

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021323\
 Data File : BN024015.D
 Acq On : 13 Feb 2023 16:03
 Operator : CG/JU
 Sample : PB150763BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS763

Quant Time: Feb 14 01:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 01:13:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

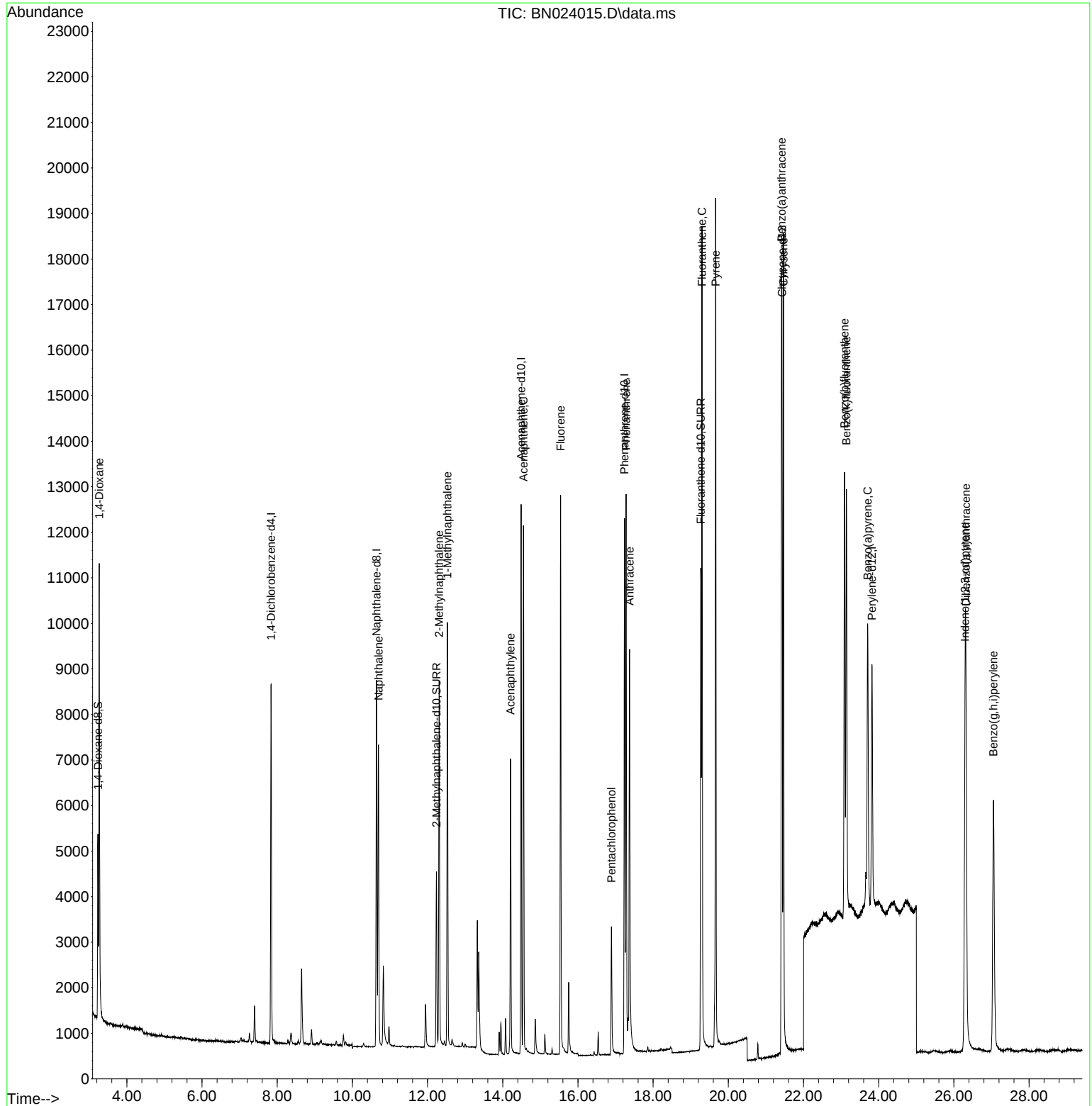
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	3995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	10509	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.488	164	6297	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	13949	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.429	240	11606	0.400	ng/ul	# 0.00
23) Perylene-d12	23.820	264	8057	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	2508	0.586	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	4924	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	11941	0.383	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	6801	1.499	ng/ul#	80
5) Naphthalene	10.694	128	9024	0.314	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	5705	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.526	142	6122	0.320	ng/ul	99
10) Acenaphthylene	14.206	152	7600	0.315	ng/ul	100
11) Acenaphthene	14.548	153	6742	0.318	ng/ul	99
12) Fluorene	15.538	166	7757	0.303	ng/ul	97
14) Pentachlorophenol	16.892	266	1971	0.428	ng/ul	98
15) Phenanthrene	17.280	178	13092	0.315	ng/ul	100
16) Anthracene	17.373	178	10916	0.314	ng/ul	99
19) Fluoranthene	19.299	202	15662	0.406	ng/ul#	95
20) Pyrene	19.662	202	15729	0.394	ng/ul#	95
21) Benzo(a)anthracene	21.414	228	13228	0.336	ng/ul	100
22) Chrysene	21.467	228	15035	0.362	ng/ul	99
24) Benzo(b)fluoranthene	23.089	252	13622	0.383	ng/ul	97
25) Benzo(k)fluoranthene	23.142	252	13539	0.389	ng/ul#	96
26) Benzo(a)pyrene	23.706	252	10463	0.353	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.295	276	13444	0.323	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.319	278	10773	0.324	ng/ul	95
29) Benzo(g,h,i)perylene	27.053	276	11724	0.343	ng/ul	96

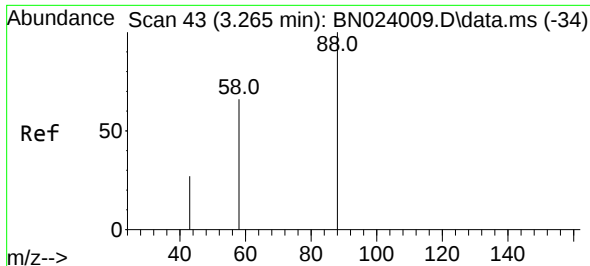
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 01:13:07 2023
Response via : Initial Calibration

