

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
 Data File : BN034993.D
 Acq On : 10 Nov 2024 23:28
 Operator : RC/JU
 Sample : PB164818BS
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS818

Quant Time: Nov 10 23:51:07 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)

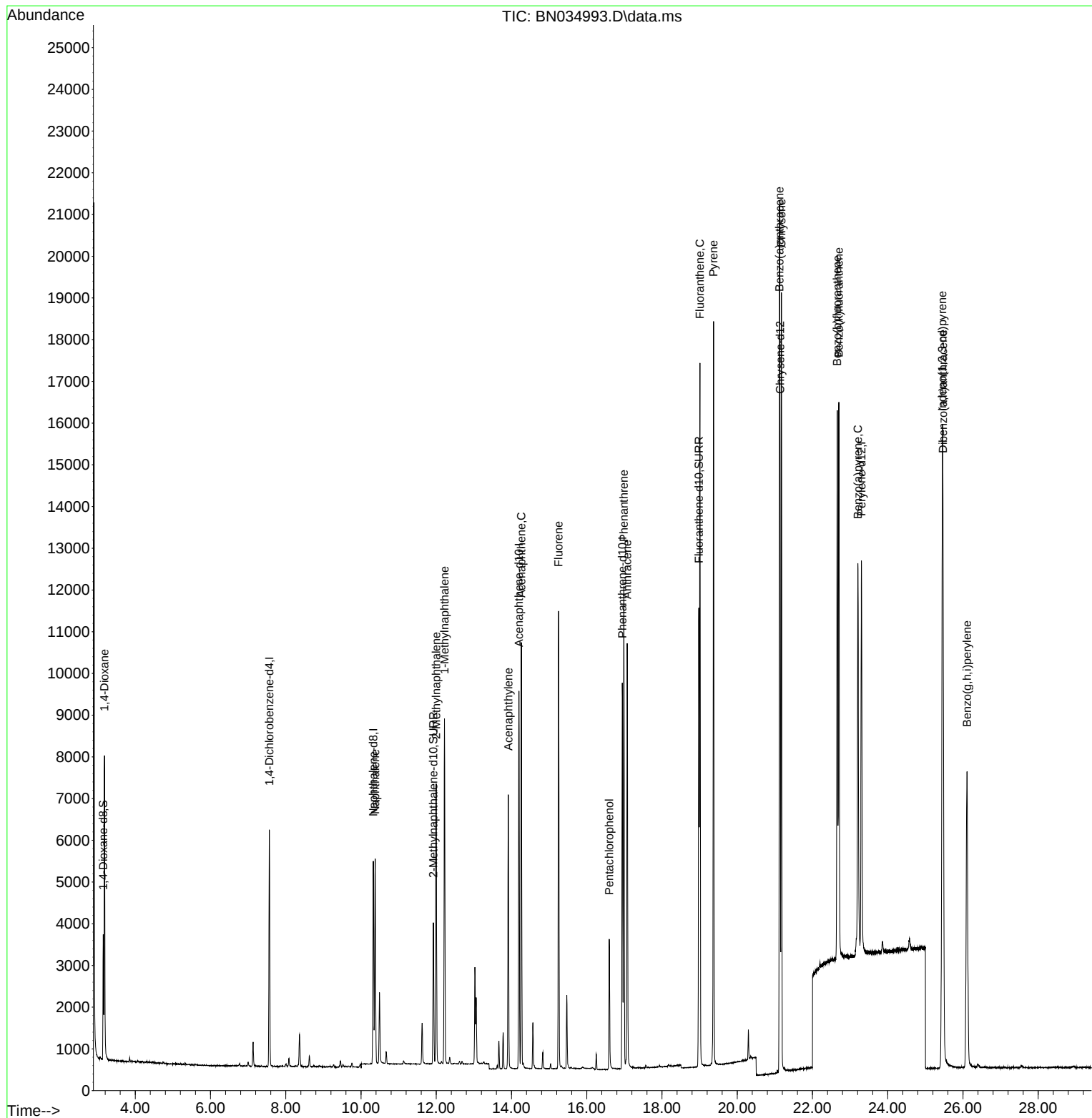
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	2816	0.400	ng/ul	0.00
4) Naphthalene-d8	10.328	136	6697	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.198	164	4820	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11369	0.400	ng/ul	0.00
17) Chrysene-d12	21.139	240	11029	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	11674	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	1970	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	4377	0.427	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	12631	0.446	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	5380	1.832	ng/ul#	93
5) Naphthalene	10.377	128	6467	0.386	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	4669	0.373	ng/ul	100
8) 1-Methylnaphthalene	12.220	142	5364	0.427	ng/ul	99
10) Acenaphthylene	13.916	152	7201	0.366	ng/ul	100
11) Acenaphthene	14.263	153	5523	0.370	ng/ul	99
12) Fluorene	15.253	166	6734	0.355	ng/ul	99
14) Pentachlorophenol	16.599	266	2003	0.762	ng/ul	98
15) Phenanthrene	16.987	178	11504	0.379	ng/ul	99
16) Anthracene	17.076	178	10664	0.374	ng/ul	98
19) Fluoranthene	19.009	202	14461	0.392	ng/ul#	97
20) Pyrene	19.372	202	15008	0.393	ng/ul	97
21) Benzo(a)anthracene	21.125	228	15109	0.378	ng/ul	99
22) Chrysene	21.174	228	15535	0.381	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	15499	0.378	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	16460	0.383	ng/ul	99
26) Benzo(a)pyrene	23.208	252	14014	0.382	ng/ul#	98
27) Indeno(1,2,3-cd)pyrene	25.453	276	19072	0.425	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.470	278	15034	0.430	ng/ul	97
29) Benzo(g,h,i)perylene	26.107	276	14887	0.434	ng/ul	98

