

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035305.D
 Acq On : 26 Nov 2024 06:56
 Operator : RC/JU
 Sample : PB165232BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS232

Quant Time: Nov 26 07:18:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

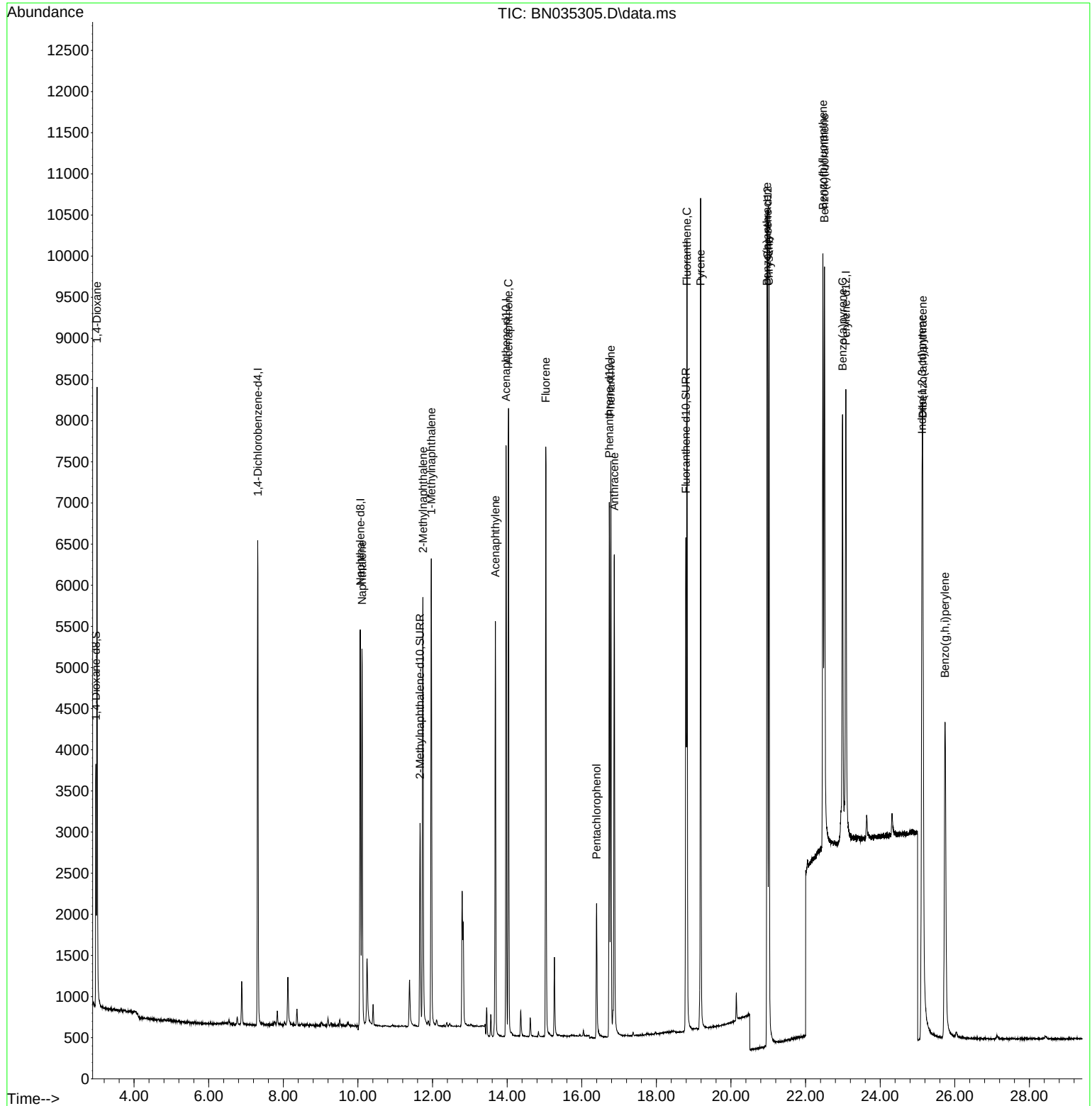
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.314	152	2937	0.400	ng/ul	0.00
4) Naphthalene-d8	10.064	136	7102	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164	3820	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188	7710	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.982	240	6344	0.400	ng/ul	# 0.00
23) Perylene-d12	23.080	264	6933	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1941	0.723	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152	3420	0.329	ng/ul	0.00
18) Fluoranthene-d10	18.791	212	6845	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.005	88	5078	1.743	ng/ul	88
5) Naphthalene	10.108	128	6231	0.348	ng/ul	100
7) 2-Methylnaphthalene	11.741	142	3947	0.318	ng/ul	98
8) 1-Methylnaphthalene	11.967	142	4027	0.322	ng/ul	99
10) Acenaphthylene	13.685	152	5585	0.369	ng/ul	100
11) Acenaphthene	14.037	153	4259	0.367	ng/ul	98
12) Fluorene	15.036	166	4635	0.341	ng/ul	99
14) Pentachlorophenol	16.396	266	1211	0.674	ng/ul	99
15) Phenanthrene	16.781	178	7411	0.364	ng/ul	99
16) Anthracene	16.873	178	6481	0.343	ng/ul	100
19) Fluoranthene	18.819	202	8473	0.384	ng/ul#	92
20) Pyrene	19.186	202	8680	0.378	ng/ul#	90
21) Benzo(a)anthracene	20.967	228	7934	0.360	ng/ul	99
22) Chrysene	21.017	228	9039	0.408	ng/ul	100
24) Benzo(b)fluoranthene	22.466	252	8433	0.368	ng/ul	96
25) Benzo(k)fluoranthene	22.507	252	9901	0.419	ng/ul#	95
26) Benzo(a)pyrene	22.989	252	7791	0.372	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.121	276	10885	0.385	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.141	278	8047	0.363	ng/ul#	95
29) Benzo(g,h,i)perylene	25.738	276	8293	0.372	ng/ul#	94

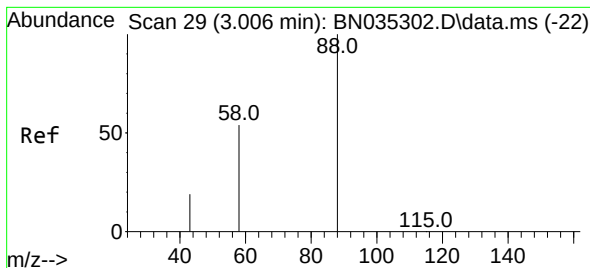
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.743 ng/ul

