

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035341.D
 Acq On : 27 Nov 2024 07:29
 Operator : RC/JU
 Sample : PB165213BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS213

Quant Time: Nov 27 07:56:02 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)

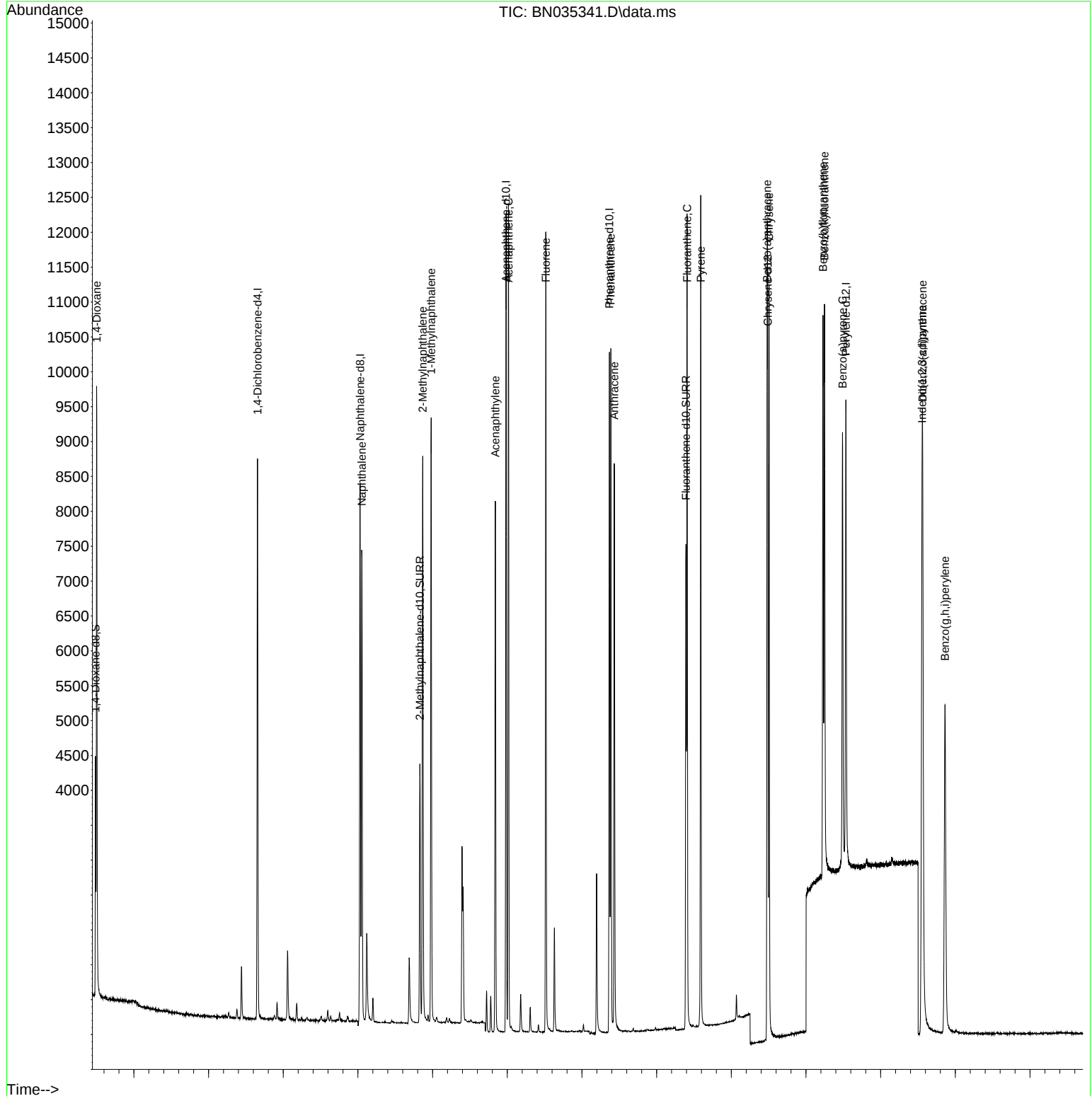
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.309	152	3995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	10670	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	6180	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	11369	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	7356	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	8190	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	2248	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	5068	0.324	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	7883	0.388	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.001	88	6261	1.580	ng/ul#	87
5) Naphthalene	10.102	128	9003	0.335	ng/ul	99
7) 2-Methylnaphthalene	11.736	142	5980	0.321	ng/ul	98
8) 1-Methylnaphthalene	11.961	142	6085	0.323	ng/ul	98
10) Acenaphthylene	13.680	152	8586	0.350	ng/ul	99
11) Acenaphthene	14.032	153	6512	0.347	ng/ul	99
12) Fluorene	15.031	166	6929	0.315	ng/ul	99
14) Pentachlorophenol	16.392	266	1628	0.615	ng/ul	98
15) Phenanthrene	16.772	178	10218	0.340	ng/ul	99
16) Anthracene	16.865	178	8826	0.316	ng/ul	99
19) Fluoranthene	18.814	202	10034	0.392	ng/ul#	93
20) Pyrene	19.181	202	10087	0.378	ng/ul#	91
21) Benzo(a)anthracene	20.961	228	8590	0.337	ng/ul	100
22) Chrysene	21.011	228	9192	0.358	ng/ul	99
24) Benzo(b)fluoranthene	22.454	252	9380	0.346	ng/ul	96
25) Benzo(k)fluoranthene	22.495	252	10160	0.364	ng/ul#	96
26) Benzo(a)pyrene	22.978	252	8786	0.355	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.108	276	11716	0.351	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.124	278	8867	0.339	ng/ul#	94
29) Benzo(g,h,i)perylene	25.725	276	9363	0.355	ng/ul#	94

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

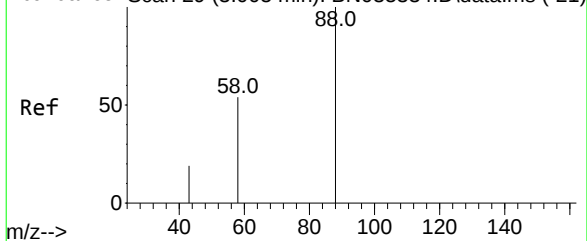
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Abundance Scan 29 (3.005 min): BN035334.D\data.ms (-21)



