

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002472.D
 Acq On : 23 Aug 2018 18:53
 Operator : JU/SJ
 Sample : J4421-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 00:55:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

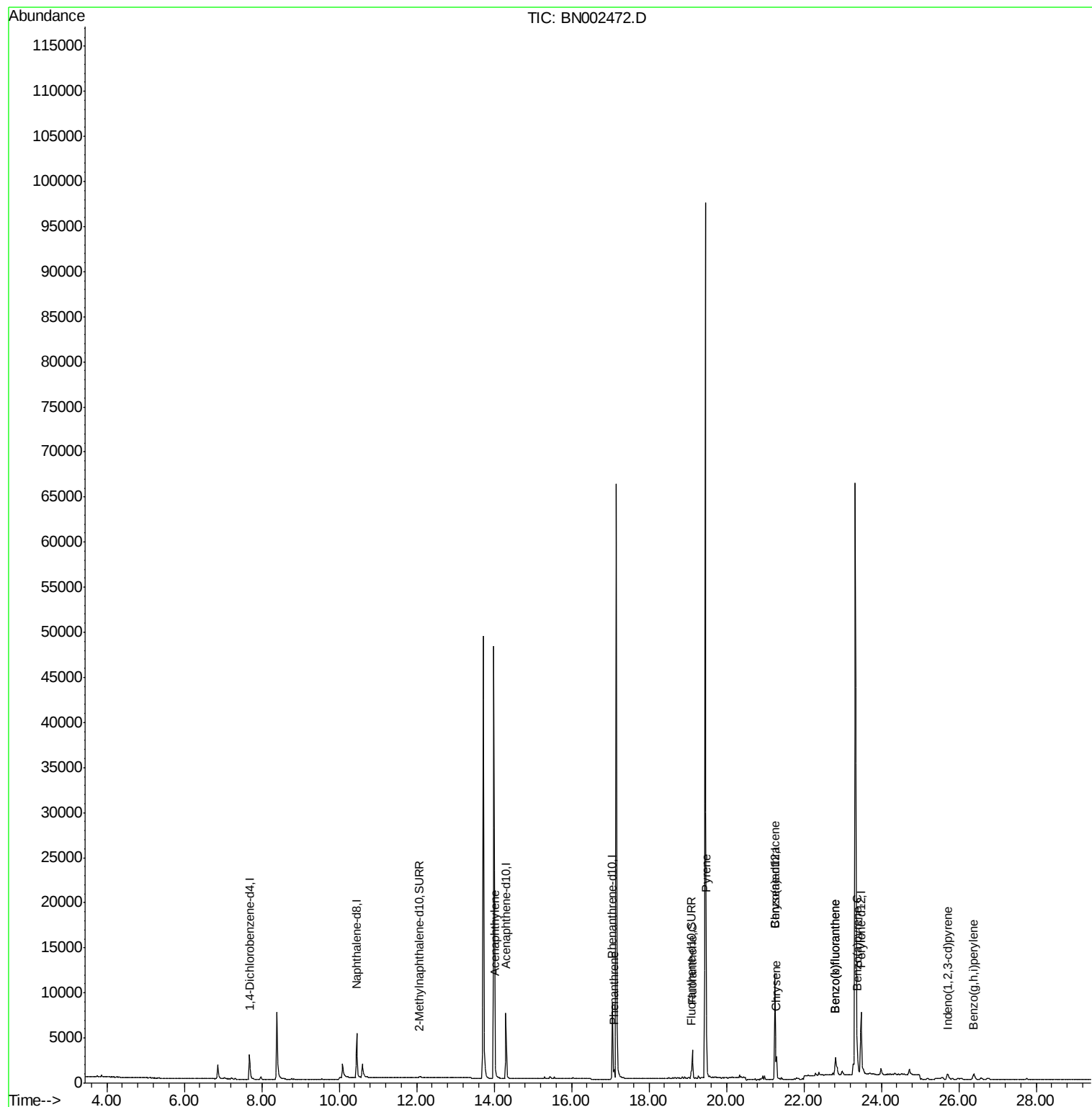
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	7194	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	4141	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	9942	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	10140	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	10027	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.08	152	371	0.03	ng/ul	0.03
14) Fluoranthene-d10	19.09	212	1044	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.03	152	566	0.029	ng/ul#	79
12) Phenanthrene	17.10	178	1030	0.035	ng/ul#	94
15) Fluoranthene	19.12	202	2901	0.084	ng/ul	97
17) Pyrene	19.48	202	5877	0.170	ng/ul	97
18) Benzo(a)anthracene	21.25	228	2382	0.079	ng/ul#	87
19) Chrysene	21.30	228	2832	0.083	ng/ul	94
21) Benzo(b)fluoranthene	22.82	252	3924	0.109	ng/ul	93
22) Benzo(k)fluoranthene	22.82	252	3924	0.105	ng/ul#	91
23) Benzo(a)pyrene	23.38	252	2569	0.076	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	25.71	276	1018	0.029	ng/ul#	79
26) Benzo(g,h,i)perylene	26.39	276	1401	0.046	ng/ul#	86

