

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035131.D
 Acq On : 16 Nov 2024 06:50
 Operator : RC/JU
 Sample : PB164843BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS843

Quant Time: Nov 18 00:22:14 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 : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

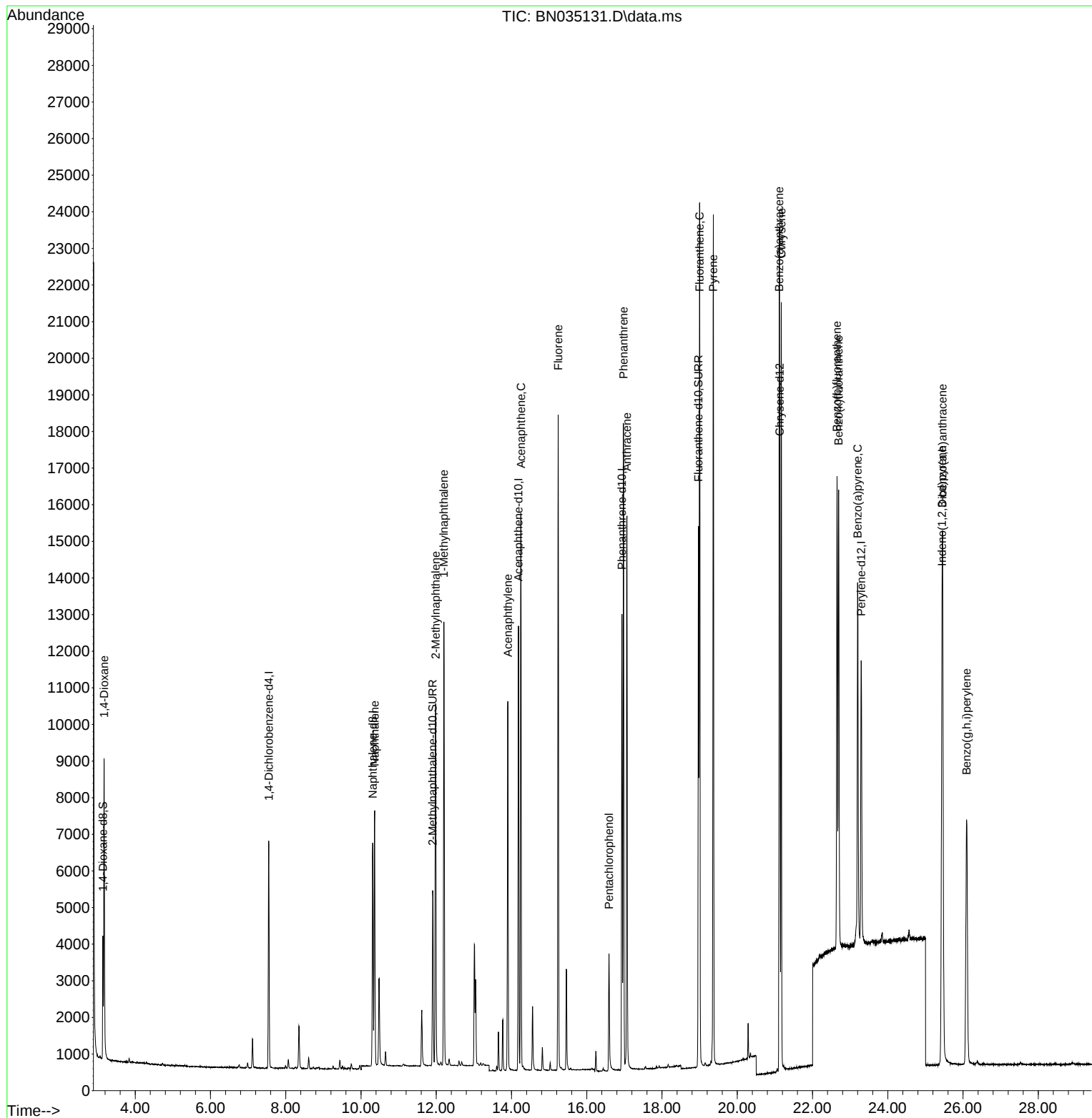
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	3105	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	8156	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.185	164	6514	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	15210	0.400	ng/ul	0.00
17) Chrysene-d12	21.131	240	10789	0.400	ng/ul	# 0.00
23) Perylene-d12	23.293	264	10079	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2387	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	6414	0.513	ng/ul	-0.01
18) Fluoranthene-d10	18.967	212	17624	0.636	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.174	88	6396	1.975	ng/ul#	91
5) Naphthalene	10.361	128	9073	0.445	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	6843	0.449	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	7989	0.522	ng/ul	99
10) Acenaphthylene	13.903	152	11348	0.426	ng/ul	99
11) Acenaphthene	14.250	153	8690	0.431	ng/ul	98
12) Fluorene	15.240	166	10664	0.416	ng/ul	99
14) Pentachlorophenol	16.591	266	2284	0.650	ng/ul	98
15) Phenanthrene	16.975	178	17758	0.437	ng/ul	99
16) Anthracene	17.068	178	16258	0.426	ng/ul	98
19) Fluoranthene	19.000	202	20116	0.558	ng/ul#	96
20) Pyrene	19.362	202	20524	0.549	ng/ul#	95
21) Benzo(a)anthracene	21.116	228	17114	0.438	ng/ul	100
22) Chrysene	21.169	228	17106	0.429	ng/ul	99
24) Benzo(b)fluoranthene	22.650	252	15724	0.444	ng/ul	97
25) Benzo(k)fluoranthene	22.694	252	15817	0.426	ng/ul#	97
26) Benzo(a)pyrene	23.200	252	13952	0.441	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.440	276	17924	0.463	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.457	278	14040	0.465	ng/ul#	97
29) Benzo(g,h,i)perylene	26.094	276	14156	0.479	ng/ul#	97

