

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010422\
 Data File : BN018337.D
 Acq On : 04 Jan 2022 16:32
 Operator : CG/JU
 Sample : PB141604BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS604

Quant Time: Jan 05 01:01:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 04 13:43:36 2022
 Response via : Initial Calibration

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

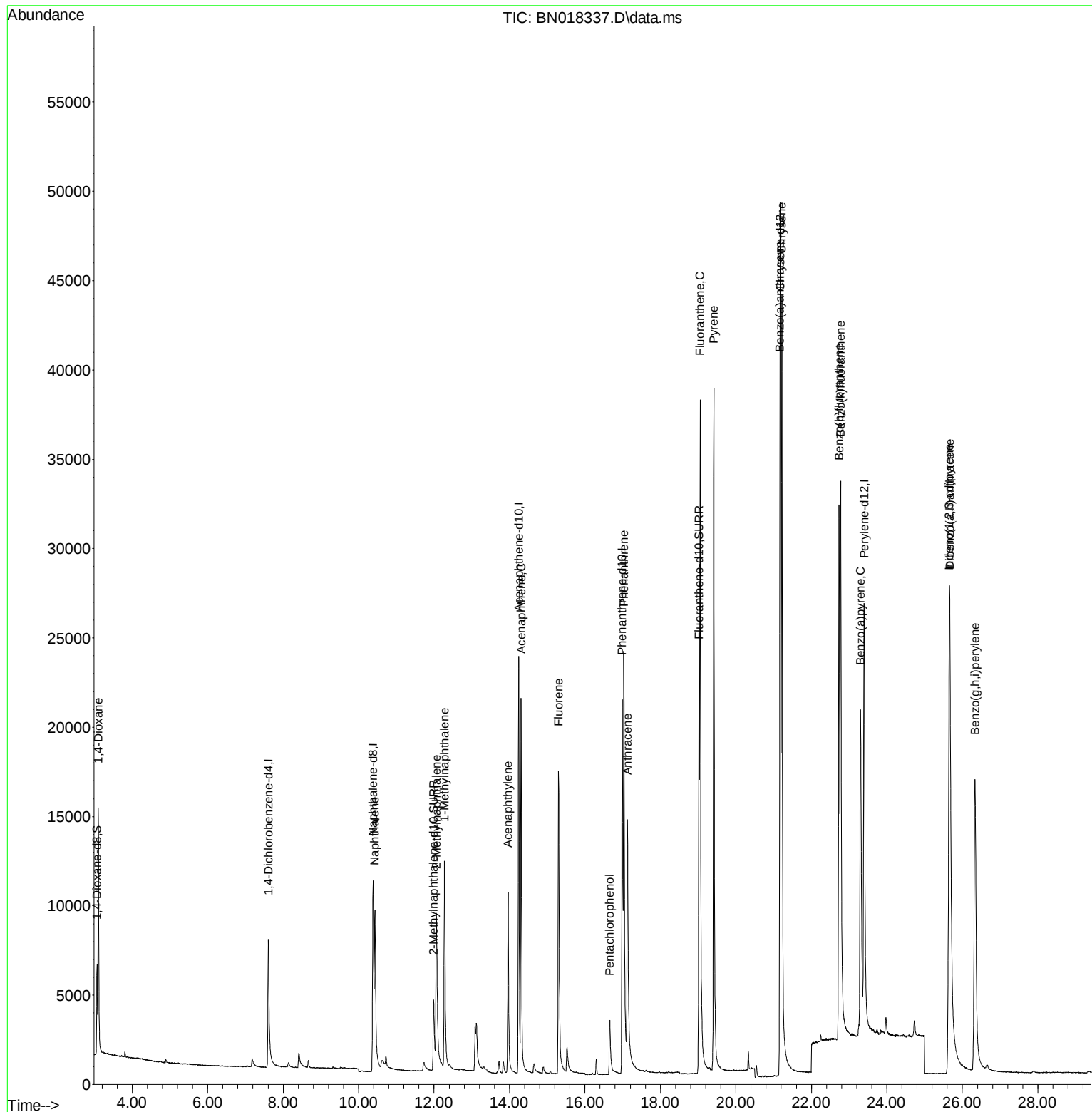
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	6119	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	21371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.245	164	14441	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.987	188	33789	0.400	ng/ul	0.00
17) Chrysene-d12	21.180	240	37846	0.400	ng/ul	0.00
23) Perylene-d12	23.398	264	35773	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	3492	0.630	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	8289	0.285	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	31565	0.311	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.101	88	9356	1.442	ng/ul#	74
5) Naphthalene	10.432	128	15834	0.272	ng/ul	99
7) 2-Methylnaphthalene	12.060	142	10039	0.268	ng/ul	100
8) 1-Methylnaphthalene	12.280	142	10670	0.267	ng/ul	100
10) Acenaphthylene	13.963	152	14888	0.272	ng/ul	99
11) Acenaphthene	14.305	153	13622	0.275	ng/ul	99
12) Fluorene	15.300	166	15871	0.268	ng/ul	97
14) Pentachlorophenol	16.653	266	3353	0.426	ng/ul	99
15) Phenanthrene	17.029	178	29601	0.277	ng/ul	99
16) Anthracene	17.126	178	23139	0.269	ng/ul	99
19) Fluoranthene	19.050	202	40077	0.292	ng/ul	100
20) Pyrene	19.413	202	42627	0.297	ng/ul	99
21) Benzo(a)anthracene	21.165	228	34161	0.290	ng/ul	100
22) Chrysene	21.218	228	45965	0.308	ng/ul	100
24) Benzo(b)fluoranthene	22.731	252	41869	0.287	ng/ul	100
25) Benzo(k)fluoranthene	22.775	252	50946	0.297	ng/ul	99
26) Benzo(a)pyrene	23.302	252	38601	0.294	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.654	276	50160	0.296	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.671	278	37919	0.295	ng/ul	99
29) Benzo(g,h,i)perylene	26.335	276	44150	0.288	ng/ul	99

