

Data Path : Z:\HPCHEM1\BNA_E\Data\BE010515\
 Data File : BE089319.D
 Acq On : 5 Jan 2015 18:07
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 06 01:15:18 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

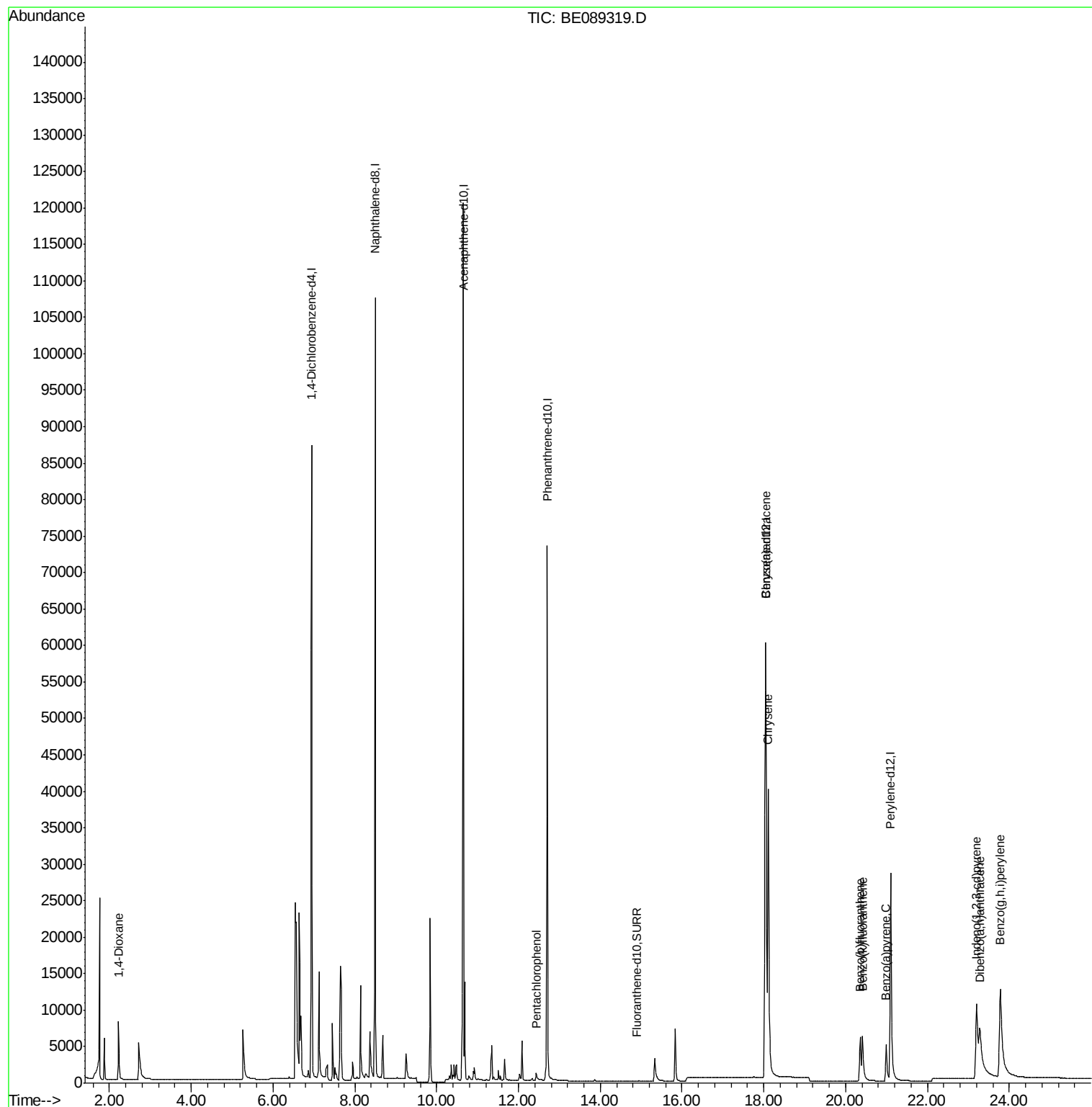
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31044	0.40	ng/ul	0.00
4) Naphthalene-d8	8.50	136	118599	0.40	ng/ul	0.00
8) Acenaphthene-d10	10.65	164	55818	0.40	ng/ul	0.00
12) Phenanthrene-d10	12.71	188	82839	0.40	ng/ul	0.00
18) Chrysene-d12	18.05	240	55817	0.40	ng/ul	0.00
22) Perylene-d12	21.10	264	46773	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	1	0.00	ng/ul	0.00
Target Compounds						
3) 1,4-Dioxane	2.23	88	4765	0.09	ng/ul	Qvalue 99
13) Pentachlorophenol	12.44	266	1206	0.14	ng/ul	97
20) Benzo(a)anthracene	18.03	228	52113	0.41	ng/ul	97
21) Chrysene	18.11	228	59921	0.39	ng/ul	97
23) Benzo(b)fluoranthene	20.35	252	9569	0.08	ng/ul	97
24) Benzo(k)fluoranthene	20.41	252	13876	0.09	ng/ul	97
25) Benzo(a)pyrene	20.99	252	9015	0.08	ng/ul	95
26) Indeno(1,2,3-cd)pyrene	23.20	276	23363	0.07	ng/ul	99
27) Dibenzo(a,h)anthracene	23.28	278	7113	0.07	ng/ul#	93
28) Benzo(g,h,i)perylene	23.78	276	38181	0.08	ng/ul	96

