

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035333.D
 Acq On : 27 Nov 2024 02:06
 Operator : RC/JU
 Sample : PB165259BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS259

Quant Time: Nov 27 02:59:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.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)

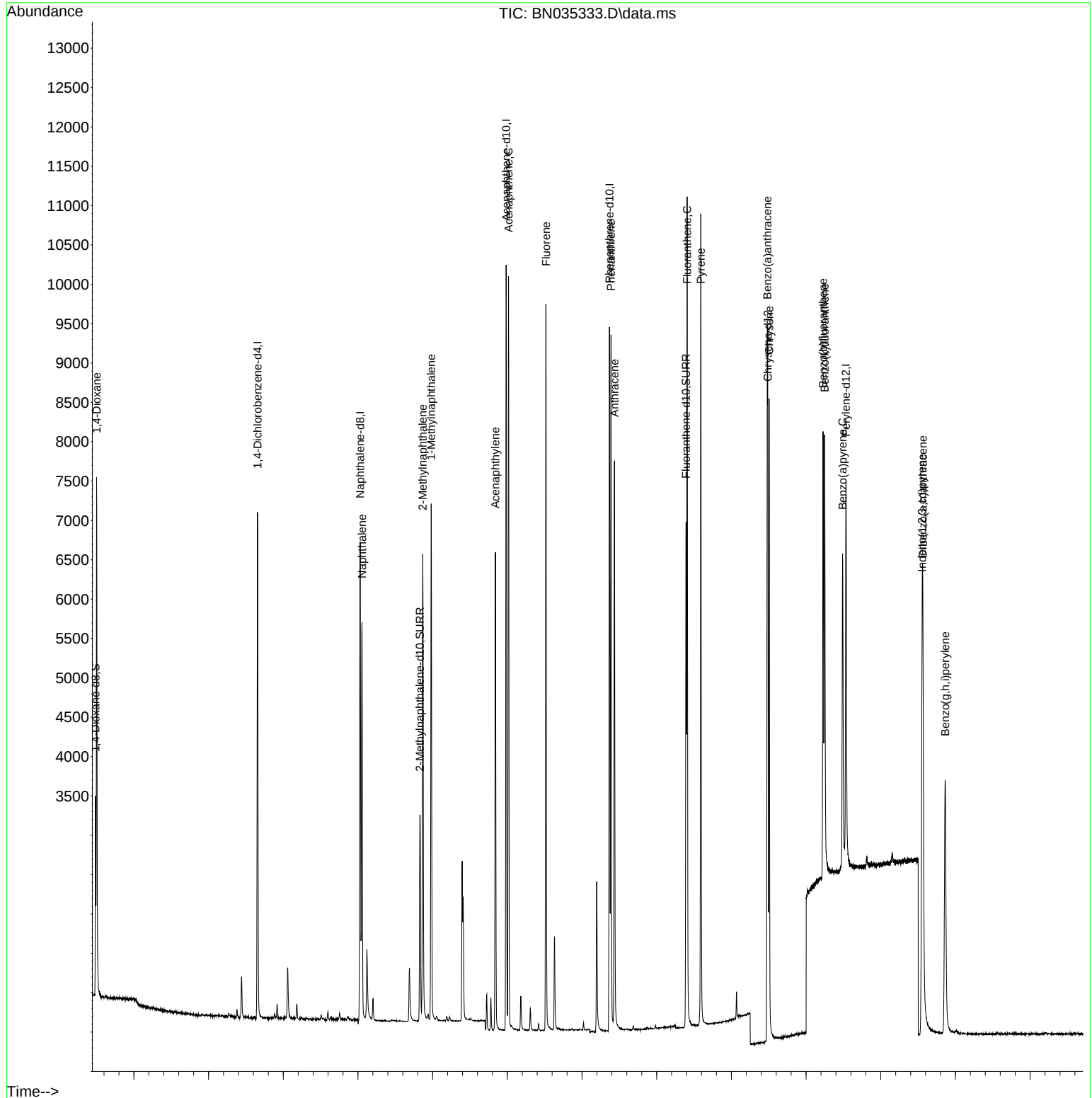
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3228	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	8458	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	5227	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	10658	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	5932	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	6177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	1727	0.585	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	3818	0.308	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	7226	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.001	88	4842	1.512	ng/ul#	87
5) Naphthalene	10.108	128	6657	0.312	ng/ul	99
7) 2-Methylnaphthalene	11.736	142	4528	0.306	ng/ul	99
8) 1-Methylnaphthalene	11.961	142	4624	0.310	ng/ul	98
10) Acenaphthylene	13.681	152	6778	0.327	ng/ul	99
11) Acenaphthene	14.032	153	5230	0.330	ng/ul	99
12) Fluorene	15.036	166	5859	0.315	ng/ul	99
14) Pentachlorophenol	16.392	266	1398	0.563	ng/ul	98
15) Phenanthrene	16.776	178	9099	0.323	ng/ul	99
16) Anthracene	16.869	178	7851	0.300	ng/ul	100
19) Fluoranthene	18.814	202	9148	0.443	ng/ul#	94
20) Pyrene	19.181	202	9019	0.420	ng/ul#	91
21) Benzo(a)anthracene	20.961	228	6538	0.318	ng/ul	99
22) Chrysene	21.011	228	7295	0.352	ng/ul	100
24) Benzo(b)fluoranthene	22.454	252	6866	0.336	ng/ul	96
25) Benzo(k)fluoranthene	22.498	252	7352	0.349	ng/ul#	96
26) Benzo(a)pyrene	22.978	252	6164	0.330	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.108	276	8389	0.333	ng/ul#	75
28) Dibenzo(a,h)anthracene	25.128	278	6290	0.318	ng/ul#	95
29) Benzo(g,h,i)perylene	25.725	276	6802	0.342	ng/ul#	93

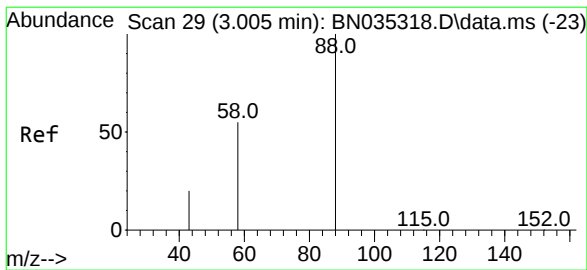
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.512 ng/ul

