

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010515\
 Data File : BECCAL02.D
 Acq On : 5 Jan 2015 21:29
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 06 01:32:35 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

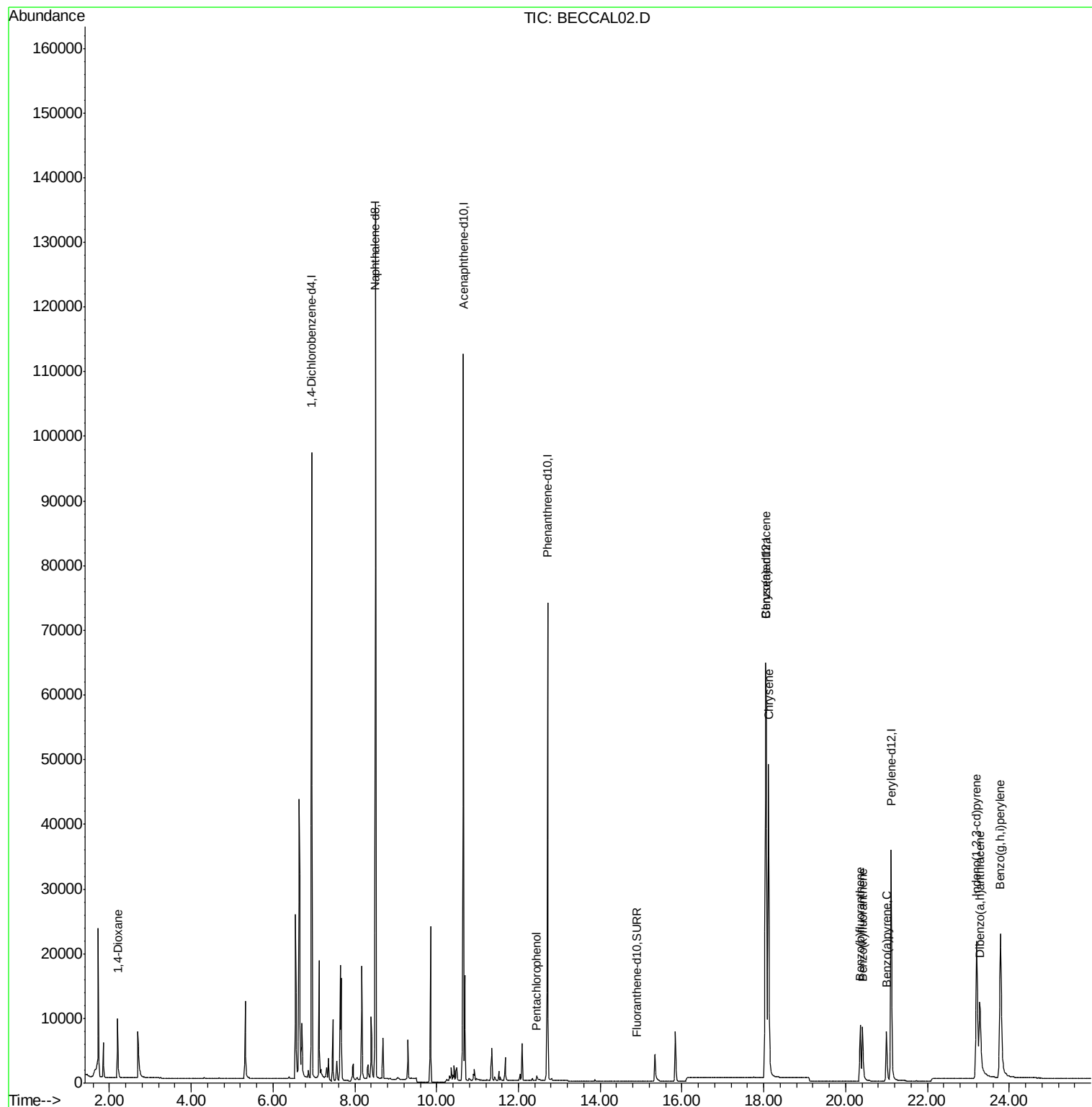
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31009	0.40	ng/ul	0.00
4) Naphthalene-d8	8.51	136	120079	0.40	ng/ul	0.01
8) Acenaphthene-d10	10.66	164	55263	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	81198	0.40	ng/ul	0.00
18) Chrysene-d12	18.06	240	56131	0.40	ng/ul	0.00
22) Perylene-d12	21.11	264	50222	0.40	ng/ul	0.01
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	14.91	212	1	0.00	ng/ul	0.01
Target Compounds						
3) 1,4-Dioxane	2.20	88	4910	0.09	ng/ul	Qvalue 99
13) Pentachlorophenol	12.45	266	985	0.12	ng/ul	94
20) Benzo(a)anthracene	18.04	228	58236	0.46	ng/ul	97
21) Chrysene	18.11	228	59196	0.39	ng/ul	98
23) Benzo(b)fluoranthene	20.36	252	12328	0.10	ng/ul	96
24) Benzo(k)fluoranthene	20.42	252	14506	0.09	ng/ul	97
25) Benzo(a)pyrene	20.99	252	12058	0.09	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.20	276	39721	0.11	ng/ul	98
27) Dibenzo(a,h)anthracene	23.29	278	10599	0.10	ng/ul#	90
28) Benzo(g,h,i)perylene	23.79	276	48992	0.10	ng/ul	95

