

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122821\
 Data File : BN018247.D
 Acq On : 28 Dec 2021 20:29
 Operator : CG/JU
 Sample : PB141664BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS664

Quant Time: Dec 29 05:57:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 28 00:34:45 2021
 Response via : Initial Calibration

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

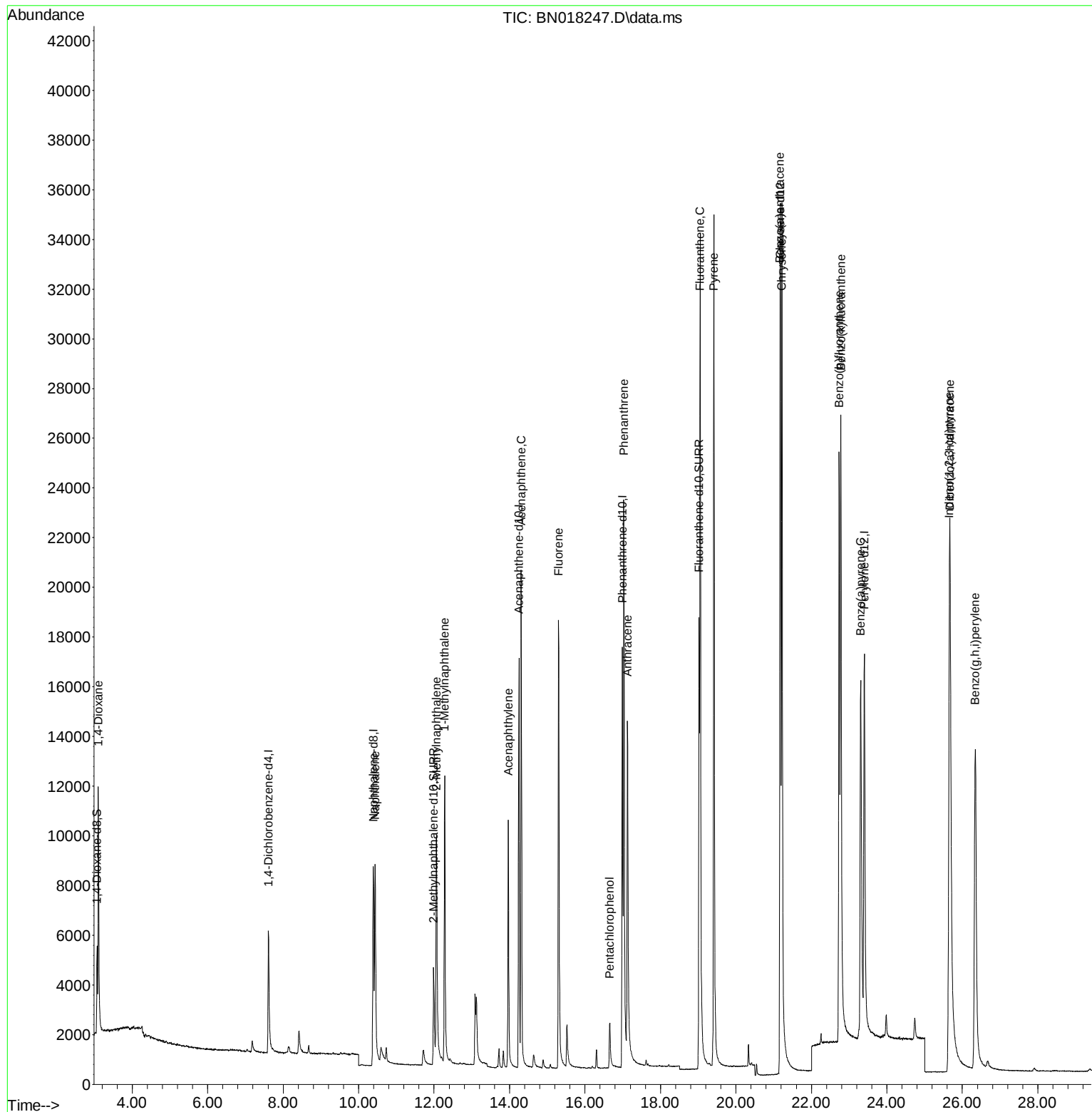
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3824	0.400	ng/ul	0.00
4) Naphthalene-d8	10.388	136	14046	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	10173	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.991	188	23469	0.400	ng/ul	0.00
17) Chrysene-d12	21.183	240	23725	0.400	ng/ul	0.00
23) Perylene-d12	23.404	264	22802	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.071	96	2633	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	7258	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.023	212	24778	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.105	88	7074	1.781	ng/ul#	76
5) Naphthalene	10.438	128	13526	0.325	ng/ul	99
7) 2-Methylnaphthalene	12.066	142	9119	0.299	ng/ul	99
8) 1-Methylnaphthalene	12.280	142	9588	0.312	ng/ul	100
10) Acenaphthylene	13.967	152	13454	0.306	ng/ul	99
11) Acenaphthene	14.310	153	12316	0.348	ng/ul	99
12) Fluorene	15.300	166	14627	0.335	ng/ul	99
14) Pentachlorophenol	16.658	266	1776	0.191	ng/ul	100
15) Phenanthrene	17.029	178	26870	0.346	ng/ul	98
16) Anthracene	17.126	178	21182	0.303	ng/ul	99
19) Fluoranthene	19.055	202	34285	0.363	ng/ul	100
20) Pyrene	19.418	202	35925	0.364	ng/ul	100
21) Benzo(a)anthracene	21.168	228	26786	0.296	ng/ul	100
22) Chrysene	21.218	228	36849	0.375	ng/ul	100
24) Benzo(b)fluoranthene	22.734	252	32475	0.340	ng/ul	100
25) Benzo(k)fluoranthene	22.781	252	41178	0.378	ng/ul	100
26) Benzo(a)pyrene	23.307	252	30257	0.334	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.657	276	39695	0.345	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.677	278	29809	0.335	ng/ul	99
29) Benzo(g,h,i)perylene	26.345	276	34330	0.350	ng/ul	99

