

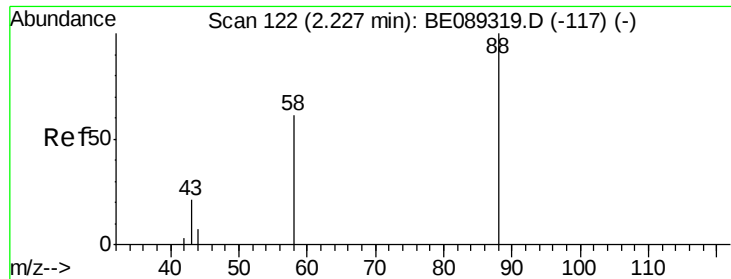
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010515\
 Data File : BE089322.D
 Acq On : 5 Jan 2015 19:48
 Operator : TP/IZ
 Sample : PB81193BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81193BSD

Quant Time: Jan 06 01:17:08 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE123014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 06 01:01:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	29174	0.40	ng/ul	0.00
4) Naphthalene-d8	8.50	136	113395	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	52946	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	79708	0.40	ng/ul	0.00
18) Chrysene-d12	18.06	240	55391	0.40	ng/ul	0.00
22) Perylene-d12	21.10	264	48670	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
6) 2-Methylnaphthalene-d10	0.00	152	0	0.00	ng/ul	
16) Fluoranthene-d10	14.90	212	2	0.00	ng/ul	0.00
Target Compounds						
3) 1,4-Dioxane	2.20	88	31845	0.65	ng/ul	Qvalue 100
13) Pentachlorophenol	12.42	266	24969	3.02	ng/ul	97
20) Benzo(a)anthracene	18.03	228	403209	3.23	ng/ul	97
21) Chrysene	18.11	228	414566	2.74	ng/ul	97
23) Benzo(b)fluoranthene	20.35	252	83709	0.67	ng/ul	94
24) Benzo(k)fluoranthene	20.41	252	103582	0.65	ng/ul	95
25) Benzo(a)pyrene	20.99	252	84314	0.68	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.19	276	238186	0.69	ng/ul	99
27) Dibenzo(a,h)anthracene	23.27	278	67898	0.67	ng/ul#	89
28) Benzo(g,h,i)perylene	23.77	276	318711	0.65	ng/ul	92

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



#3

1,4-Dioxane

Concen: 0.65 ng/ul

RT: 2.20 min Scan# 118

Delta R.T. -0.03 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

Instrument :

BNA_E

ClientSampleId :

