

Data File : BN004048.D
Acq On : 17 Dec 2018 22:31
Operator : JU/SJ
Sample : J6236-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E23

Quant Time: Dec 18 04:34:14 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 : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1494	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5111	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	792895	0.40	ng/ul	0.10
16) Chrysene-d12	21.56	240	9	0.40	ng/ul	0.15
20) Perylene-d12	23.95	264	6	0.40	ng/ul	0.22

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3644	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

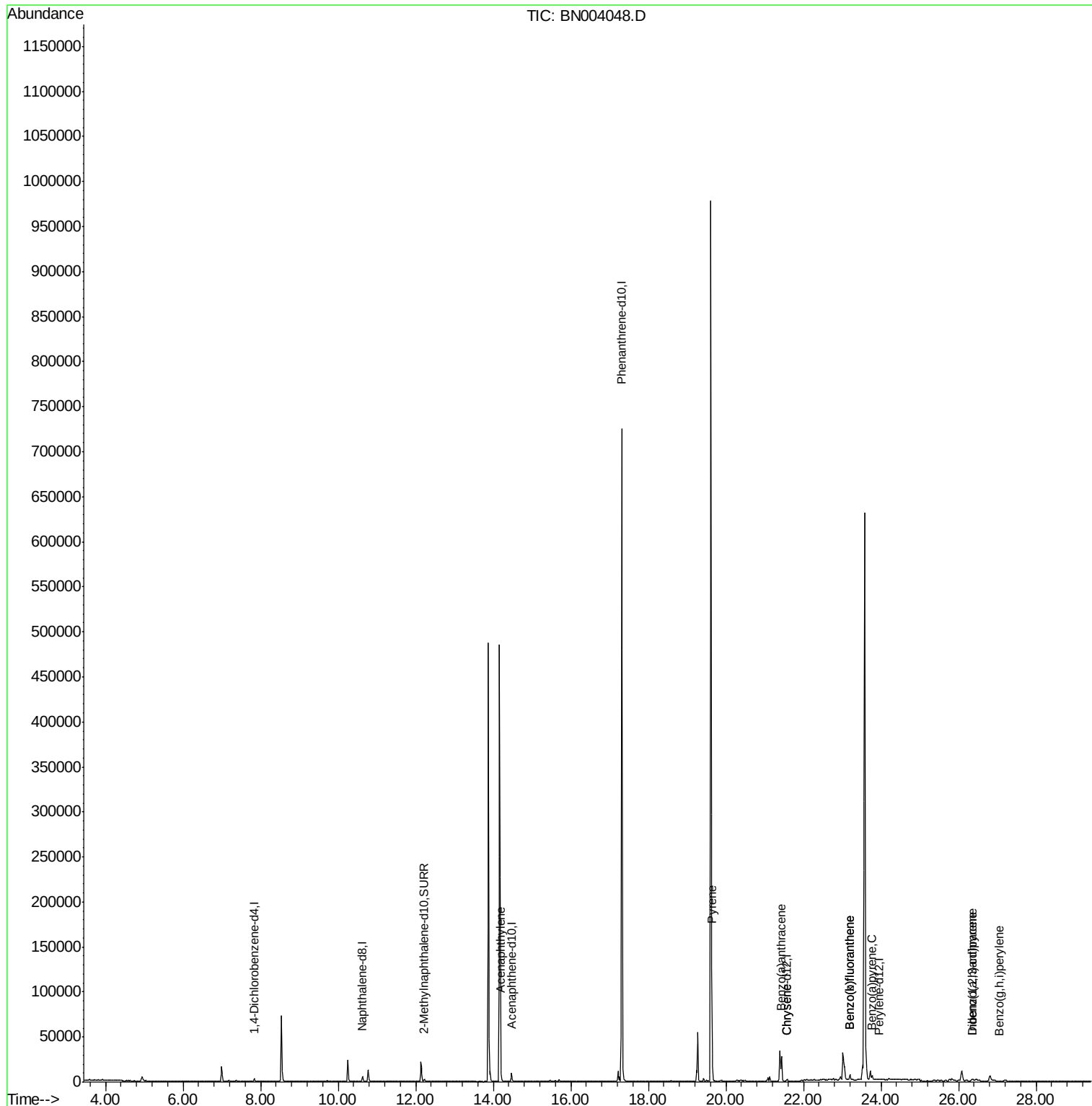
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	8720	0.379	ng/ul	99
17) Pyrene	19.64	202	44694	1384.599	ng/ul	97
18) Benzo(a)anthracene	21.44	228	30563	1075.169	ng/ul	93
19) Chrysene	21.58	228	2441	75.037	ng/ul#	81
21) Benzo(b)fluoranthene	23.20	252	7730	311.447	ng/ul#	76
22) Benzo(k)fluoranthene	23.20	252	7730	319.684	ng/ul#	76
23) Benzo(a)pyrene	23.77	252	5610	261.020	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	26.36	276	656	26.616	ng/ul#	23
25) Dibenzo(a,h)anthracene	26.36	278	2607	131.422	ng/ul#	60
26) Benzo(g,h,i)perylene	27.05	276	305	14.238	ng/ul#	1