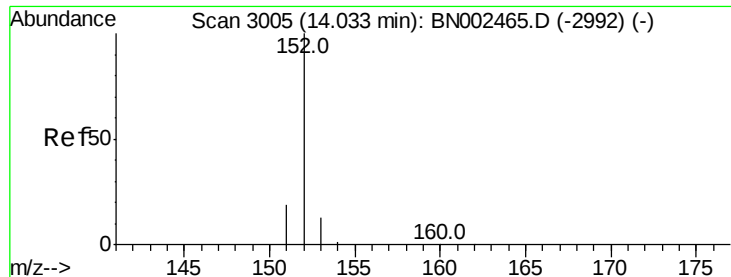
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.029 ng/ul

RT: 14.03 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

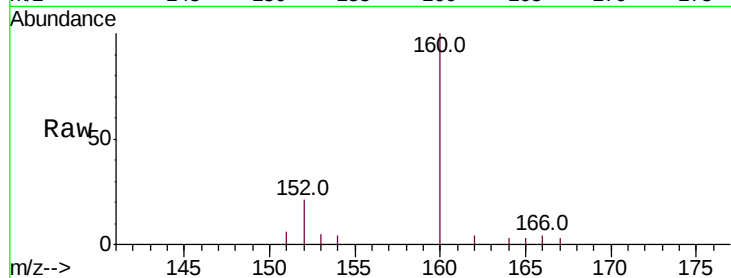
Tot Ion:152 Resp: 566

Ion Ratio Lower Upper

152 100

151 30.8 17.1 25.7#

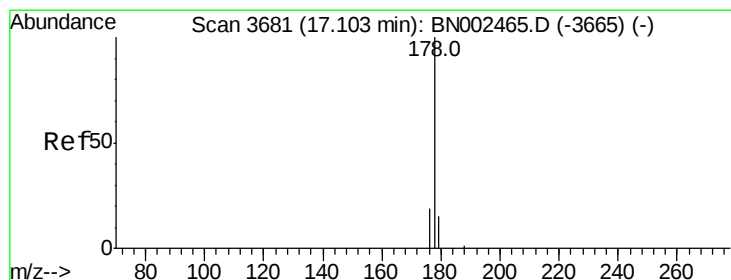
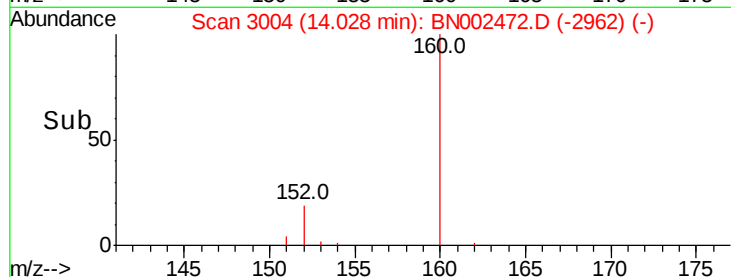
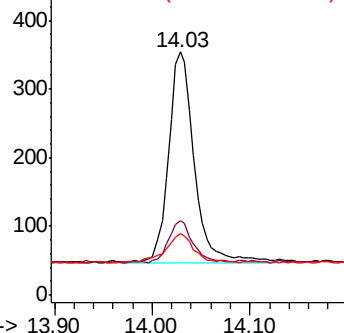
153 25.1 12.8 19.2#