PB81193BSD

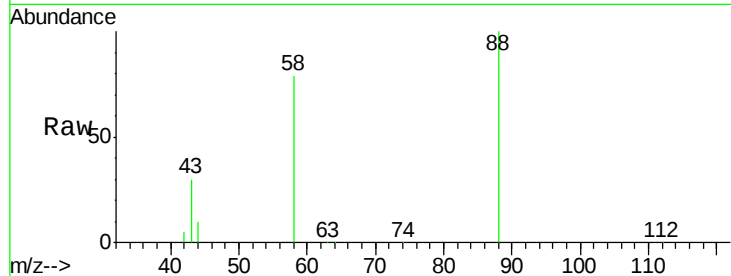
Tgt Ion: 88 Resp: 31845

Ion Ratio Lower Upper

88 100

58 77.2 61.5 92.3

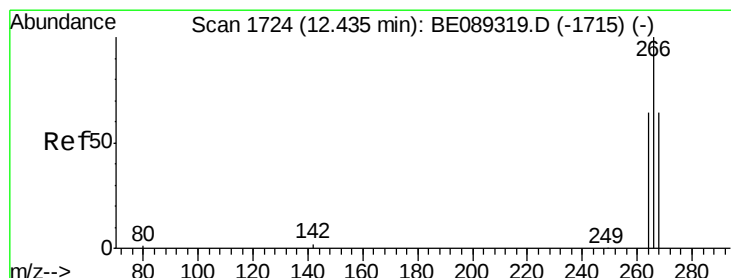
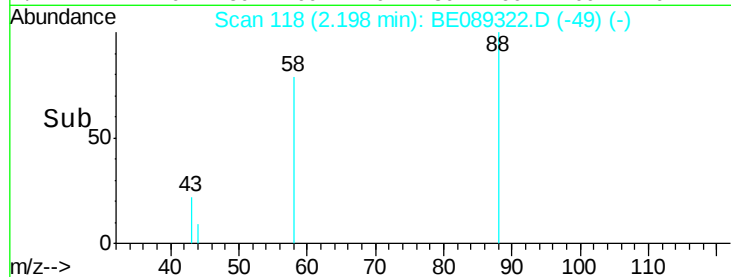
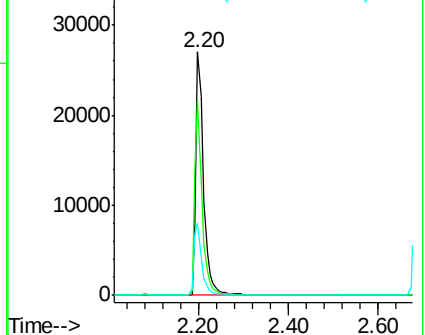
43 30.3 23.9 35.9



Abundance Ion 88.00 (87.70 to 88.70): BE089322.D (-117) (-)

Ion 58.00 (57.70 to 58.70): BE089322.D (-117) (-)

Ion 43.00 (42.70 to 43.70): BE089322.D (-117) (-)



#13

Pentachlorophenol

Concen: 3.02 ng/ul

RT: 12.42 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

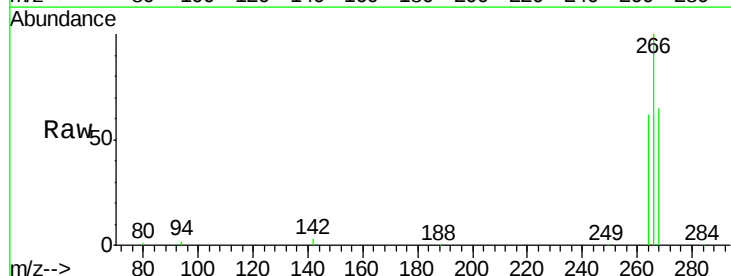
Tgt Ion: 266 Resp: 24969

Ion Ratio Lower Upper

266 100

264 62.8 48.7 73.1

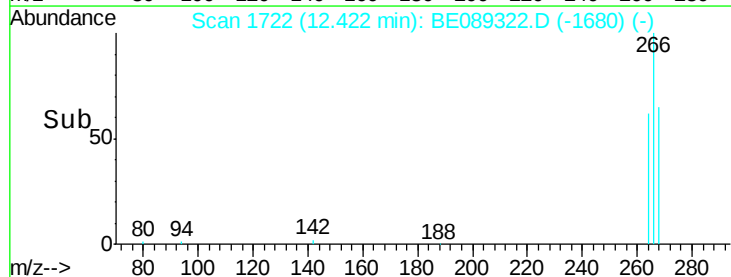
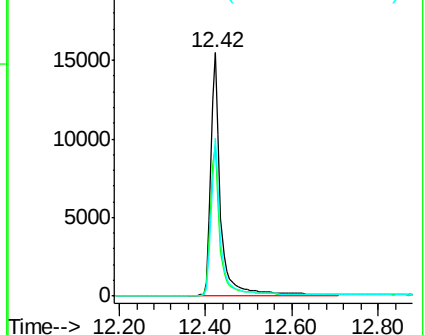
268 63.6 52.9 79.3

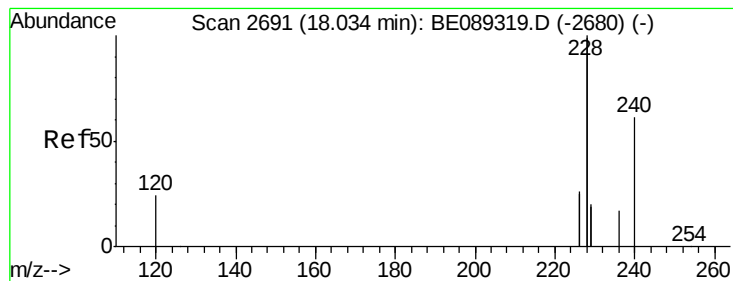


Abundance Ion 266.00 (265.70 to 266.70): BE089322.D (-1680) (-)