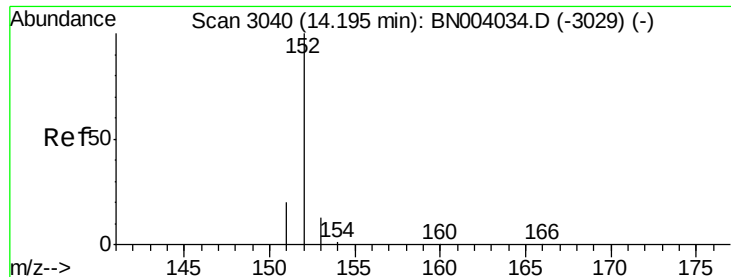
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.379 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

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BNA_N

ClientSampleId :

F9E23

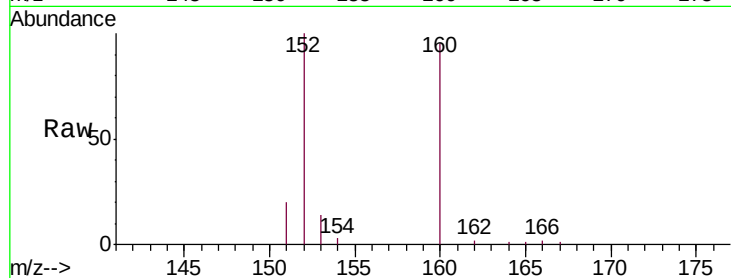
Tgt Ion:152 Resp: 8720

Ion Ratio Lower Upper

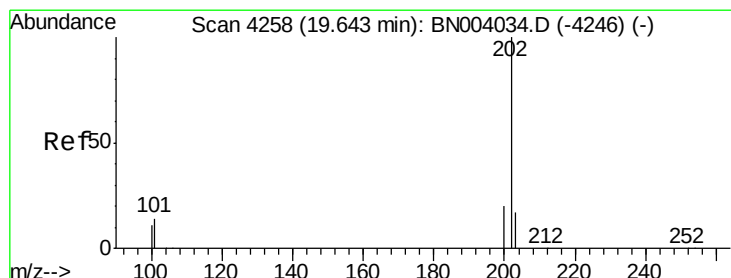
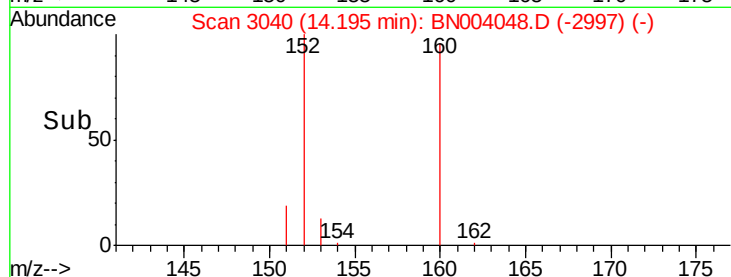
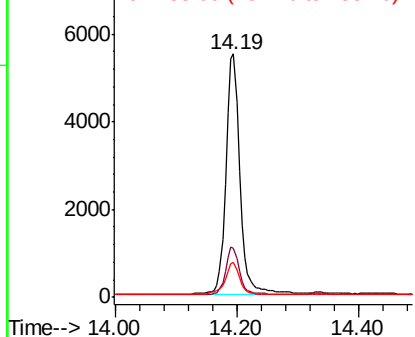
152 100