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



#12

Phenanthrene

Concen: 0.035 ng/ul

RT: 17.10 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

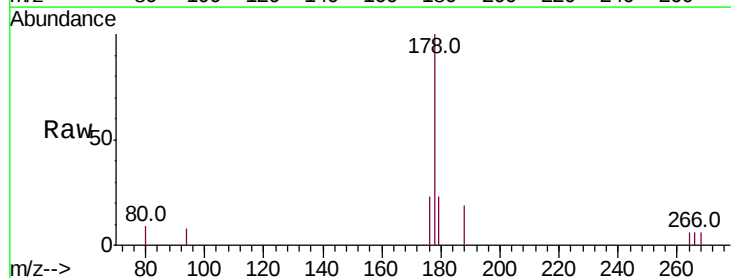
Tgt Ion:178 Resp: 1030

Ion Ratio Lower Upper

178 100

179 23.0 18.4 27.6

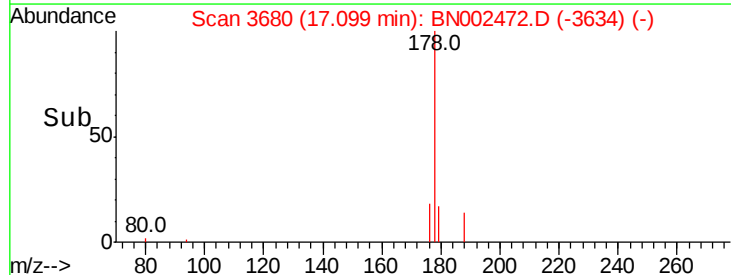
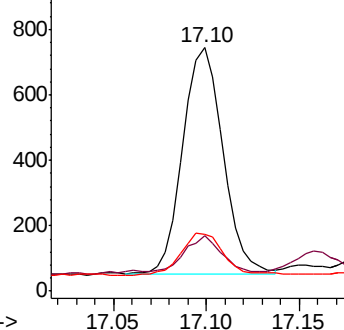
176 23.4 13.6 20.4#

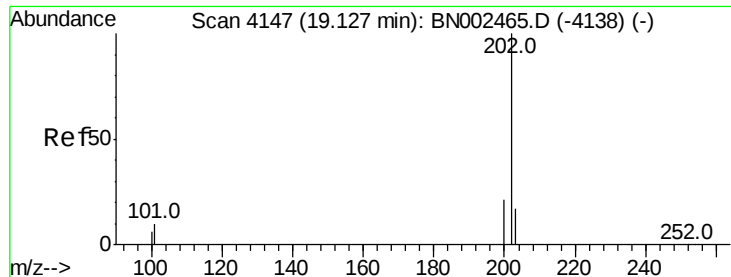


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.084 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN002472.D

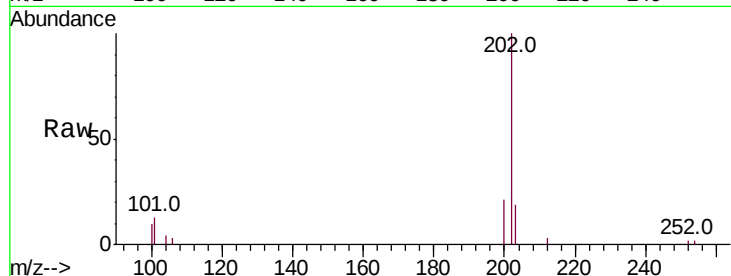
Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampled :

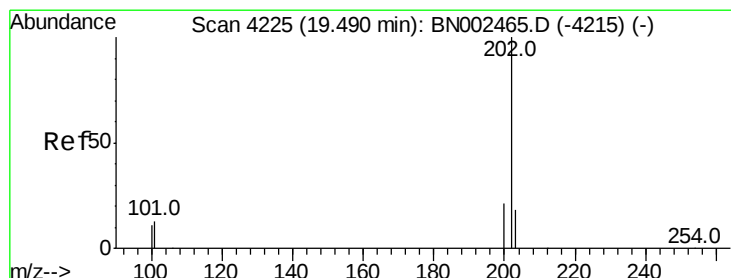
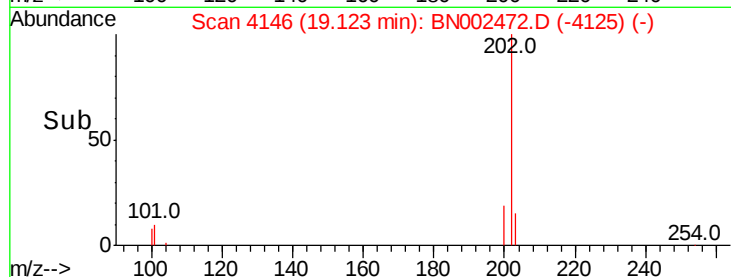
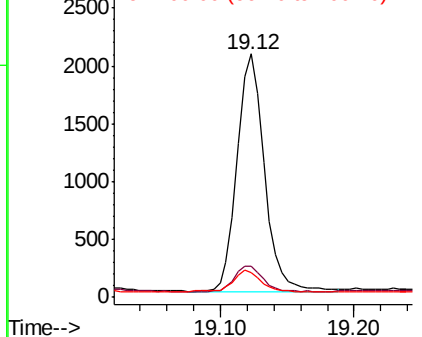
Tot Ion:	202	Resp:	2901
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.0
100	10.0	0.0	30.0



