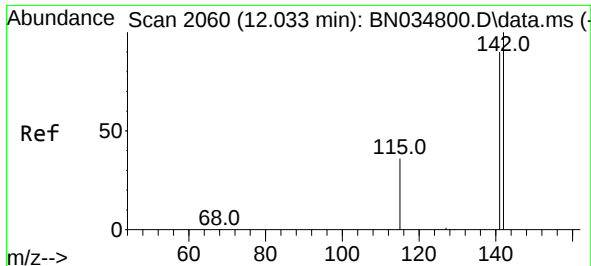
Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

127 13.3 10.5 15.7

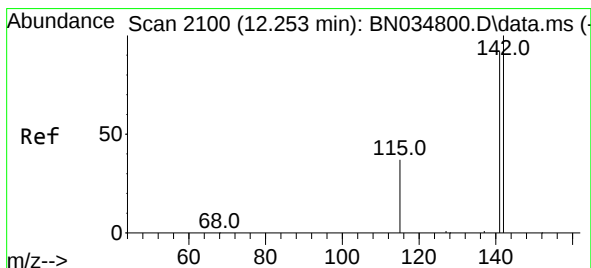
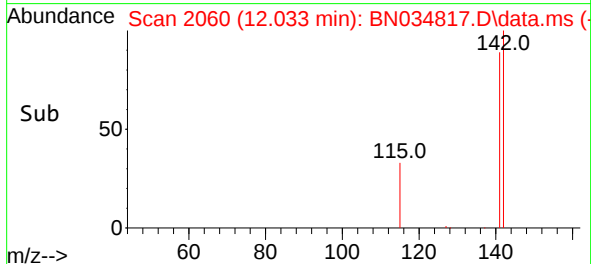
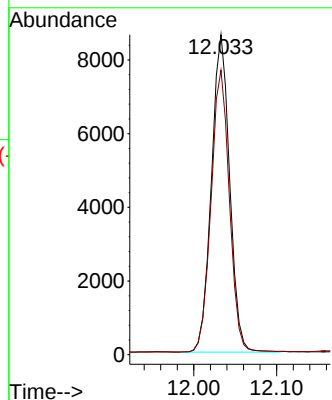
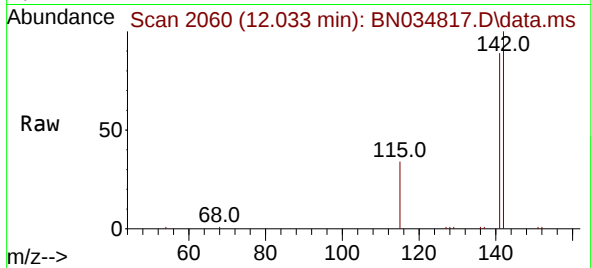




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

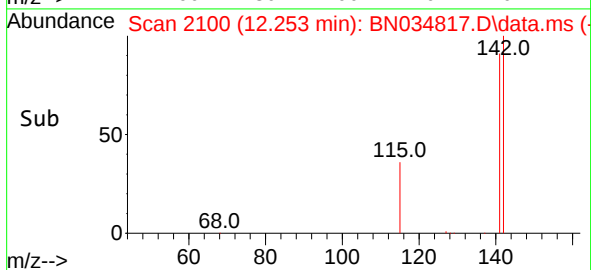
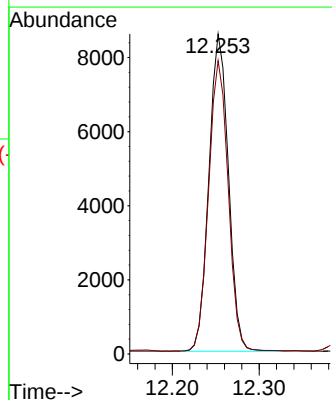
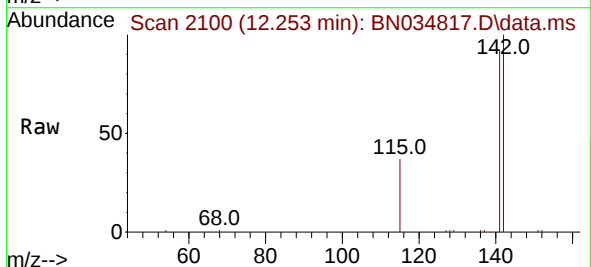
Instrument :
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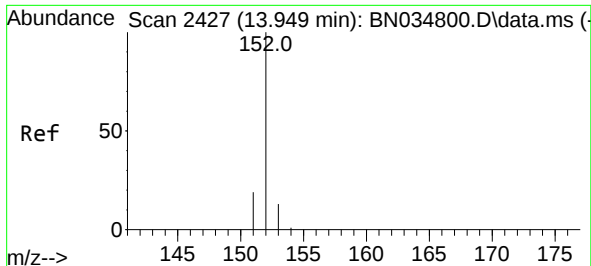
Tgt Ion:142 Resp: 13158
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:142 Resp: 13354
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4