151 20.3 15.9 23.9

153 14.3 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



#17

Pyrene

Concen: 1384.599 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

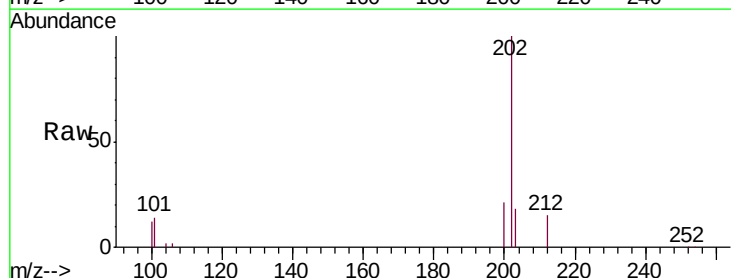
Tgt Ion:202 Resp: 44694

Ion Ratio Lower Upper

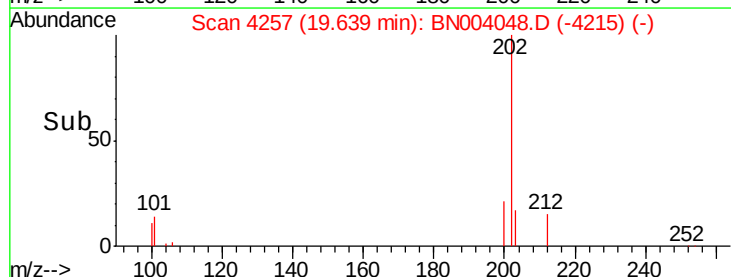
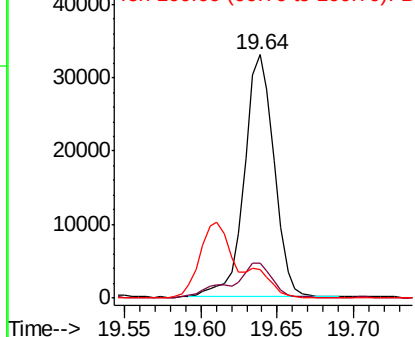
202 100

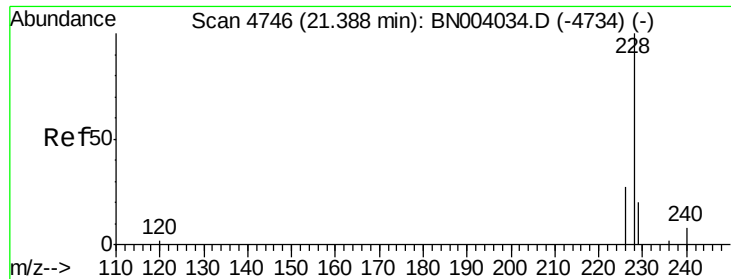
101 14.3 10.3 15.5

100 11.5 8.5 12.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1075.169 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.05 min

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Acq: 17 Dec 2018 22:31

Instrument :

BNA_N

ClientSampleId :