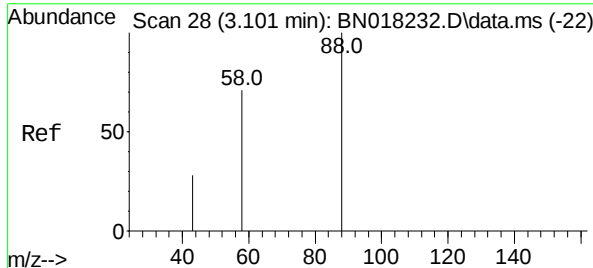
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dioxane

Concen: 1.781 ng/ul

RT: 3.105 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

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BNA_N

ClientSampleId :

SLCS664

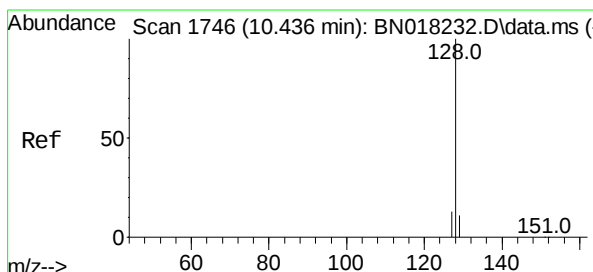
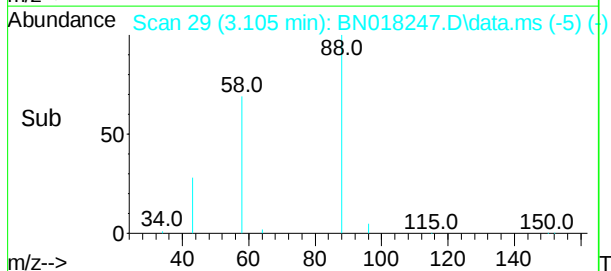
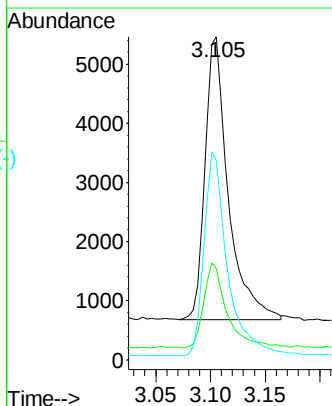
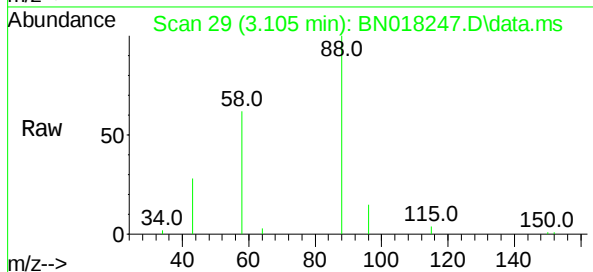
Tgt Ion: 88 Resp: 7074

Ion Ratio Lower Upper

88 100

43 28.3 47.8 71.8#

58 61.7 46.2 69.2



Naphthalene

Concen: 0.325 ng/ul

RT: 10.438 min Scan# 1746

Delta R.T. 0.001 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

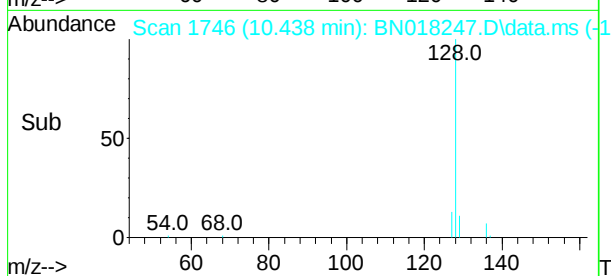
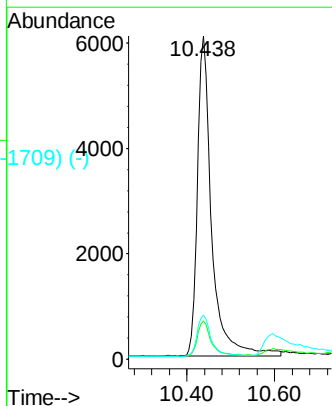
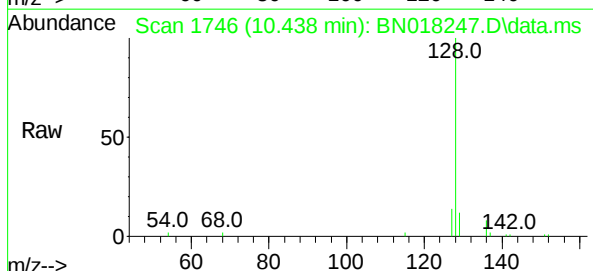
Tgt Ion: 128 Resp: 13526

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.0

127 13.6 11.0 16.6



Abundance Scan 2042 (12.064 min): BN018232.D\data.ms (-2073) (-)

2-Methylnaphthalene

Concen: 0.299 ng/u1

RT: 12.066 min Scan# 2042

Delta R.T. 0.007 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

Instrument :

BNA_N

ClientSampleId :

SLCS664

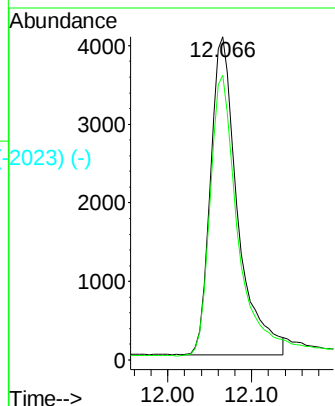
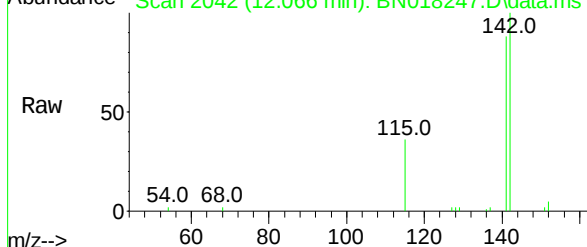
Tgt Ion:142 Resp: 9119