Ion 264.00 (263.70 to 264.70): BE089322.D (-1680) (-)

Ion 268.00 (267.70 to 268.70): BE089322.D (-1680) (-)





#20

Benzo(a)anthracene

Concen: 3.23 ng/ul

RT: 18.03 min Scan# 2691

Delta R.T. 0.00 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

Instrument :

BNA_E

ClientSampleId :

PB81193BSD

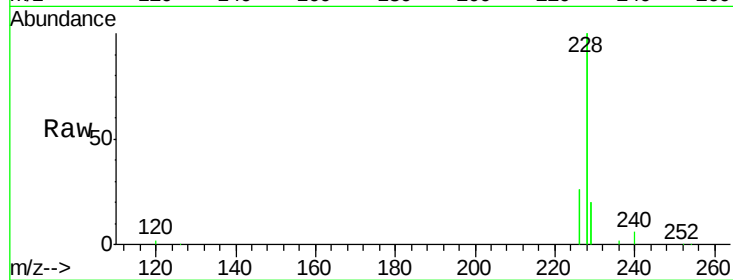
Tgt Ion:228 Resp: 403209

Ion Ratio Lower Upper

228 100

226 25.9 21.9 32.9

229 19.7 16.9 25.3

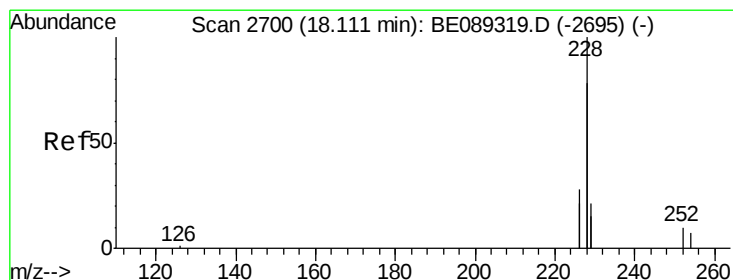
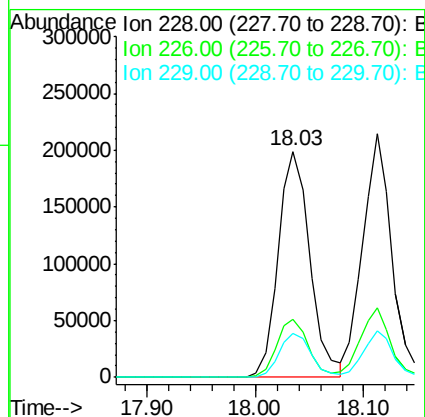
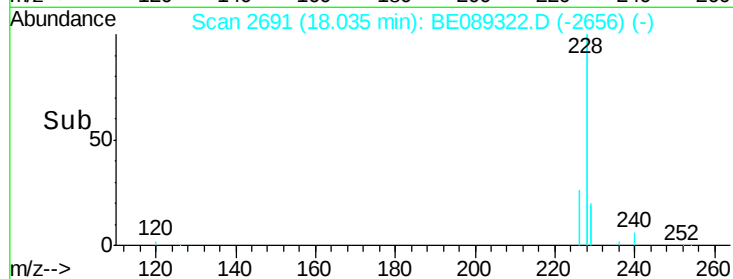


