

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034815.D
 Acq On : 01 Nov 2024 21:25
 Operator : RC/JU
 Sample : PB164465BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS465

Quant Time: Nov 03 23:28:09 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

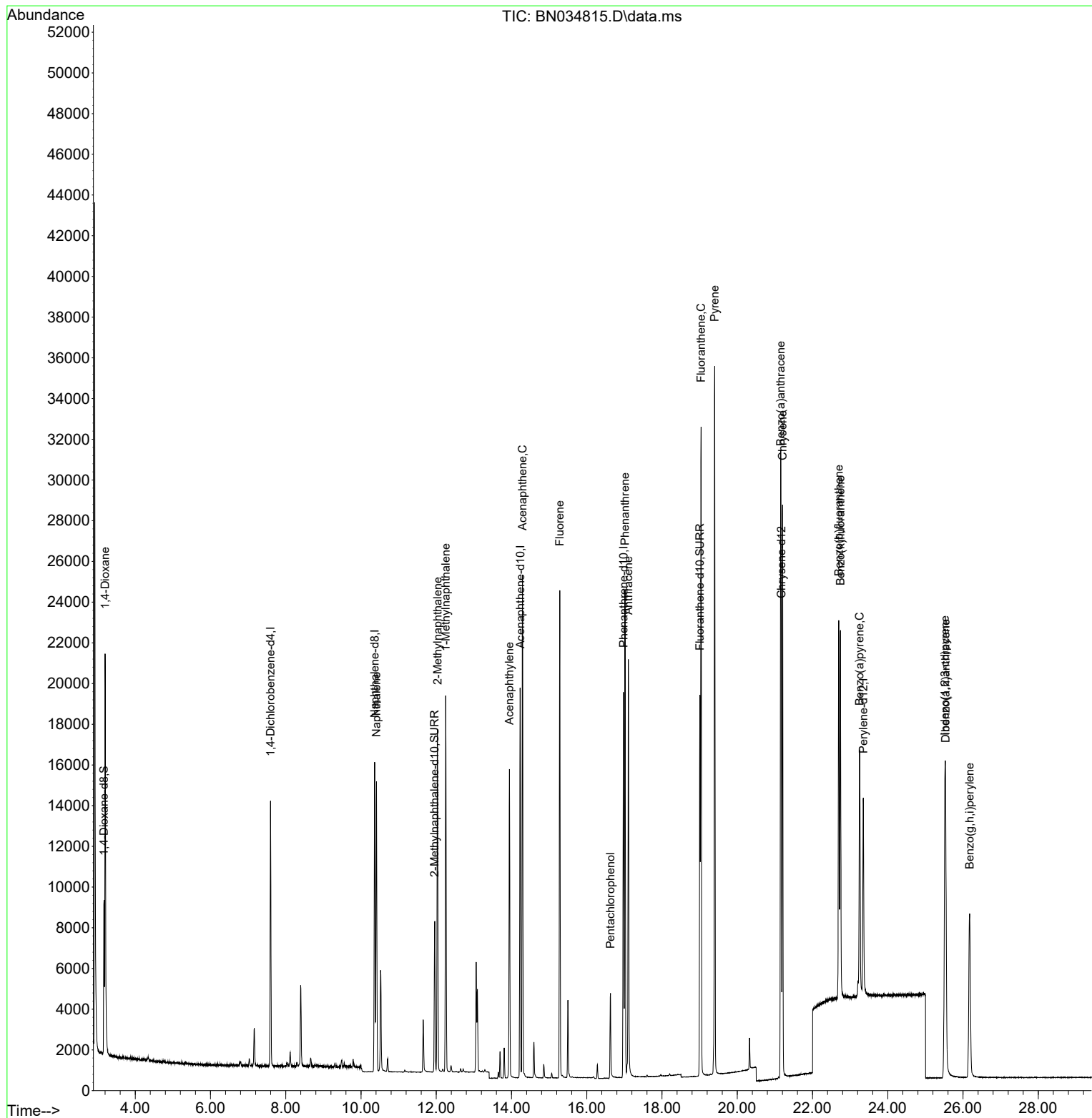
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	6345	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	18940	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.231	164	10129	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	20975	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	14759	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	12450	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	4819	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	9607	0.405	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	18416	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	12612	1.749	ng/ul#	85
5) Naphthalene	10.410	128	18826	0.375	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	11998	0.368	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	12274	0.370	ng/ul	100
10) Acenaphthylene	13.944	152	16766	0.364	ng/ul	99
11) Acenaphthene	14.291	153	13479	0.382	ng/ul	99
12) Fluorene	15.281	166	14596	0.372	ng/ul	100
14) Pentachlorophenol	16.629	266	2810	0.679	ng/ul	100
15) Phenanthrene	17.017	178	24133	0.381	ng/ul	100
16) Anthracene	17.106	178	21547	0.367	ng/ul	100
19) Fluoranthene	19.037	202	26029	0.364	ng/ul	100
20) Pyrene	19.400	202	27466	0.369	ng/ul	99
21) Benzo(a)anthracene	21.151	228	22481	0.381	ng/ul	100
22) Chrysene	21.204	228	23681	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.697	252	20824	0.411	ng/ul	99
25) Benzo(k)fluoranthene	22.741	252	21437	0.419	ng/ul	100
26) Benzo(a)pyrene	23.250	252	17272	0.396	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.517	276	18875	0.406	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.537	278	14630	0.417	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	15144	0.415	ng/ul	99

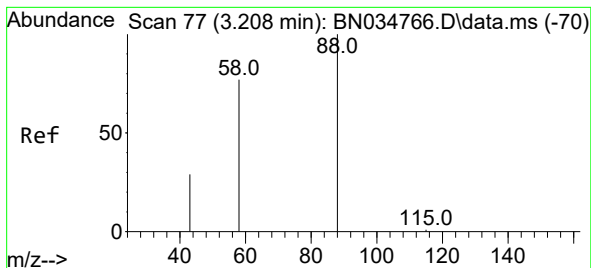
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.749 ng/ul

RT: 3.199 min Scan# 71

Delta R.T. -0.009 min

Lab File: BN034815.D

Acq: 01 Nov 2024 21:25

Instrument :

BNA_N

ClientSampleId :