RT: 3.001 min Scan# 28

Delta R.T. -0.004 min

Lab File: BN035333.D

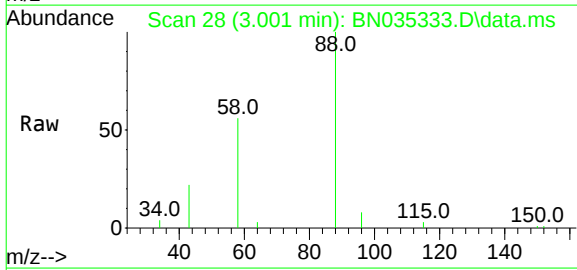
Acq: 27 Nov 2024 02:06

Instrument :

BNA_N

ClientSampleId :

SLCS259



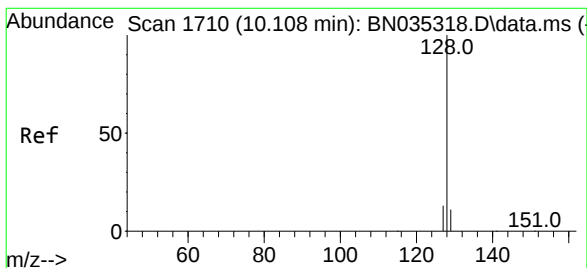
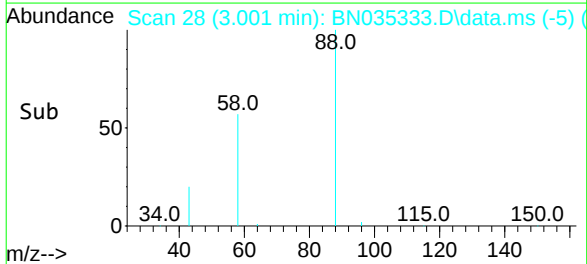
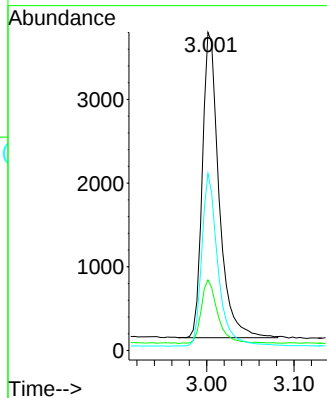
Tgt Ion: 88 Resp: 4842

Ion Ratio Lower Upper

88 100

43 22.2 20.6 31.0

58 55.6 36.2 54.4#



#5

Naphthalene

Concen: 0.312 ng/ul

RT: 10.108 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

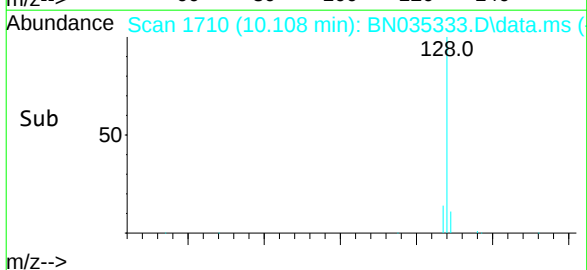
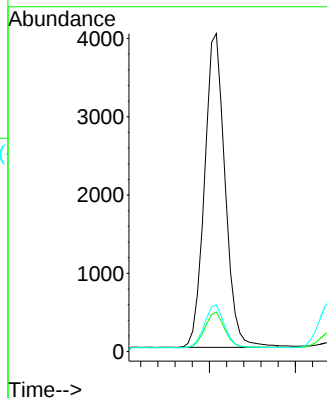
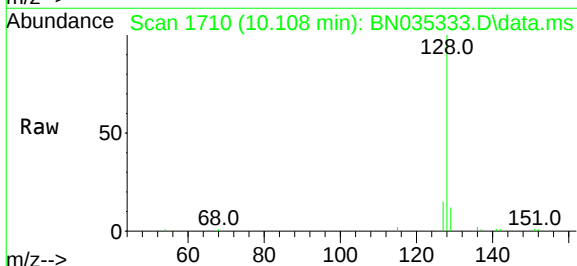
Tgt Ion: 128 Resp: 6657

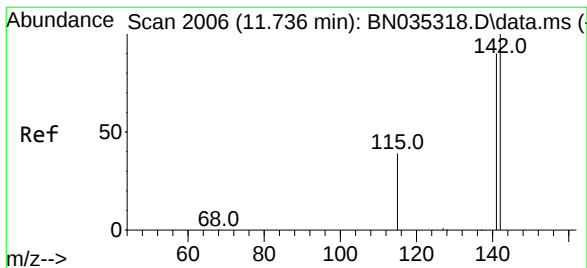
Ion Ratio Lower Upper

128 100

129 12.5 9.9 14.9

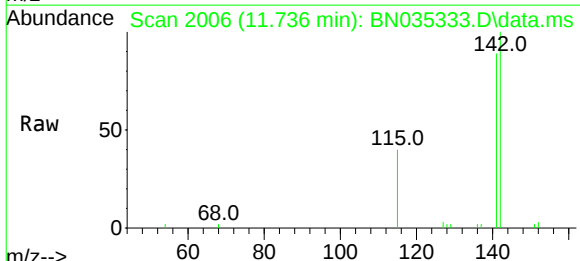
127 14.6 11.4 17.2



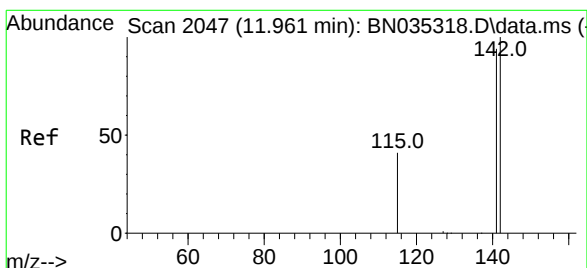
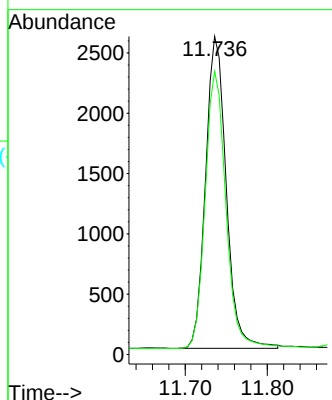
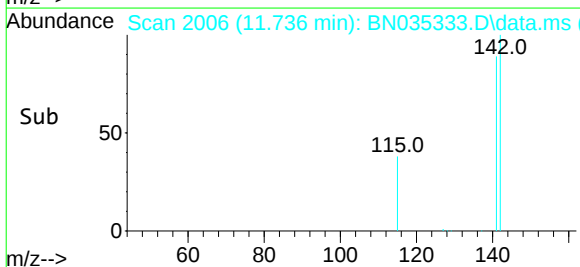


