

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035046.D
 Acq On : 12 Nov 2024 21:12
 Operator : RC/JU
 Sample : PB164747BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS747

Quant Time: Nov 12 21:57:20 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)

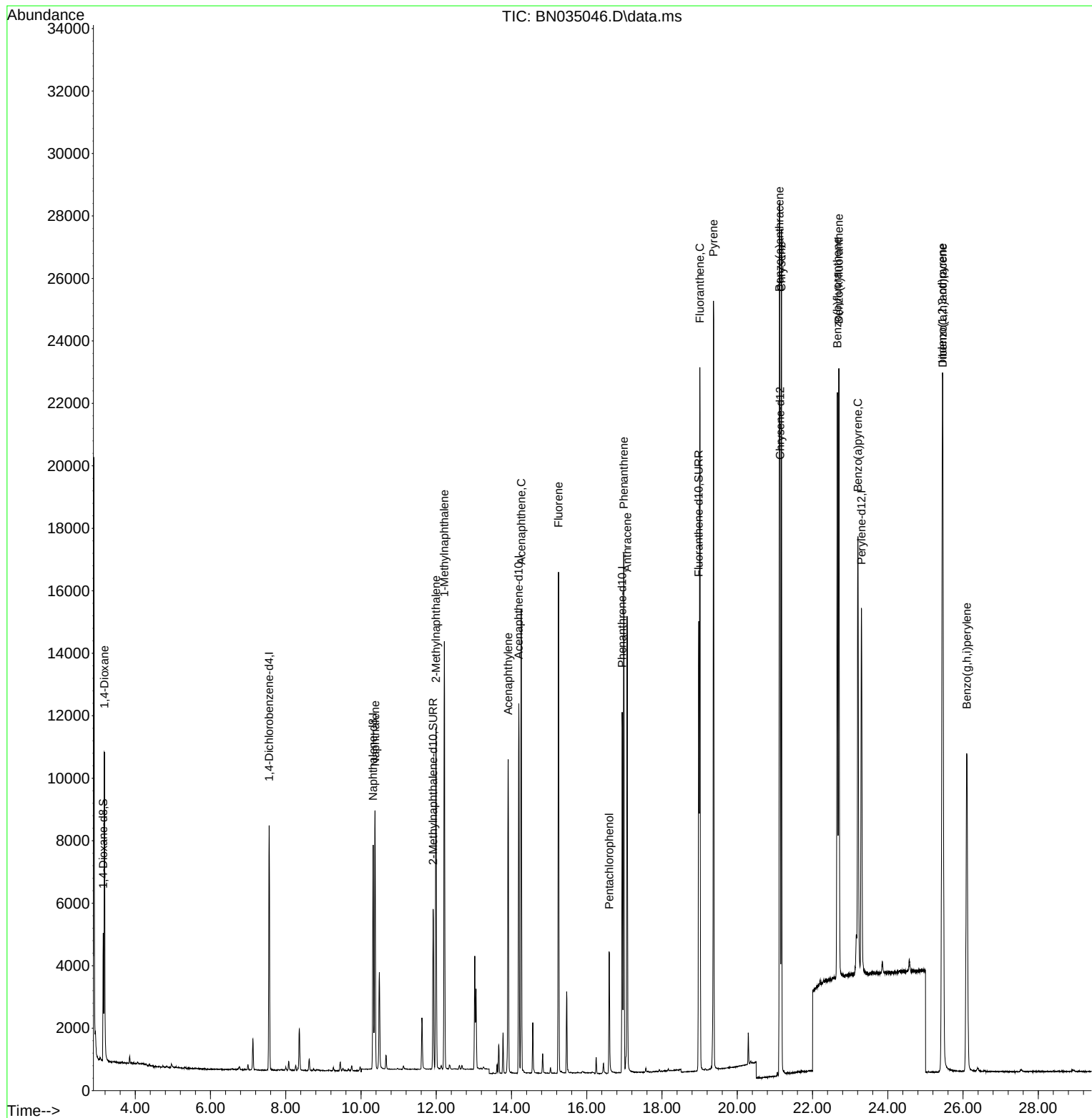
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	3818	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.323	136	9508	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.194	164	6300	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.941	188	14023	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	13494	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	14703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	2674	0.736	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	6725	0.462	ng/ul	-0.02
18) Fluoranthene-d10	18.977	212	16451	0.475	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.183	88	7504	1.885	ng/ul#	92
5) Naphthalene	10.372	128	10760	0.452	ng/ul	96
7) 2-Methylnaphthalene	11.994	142	7606	0.428	ng/ul	100
8) 1-Methylnaphthalene	12.214	142	8854	0.497	ng/ul	99
10) Acenaphthylene	13.912	152	11108	0.432	ng/ul	99
11) Acenaphthene	14.259	153	8427	0.432	ng/ul	98
12) Fluorene	15.249	166	9817	0.396	ng/ul	100
14) Pentachlorophenol	16.599	266	2577	0.795	ng/ul	97
15) Phenanthrene	16.983	178	16268	0.434	ng/ul	98
16) Anthracene	17.072	178	15094	0.429	ng/ul	98
19) Fluoranthene	19.005	202	20088	0.446	ng/ul#	95
20) Pyrene	19.367	202	20927	0.448	ng/ul#	95
21) Benzo(a)anthracene	21.122	228	21445	0.439	ng/ul	100
22) Chrysene	21.175	228	21759	0.436	ng/ul	99
24) Benzo(b)fluoranthene	22.659	252	22525	0.436	ng/ul	99
25) Benzo(k)fluoranthene	22.700	252	23058	0.426	ng/ul	98
26) Benzo(a)pyrene	23.206	252	20366	0.441	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.450	276	27108	0.480	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.463	278	21356	0.485	ng/ul	97
29) Benzo(g,h,i)perylene	26.097	276	21072	0.488	ng/ul	98