Abundance

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

Chrysene

Concen: 2.74 ng/ul

RT: 18.11 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

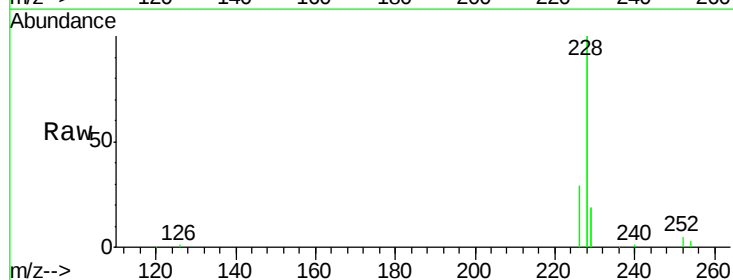
Tgt Ion:228 Resp: 414566

Ion Ratio Lower Upper

228 100

226 28.6 23.9 35.9

229 19.3 16.8 25.2

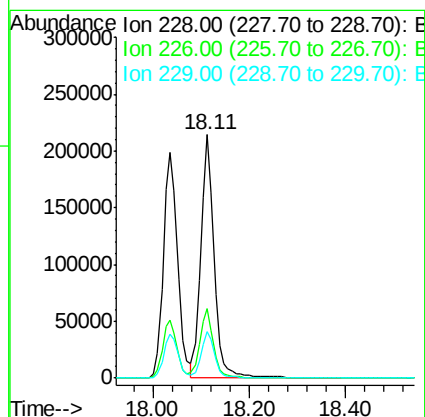
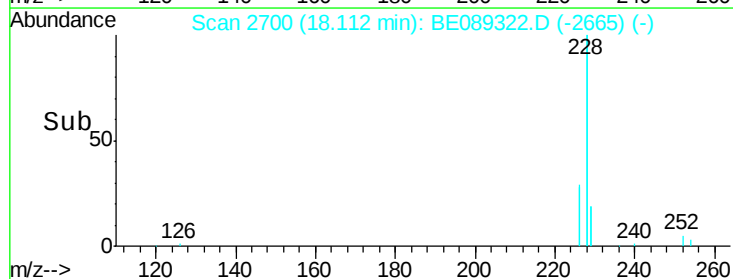


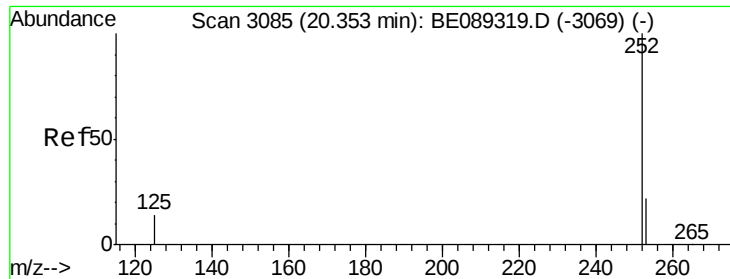
Abundance

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





#23

Benzo(b)fluoranthene

Concen: 0.67 ng/ul

RT: 20.35 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

Instrument :

BNA_E

ClientSampleId :

PB81193BSD

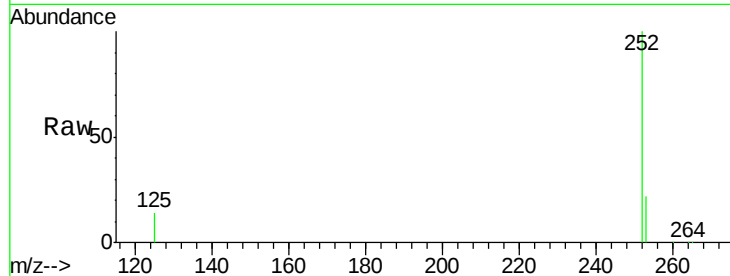
Tgt Ion:252 Resp: 83709

Ion Ratio Lower Upper

252 100

253 21.9 0.0 47.8

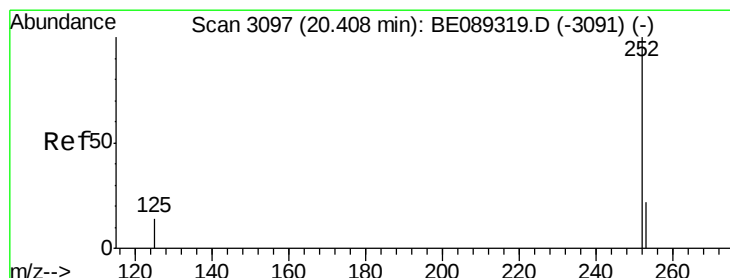
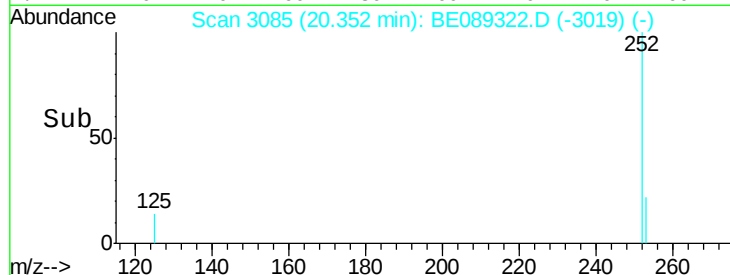
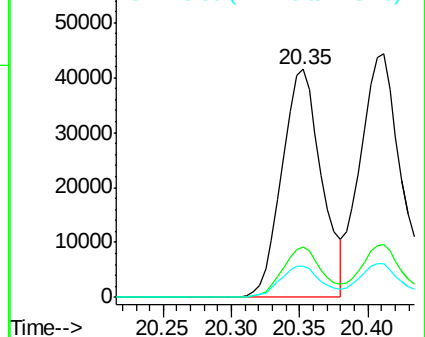
125 13.8 0.0 34.2



