

Data File : BN004118.D
Acq On : 19 Dec 2018 17:53
Operator : JU/SJ
Sample : J6297-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E36

Quant Time: Dec 20 05:52:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1281	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4238	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	606554	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.72	264	12197	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2430	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

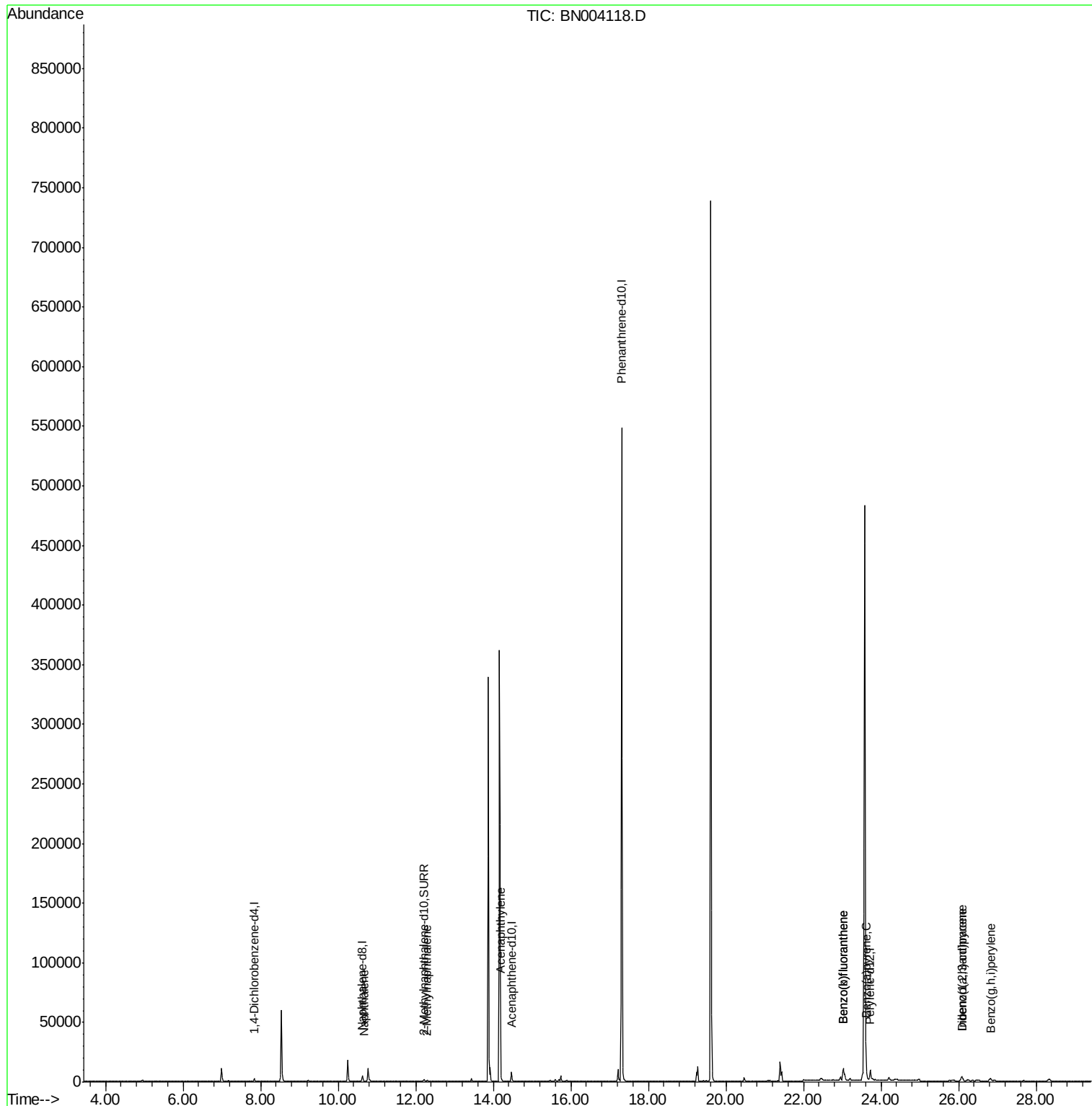
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	388	0.021	ng/ul#	54
5) 2-Methylnaphthalene	12.29	142	585	0.044	ng/ul	98
7) Acenaphthylene	14.19	152	2263	0.119	ng/ul#	92
21) Benzo(b)fluoranthene	23.02	252	21864	0.433	ng/ul	93
22) Benzo(k)fluoranthene	23.02	252	21841	0.444	ng/ul#	93
23) Benzo(a)pyrene	23.62	252	6898	0.158	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.08	276	6768	0.135	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.08	278	1768	0.044	ng/ul#	42
26) Benzo(g,h,i)perylene	26.82	276	5658	0.130	ng/ul#	88

