

Data File : BE098009.D
Acq On : 22 Oct 2018 14:26
Operator : SJ/JU
Sample : J5567-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH2

Quant Time: Oct 23 01:27:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 01:24:18 2018
Response via : Initial Calibration

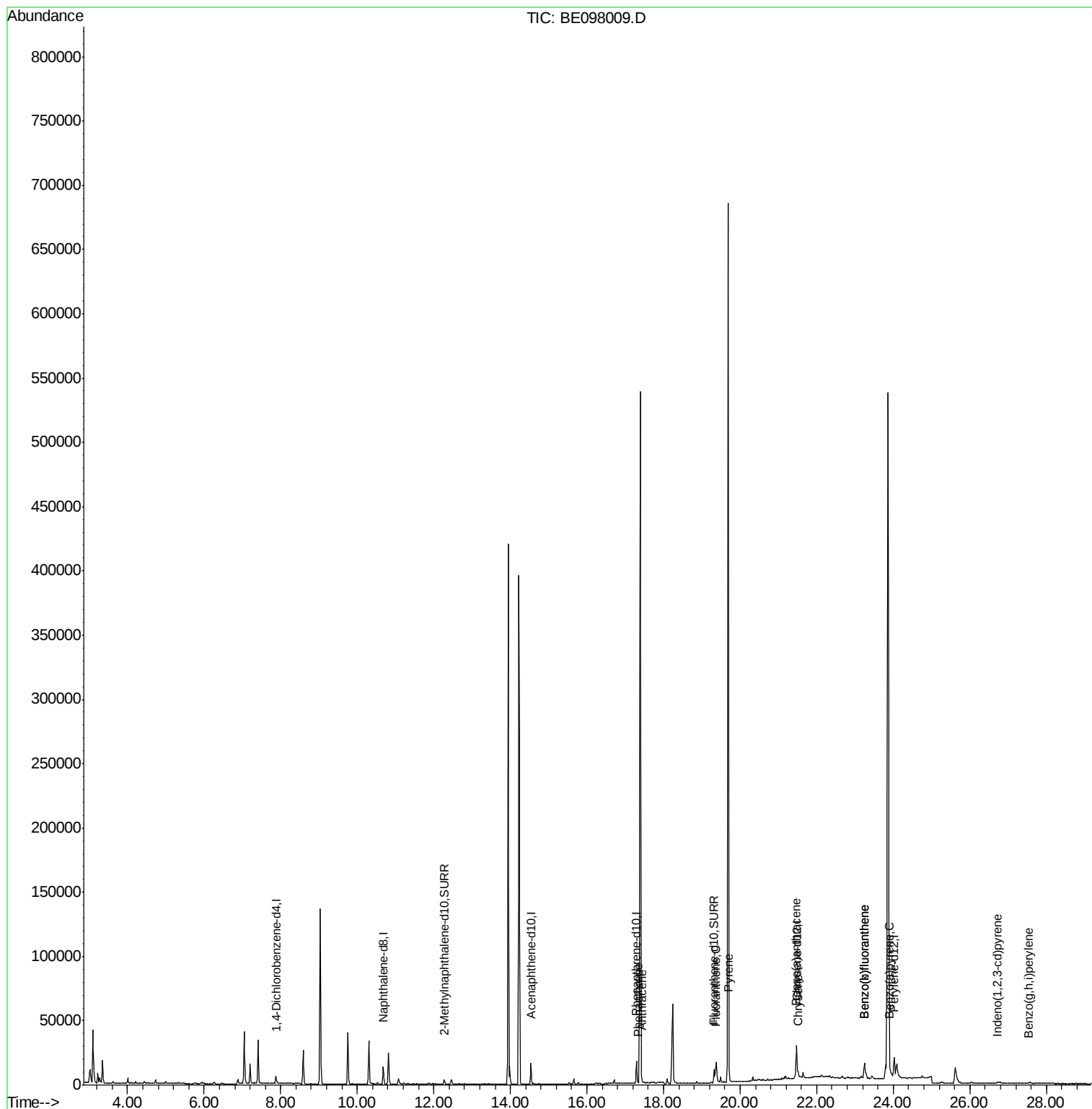
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2865	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	13693	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	9149	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	21113	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	26349	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	25312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4078	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	10978	0.16	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.34	178	1238	0.025	ng/ul#	78
13) Anthracene	17.43	178	1067	0.025	ng/ul#	54
15) Fluoranthene	19.35	202	8089	0.122	ng/ul#	59
17) Pyrene	19.72	202	7019	0.108	ng/ul#	71
18) Benzo(a)anthracene	21.46	228	8896	0.122	ng/ul#	82
19) Chrysene	21.51	228	7563	0.107	ng/ul#	82
21) Benzo(b)fluoranthene	23.25	252	24959	0.382	ng/ul#	87
22) Benzo(k)fluoranthene	23.25	252	24959	0.337	ng/ul#	86
23) Benzo(a)pyrene	23.91	252	5503	0.092	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	26.73	276	2095	0.031	ng/ul#	100
26) Benzo(g,h,i)perylene	27.56	276	2528	0.039	ng/ul#	55