SLCS465

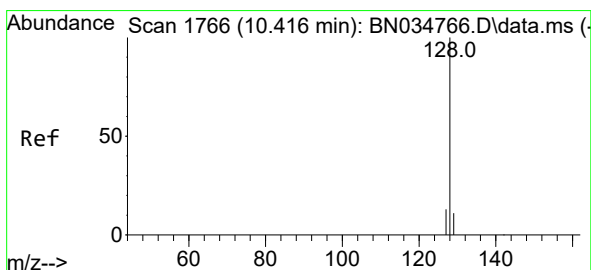
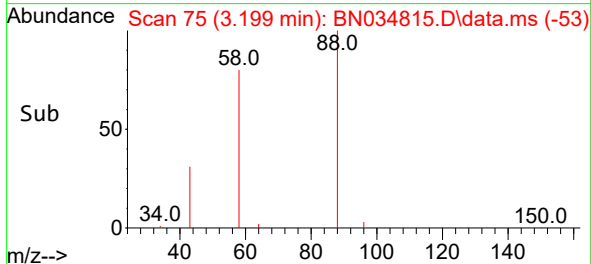
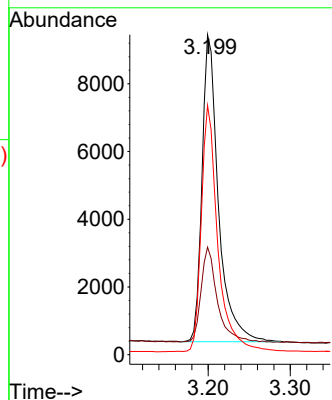
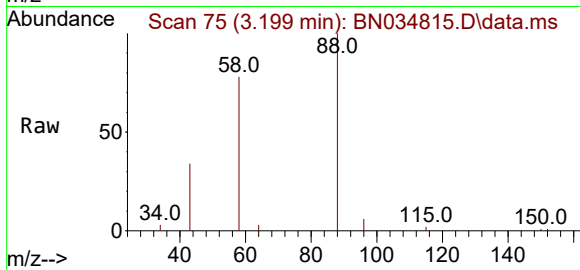
Tgt Ion: 88 Resp: 12612

Ion Ratio Lower Upper

88 100

43 33.6 41.9 62.9#

58 77.9 57.5 86.3



#5

Naphthalene

Concen: 0.375 ng/ul

RT: 10.410 min Scan# 1765

Delta R.T. -0.011 min

Lab File: BN034815.D

Acq: 01 Nov 2024 21:25

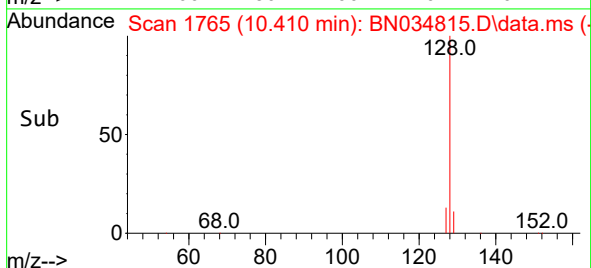
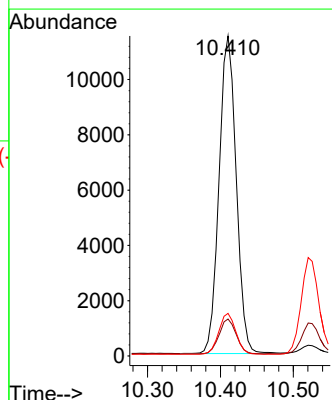
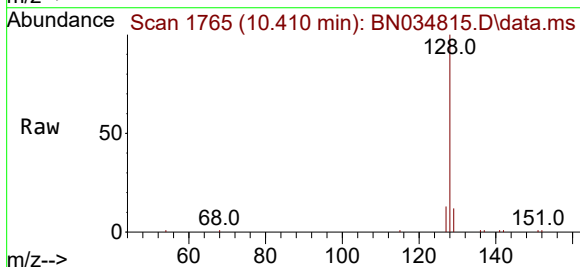
Tgt Ion:128 Resp: 18826

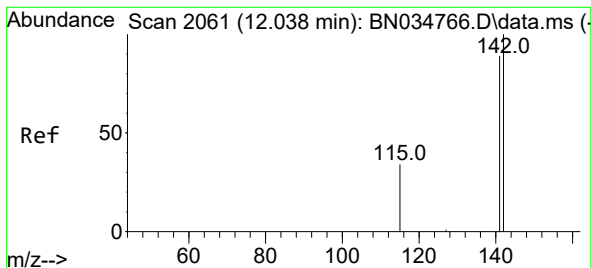
Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

127 13.3 10.5 15.7

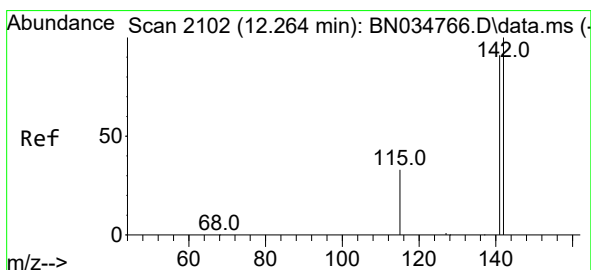
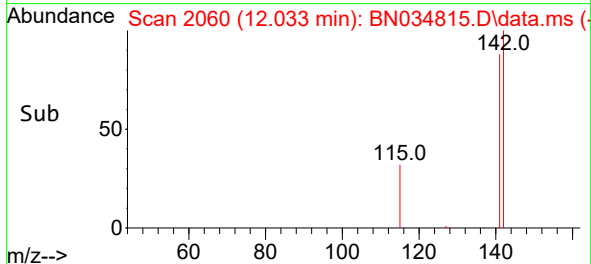
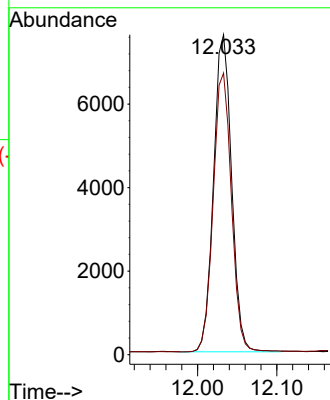
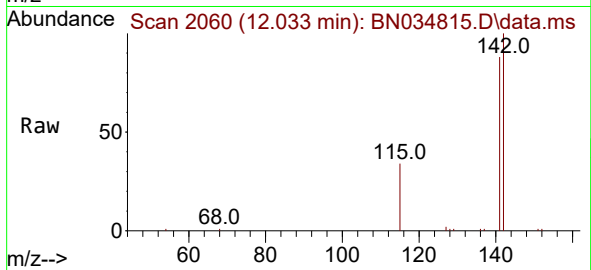