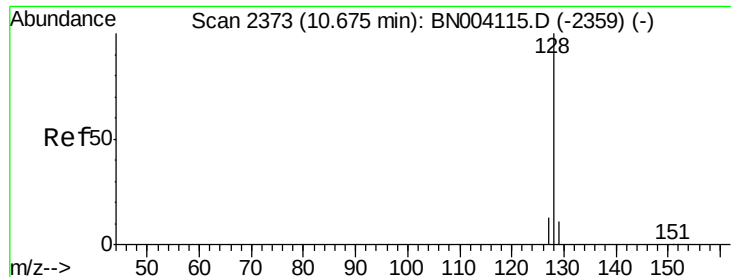
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 05:52:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 05:49:27 2018
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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

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Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9E36

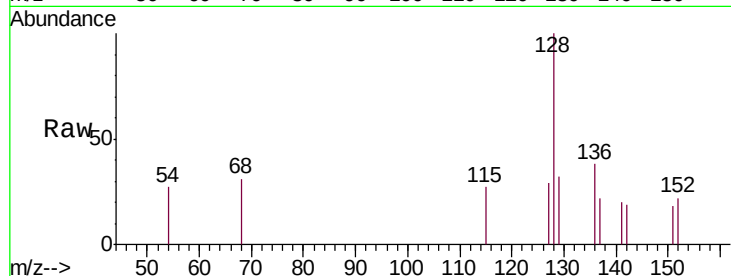
Tgt Ion:128 Resp: 388

Ion Ratio Lower Upper

128 100

129 32.0 9.0 13.6#

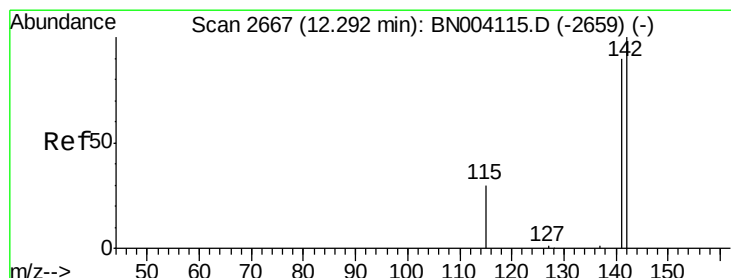
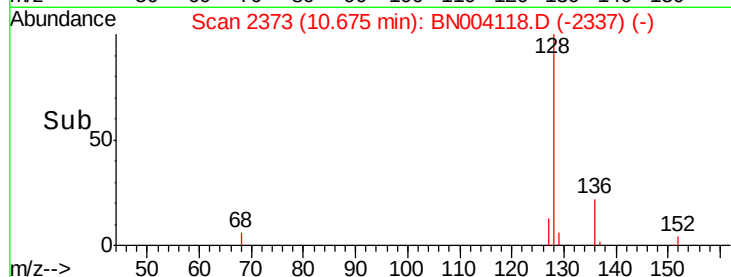
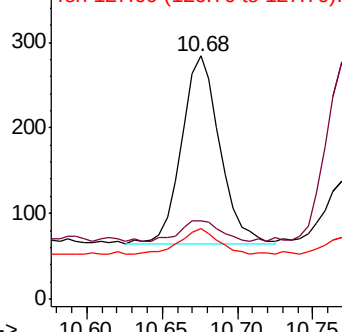
127 28.9 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.044 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004118.D