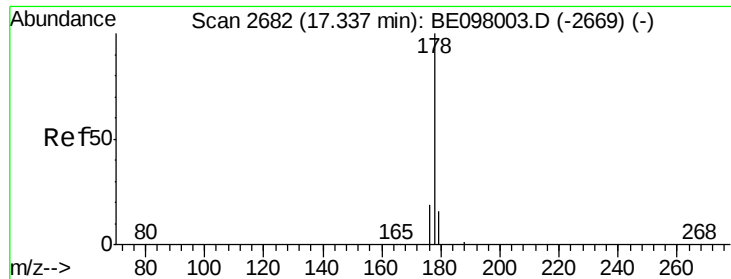
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.025 ng/ul

RT: 17.34 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2

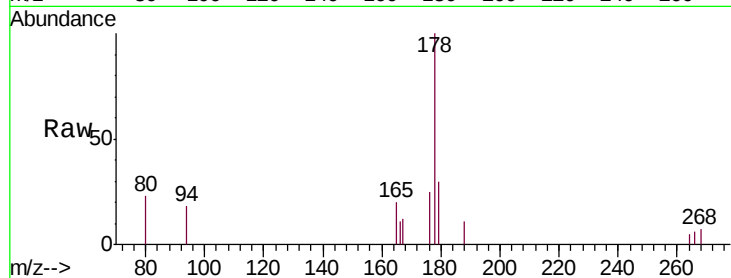
Tgt Ion:178 Resp: 1238

Ion Ratio Lower Upper

178 100

179 29.6 12.8 19.2#

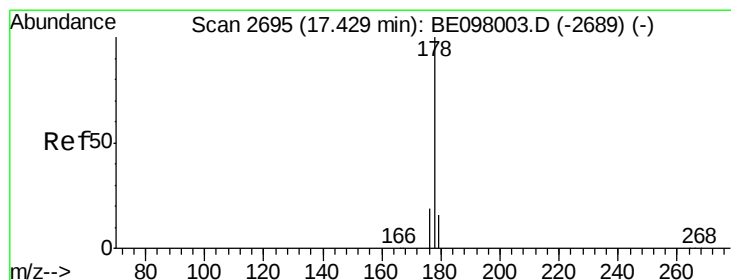
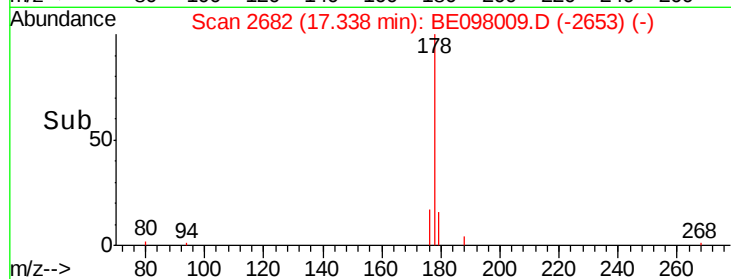
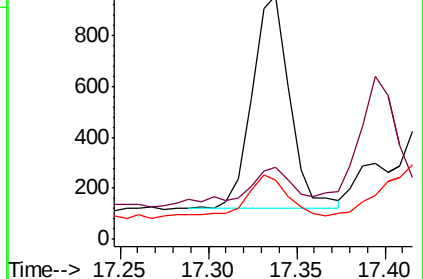
176 24.6 14.9 22.3#