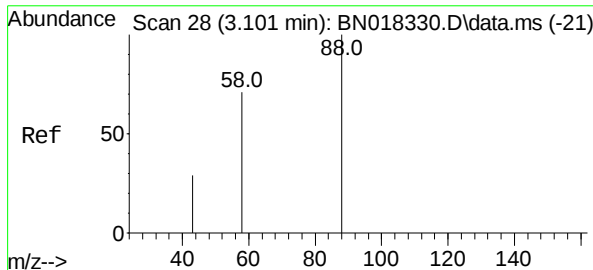
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 1.442 ng/ul

RT: 3.101 min Scan# 1

Delta R.T. -0.000 min

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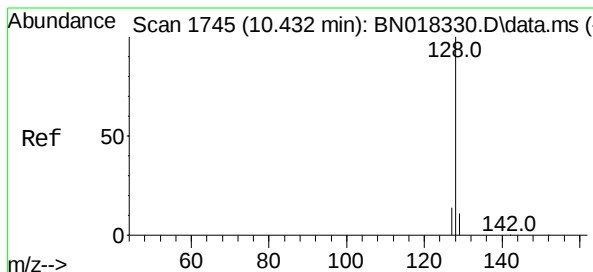
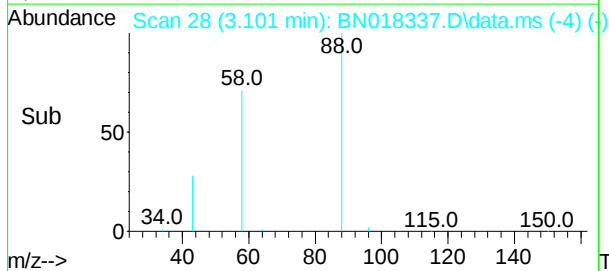
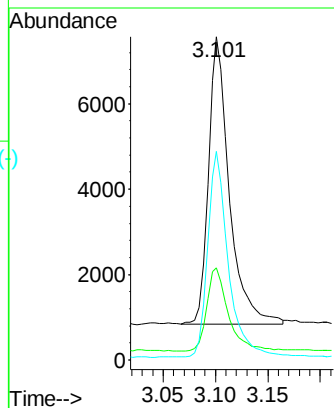
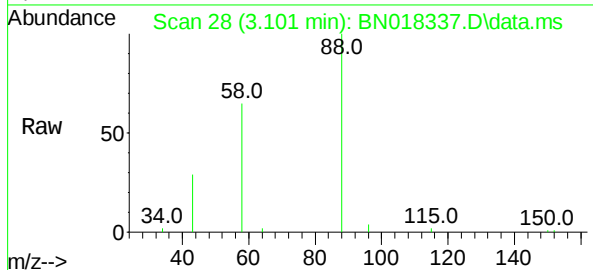
Tgt Ion: 88 Resp: 9356

Ion Ratio Lower Upper

88 100

43 28.6 47.8 71.8#

58 64.5 46.2 69.2



Naphthalene

Concen: 0.272 ng/ul

RT: 10.432 min Scan# 1745

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

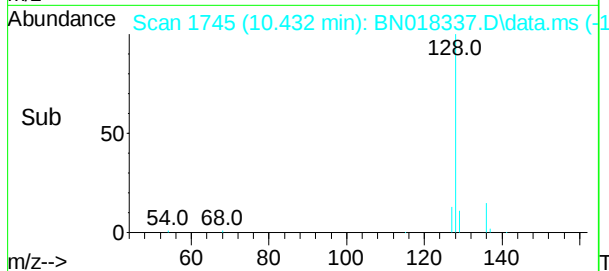
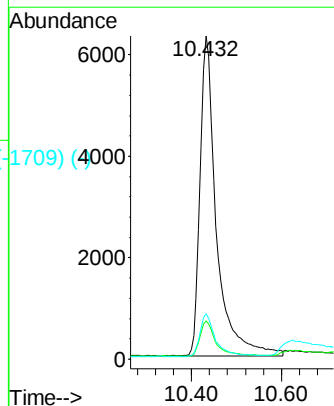
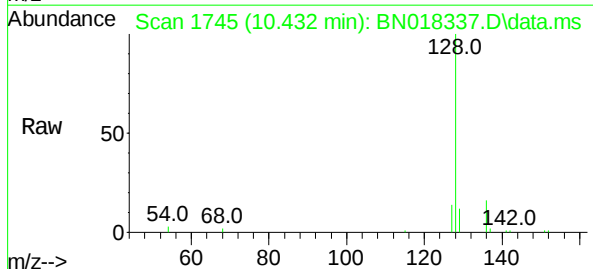
Tgt Ion: 128 Resp: 15834