RT: 3.005 min Scan# 29

Delta R.T. -0.000 min

Lab File: BN035305.D

Acq: 26 Nov 2024 06:56

Instrument :

BNA_N

ClientSampleId :

SLCS232

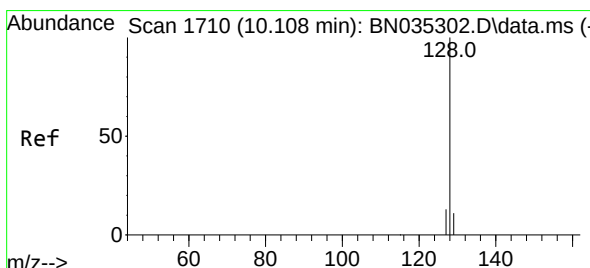
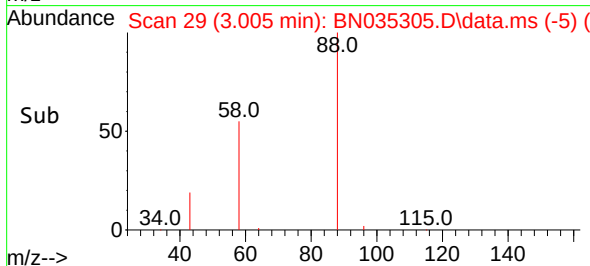
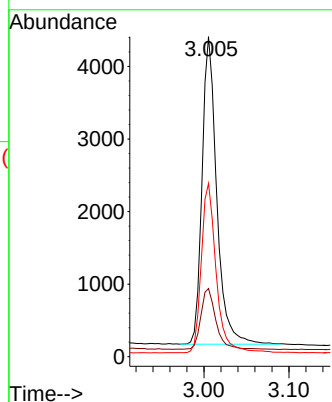
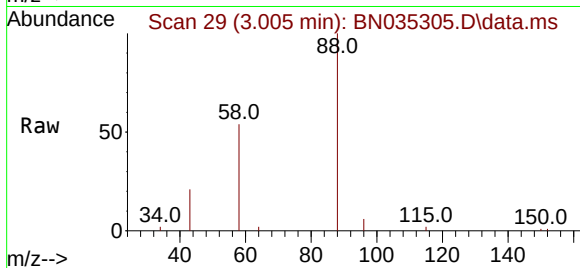
Tgt Ion: 88 Resp: 5078

Ion Ratio Lower Upper

88 100

43 21.3 20.6 31.0

58 54.1 36.2 54.4



#5

Naphthalene

Concen: 0.348 ng/ul

RT: 10.108 min Scan# 1710

Delta R.T. -0.000 min

Lab File: BN035305.D

Acq: 26 Nov 2024 06:56

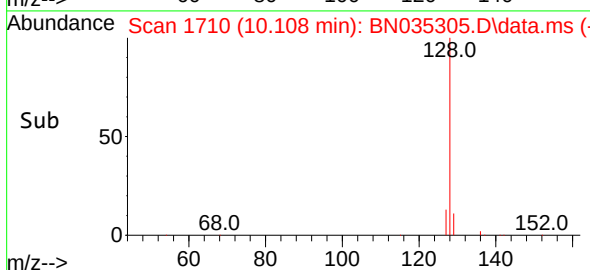
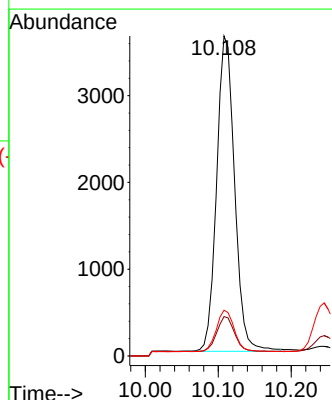
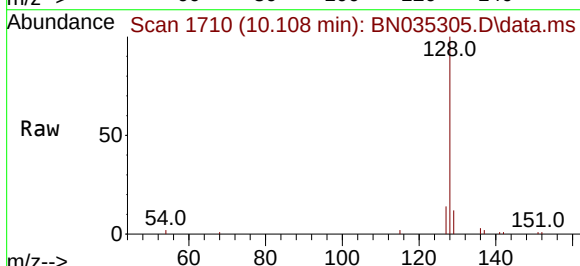
Tgt Ion: 128 Resp: 6231

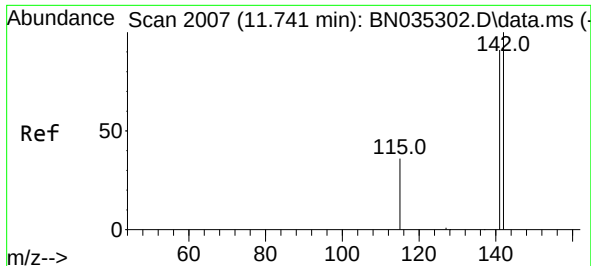
Ion Ratio Lower Upper

128 100

129 12.3 9.9 14.9

127 14.3 11.4 17.2

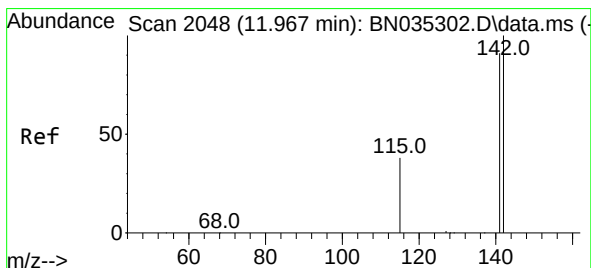
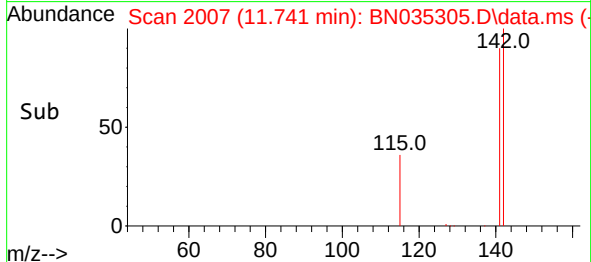
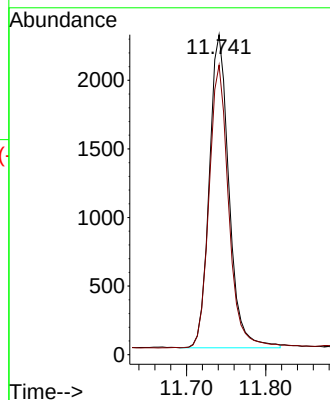
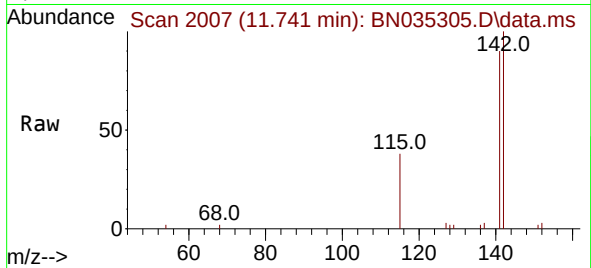