#2

1,4-Dioxane

Concen: 1.580 ng/ul

RT: 3.001 min Scan# 28

Delta R.T. -0.004 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

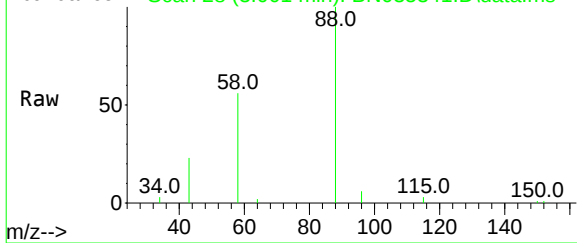
Instrument :

BNA_N

ClientSampleId :

SLCS213

Abundance Scan 28 (3.001 min): BN035341.D\data.ms



Tgt Ion: 88 Resp: 6261

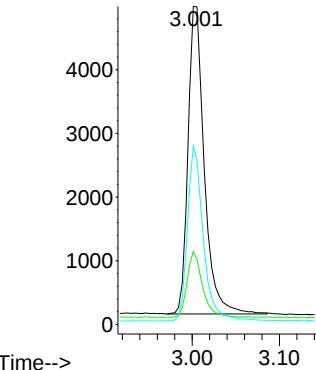
Ion Ratio Lower Upper

88 100

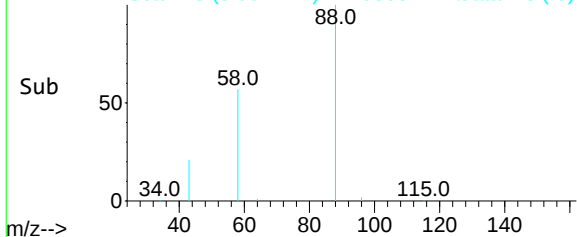
43 22.9 20.6 31.0

58 56.2 36.2 54.4

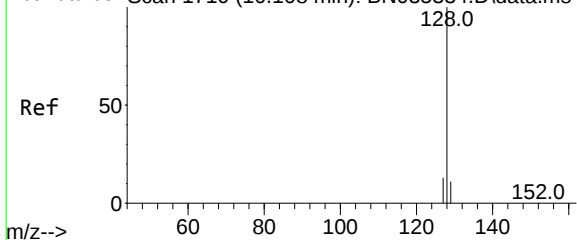
Abundance



Abundance Scan 28 (3.001 min): BN035341.D\data.ms (-5)



Abundance Scan 1710 (10.108 min): BN035334.D\data.ms (-)



#5

Naphthalene

Concen: 0.335 ng/ul

RT: 10.102 min Scan# 1709

Delta R.T. -0.006 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

Tgt Ion: 128 Resp: 9003

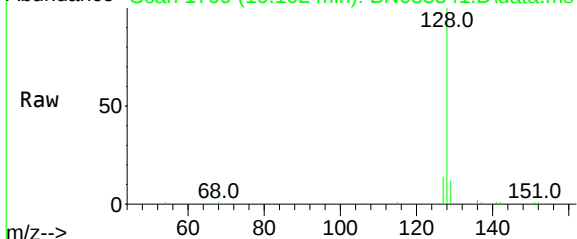
Ion Ratio Lower Upper

128 100

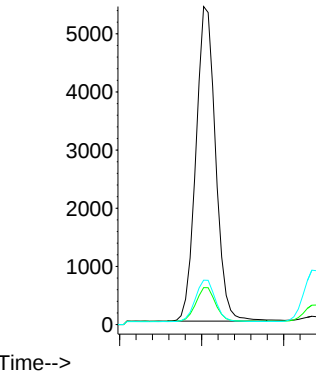
129 11.6 9.9 14.9

127 14.0 11.4 17.2

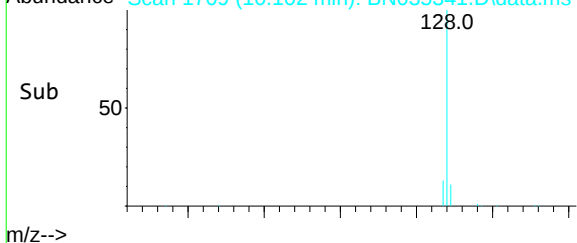
Abundance Scan 1709 (10.102 min): BN035341.D\data.ms

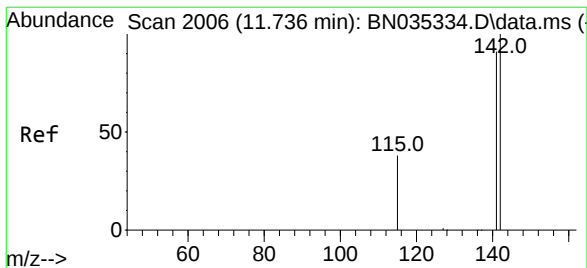


Abundance



Abundance Scan 1709 (10.102 min): BN035341.D\data.ms (-)





#7

2-Methylnaphthalene

Concen: 0.321 ng/ul

RT: 11.736 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

Instrument :

BNA_N

ClientSampleId :

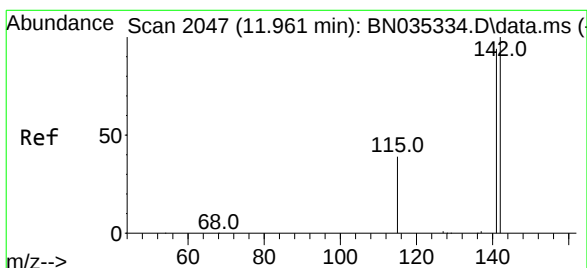
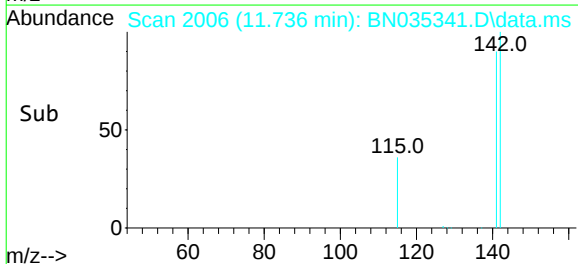
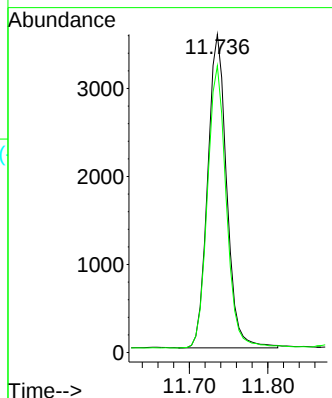
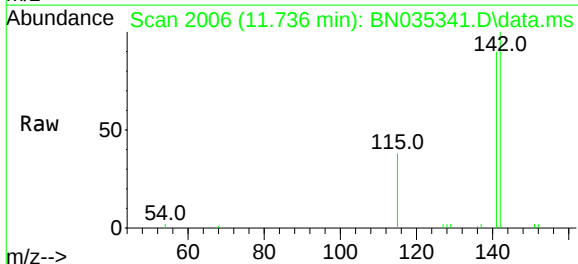
SLCS213