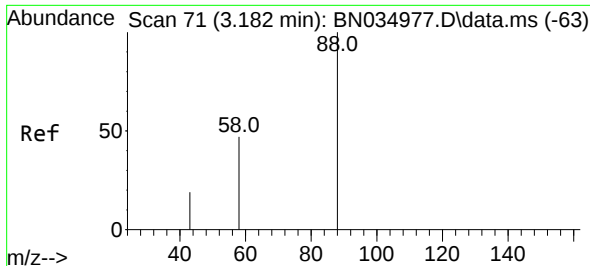
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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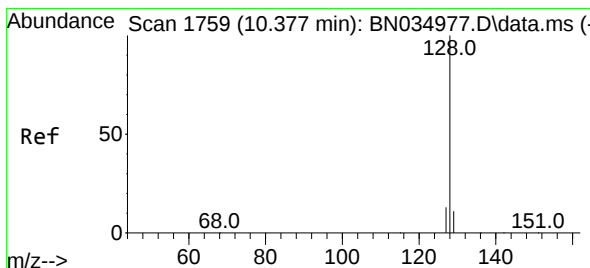
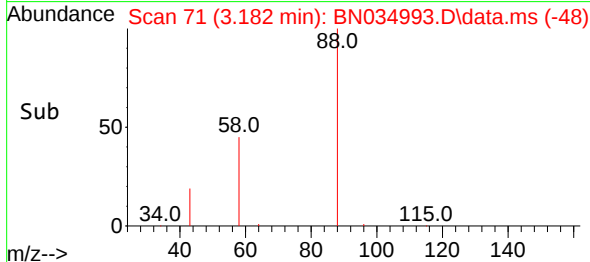
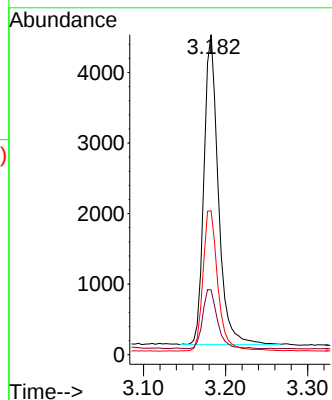
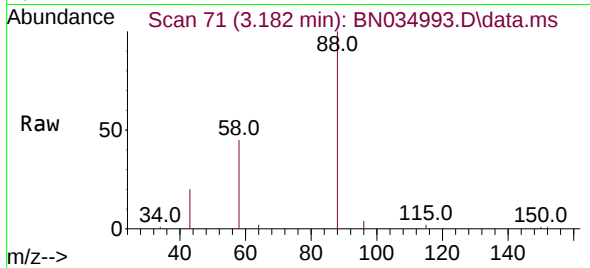




#2
 1,4-Dioxane
 Concen: 1.832 ng/ul
 RT: 3.182 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN034993.D
 Acq: 10 Nov 2024 23:28

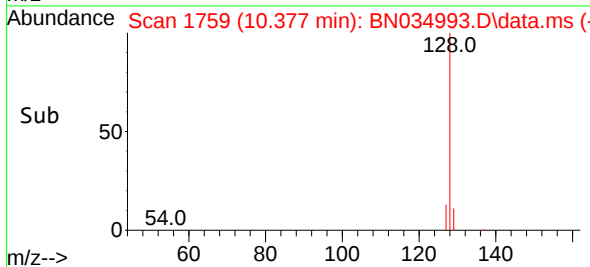
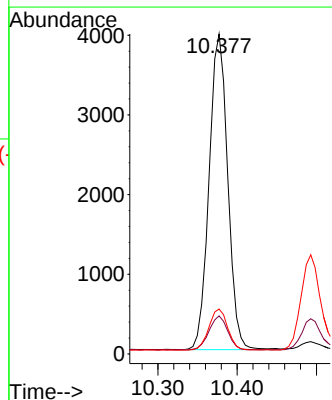
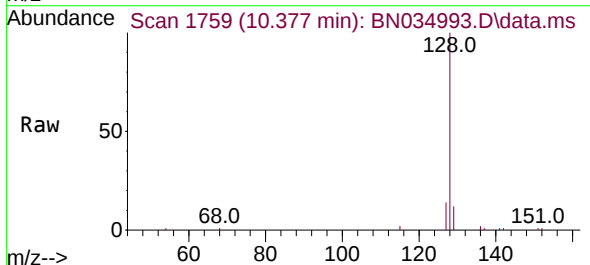
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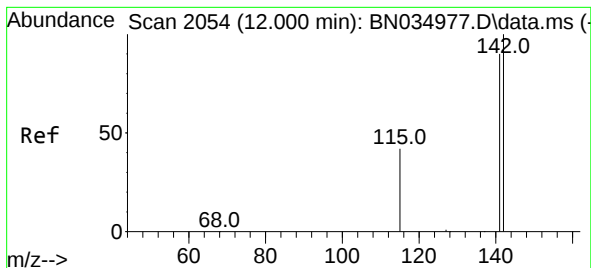
Tgt Ion: 88 Resp: 5380
 Ion Ratio Lower Upper
 88 100
 43 20.3 23.3 34.9#
 58 45.0 35.4 53.2



#5
 Naphthalene
 Concen: 0.386 ng/ul
 RT: 10.377 min Scan# 1759
 Delta R.T. -0.011 min
 Lab File: BN034993.D
 Acq: 10 Nov 2024 23:28

Tgt Ion: 128 Resp: 6467
 Ion Ratio Lower Upper
 128 100
 129 11.9 10.1 15.1
 127 14.1 12.1 18.1

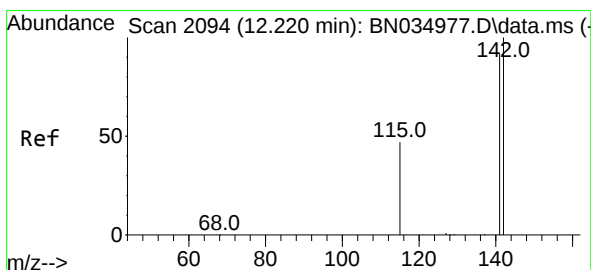
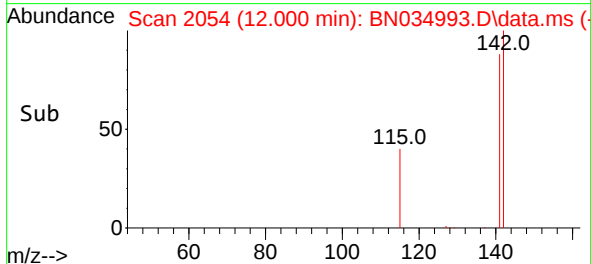
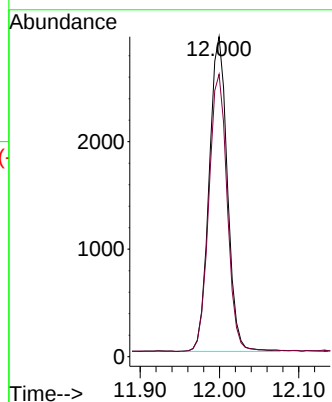
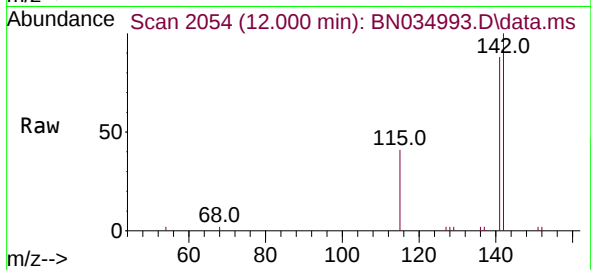