Ion Ratio Lower Upper

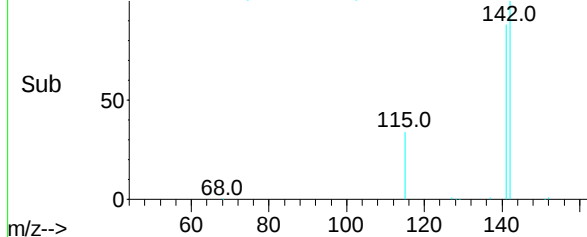
142 100

141 89.3 70.9 106.3

Abundance Scan 2042 (12.066 min): BN018247.D\data.ms



Abundance Scan 2042 (12.066 min): BN018247.D\data.ms (-2023) (-)



Abundance Scan 2081 (12.279 min): BN018232.D\data.ms (-2073) (-)

1-Methylnaphthalene

Concen: 0.312 ng/u1

RT: 12.280 min Scan# 2081

Delta R.T. 0.001 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

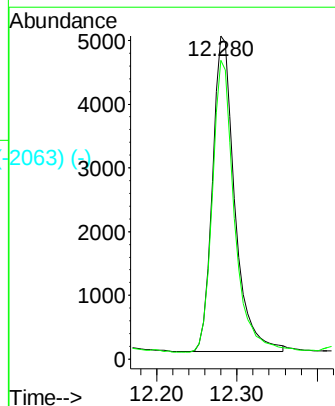
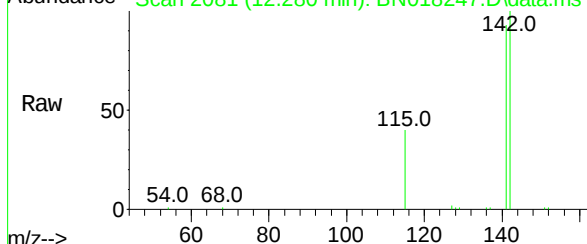
Tgt Ion:142 Resp: 9588

Ion Ratio Lower Upper

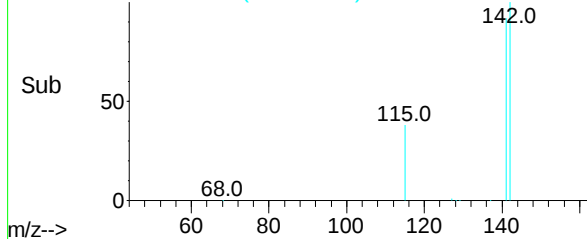
142 100

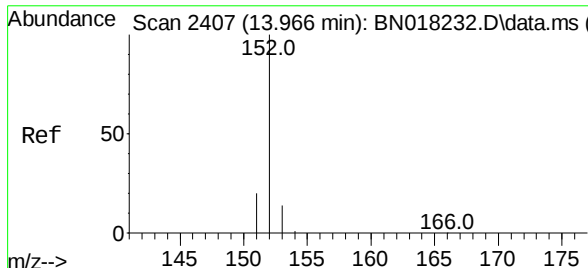
141 91.1 73.2 109.8

Abundance Scan 2081 (12.280 min): BN018247.D\data.ms



Abundance Scan 2081 (12.280 min): BN018247.D\data.ms (-2063) (-)

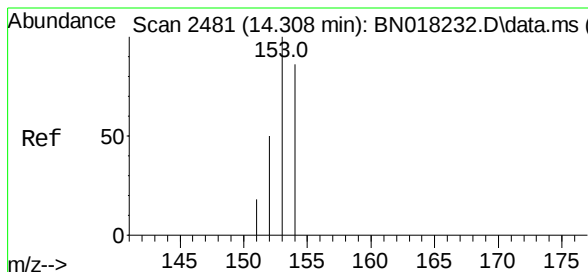
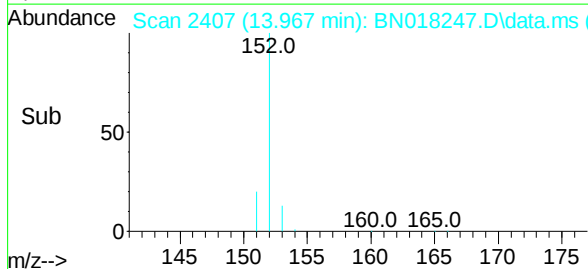
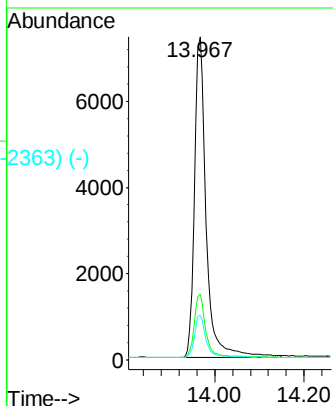
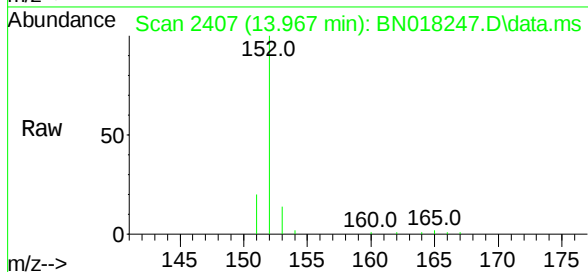




Acenaphthylene
 Concen: 0.306 ng/ul
 RT: 13.967 min Scan# 2407
 Delta R.T. 0.001 min
 Lab File: BN018247.D
 Acq: 28 Dec 2021 20:29