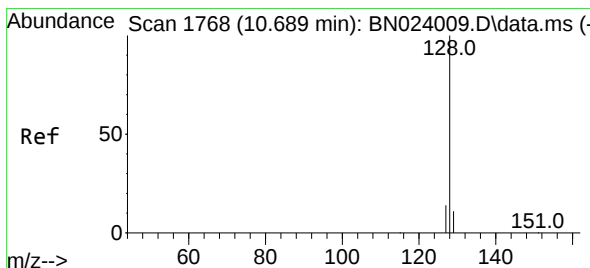
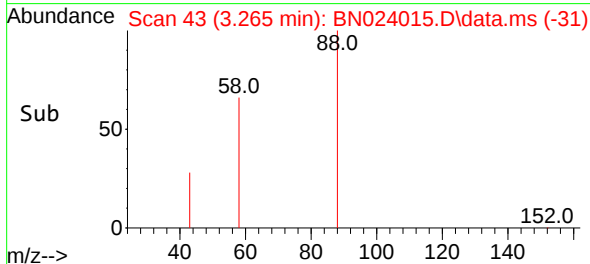
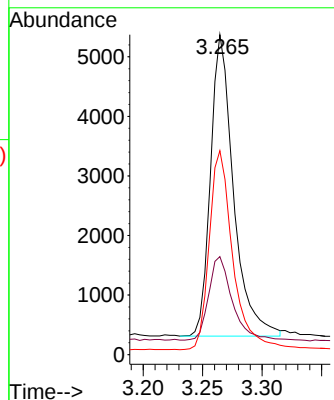
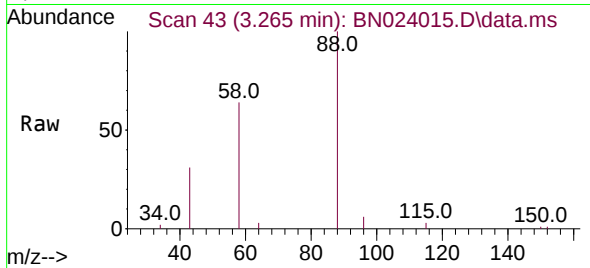




#2
 1,4-Dioxane
 Concen: 1.499 ng/ul
 RT: 3.265 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: BN024015.D
 Acq: 13 Feb 2023 16:03

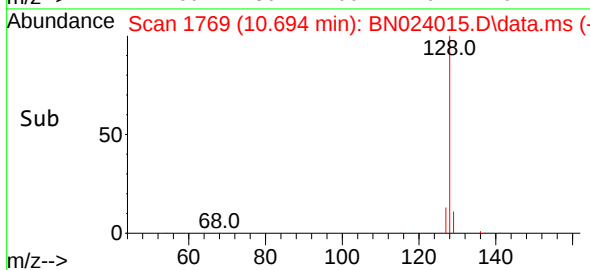
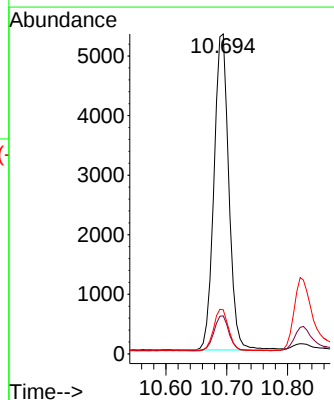
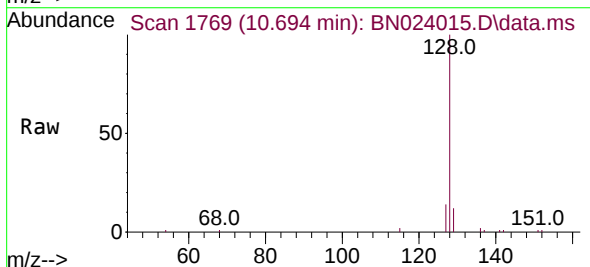
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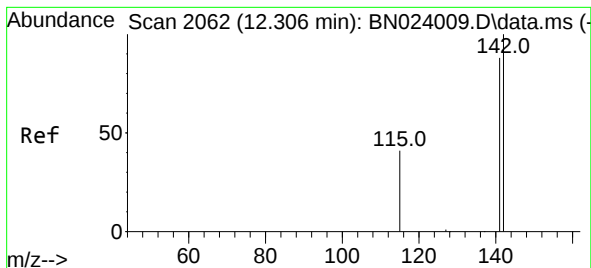
Tgt Ion: 88 Resp: 6801
 Ion Ratio Lower Upper
 88 100
 43 30.7 41.9 62.9#
 58 63.7 45.6 68.4



#5
 Naphthalene
 Concen: 0.314 ng/ul
 RT: 10.694 min Scan# 1769
 Delta R.T. 0.005 min
 Lab File: BN024015.D
 Acq: 13 Feb 2023 16:03

Tgt Ion: 128 Resp: 9024
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.7 14.5
 127 13.8 11.1 16.7

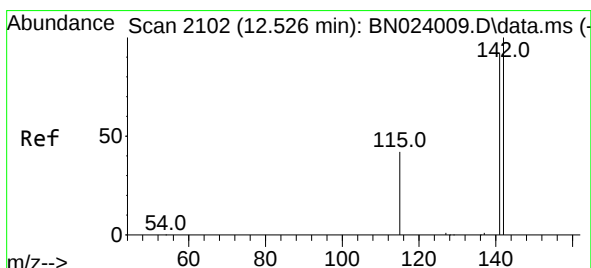
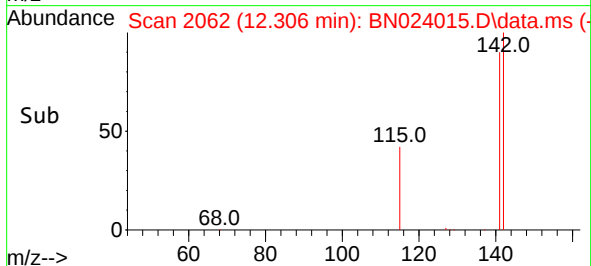
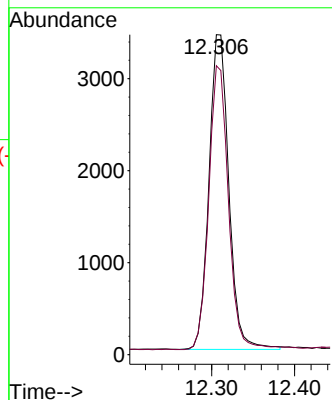
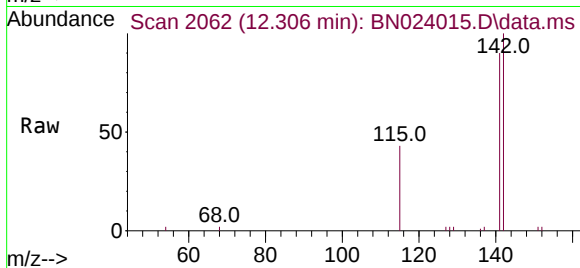