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



#24

Benzo(k)fluoranthene

Concen: 0.65 ng/ul

RT: 20.41 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

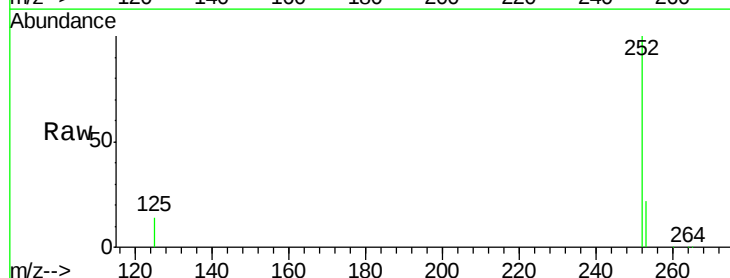
Tgt Ion:252 Resp: 103582

Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

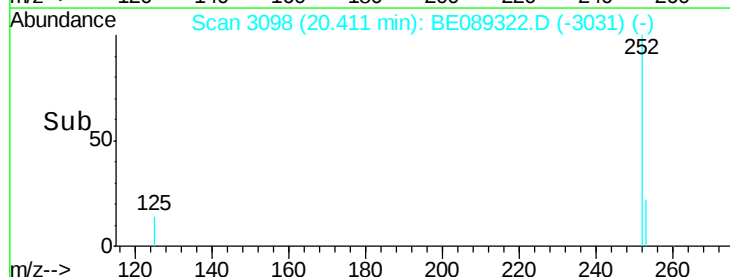
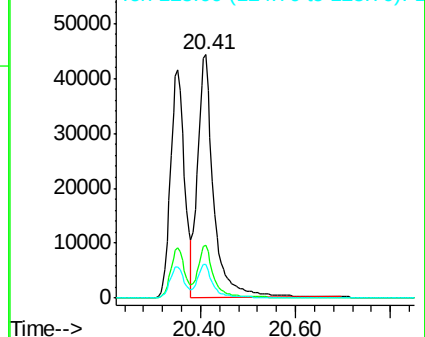
125 13.7 13.5 20.3

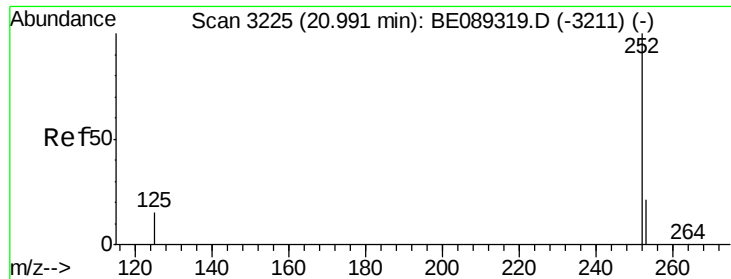


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.68 ng/ul

RT: 20.99 min Scan# 3225

Delta R.T. -0.00 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

Instrument :

BNA_E

ClientSampleId :