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 11.741 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

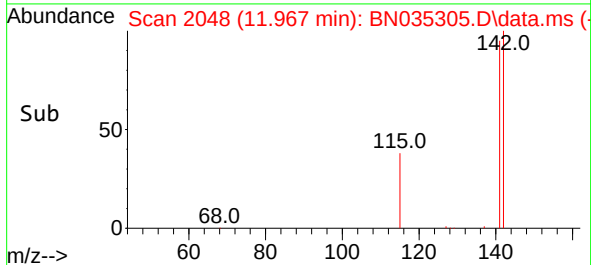
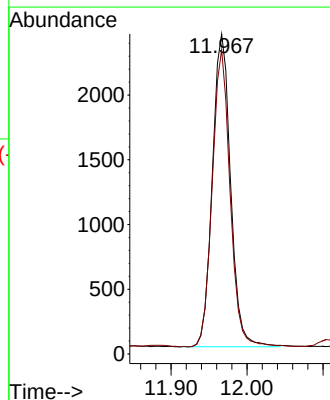
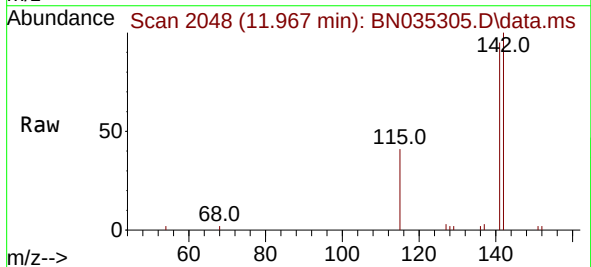
Instrument :
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SLCS232

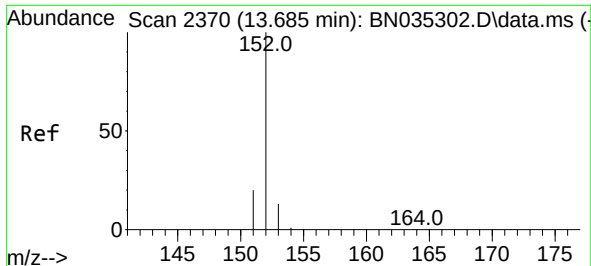
Tgt Ion:142 Resp: 3947
Ion Ratio Lower Upper
142 100
141 90.1 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 11.967 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Tgt Ion:142 Resp: 4027
Ion Ratio Lower Upper
142 100
141 92.7 73.1 109.7

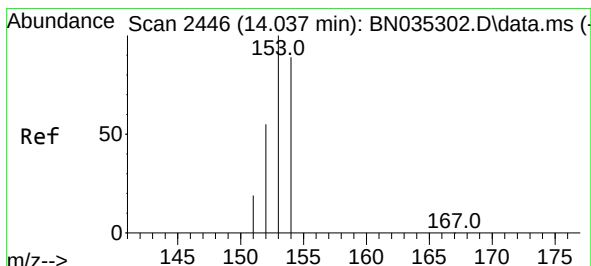
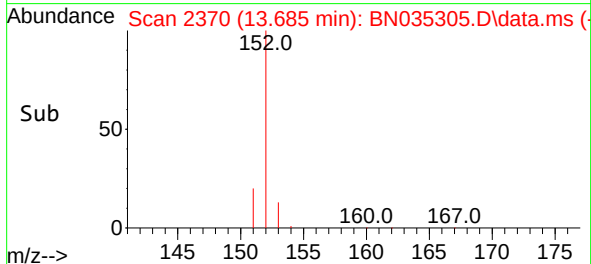
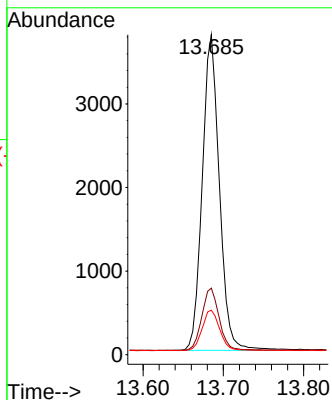
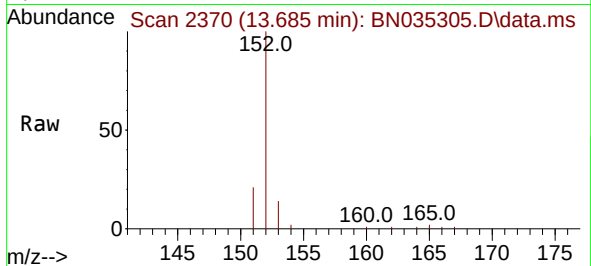




#10
Acenaphthylene
Concen: 0.369 ng/ul
RT: 13.685 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

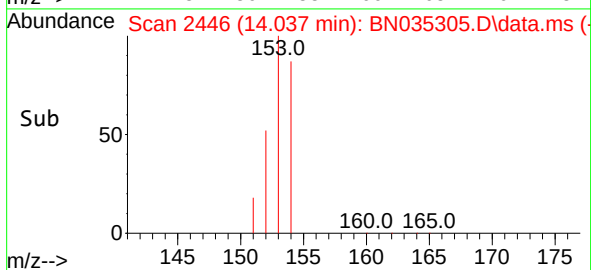
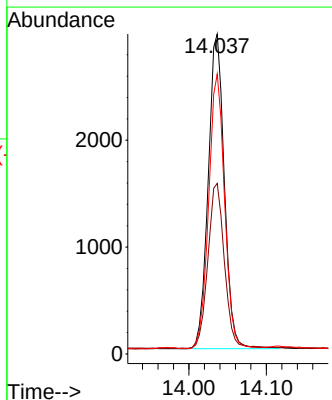
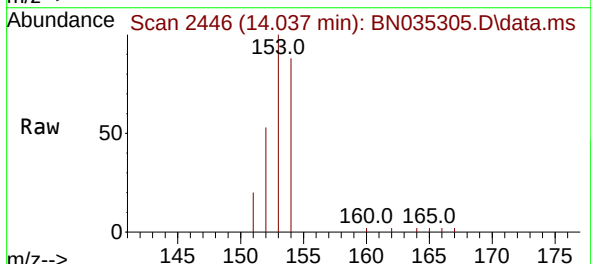
Instrument :
BNA_N
ClientSampleId :
SLCS232