#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

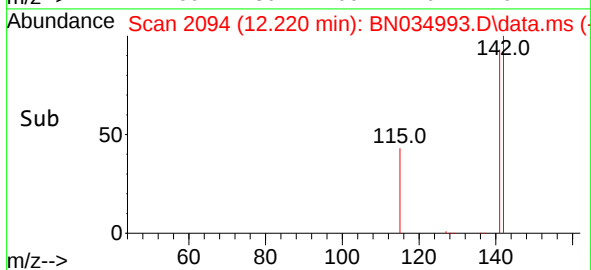
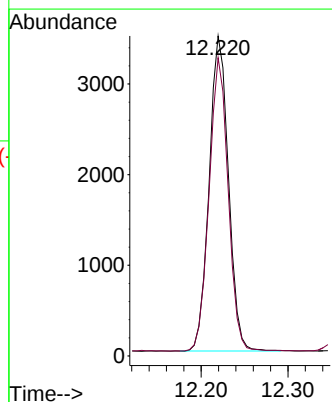
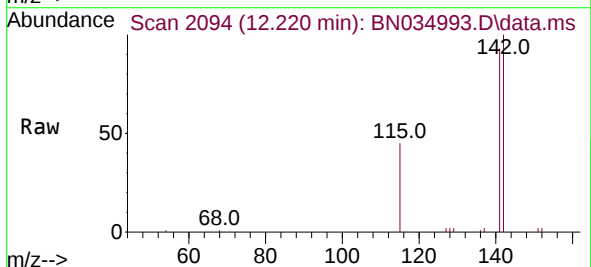
Instrument :
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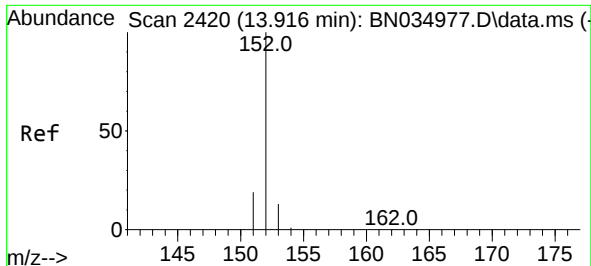
Tgt Ion:142 Resp: 4669
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:142 Resp: 5364
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8

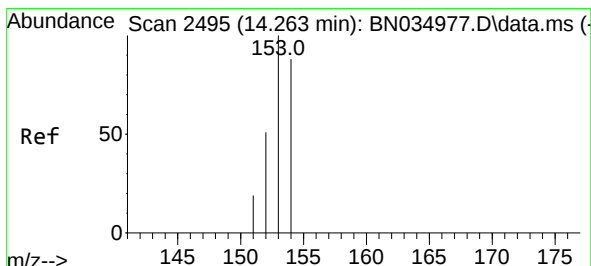
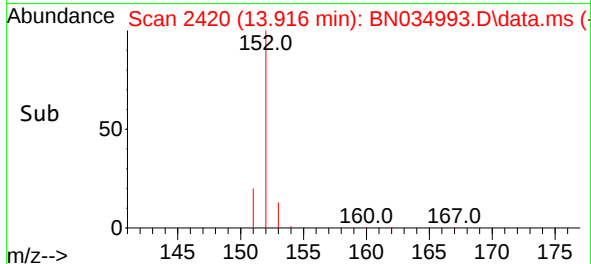
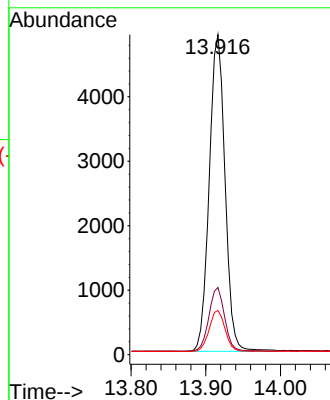
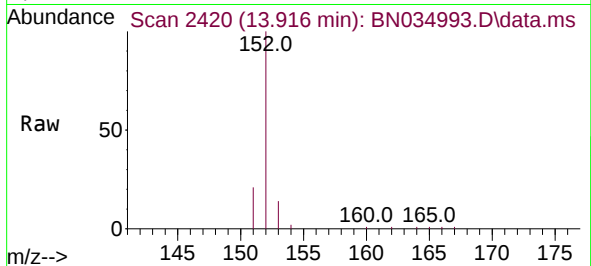




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 13.916 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