Tgt Ion:142 Resp: 5980

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6



#8

1-Methylnaphthalene

Concen: 0.323 ng/ul

RT: 11.961 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BN035341.D

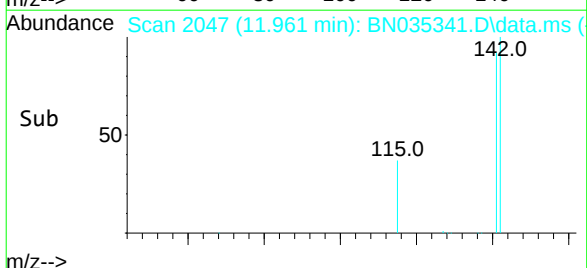
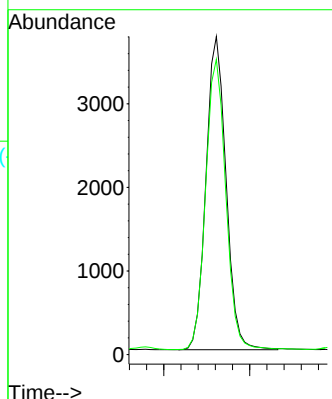
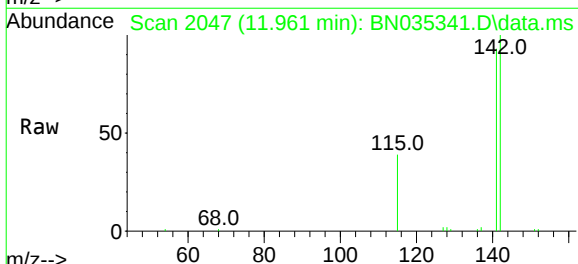
Acq: 27 Nov 2024 07:29

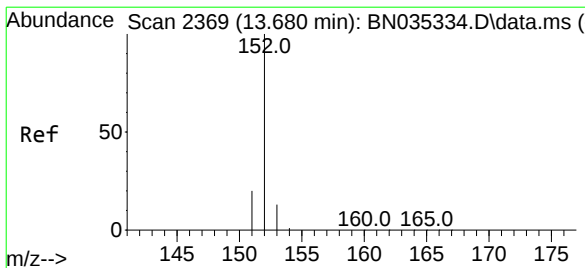
Tgt Ion:142 Resp: 6085

Ion Ratio Lower Upper

142 100

141 93.0 73.1 109.7





#10

Acenaphthylene

Concen: 0.350 ng/ul

RT: 13.680 min Scan# 2369

Delta R.T. -0.005 min

Lab File: BN035341.D

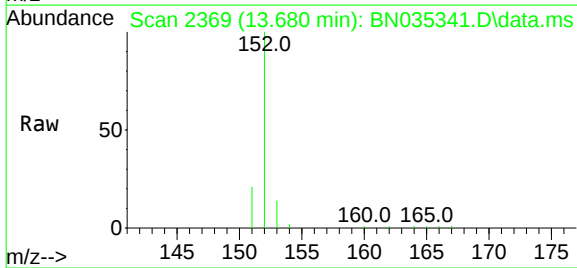
Acq: 27 Nov 2024 07:29

Instrument :

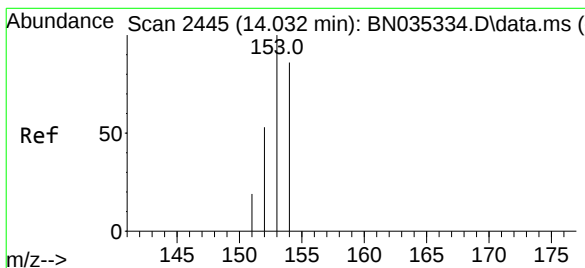
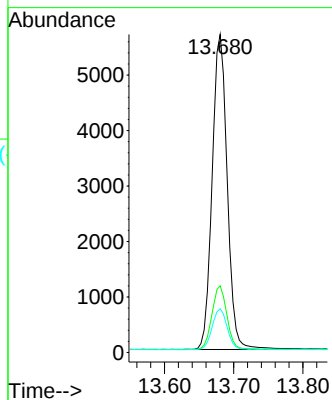
BNA_N

ClientSampleId :

SLCS213



Tgt Ion:	152	Resp:	8586
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.4	24.6
153	13.7	11.1	16.7



#11

Acenaphthene

Concen: 0.347 ng/ul

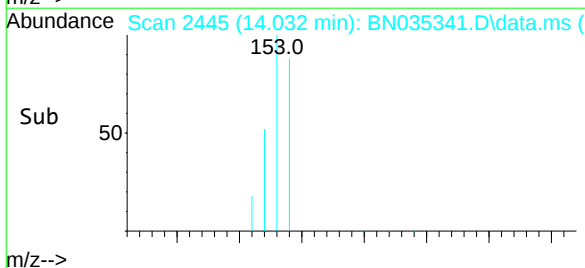
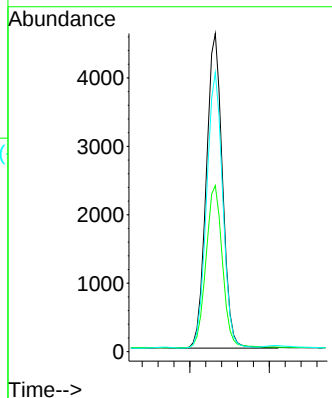
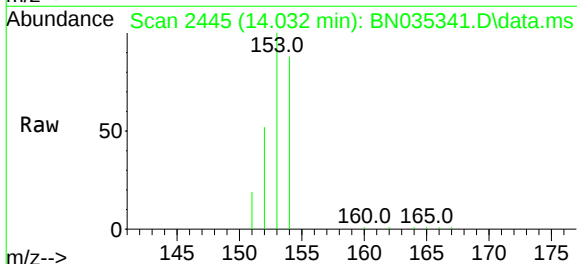
RT: 14.032 min Scan# 2445