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



#17

Pyrene

Concen: 0.170 ng/ul

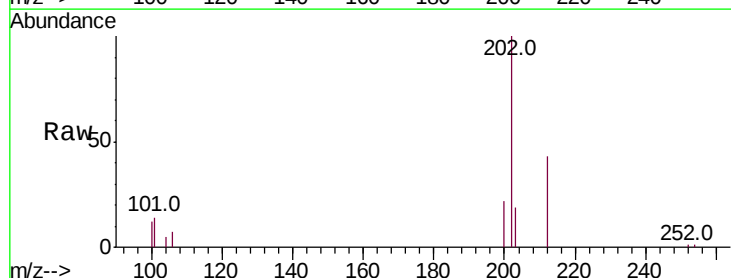
RT: 19.48 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

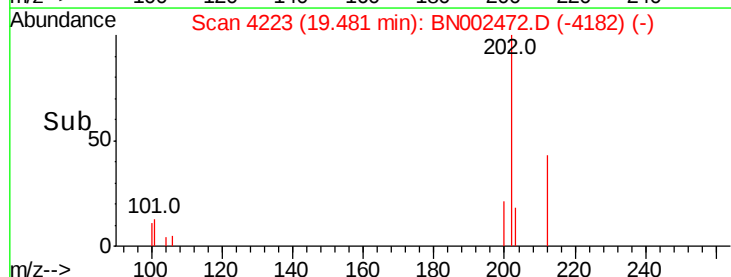
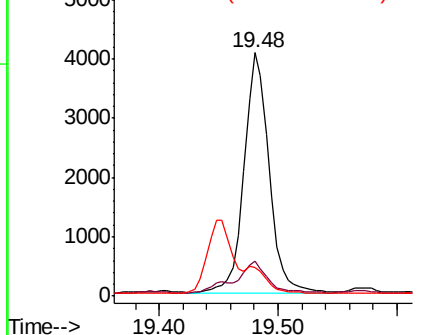
Tgt Ion:	202	Resp:	5877
Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.0	18.0
100	11.8	8.0	12.0