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



#13

Anthracene

Concen: 0.025 ng/ul

RT: 17.43 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

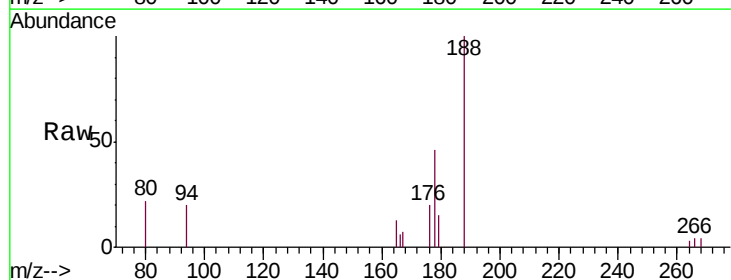
Tgt Ion:178 Resp: 1067

Ion Ratio Lower Upper

178 100

179 31.7 12.9 19.3#

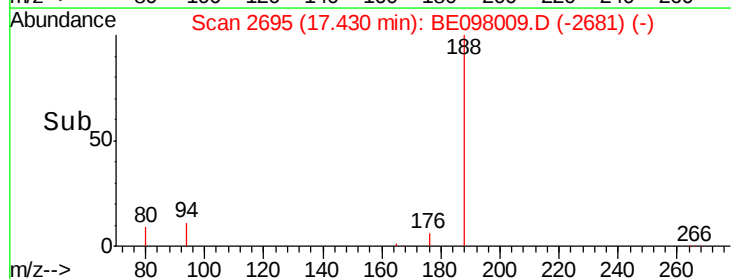
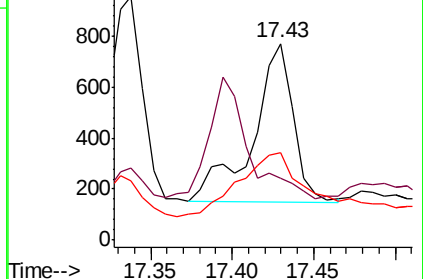
176 44.2 15.5 23.3#

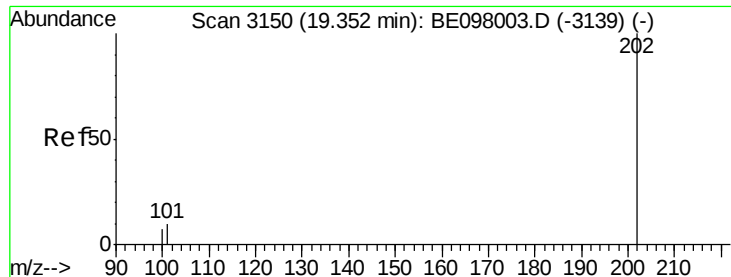


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.122 ng/ul

RT: 19.35 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2

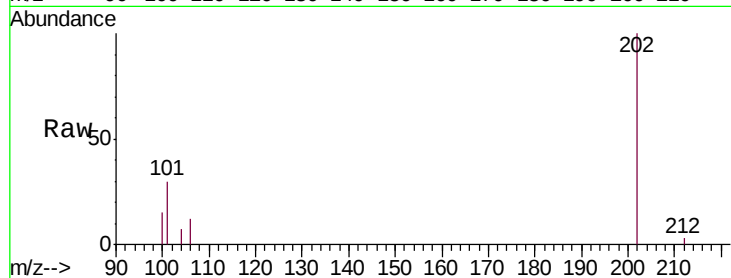
Tgt Ion:202 Resp: 8089

Ion Ratio Lower Upper

202 100

101 29.9 0.0 29.3#

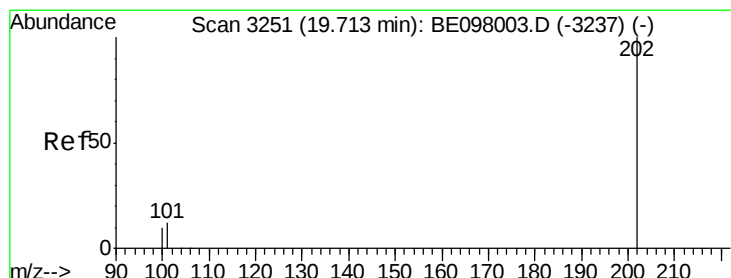
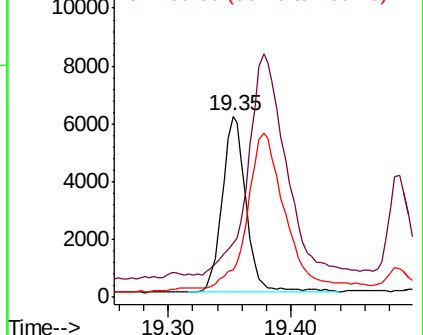
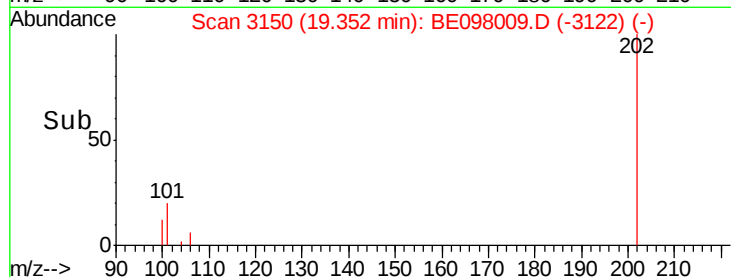
100 15.1 0.0 27.5



