

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094605.D
 Acq On : 27 Oct 2017 20:42
 Operator : SJ/JU
 Sample : I5842-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Quant Time: Oct 30 01:12:08 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 01:11:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1150	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6658	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	3831	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8318	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	8292	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	10083	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	1981	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	5387	0.22	ng/ul	0.00

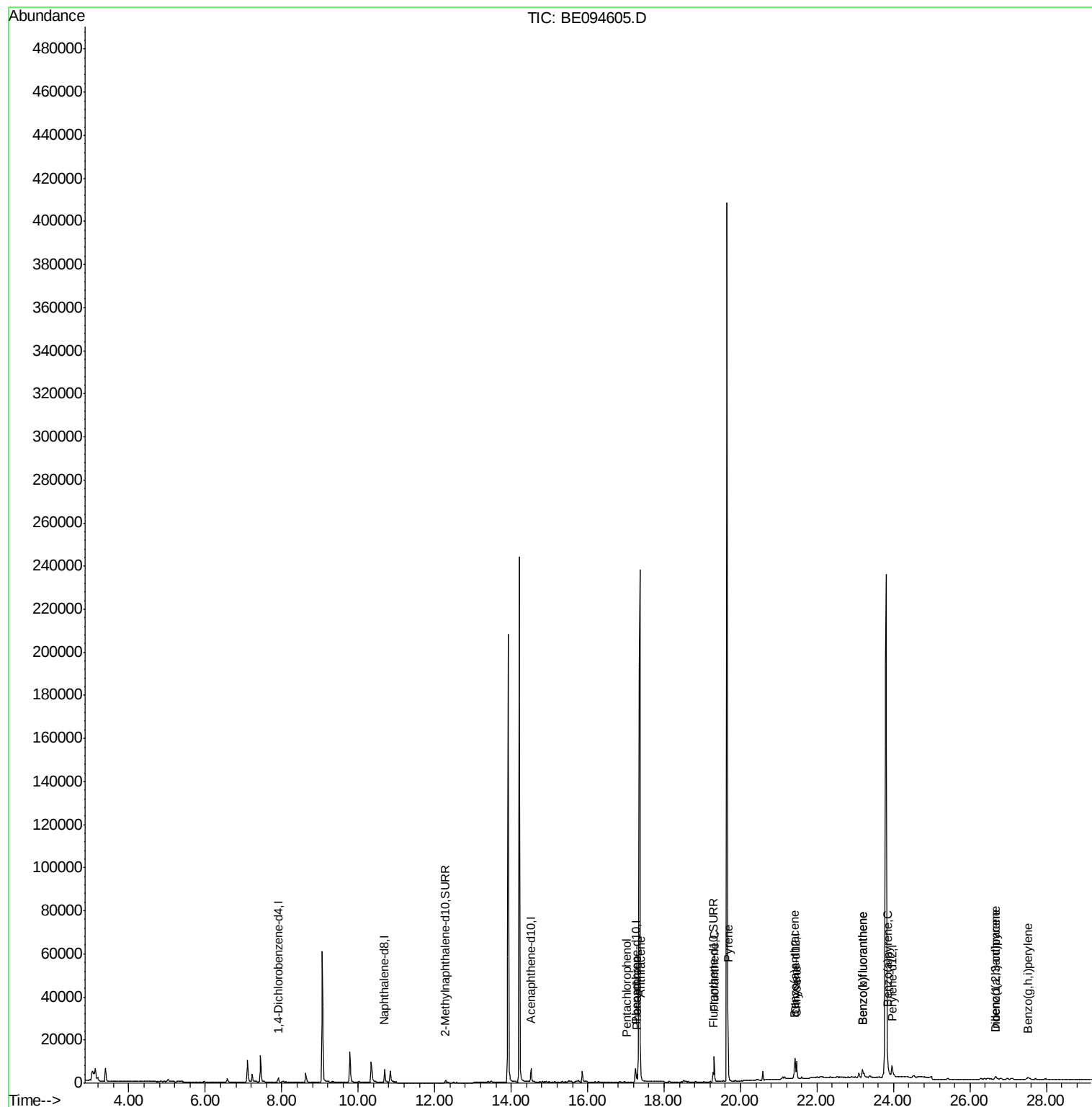
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) Pentachlorophenol	17.03	266	9	0.02	ng/ul#	42
12) Phenanthrene	17.29	178	3927	0.18	ng/ul#	89
13) Anthracene	17.38	178	2137	0.10	ng/ul#	92
15) Fluoranthene	19.31	202	13278	0.52	ng/ul	84
17) Pyrene	19.68	202	12516	0.49	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	5298	0.22	ng/ul#	86
19) Chrysene	21.47	228	8143	0.33	ng/ul#	89
21) Benzo(b)fluoranthene	23.19	252	9079	0.32	ng/ul#	78
22) Benzo(k)fluoranthene	23.19	252	9079	0.30	ng/ul#	76
23) Benzo(a)pyrene	23.85	252	4020	0.14	ng/ul#	72
24) Indeno(1,2,3-cd)pyrene	26.67	276	2607	0.09	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.66	278	581	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	27.51	276	1891	0.08	ng/ul#	39