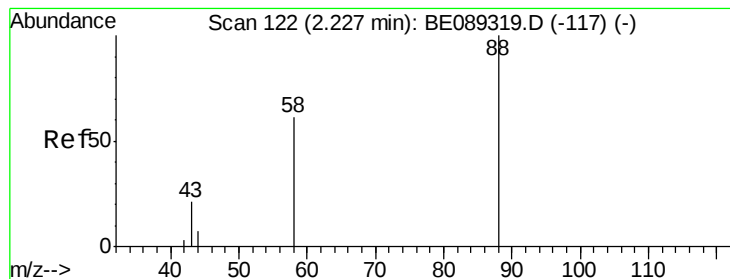
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.09 ng/ul

RT: 2.23 min Scan# 122

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

Instrument :

BNA_E

ClientSampleId :

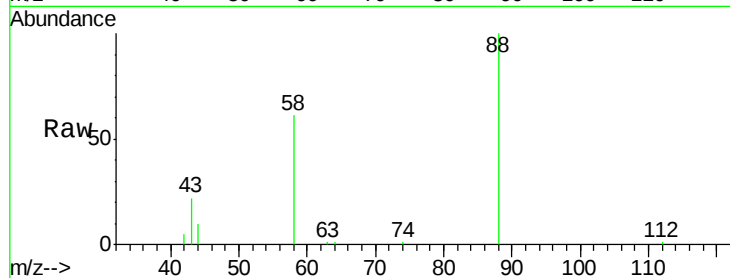
Tgt Ion: 88 Resp: 4765

Ion Ratio Lower Upper

88 100

58 77.5 61.5 92.3

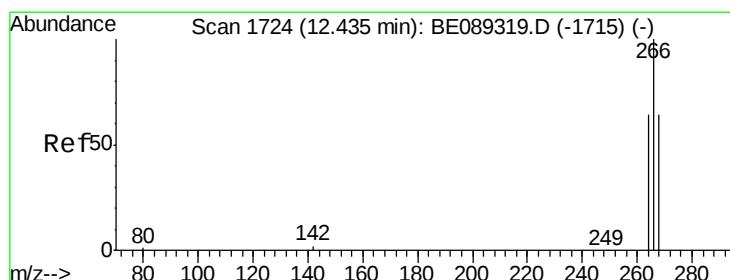
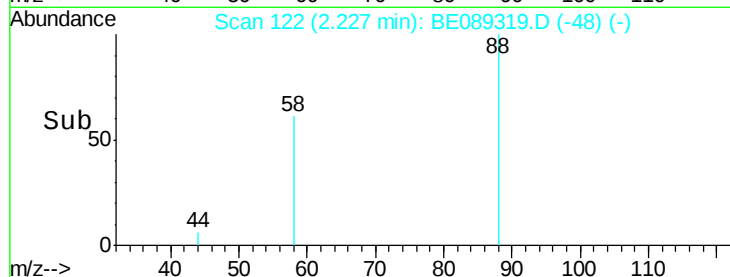
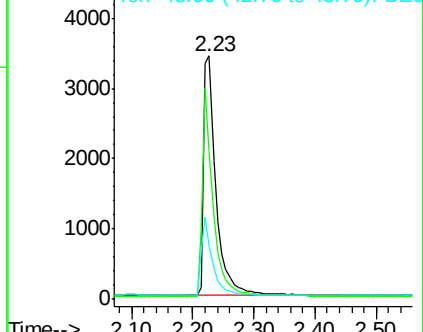
43 29.6 23.9 35.9