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): BE



#17

Pyrene

Concen: 0.108 ng/ul

RT: 19.72 min Scan# 3252

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

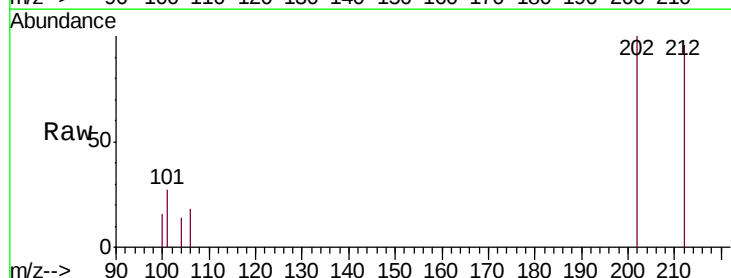
Tgt Ion:202 Resp: 7019

Ion Ratio Lower Upper

202 100

101 26.6 8.8 13.2#

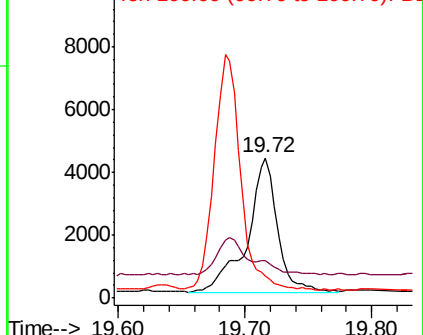
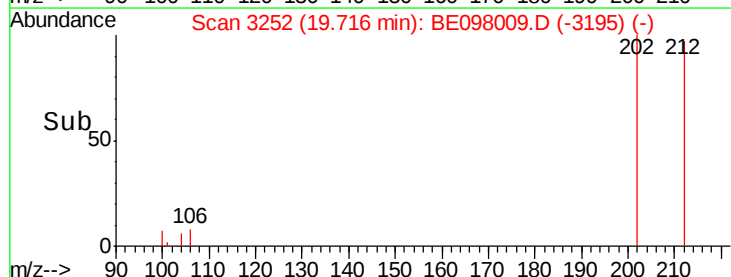
100 15.7 7.9 11.9#