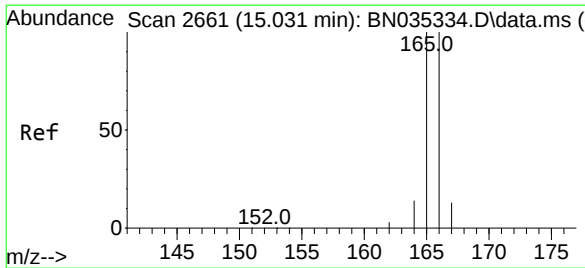
Delta R.T. -0.005 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

Tgt Ion:	153	Resp:	6512
Ion Ratio	Lower	Upper	
153	100		
152	52.2	41.4	62.0
154	87.8	71.2	106.8





#12

Fluorene

Concen: 0.315 ng/u1

RT: 15.031 min Scan# 26

Delta R.T. -0.005 min

Lab File: BN035341.D

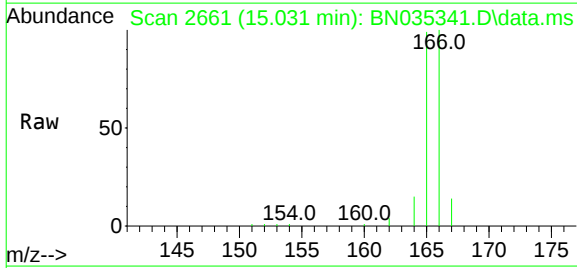
Acq: 27 Nov 2024 07:29

Instrument :

BNA_N

ClientSampleId :

SLCS213



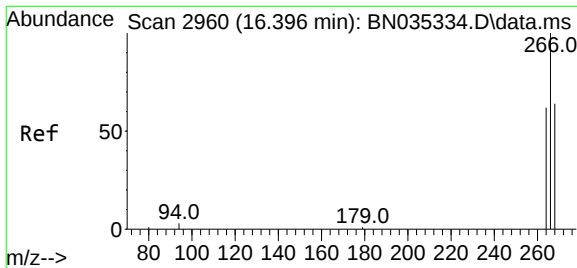
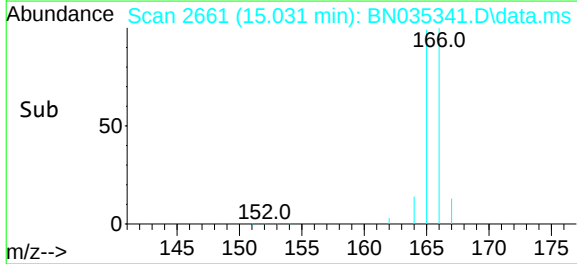
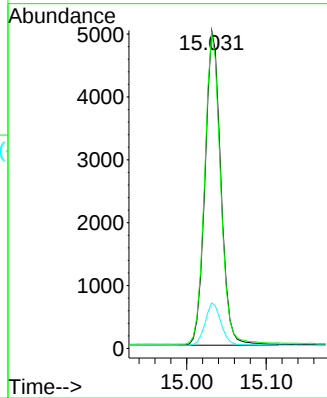
Tgt Ion:166 Resp: 6929

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

167 14.3 11.8 17.6



#14

Pentachlorophenol

Concen: 0.615 ng/u1

RT: 16.392 min Scan# 2959

Delta R.T. -0.009 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

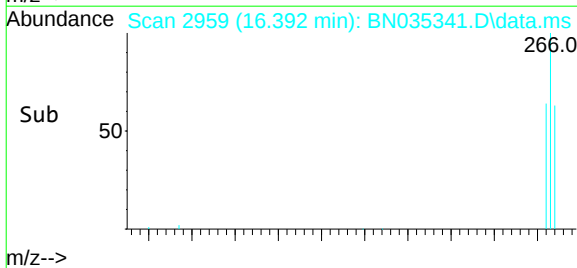
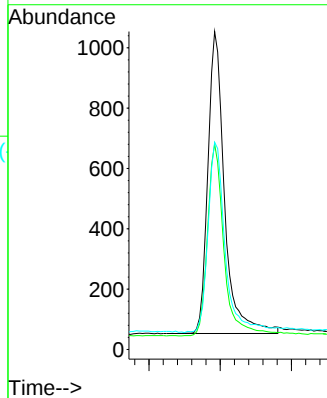
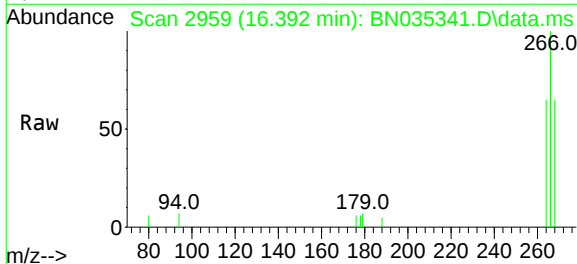
Tgt Ion:266 Resp: 1628

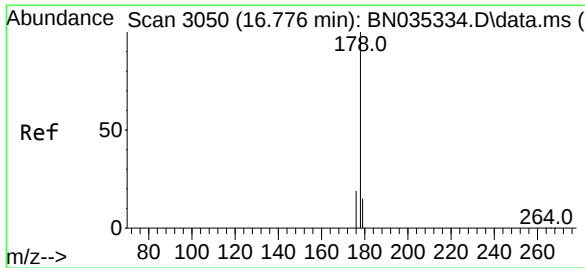
Ion Ratio Lower Upper

266 100

264 62.9 51.8 77.6

268 65.2 51.3 76.9





#15

Phenanthrene

Concen: 0.340 ng/u1

RT: 16.772 min Scan# 30

Delta R.T. -0.009 min

Lab File: BN035341.D

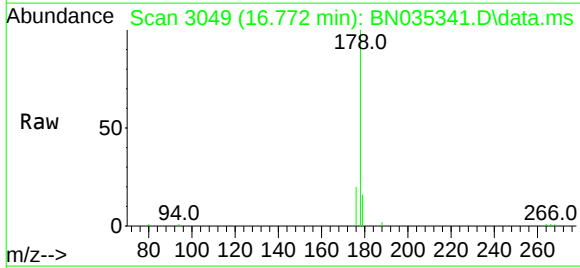
Acq: 27 Nov 2024 07:29

Instrument :