#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.306 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

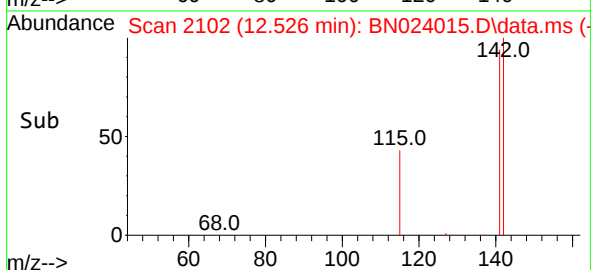
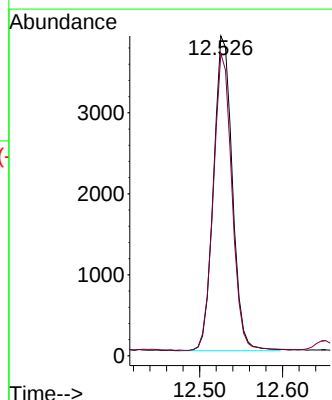
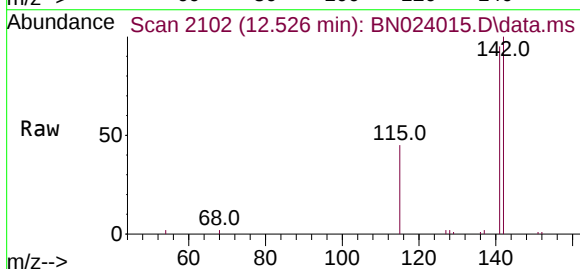
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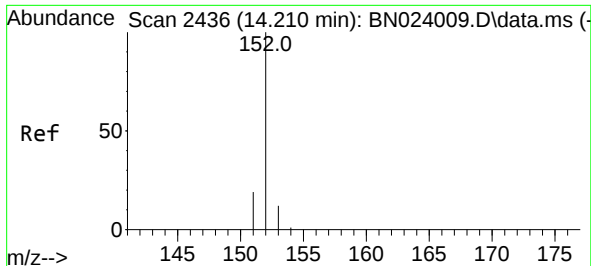
Tgt Ion:142 Resp: 5705
Ion Ratio Lower Upper
142 100
141 89.4 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:142 Resp: 6122
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

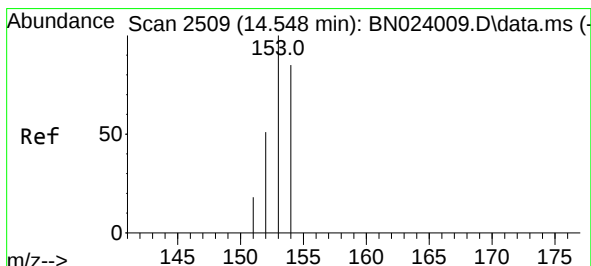
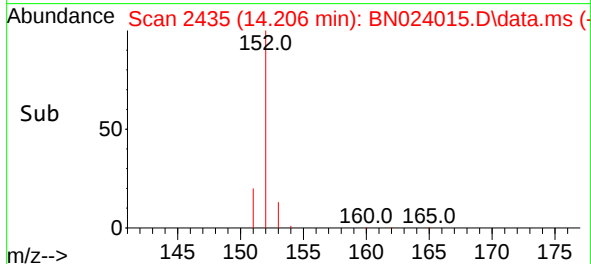
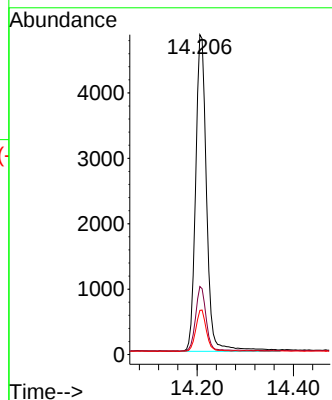
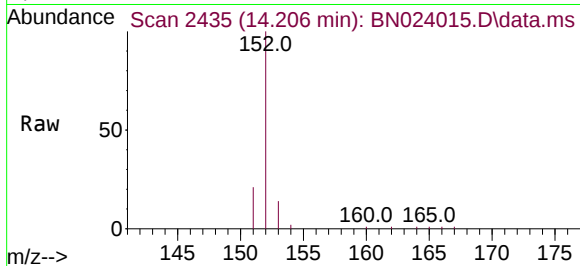




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

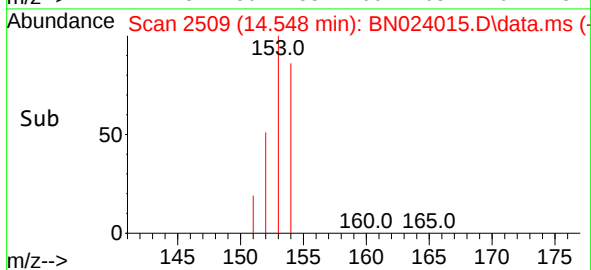
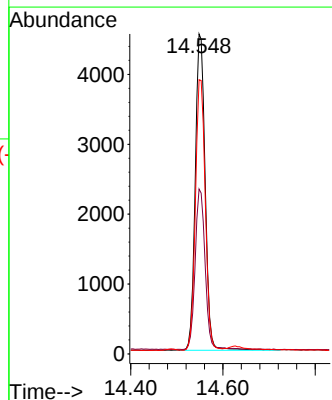
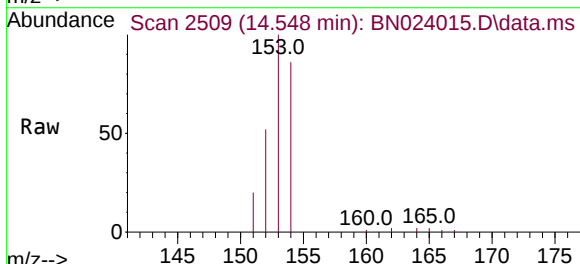
Instrument :
BNA_N
ClientSampleId :
SLCS763