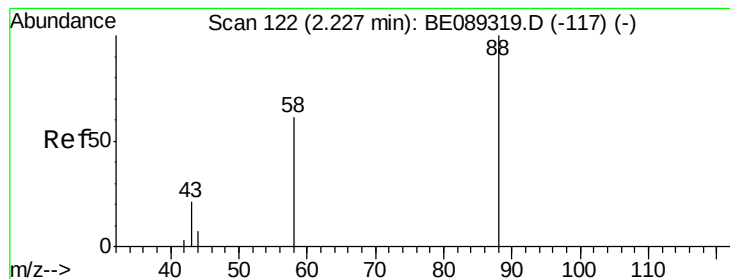
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.09 ng/ul

RT: 2.20 min Scan# 118

Delta R.T. -0.03 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

Instrument :

BNA_E

ClientSampleId :

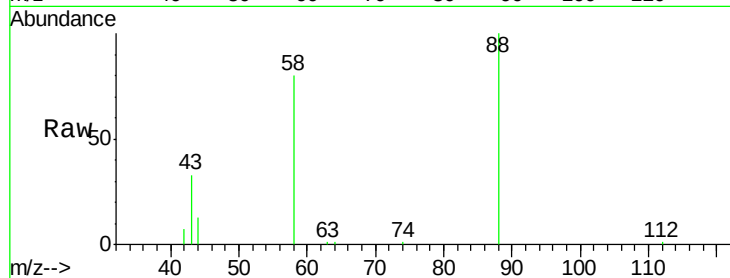
Tgt Ion: 88 Resp: 4910

Ion Ratio Lower Upper

88 100

58 76.5 61.5 92.3

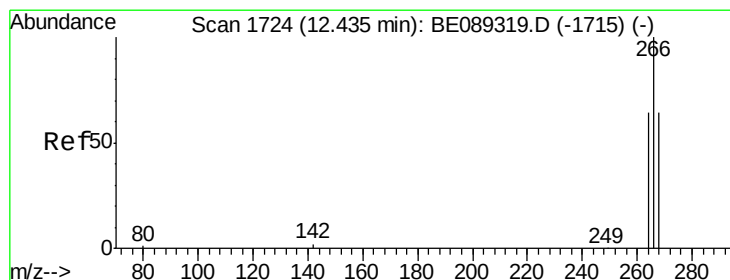
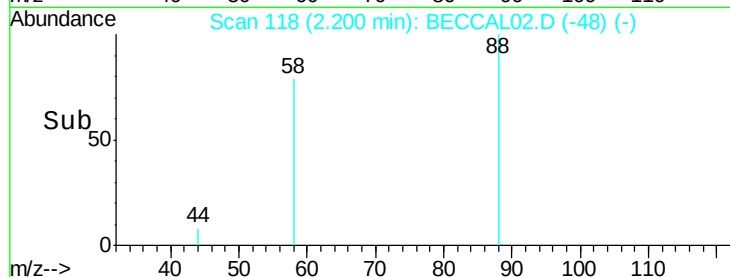
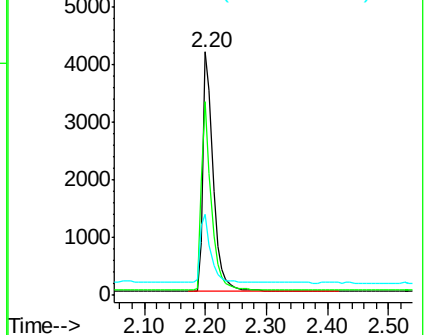
43 29.0 23.9 35.9