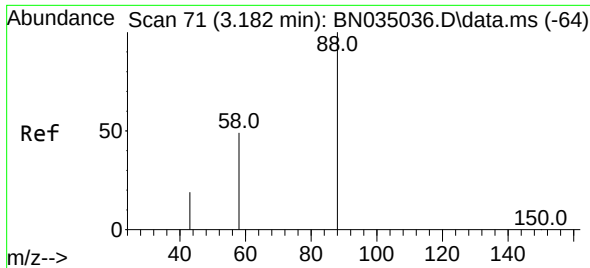
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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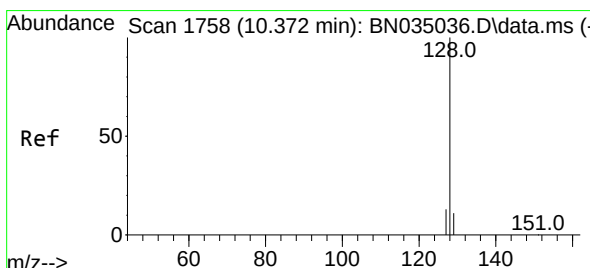
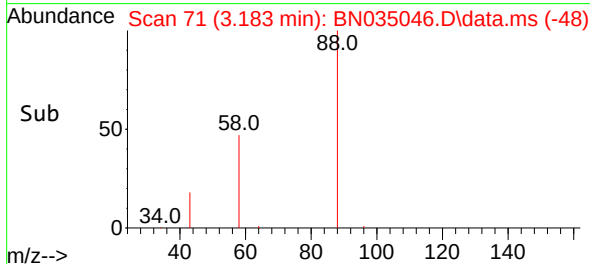
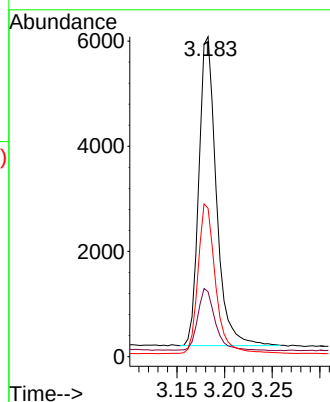
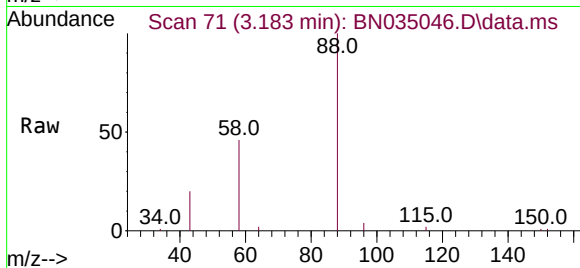




#2
 1,4-Dioxane
 Concen: 1.885 ng/ul
 RT: 3.183 min Scan# 71
 Delta R.T. -0.004 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

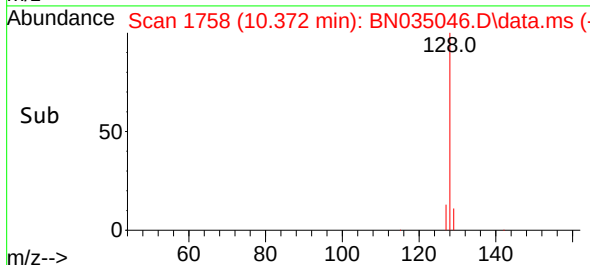
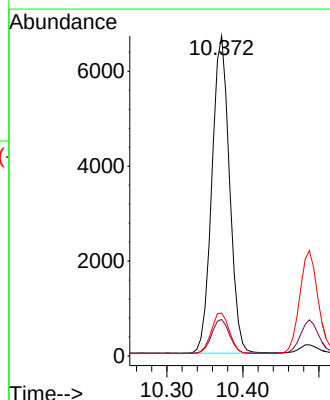
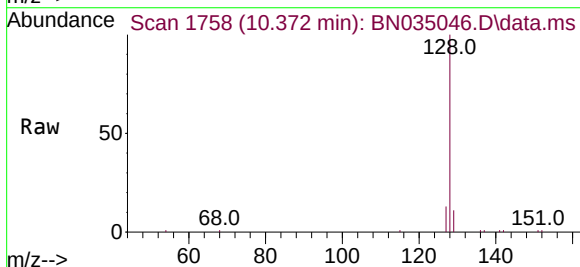
Instrument :
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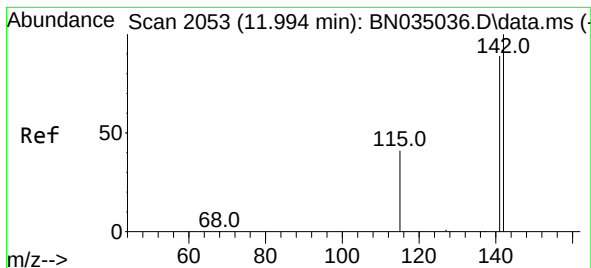
Tgt Ion: 88 Resp: 7504
 Ion Ratio Lower Upper
 88 100
 43 20.3 23.3 34.9#
 58 46.4 35.4 53.2



#5
 Naphthalene
 Concen: 0.452 ng/ul
 RT: 10.372 min Scan# 1758
 Delta R.T. -0.016 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

Tgt Ion: 128 Resp: 10760
 Ion Ratio Lower Upper
 128 100
 129 11.4 10.1 15.1
 127 13.4 12.1 18.1

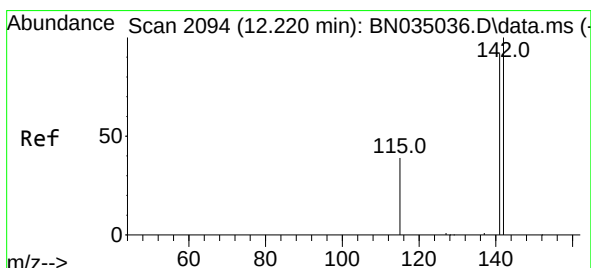
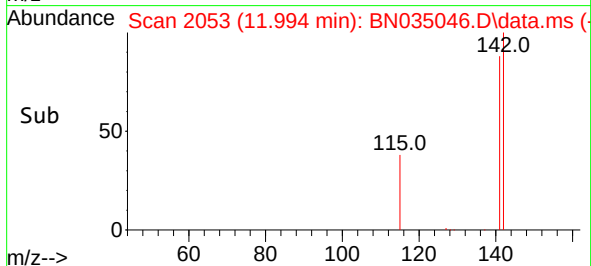
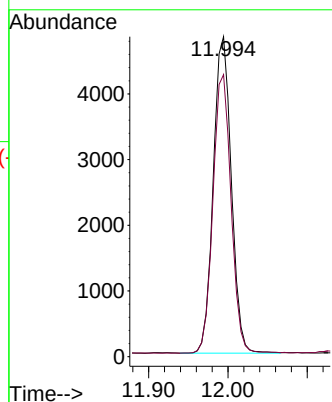
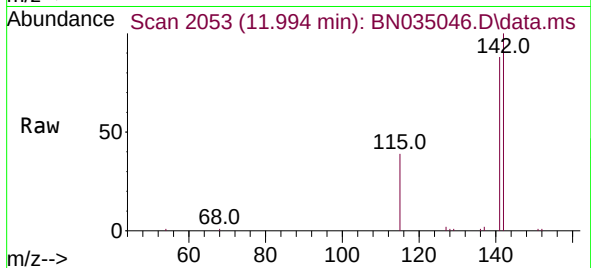