#10

Acenaphthylene

Concen: 0.346 ng/ul

RT: 13.944 min Scan# 2427

Delta R.T. -0.009 min

Lab File: BN034817.D

Acq: 01 Nov 2024 22:36

Instrument :

BNA_N

ClientSampleId :

SLCS483

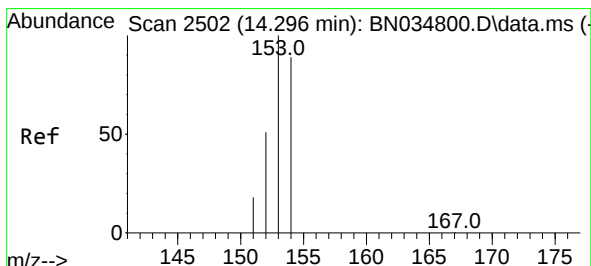
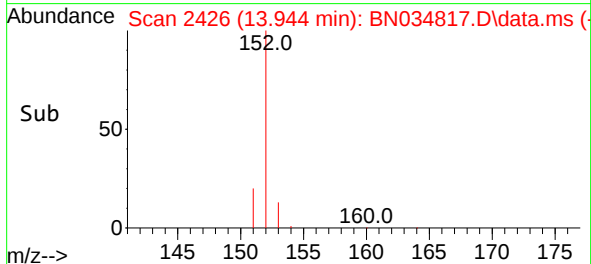
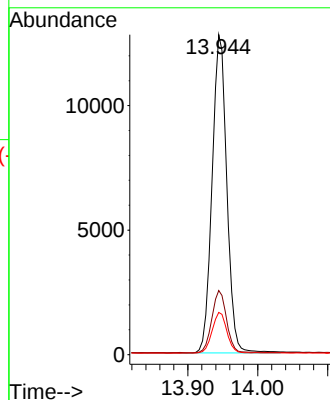
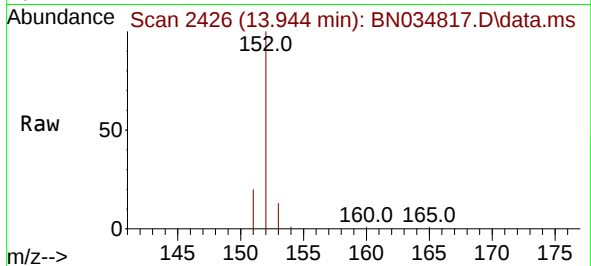
Tgt Ion:152 Resp: 18680

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.2 10.7 16.1



#11

Acenaphthene

Concen: 0.356 ng/ul

RT: 14.291 min Scan# 2501

Delta R.T. -0.009 min

Lab File: BN034817.D

Acq: 01 Nov 2024 22:36

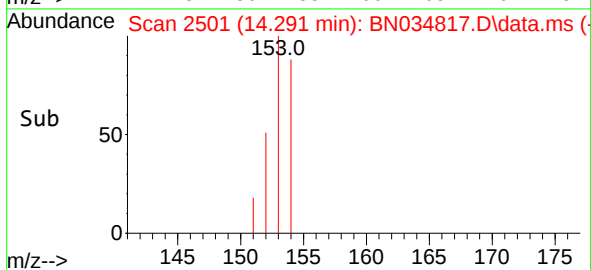
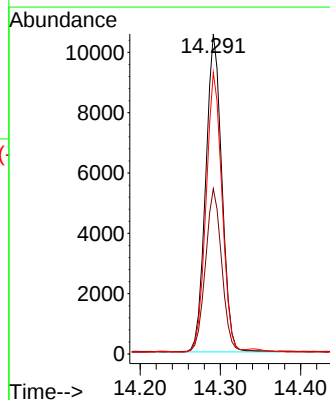
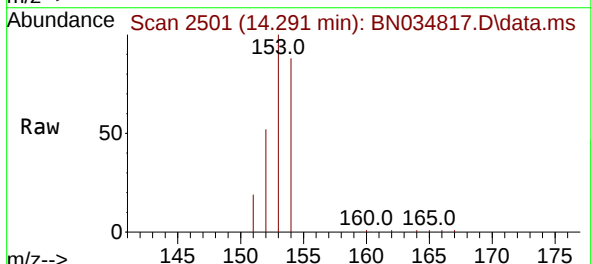
Tgt Ion:153 Resp: 14702