Abundance Ion 88.00 (87.70 to 88.70): BECCAL02.D (-117) (-)

Ion 58.00 (57.70 to 58.70): BECCAL02.D (-117) (-)

Ion 43.00 (42.70 to 43.70): BECCAL02.D (-117) (-)



#13

Pentachlorophenol

Concen: 0.12 ng/ul

RT: 12.45 min Scan# 1726

Delta R.T. 0.01 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

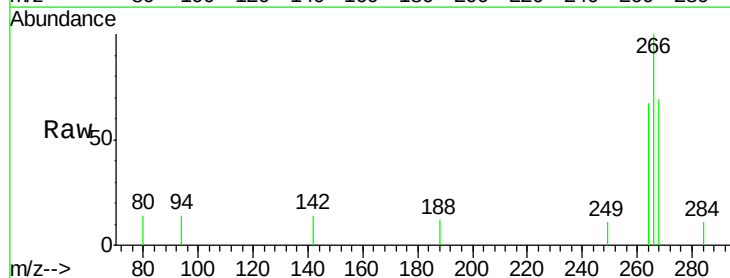
Tgt Ion: 266 Resp: 985

Ion Ratio Lower Upper

266 100

264 63.2 48.7 73.1

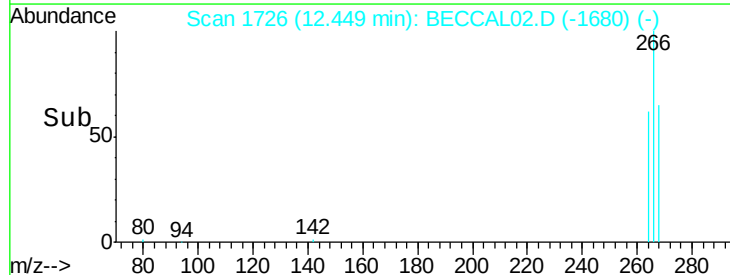
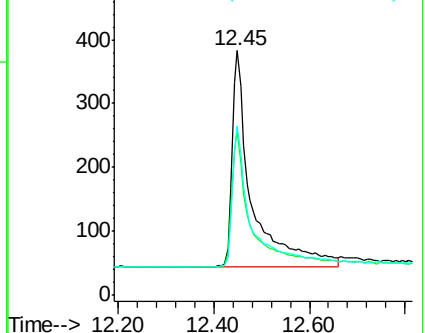
268 59.4 52.9 79.3

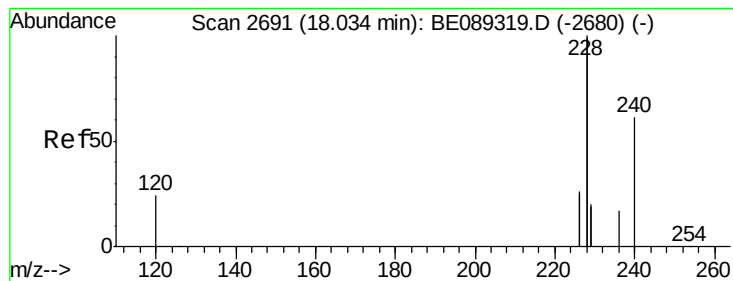


Abundance Ion 266.00 (265.70 to 266.70): BECCAL02.D (-1680) (-)