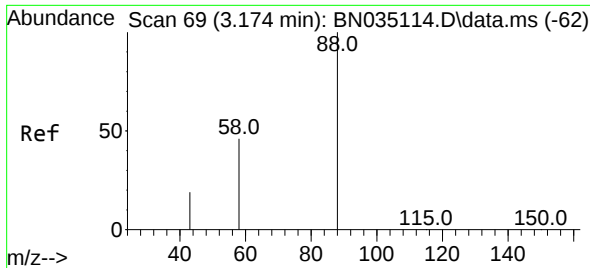
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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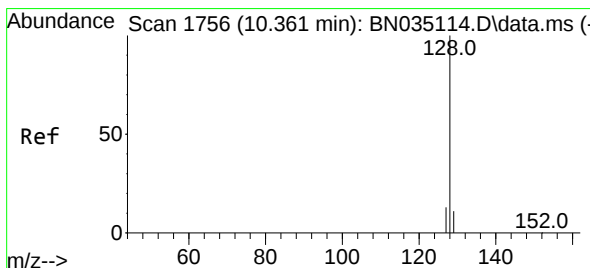
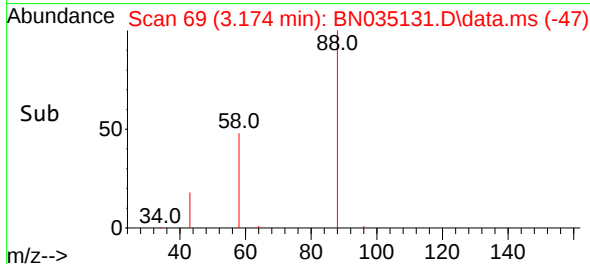
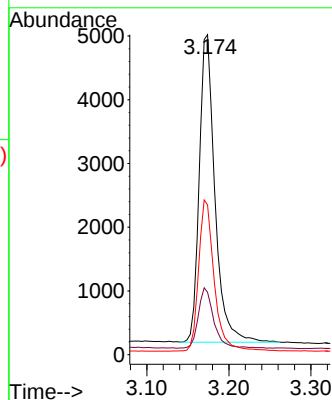
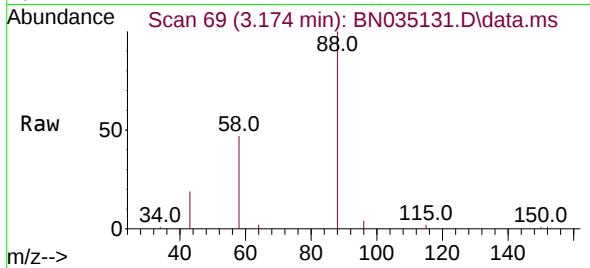




#2
1,4-Dioxane
Concen: 1.975 ng/ul
RT: 3.174 min Scan# 69
Delta R.T. -0.009 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

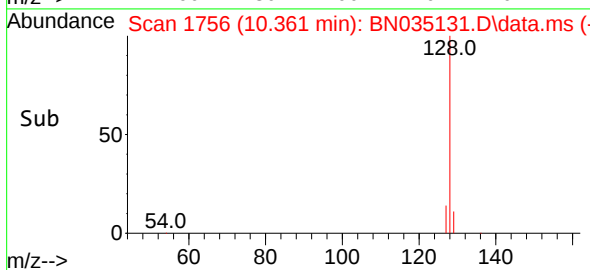
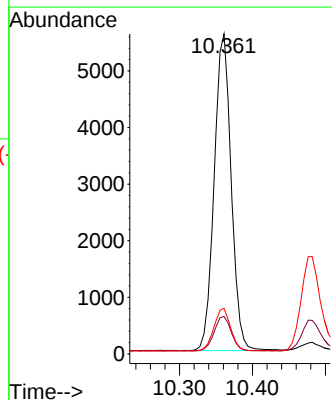
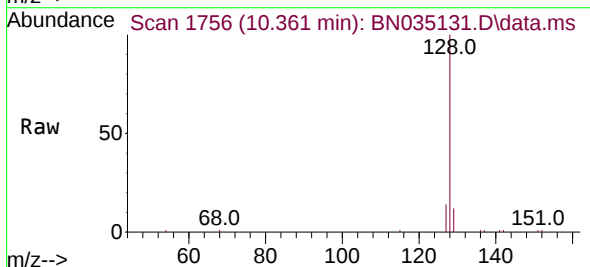
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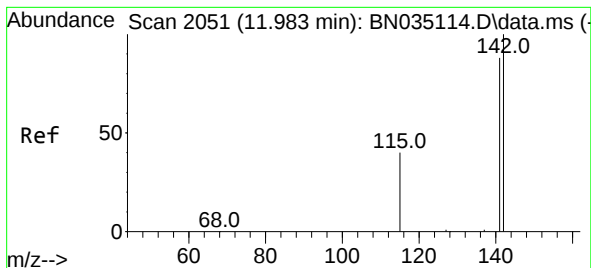
Tgt Ion: 88 Resp: 6396
Ion Ratio Lower Upper
88 100
43 19.5 23.3 34.9#
58 46.8 35.4 53.2



#5
Naphthalene
Concen: 0.445 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion: 128 Resp: 9073
Ion Ratio Lower Upper
128 100
129 11.7 10.1 15.1
127 14.2 12.1 18.1

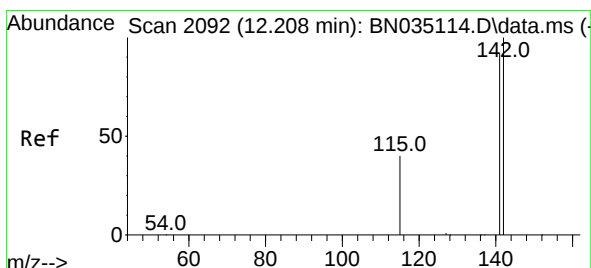
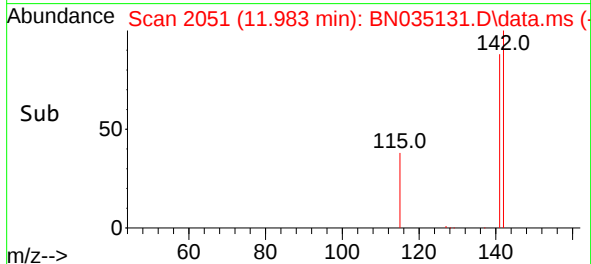
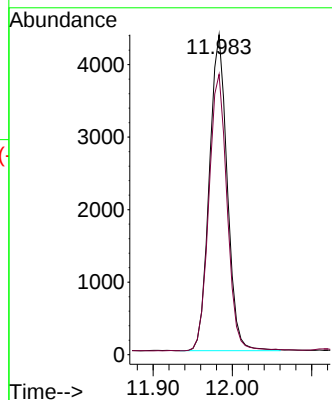
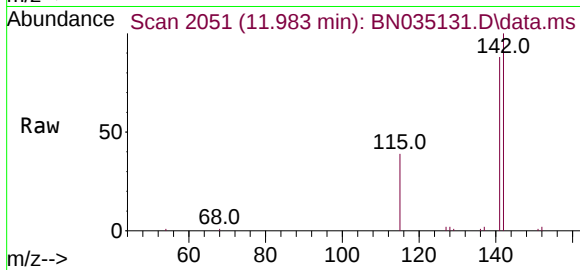