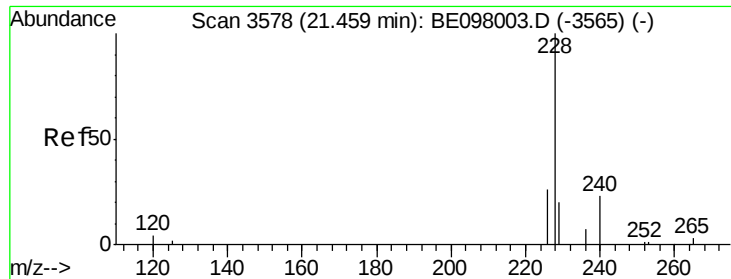


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.122 ng/ul

RT: 21.46 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2

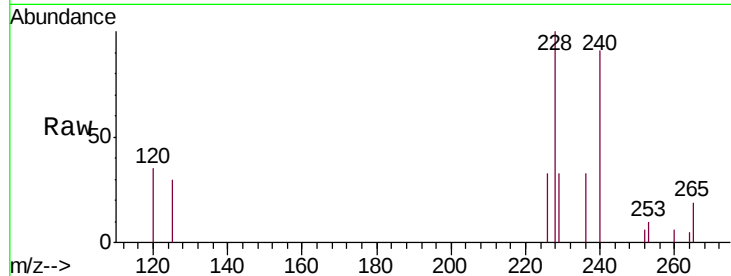
Tgt Ion:228 Resp: 8896

Ion Ratio Lower Upper

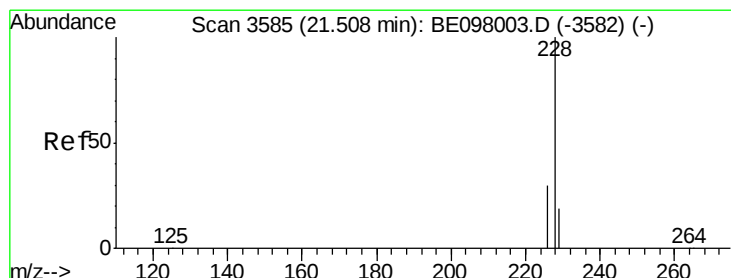
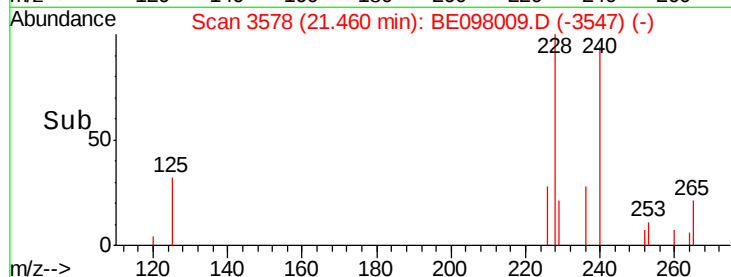
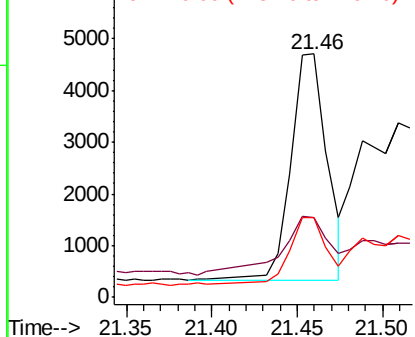
228 100

229 32.5 16.4 24.6#

226 32.7 21.5 32.3#



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: 0.107 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

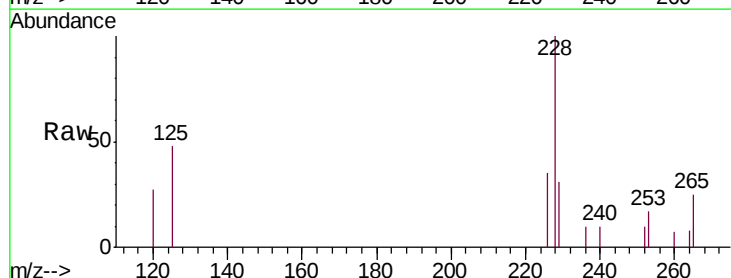
Tgt Ion:228 Resp: 7563

Ion Ratio Lower Upper

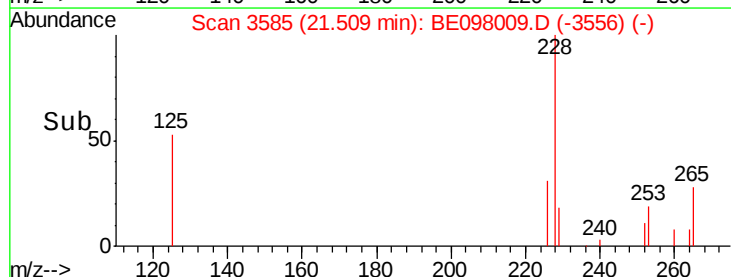
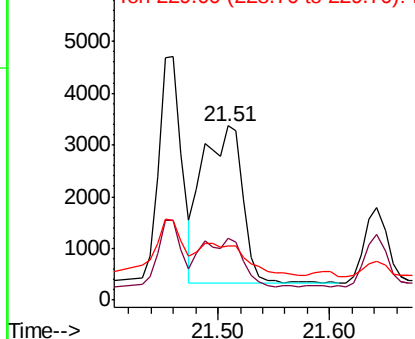
228 100