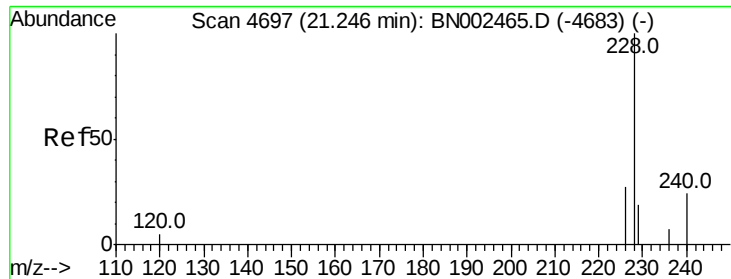


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.079 ng/ul

RT: 21.25 min Scan# 4697

Delta R.T. 0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

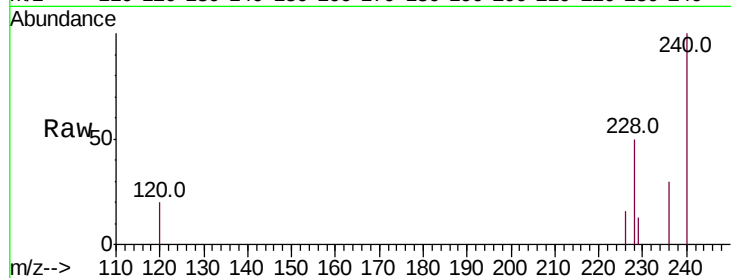
Tot Ion:228 Resp: 2382

Ion Ratio Lower Upper

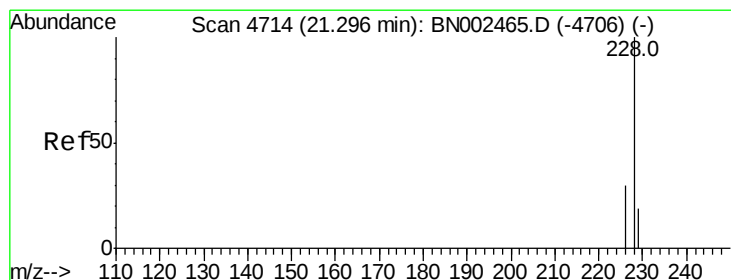
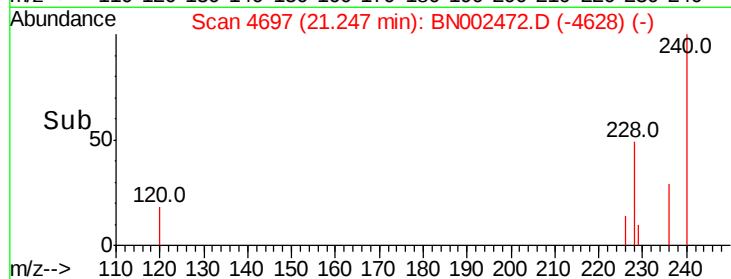
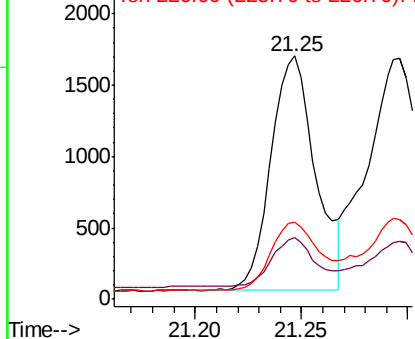
228 100

229 25.5 22.8 34.2

226 31.8 17.0 25.6#



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: 0.083 ng/ul

RT: 21.30 min Scan# 4714

Delta R.T. 0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

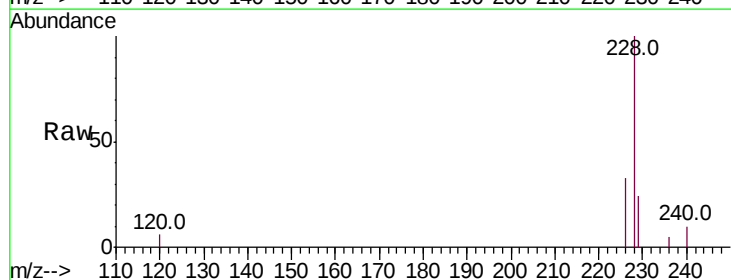
Tgt Ion:228 Resp: 2832

Ion Ratio Lower Upper

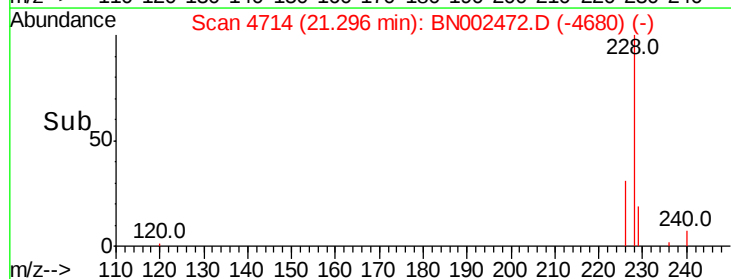
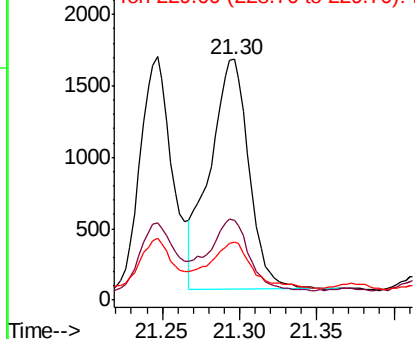
228 100