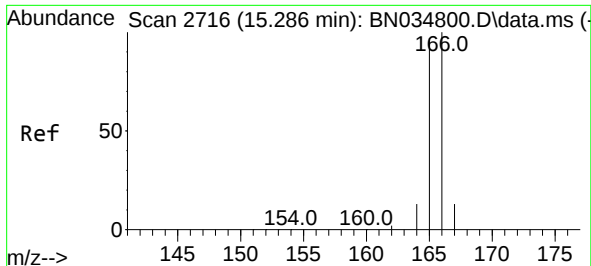
Ion Ratio Lower Upper

153 100

152 51.7 40.3 60.5

154 88.0 69.9 104.9

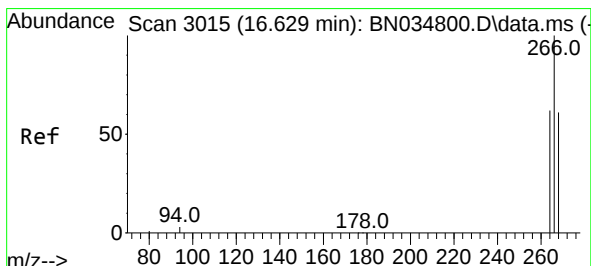
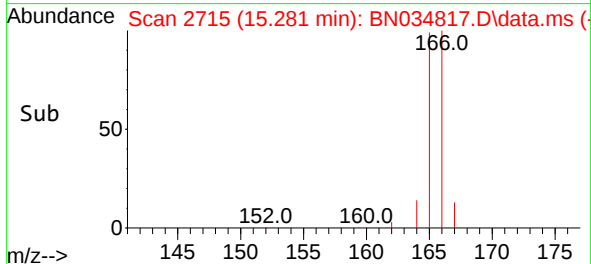
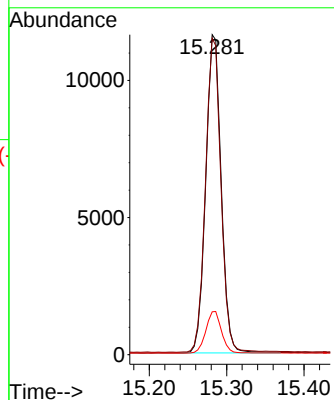
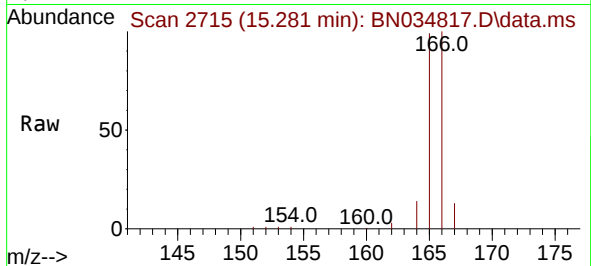




#12
 Fluorene
 Concen: 0.350 ng/ul
 RT: 15.281 min Scan# 2715
 Delta R.T. -0.009 min
 Lab File: BN034817.D
 Acq: 01 Nov 2024 22:36

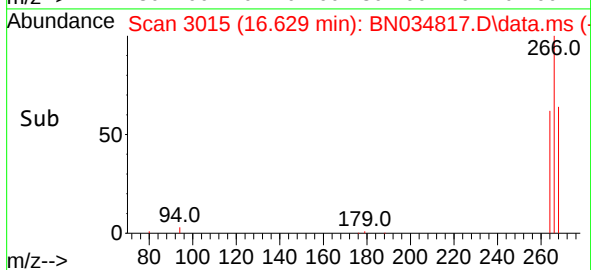
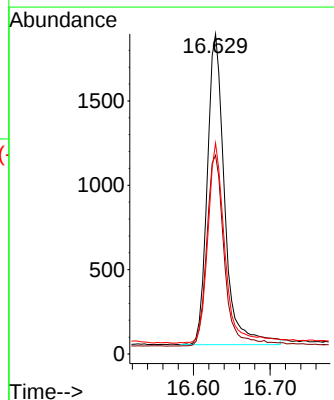
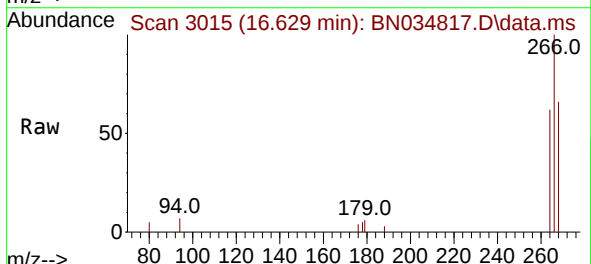
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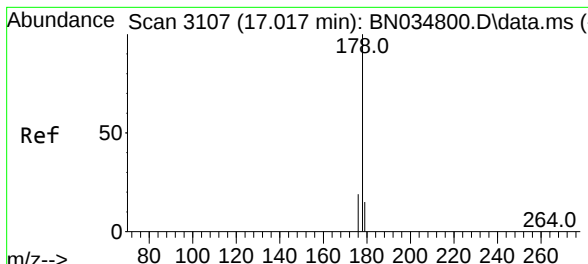
Tgt Ion:166 Resp: 16073
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.1 118.7
 167 13.4 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.605 ng/ul
 RT: 16.629 min Scan# 3015
 Delta R.T. -0.009 min
 Lab File: BN034817.D
 Acq: 01 Nov 2024 22:36

Tgt Ion:266 Resp: 2897
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.1 75.1
 268 63.3 52.0 78.0