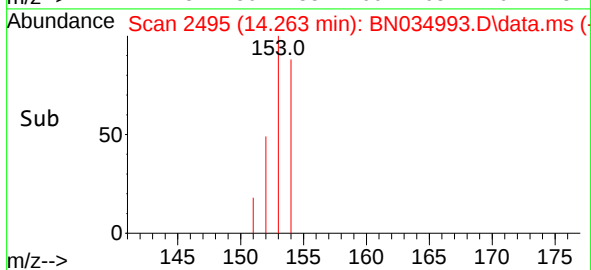
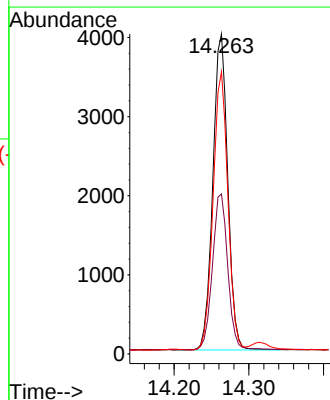
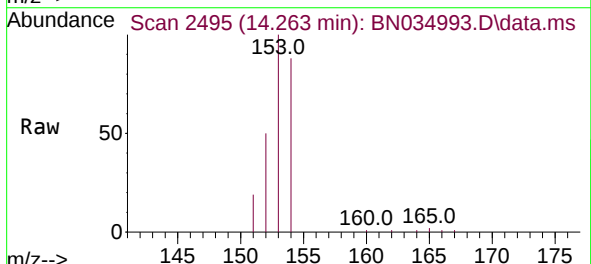
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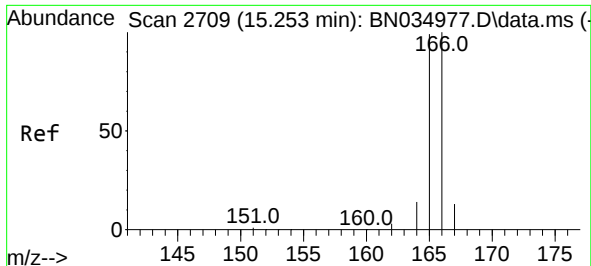
Tgt Ion:152 Resp: 7201
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 13.8 11.0 16.6



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.263 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:153 Resp: 5523
Ion Ratio Lower Upper
153 100
152 50.0 41.5 62.3
154 88.2 70.9 106.3

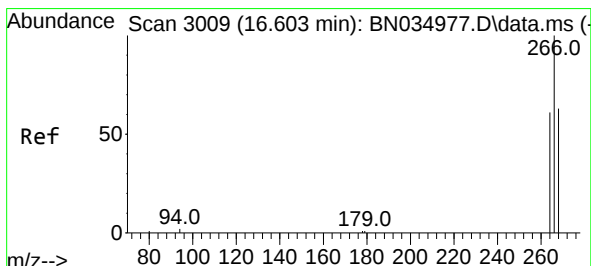
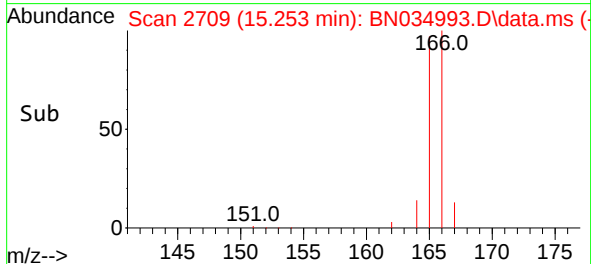
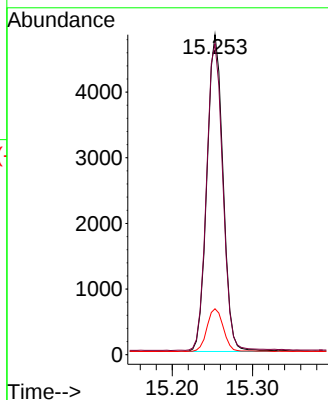
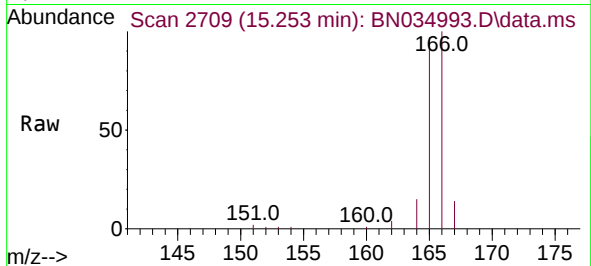




#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

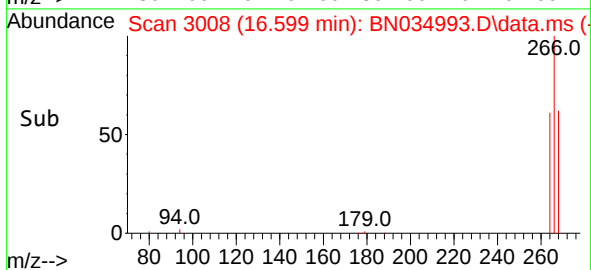
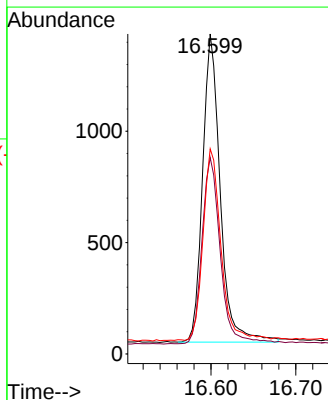
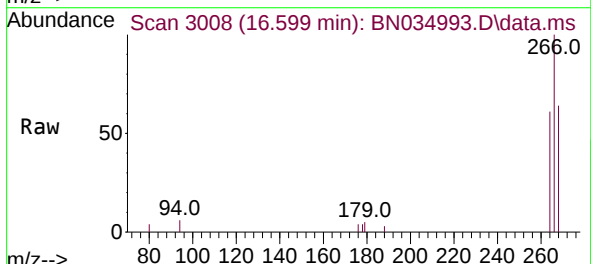
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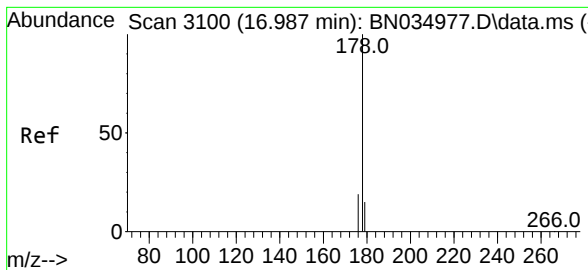
Tgt Ion:166 Resp: 6734
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.4
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.762 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:266 Resp: 2003
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.2
268 63.2 48.4 72.6