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

127 14.1 11.0 16.6



Abundance Scan 2041 (12.060 min): BN018330.D\data.ms (-2032) (-)

2-Methylnaphthalene

Concen: 0.268 ng/u1

RT: 12.060 min Scan# 2041

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604

Tgt Ion:142 Resp: 10039

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3

Abundance Scan 2041 (12.060 min): BN018337.D\data.ms

Ref

54.0 68.0

115.0

142.0

Raw

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2041 (12.060 min): BN018337.D\data.ms (-2023) (-)

Sub

54.0 68.0

115.0

142.0

m/z-->

Abundance

12.060

3000

2000

1000

0

Time-->

Abundance Scan 2080 (12.275 min): BN018330.D\data.ms (-2082) (-)

1-Methylnaphthalene

Concen: 0.267 ng/u1

RT: 12.280 min Scan# 2081

Delta R.T. 0.005 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Tgt Ion:142 Resp: 10670

Ion Ratio Lower Upper

142 100

141 91.9 73.2 109.8

Abundance Scan 2081 (12.280 min): BN018337.D\data.ms

Ref

54.0 68.0

115.0

142.0

Raw

54.0 68.0

115.0

142.0

m/z-->

Abundance Scan 2081 (12.280 min): BN018337.D\data.ms (-2062) (-)

Sub

54.0 68.0

115.0

142.0

m/z-->

Abundance

12.280

5000

4000

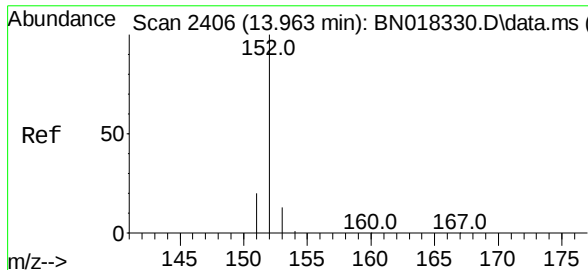
3000

2000

1000

0

Time-->



Acenaphthylene

Concen: 0.272 ng/ul

RT: 13.963 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604

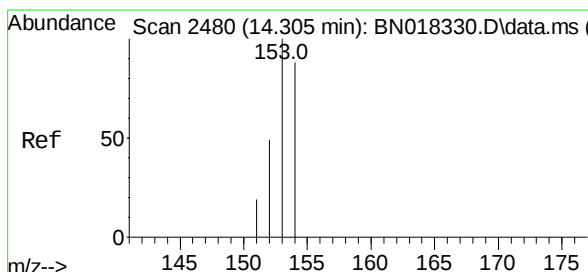
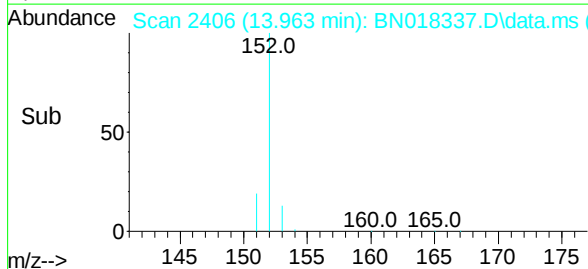
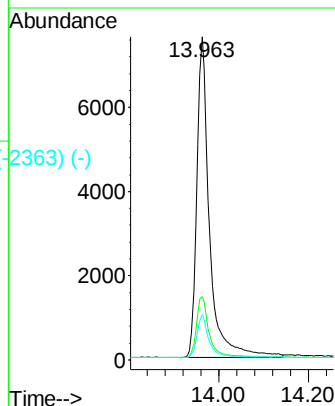
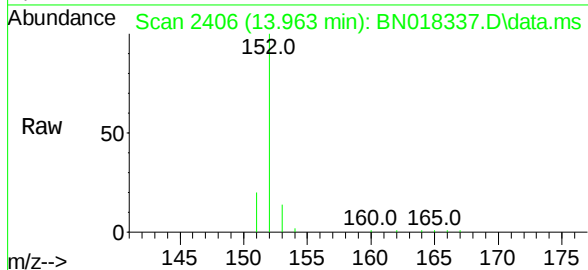
Tgt Ion:152 Resp: 14888

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.8

153 14.1 10.7 16.1



Acenaphthene

Concen: 0.275 ng/ul

RT: 14.305 min Scan# 2480

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

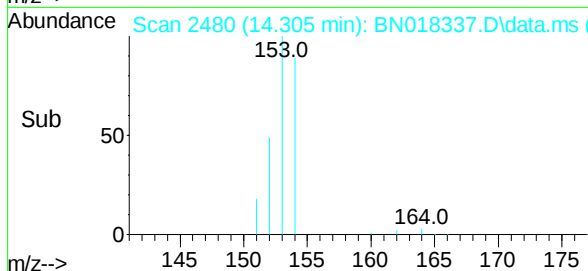
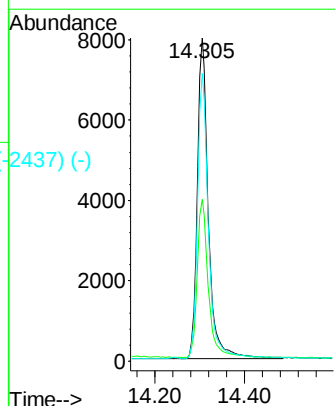
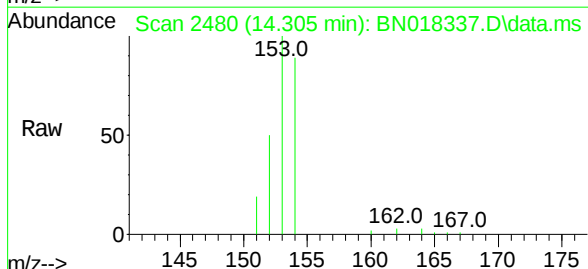
Tgt Ion:153 Resp: 13622