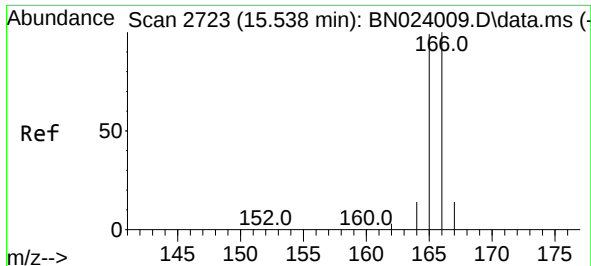
Tgt Ion:152 Resp: 7600
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.4
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:153 Resp: 6742
Ion Ratio Lower Upper
153 100
152 51.6 39.6 59.4
154 85.7 68.8 103.2

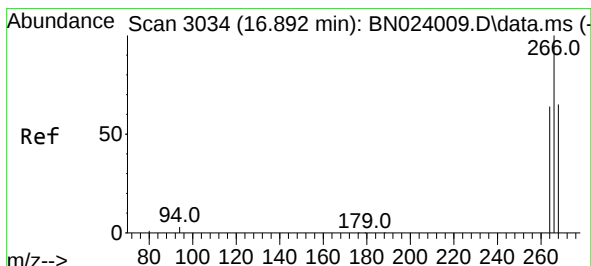
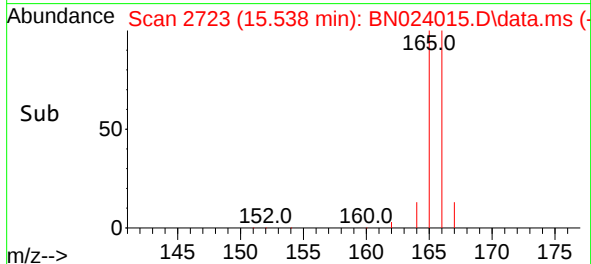
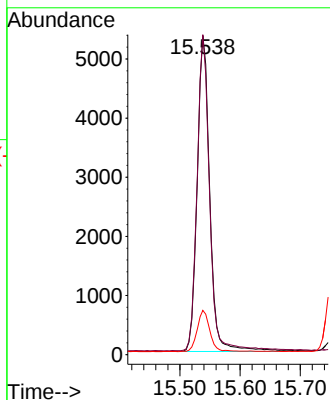
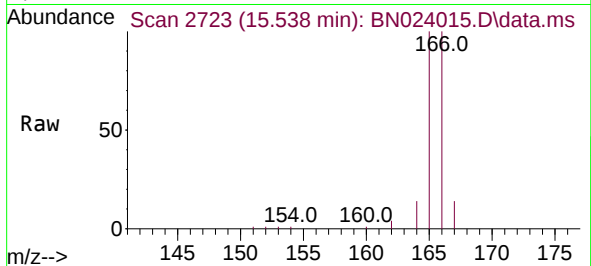




#12
 Fluorene
 Concen: 0.303 ng/ul
 RT: 15.538 min Scan# 2723
 Delta R.T. -0.000 min
 Lab File: BN024015.D
 Acq: 13 Feb 2023 16:03

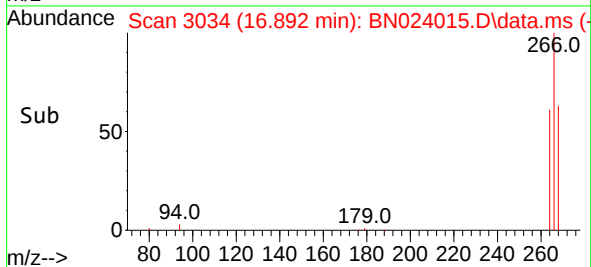
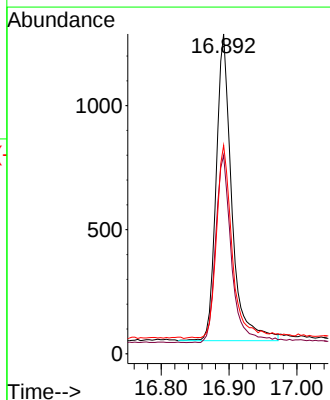
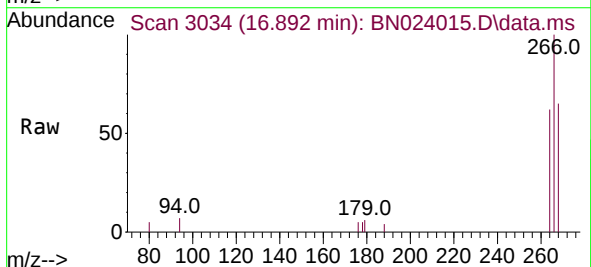
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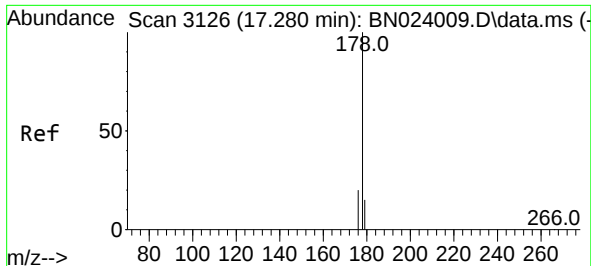
Tgt Ion:166 Resp: 7757
 Ion Ratio Lower Upper
 166 100
 165 100.3 77.4 116.2
 167 13.9 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.428 ng/ul
 RT: 16.892 min Scan# 3034
 Delta R.T. -0.000 min
 Lab File: BN024015.D
 Acq: 13 Feb 2023 16:03

Tgt Ion:266 Resp: 1971
 Ion Ratio Lower Upper
 266 100
 264 62.4 49.4 74.0
 268 62.8 52.0 78.0