#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. -0.016 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

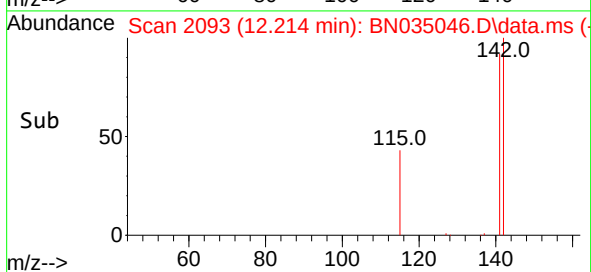
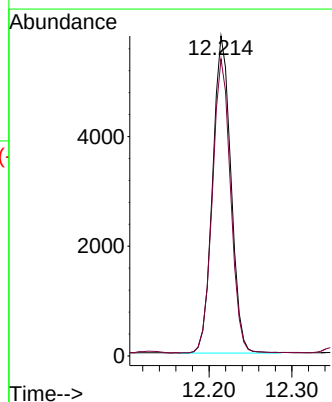
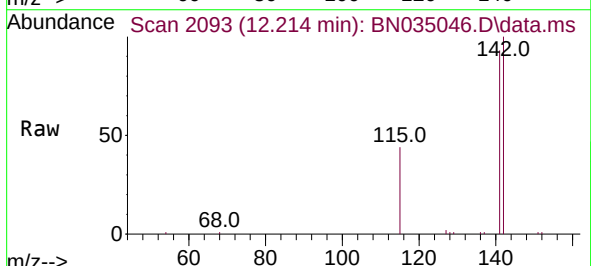
Instrument :
BNA_N
ClientSampleId :
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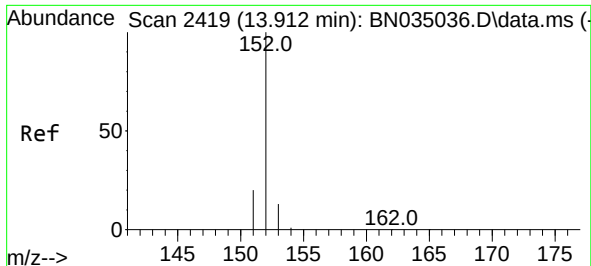
Tgt Ion:142 Resp: 7606
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.497 ng/ul
RT: 12.214 min Scan# 2093
Delta R.T. -0.016 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:142 Resp: 8854
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8

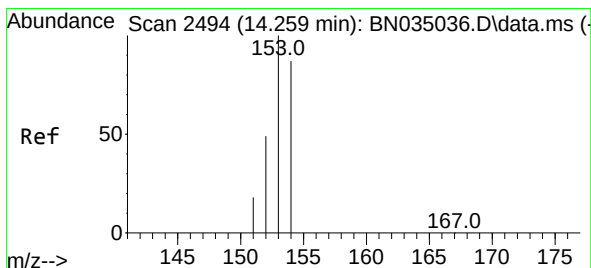
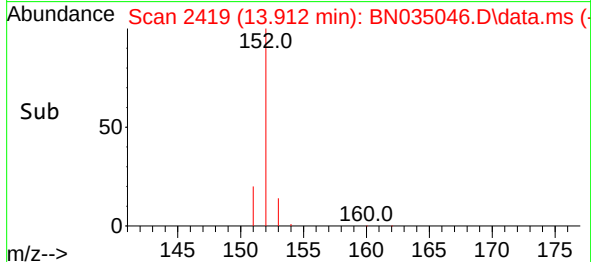
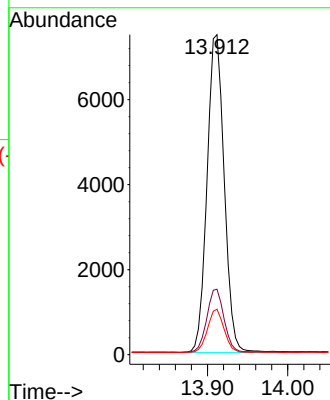
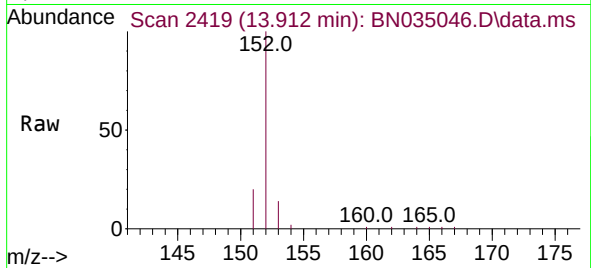




#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 13.912 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

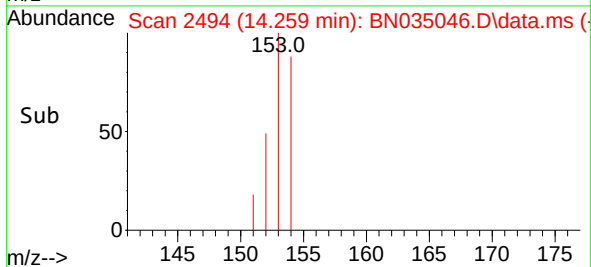
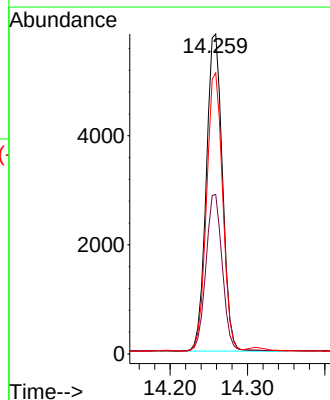
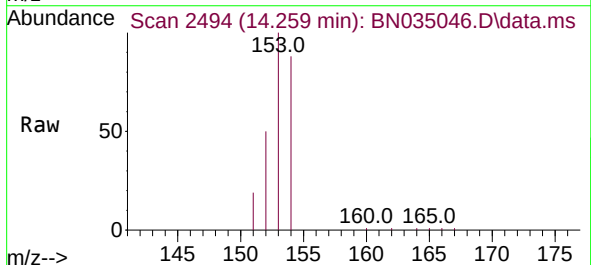
Instrument :
BNA_N
ClientSampleId :
SLCS747