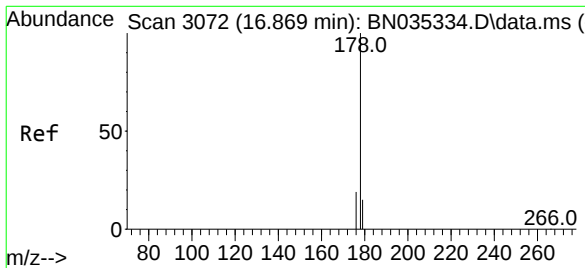
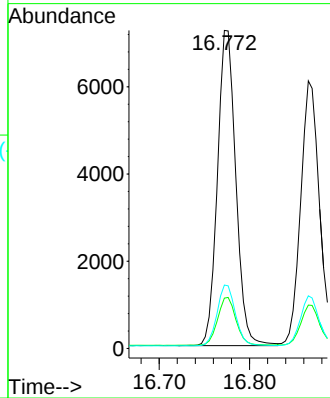
BNA_N

ClientSampleId :

SLCS213



Tgt Ion:	178	Resp:	10218
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.9	19.3
176	19.9	15.6	23.4



#16

Anthracene

Concen: 0.316 ng/u1

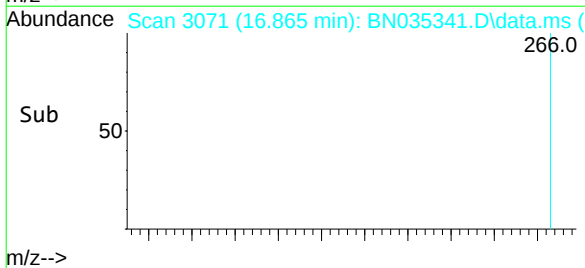
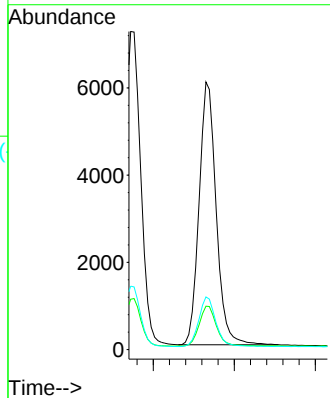
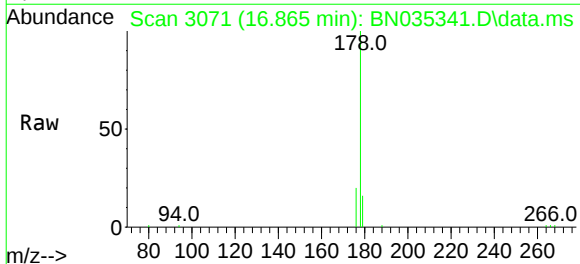
RT: 16.865 min Scan# 3071

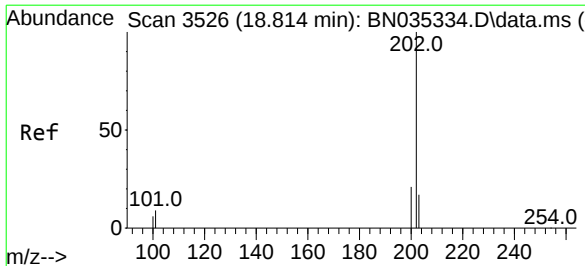
Delta R.T. -0.009 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

Tgt Ion:	178	Resp:	8826
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.9	19.3
176	19.7	15.4	23.2





#19

Fluoranthene

Concen: 0.392 ng/u1

RT: 18.814 min Scan# 3526

Delta R.T. -0.005 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

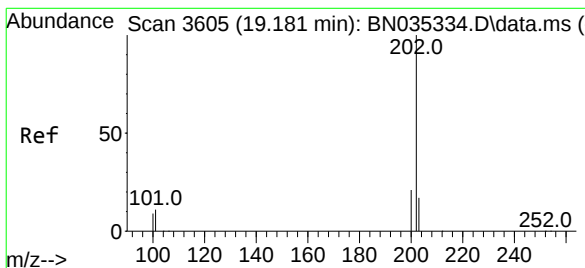
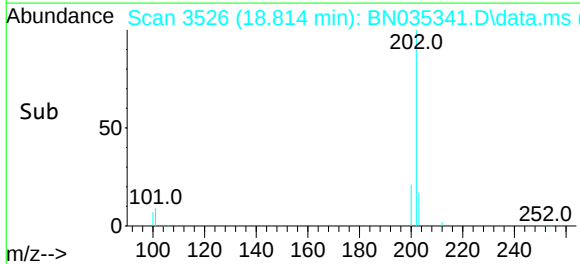
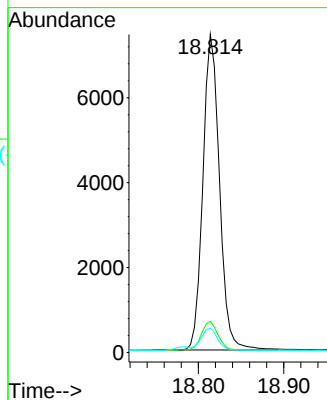
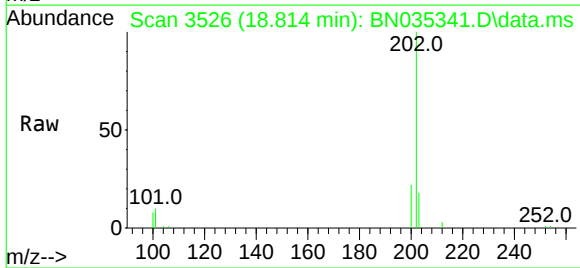
Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	202	Resp:	10034
Ion Ratio	Lower	Upper	
202	100		
101	9.8	5.8	8.6#
100	7.7	4.5	6.7#