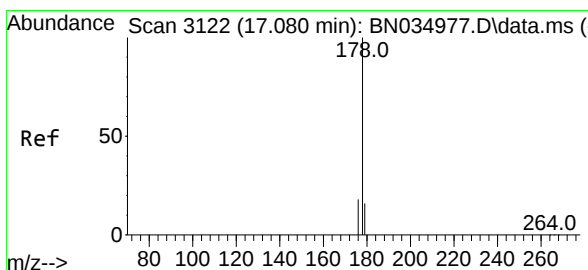
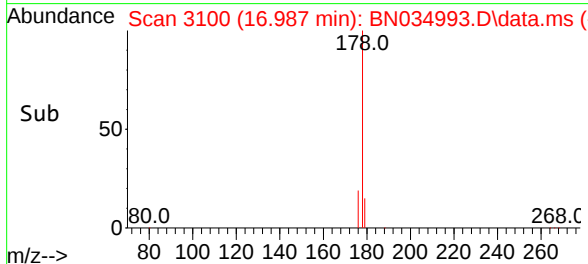
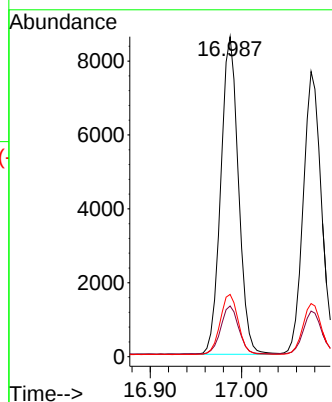
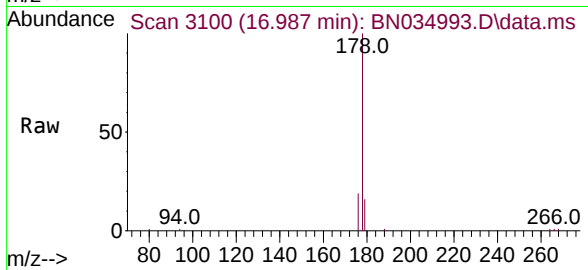




#15
 Phenanthrene
 Concen: 0.379 ng/ul
 RT: 16.987 min Scan# 3100
 Delta R.T. -0.009 min
 Lab File: BN034993.D
 Acq: 10 Nov 2024 23:28

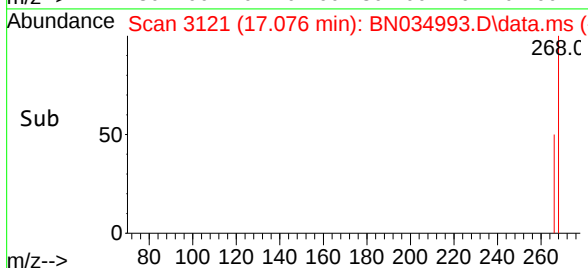
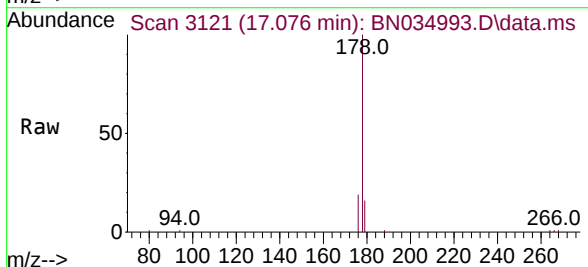
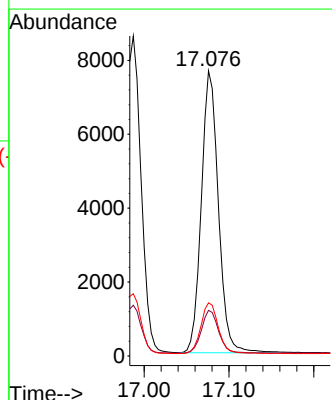
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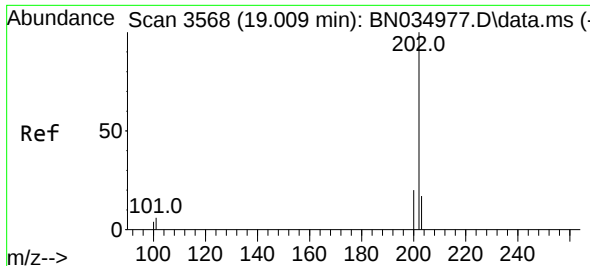
Tgt Ion:	178	Resp:	11504
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.2
176	19.4	15.8	23.6



#16
 Anthracene
 Concen: 0.374 ng/ul
 RT: 17.076 min Scan# 3121
 Delta R.T. -0.009 min
 Lab File: BN034993.D
 Acq: 10 Nov 2024 23:28

Tgt Ion:	178	Resp:	10664
Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.3	19.9
176	18.6	15.8	23.8

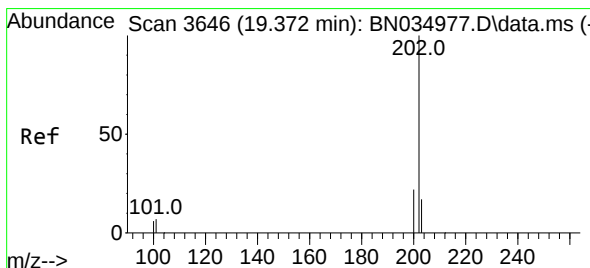
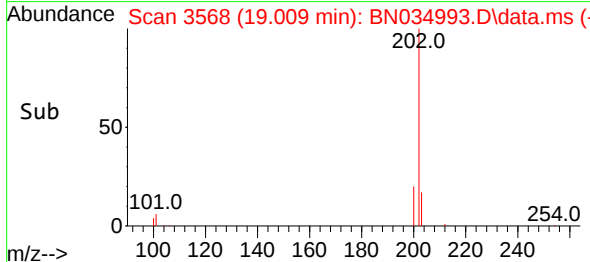
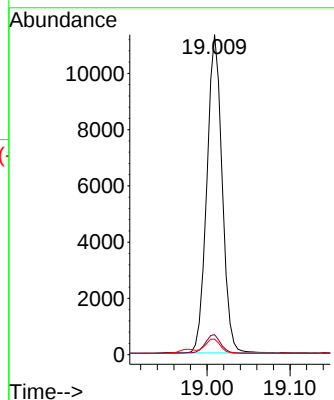
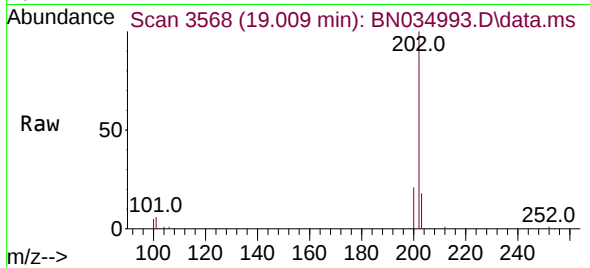