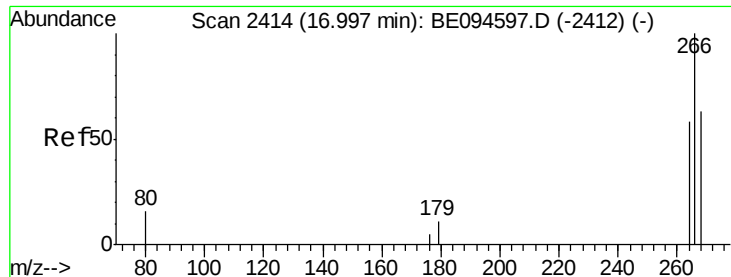
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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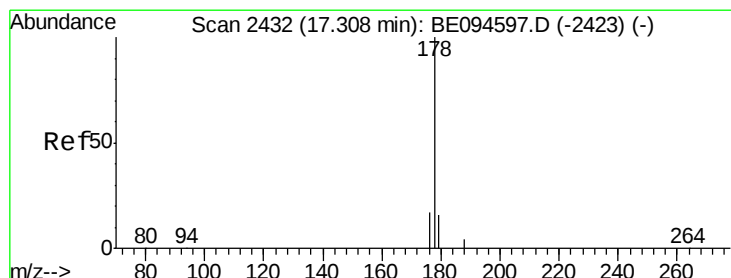
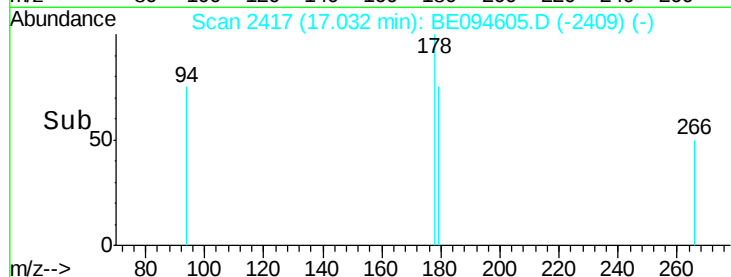
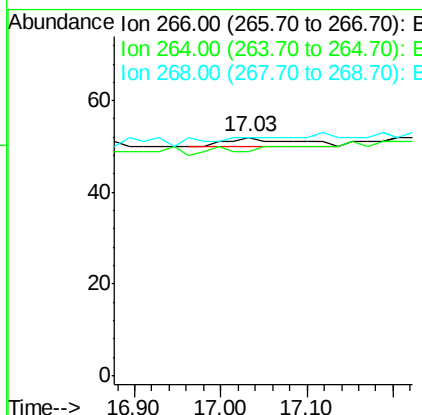
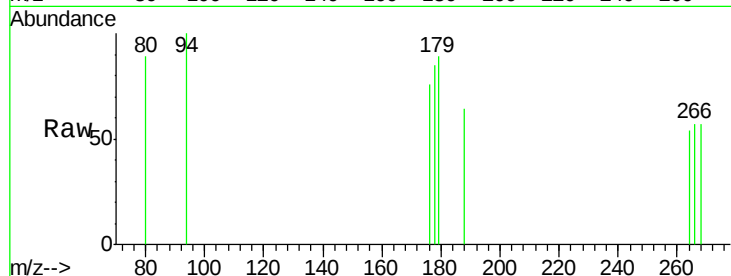