#7
2-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.011 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

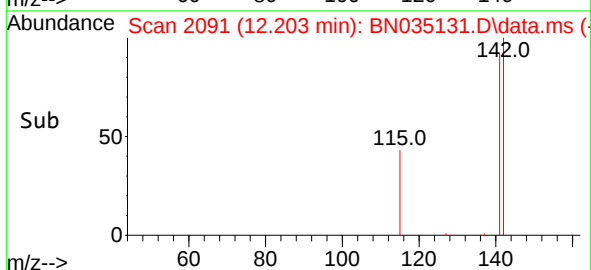
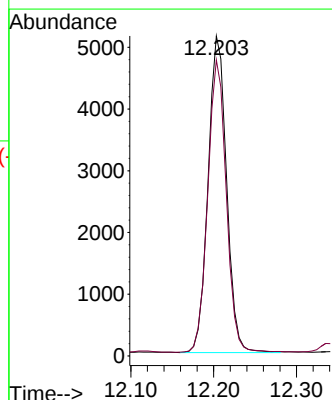
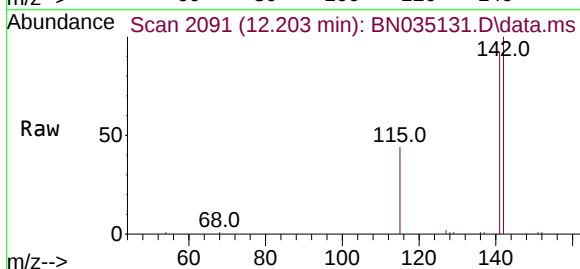
Instrument :
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ClientSampleId :
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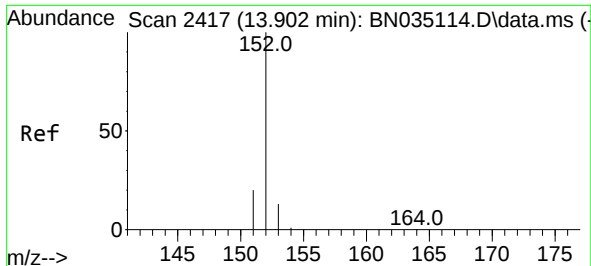
Tgt Ion:142 Resp: 6843
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.522 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:142 Resp: 7989
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8

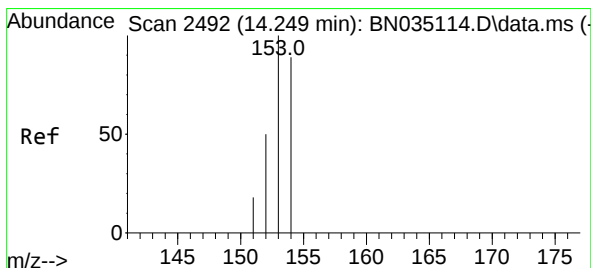
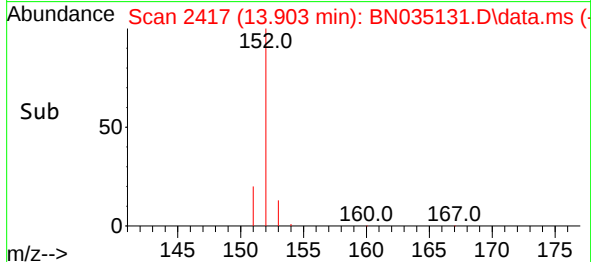
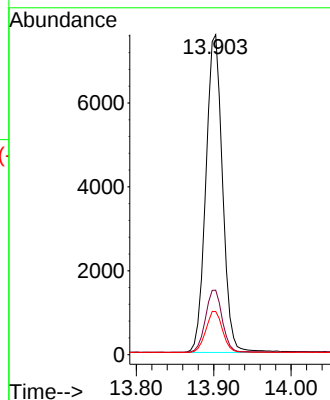
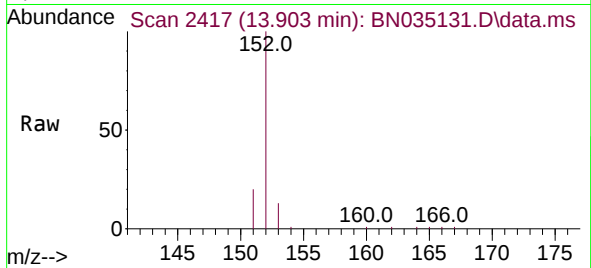




#10
Acenaphthylene
Concen: 0.426 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

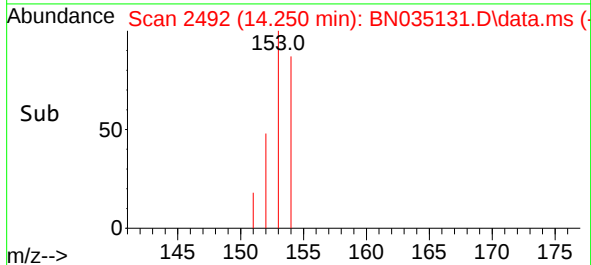
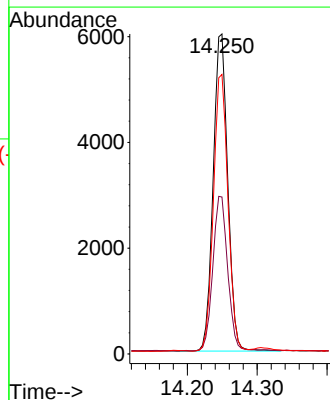
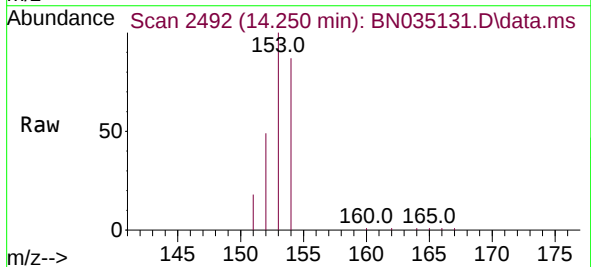
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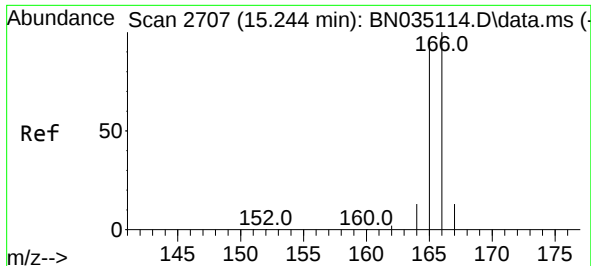
Tgt Ion:152 Resp: 11348
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 13.5 11.0 16.6