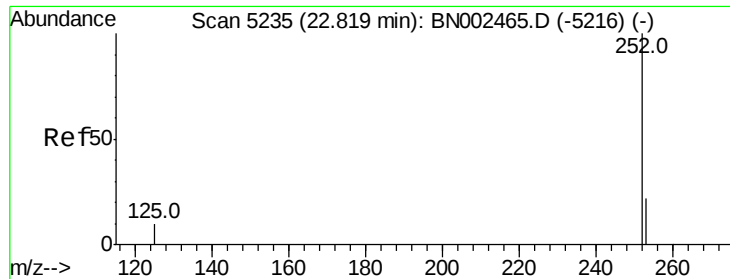
226 33.4 23.4 35.0

229 23.9 17.7 26.5



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: 0.109 ng/ul

RT: 22.82 min Scan# 5235

Delta R.T. 0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

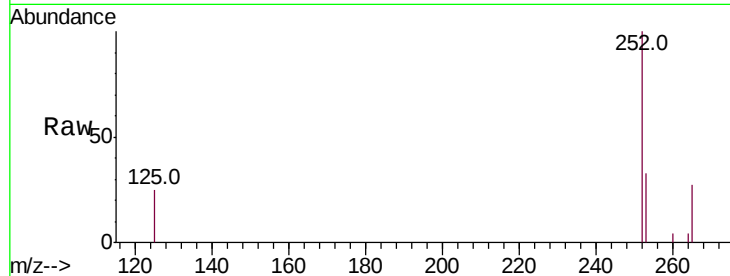
Tot Ion:252 Resp: 3924

Ion Ratio Lower Upper

252 100

253 32.7 0.0 64.2

125 25.2 0.0 35.0

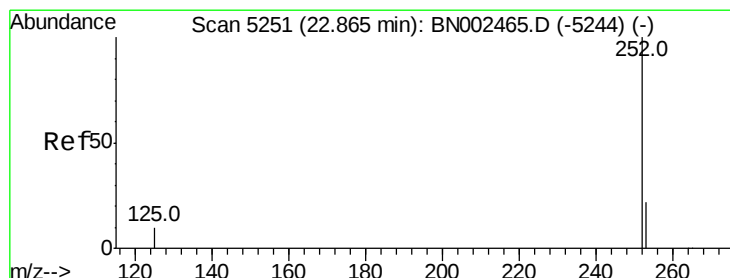
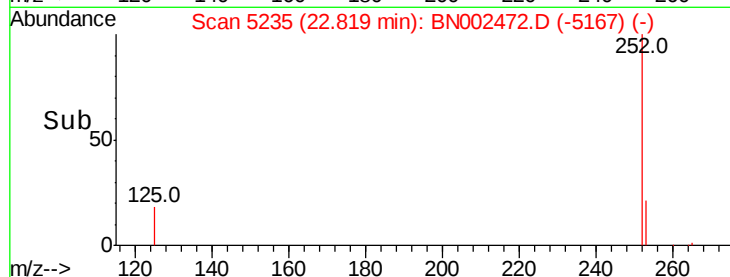
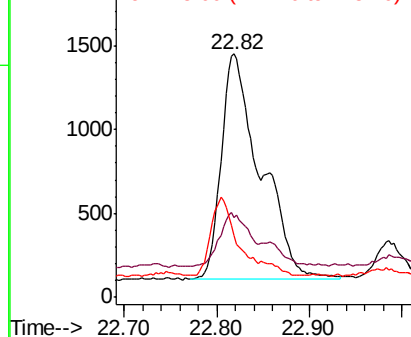