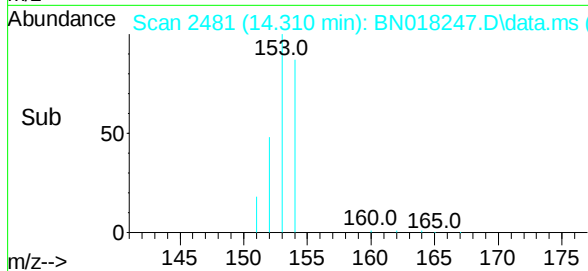
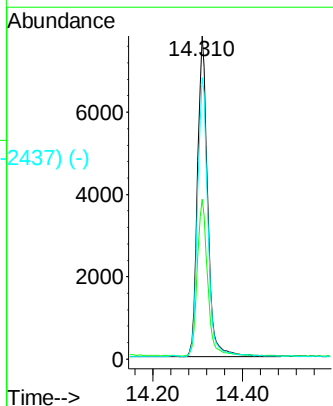
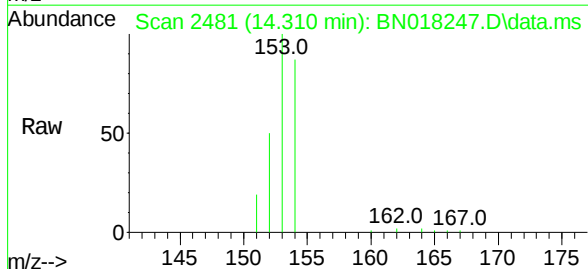
Instrument :
 BNA_N
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 SLCS664

Tgt Ion:	152	Resp:	13454
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.8	10.7	16.1

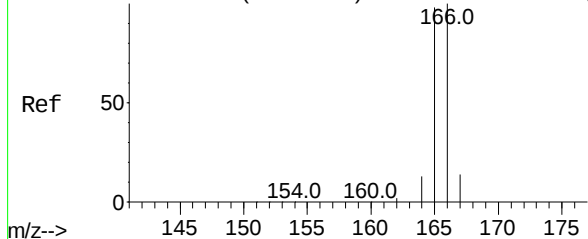


Acenaphthene
 Concen: 0.348 ng/ul
 RT: 14.310 min Scan# 2481
 Delta R.T. 0.001 min
 Lab File: BN018247.D
 Acq: 28 Dec 2021 20:29

Tgt Ion:	153	Resp:	12316
Ion	Ratio	Lower	Upper
153	100		
152	49.6	39.7	59.5
154	87.2	70.9	106.3



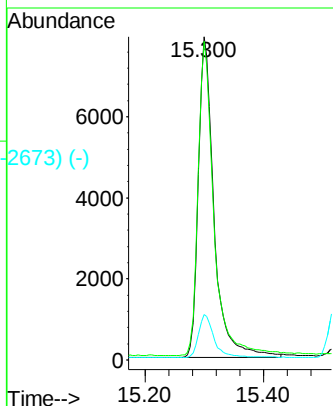
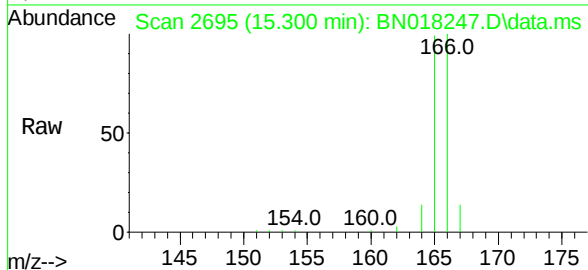
Abundance Scan 2695 (15.298 min): BN018232.D\data.ms (-2695) (-)



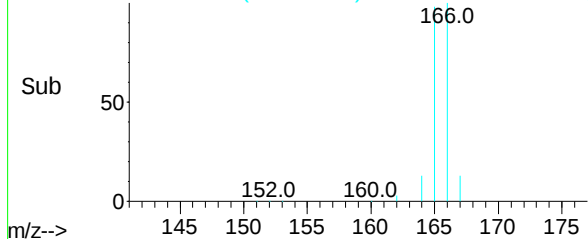
Fluorene
Concen: 0.335 ng/ul
RT: 15.300 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

Instrument :
BNA_N
ClientSampleId :
SLCS664

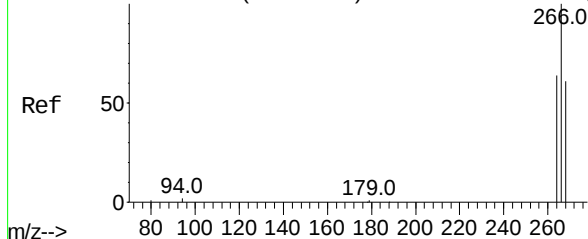
Tgt Ion:	166	Resp:	14627
Ion Ratio	Lower	Upper	
166	100		
165	98.5	77.8	116.6
167	14.1	11.6	17.4



Abundance Scan 2695 (15.300 min): BN018247.D\data.ms (-2673) (-)

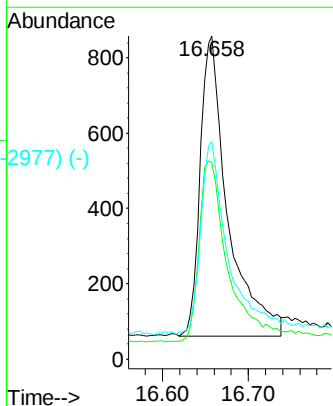
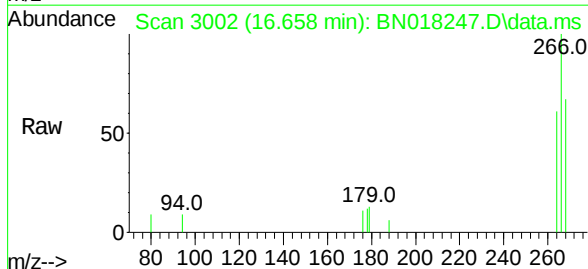


Abundance Scan 3001 (16.652 min): BN018232.D\data.ms (-2911) (-)

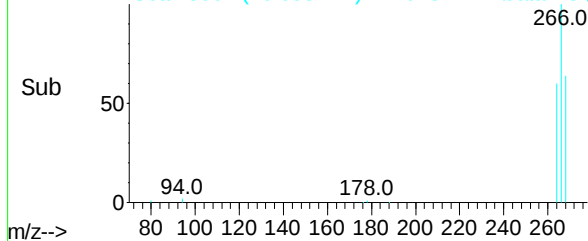


Pentachlorophenol
Concen: 0.191 ng/ul
RT: 16.658 min Scan# 3002
Delta R.T. 0.006 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