#20

Pyrene

Concen: 0.378 ng/u1

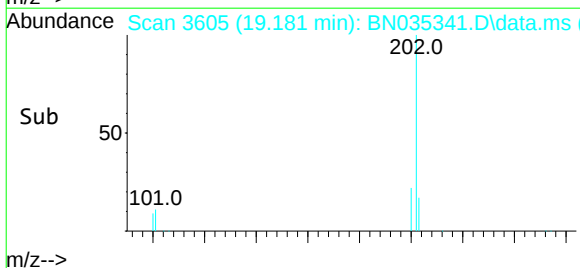
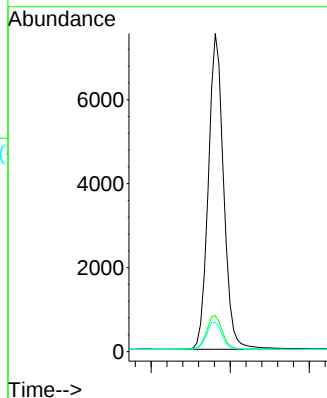
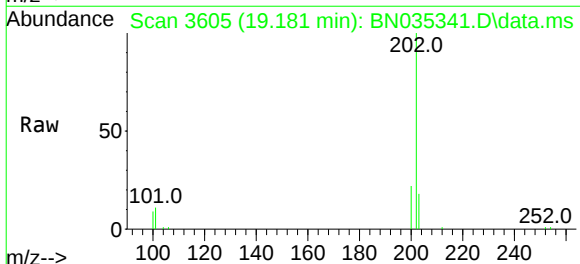
RT: 19.181 min Scan# 3605

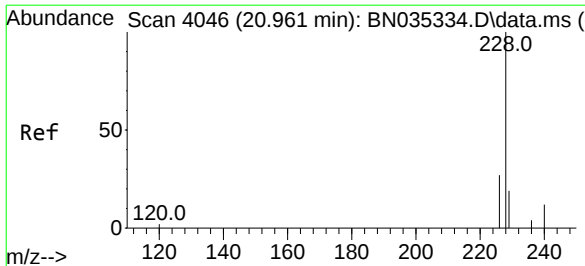
Delta R.T. -0.005 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

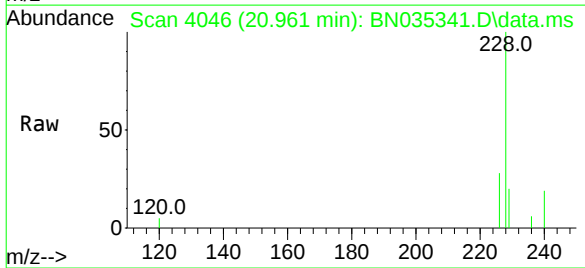
Tgt Ion:	202	Resp:	10087
Ion Ratio	Lower	Upper	
202	100		
101	11.3	6.2	9.4#
100	9.2	5.1	7.7#



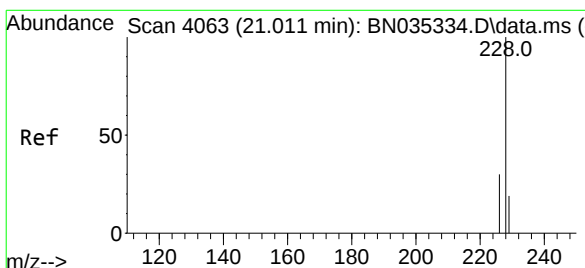
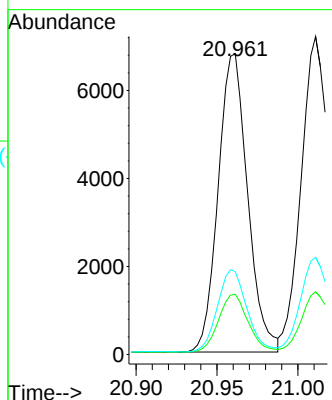


#21
Benzo(a)anthracene
Concen: 0.337 ng/u1
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

Instrument :
BNA_N
ClientSampleId :
SLCS213

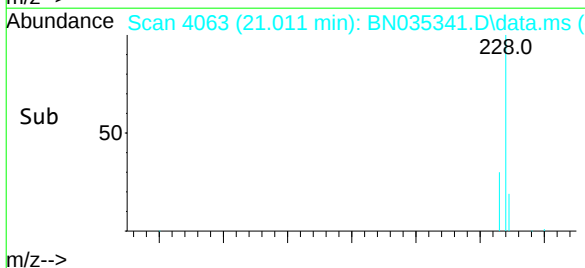
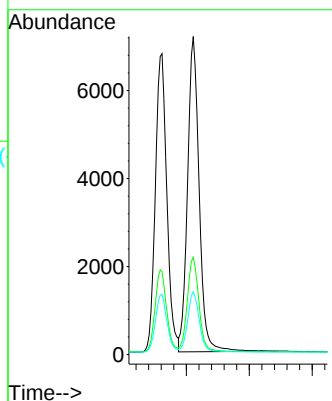
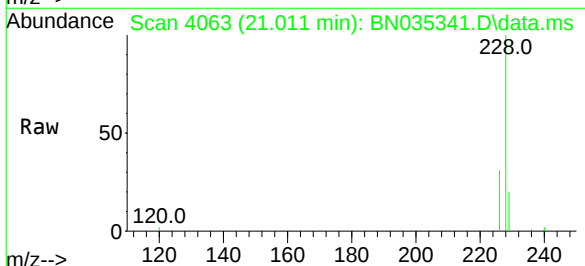


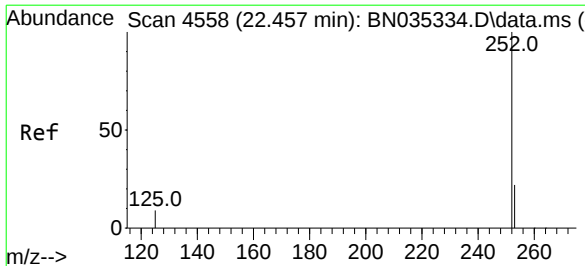
Tgt Ion:	228	Resp:	8590
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	27.5	21.8	32.8