Ion Ratio Lower Upper

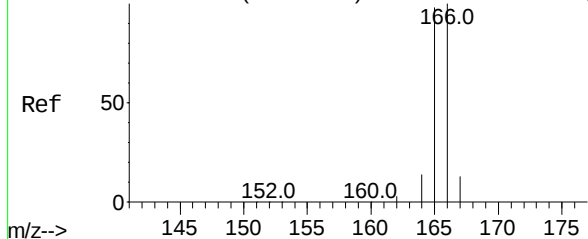
153 100

152 50.2 39.7 59.5

154 89.1 70.9 106.3



Abundance Scan 2694 (15.295 min): BN018330.D\data.ms (-2694) (-)



Fluorene

Concen: 0.268 ng/ul

RT: 15.300 min Scan# 2694

Delta R.T. 0.005 min

Lab File: BN018337.D

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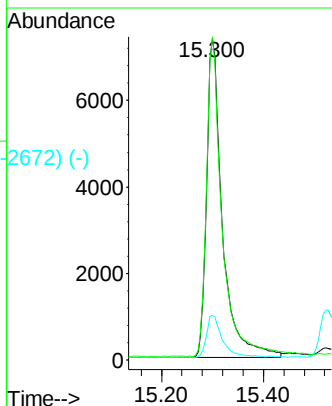
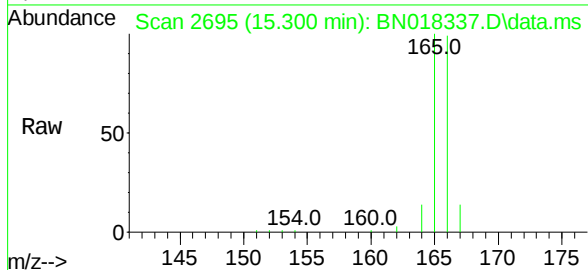
Tgt Ion:166 Resp: 15871

Ion Ratio Lower Upper

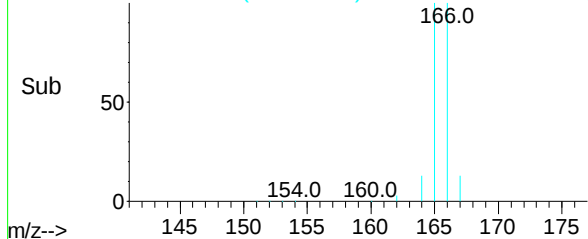
166 100

165 100.5 77.8 116.6

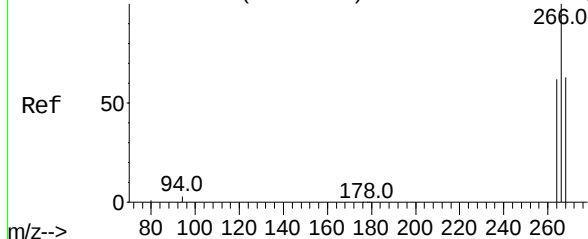
167 13.9 11.6 17.4



Abundance Scan 2695 (15.300 min): BN018337.D\data.ms (-2672) (-)



Abundance Scan 3002 (16.658 min): BN018330.D\data.ms (-2911) (-)



Pentachlorophenol

Concen: 0.426 ng/ul

RT: 16.653 min Scan# 3001

Delta R.T. -0.004 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

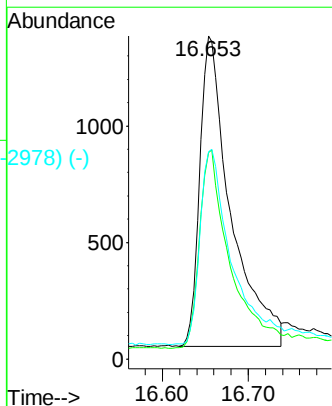
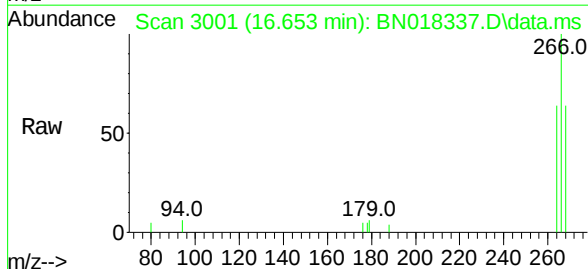
Tgt Ion:266 Resp: 3353

Ion Ratio Lower Upper

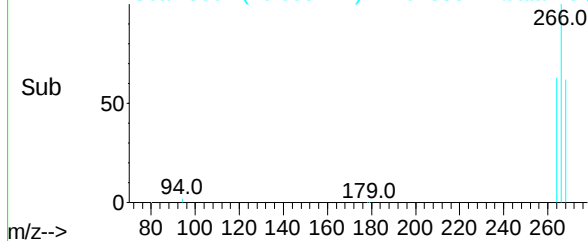
266 100

264 62.9 49.9 74.9

268 64.3 51.7 77.5



Abundance Scan 3001 (16.653 min): BN018337.D\data.ms (-2978) (-)