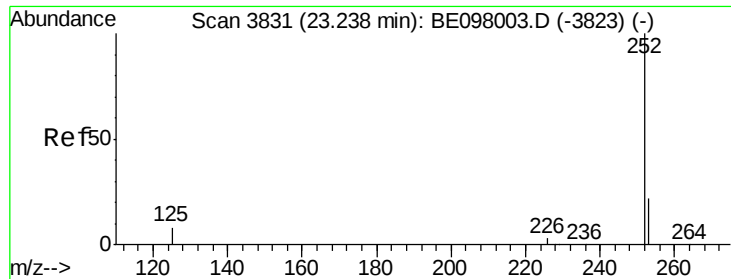
226 35.5 23.0 34.4#

229 31.3 15.5 23.3#



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: 0.382 ng/ul

RT: 23.25 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2

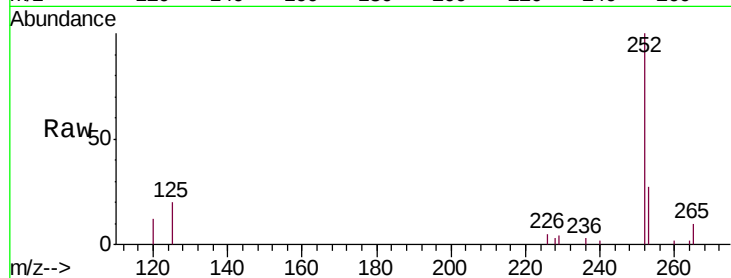
Tgt Ion:252 Resp: 24959

Ion Ratio Lower Upper

252 100

253 26.7 0.0 47.0

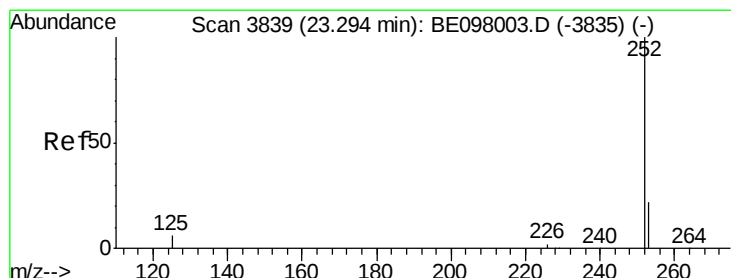
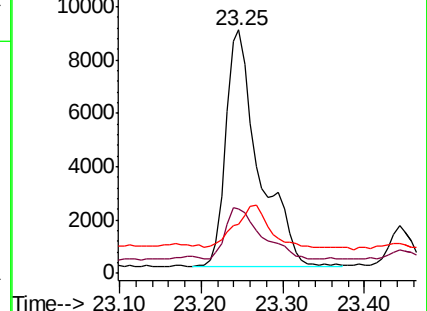
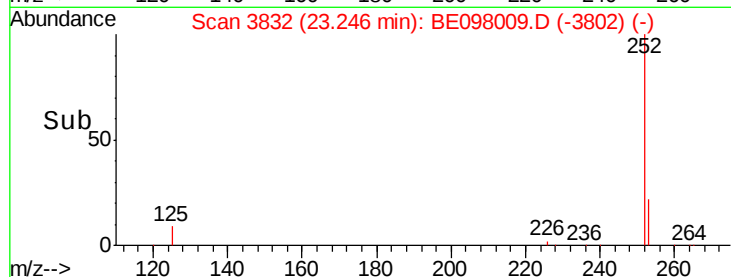
125 20.2 0.0 18.2#