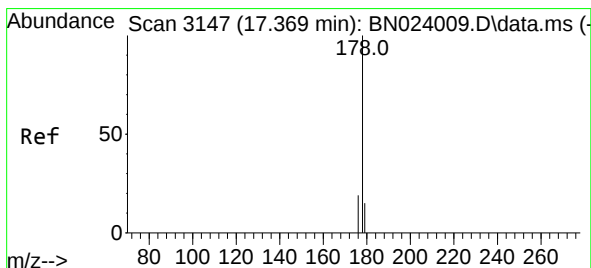
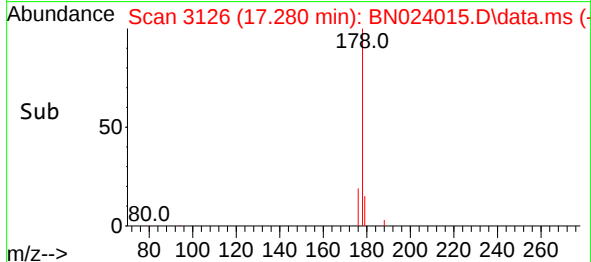
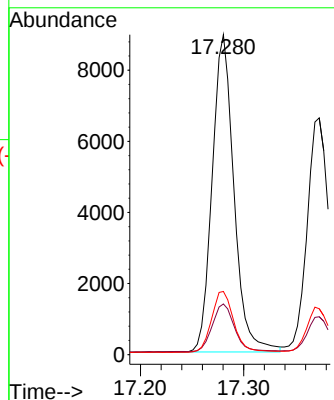
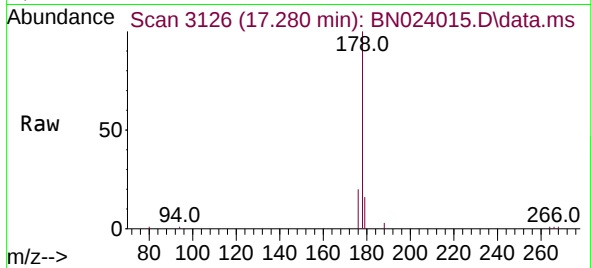




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.280 min Scan# 3126
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

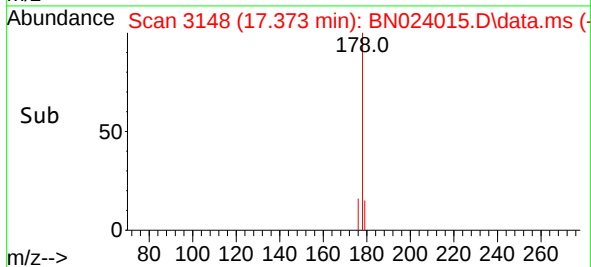
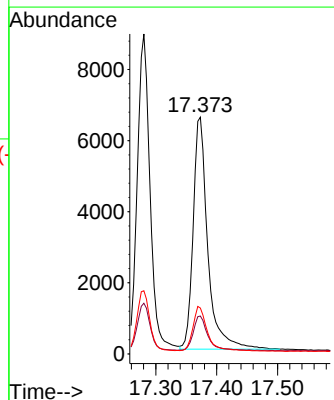
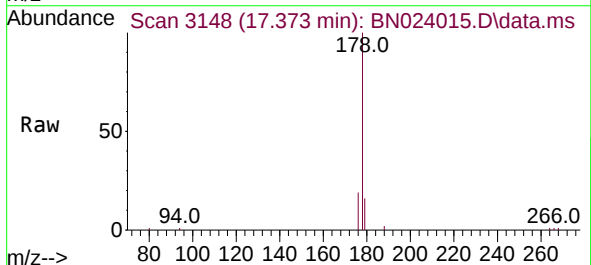
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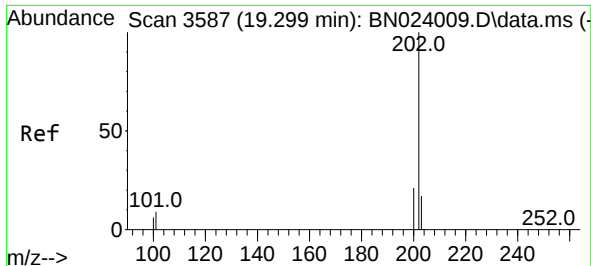
Tgt Ion:178 Resp: 13092
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.373 min Scan# 3148
Delta R.T. 0.004 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:178 Resp: 10916
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.0
176 19.4 15.4 23.2

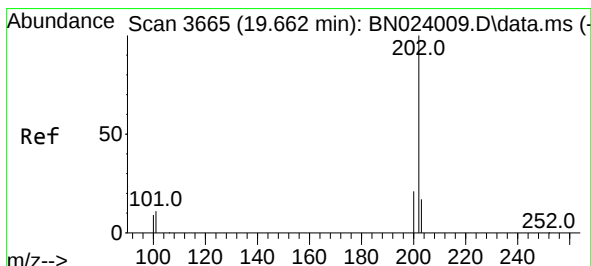
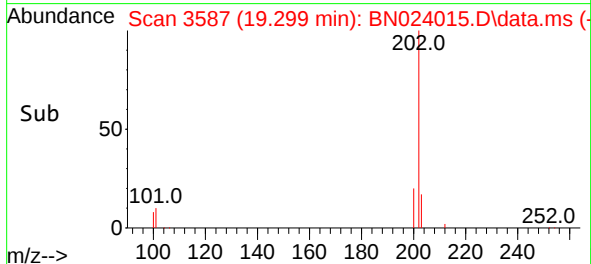
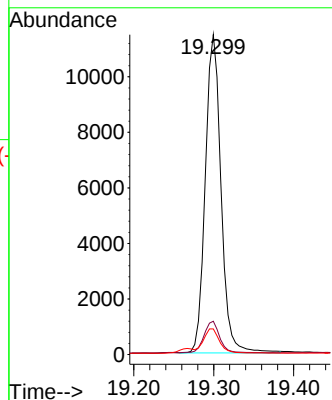
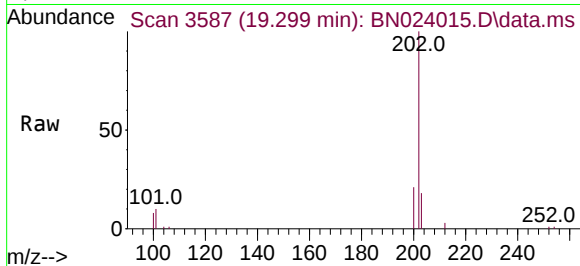




#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.299 min Scan# 3587
Delta R.T. 0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