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

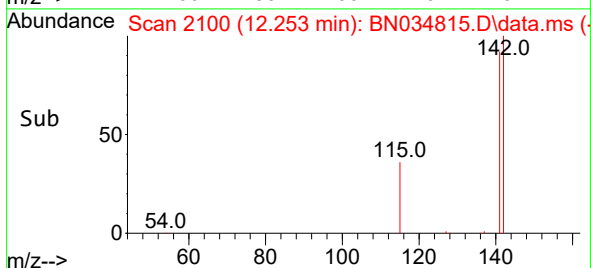
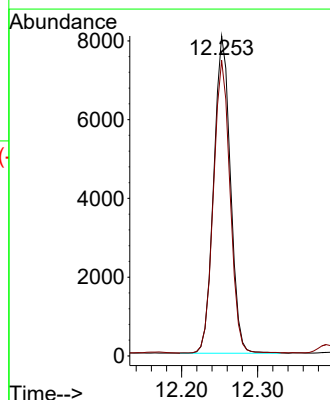
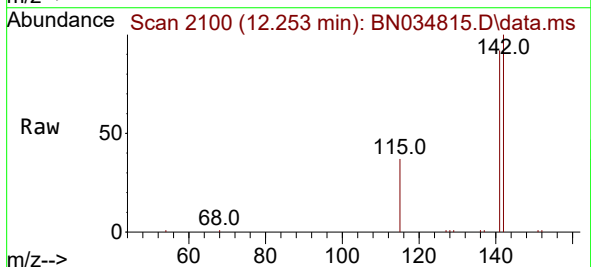
Instrument :
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SLCS465

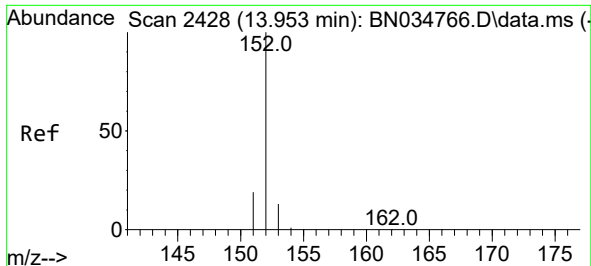
Tgt Ion:142 Resp: 11998
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:142 Resp: 12274
Ion Ratio Lower Upper
142 100
141 91.7 73.6 110.4

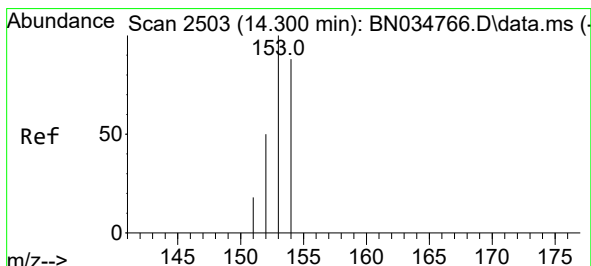
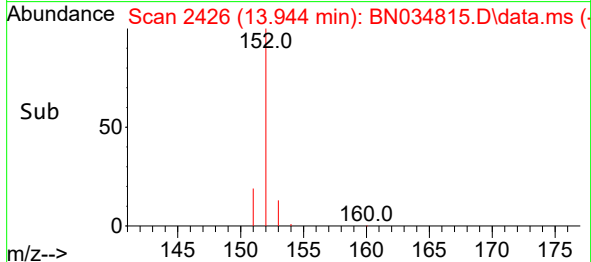
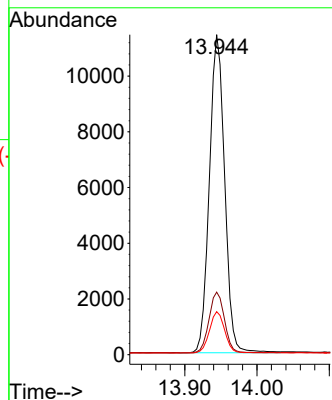
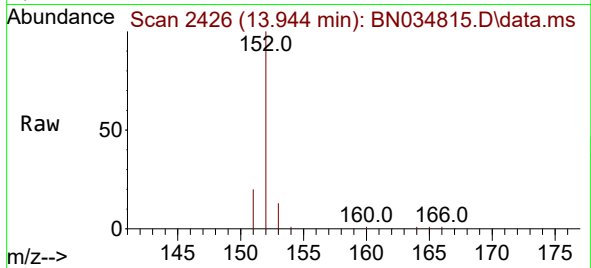




#10
Acenaphthylene
Concen: 0.364 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

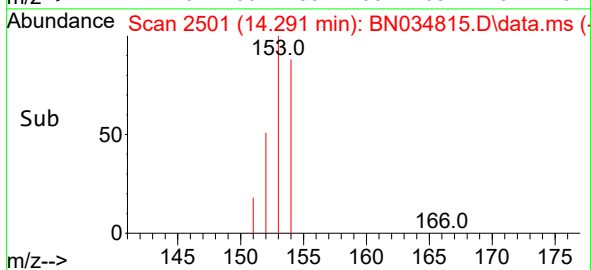
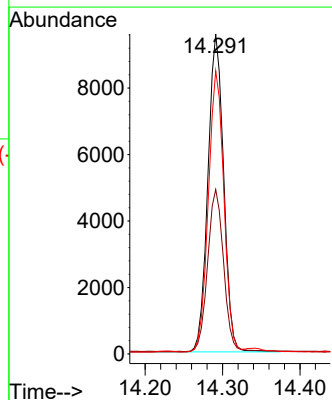
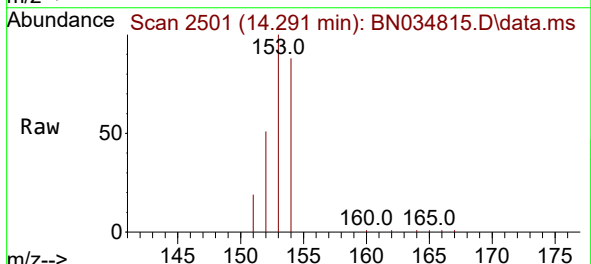
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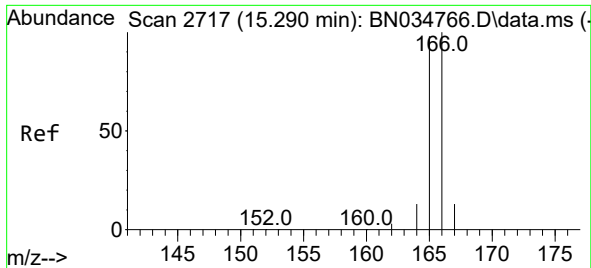
Tgt Ion:152 Resp: 16766
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.4 10.7 16.1