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



#13

Pentachlorophenol

Concen: 0.14 ng/ul

RT: 12.44 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

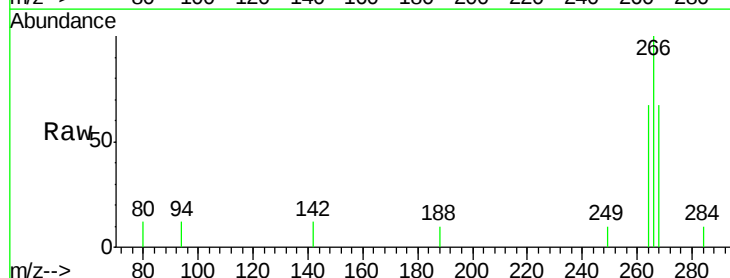
Tgt Ion: 266 Resp: 1206

Ion Ratio Lower Upper

266 100

264 61.9 48.7 73.1

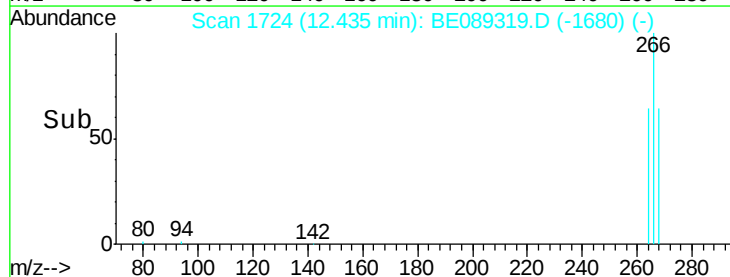
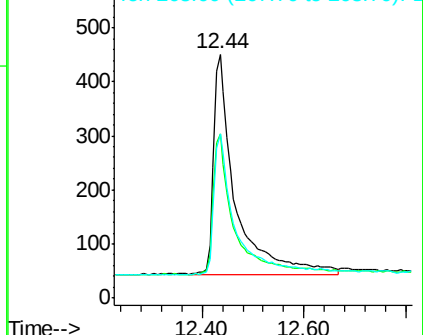
268 63.2 52.9 79.3