Abundance

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: 0.105 ng/ul

RT: 22.82 min Scan# 5235

Delta R.T. -0.05 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

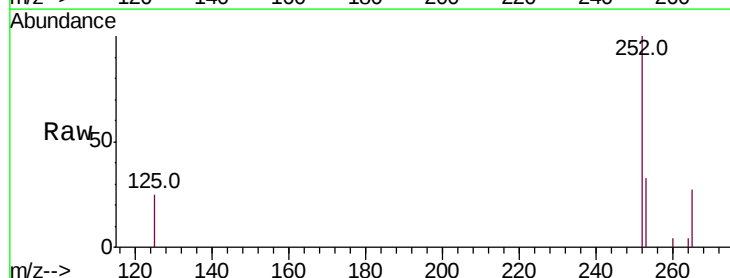
Tgt Ion:252 Resp: 3924

Ion Ratio Lower Upper

252 100

253 32.7 24.5 36.7

125 25.2 13.7 20.5#

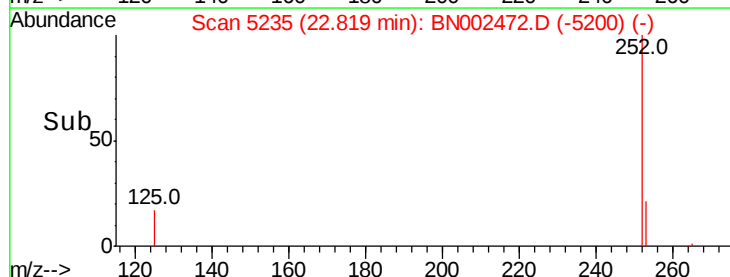
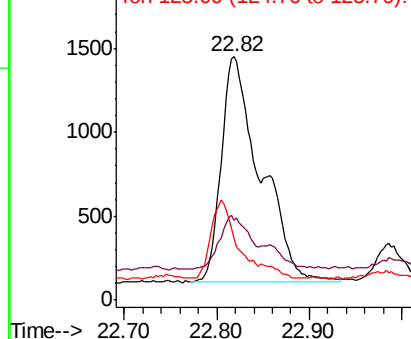


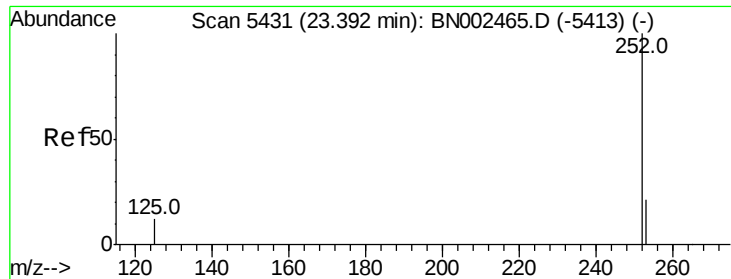
Abundance

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: 0.076 ng/ul

RT: 23.38 min Scan# 5426

Delta R.T. -0.01 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

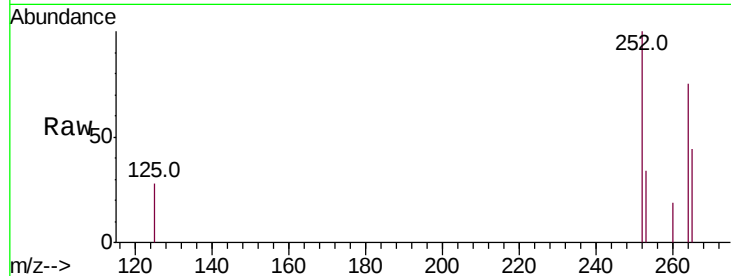
Tot Ion:252 Resp: 2569

Ion Ratio Lower Upper

252 100

253 34.5 16.0 24.0#

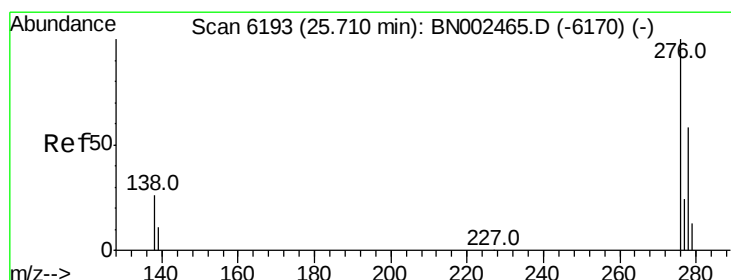
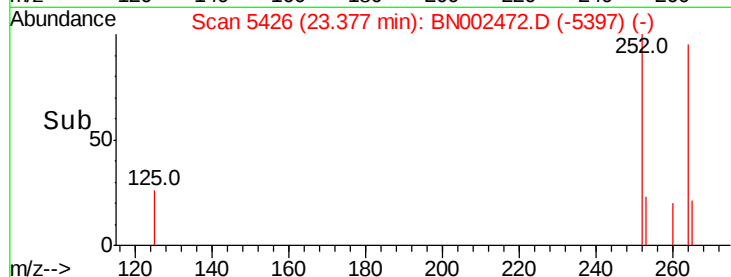
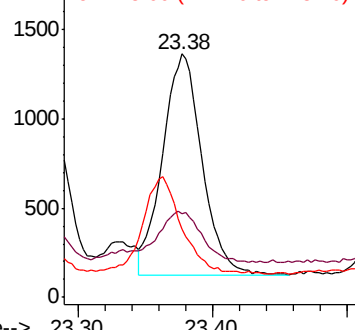
125 28.2 12.0 18.0#