#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 11.736 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Instrument :
BNA_N
ClientSampleId :
SLCS259

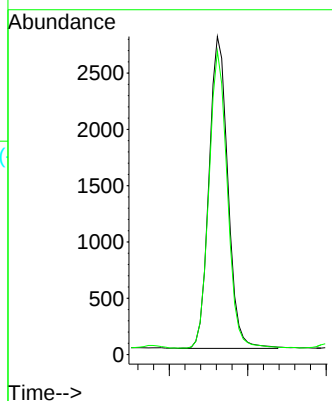
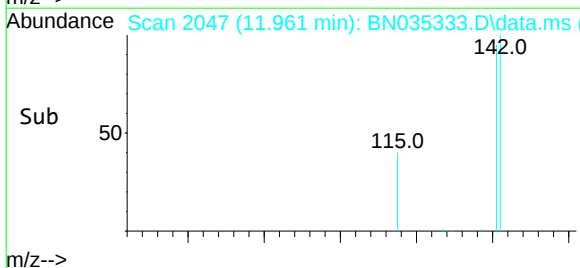
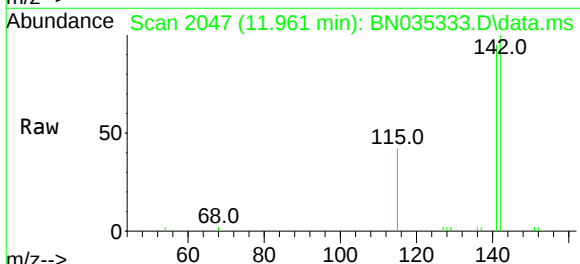


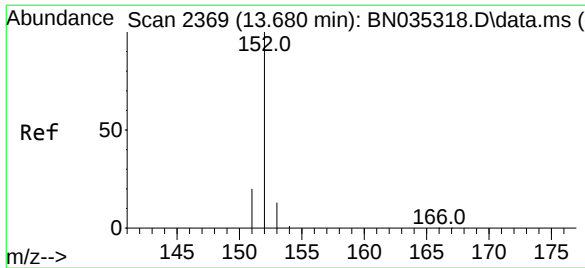
Tgt Ion:142 Resp: 4528
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Tgt Ion:142 Resp: 4624
Ion Ratio Lower Upper
142 100
141 93.0 73.1 109.7





#10

Acenaphthylene

Concen: 0.327 ng/ul

RT: 13.681 min Scan# 2369

Delta R.T. -0.005 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

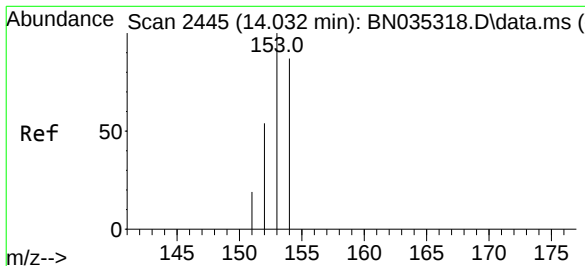
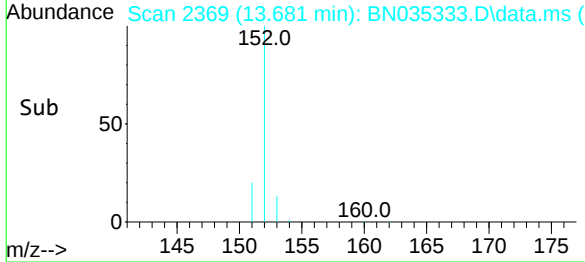
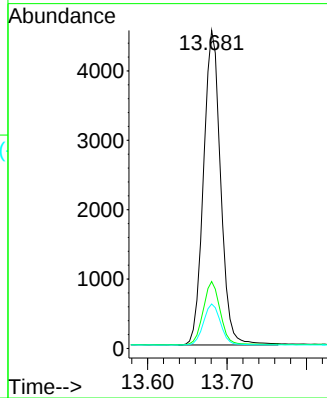
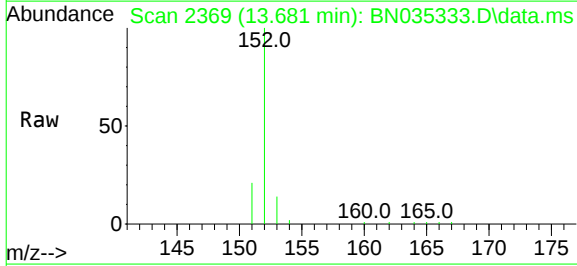
Instrument :

BNA_N

ClientSampleId :

SLCS259

Tgt Ion:	152	Resp:	6778
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.4	24.6
153	14.0	11.1	16.7



#11

Acenaphthene

Concen: 0.330 ng/ul

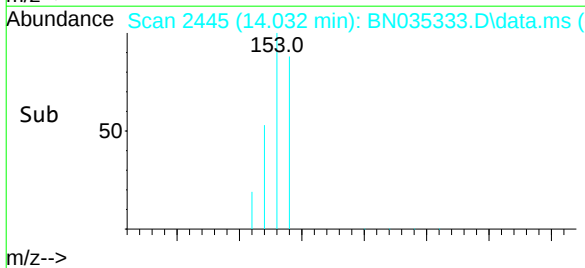
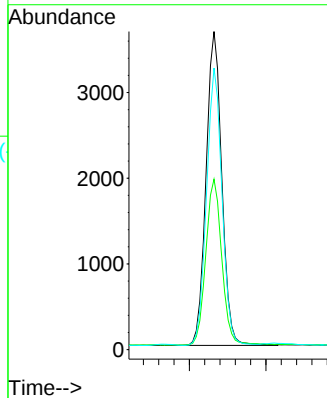
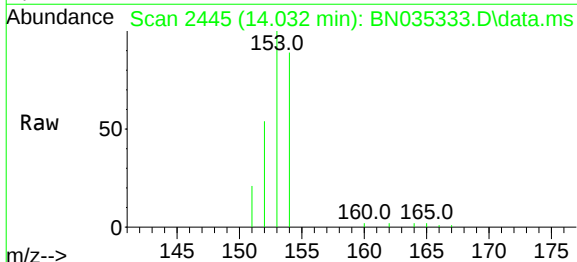
RT: 14.032 min Scan# 2445