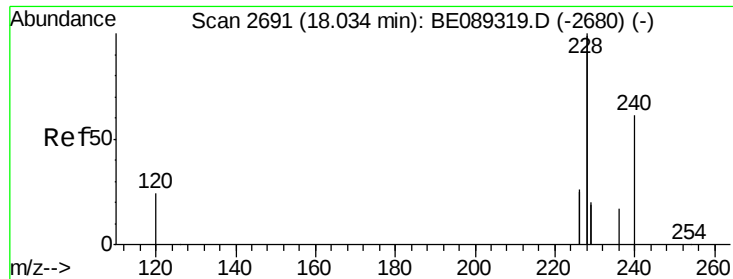


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

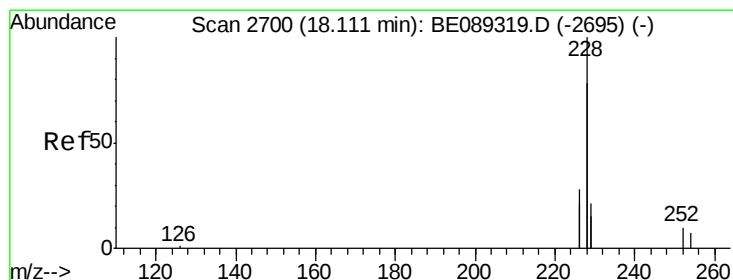
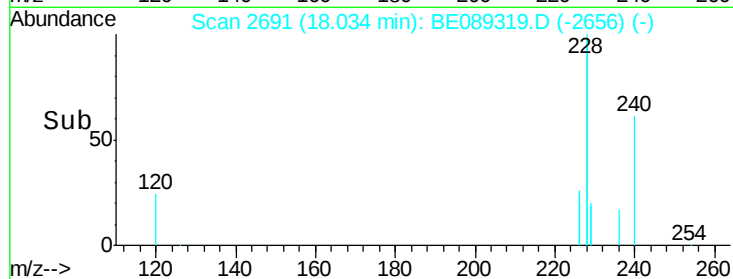
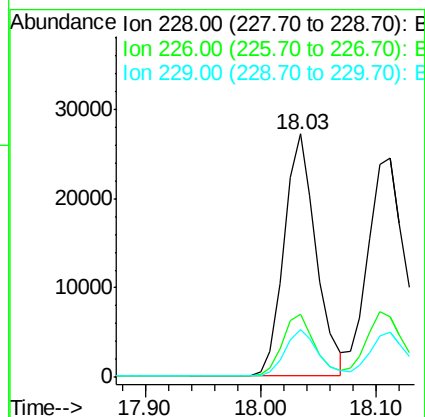
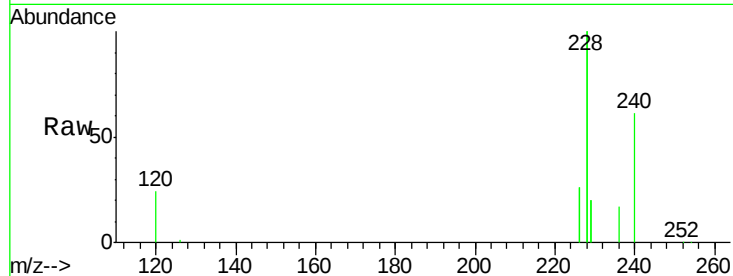




#20
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 18.03 min Scan# 2691
Delta R.T. 0.00 min
Lab File: BE089319.D
Acq: 5 Jan 2015 18:07

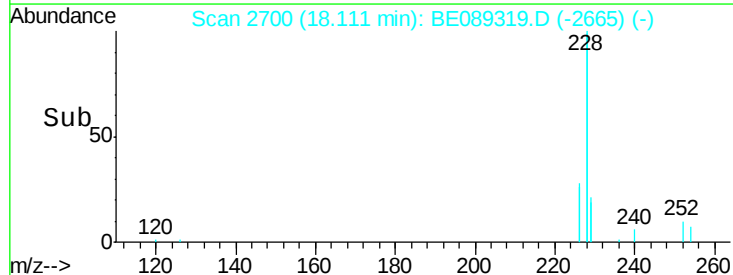
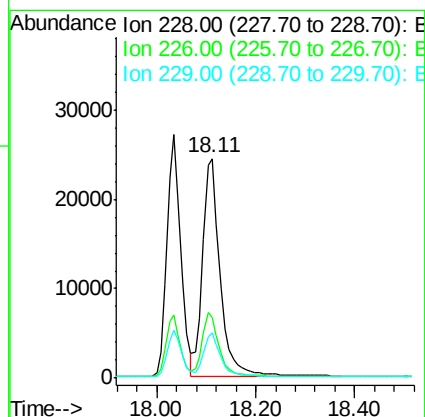
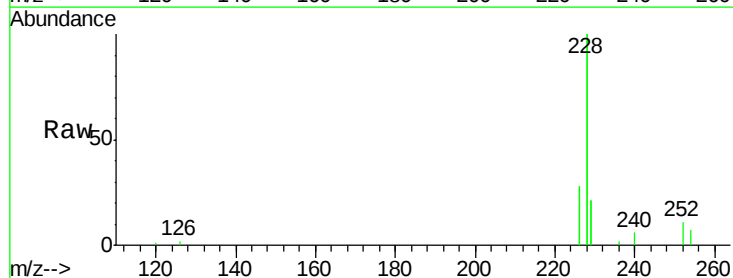
Instrument :
BNA_E
ClientSampleId :