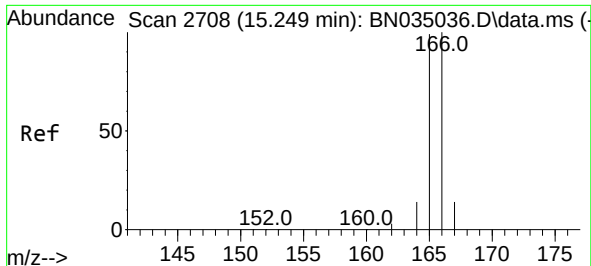
Tgt Ion:152	Resp:	11108
Ion Ratio	Lower	Upper
152	100	
151	20.4	16.6 24.8
153	14.2	11.0 16.6



#11
Acenaphthene
Concen: 0.432 ng/ul
RT: 14.259 min Scan# 2494
Delta R.T. -0.014 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:153	Resp:	8427
Ion Ratio	Lower	Upper
153	100	
152	49.8	41.5 62.3
154	87.8	70.9 106.3

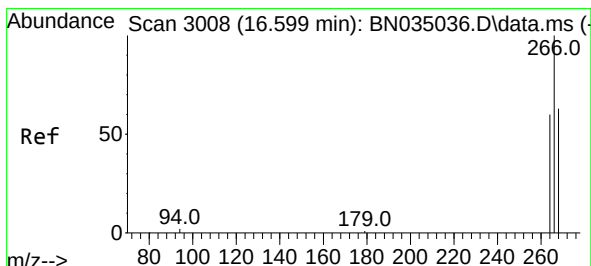
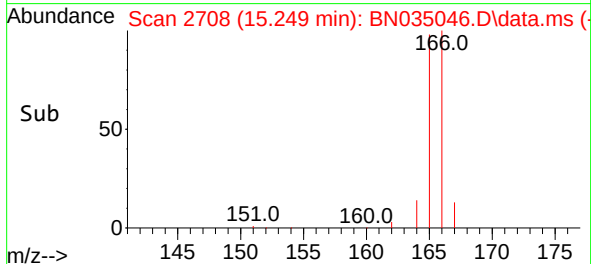
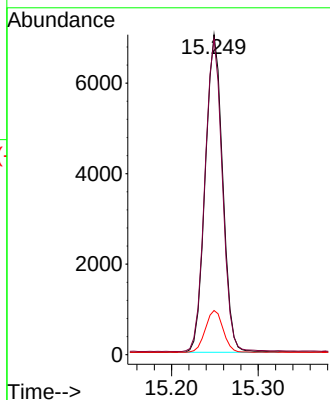
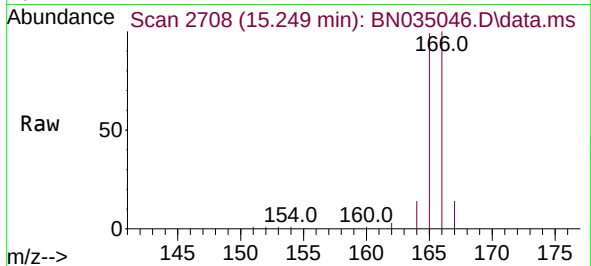




#12
 Fluorene
 Concen: 0.396 ng/ul
 RT: 15.249 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

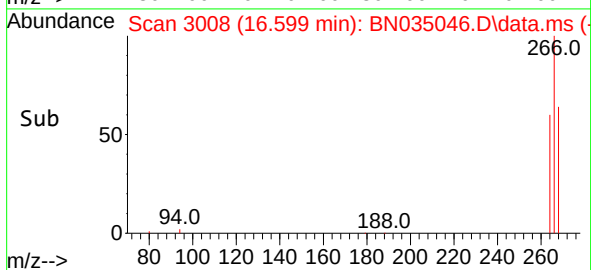
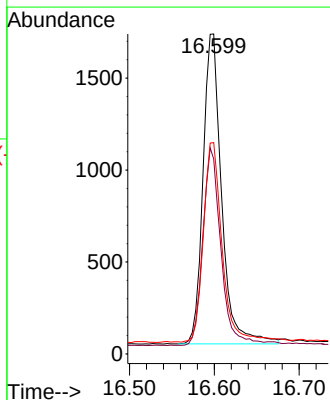
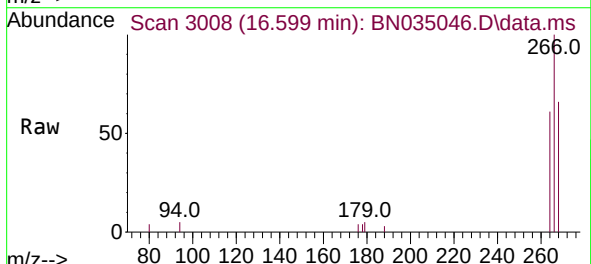
Instrument :
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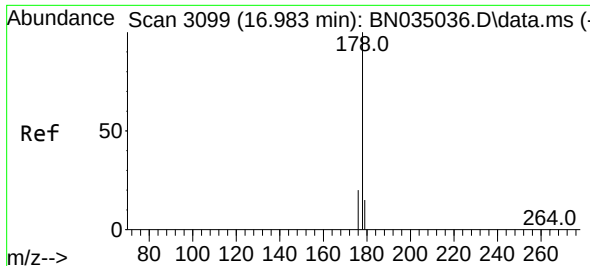
Tgt Ion:	166	Resp:	9817
Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.8	11.8	17.6



#14
 Pentachlorophenol
 Concen: 0.795 ng/ul
 RT: 16.599 min Scan# 3008
 Delta R.T. -0.008 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

Tgt Ion:	266	Resp:	2577
Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.2	75.2
268	64.6	48.4	72.6