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:153 Resp: 8690
Ion Ratio Lower Upper
153 100
152 49.0 41.5 62.3
154 87.3 70.9 106.3

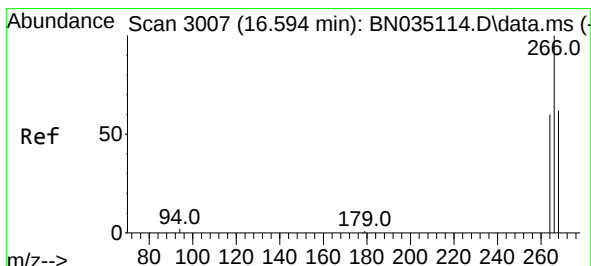
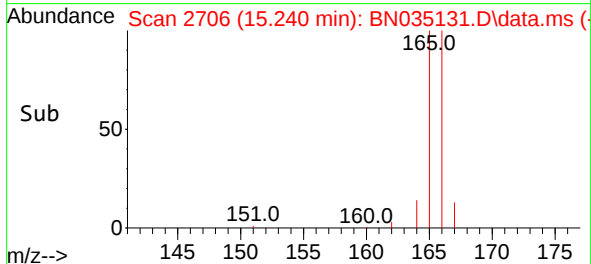
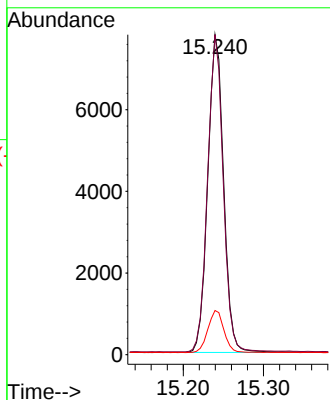
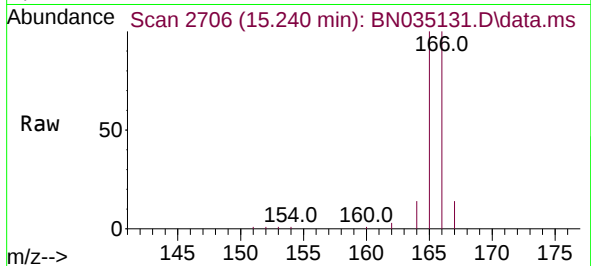




#12
 Fluorene
 Concen: 0.416 ng/ul
 RT: 15.240 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN035131.D
 Acq: 16 Nov 2024 06:50

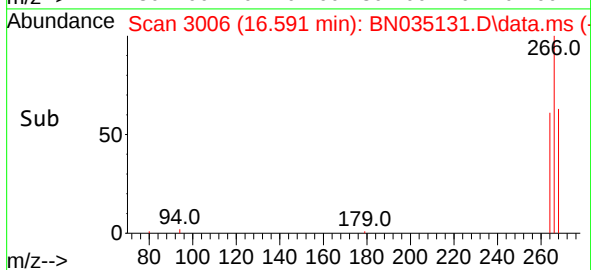
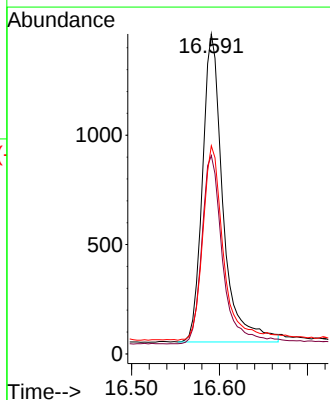
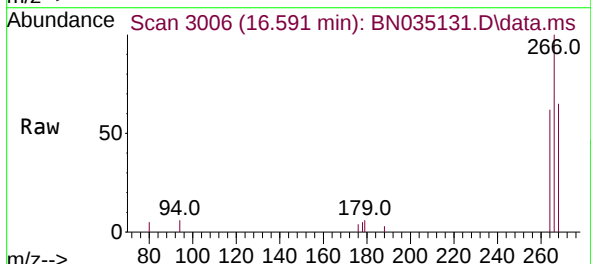
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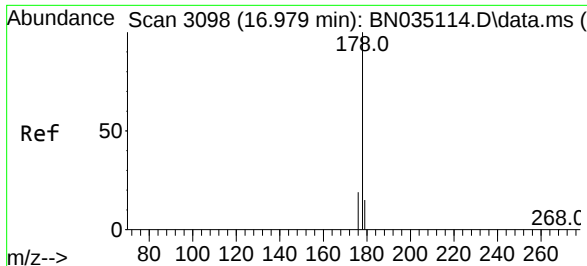
Tgt Ion:166 Resp: 10664
 Ion Ratio Lower Upper
 166 100
 165 100.0 79.0 118.4
 167 13.8 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.650 ng/ul
 RT: 16.591 min Scan# 3006
 Delta R.T. -0.004 min
 Lab File: BN035131.D
 Acq: 16 Nov 2024 06:50

Tgt Ion:266 Resp: 2284
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.2 75.2
 268 64.1 48.4 72.6