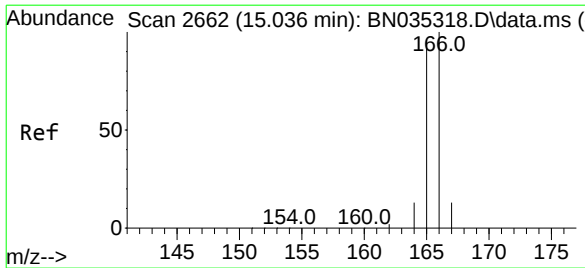
Delta R.T. -0.005 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

Tgt Ion:	153	Resp:	5230
Ion Ratio	Lower	Upper	
153	100		
152	53.6	41.4	62.0
154	88.5	71.2	106.8

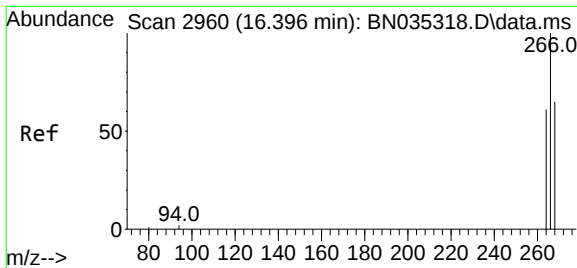
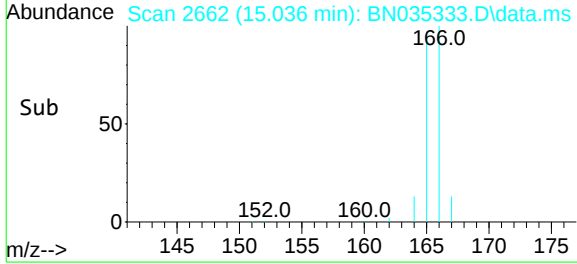
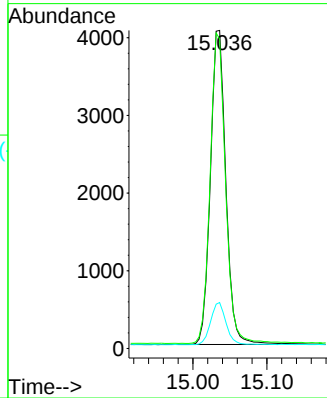
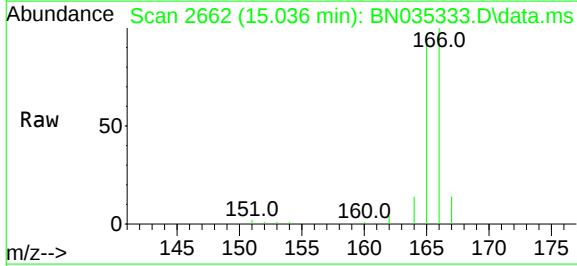




#12
Fluorene
Concen: 0.315 ng/u1
RT: 15.036 min Scan# 2662
Delta R.T. 0.000 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

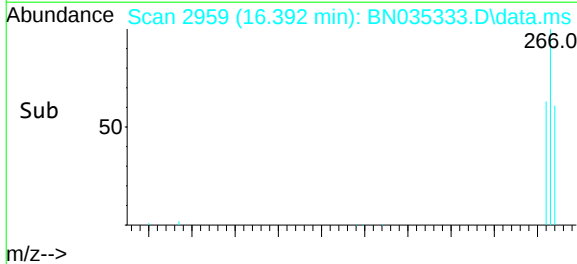
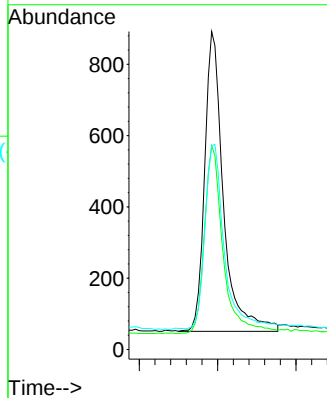
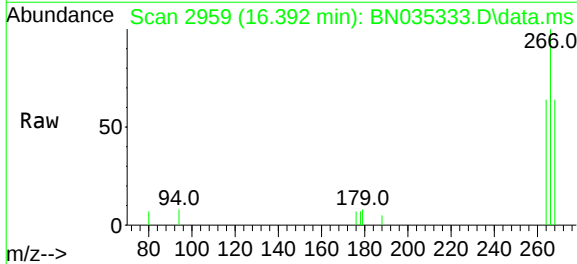
Instrument :
BNA_N
ClientSampleId :
SLCS259

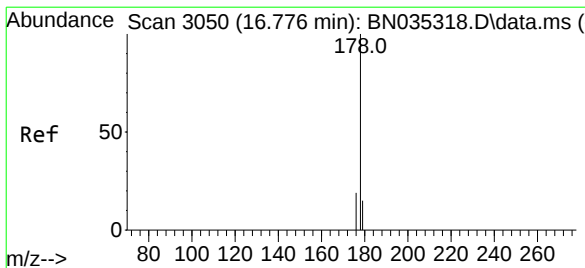
Tgt Ion:	166	Resp:	5859
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	14.4	11.8	17.6



#14
Pentachlorophenol
Concen: 0.563 ng/u1
RT: 16.392 min Scan# 2959
Delta R.T. -0.008 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

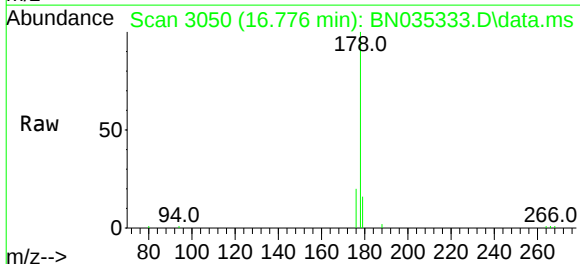
Tgt Ion:	266	Resp:	1398
Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.8	77.6
268	63.7	51.3	76.9