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:153 Resp: 13479
Ion Ratio Lower Upper
153 100
152 51.4 40.3 60.5
154 88.5 69.9 104.9

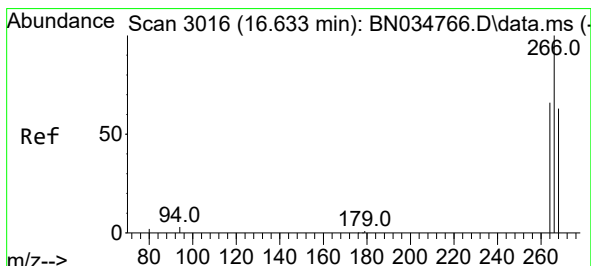
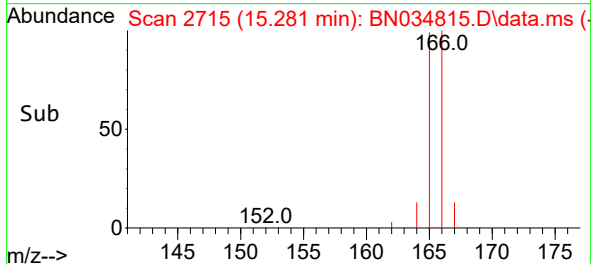
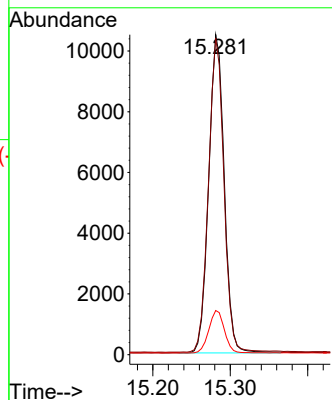
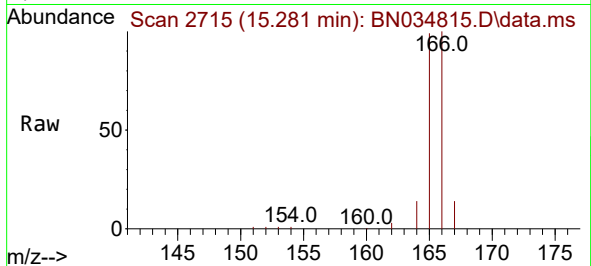




#12
Fluorene
Concen: 0.372 ng/ul
RT: 15.281 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

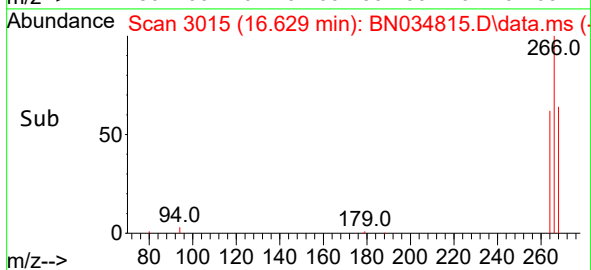
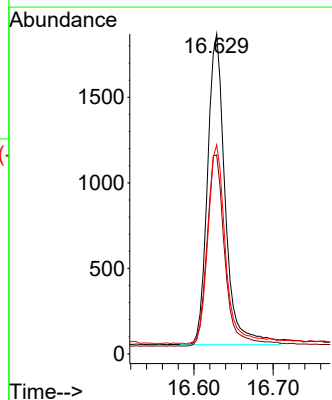
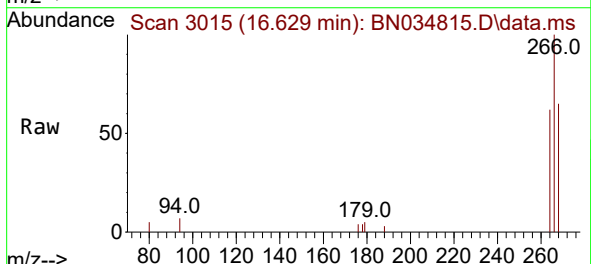
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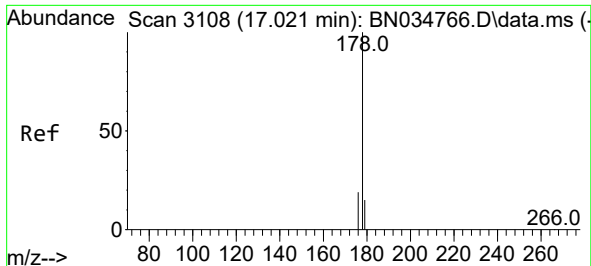
Tgt Ion:166 Resp: 14596
Ion Ratio Lower Upper
166 100
165 99.0 79.1 118.7
167 13.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.679 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:266 Resp: 2810
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 64.7 52.0 78.0