#22
Chrysene
Concen: 0.358 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

Tgt Ion:	228	Resp:	9192
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.7	16.0	24.0





#24

Benzo(b)fluoranthene

Concen: 0.346 ng/u1

RT: 22.454 min Scan# 4558

Delta R.T. -0.009 min

Lab File: BN035341.D

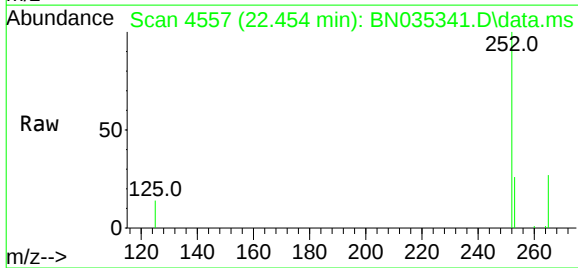
Acq: 27 Nov 2024 07:29

Instrument :

BNA_N

ClientSampleId :

SLCS213



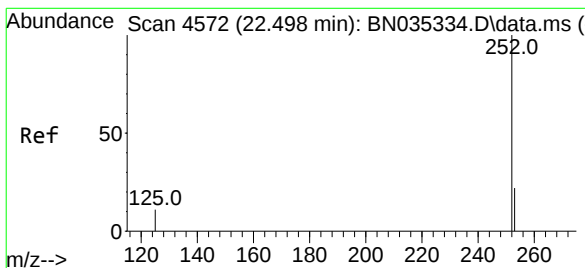
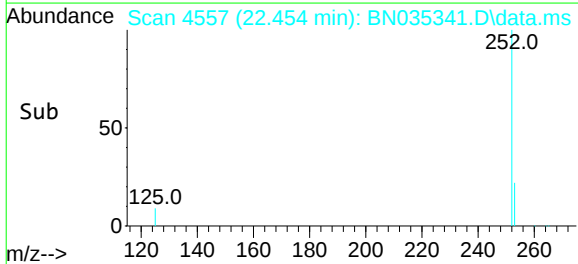
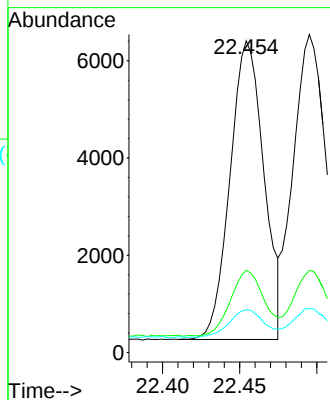
Tgt Ion:252 Resp: 9380

Ion Ratio Lower Upper

252 100

253 26.4 0.0 54.0

125 13.7 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.364 ng/u1

RT: 22.495 min Scan# 4571

Delta R.T. -0.009 min

Lab File: BN035341.D

Acq: 27 Nov 2024 07:29

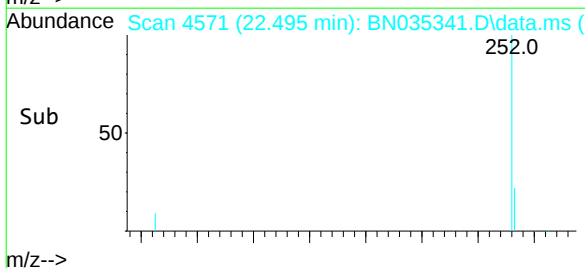
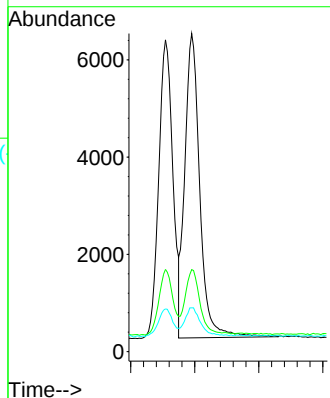
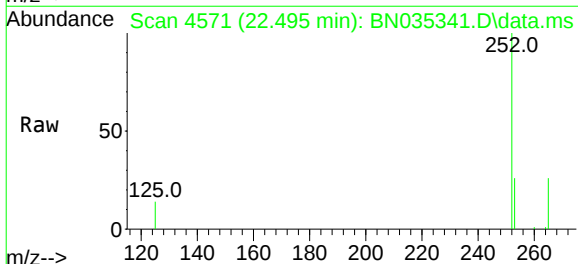
Tgt Ion:252 Resp: 10160