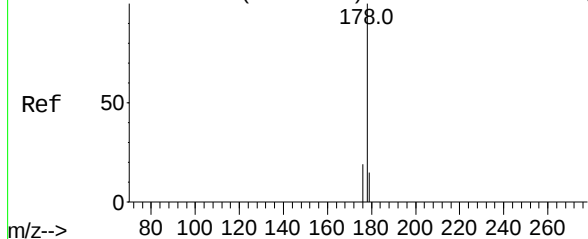
Tgt Ion:	266	Resp:	1776
Ion Ratio	Lower	Upper	
266	100		
264	62.6	49.9	74.9
268	64.4	51.7	77.5



Abundance Scan 3002 (16.658 min): BN018247.D\data.ms (-2977) (-)



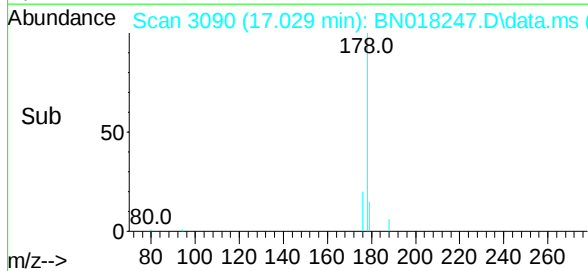
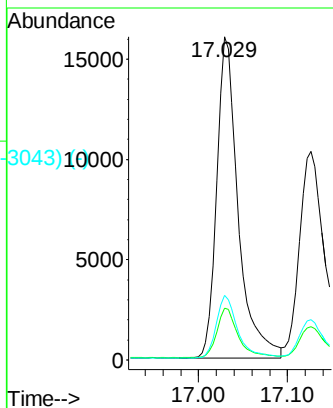
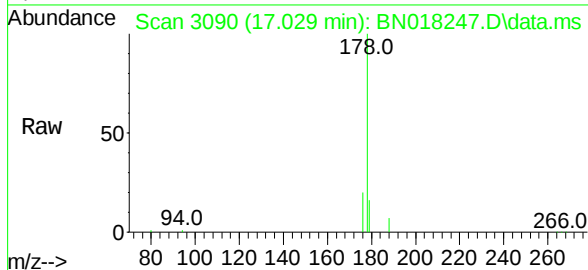
Abundance Scan 3091 (17.032 min): BN018232.D\data.ms (-30715) (-)



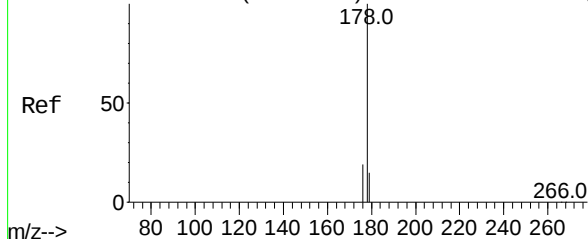
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.029 min Scan# 3091
Delta R.T. -0.003 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

Instrument :
BNA_N
ClientSampleId :
SLCS664

Tgt Ion:	178	Resp:	26870
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	20.0	15.4	23.2

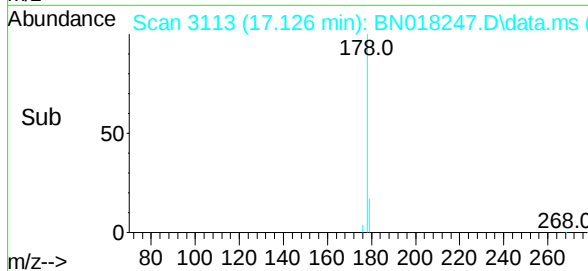
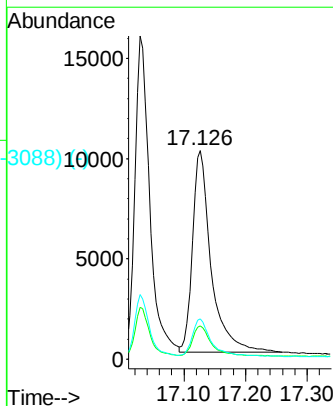
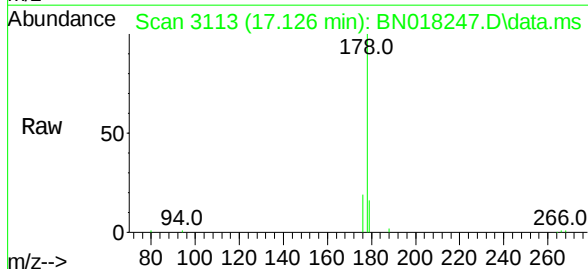


Abundance Scan 3113 (17.125 min): BN018232.D\data.ms (-31115) (-)

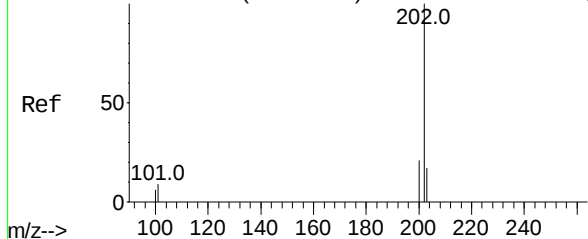


Anthracene
Concen: 0.303 ng/ul
RT: 17.126 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

Tgt Ion:	178	Resp:	21182
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.2	15.5	23.3



Abundance Scan 3558 (19.054 min): BN018232.D\data.ms (-3549) (-)



Fluoranthene

Concen: 0.363 ng/ul

RT: 19.055 min Scan#

Delta R.T. 0.001 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

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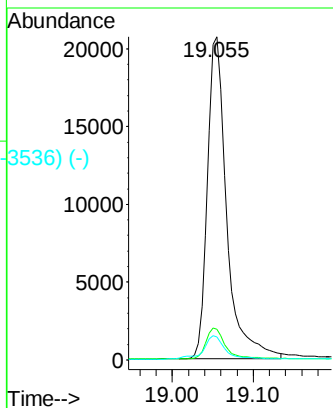
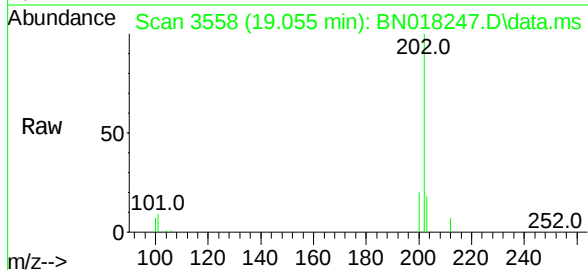
Tgt Ion:202 Resp: 34285