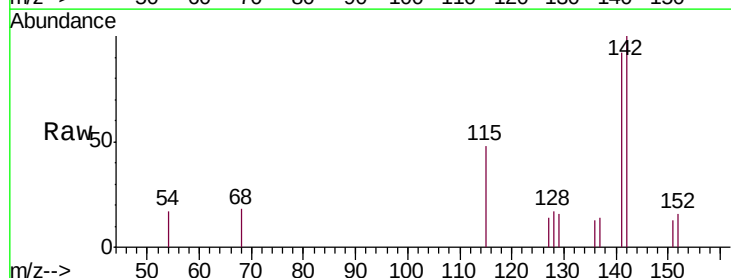
Acq: 19 Dec 2018 17:53

Tgt Ion:142 Resp: 585

Ion Ratio Lower Upper

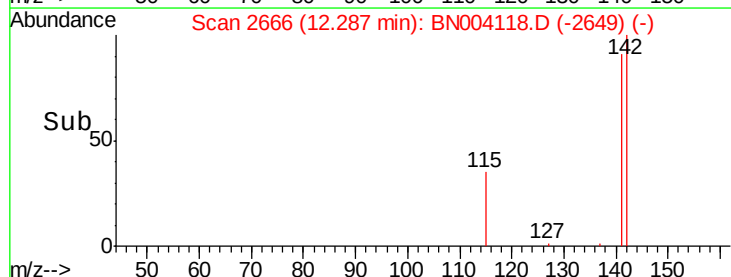
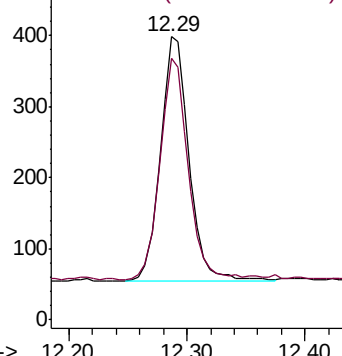
142 100

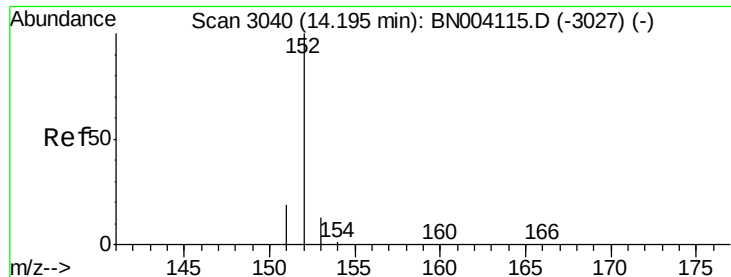
141 91.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.119 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9E36