Ion 264.00 (263.70 to 264.70): BECCAL02.D (-1680) (-)

Ion 268.00 (267.70 to 268.70): BECCAL02.D (-1680) (-)





#20

Benzo(a)anthracene

Concen: 0.46 ng/ul

RT: 18.04 min Scan# 2692

Delta R.T. 0.01 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

Instrument :

BNA_E

ClientSampleId :

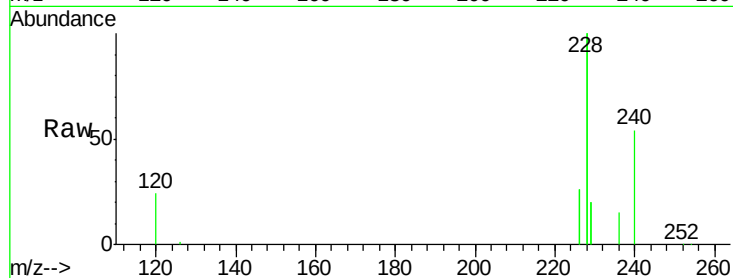
Tgt Ion:228 Resp: 58236

Ion Ratio Lower Upper

228 100

226 25.7 21.9 32.9

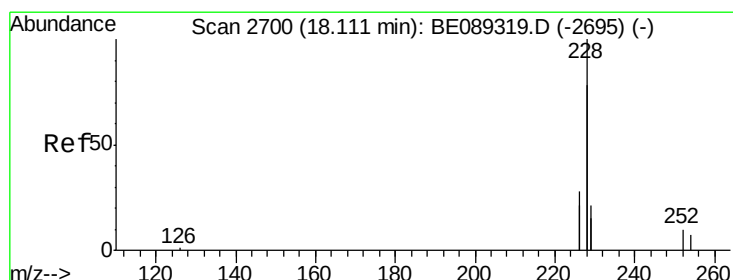
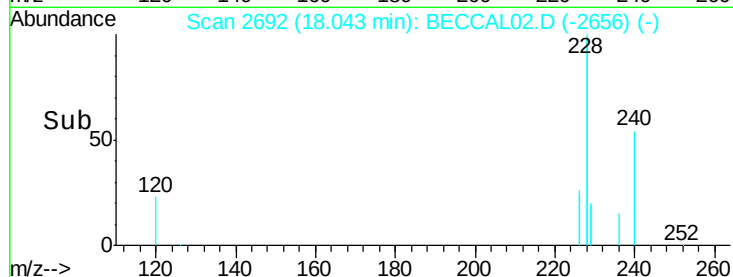
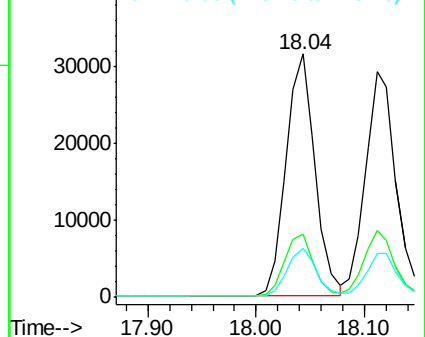
229 20.0 16.9 25.3