#11
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 17.03 min Scan# 2417
 Delta R.T. 0.04 min
 Lab File: BE094605.D
 Acq: 27 Oct 2017 20:42

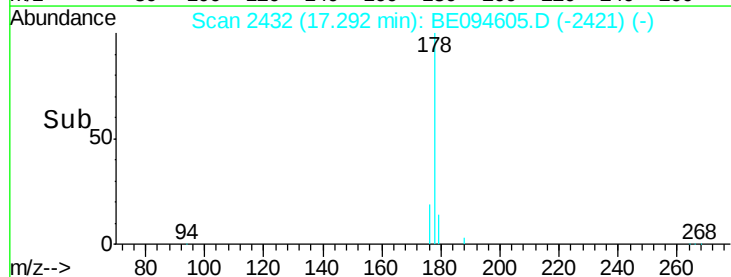
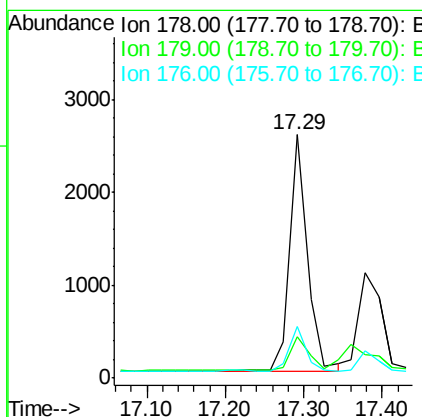
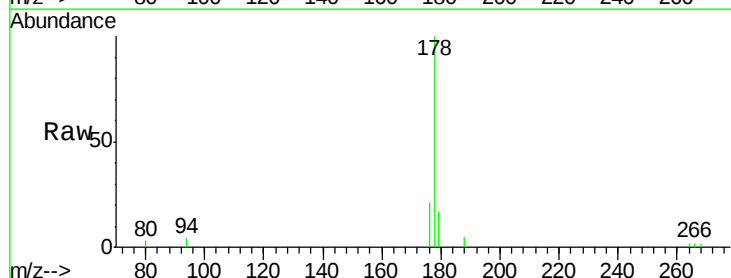
Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

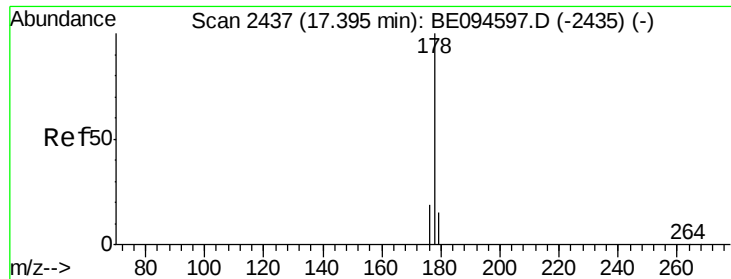
Tot Ion:266 Resp: 9
 Ion Ratio Lower Upper
 266 100
 264 33.3 47.9 71.9#
 268 0.0 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.18 ng/ul
 RT: 17.29 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BE094605.D
 Acq: 27 Oct 2017 20:42

Tgt Ion:178 Resp: 3927
 Ion Ratio Lower Upper
 178 100
 179 17.1 18.4 27.6#
 176 21.2 13.6 20.4#





#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.38 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AC1