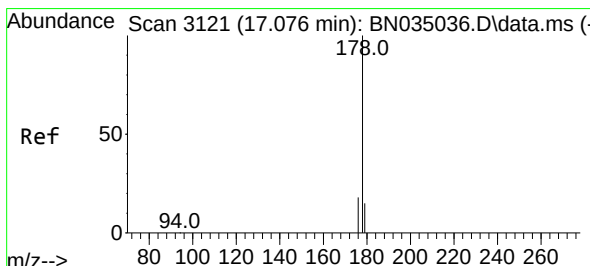
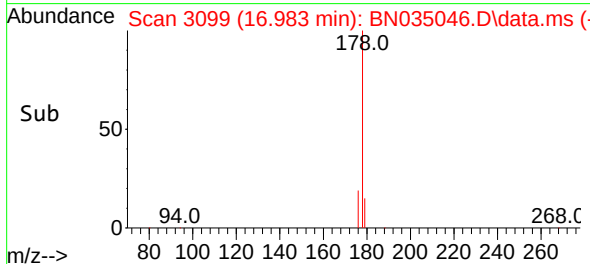
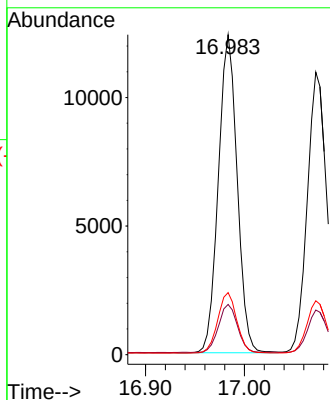
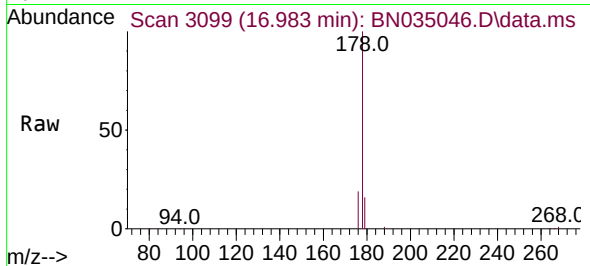




#15
Phenanthrene
Concen: 0.434 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

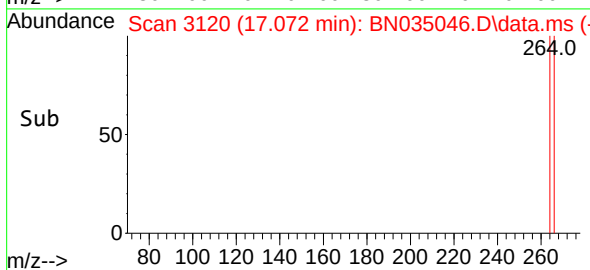
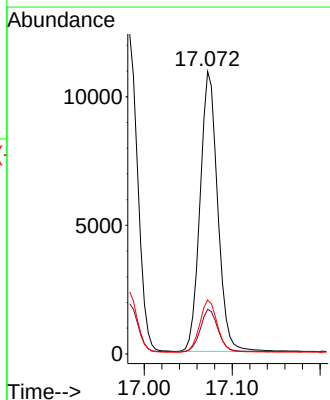
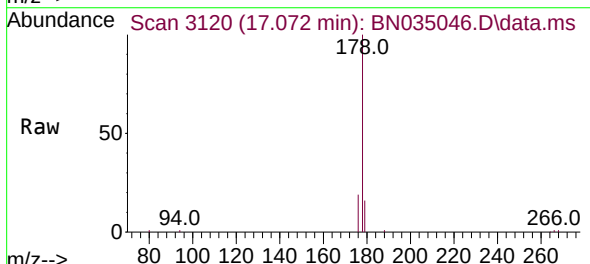
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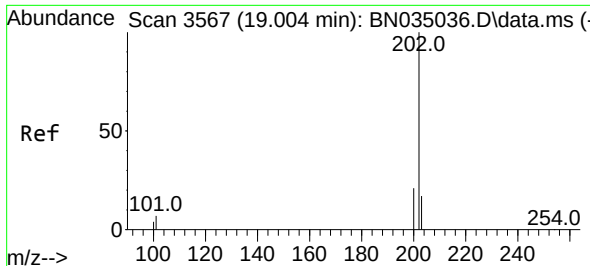
Tgt Ion:178	Resp:	16268
Ion Ratio	Lower	Upper
178	100	
179	15.7	13.4 20.2
176	19.4	15.8 23.6



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.012 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:178	Resp:	15094
Ion Ratio	Lower	Upper
178	100	
179	15.8	13.3 19.9
176	19.1	15.8 23.8

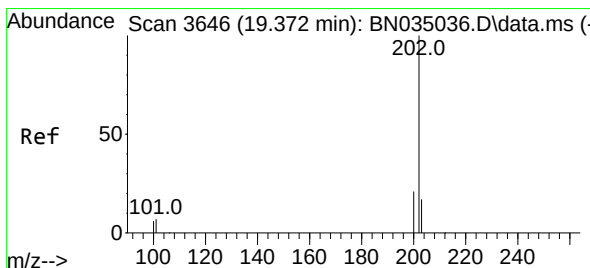
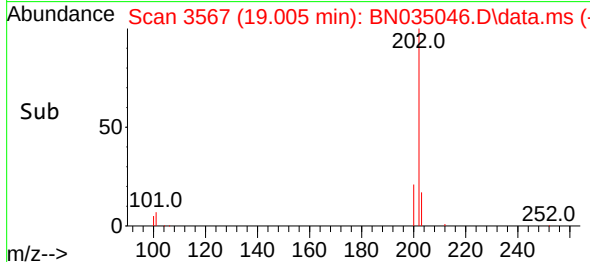
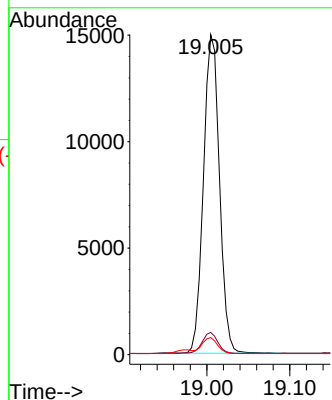
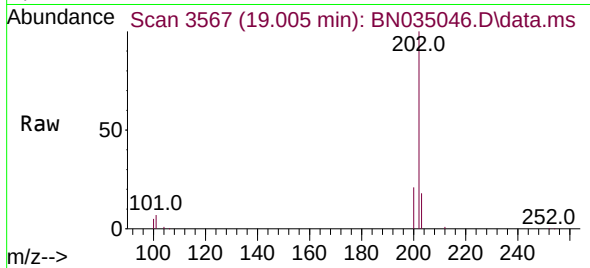




#19
Fluoranthene
Concen: 0.446 ng/u1
RT: 19.005 min Scan# 3567
Delta R.T. -0.014 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