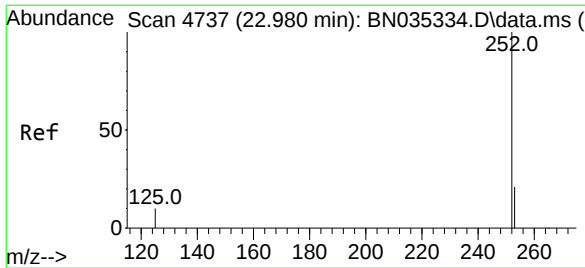
Ion Ratio Lower Upper

252 100

253 25.8 21.8 32.6

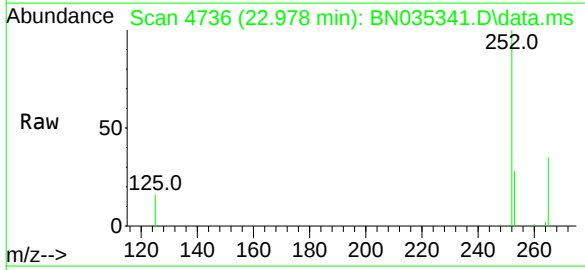
125 13.8 8.6 12.8#



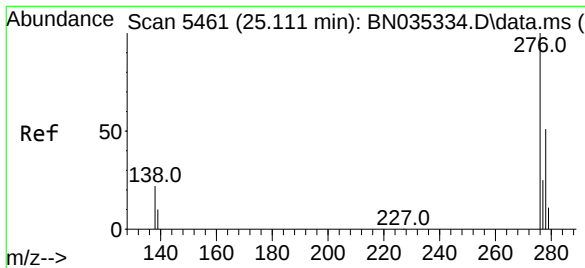
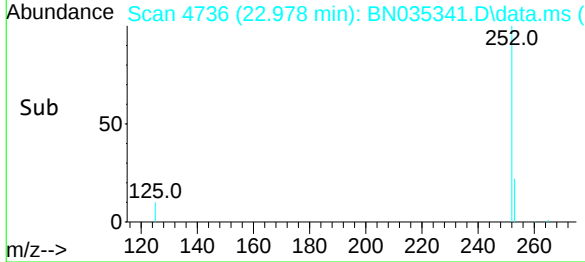
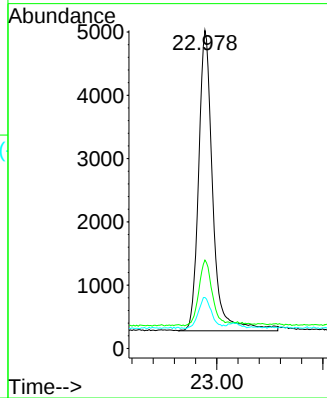


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 22.978 min Scan# 4736
Delta R.T. -0.009 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

Instrument :
BNA_N
ClientSampleId :
SLCS213

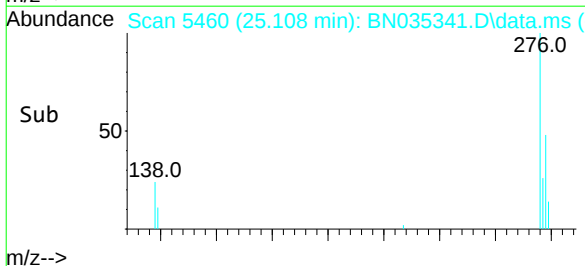
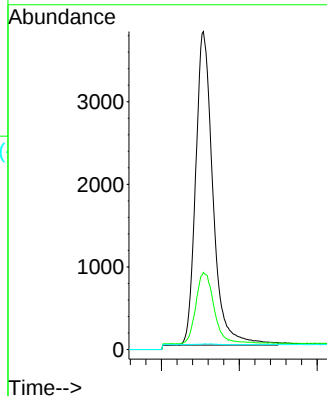
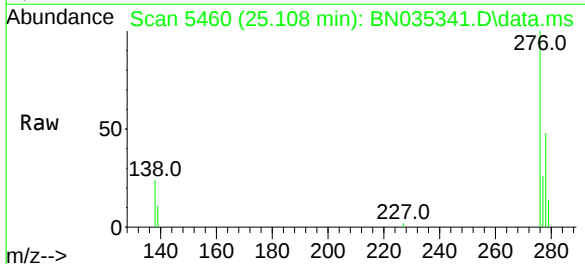


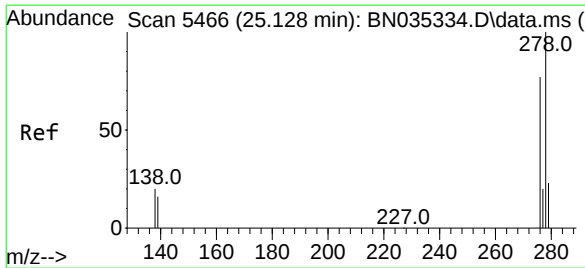
Tgt Ion:252 Resp: 8786
Ion Ratio Lower Upper
252 100
253 27.8 22.9 34.3
125 16.0 9.4 14.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 25.108 min Scan# 5460
Delta R.T. -0.014 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

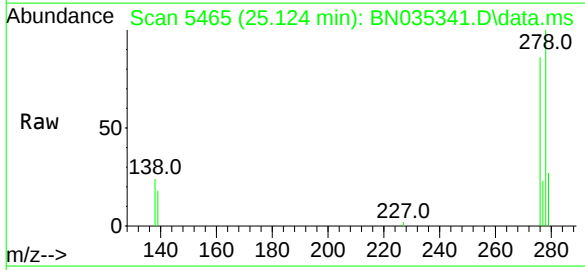
Tgt Ion:276 Resp: 11716
Ion Ratio Lower Upper
276 100
138 23.5 13.8 20.8#
227 9.3 0.2 0.4#



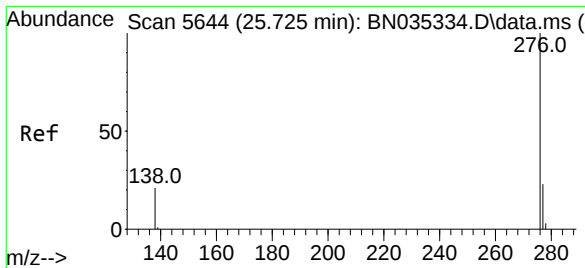
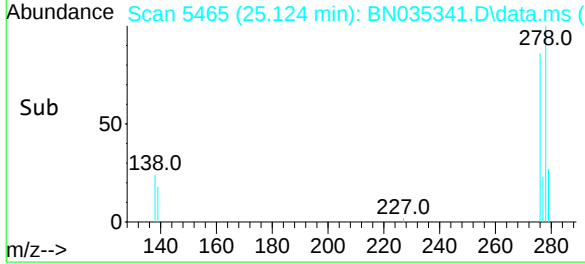
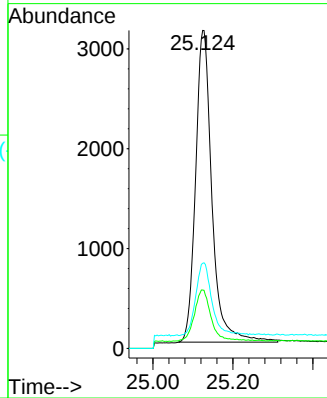


#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/u1
RT: 25.124 min Scan# 5466
Delta R.T. -0.014 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

Instrument :
BNA_N
ClientSampleId :
SLCS213



Tgt Ion:278 Resp: 8867
Ion Ratio Lower Upper
278 100
139 18.4 10.7 16.1#
279 26.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/u1
RT: 25.725 min Scan# 5644
Delta R.T. -0.010 min
Lab File: BN035341.D
Acq: 27 Nov 2024 07:29

Tgt Ion:276 Resp: 9363
Ion Ratio Lower Upper
276 100
138 21.7 13.0 19.6#
277 25.0 20.5 30.7