Abundance Scan 3090 (17.029 min): BN018330.D\data.ms (-30715) (-)

Phenanthrene

Concen: 0.277 ng/u1

RT: 17.029 min Scan# 3090

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604

Tgt Ion:178 Resp: 29601

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 19.5 15.4 23.2

Abundance Scan 3090 (17.029 min): BN018337.D\data.ms

Ref 50

178.0

Raw 50

94.0 266.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance Scan 3090 (17.029 min): BN018337.D\data.ms (-30431)

Sub 50

178.0

80.0

m/z-->

80 100 120 140 160 180 200 220 240 260

Abundance

15000

17.029

10000

5000

0

Time-->

16.90 17.00 17.10

Abundance Scan 3112 (17.122 min): BN018330.D\data.ms (-31116) (-)

Anthracene

Concen: 0.269 ng/u1

RT: 17.126 min Scan# 3113

Delta R.T. 0.004 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Tgt Ion:178 Resp: 23139

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.9 15.5 23.3

Abundance Scan 3113 (17.126 min): BN018337.D\data.ms

Ref 50

178.0

Raw 50

94.0 266.0

m/z-->

0 50 100 150 200 250

Abundance Scan 3113 (17.126 min): BN018337.D\data.ms (-30881)

Sub 50

178.0

m/z-->

0 50 100 150 200 250

Abundance

15000

17.126

10000

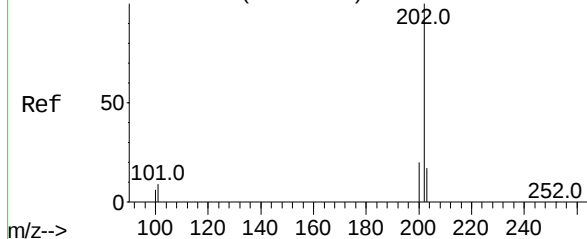
5000

0

Time-->

17.10 17.20 17.30

Abundance Scan 3557 (19.051 min): BN018330.D\data.ms (-3549)



Fluoranthene

Concen: 0.292 ng/ul

RT: 19.050 min Scan#

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604

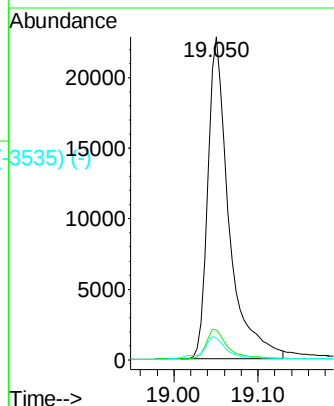
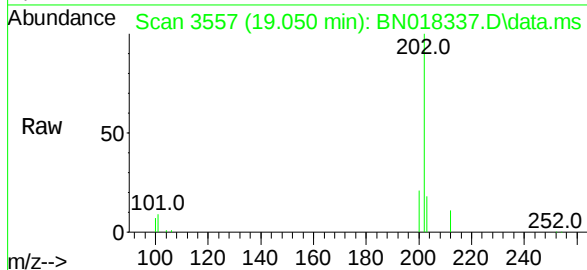
Tgt Ion:202 Resp: 40077

Ion Ratio Lower Upper

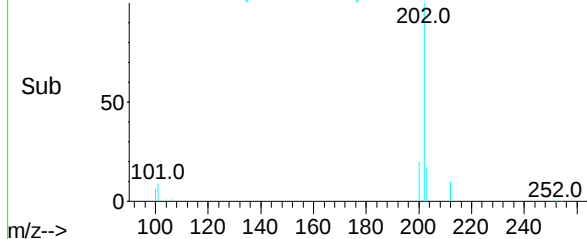
202 100

101 9.2 7.5 11.3

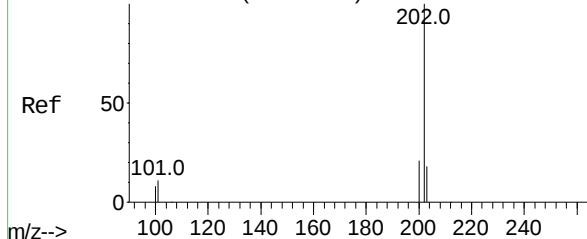
100 6.6 5.4 8.2



Abundance Scan 3557 (19.050 min): BN018337.D\data.ms (-3535)



Abundance Scan 3635 (19.413 min): BN018330.D\data.ms (-3629)



Pyrene

Concen: 0.297 ng/ul

RT: 19.413 min Scan# 3635

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

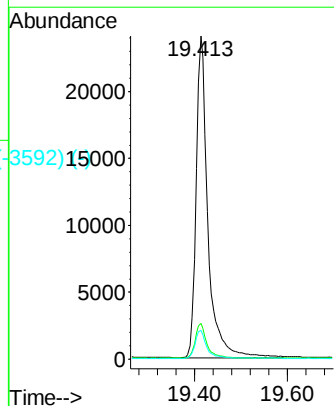
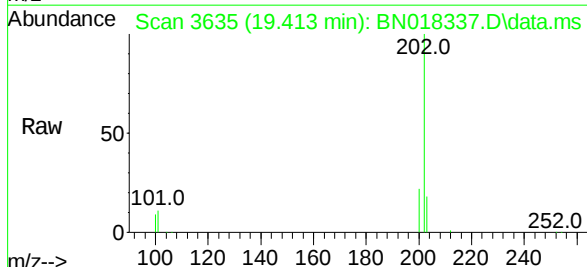
Tgt Ion:202 Resp: 42627