F9E23

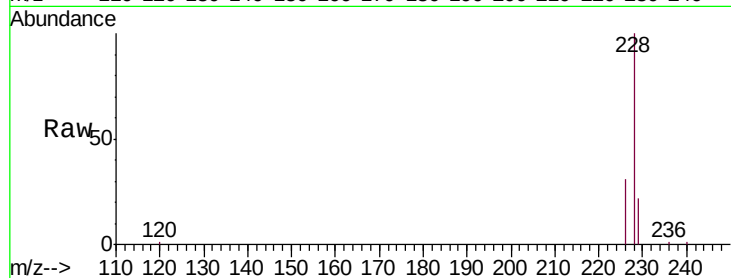
Tgt Ion:228 Resp: 30563

Ion Ratio Lower Upper

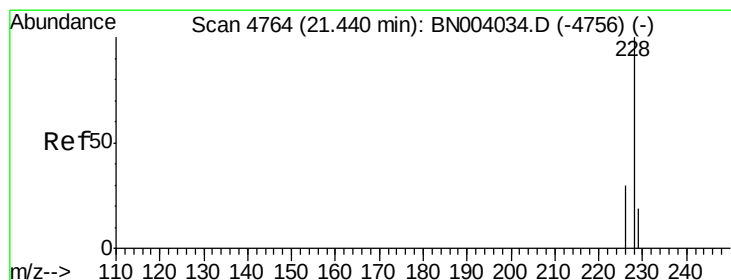
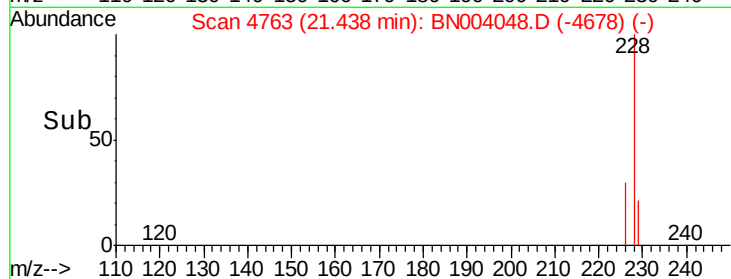
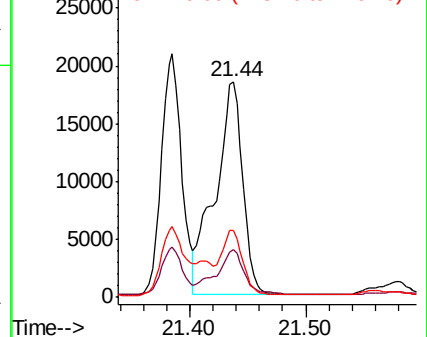
228 100

229 22.0 15.6 23.4

226 30.9 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 75.037 ng/ul

RT: 21.58 min Scan# 4811

Delta R.T. 0.14 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

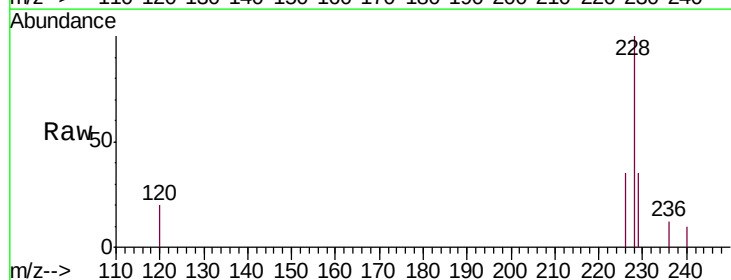
Tgt Ion:228 Resp: 2441

Ion Ratio Lower Upper

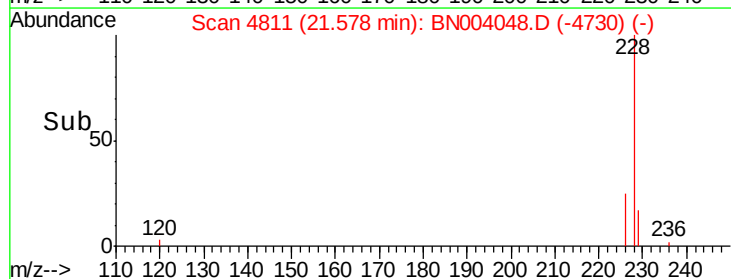
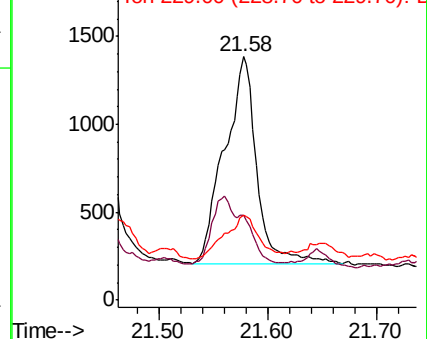
228 100