PB81193BSD

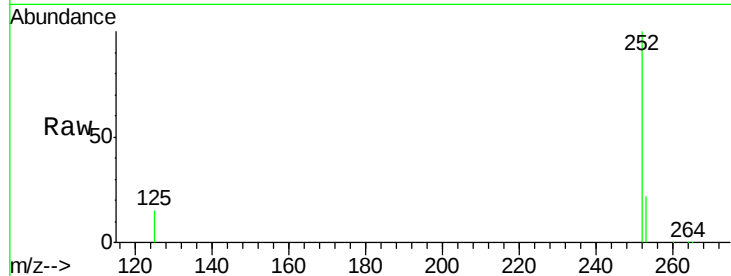
Tgt Ion:252 Resp: 84314

Ion Ratio Lower Upper

252 100

253 21.7 19.7 29.5

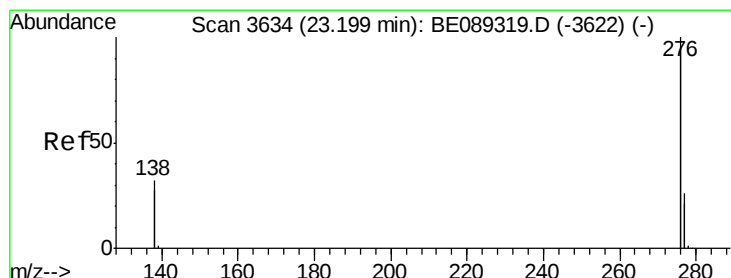
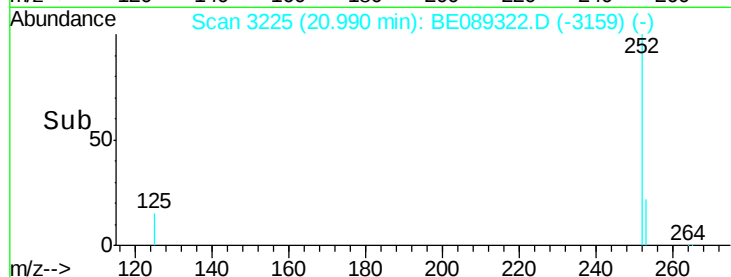
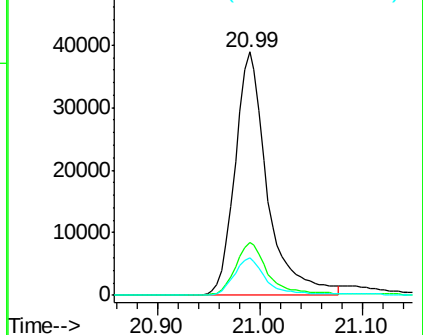
125 15.4 15.0 22.6



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.69 ng/ul

RT: 23.19 min Scan# 3633

Delta R.T. -0.01 min

Lab File: BE089322.D

Acq: 5 Jan 2015 19:48

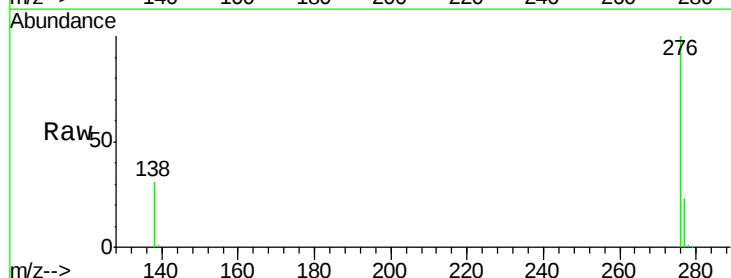
Tgt Ion:276 Resp: 238186

Ion Ratio Lower Upper

276 100

138 30.5 23.8 35.8

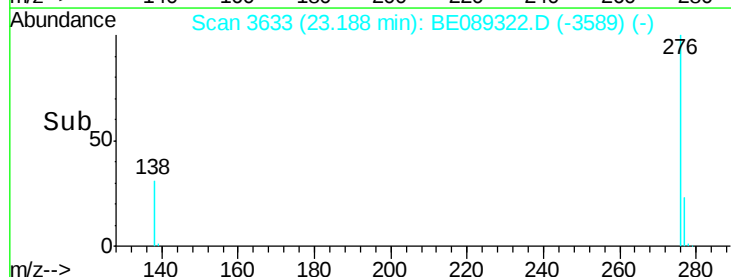
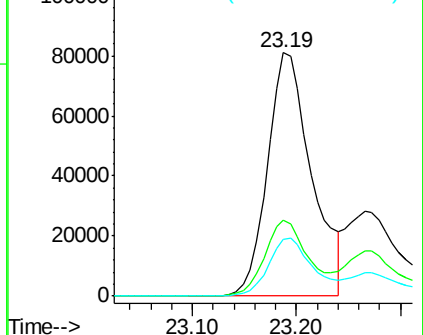
277 23.7 18.9 28.3