Ion Ratio Lower Upper

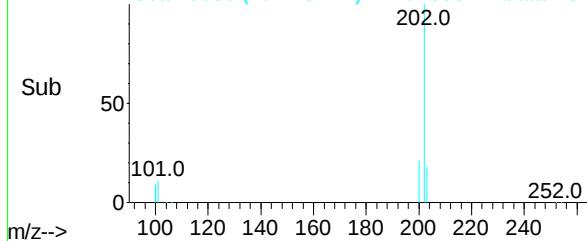
202 100

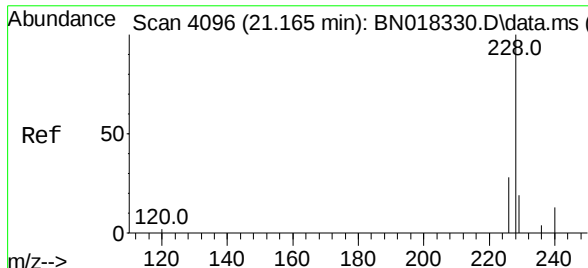
101 11.0 9.0 13.4

100 8.9 7.0 10.4



Abundance Scan 3635 (19.413 min): BN018337.D\data.ms (-3592)

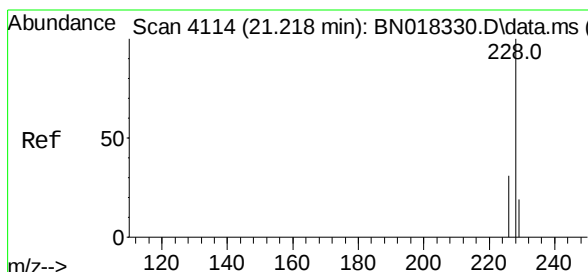
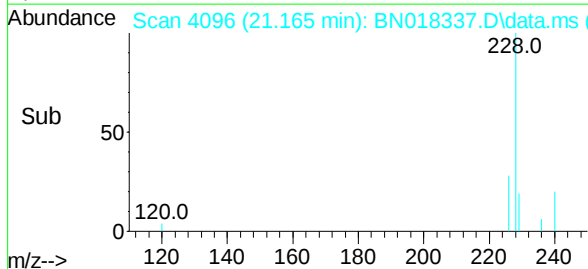
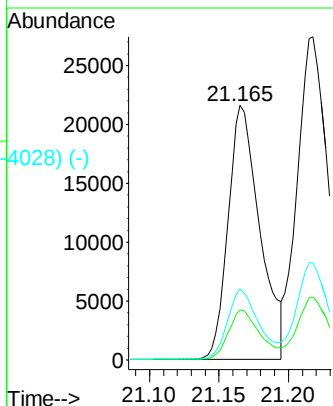
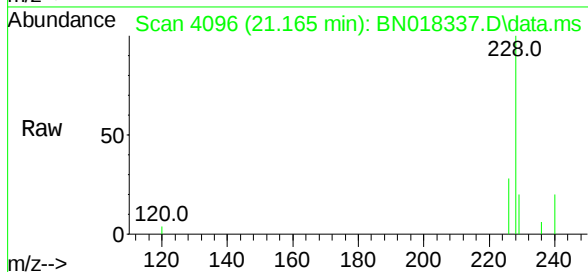




Scan 4096 (21.165 min): BN018330.D\data.ms (-4023) (-)
 Benzo(a)anthracene
 Concen: 0.290 ng/u1
 RT: 21.165 min Scan# 4096
 Delta R.T. -0.000 min
 Lab File: BN018337.D
 Acq: 04 Jan 2022 16:32

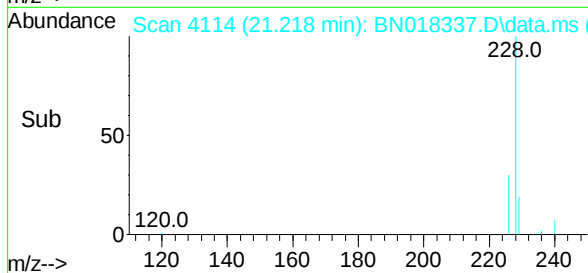
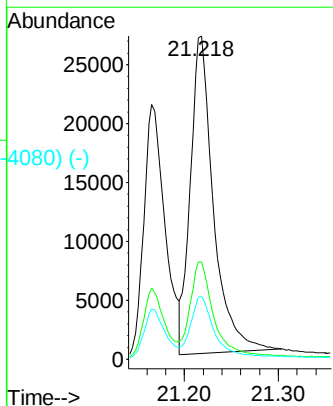
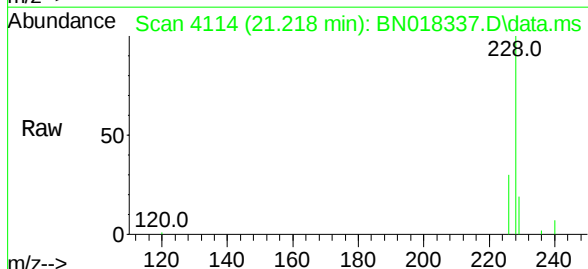
Instrument :
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Tgt Ion:	228	Resp:	34161
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.8	22.1	33.1