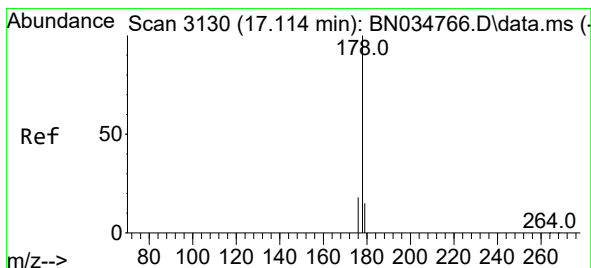
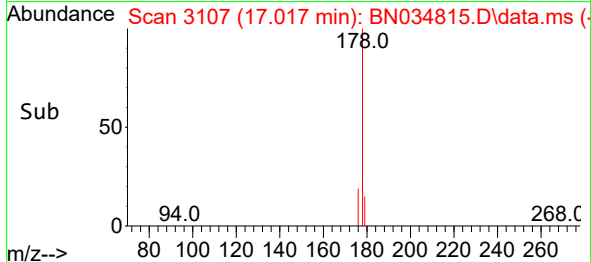
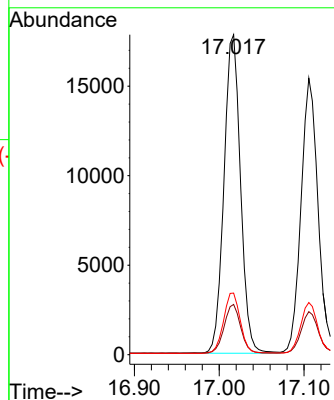
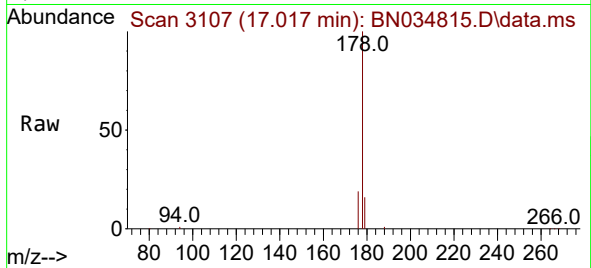




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

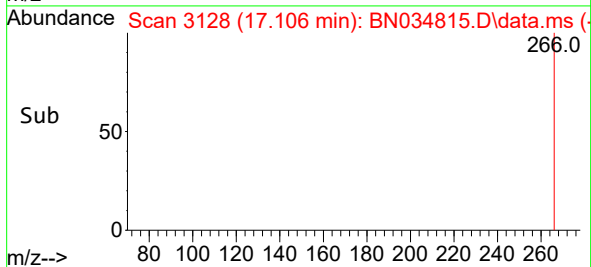
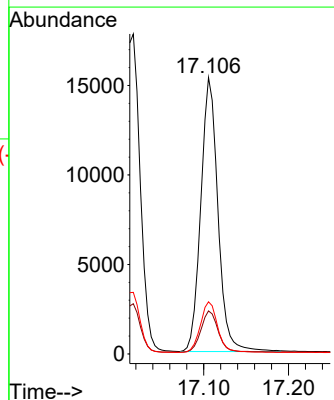
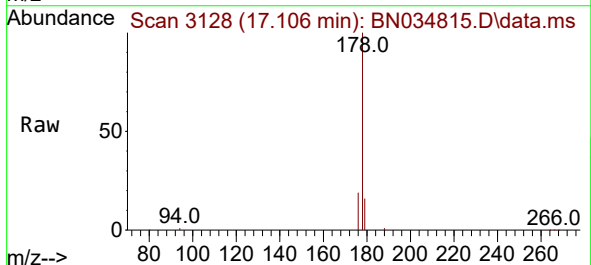
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ClientSampleId :
SLCS465

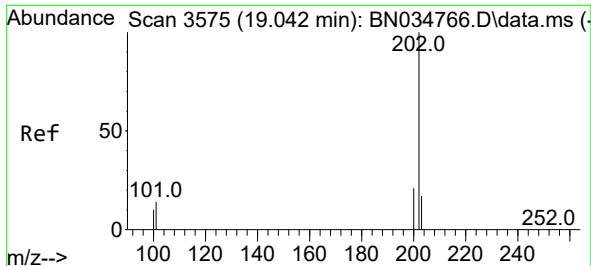
Tgt Ion:	178	Resp:	24133
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	19.2	15.4	23.0



#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:	178	Resp:	21547
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	18.9	15.1	22.7

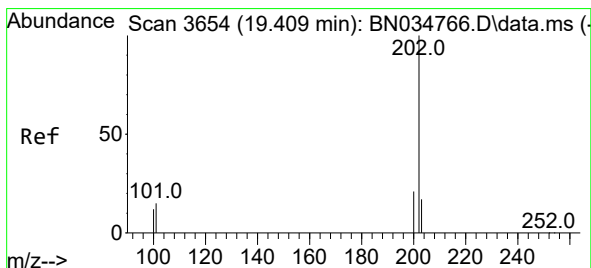
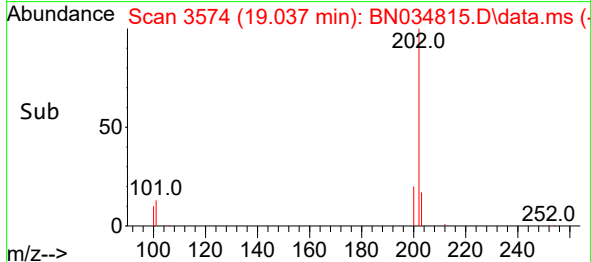
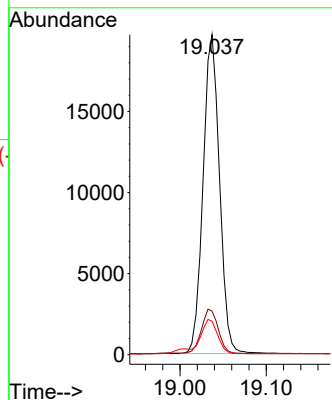
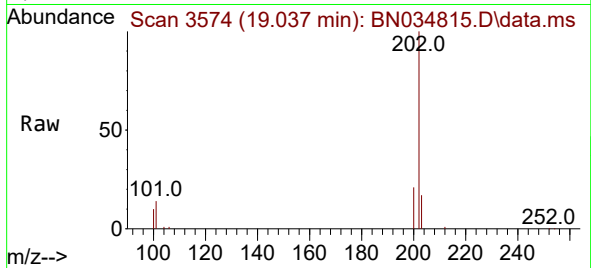




#19
Fluoranthene
Concen: 0.364 ng/ul
RT: 19.037 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