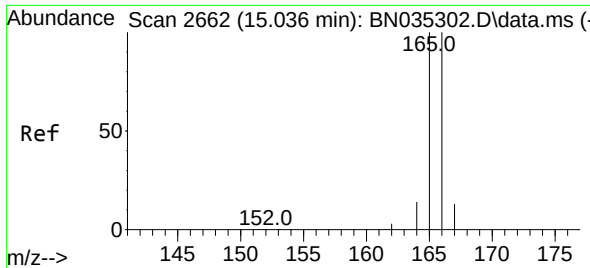
Tgt Ion:152 Resp: 5585
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.037 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Tgt Ion:153 Resp: 4259
Ion Ratio Lower Upper
153 100
152 53.3 41.4 62.0
154 87.5 71.2 106.8

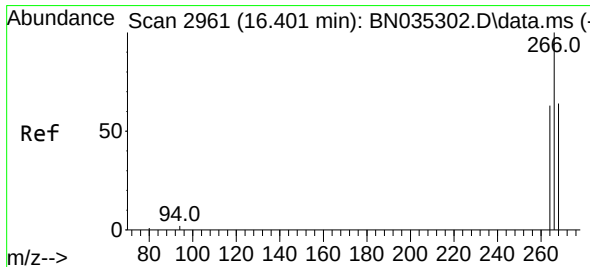
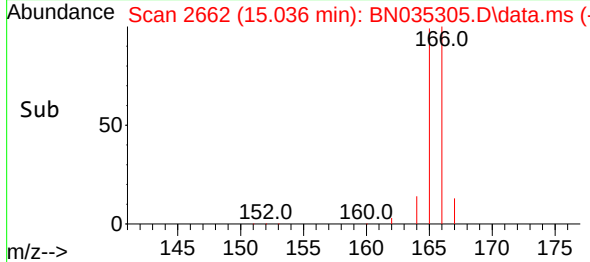
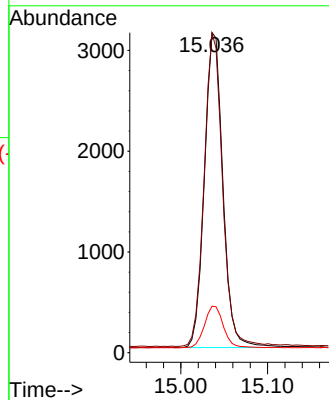
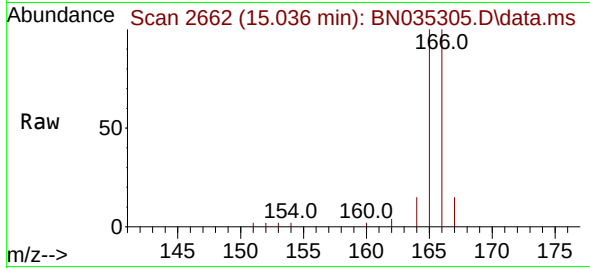




#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.036 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

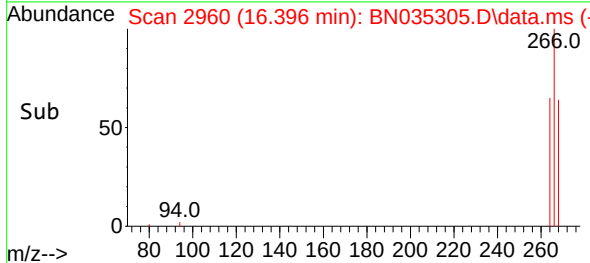
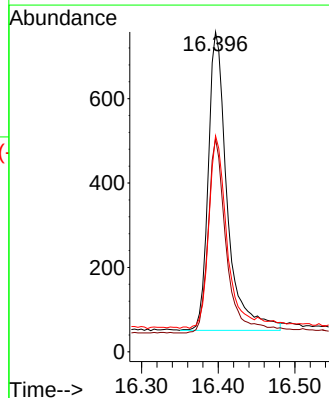
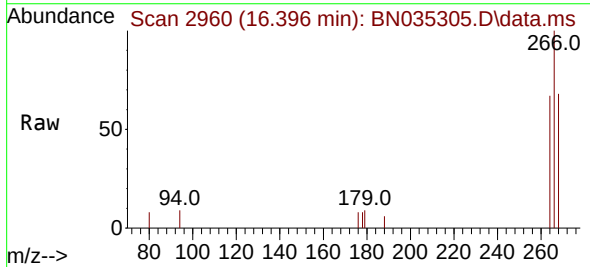
Instrument :
BNA_N
ClientSampleId :
SLCS232

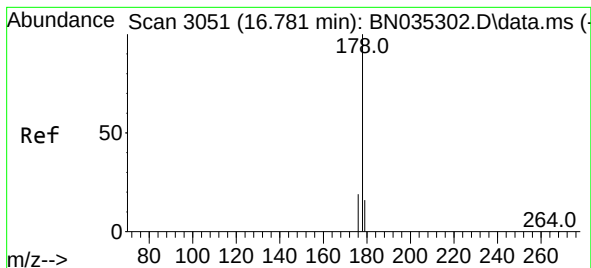
Tgt Ion:	166	Resp:	4635
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	118.0
167	14.5	11.8	17.6



#14
Pentachlorophenol
Concen: 0.674 ng/ul
RT: 16.396 min Scan# 2960
Delta R.T. -0.004 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Tgt Ion:	266	Resp:	1211
Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.8	77.6
268	64.2	51.3	76.9





#15

Phenanthrene

Concen: 0.364 ng/ul

RT: 16.781 min Scan# 3051

Delta R.T. -0.000 min

Lab File: BN035305.D

Acq: 26 Nov 2024 06:56

Instrument :

BNA_N

ClientSampleId :