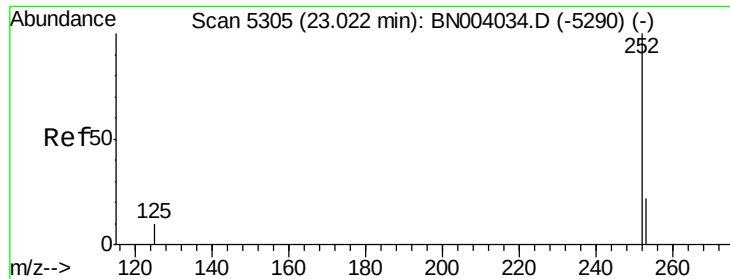
226 35.0 24.0 36.0

229 34.8 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 311.447 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.18 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

Instrument :

BNA_N

ClientSampleId :

F9E23

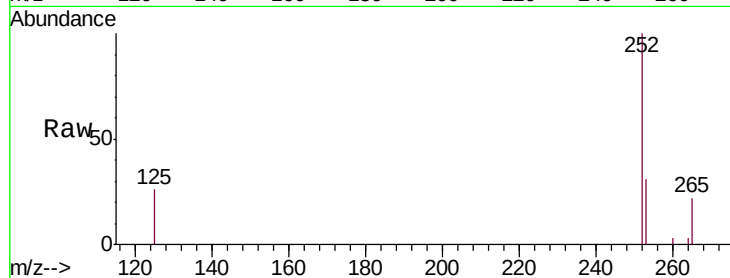
Tgt Ion:252 Resp: 7730

Ion Ratio Lower Upper

252 100

253 31.4 0.0 46.0

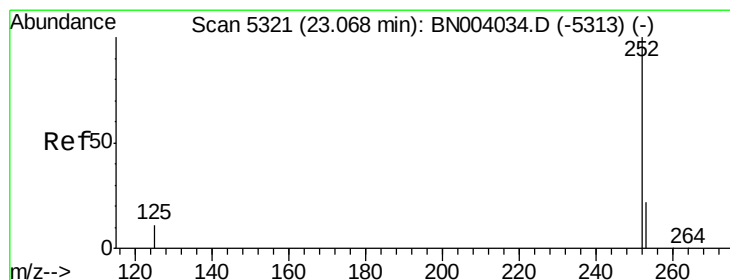
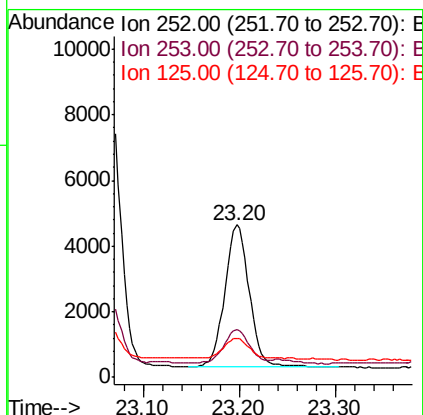
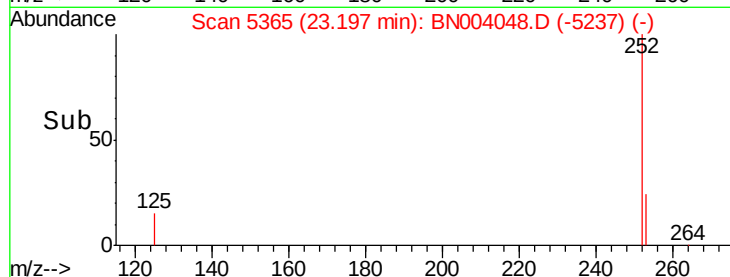
125 25.8 0.0 22.4#