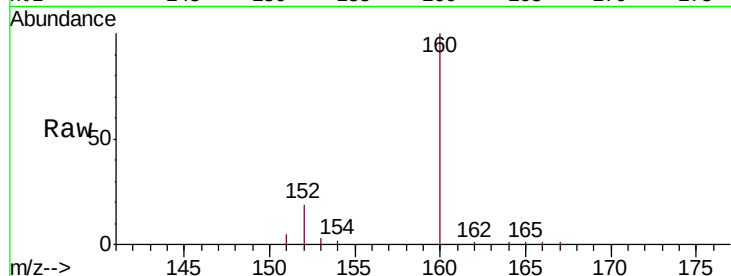
Tgt Ion:152 Resp: 2263

Ion Ratio Lower Upper

152 100

151 23.4 15.9 23.9

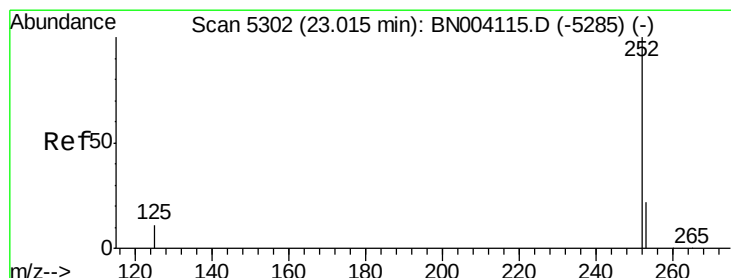
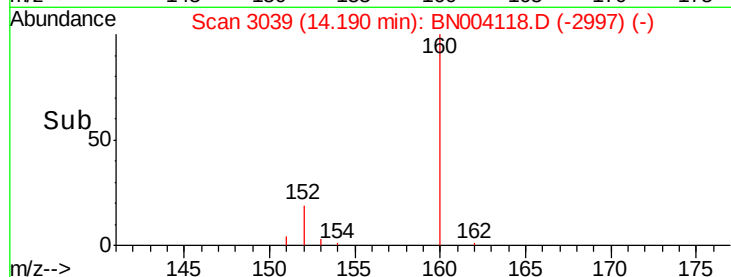
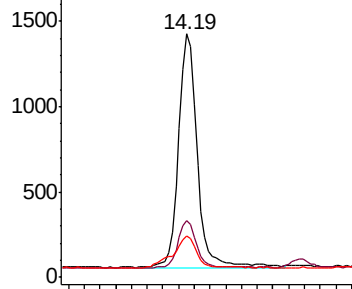
153 17.2 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#21

Benzo(b)fluoranthene

Concen: 0.433 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.01 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

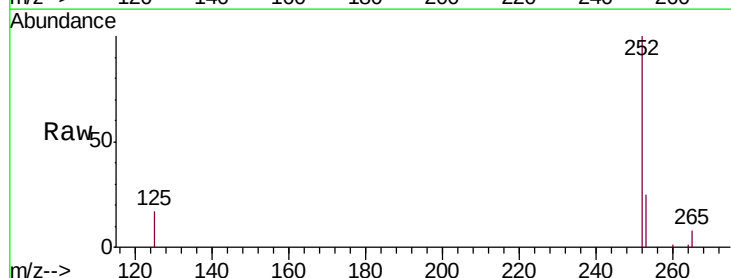
Tgt Ion:252 Resp: 21864

Ion Ratio Lower Upper

252 100

253 25.1 0.0 46.0

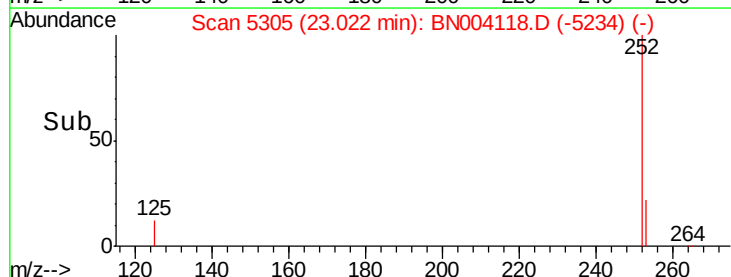
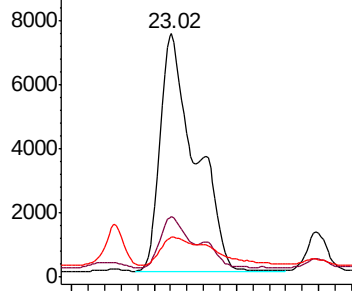
125 16.5 0.0 22.4

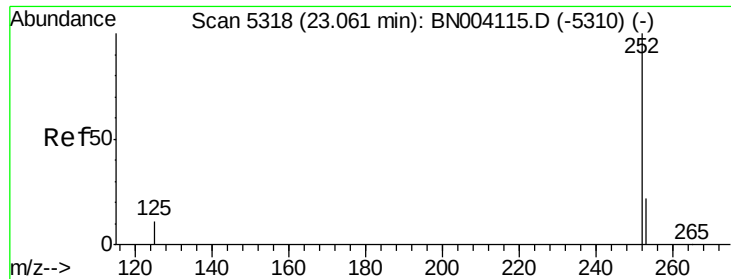


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.444 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.04 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9E36