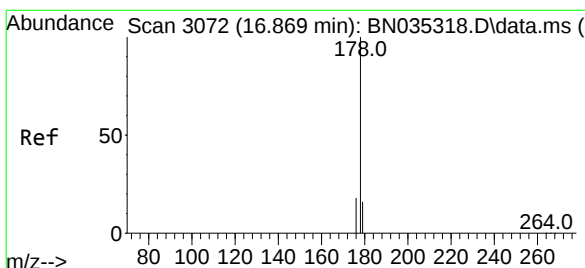
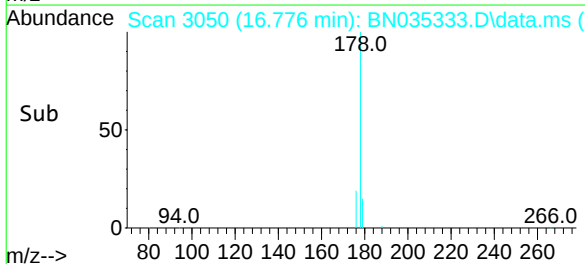
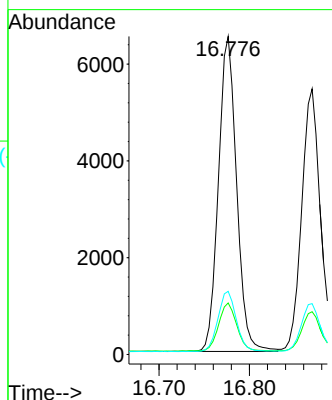


#15
Phenanthrene
Concen: 0.323 ng/u1
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Instrument :
BNA_N
ClientSampleId :
SLCS259

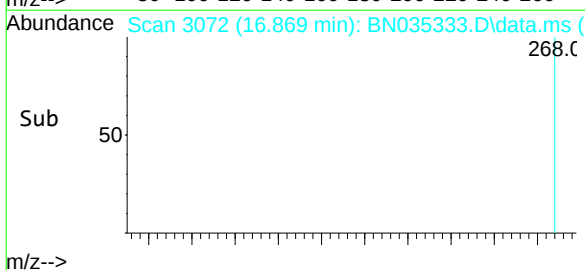
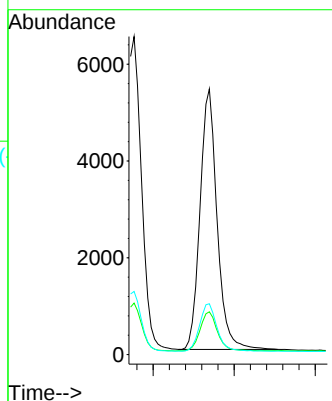
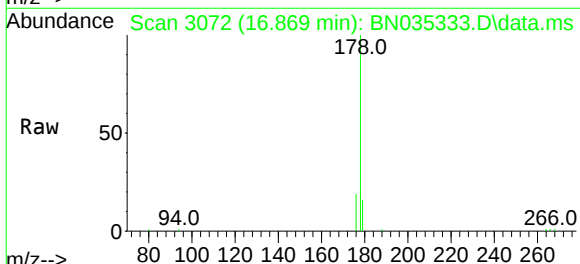


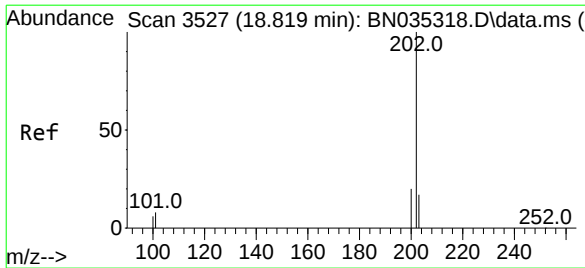
Tgt Ion:	178	Resp:	9099
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.9	15.6	23.4



#16
Anthracene
Concen: 0.300 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Tgt Ion:	178	Resp:	7851
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.1	15.4	23.2





#19

Fluoranthene

Concen: 0.443 ng/u1

RT: 18.814 min Scan# 35

Delta R.T. -0.005 min

Lab File: BN035333.D

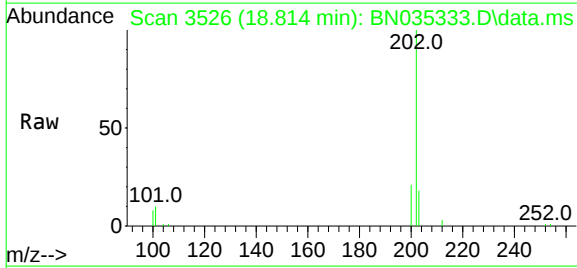
Acq: 27 Nov 2024 02:06

Instrument :

BNA_N

ClientSampleId :

SLCS259



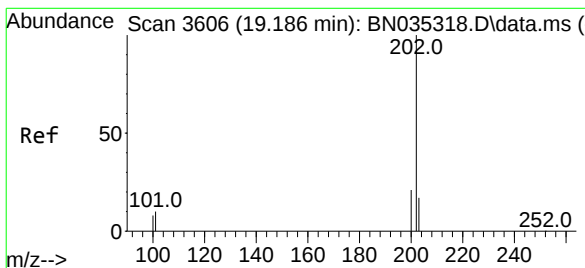
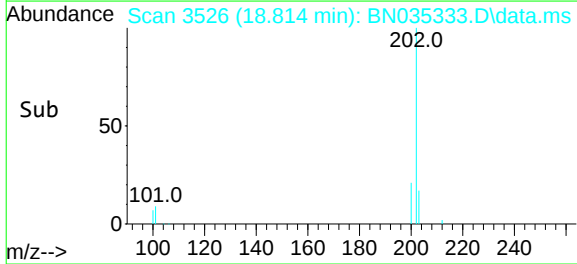
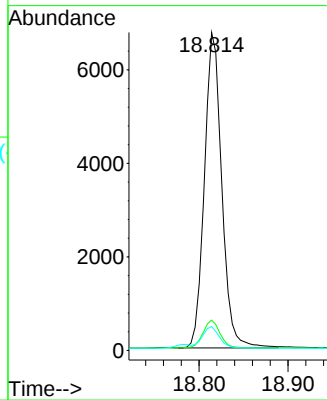
Tgt Ion:202 Resp: 9148