Scan 4114 (21.218 min): BN018330.D\data.ms (-4102) (-)
 Chrysene
 Concen: 0.308 ng/u1
 RT: 21.218 min Scan# 4114
 Delta R.T. -0.000 min
 Lab File: BN018337.D
 Acq: 04 Jan 2022 16:32

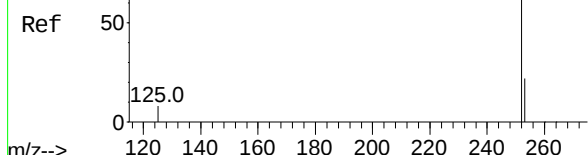
Tgt Ion:	228	Resp:	45965
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.4	15.7	23.5



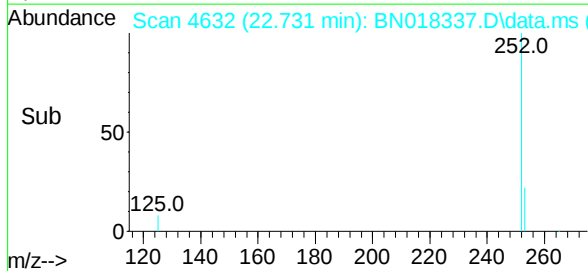
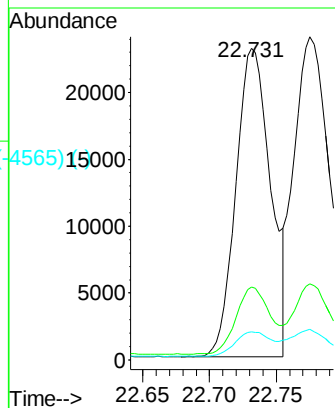
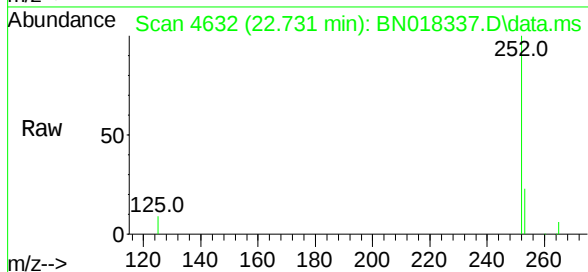
Abundance Scan 4633 (22.734 min): BN018330.D\data.ms (-4623) (-)

Benzo(b)fluoranthene
Concen: 0.287 ng/u1
RT: 22.731 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BN018337.D
Acq: 04 Jan 2022 16:32

Instrument :
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SLCS604



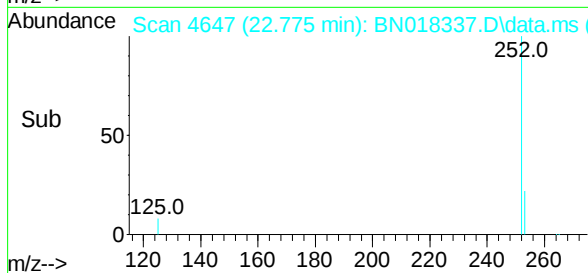
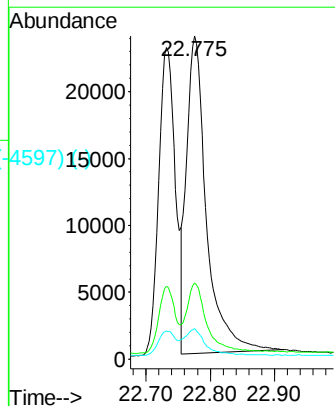
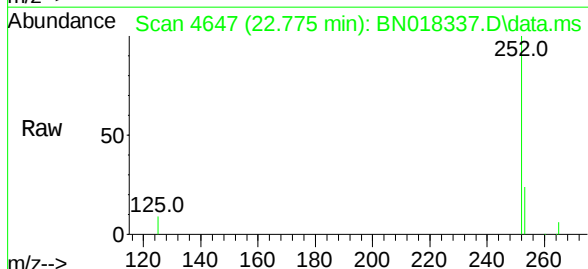
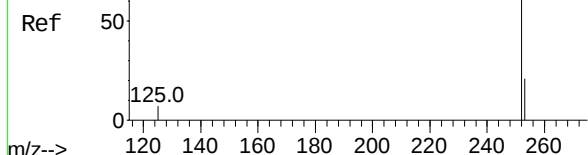
Tgt Ion:	252	Resp:	41869
Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	46.4
125	9.0	0.0	17.8



Abundance Scan 4648 (22.778 min): BN018330.D\data.ms (-4625) (-)

Benzo(k)fluoranthene
Concen: 0.297 ng/u1
RT: 22.775 min Scan# 4647
Delta R.T. -0.003 min
Lab File: BN018337.D
Acq: 04 Jan 2022 16:32

Tgt Ion:	252	Resp:	50946
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	9.4	7.3	10.9



Abundance Scan 4828 (23.305 min): BN018330.D\data.ms (-4726) (-)

Benzo(a)pyrene

Concen: 0.294 ng/u1

RT: 23.302 min Scan# 4828

Delta R.T. -0.003 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604

Tgt Ion:252 Resp: 38601

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 11.0 8.2 12.2

Abundance Scan 4827 (23.302 min): BN018337.D\data.ms

Ref 50

125.0

252.0

Raw 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4827 (23.302 min): BN018337.D\data.ms (-4794) (-)