SLCS232

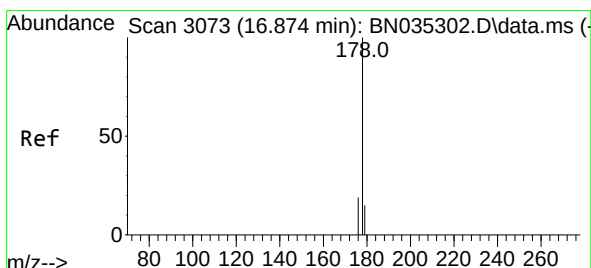
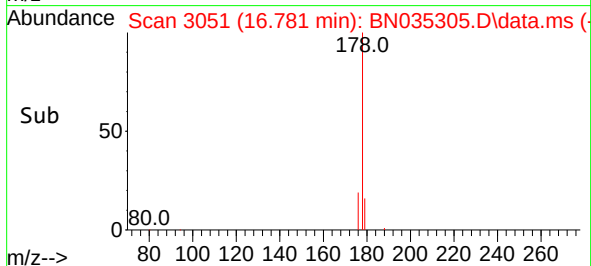
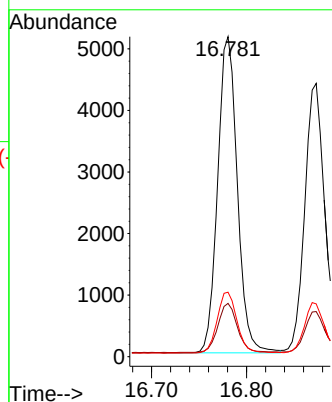
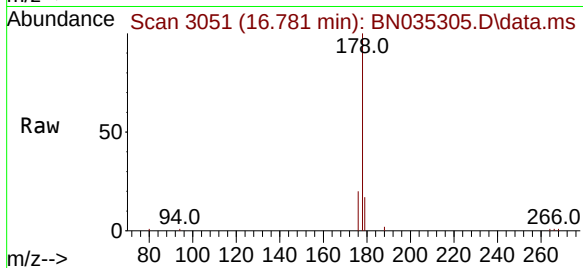
Tgt Ion:178 Resp: 7411

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.1 15.6 23.4



#16

Anthracene

Concen: 0.343 ng/ul

RT: 16.873 min Scan# 3073

Delta R.T. -0.000 min

Lab File: BN035305.D

Acq: 26 Nov 2024 06:56

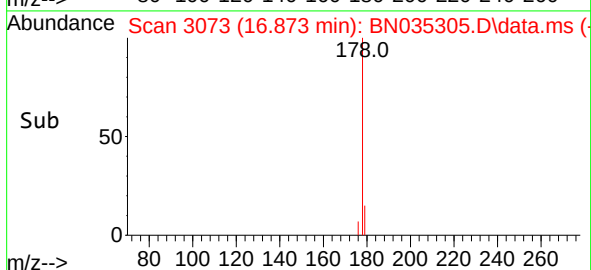
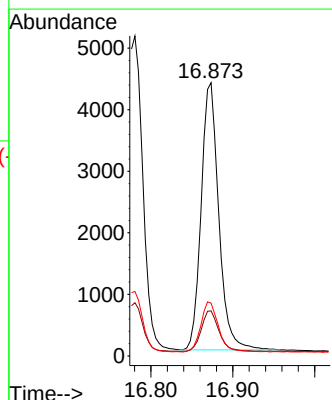
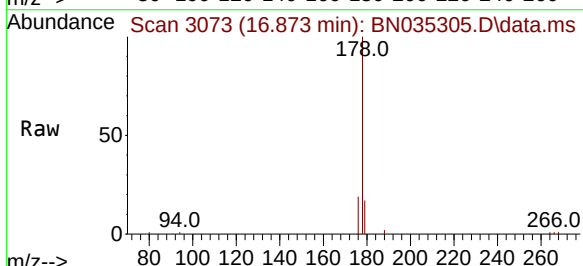
Tgt Ion:178 Resp: 6481

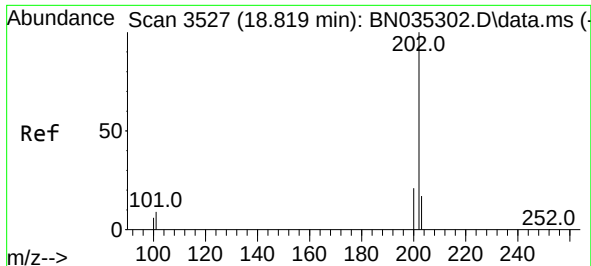
Ion Ratio Lower Upper

178 100

179 16.5 12.9 19.3

176 19.3 15.4 23.2

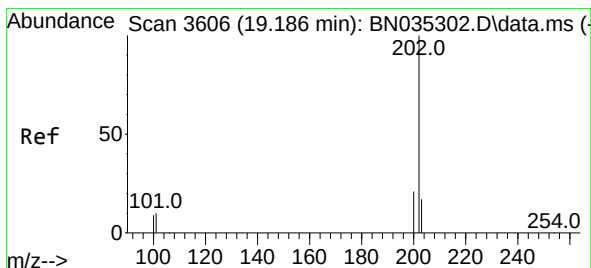
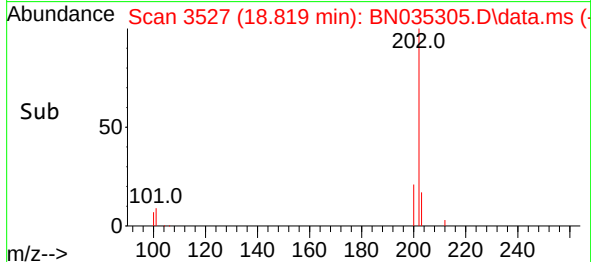
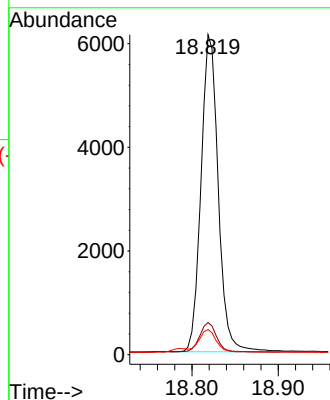
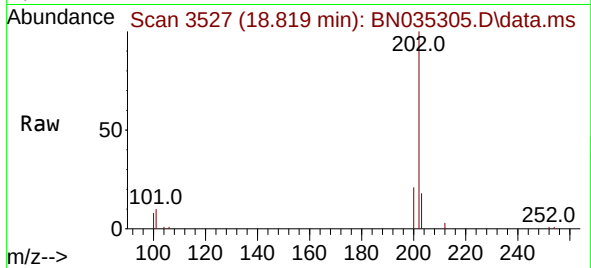




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 18.819 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