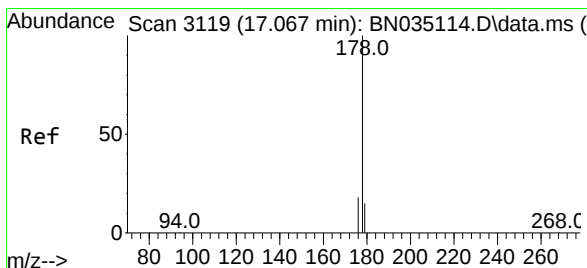
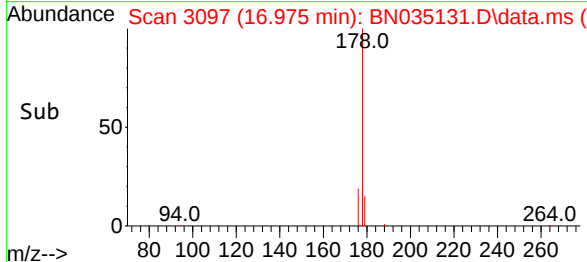
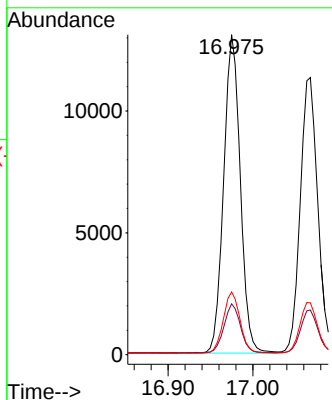
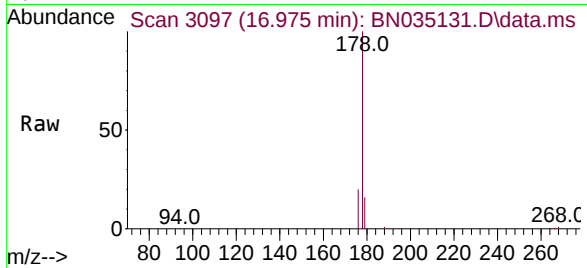




#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 16.975 min Scan# 3097
Delta R.T. -0.009 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

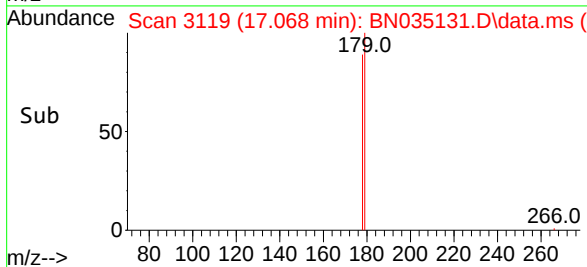
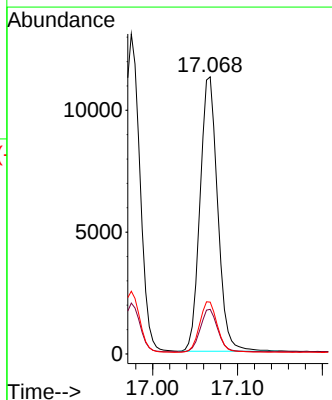
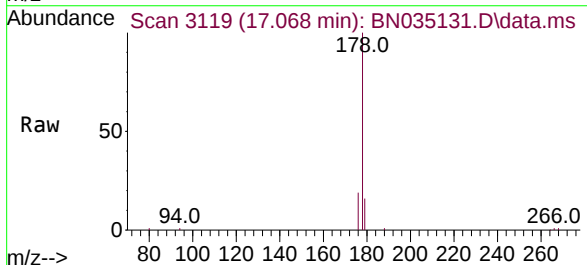
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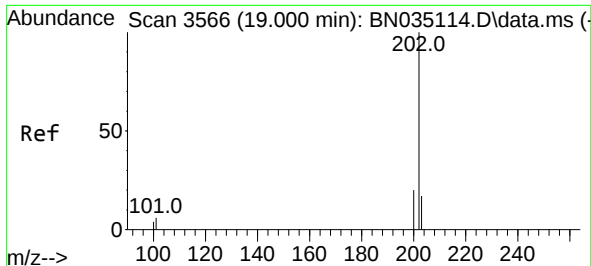
Tgt Ion:178 Resp: 17758
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.426 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:178 Resp: 16258
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 18.7 15.8 23.8

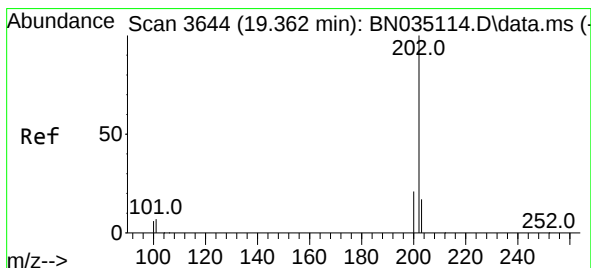
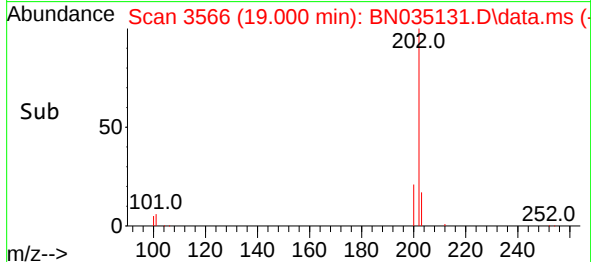
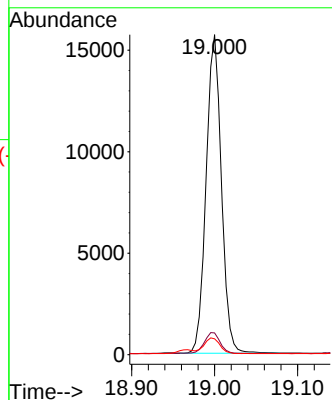
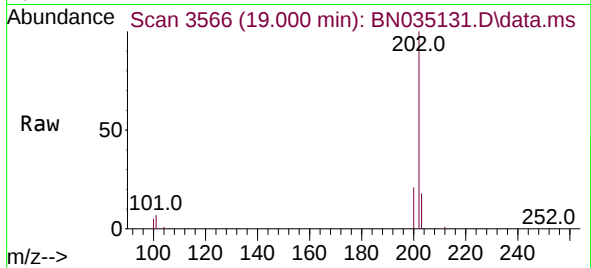




#19
Fluoranthene
Concen: 0.558 ng/u1
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