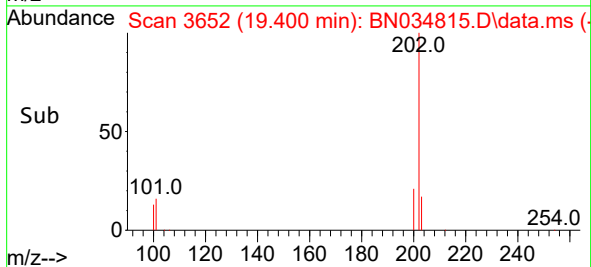
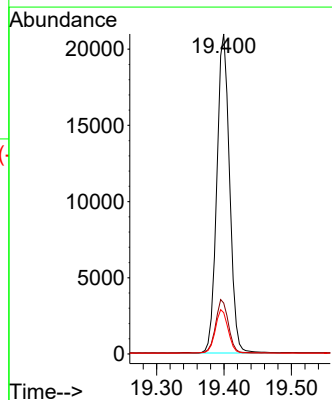
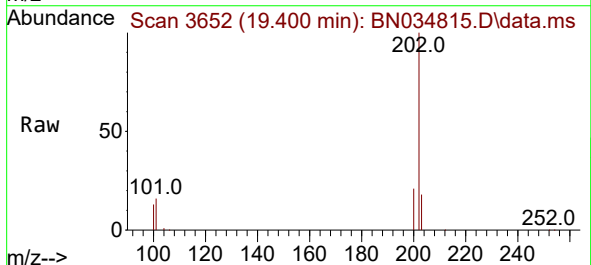
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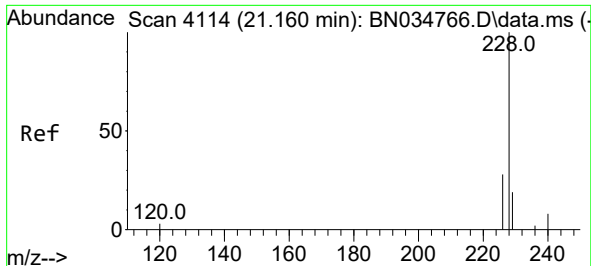
Tgt Ion:202 Resp: 26029
Ion Ratio Lower Upper
202 100
101 13.6 10.8 16.2
100 10.4 8.2 12.2



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

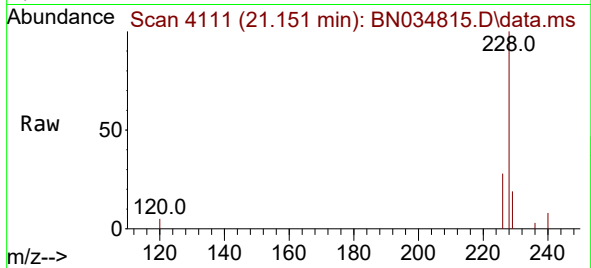
Tgt Ion:202 Resp: 27466
Ion Ratio Lower Upper
202 100
101 15.9 12.4 18.6
100 12.9 10.0 15.0



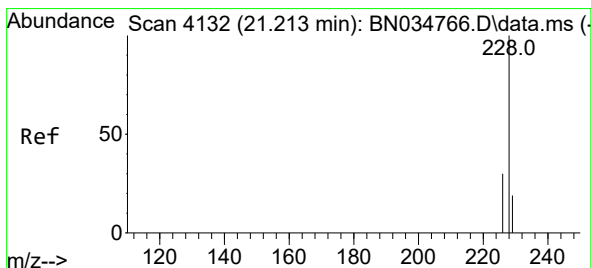
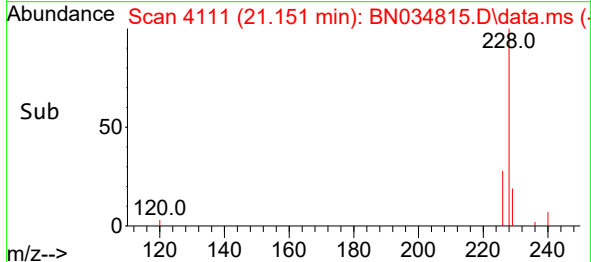
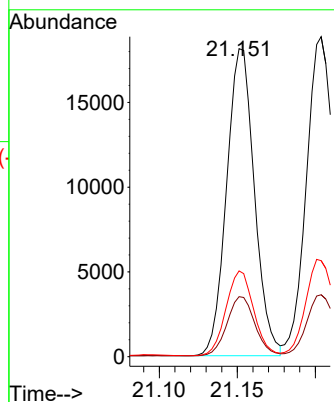


#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.151 min Scan# 4111
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Instrument :
BNA_N
ClientSampleId :
SLCS465

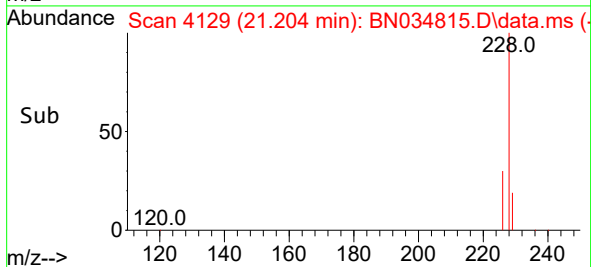
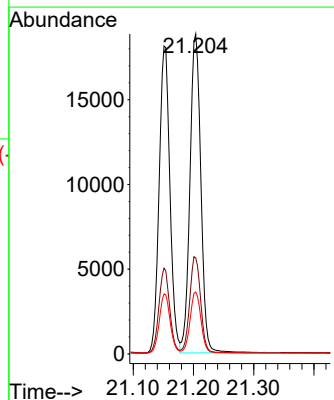
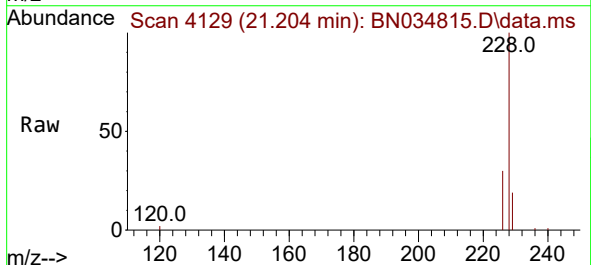