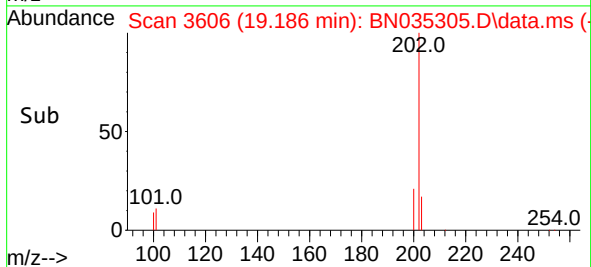
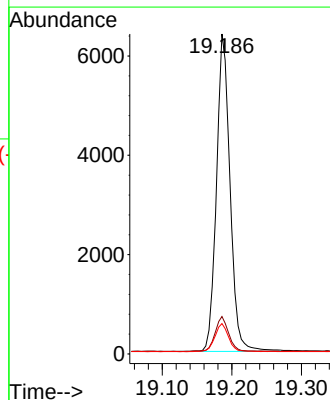
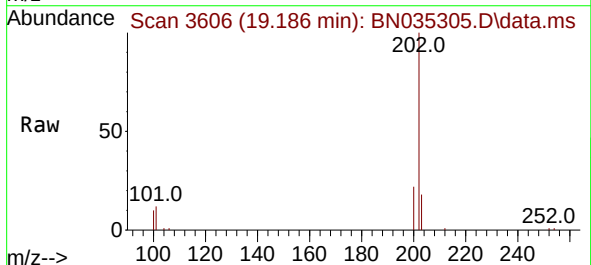
Instrument :
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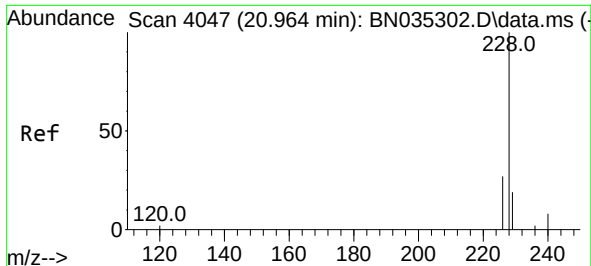
Tgt Ion:202 Resp: 8473
Ion Ratio Lower Upper
202 100
101 10.1 5.8 8.6#
100 7.8 4.5 6.7#



#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.186 min Scan# 3606
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

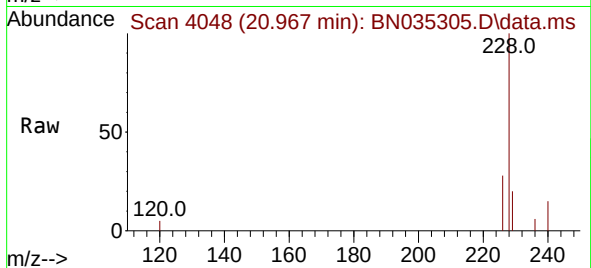
Tgt Ion:202 Resp: 8680
Ion Ratio Lower Upper
202 100
101 11.7 6.2 9.4#
100 9.5 5.1 7.7#



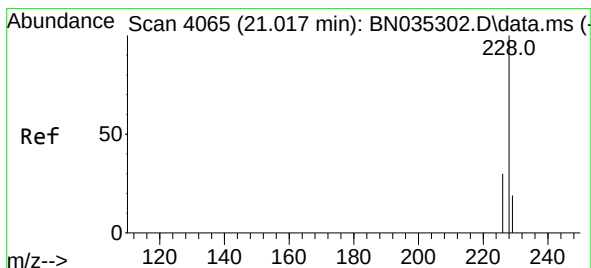
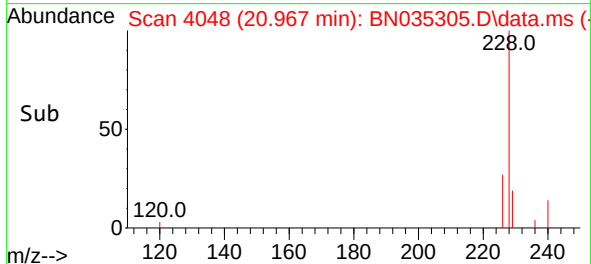
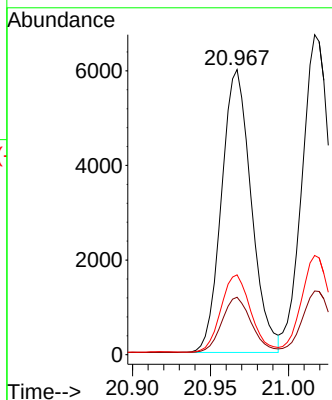


#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 20.967 min Scan# 4047
Delta R.T. 0.003 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Instrument :
BNA_N
ClientSampleId :
SLCS232

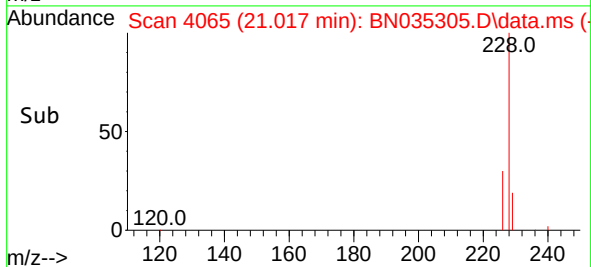
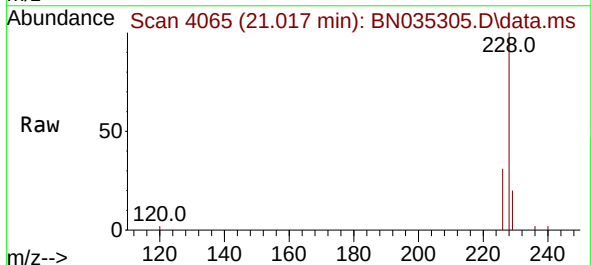
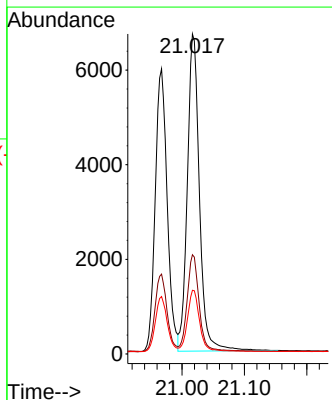


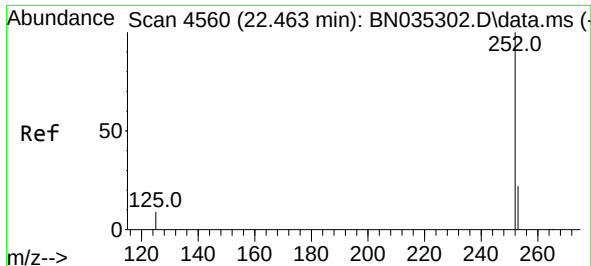
Tgt Ion:228 Resp: 7934
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 28.0 21.8 32.8