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: 0.39 ng/ul

RT: 18.11 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

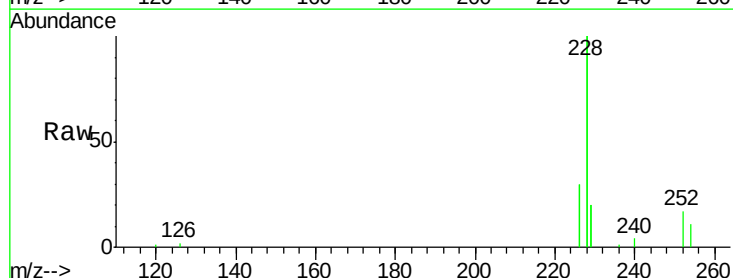
Tgt Ion:228 Resp: 59196

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

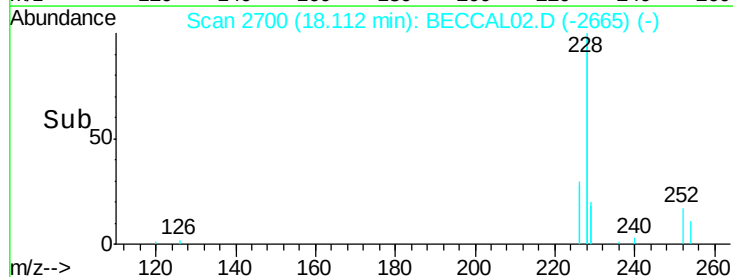
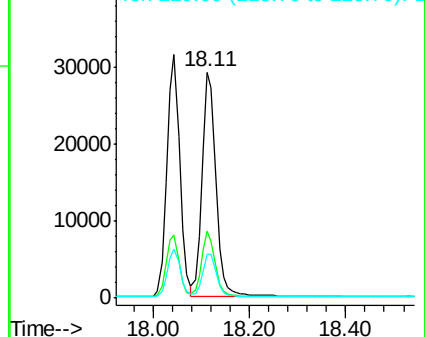
229 19.5 16.8 25.2

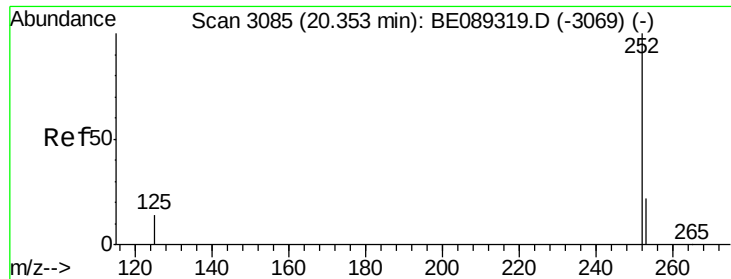


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 20.36 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

Instrument :

BNA_E

ClientSampleId :

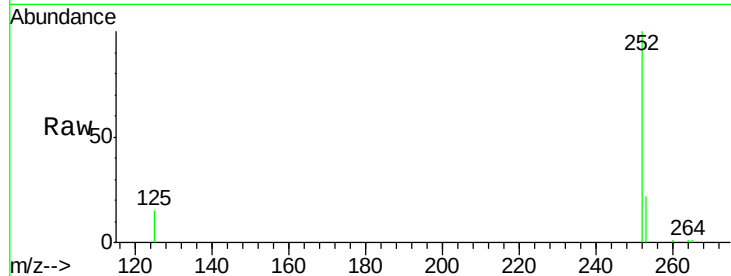
Tgt Ion:252 Resp: 12328

Ion Ratio Lower Upper

252 100

253 22.2 0.0 47.8

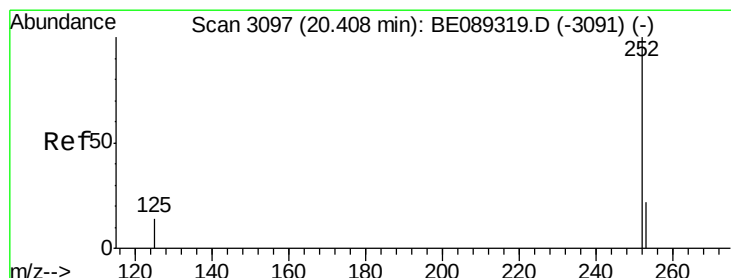
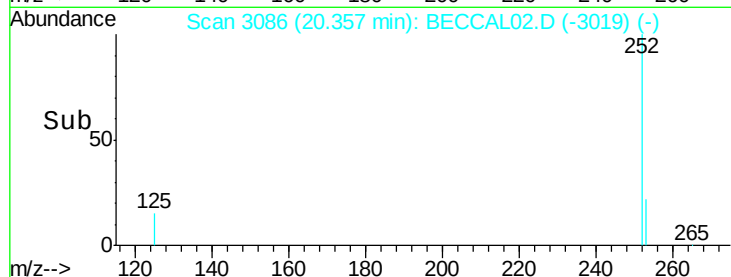
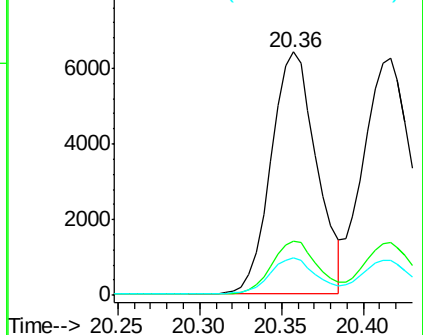
125 15.3 0.0 34.2