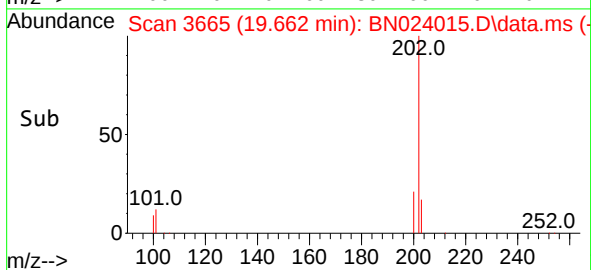
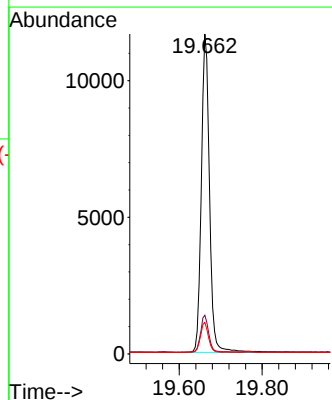
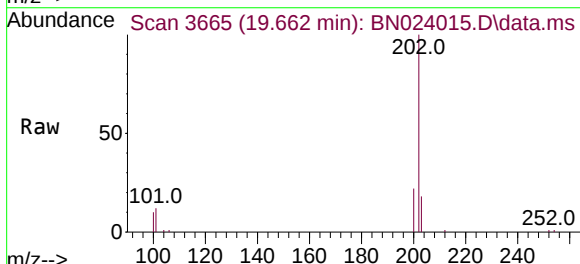
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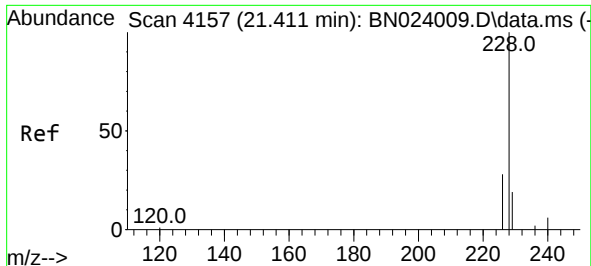
Tgt Ion:202 Resp: 15662
Ion Ratio Lower Upper
202 100
101 10.4 6.8 10.2#
100 8.0 5.2 7.8#



#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.662 min Scan# 3665
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:202 Resp: 15729
Ion Ratio Lower Upper
202 100
101 12.1 8.1 12.1
100 9.8 6.2 9.4#

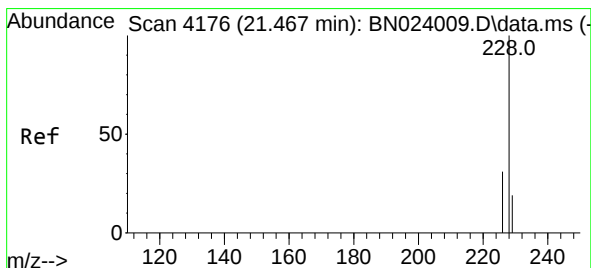
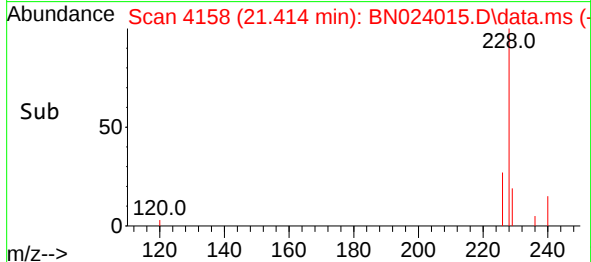
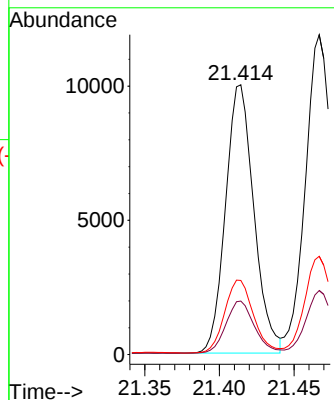
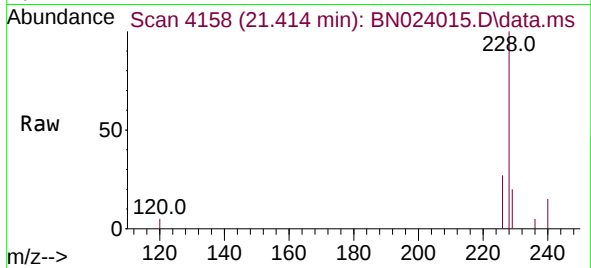




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.414 min Scan# 4157
Delta R.T. 0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

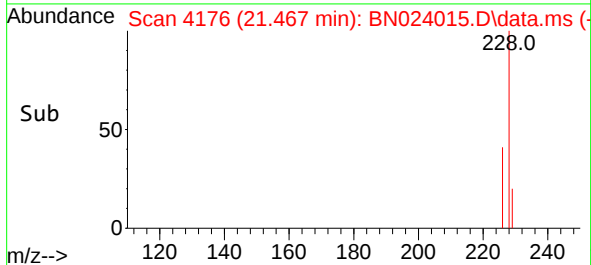
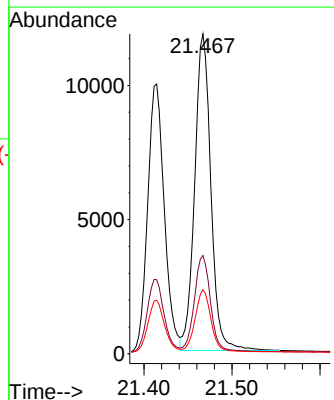
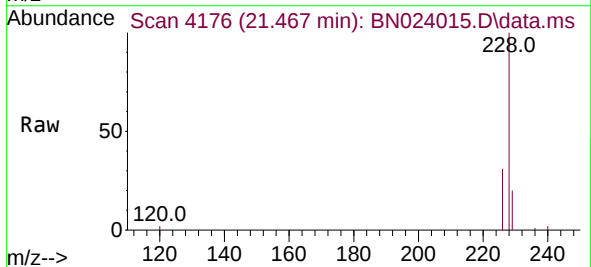
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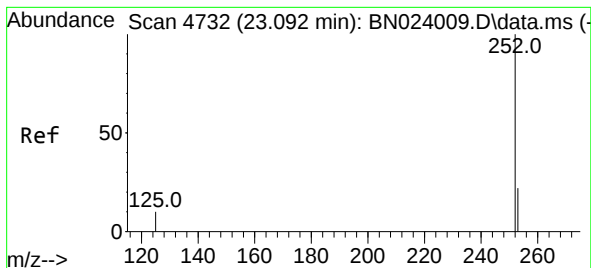
Tgt Ion:228 Resp: 13228
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:228 Resp: 15035
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.2
229 20.0 15.5 23.3