Ion Ratio Lower Upper

202 100

101 9.5 5.8 8.6#

100 7.5 4.5 6.7#



#20

Pyrene

Concen: 0.420 ng/u1

RT: 19.181 min Scan# 3605

Delta R.T. -0.005 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

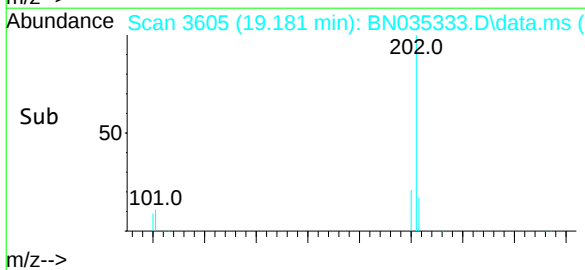
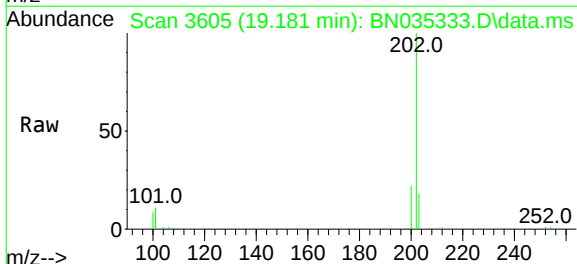
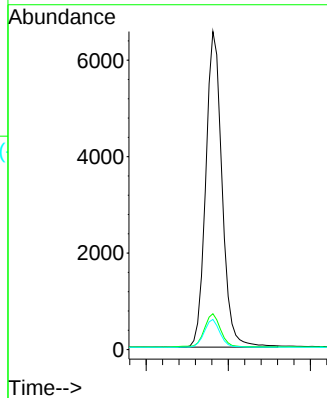
Tgt Ion:202 Resp: 9019

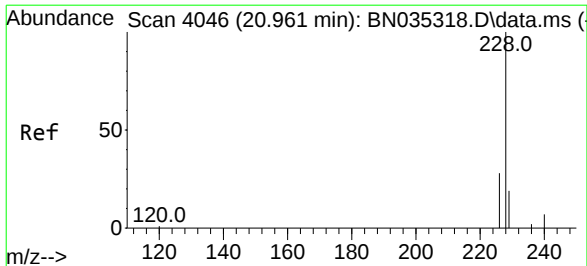
Ion Ratio Lower Upper

202 100

101 11.3 6.2 9.4#

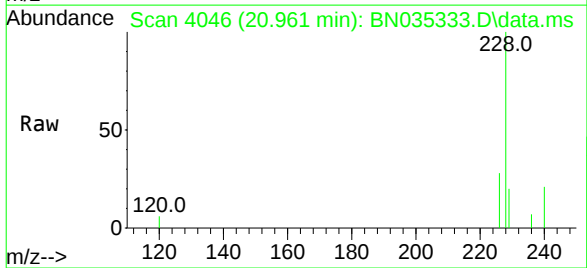
100 9.5 5.1 7.7#



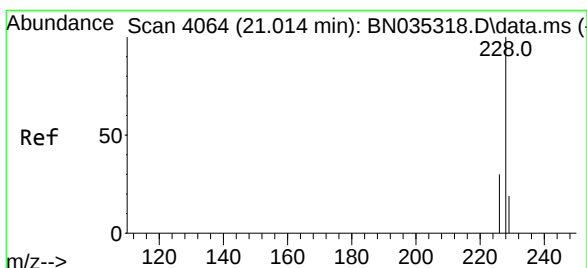
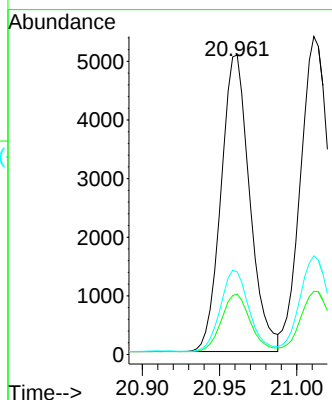


#21
Benzo(a)anthracene
Concen: 0.318 ng/u1
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Instrument :
BNA_N
ClientSampleId :
SLCS259

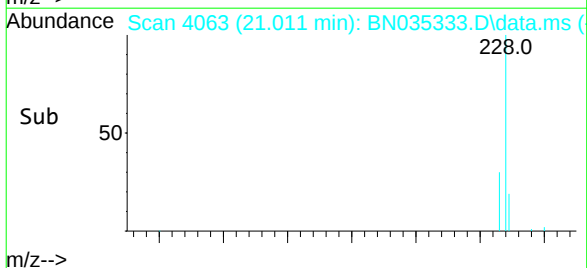
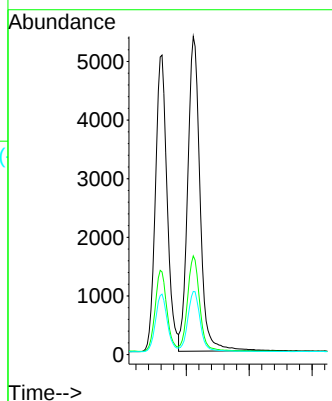
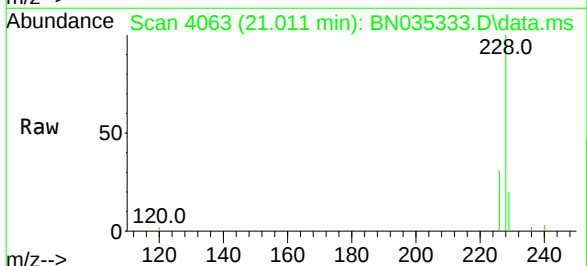


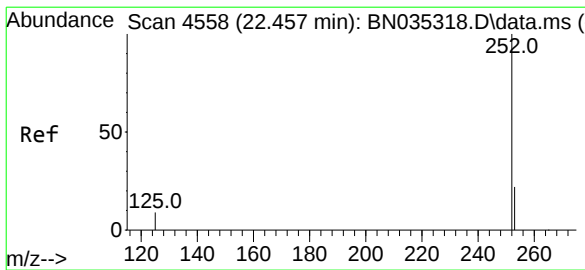
Tgt Ion:	228	Resp:	6538
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	27.6	21.8	32.8



#22
Chrysene
Concen: 0.352 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035333.D
Acq: 27 Nov 2024 02:06