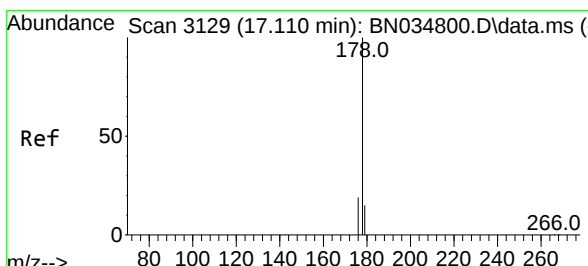
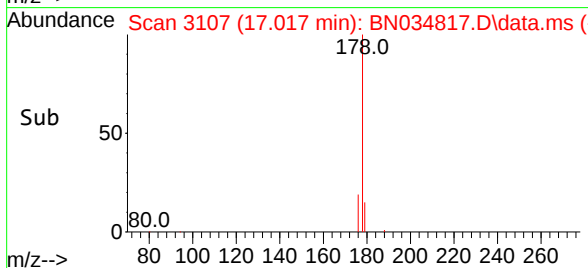
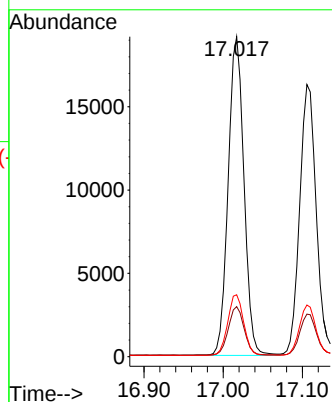
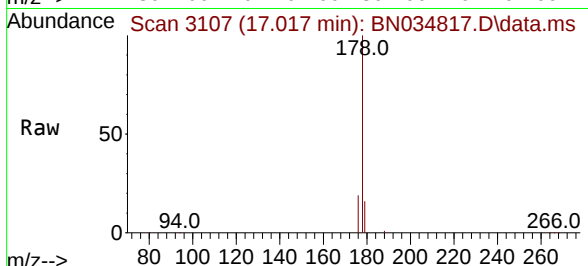




#15
Phenanthrene
Concen: 0.362 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

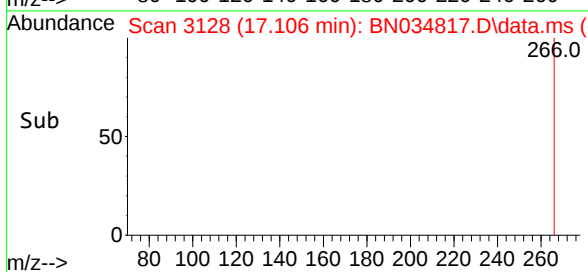
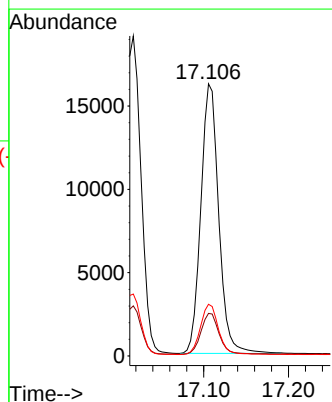
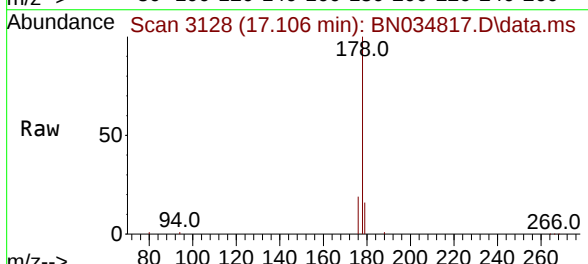
Instrument :
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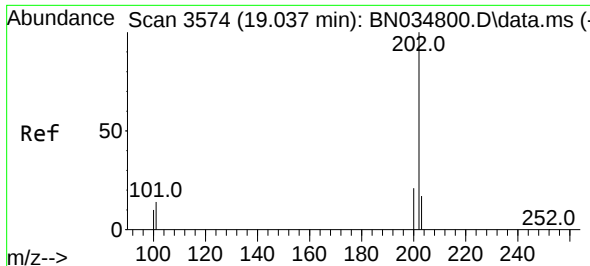
Tgt Ion:178	Resp:	26523
Ion Ratio	Lower	Upper
178	100	
179	15.7	12.4 18.6
176	19.4	15.4 23.0



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:178	Resp:	23720
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.3 18.5
176	19.0	15.1 22.7