Ion Ratio Lower Upper

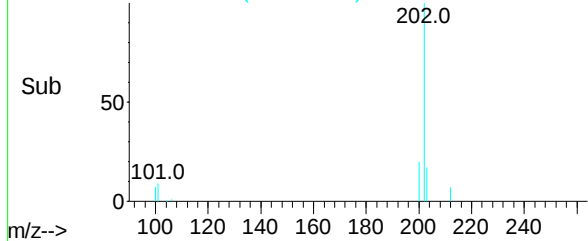
202 100

101 9.5 7.5 11.3

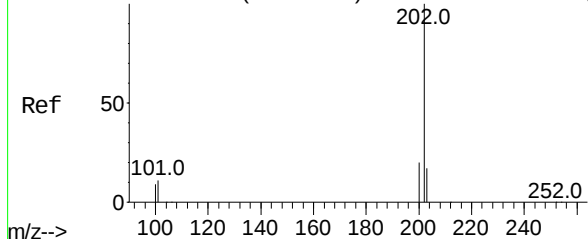
100 7.1 5.4 8.2



Abundance Scan 3558 (19.055 min): BN018247.D\data.ms (-3536) (-)



Abundance Scan 3636 (19.416 min): BN018232.D\data.ms (-3629) (-)



Pyrene

Concen: 0.364 ng/ul

RT: 19.418 min Scan# 3636

Delta R.T. 0.001 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

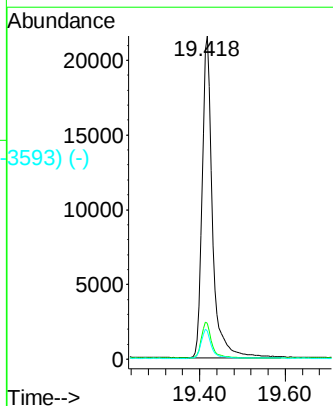
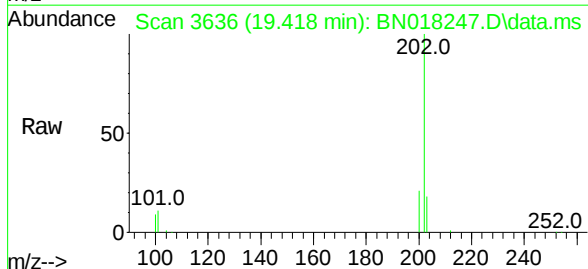
Tgt Ion:202 Resp: 35925

Ion Ratio Lower Upper

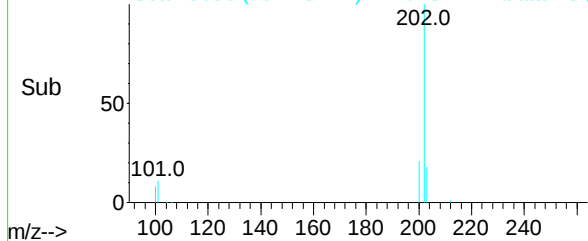
202 100

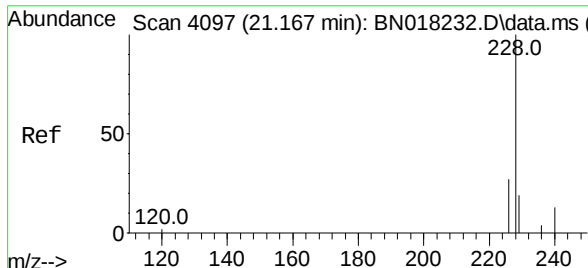
101 11.0 9.0 13.4

100 8.6 7.0 10.4



Abundance Scan 3636 (19.418 min): BN018247.D\data.ms (-3593) (-)

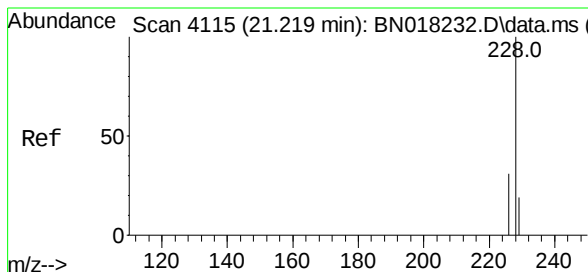
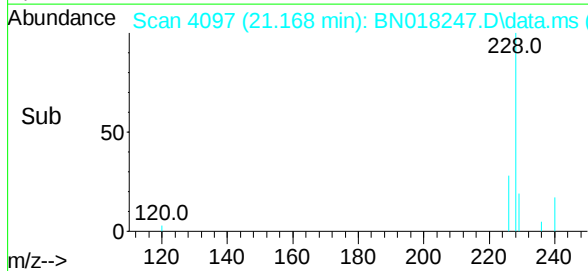
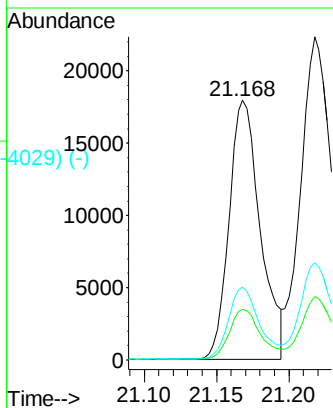
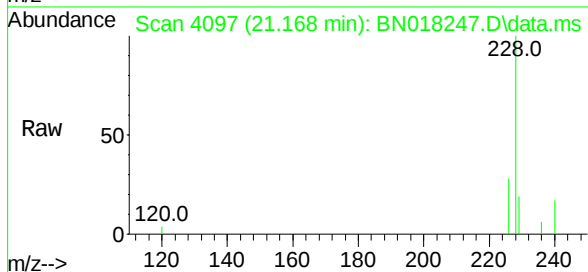