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: 319.684 ng/ul

RT: 23.20 min Scan# 5365

Delta R.T. 0.13 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

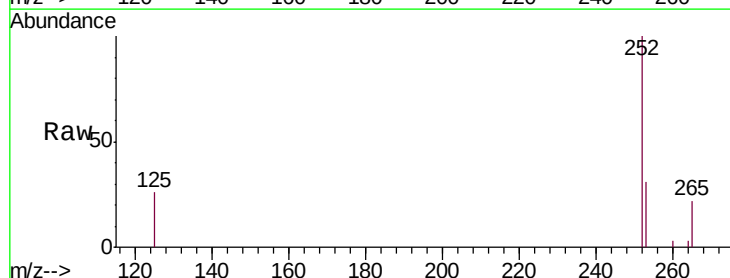
Tgt Ion:252 Resp: 7730

Ion Ratio Lower Upper

252 100

253 31.4 18.5 27.7#

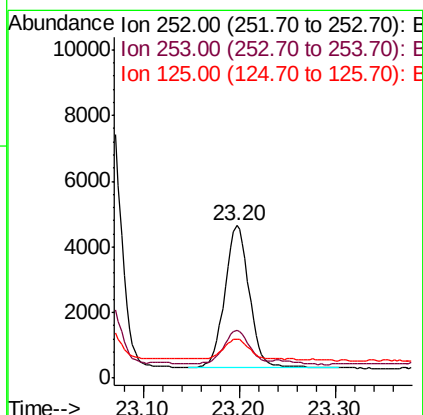
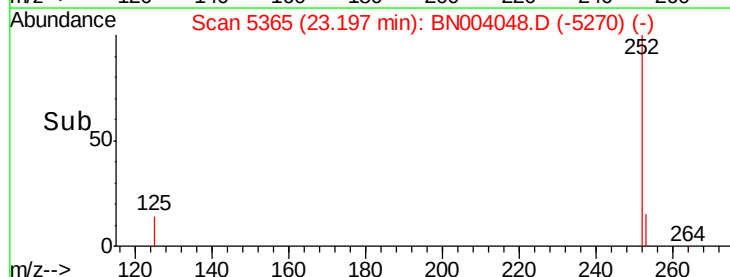
125 25.8 9.0 13.6#

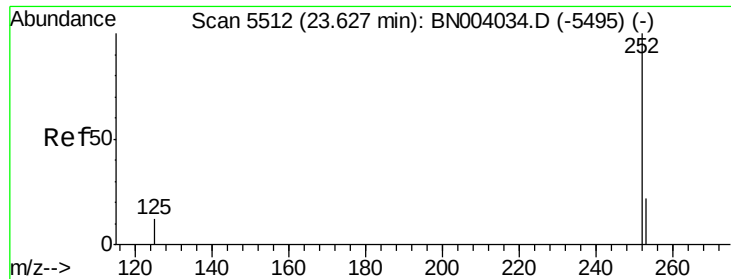


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 261.020 ng/ul

RT: 23.77 min Scan# 5561

Delta R.T. 0.14 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

Instrument :

BNA_N

ClientSampleId :