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: 0.09 ng/ul

RT: 20.42 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

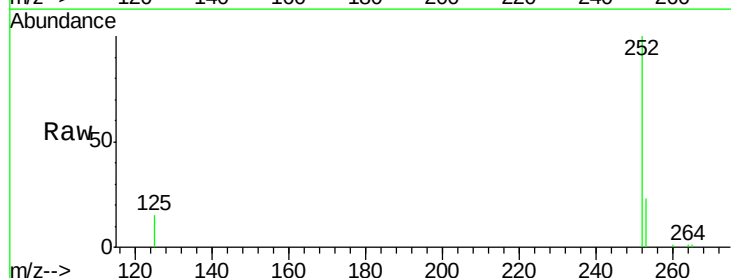
Tgt Ion:252 Resp: 14506

Ion Ratio Lower Upper

252 100

253 22.5 19.0 28.6

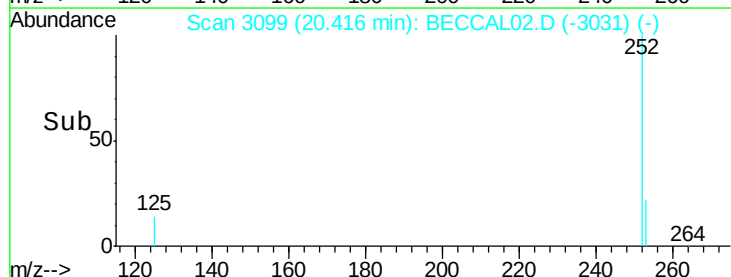
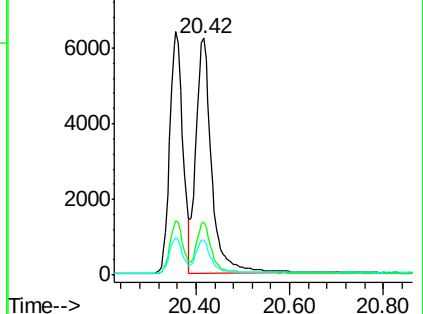
125 15.0 13.5 20.3

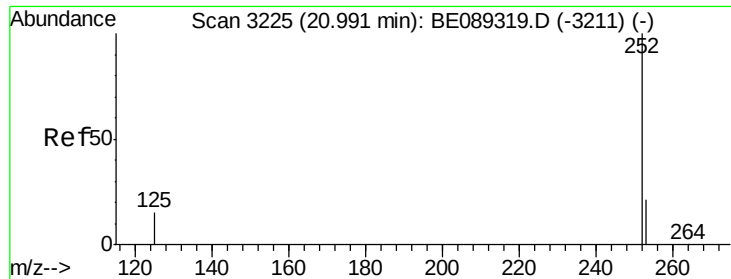


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 20.99 min Scan# 3226

Delta R.T. 0.00 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

Instrument :

BNA_E

ClientSampleId :