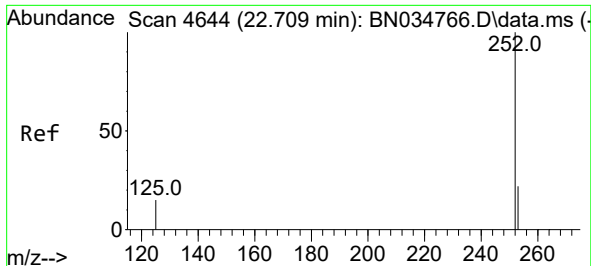
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Ion Ratio Lower Upper
228 100
229 19.5 15.5 23.3
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:228 Resp: 23681
Ion Ratio Lower Upper
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226 30.0 24.3 36.5
229 19.4 15.6 23.4

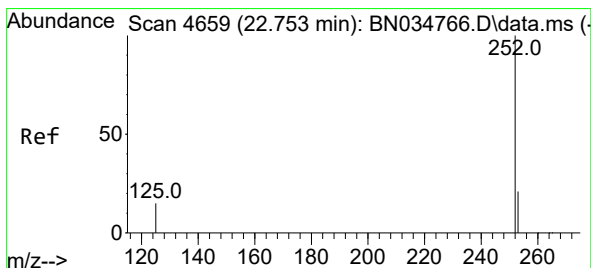
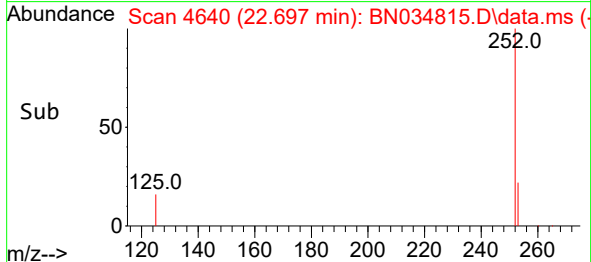
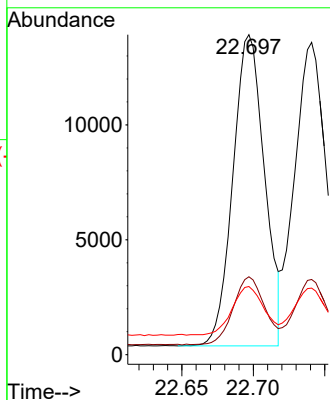
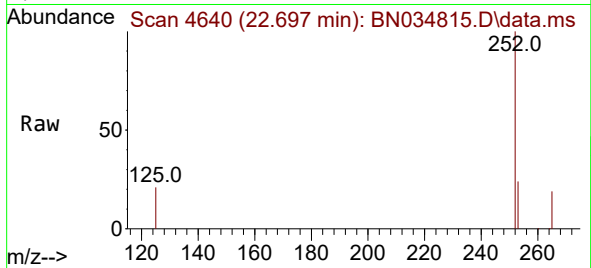




#24
Benzo(b)fluoranthene
Concen: 0.411 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.012 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

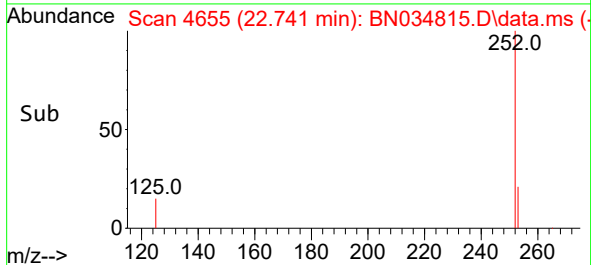
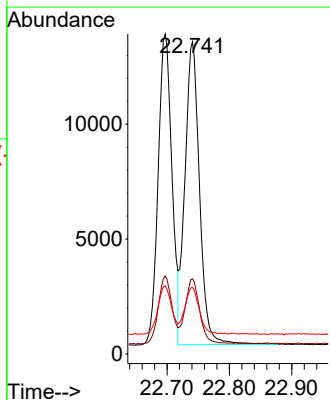
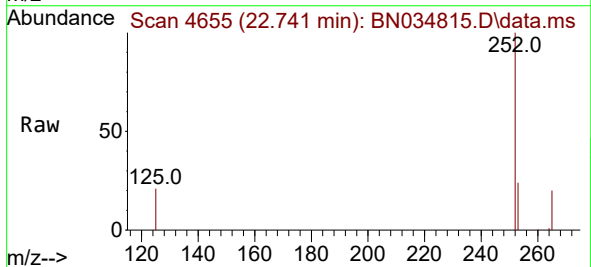
Instrument :
BNA_N
ClientSampleId :
SLCS465

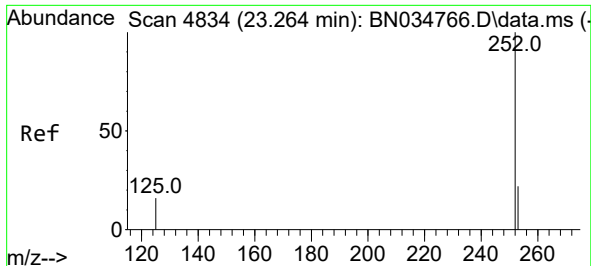
Tgt Ion:252 Resp: 20824
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.6
125 21.3 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 22.741 min Scan# 4655
Delta R.T. -0.009 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:252 Resp: 21437
Ion Ratio Lower Upper
252 100
253 24.1 19.1 28.7
125 21.3 17.0 25.4

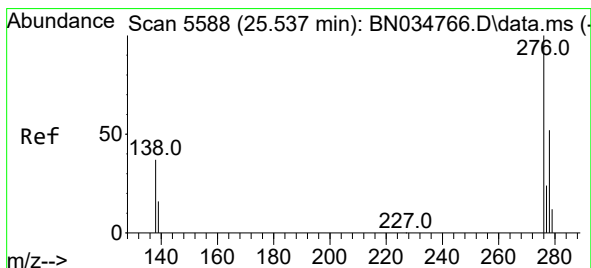
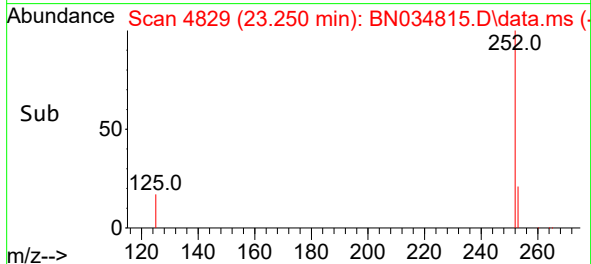
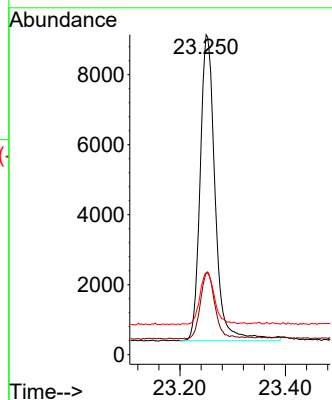
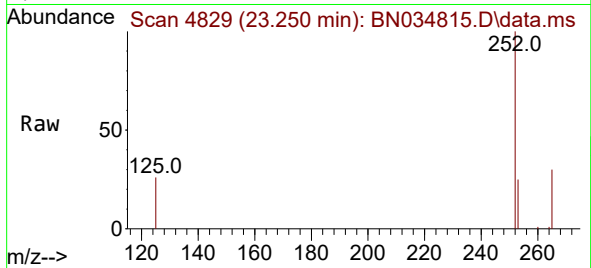