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: 0.029 ng/ul

RT: 25.71 min Scan# 6193

Delta R.T. 0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

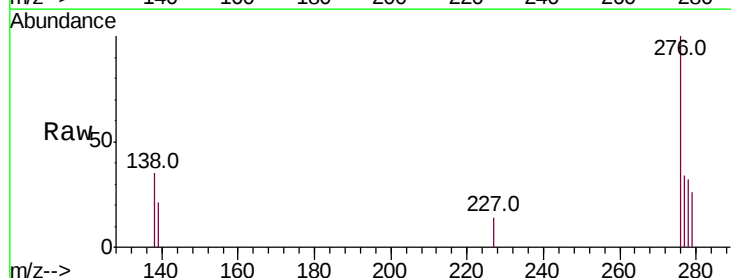
Tgt Ion:276 Resp: 1018

Ion Ratio Lower Upper

276 100

138 22.2 28.0 42.0#

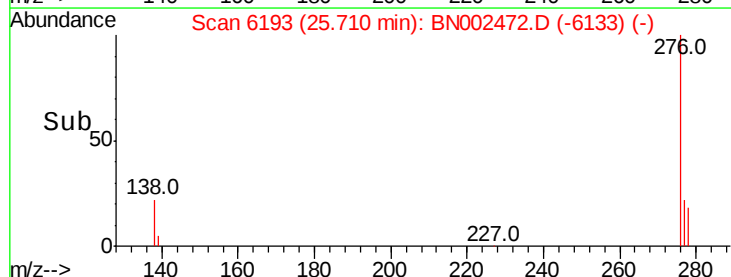
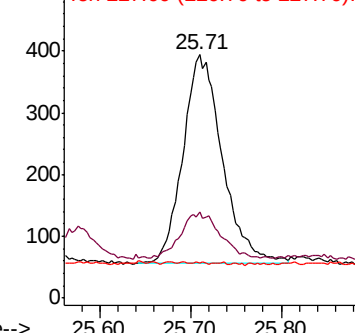
227 0.0 0.8 1.2#

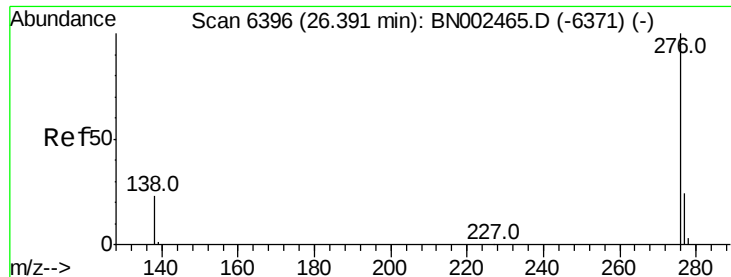


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.046 ng/ul

RT: 26.39 min Scan# 6395

Delta R.T. -0.00 min

Lab File: BN002472.D

Acq: 23 Aug 2018 18:53

Instrument :

BNA_N

ClientSampleId :

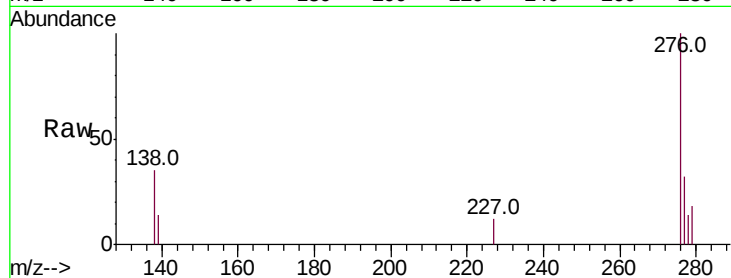
Tot Ion:276 Resp: 1401

Ion Ratio Lower Upper

276 100

138 34.8 21.8 32.8#

277 32.3 20.5 30.7#



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