#19
Fluoranthene
Concen: 0.392 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

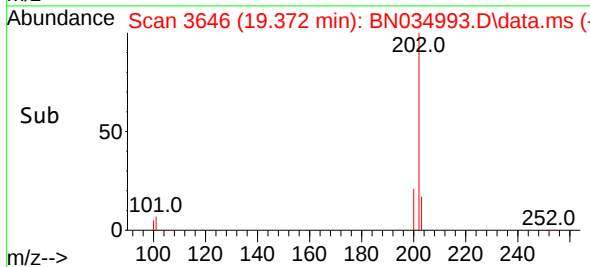
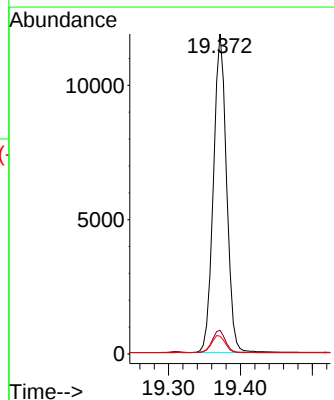
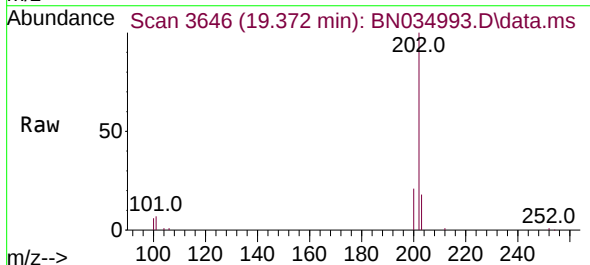
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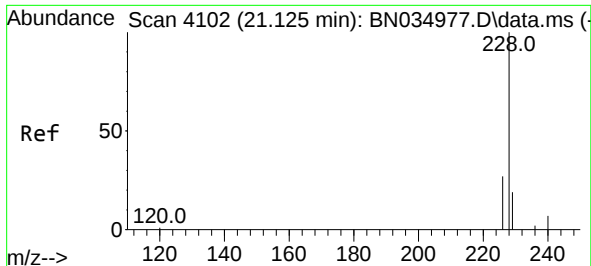
Tgt Ion:202 Resp: 14461
Ion Ratio Lower Upper
202 100
101 6.2 4.2 6.2
100 4.9 3.2 4.8#



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:202 Resp: 15008
Ion Ratio Lower Upper
202 100
101 7.4 5.0 7.4
100 5.6 4.1 6.1

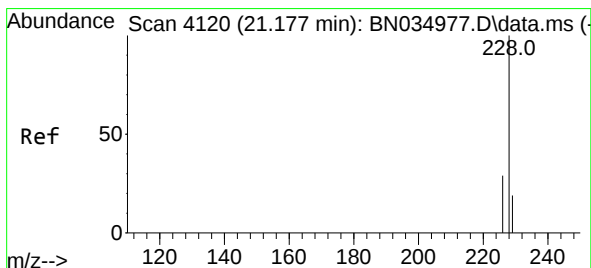
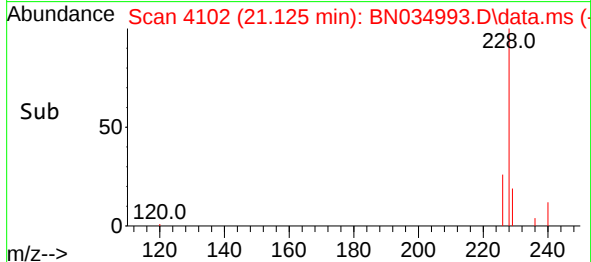
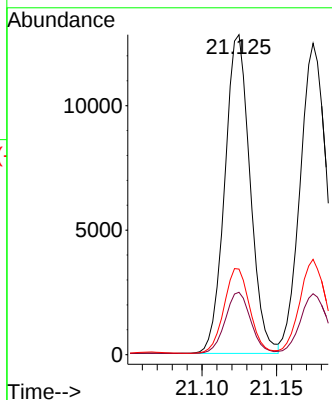
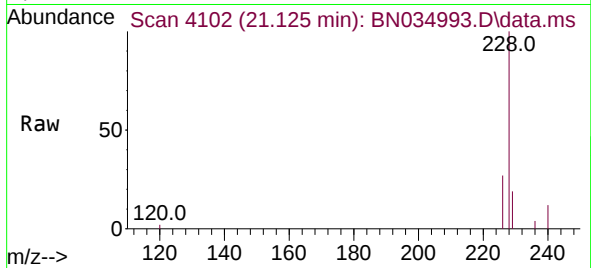




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.125 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

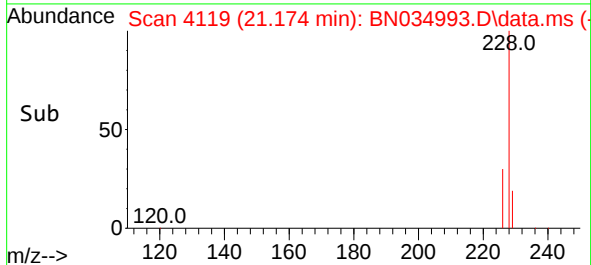
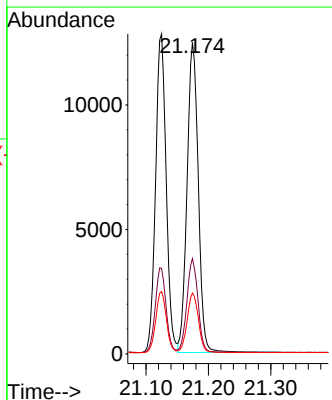
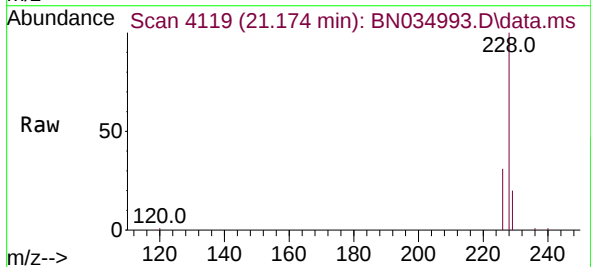
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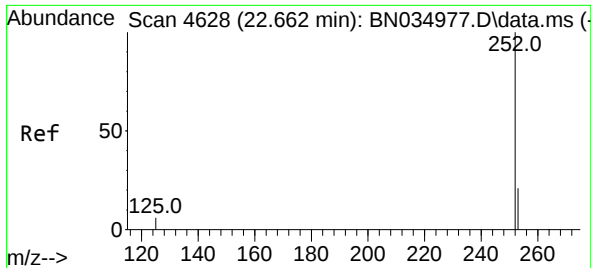
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Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 26.7 22.2 33.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.174 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:228 Resp: 15535
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.6 15.4 23.2