Tgt Ion:	228	Resp:	7295
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.7	37.1
229	19.8	16.0	24.0





#24

Benzo(b)fluoranthene

Concen: 0.336 ng/u1

RT: 22.454 min Scan# 4558

Delta R.T. -0.009 min

Lab File: BN035333.D

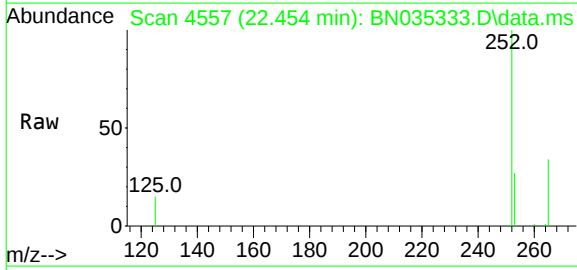
Acq: 27 Nov 2024 02:06

Instrument :

BNA_N

ClientSampleId :

SLCS259



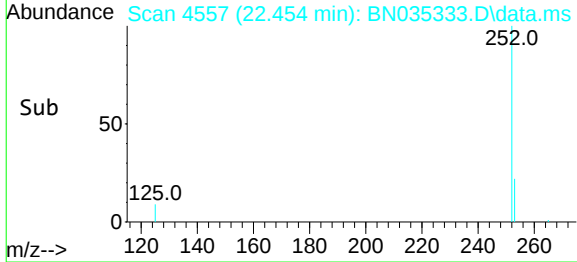
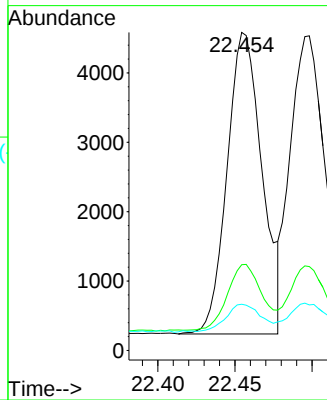
Tgt Ion:252 Resp: 6866

Ion Ratio Lower Upper

252 100

253 27.0 0.0 54.0

125 14.5 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.349 ng/u1

RT: 22.498 min Scan# 4572

Delta R.T. -0.006 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

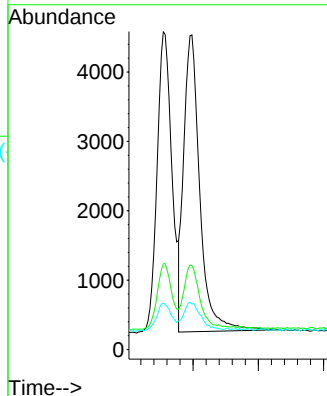
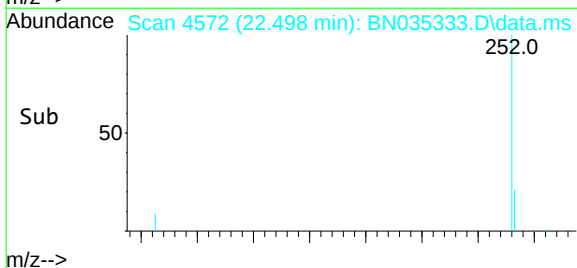
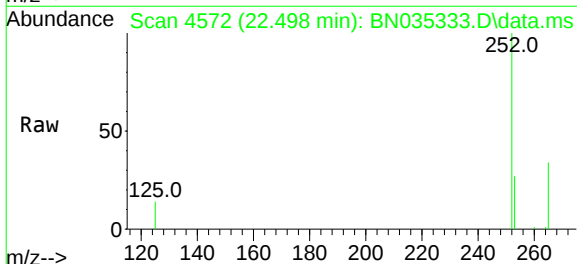
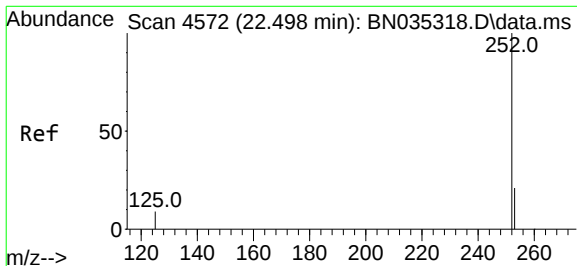
Tgt Ion:252 Resp: 7352

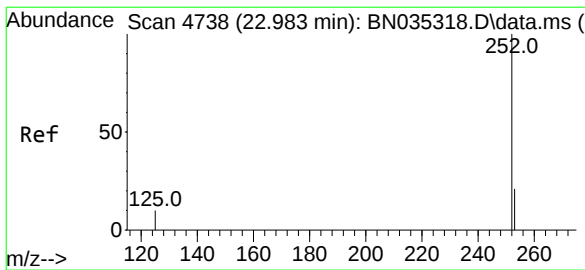
Ion Ratio Lower Upper

252 100

253 26.7 21.8 32.6

125 14.5 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 0.330 ng/u1

RT: 22.978 min Scan# 47

Delta R.T. -0.009 min

Lab File: BN035333.D

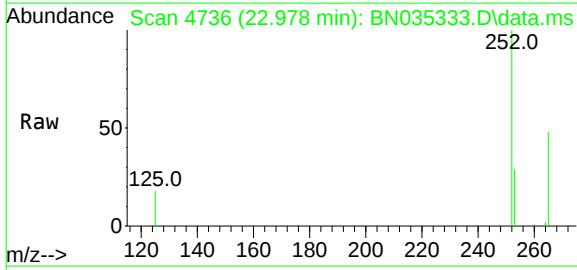
Acq: 27 Nov 2024 02:06

Instrument :