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: 0.337 ng/ul

RT: 23.25 min Scan# 3832

Delta R.T. -0.05 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

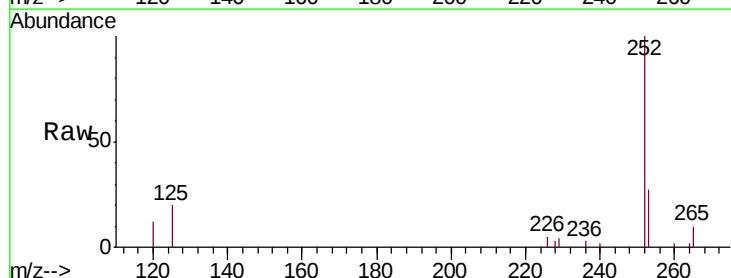
Tgt Ion:252 Resp: 24959

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.6#

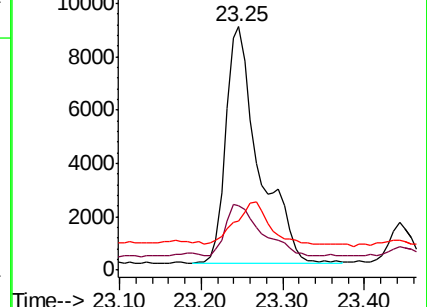
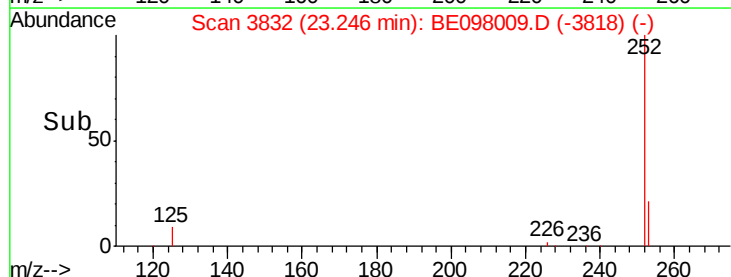
125 20.2 9.4 14.0#

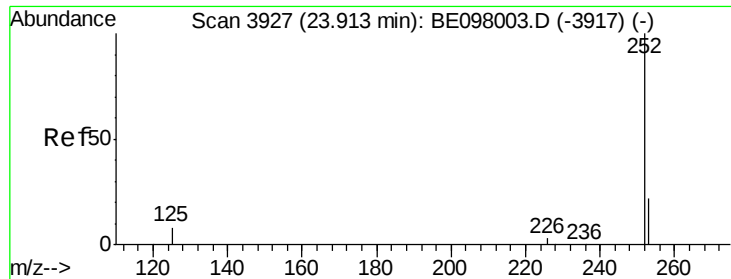


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.092 ng/u1

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2

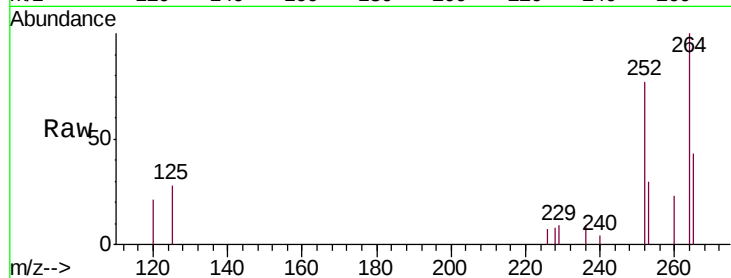
Tgt Ion:252 Resp: 5503

Ion Ratio Lower Upper

252 100

253 39.4 18.2 27.4#

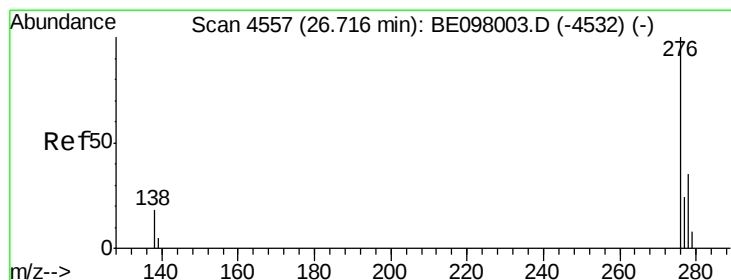
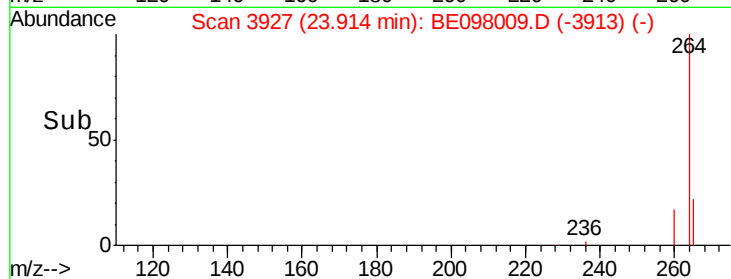
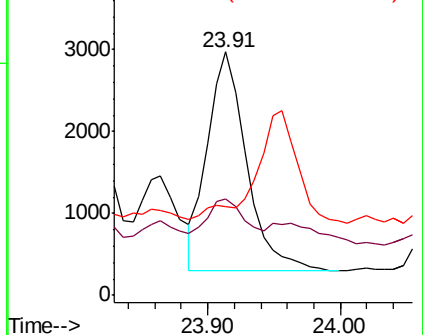
125 36.6 8.3 12.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.031 ng/u1