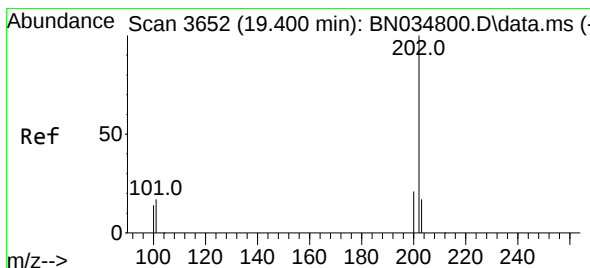
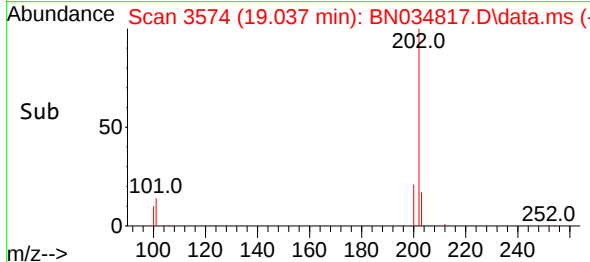
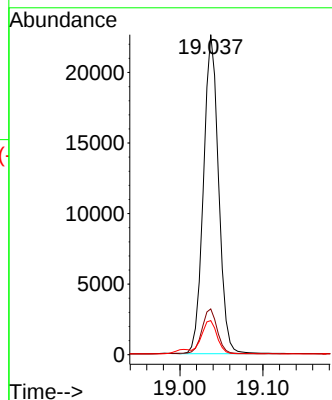
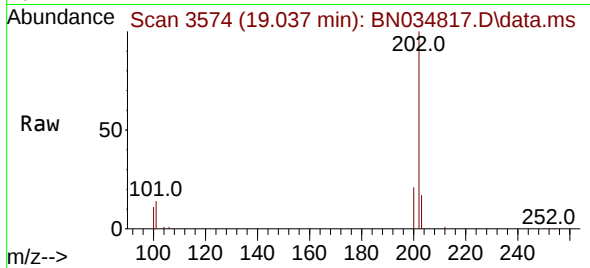




#19
Fluoranthene
Concen: 0.359 ng/u1
RT: 19.037 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

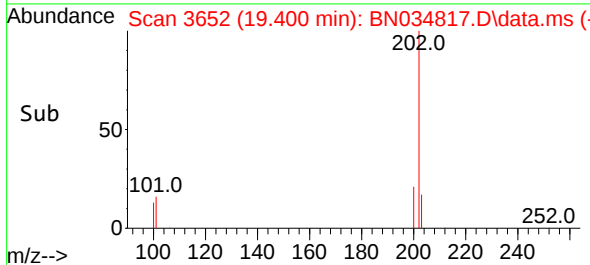
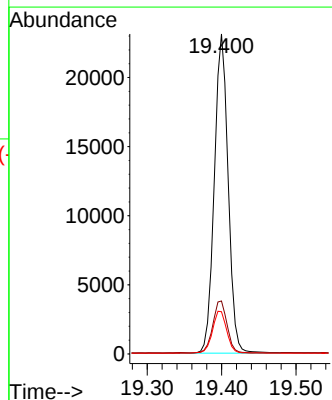
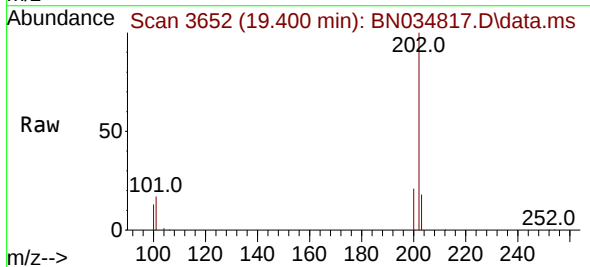
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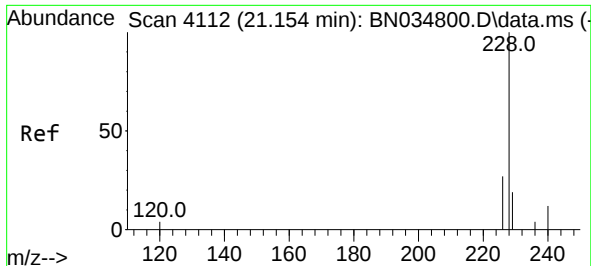
Tgt Ion:202 Resp: 28641
Ion Ratio Lower Upper
202 100
101 14.3 10.8 16.2
100 10.7 8.2 12.2



#20
Pyrene
Concen: 0.358 ng/u1
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:202 Resp: 29773
Ion Ratio Lower Upper
202 100
101 16.5 12.4 18.6
100 13.2 10.0 15.0

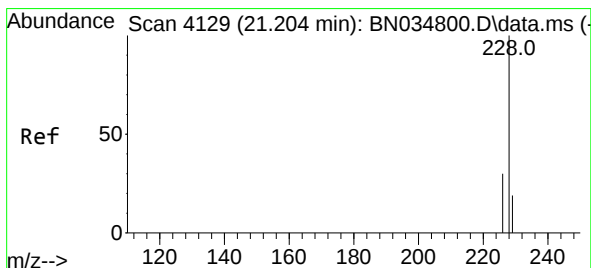
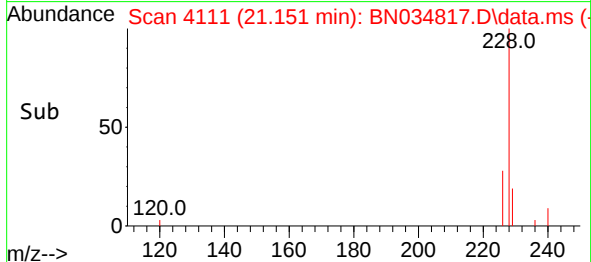
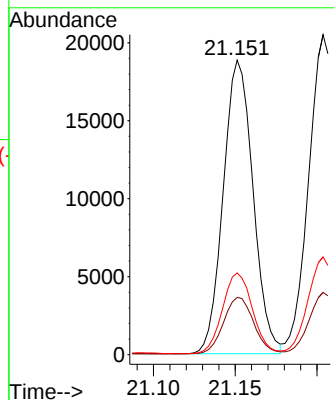
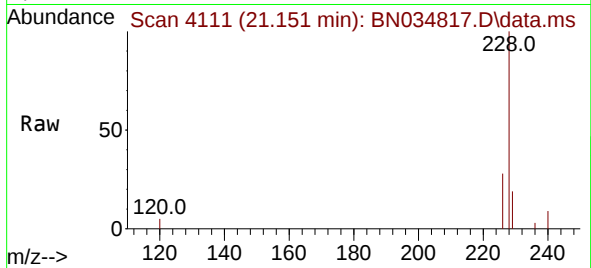