#26
Benzo(a)pyrene
Concen: 0.396 ng/ul
RT: 23.250 min Scan# 4829
Delta R.T. -0.015 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

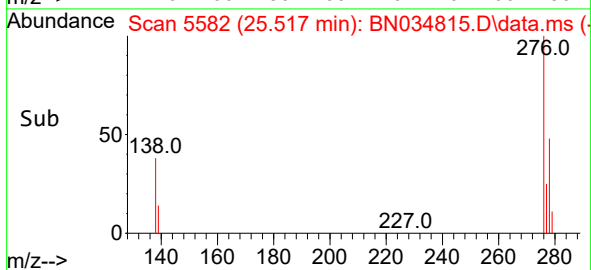
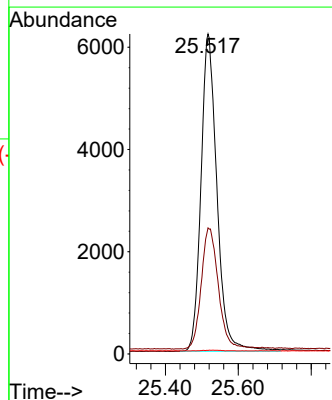
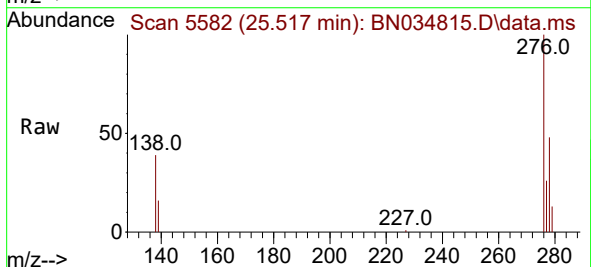
Instrument :
BNA_N
ClientSampleId :
SLCS465

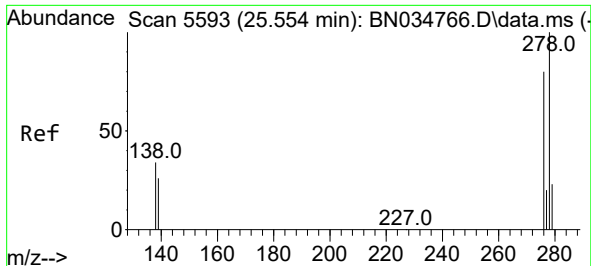
Tgt Ion:252 Resp: 17272
Ion Ratio Lower Upper
252 100
253 25.4 20.0 30.0
125 25.6 19.8 29.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 25.517 min Scan# 5582
Delta R.T. -0.020 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:276 Resp: 18875
Ion Ratio Lower Upper
276 100
138 41.3 31.8 47.6
227 0.2 0.2 0.4

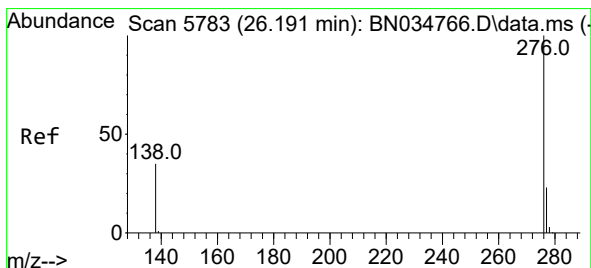
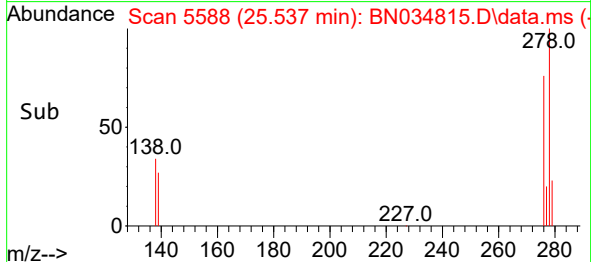
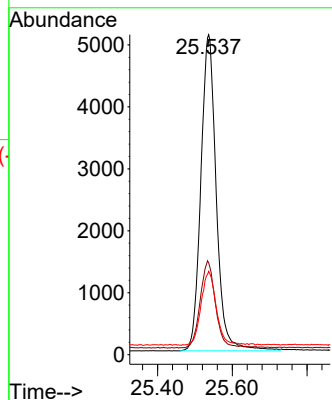
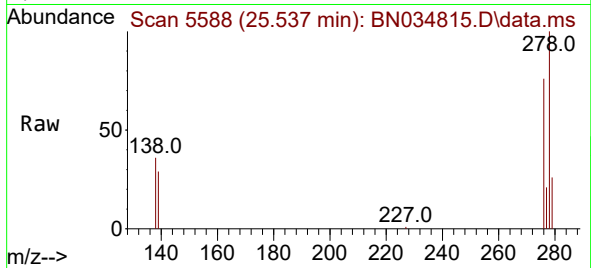




#28
Dibenzo(a,h)anthracene
Concen: 0.417 ng/ul
RT: 25.537 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Instrument :
BNA_N
ClientSampleId :
SLCS465

Tgt Ion:278 Resp: 14630
Ion Ratio Lower Upper
278 100
139 28.7 23.4 35.2
279 26.0 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BN034815.D
Acq: 01 Nov 2024 21:25

Tgt Ion:276 Resp: 15144
Ion Ratio Lower Upper
276 100
138 36.8 28.8 43.2
277 25.6 20.2 30.2