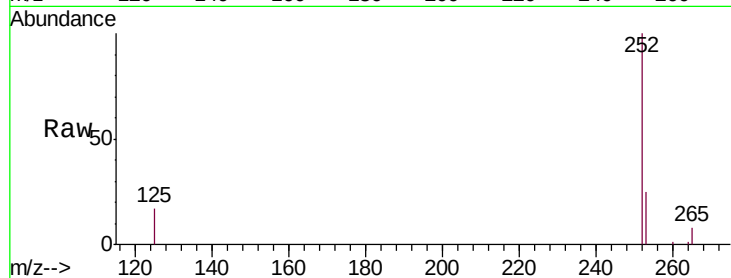
Tgt Ion:252 Resp: 21841

Ion Ratio Lower Upper

252 100

253 25.1 18.5 27.7

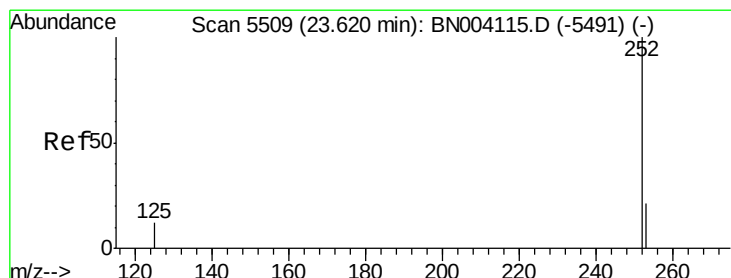
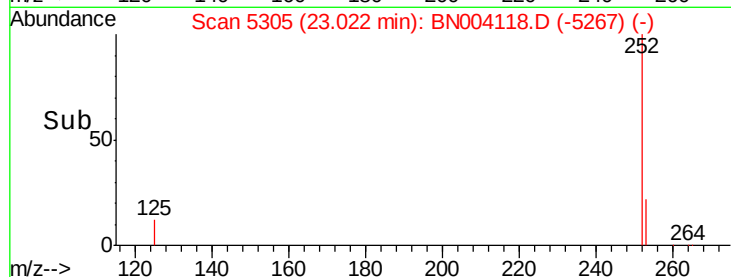
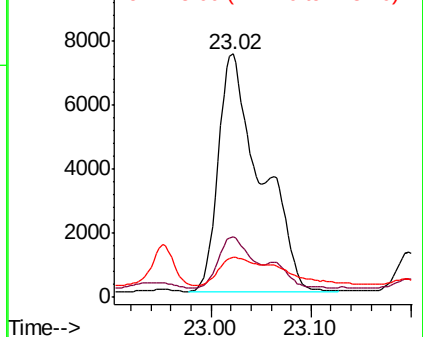
125 16.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.158 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. 0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