#24

Benzo(b)fluoranthene

Concen: 0.383 ng/ul

RT: 23.089 min Scan# 4731

Delta R.T. -0.003 min

Lab File: BN024015.D

Acq: 13 Feb 2023 16:03

Instrument :

BNA_N

ClientSampleId :

SLCS763

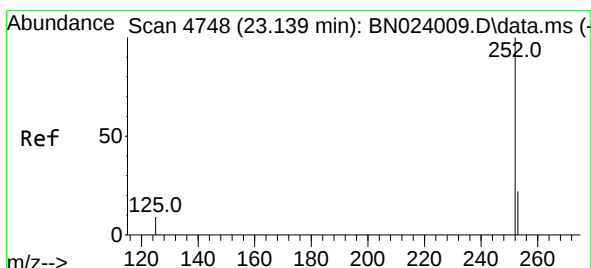
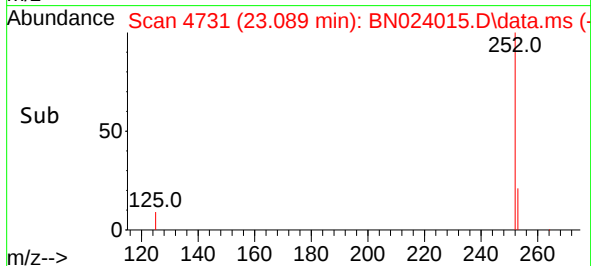
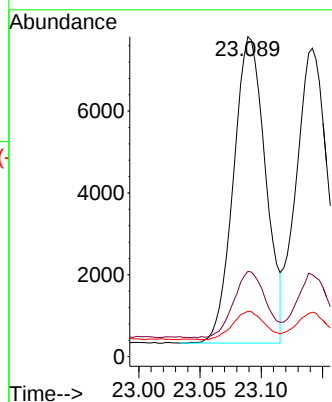
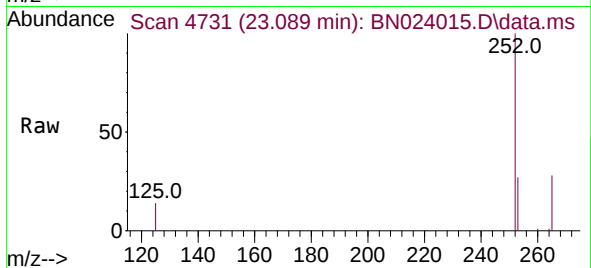
Tgt Ion:252 Resp: 13622

Ion Ratio Lower Upper

252 100

253 26.6 0.0 51.8

125 14.2 0.0 23.6



#25

Benzo(k)fluoranthene

Concen: 0.389 ng/ul

RT: 23.142 min Scan# 4749

Delta R.T. 0.003 min

Lab File: BN024015.D

Acq: 13 Feb 2023 16:03

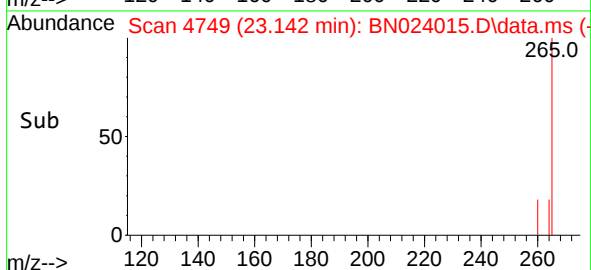
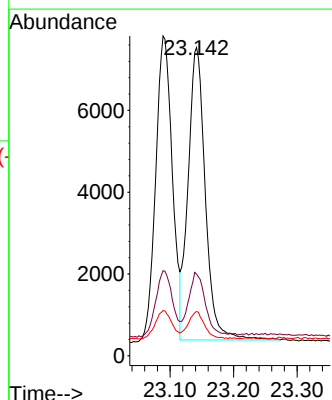
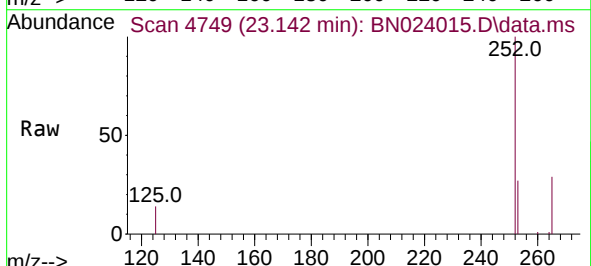
Tgt Ion:252 Resp: 13539

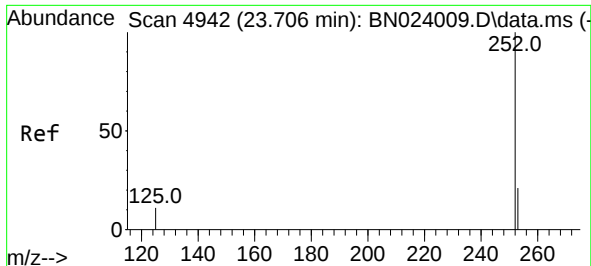
Ion Ratio Lower Upper

252 100

253 26.6 20.2 30.2

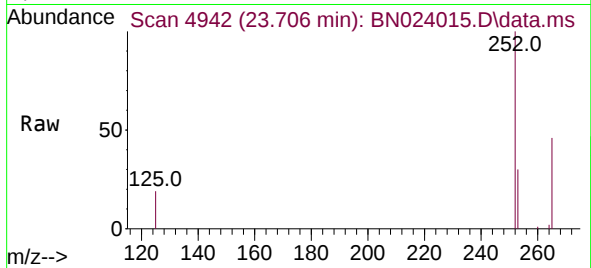
125 14.4 9.0 13.4#



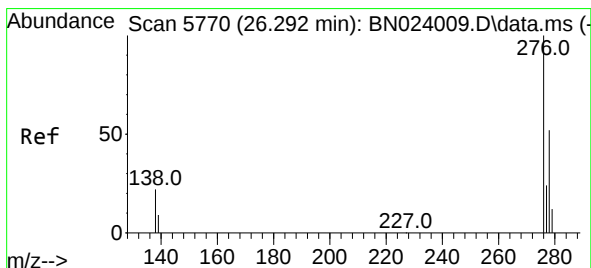
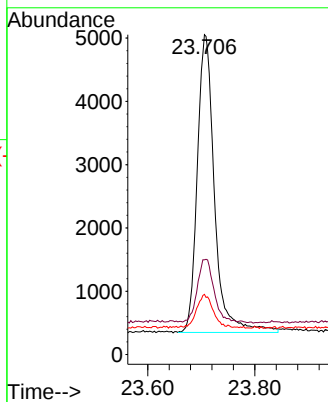
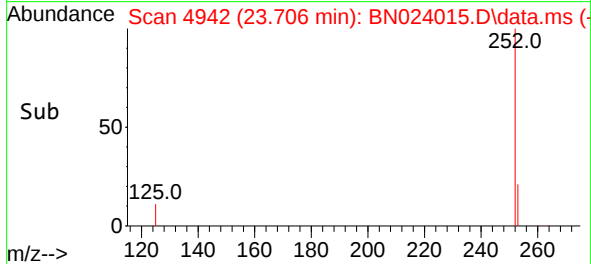