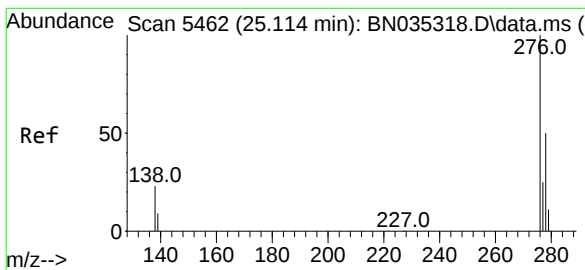
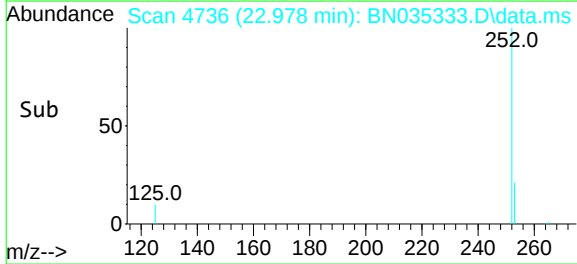
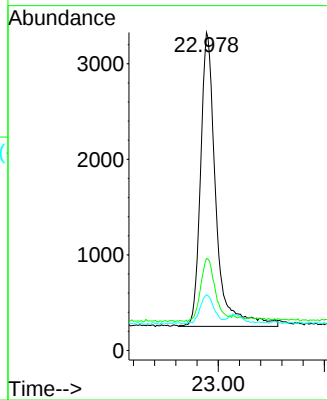
BNA_N

ClientSampleId :

SLCS259



Tgt Ion:	252	Resp:	6164
Ion Ratio	Lower	Upper	
252	100		
253	28.9	22.9	34.3
125	17.5	9.4	14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.333 ng/u1

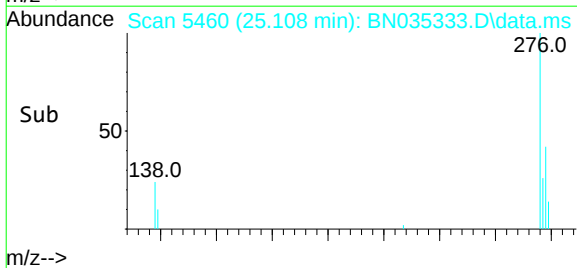
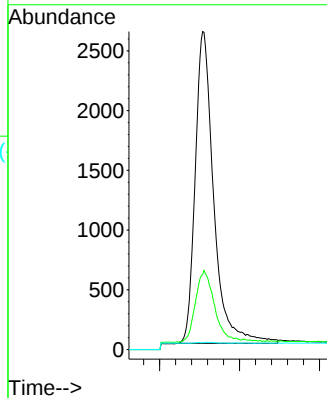
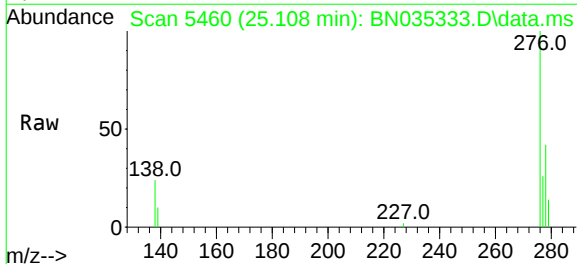
RT: 25.108 min Scan# 5460

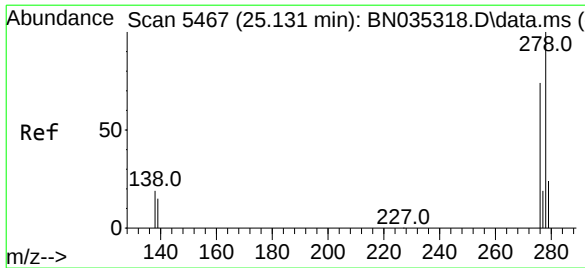
Delta R.T. -0.013 min

Lab File: BN035333.D

Acq: 27 Nov 2024 02:06

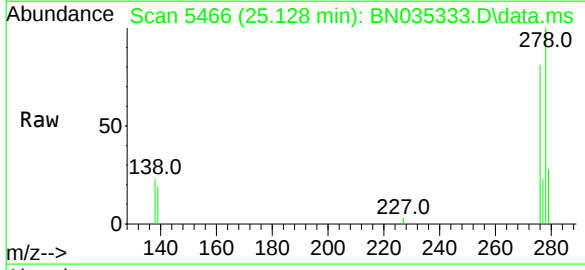
Tgt Ion:	276	Resp:	8389
Ion Ratio	Lower	Upper	
276	100		
138	28.2	13.8	20.8#
227	0.0	0.2	0.4#



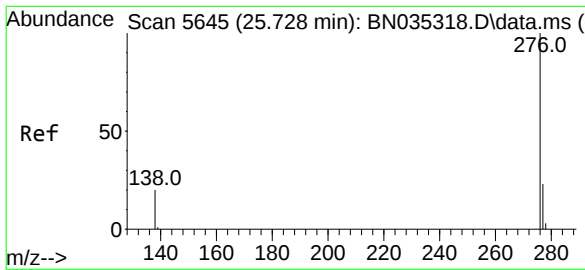
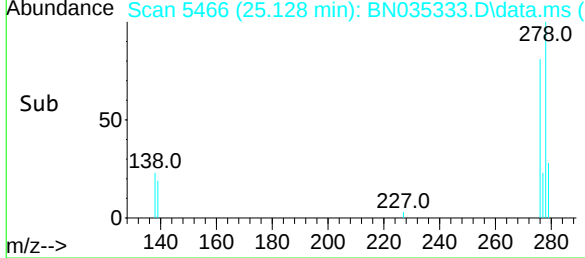
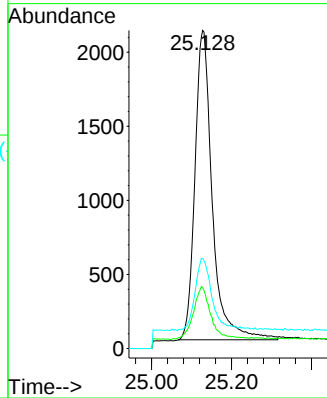


#28
 Dibenzo(a,h)anthracene
 Concen: 0.318 ng/ul
 RT: 25.128 min Scan# 5466
 Delta R.T. -0.010 min
 Lab File: BN035333.D
 Acq: 27 Nov 2024 02:06

Instrument :
 BNA_N
 ClientSampleId :
 SLCS259



Tgt Ion:278 Resp: 6290
 Ion Ratio Lower Upper
 278 100
 139 19.1 10.7 16.1#
 279 28.3 22.8 34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.342 ng/ul
 RT: 25.725 min Scan# 5644
 Delta R.T. -0.010 min
 Lab File: BN035333.D
 Acq: 27 Nov 2024 02:06

Tgt Ion:276 Resp: 6802
 Ion Ratio Lower Upper
 276 100
 138 23.0 13.0 19.6#
 277 25.2 20.5 30.7