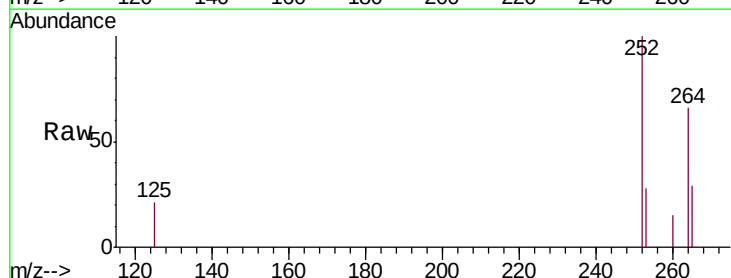
Tgt Ion:252 Resp: 6898

Ion Ratio Lower Upper

252 100

253 28.2 19.0 28.4

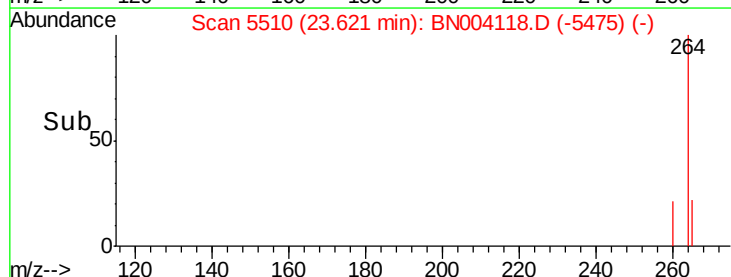
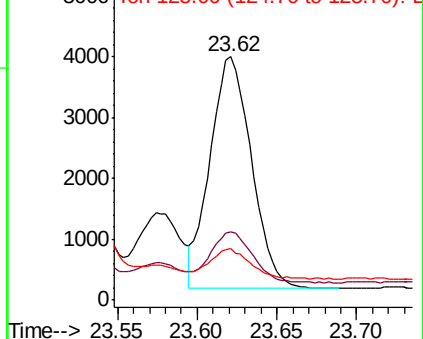
125 21.0 10.2 15.4#

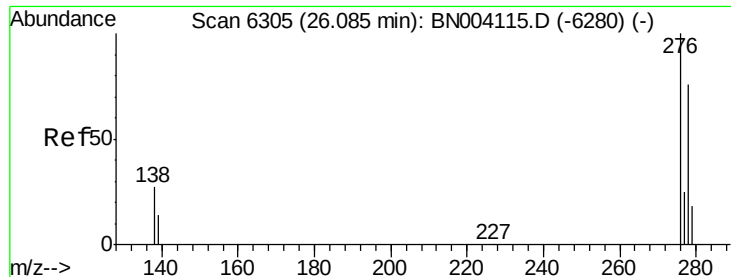


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.135 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9E36

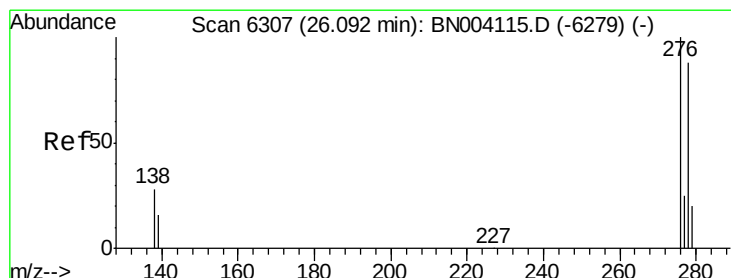
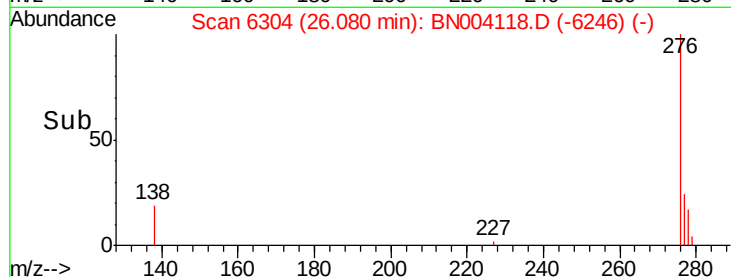
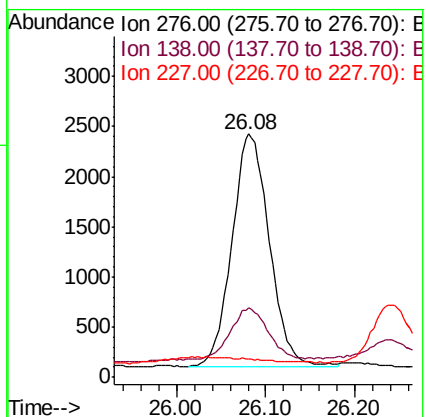
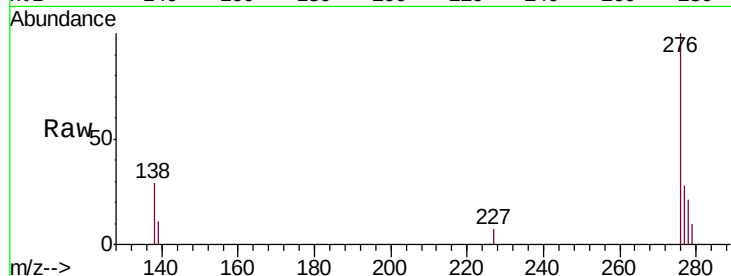
Tgt Ion:276 Resp: 6768