Scan 4097 (21.167 min): BN018232.D\data.ms (-4021) (-)
 Benzo(a)anthracene
 Concen: 0.296 ng/u1
 RT: 21.168 min Scan# 4112
 Delta R.T. -0.002 min
 Lab File: BN018247.D
 Acq: 28 Dec 2021 20:29

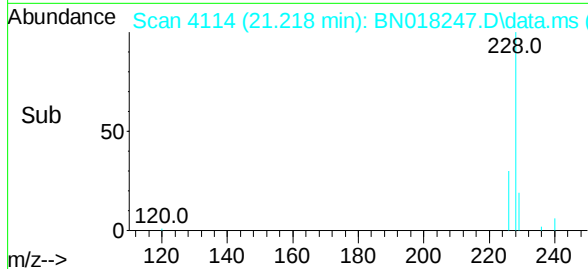
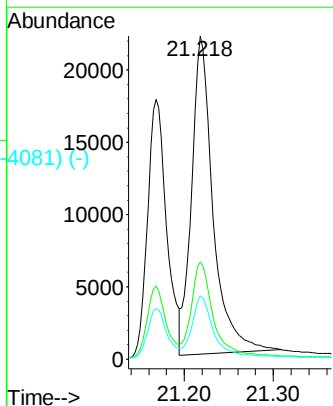
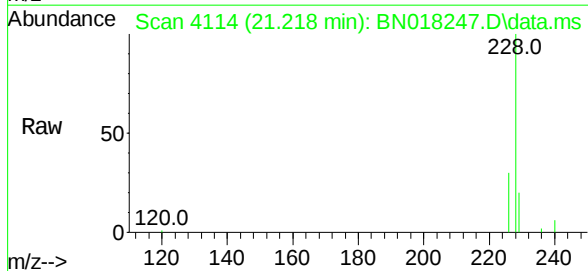
Instrument :
 BNA_N
 ClientSampleId :
 SLCS664

Tgt Ion:	228	Resp:	26786
Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	28.0	22.1	33.1



Scan 4115 (21.219 min): BN018232.D\data.ms (-4122) (-)
 Chrysene
 Concen: 0.375 ng/u1
 RT: 21.218 min Scan# 4114
 Delta R.T. -0.005 min
 Lab File: BN018247.D
 Acq: 28 Dec 2021 20:29

Tgt Ion:	228	Resp:	36849
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.5	15.7	23.5



Abundance Scan 4633 (22.733 min): BN018232.D\data.ms (-4624) (-)

Benzo(b)fluoranthene

Concen: 0.340 ng/u1

RT: 22.734 min Scan# 4624

Delta R.T. -0.005 min

Lab File: BN018247.D

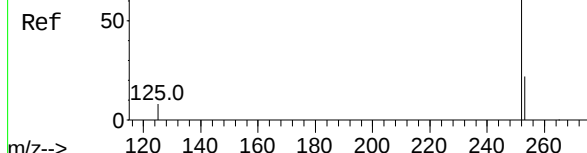
Acq: 28 Dec 2021 20:29

Instrument :

BNA_N

ClientSampleId :

SLCS664



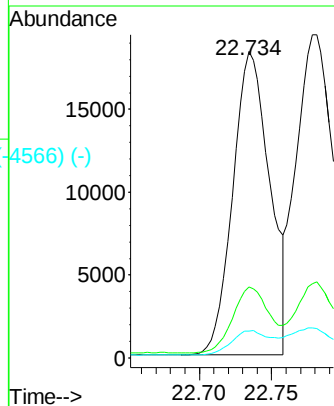
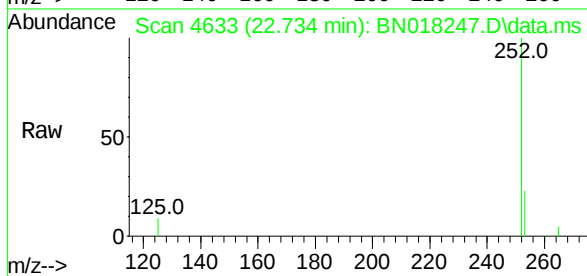
Tgt Ion:252 Resp: 32475

Ion Ratio Lower Upper

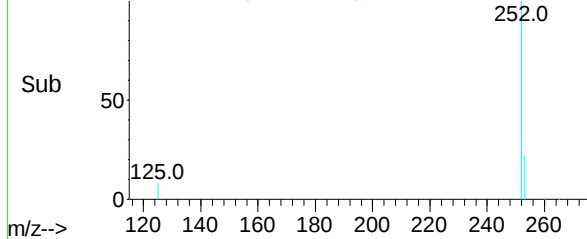
252 100

253 23.2 0.0 46.4

125 8.8 0.0 17.8



Abundance Scan 4633 (22.734 min): BN018247.D\data.ms (-4566) (-)



Abundance Scan 4648 (22.777 min): BN018232.D\data.ms (-4625) (-)

Benzo(k)fluoranthene

Concen: 0.378 ng/u1

RT: 22.781 min Scan# 4649

Delta R.T. -0.002 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

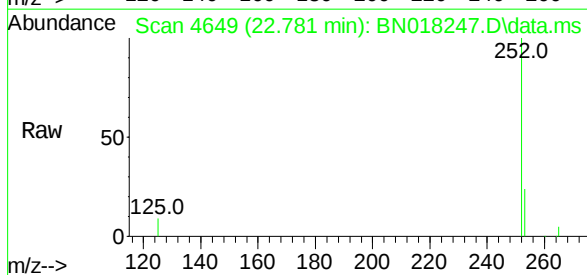
Tgt Ion:252 Resp: 41178

Ion Ratio Lower Upper

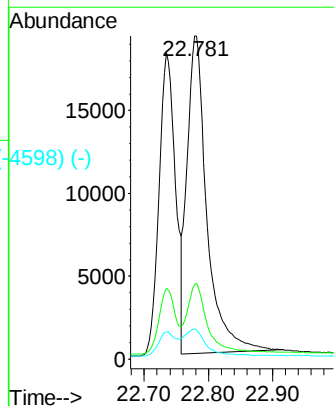
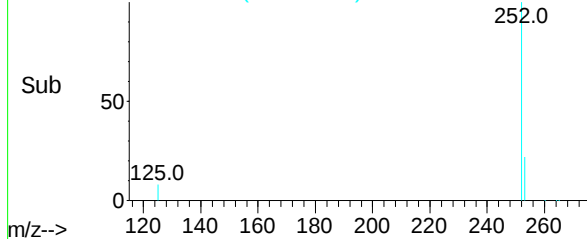
252 100