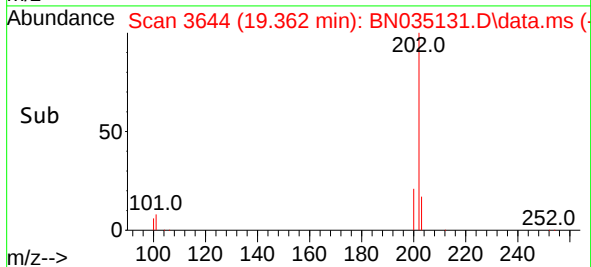
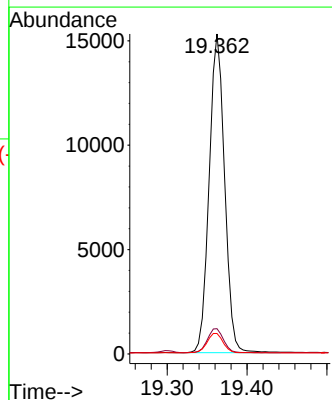
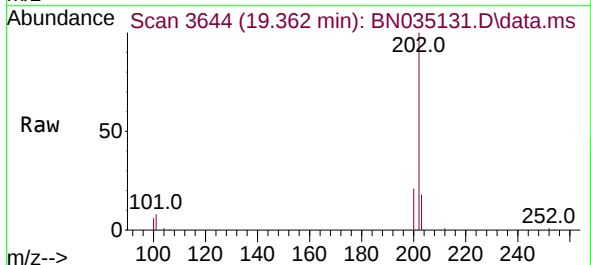
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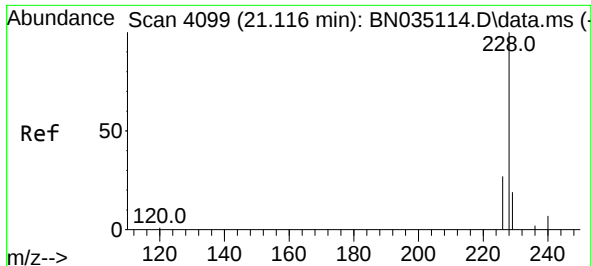
Tgt Ion:202 Resp: 20116
Ion Ratio Lower Upper
202 100
101 6.8 4.2 6.2#
100 5.0 3.2 4.8#



#20
Pyrene
Concen: 0.549 ng/u1
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:202 Resp: 20524
Ion Ratio Lower Upper
202 100
101 7.9 5.0 7.4#
100 6.4 4.1 6.1#

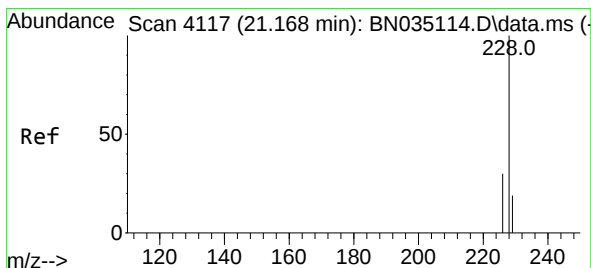
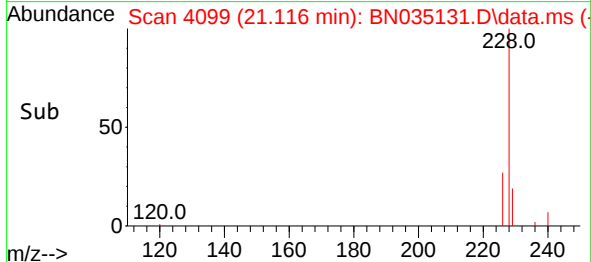
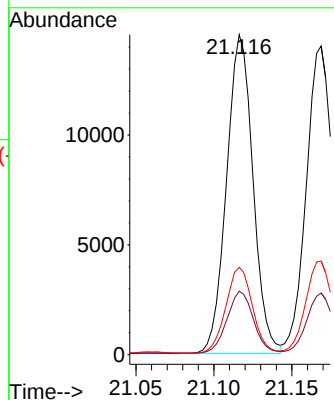
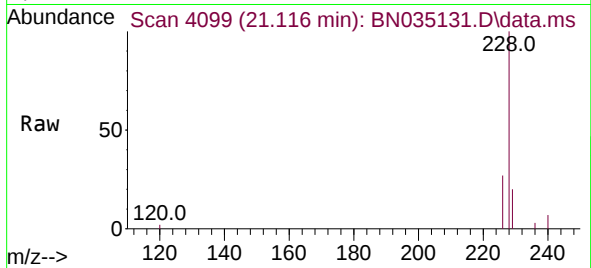




#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.116 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

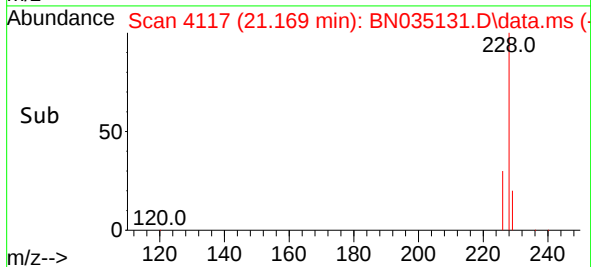
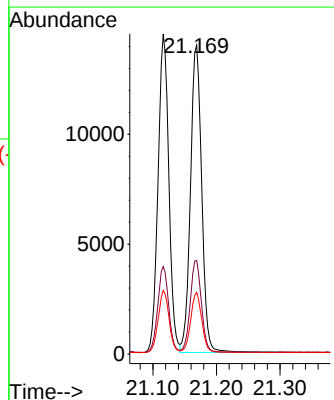
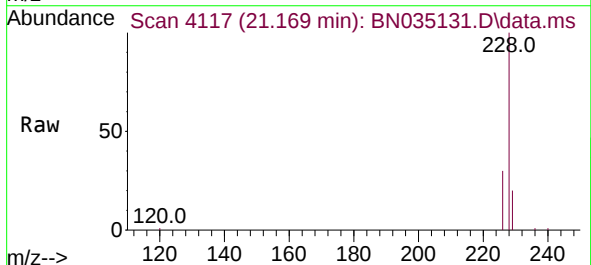
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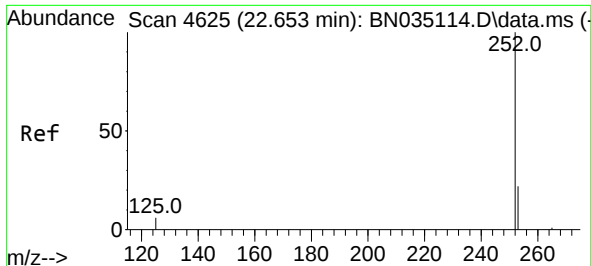
Tgt Ion:228 Resp: 17114
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.8
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.169 min Scan# 4117
Delta R.T. -0.003 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:228 Resp: 17106
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.4
229 20.0 15.4 23.2