F9E23

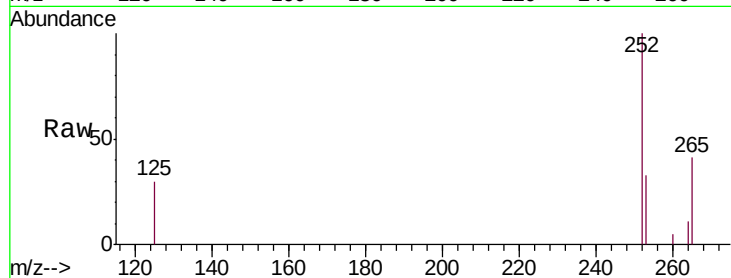
Tgt Ion:252 Resp: 5610

Ion Ratio Lower Upper

252 100

253 33.1 19.0 28.4#

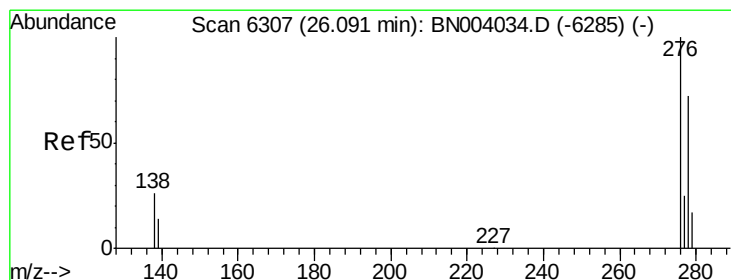
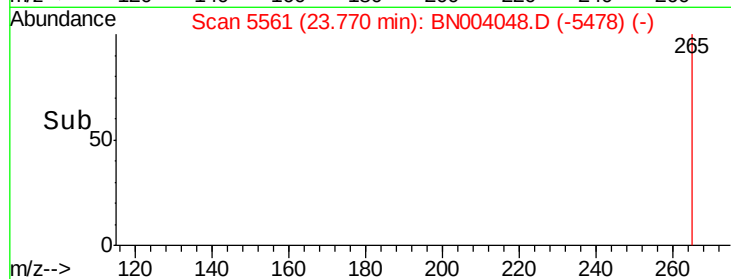
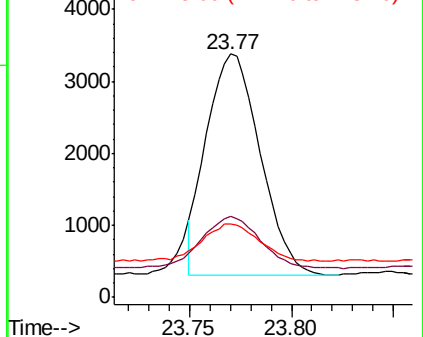
125 30.1 10.2 15.4#



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: 26.616 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. 0.27 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

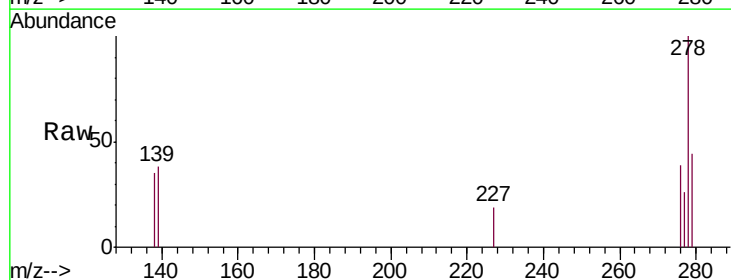
Tgt Ion:276 Resp: 656

Ion Ratio Lower Upper

276 100

138 64.5 20.3 30.5#

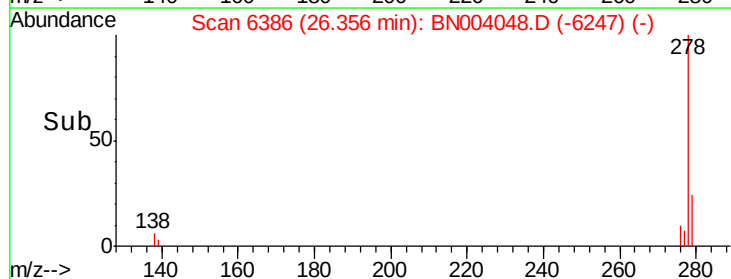
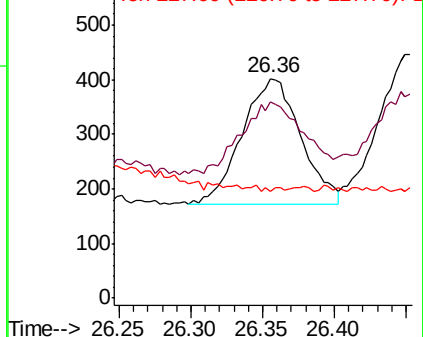
227 0.0 0.2 0.2#

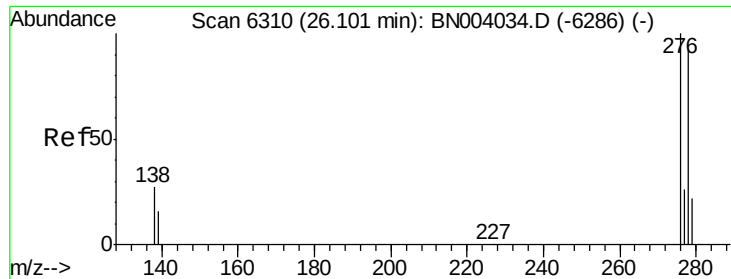


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 131.422 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