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.017 min Scan# 4065
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Tgt Ion:228 Resp: 9039
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 19.9 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.368 ng/ul

RT: 22.466 min Scan# 4561

Delta R.T. 0.003 min

Lab File: BN035305.D

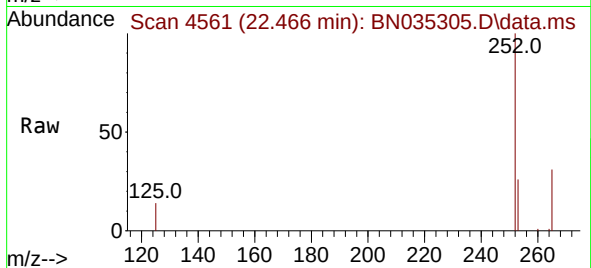
Acq: 26 Nov 2024 06:56

Instrument :

BNA_N

ClientSampleId :

SLCS232



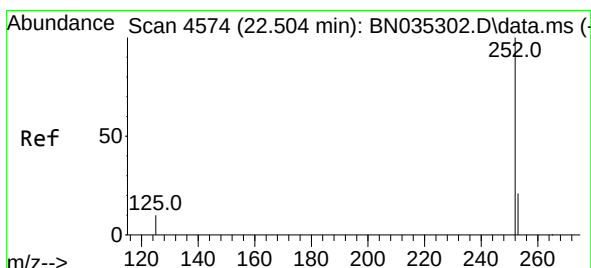
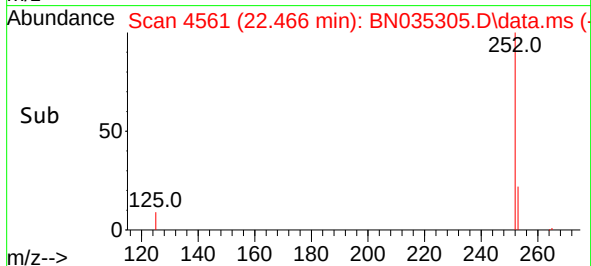
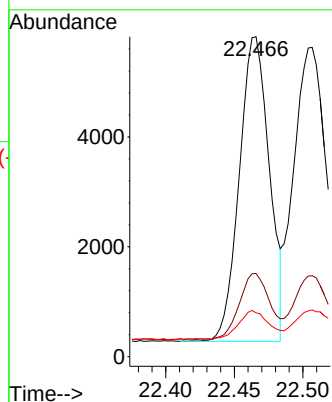
Tgt Ion:252 Resp: 8433

Ion Ratio Lower Upper

252 100

253 26.0 0.0 54.0

125 13.7 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.419 ng/ul

RT: 22.507 min Scan# 4575

Delta R.T. 0.003 min

Lab File: BN035305.D

Acq: 26 Nov 2024 06:56

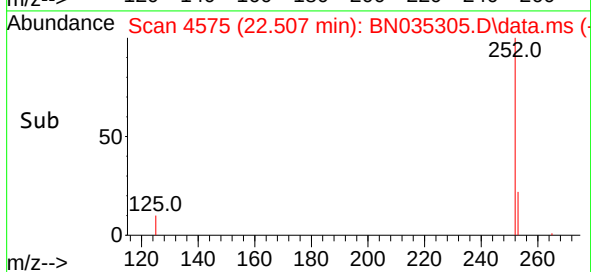
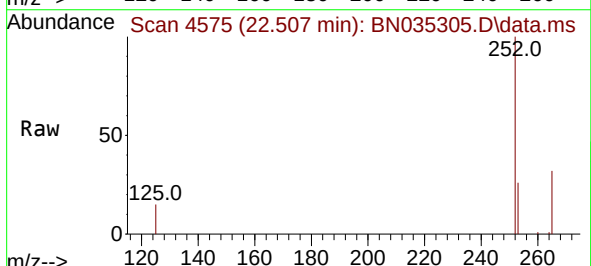
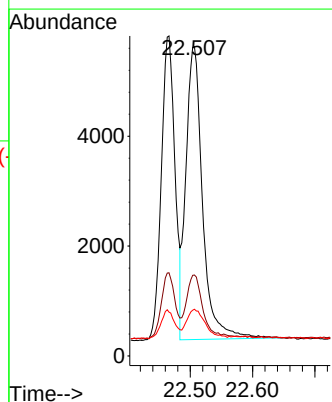
Tgt Ion:252 Resp: 9901

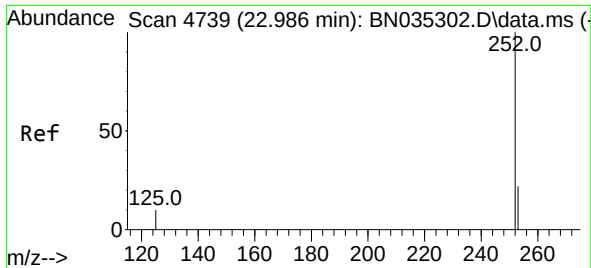
Ion Ratio Lower Upper

252 100

253 26.2 21.8 32.6

125 15.1 8.6 12.8#

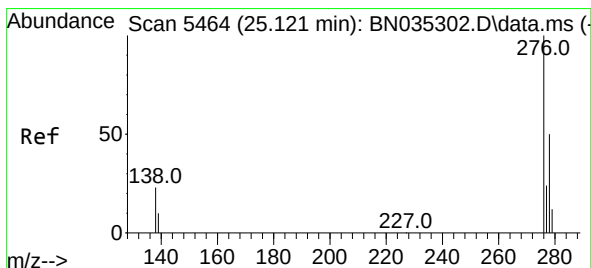
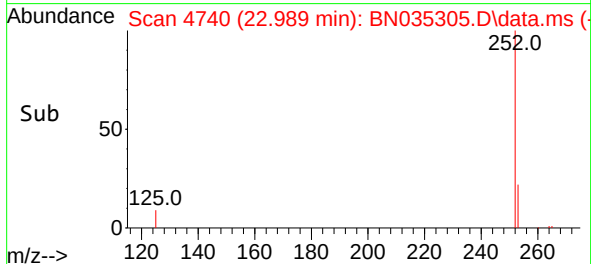
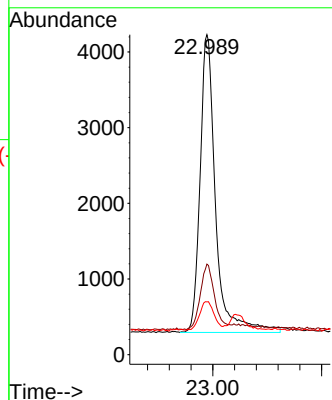
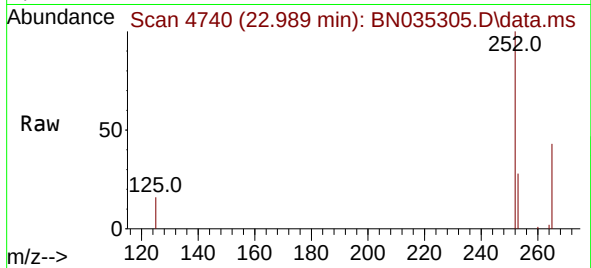