RT: 26.73 min Scan# 4561

Delta R.T. 0.01 min

Lab File: BE098009.D

Acq: 22 Oct 2018 14:26

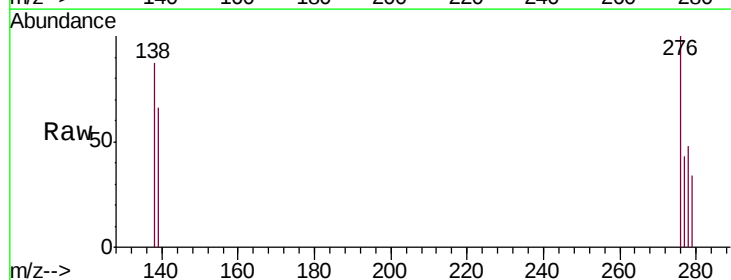
Tgt Ion:276 Resp: 2095

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

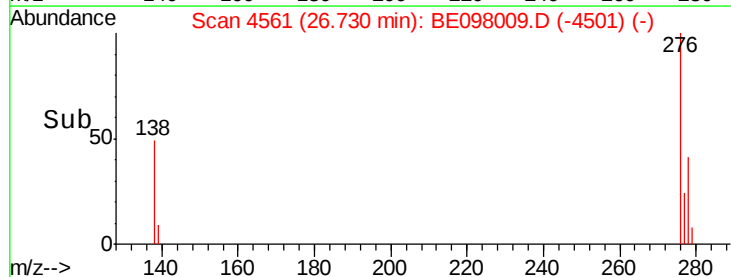
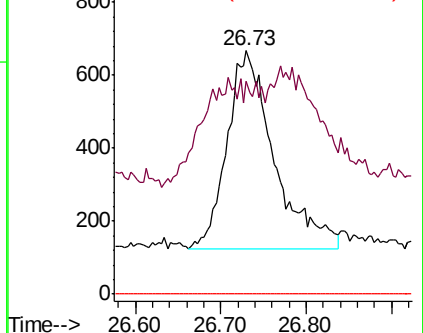
227 0.0 0.0 0.0

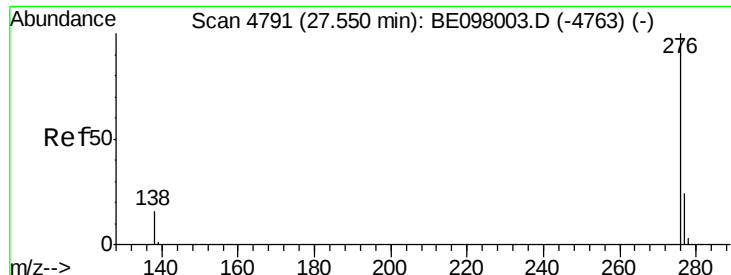


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.039 ng/u1

RT: 27.56 min Scan# 4793

Delta R.T. 0.01 min

Lab File: BE098009.D

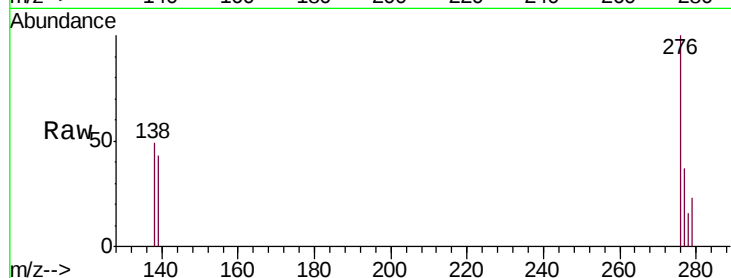
Acq: 22 Oct 2018 14:26

Instrument :

BNA_E

ClientSampleId :

C0AH2



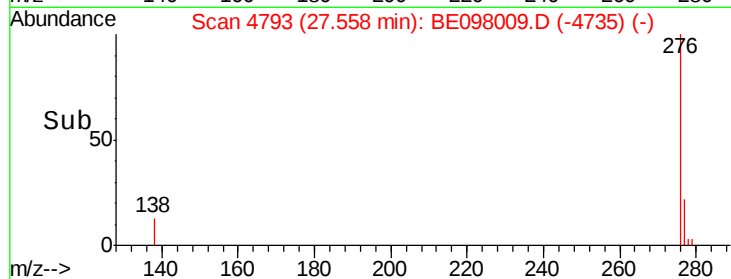
Tgt Ion:276 Resp: 2528

Ion Ratio Lower Upper

276 100

138 49.4 14.3 21.5#

277 37.1 19.5 29.3#



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