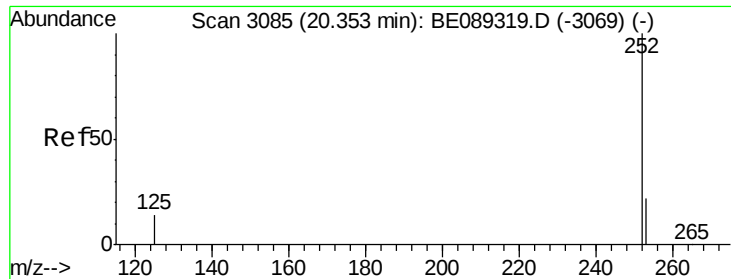
Tgt Ion:228 Resp: 52113
Ion Ratio Lower Upper
228 100
226 25.9 21.9 32.9
229 19.9 16.9 25.3



#21
Chrysene
Concen: 0.39 ng/ul
RT: 18.11 min Scan# 2700
Delta R.T. 0.00 min
Lab File: BE089319.D
Acq: 5 Jan 2015 18:07

Tgt Ion:228 Resp: 59921
Ion Ratio Lower Upper
228 100
226 27.8 23.9 35.9
229 20.6 16.8 25.2





#23

Benzo(b)fluoranthene

Concen: 0.08 ng/u1

RT: 20.35 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

Instrument :

BNA_E

ClientSampleId :

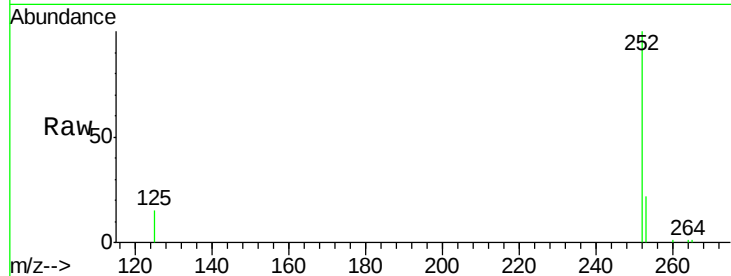
Tgt Ion:252 Resp: 9569

Ion Ratio Lower Upper

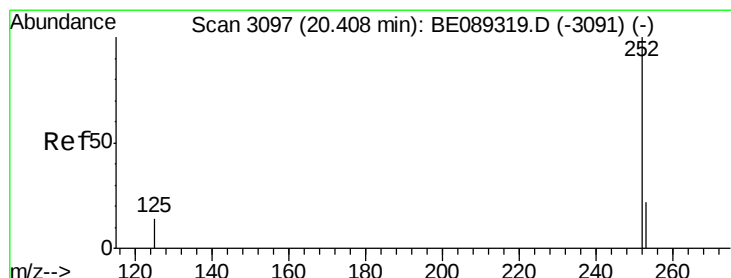
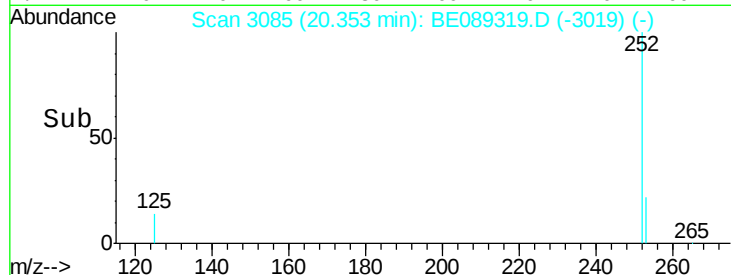
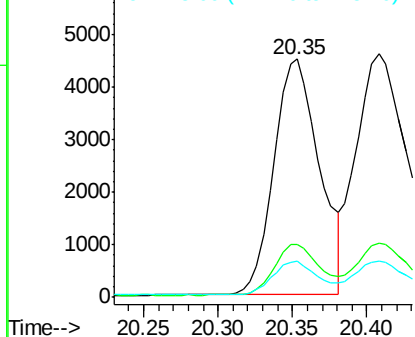
252 100