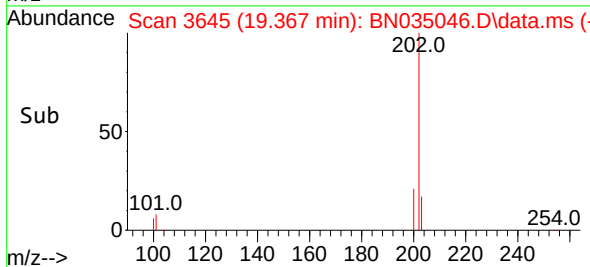
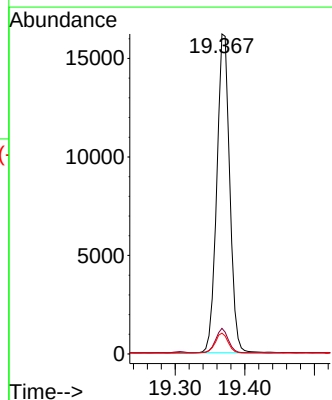
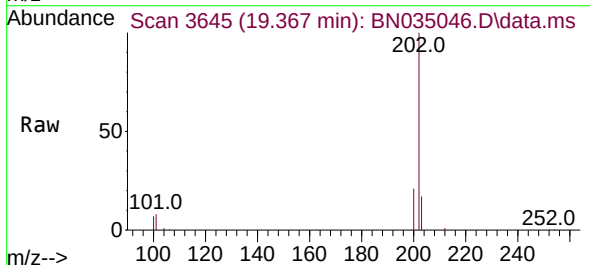
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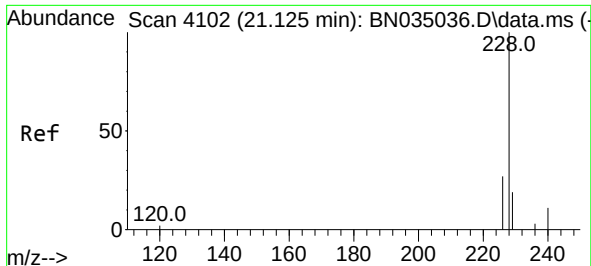
Tgt Ion:202 Resp: 20088
Ion Ratio Lower Upper
202 100
101 6.9 4.2 6.2#
100 5.3 3.2 4.8#



#20
Pyrene
Concen: 0.448 ng/u1
RT: 19.367 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:202 Resp: 20927
Ion Ratio Lower Upper
202 100
101 8.0 5.0 7.4#
100 6.5 4.1 6.1#

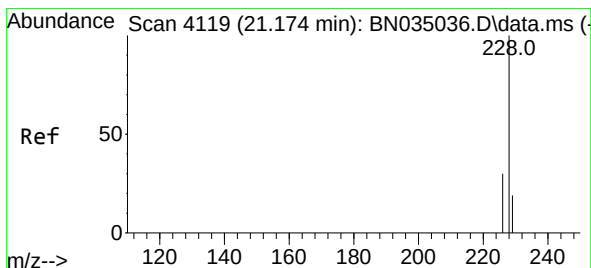
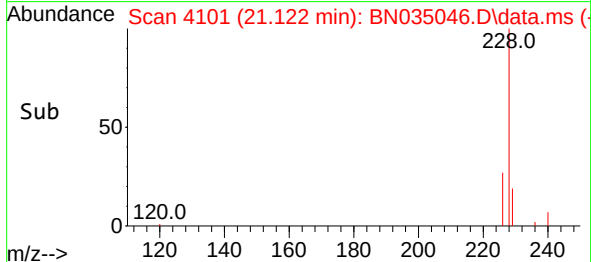
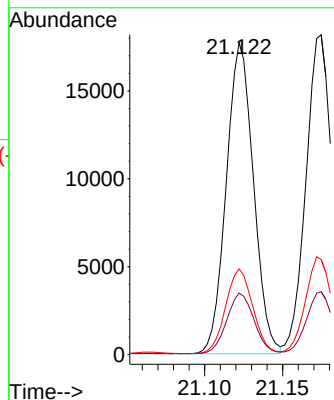
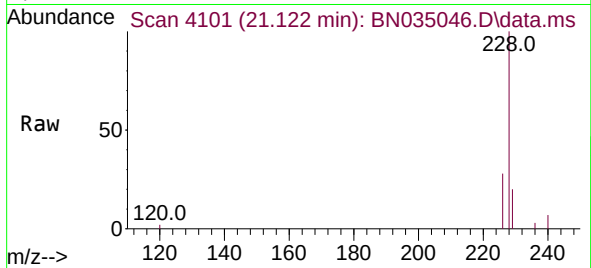




#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.122 min Scan# 4101
Delta R.T. -0.009 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

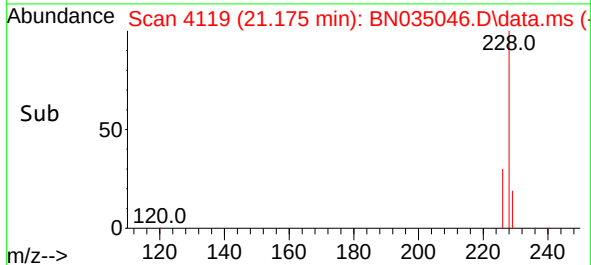
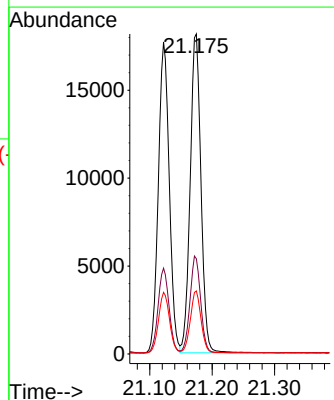
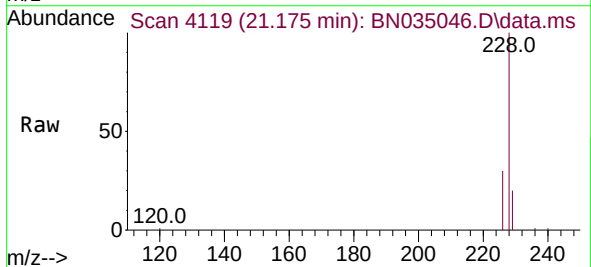
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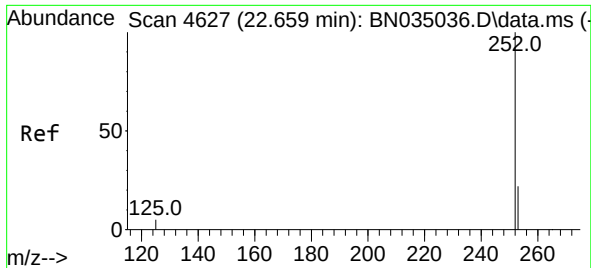
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Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:228 Resp: 21759
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 19.7 15.4 23.2