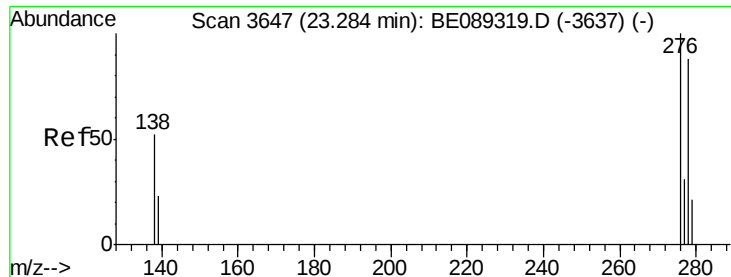


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

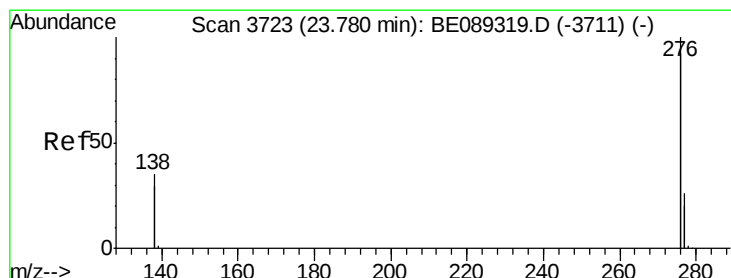
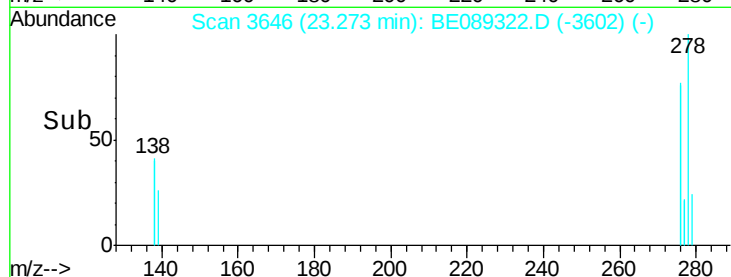
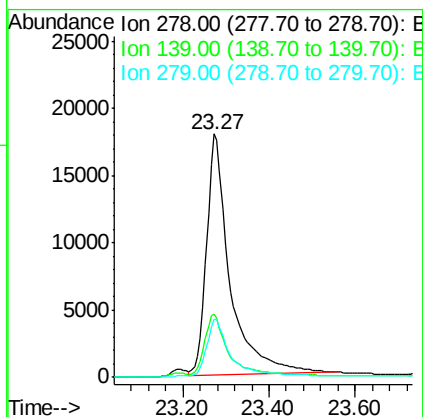
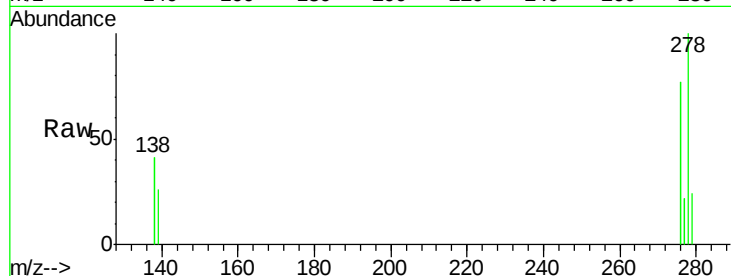




#27
Dibenzo(a,h)anthracene
Concen: 0.67 ng/ul
RT: 23.27 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BE089322.D
Acq: 5 Jan 2015 19:48

Instrument :
BNA_E
ClientSampleId :
PB81193BSD

Tgt Ion: 278 Resp: 67898
Ion Ratio Lower Upper
278 100
139 26.1 0.0 0.0#
279 24.0 24.0 36.0



#28
Benzo(g,h,i)perylene
Concen: 0.65 ng/ul
RT: 23.77 min Scan# 3723
Delta R.T. -0.01 min
Lab File: BE089322.D
Acq: 5 Jan 2015 19:48

Tgt Ion: 276 Resp: 318711
Ion Ratio Lower Upper
276 100
277 24.0 22.3 33.5
138 32.9 30.0 45.0