253 22.5 0.0 47.8

125 15.2 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/u1

RT: 20.41 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

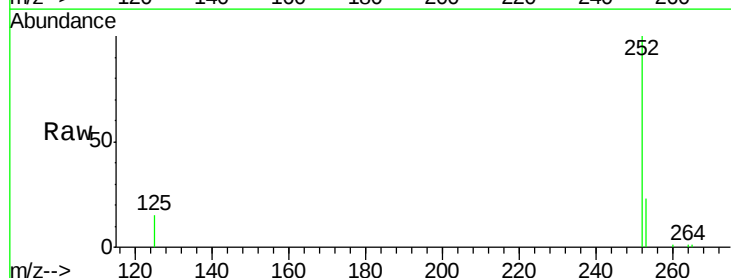
Tgt Ion:252 Resp: 13876

Ion Ratio Lower Upper

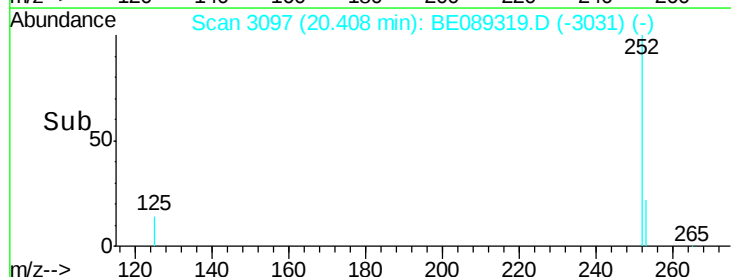
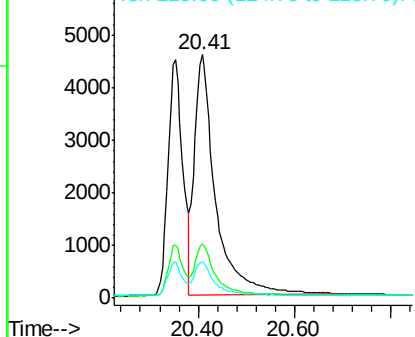
252 100

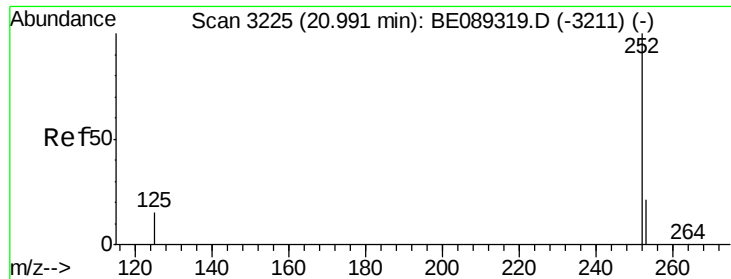
253 22.5 19.0 28.6

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: 0.08 ng/ul

RT: 20.99 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

Instrument :

BNA_E

ClientSampleId :