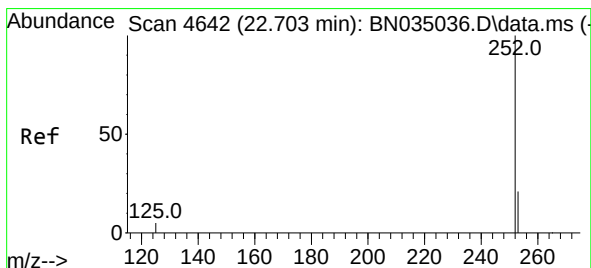
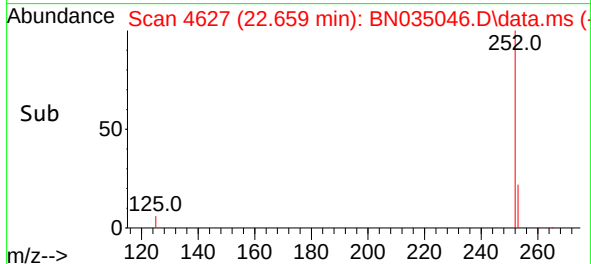
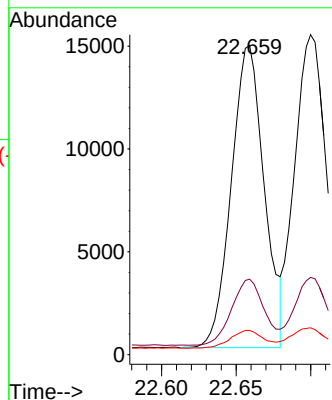
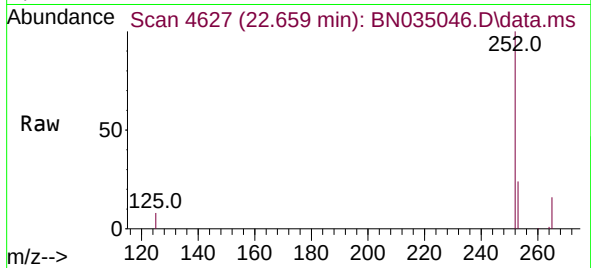




#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.011 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

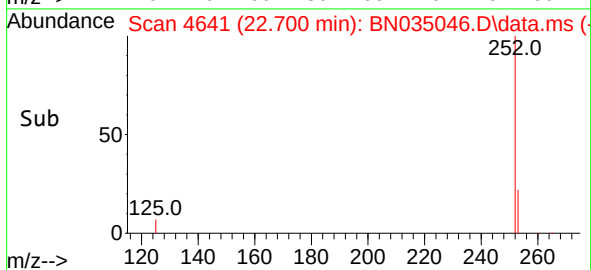
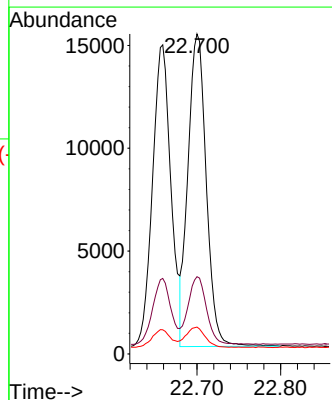
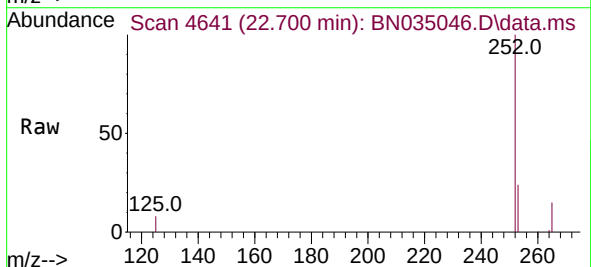
Instrument :
BNA_N
ClientSampleId :
SLCS747

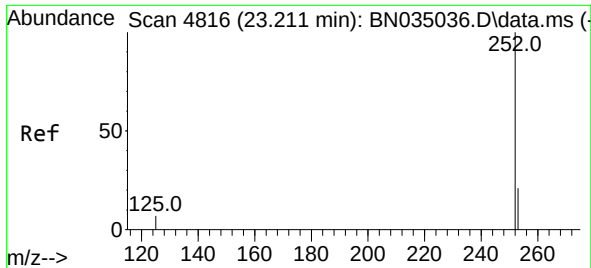
Tgt Ion:252 Resp: 22525
Ion Ratio Lower Upper
252 100
253 24.4 0.0 50.0
125 7.8 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. -0.011 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:252 Resp: 23058
Ion Ratio Lower Upper
252 100
253 24.2 20.2 30.4
125 8.4 5.8 8.8

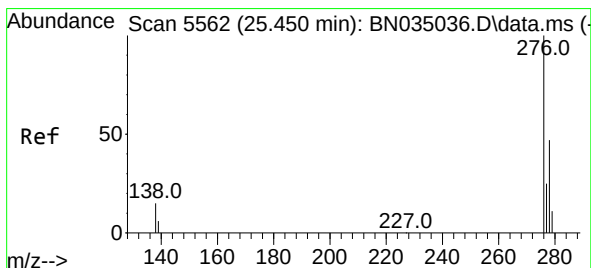
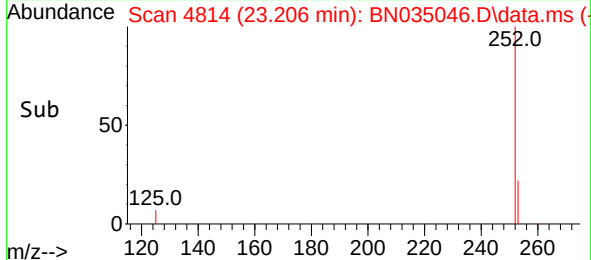
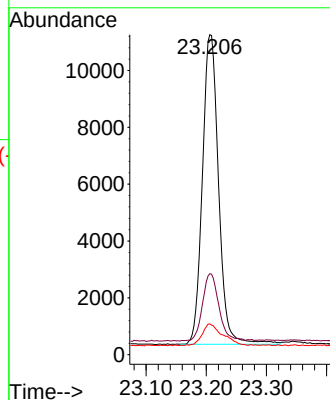
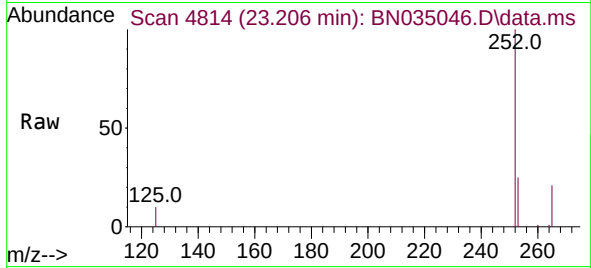