253 23.6 18.6 28.0

125 9.0 7.3 10.9



Abundance Scan 4649 (22.781 min): BN018247.D\data.ms (-4598) (-)



Abundance Scan 4829 (23.306 min): BN018232.D\data.ms (-4829) (-)

Benzo(a)pyrene

Concen: 0.334 ng/u1

RT: 23.307 min Scan# 4829

Delta R.T. -0.002 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

Instrument :

BNA_N

ClientSampleId :

SLCS664

Tgt Ion:252 Resp: 30257

Ion Ratio Lower Upper

252 100

253 24.3 18.9 28.3

125 11.3 8.2 12.2

Abundance Scan 4829 (23.307 min): BN018247.D\data.ms

252.0

125.0

Ref 50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4829 (23.307 min): BN018247.D\data.ms

252.0

125.0

Ref 50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance Scan 4829 (23.307 min): BN018247.D\data.ms (-4795) (-)

252.0

125.0

Ref 50

0

m/z-->

120 140 160 180 200 220 240 260

Abundance

10000

8000

6000

4000

2000

0

Time-->

23.20 23.40

Abundance Scan 5604 (25.655 min): BN018232.D\data.ms (-5627) (-)

Indeno(1,2,3-cd)pyrene

Concen: 0.345 ng/u1

RT: 25.657 min Scan# 5604

Delta R.T. -0.008 min

Lab File: BN018247.D

Acq: 28 Dec 2021 20:29

Tgt Ion:276 Resp: 39695

Ion Ratio Lower Upper

276 100

138 21.1 16.5 24.7

227 0.2 0.1 0.1#

Abundance Scan 5604 (25.657 min): BN018247.D\data.ms

276.0

138.0

Ref 50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5604 (25.657 min): BN018247.D\data.ms

276.0

138.0

Ref 50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance Scan 5604 (25.657 min): BN018247.D\data.ms (-5547) (-)

276.0

138.0

Ref 50

0

m/z-->

140 160 180 200 220 240 260 280

Abundance

10000

8000

6000

4000

2000

0

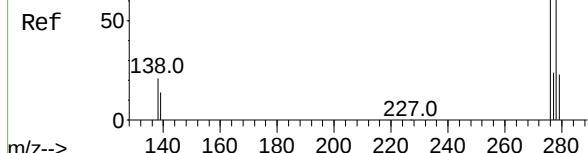
Time-->

25.60 25.80

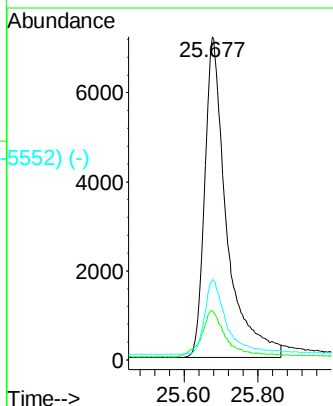
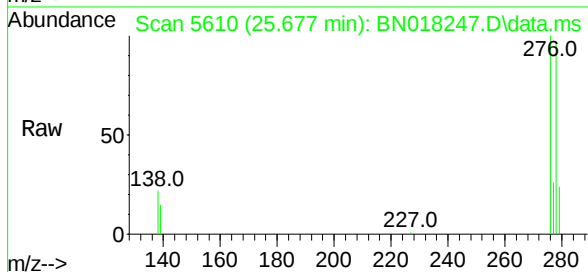
Abundance Scan 5610 (25.675 min): BN018232.D\data.ms (-5523) (-)

Dibenzo(a,h)anthracene
Concen: 0.335 ng/u1
RT: 25.677 min Scan# 5523
Delta R.T. -0.005 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

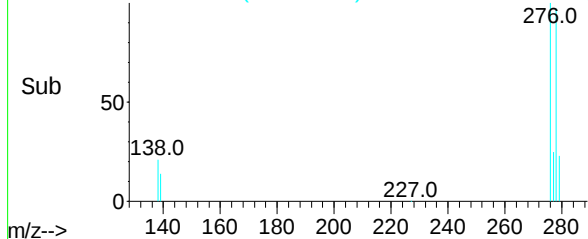
Instrument :
BNA_N
ClientSampleId :
SLCS664



Tgt Ion:	278	Resp:	29809
Ion Ratio	Lower	Upper	
278	100		
139	15.2	11.9	17.9
279	25.0	19.5	29.3



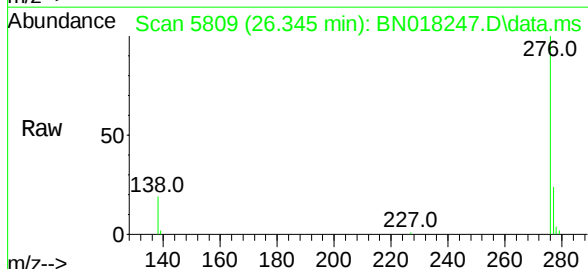
Abundance Scan 5610 (25.677 min): BN018247.D\data.ms (-5552) (-)



Abundance Scan 5810 (26.346 min): BN018232.D\data.ms (-5723) (-)

Benzo(g,h,i)perylene
Concen: 0.350 ng/u1
RT: 26.345 min Scan# 5809
Delta R.T. -0.008 min
Lab File: BN018247.D
Acq: 28 Dec 2021 20:29

Tgt Ion:	276	Resp:	34330
Ion Ratio	Lower	Upper	
276	100		
138	18.6	14.4	21.6
277	24.0	19.2	28.8



Abundance Scan 5809 (26.345 min): BN018247.D\data.ms (-5752) (-)