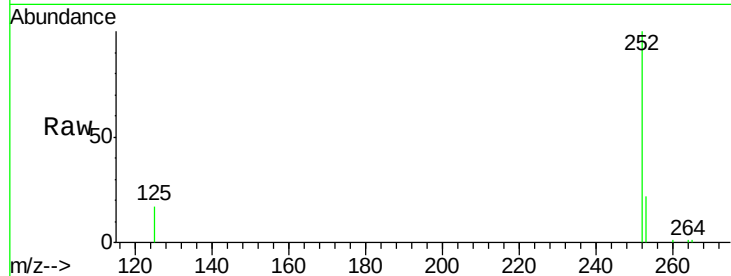
Tgt Ion:252 Resp: 12058

Ion Ratio Lower Upper

252 100

253 22.2 19.7 29.5

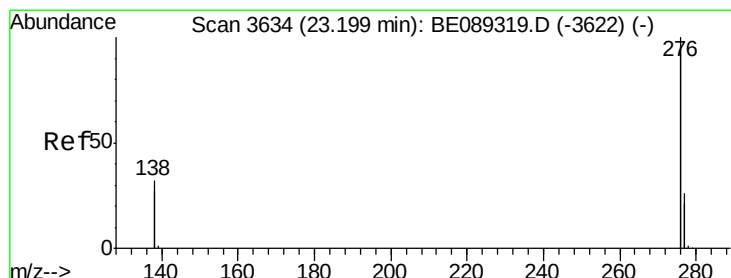
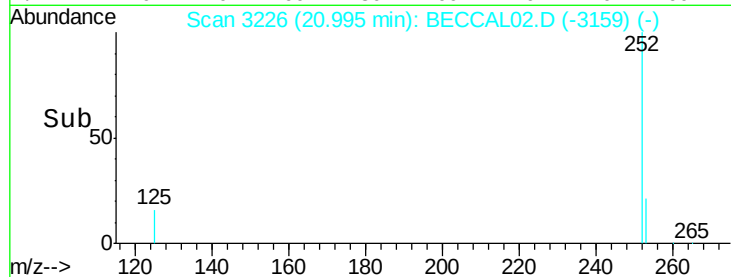
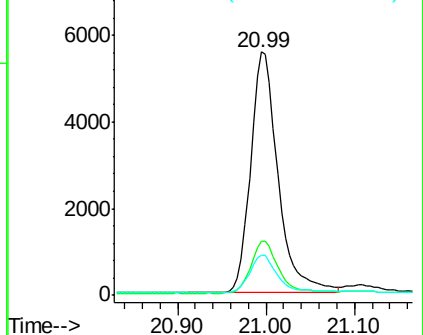
125 16.5 15.0 22.6



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: 0.11 ng/ul

RT: 23.20 min Scan# 3634

Delta R.T. 0.00 min

Lab File: BECCAL02.D

Acq: 5 Jan 2015 21:29

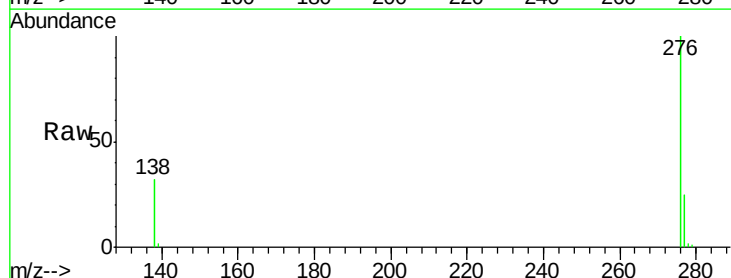
Tgt Ion:276 Resp: 39721

Ion Ratio Lower Upper

276 100

138 31.1 23.8 35.8

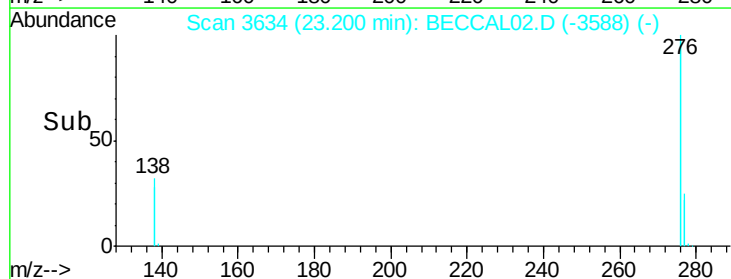
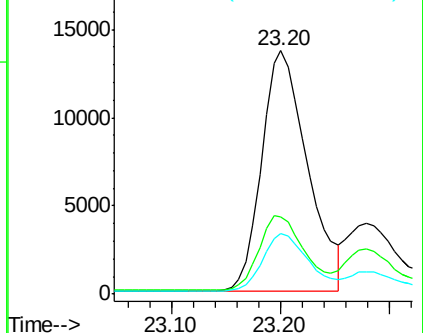
277 23.8 18.9 28.3