#26
Benzo(a)pyrene
Concen: 0.353 ng/ul
RT: 23.706 min Scan# 4942
Delta R.T. -0.000 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

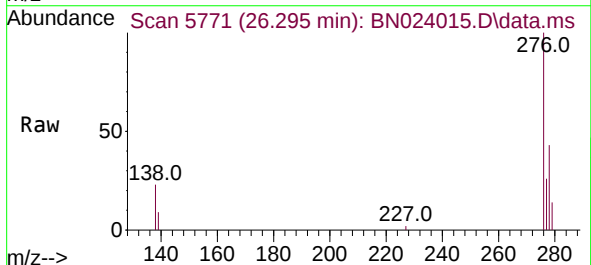
Instrument :
BNA_N
ClientSampleId :
SLCS763



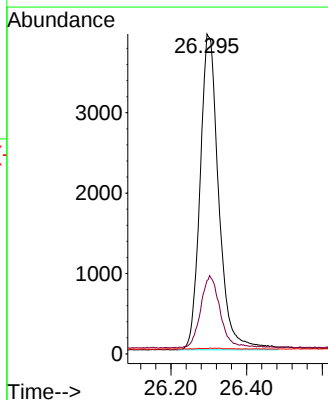
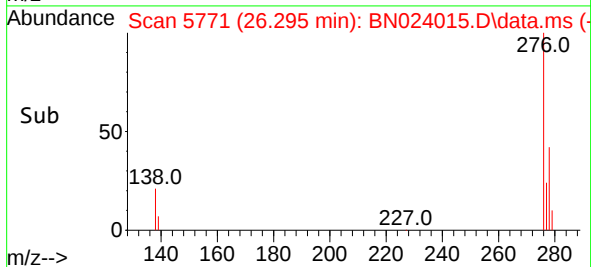
Tgt Ion:252 Resp: 10463
Ion Ratio Lower Upper
252 100
253 29.6 21.5 32.3
125 18.8 11.2 16.8#

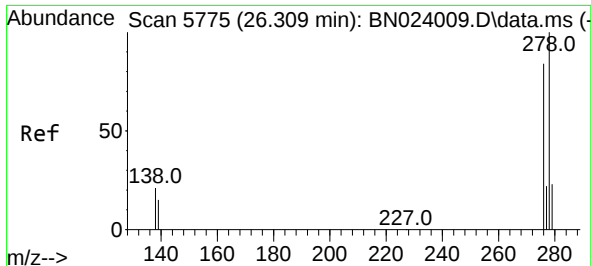


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.295 min Scan# 5771
Delta R.T. 0.003 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03



Tgt Ion:276 Resp: 13444
Ion Ratio Lower Upper
276 100
138 23.9 17.0 25.6
227 0.1 0.2 0.4#

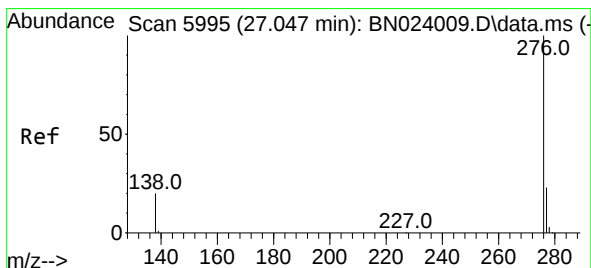
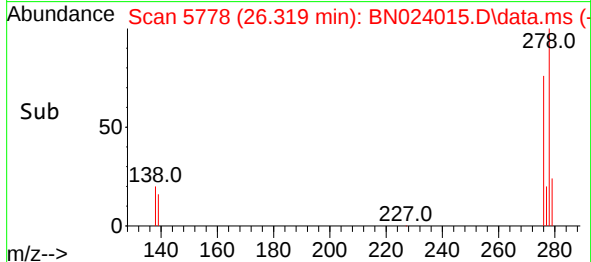
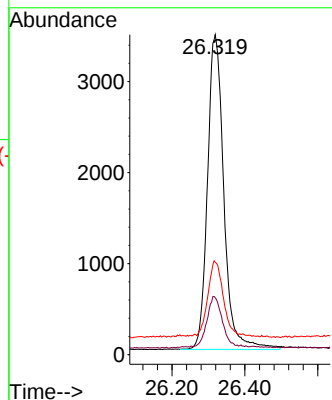
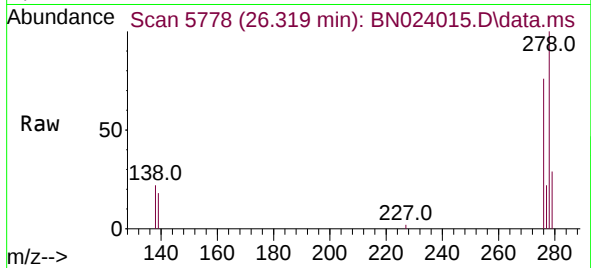




#28
Dibenzo(a,h)anthracene
Concen: 0.324 ng/ul
RT: 26.319 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Instrument :
BNA_N
ClientSampleId :
SLCS763

Tgt Ion:278 Resp: 10773
Ion Ratio Lower Upper
278 100
139 17.7 12.3 18.5
279 28.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 27.053 min Scan# 5997
Delta R.T. 0.007 min
Lab File: BN024015.D
Acq: 13 Feb 2023 16:03

Tgt Ion:276 Resp: 11724
Ion Ratio Lower Upper
276 100
138 22.7 15.3 22.9
277 25.5 19.9 29.9