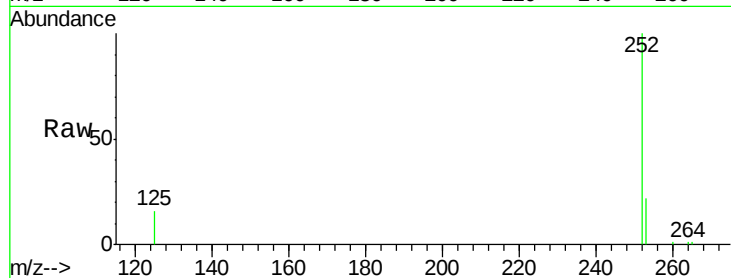
Tgt Ion: 252 Resp: 9015

Ion Ratio Lower Upper

252 100

253 22.4 19.7 29.5

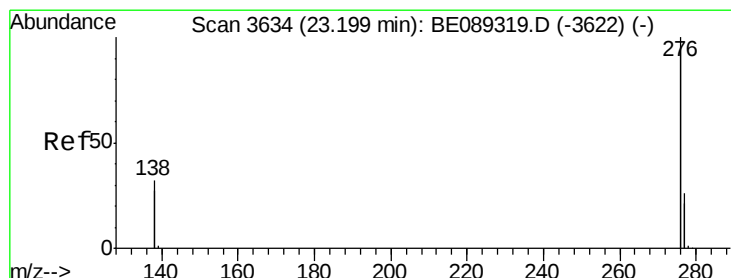
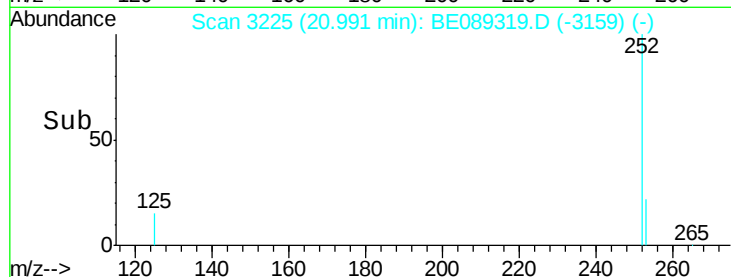
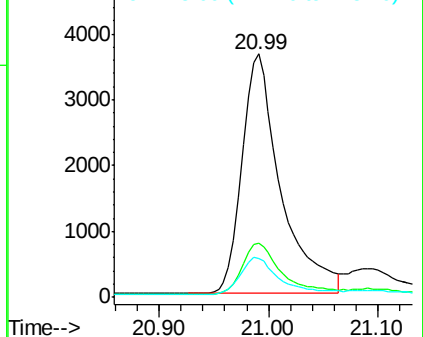
125 16.1 15.0 22.6



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: 0.07 ng/ul

RT: 23.20 min Scan# 3634

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

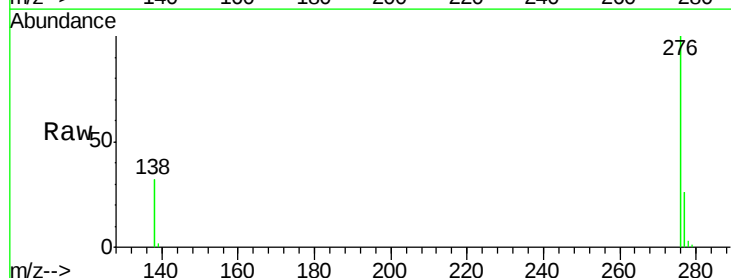
Tgt Ion: 276 Resp: 23363

Ion Ratio Lower Upper

276 100

138 29.4 23.8 35.8

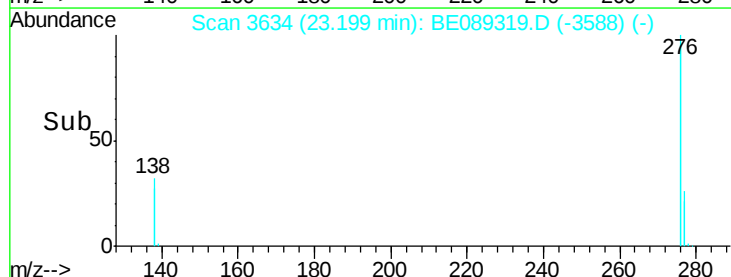
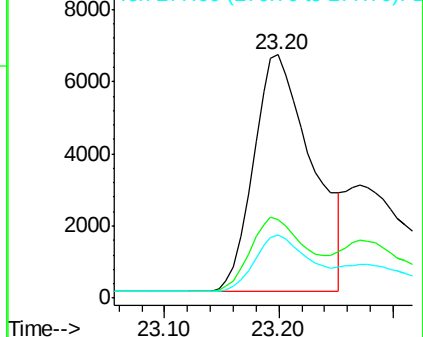
277 22.5 18.9 28.3