#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.206 min Scan# 4816
Delta R.T. -0.011 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

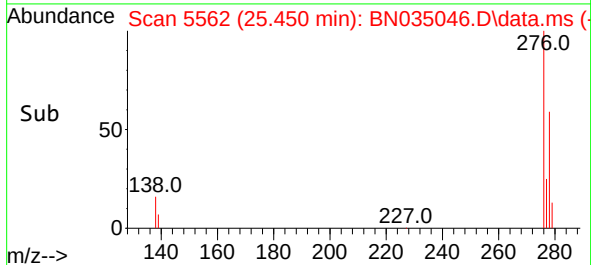
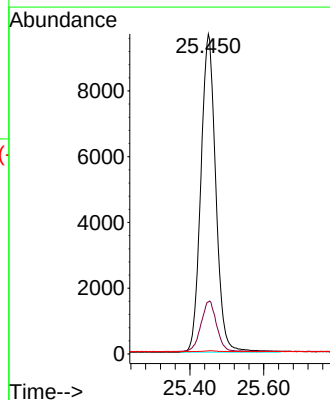
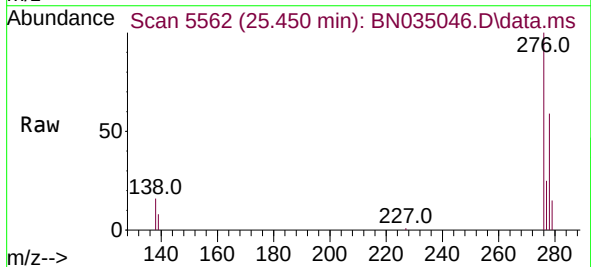
Instrument :
BNA_N
ClientSampleId :
SLCS747

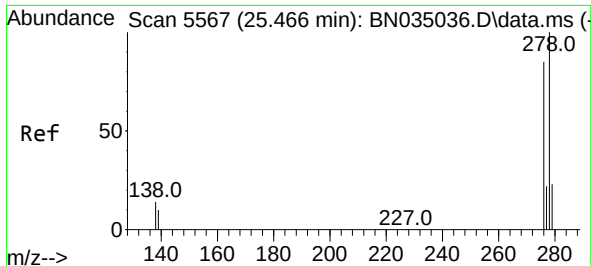
Tgt Ion:252 Resp: 20366
Ion Ratio Lower Upper
252 100
253 25.3 21.2 31.8
125 9.6 6.3 9.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.480 ng/ul
RT: 25.450 min Scan# 5562
Delta R.T. -0.020 min
Lab File: BN035046.D
Acq: 12 Nov 2024 21:12

Tgt Ion:276 Resp: 27108
Ion Ratio Lower Upper
276 100
138 16.9 10.8 16.2#
227 0.3 0.2 0.4

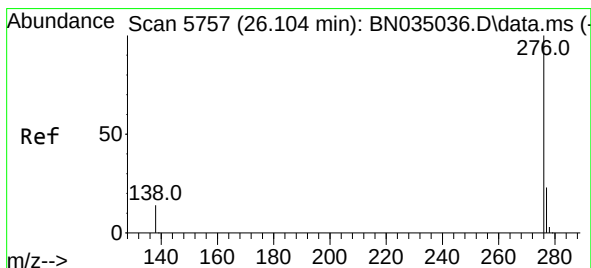
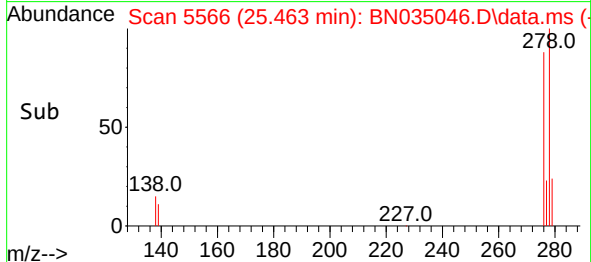
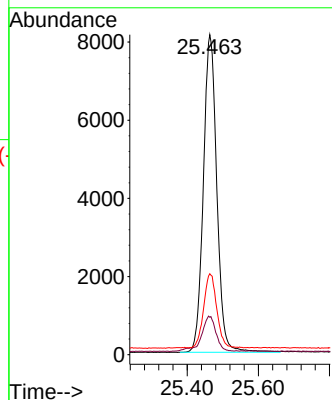
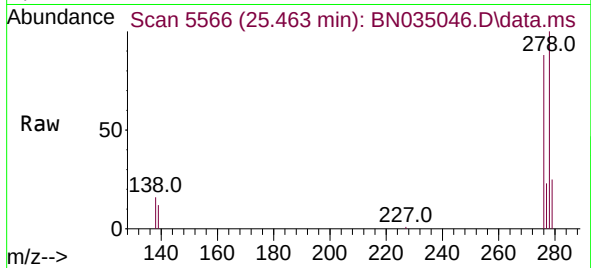




#28
 Dibenzo(a,h)anthracene
 Concen: 0.485 ng/ul
 RT: 25.463 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

Instrument :
 BNA_N
 ClientSampleId :
 SLCS747

Tgt Ion:278 Resp: 21356
 Ion Ratio Lower Upper
 278 100
 139 11.7 8.4 12.6
 279 25.3 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.488 ng/ul
 RT: 26.097 min Scan# 5755
 Delta R.T. -0.030 min
 Lab File: BN035046.D
 Acq: 12 Nov 2024 21:12

Tgt Ion:276 Resp: 21072
 Ion Ratio Lower Upper
 276 100
 138 15.1 10.3 15.5
 277 25.1 20.2 30.2