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.151 min Scan# 4111
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

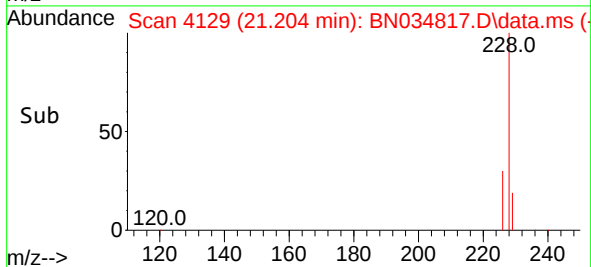
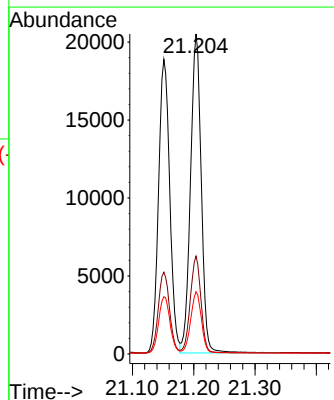
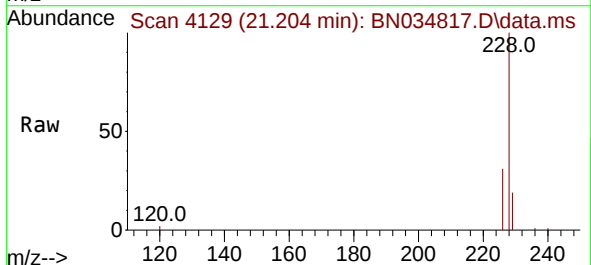
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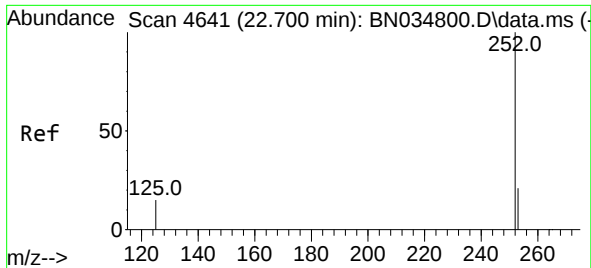
Tgt Ion:228 Resp: 23894
Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:228 Resp: 24845
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 19.4 15.6 23.4

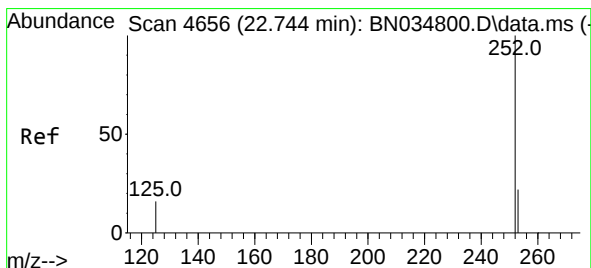
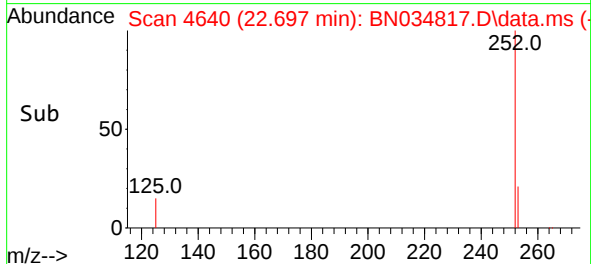
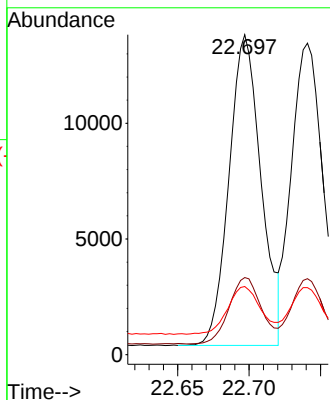
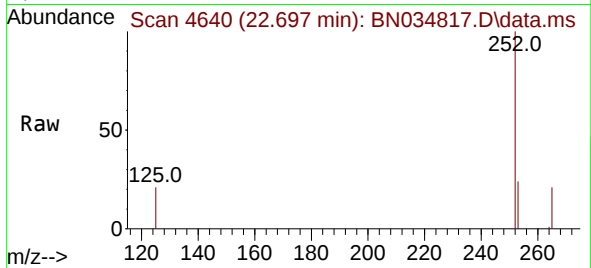