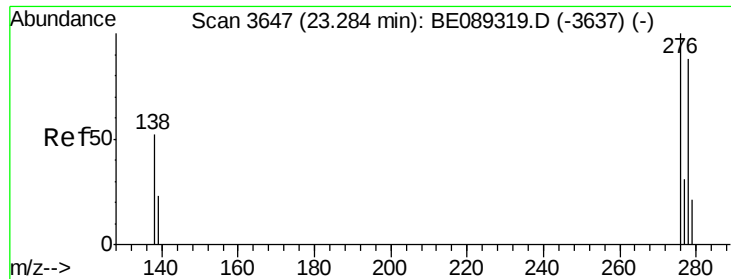


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.07 ng/ul

RT: 23.28 min Scan# 3647

Delta R.T. 0.00 min

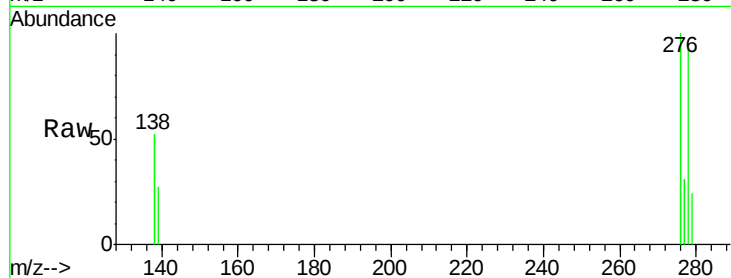
Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

Instrument :

BNA_E

ClientSampleId :



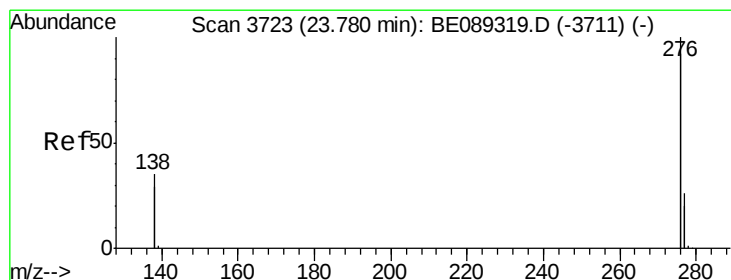
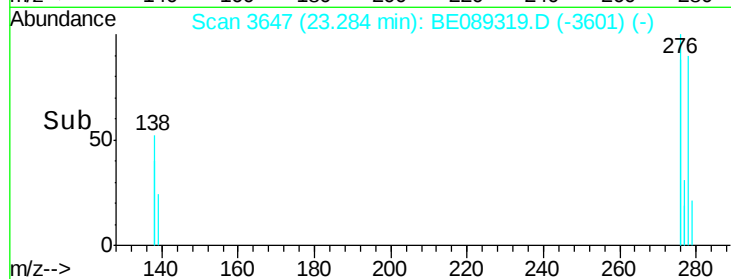
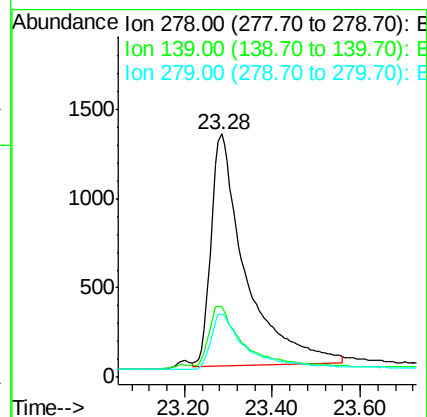
Tgt Ion:278 Resp: 7113

Ion Ratio Lower Upper

278 100

139 29.1 0.0 0.0#

279 26.1 24.0 36.0



#28

Benzo(g,h,i)perylene

Concen: 0.08 ng/ul

RT: 23.78 min Scan# 3723

Delta R.T. 0.00 min

Lab File: BE089319.D

Acq: 5 Jan 2015 18:07

Tgt Ion:276 Resp: 38181

Ion Ratio Lower Upper

276 100

277 25.8 22.3 33.5

138 35.0 30.0 45.0