Ion Ratio Lower Upper

276 100

138 23.0 20.3 30.5

227 0.0 0.2 0.2#



#25

Dibenzo(a,h)anthracene

Concen: 0.044 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

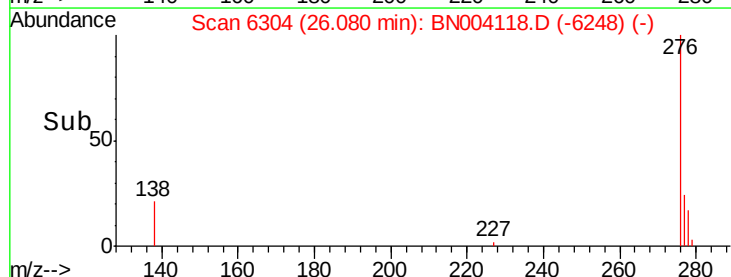
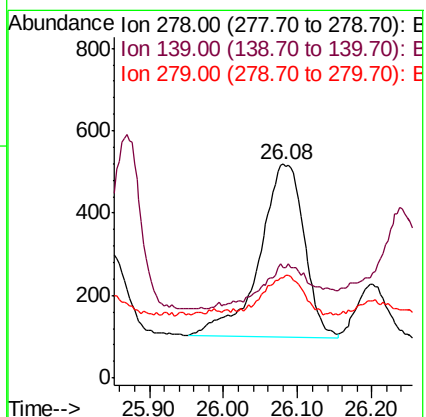
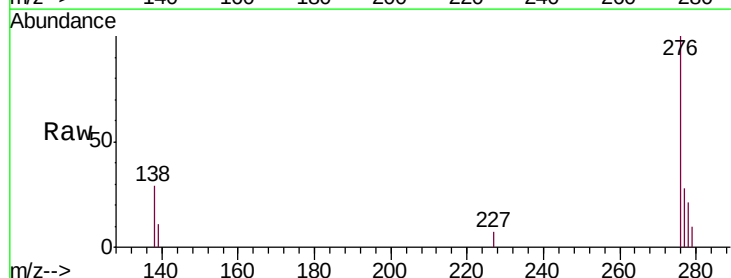
Tgt Ion:278 Resp: 1768

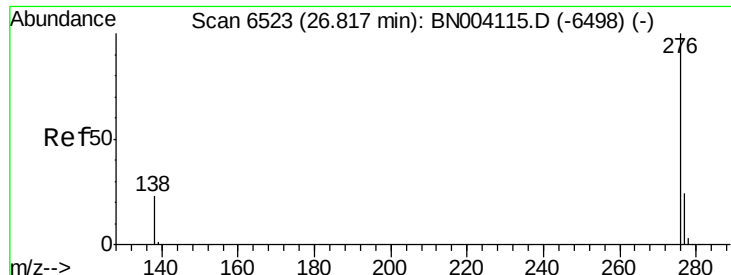
Ion Ratio Lower Upper

278 100

139 51.7 14.2 21.4#

279 46.7 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 0.130 ng/ul

RT: 26.82 min Scan# 6524

Delta R.T. 0.00 min

Lab File: BN004118.D

Acq: 19 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9E36

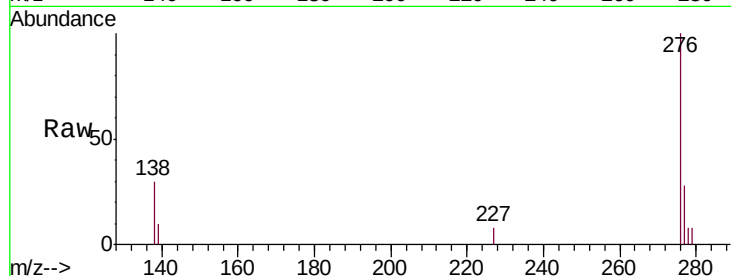
Tgt Ion: 276 Resp: 5658

Ion Ratio Lower Upper

276 100

138 30.1 17.7 26.5#

277 27.8 19.3 28.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