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 22.989 min Scan# 4740
Delta R.T. 0.003 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

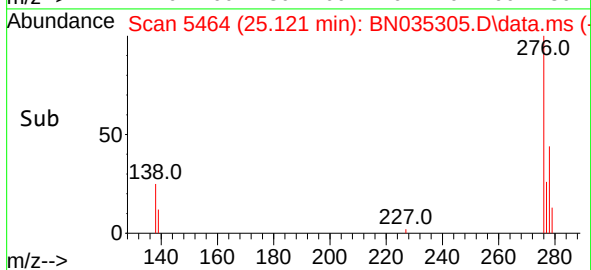
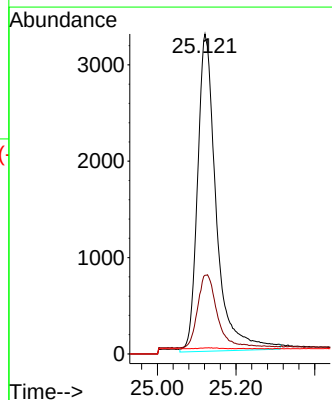
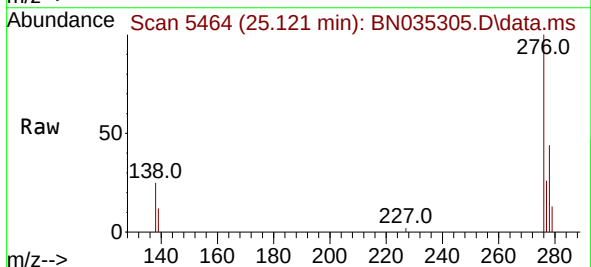
Instrument :
BNA_N
ClientSampleId :
SLCS232

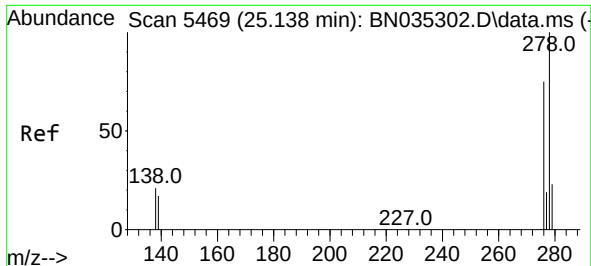
Tgt Ion:252 Resp: 7791
Ion Ratio Lower Upper
252 100
253 28.3 22.9 34.3
125 16.5 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 25.121 min Scan# 5464
Delta R.T. -0.000 min
Lab File: BN035305.D
Acq: 26 Nov 2024 06:56

Tgt Ion:276 Resp: 10885
Ion Ratio Lower Upper
276 100
138 23.4 13.8 20.8#
227 9.6 0.2 0.4#

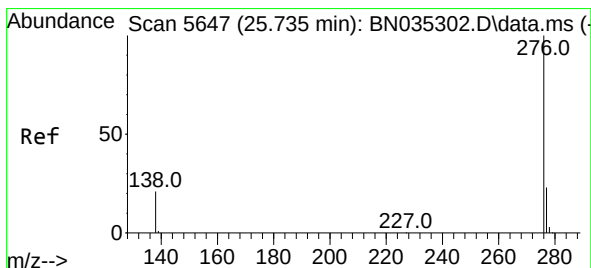
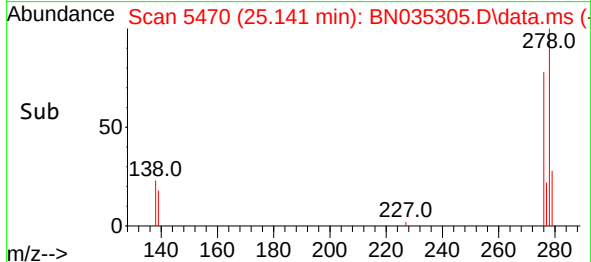
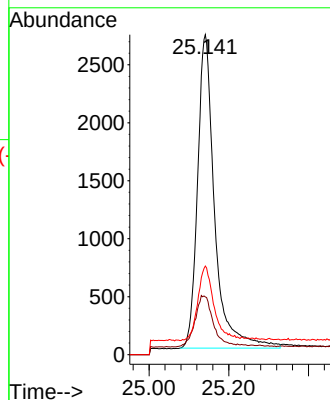
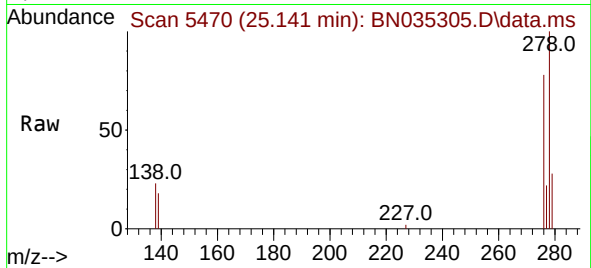




#28
 Dibenzo(a,h)anthracene
 Concen: 0.363 ng/ul
 RT: 25.141 min Scan# 5469
 Delta R.T. 0.003 min
 Lab File: BN035305.D
 Acq: 26 Nov 2024 06:56

Instrument :
 BNA_N
 ClientSampleId :
 SLCS232

Tgt Ion:278 Resp: 8047
 Ion Ratio Lower Upper
 278 100
 139 18.0 10.7 16.1#
 279 27.7 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.372 ng/ul
 RT: 25.738 min Scan# 5648
 Delta R.T. 0.003 min
 Lab File: BN035305.D
 Acq: 26 Nov 2024 06:56

Tgt Ion:276 Resp: 8293
 Ion Ratio Lower Upper
 276 100
 138 23.1 13.0 19.6#
 277 25.6 20.5 30.7