Instrument :

BNA_N

ClientSampled :

F9E23

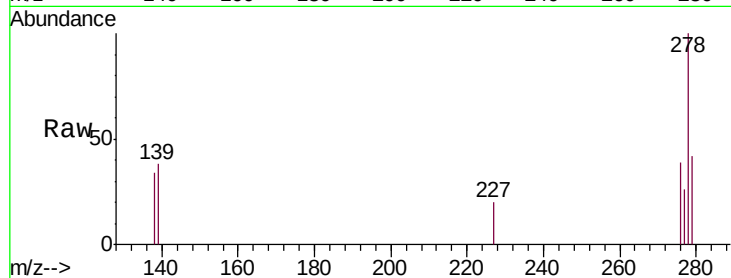
Tgt Ion:278 Resp: 2607

Ion Ratio Lower Upper

278 100

139 37.8 14.2 21.4#

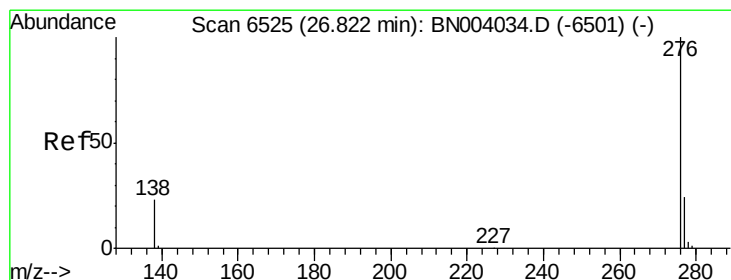
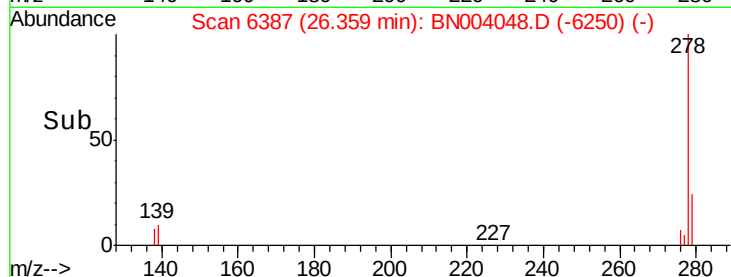
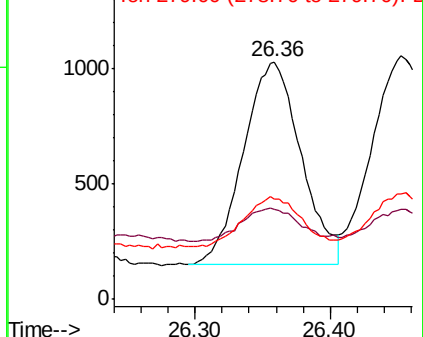
279 42.4 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 14.238 ng/ul

RT: 27.05 min Scan# 6593

Delta R.T. 0.23 min

Lab File: BN004048.D

Acq: 17 Dec 2018 22:31

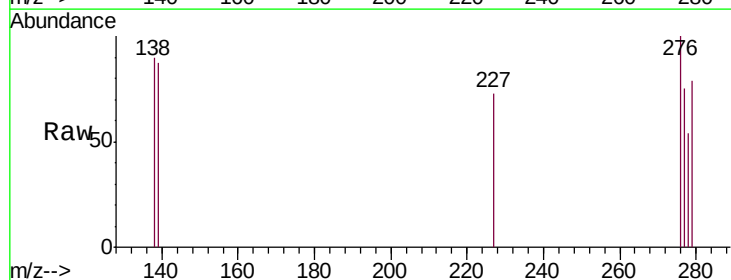
Tgt Ion:276 Resp: 305

Ion Ratio Lower Upper

276 100

138 89.6 17.7 26.5#

277 74.8 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