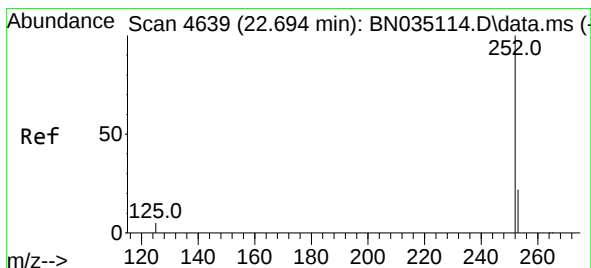
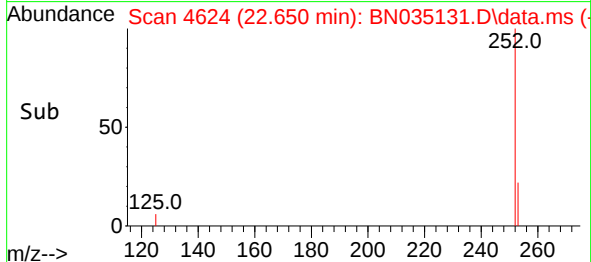
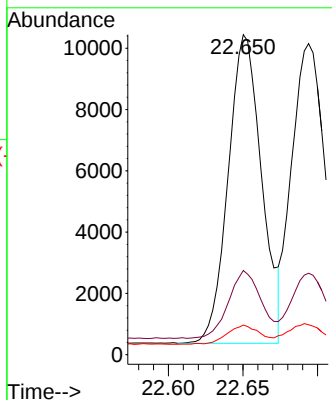
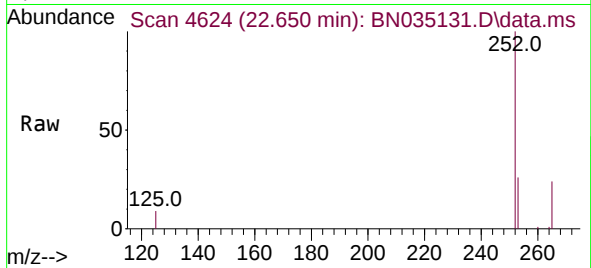




#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 22.650 min Scan# 4624
Delta R.T. -0.006 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

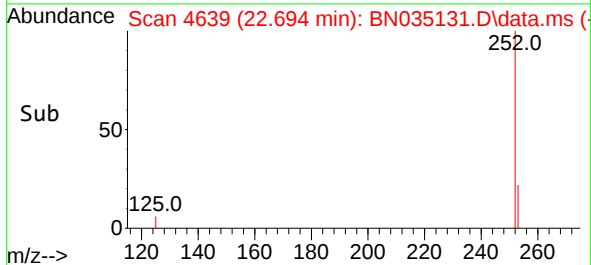
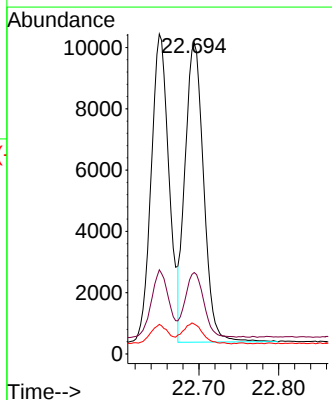
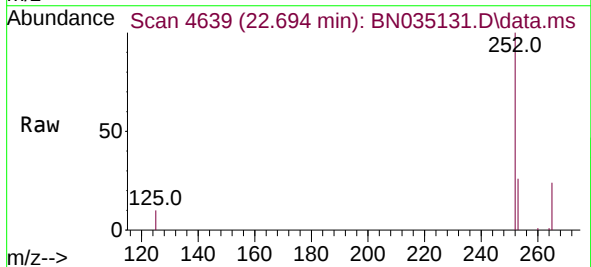
Instrument :
BNA_N
ClientSampleId :
SLCS843

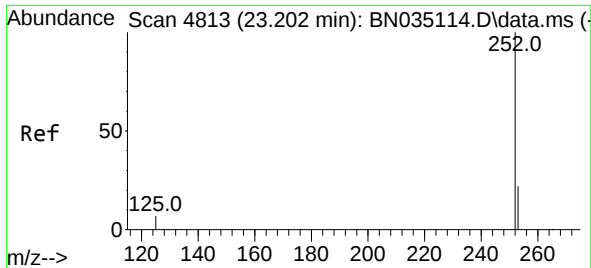
Tgt Ion:252 Resp: 15724
Ion Ratio Lower Upper
252 100
253 26.3 0.0 50.0
125 9.3 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.003 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:252 Resp: 15817
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.4
125 9.6 5.8 8.8#

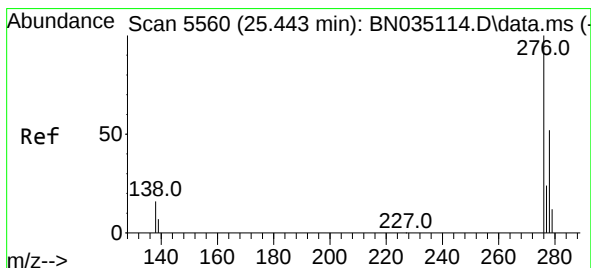
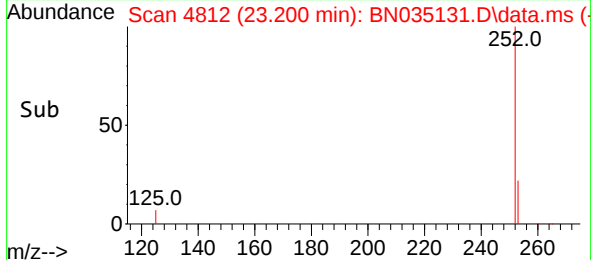
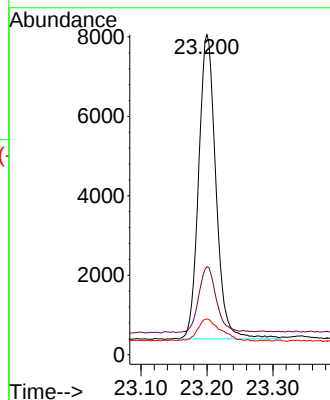
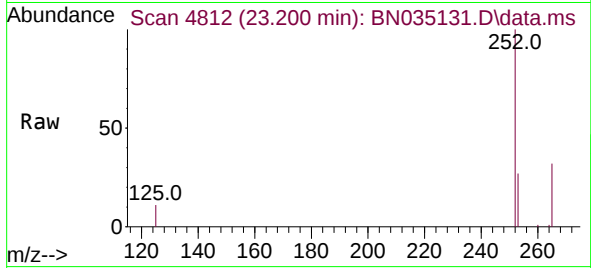