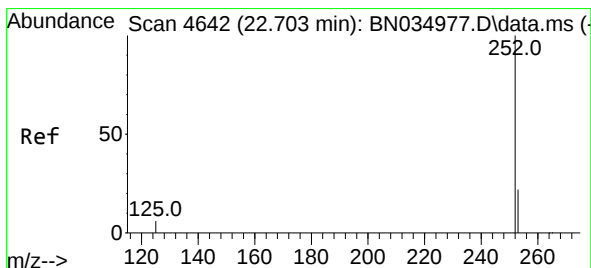
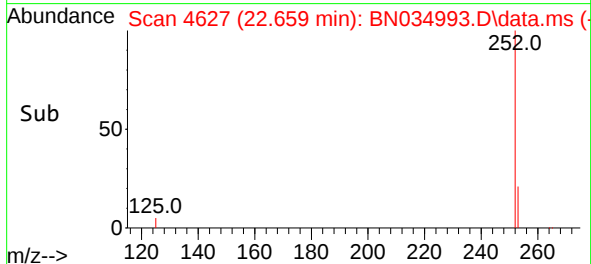
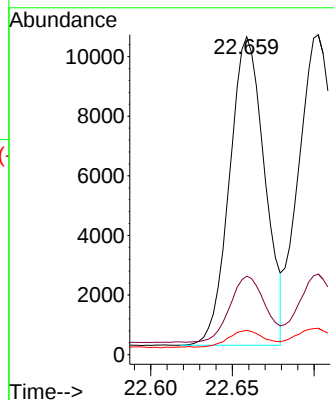
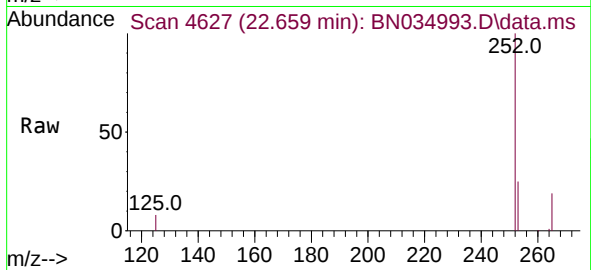




#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

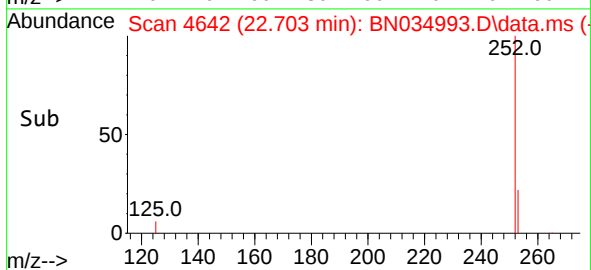
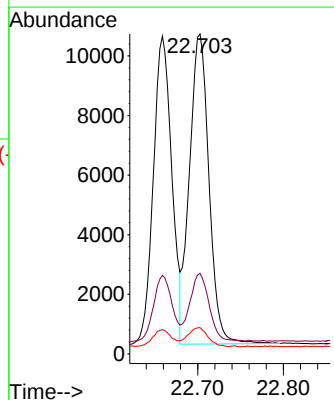
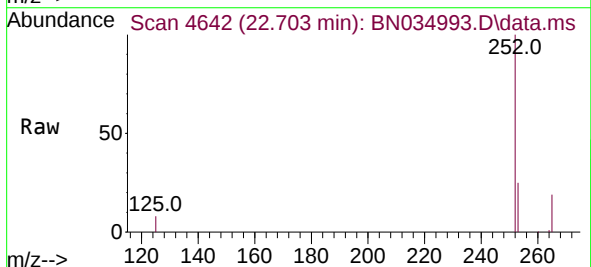
Instrument :
BNA_N
ClientSampleId :
SLCS818

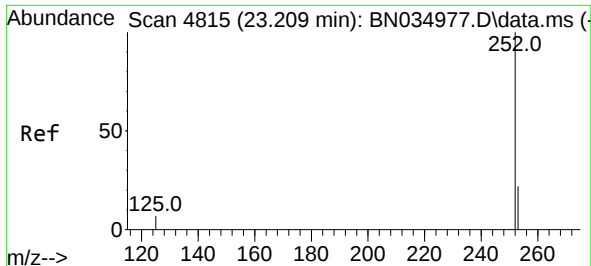
Tgt Ion:252 Resp: 15499
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.0
125 7.6 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:252 Resp: 16460
Ion Ratio Lower Upper
252 100
253 25.2 20.2 30.4
125 8.3 5.8 8.8

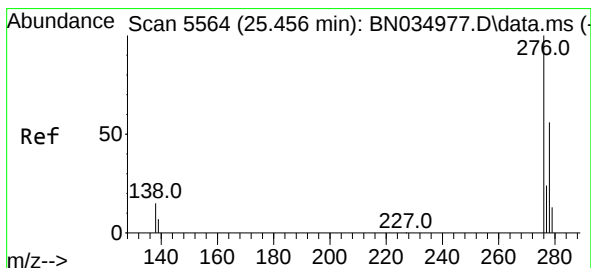
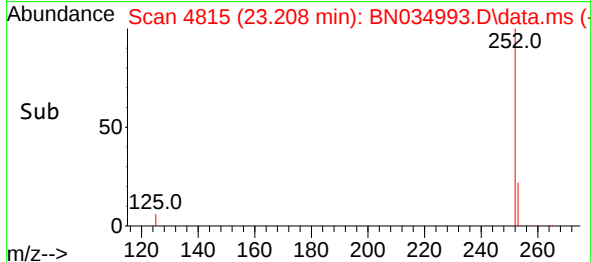
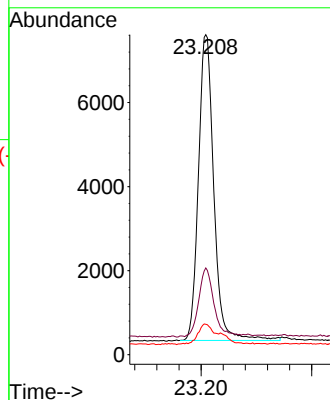
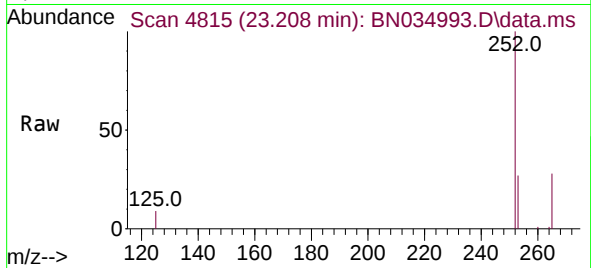