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.012 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

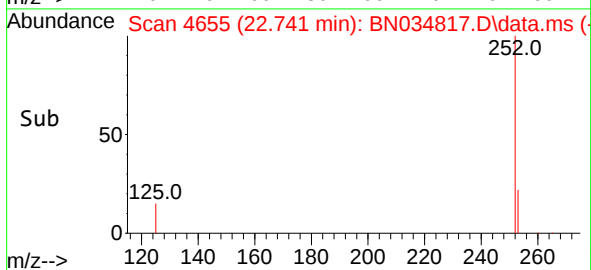
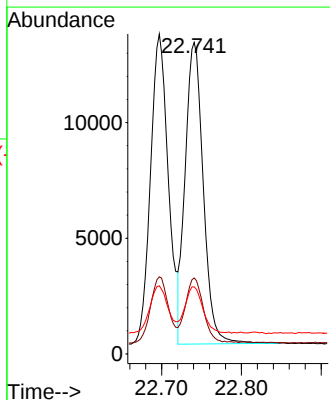
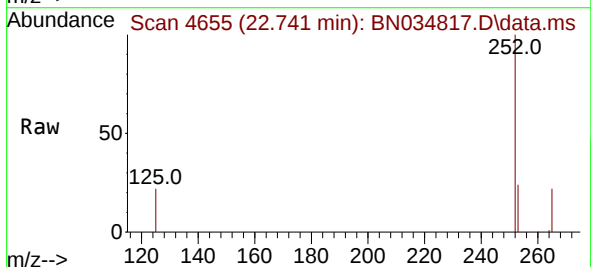
Instrument :
BNA_N
ClientSampleId :
SLCS483

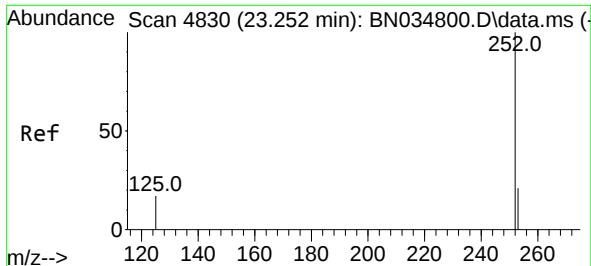
Tgt Ion:252 Resp: 20982
Ion Ratio Lower Upper
252 100
253 24.1 0.0 47.6
125 21.3 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 22.741 min Scan# 4655
Delta R.T. -0.009 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:252 Resp: 20517
Ion Ratio Lower Upper
252 100
253 24.4 19.1 28.7
125 21.5 17.0 25.4

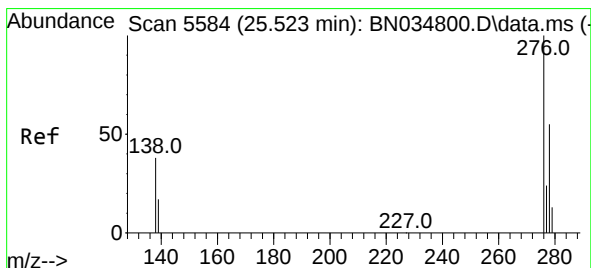
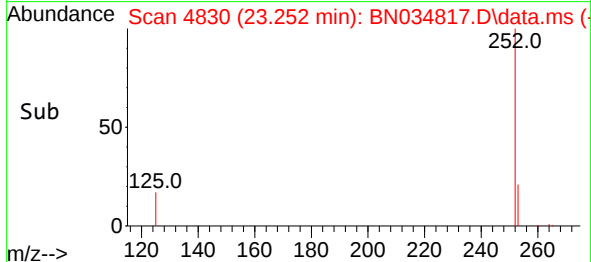
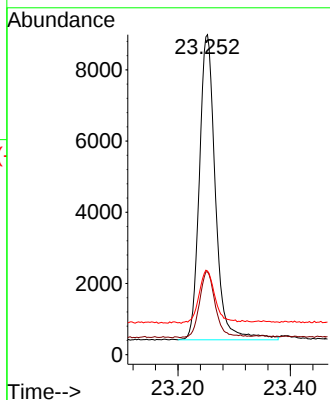
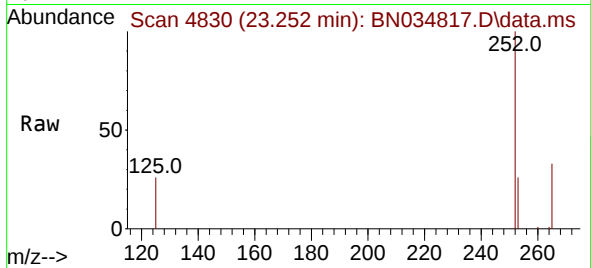




#26
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.252 min Scan# 4830
Delta R.T. -0.012 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