#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.200 min Scan# 4813
Delta R.T. -0.006 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

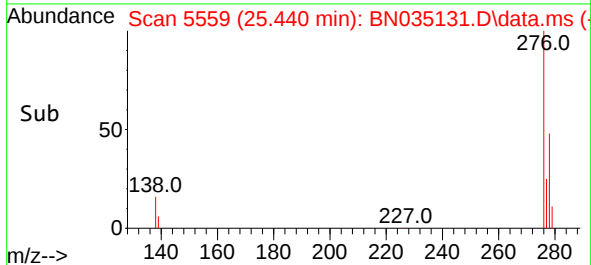
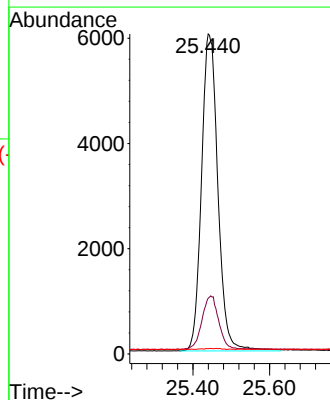
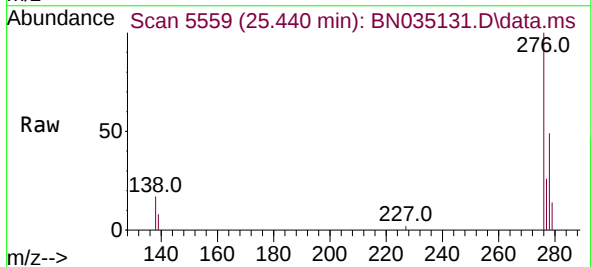
Instrument :
BNA_N
ClientSampleId :
SLCS843

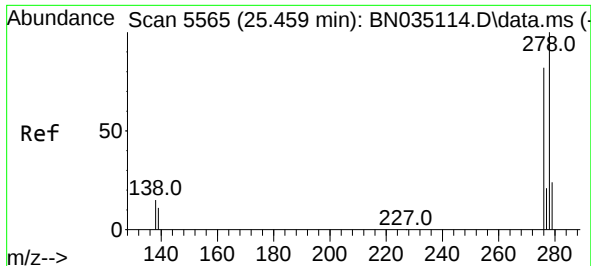
Tgt Ion:252 Resp: 13952
Ion Ratio Lower Upper
252 100
253 27.5 21.2 31.8
125 11.1 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.440 min Scan# 5559
Delta R.T. -0.007 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:276 Resp: 17924
Ion Ratio Lower Upper
276 100
138 17.2 10.8 16.2#
227 0.1 0.2 0.4#

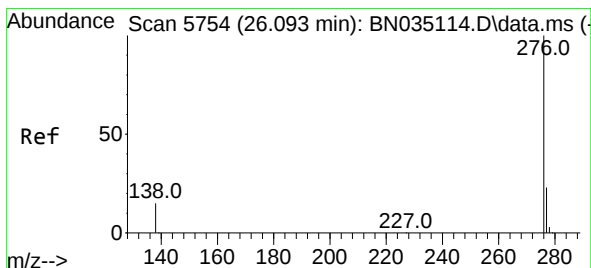
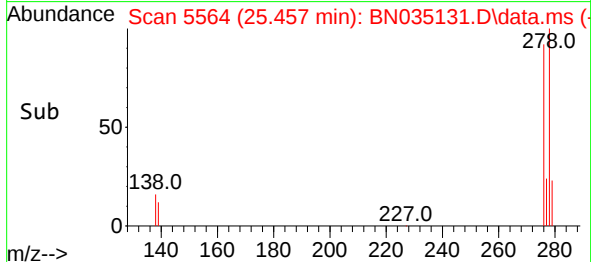
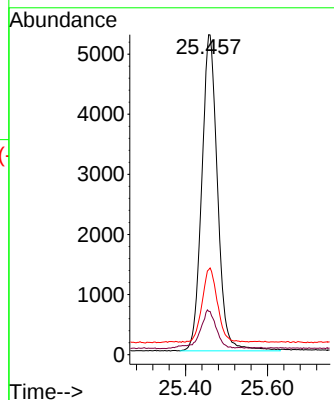
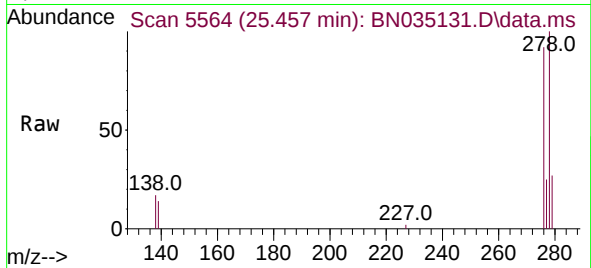




#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 25.457 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Instrument :
BNA_N
ClientSampleId :
SLCS843

Tgt Ion:278 Resp: 14040
Ion Ratio Lower Upper
278 100
139 13.6 8.4 12.6#
279 26.6 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.479 ng/ul
RT: 26.094 min Scan# 5754
Delta R.T. -0.003 min
Lab File: BN035131.D
Acq: 16 Nov 2024 06:50

Tgt Ion:276 Resp: 14156
Ion Ratio Lower Upper
276 100
138 16.3 10.3 15.5#
277 25.0 20.2 30.2