#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.208 min Scan# 4815
Delta R.T. -0.009 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

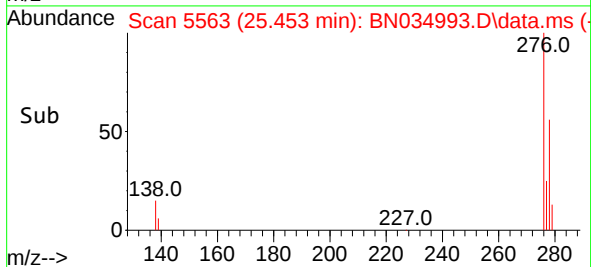
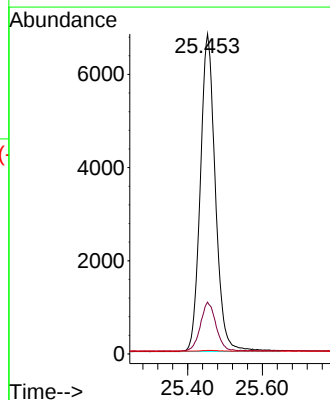
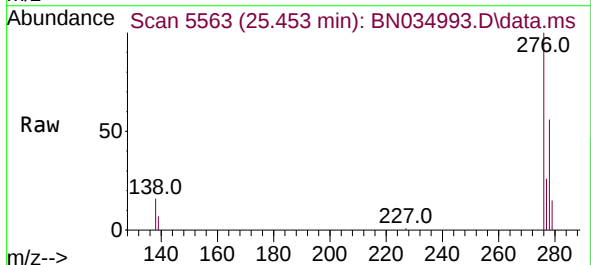
Instrument :
BNA_N
ClientSampleId :
SLCS818

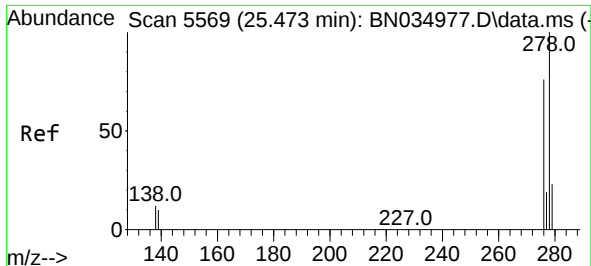
Tgt Ion:252 Resp: 14014
Ion Ratio Lower Upper
252 100
253 27.1 21.2 31.8
125 9.5 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 25.453 min Scan# 5563
Delta R.T. -0.017 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:276 Resp: 19072
Ion Ratio Lower Upper
276 100
138 15.8 10.8 16.2
227 0.2 0.2 0.4#

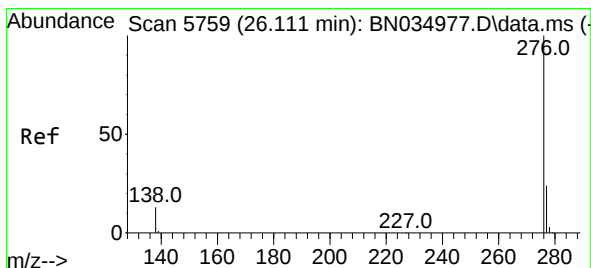
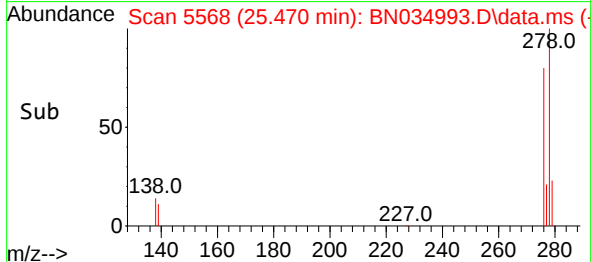
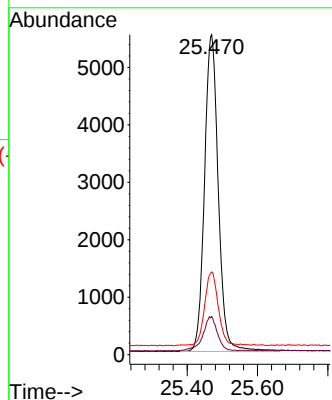
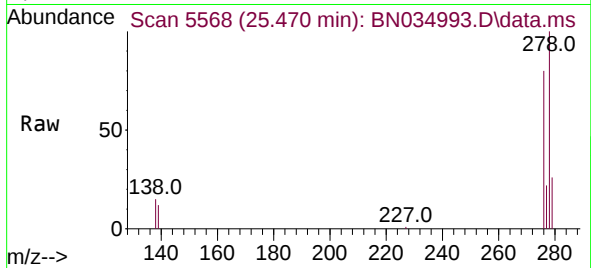




#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 25.470 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Instrument :
BNA_N
ClientSampleId :
SLCS818

Tgt Ion:278 Resp: 15034
Ion Ratio Lower Upper
278 100
139 11.9 8.4 12.6
279 25.8 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.434 ng/ul
RT: 26.107 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BN034993.D
Acq: 10 Nov 2024 23:28

Tgt Ion:276 Resp: 14887
Ion Ratio Lower Upper
276 100
138 14.6 10.3 15.5
277 24.8 20.2 30.2