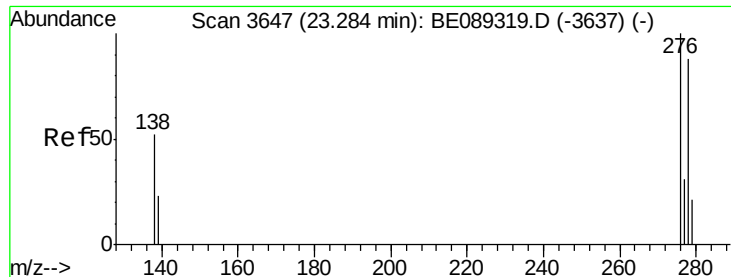


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

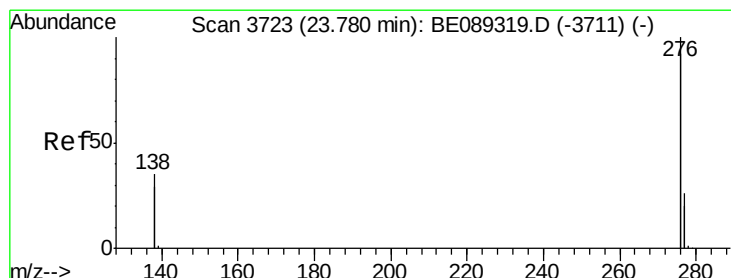
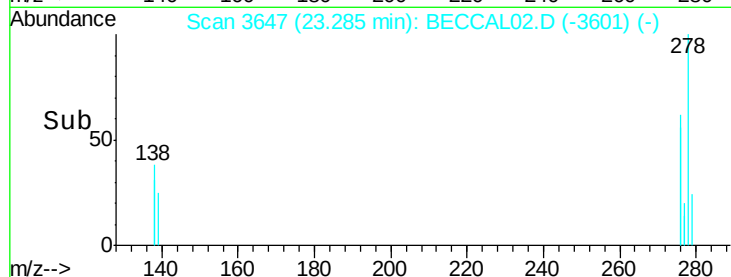
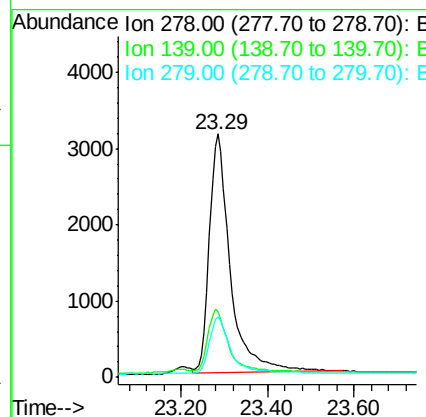
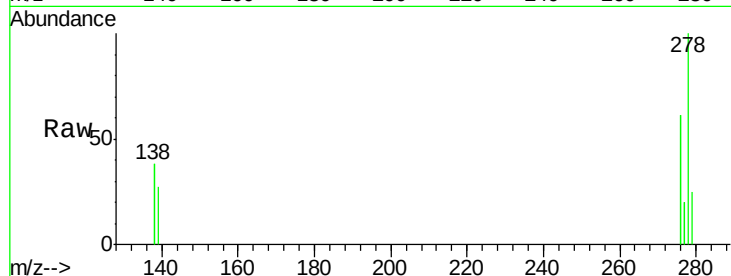




#27
Dibenzo(a,h)anthracene
Concen: 0.10 ng/ul
RT: 23.29 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BECCAL02.D
Acq: 5 Jan 2015 21:29

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 10599
Ion Ratio Lower Upper
278 100
139 26.8 0.0 0.0#
279 24.7 24.0 36.0



#28
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 23.79 min Scan# 3724
Delta R.T. 0.01 min
Lab File: BECCAL02.D
Acq: 5 Jan 2015 21:29

Tgt Ion:276 Resp: 48992
Ion Ratio Lower Upper
276 100
277 24.9 22.3 33.5
138 34.4 30.0 45.0