Ref 50

125.0

252.0

Sub 50

125.0

252.0

m/z-->

120 140 160 180 200 220 240 260

Abundance

23.302

10000

5000

0

Time-->

23.20 23.40

Abundance Scan 5603 (25.654 min): BN018330.D\data.ms (-5527) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.296 ng/u1

RT: 25.654 min Scan# 5603

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32

Tgt Ion:276 Resp: 50160

Ion Ratio Lower Upper

276 100

138 20.7 16.5 24.7

227 0.1 0.1 0.1#

Abundance Scan 5603 (25.654 min): BN018337.D\data.ms

Ref 50

138.0

227.0

276.0

Raw 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5603 (25.654 min): BN018337.D\data.ms (-5543) (-)

Ref 50

138.0

227.0

276.0

Sub 50

138.0

227.0

m/z-->

140 160 180 200 220 240 260 280

Abundance

25.654

10000

5000

0

Time-->

25.60 25.80

Abundance Scan 5609 (25.674 min): BN018330.D\data.ms (-5529) (-)

Dibenzo(a,h)anthracene

Concen: 0.295 ng/u1

RT: 25.671 min Scan# 5609

Delta R.T. -0.003 min

Lab File: BN018337.D

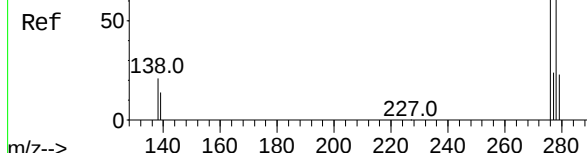
Acq: 04 Jan 2022 16:32

Instrument :

BNA_N

ClientSampleId :

SLCS604



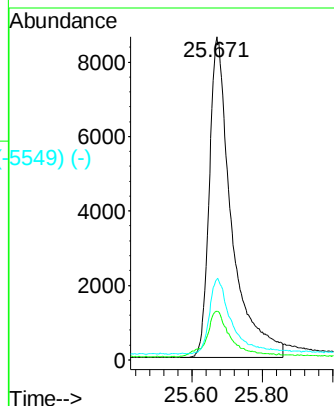
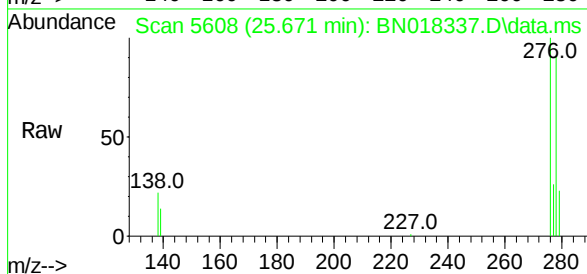
Tgt Ion:278 Resp: 37919

Ion Ratio Lower Upper

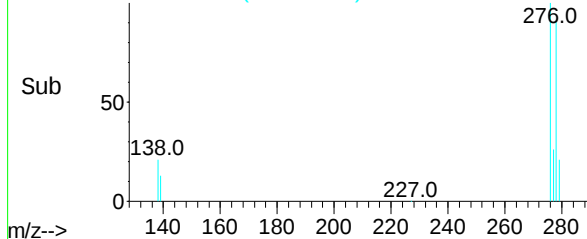
278 100

139 15.0 11.9 17.9

279 25.0 19.5 29.3



Abundance Scan 5608 (25.671 min): BN018337.D\data.ms (-5549) (-)



Abundance Scan 5806 (26.335 min): BN018330.D\data.ms (-5729) (-)

Benzo(g,h,i)perylene

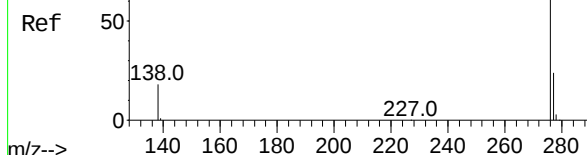
Concen: 0.288 ng/u1

RT: 26.335 min Scan# 5806

Delta R.T. -0.000 min

Lab File: BN018337.D

Acq: 04 Jan 2022 16:32



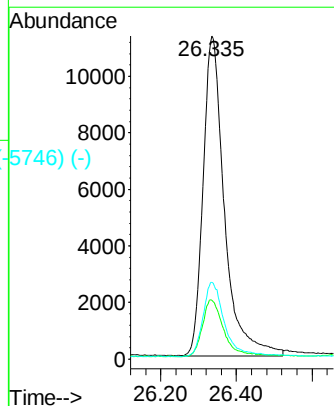
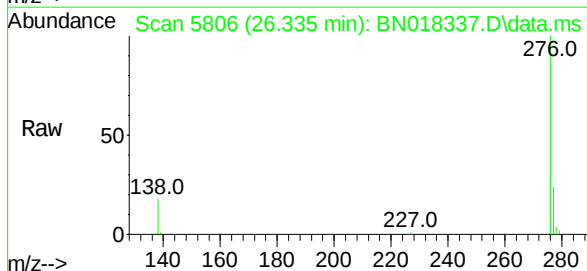
Tgt Ion:276 Resp: 44150

Ion Ratio Lower Upper

276 100

138 18.2 14.4 21.6

277 23.7 19.2 28.8



Abundance Scan 5806 (26.335 min): BN018337.D\data.ms (-5746) (-)