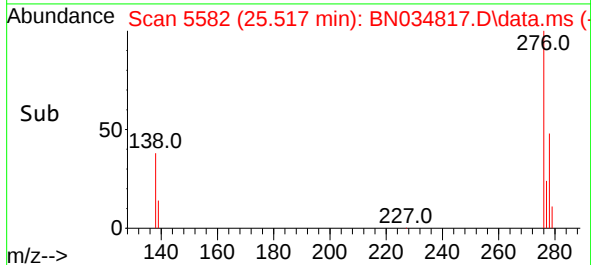
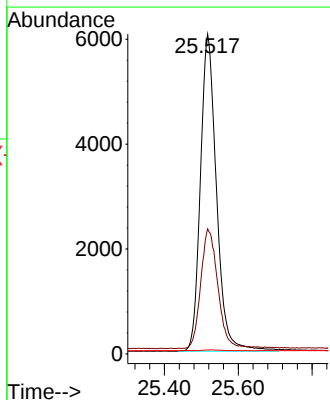
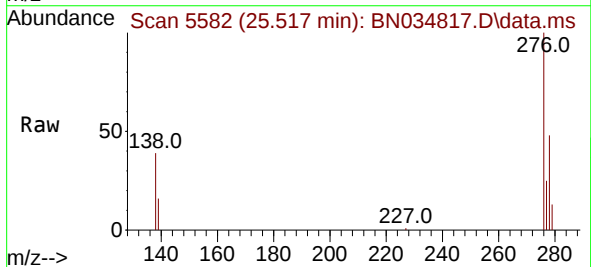
Instrument :
BNA_N
ClientSampleId :
SLCS483

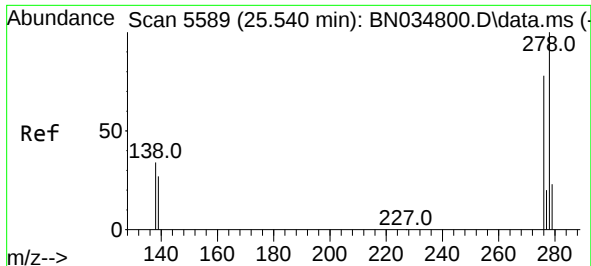
Tgt Ion:252 Resp: 16981
Ion Ratio Lower Upper
252 100
253 25.9 20.0 30.0
125 26.1 19.8 29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.517 min Scan# 5582
Delta R.T. -0.020 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:276 Resp: 18260
Ion Ratio Lower Upper
276 100
138 40.0 31.8 47.6
227 0.3 0.2 0.4

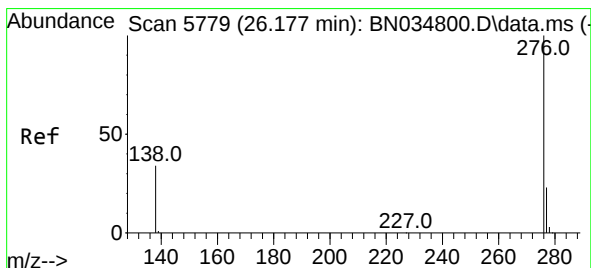
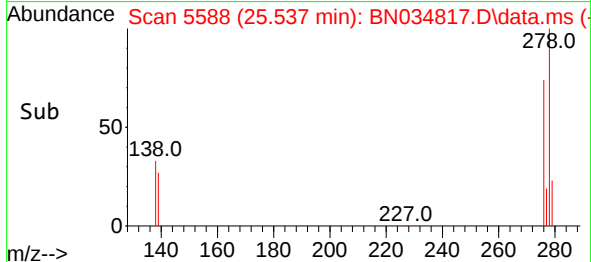
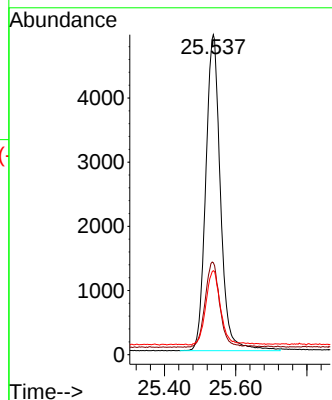
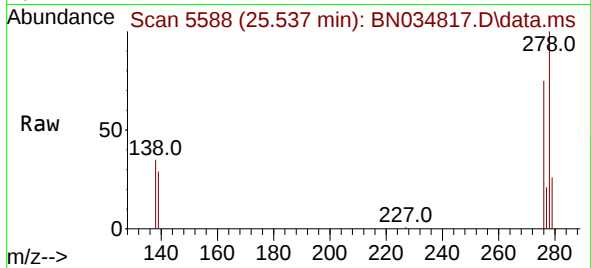




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 25.537 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Instrument :
BNA_N
ClientSampleId :
SLCS483

Tgt Ion:278 Resp: 14125
Ion Ratio Lower Upper
278 100
139 28.7 23.4 35.2
279 26.3 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BN034817.D
Acq: 01 Nov 2024 22:36

Tgt Ion:276 Resp: 14647
Ion Ratio Lower Upper
276 100
138 36.6 28.8 43.2
277 25.2 20.2 30.2