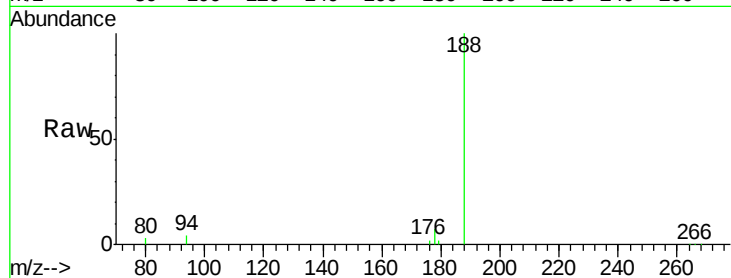
Tot Ion:178 Resp: 2137

Ion Ratio Lower Upper

178 100

179 22.9 18.1 27.1

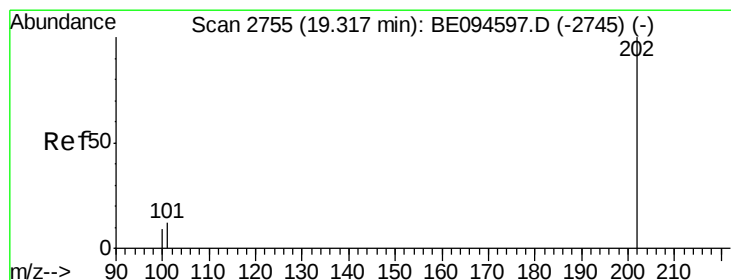
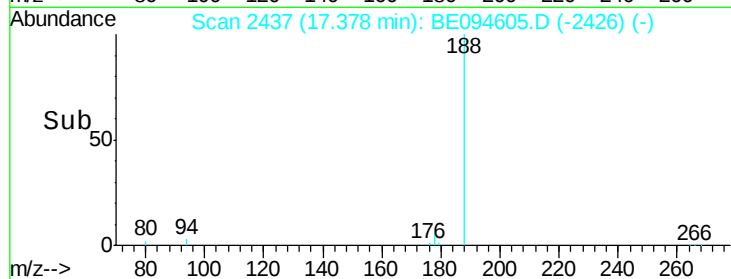
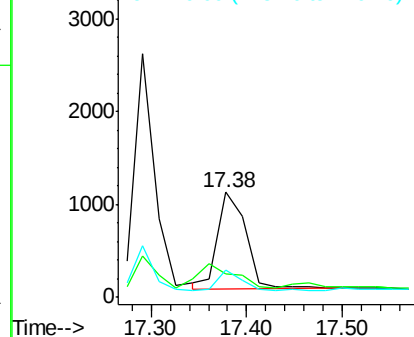
176 26.0 14.7 22.1#



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: 0.52 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

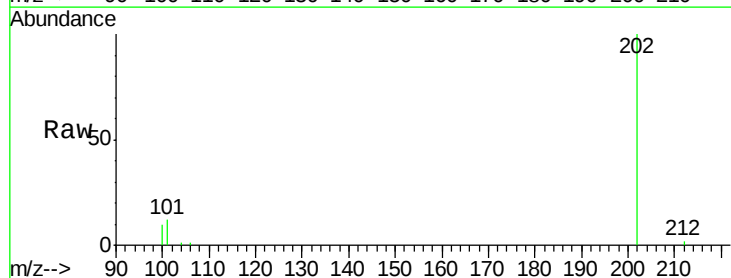
Tgt Ion:202 Resp: 13278

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

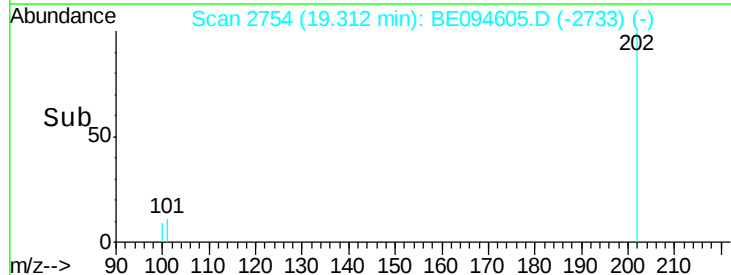
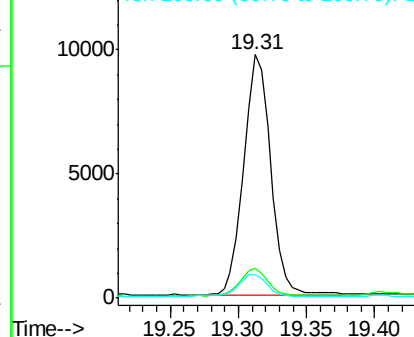
100 9.8 0.0 39.5

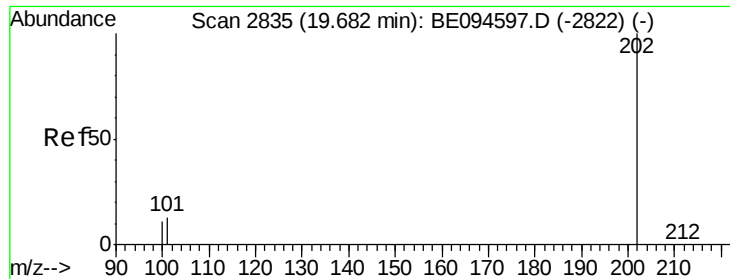


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

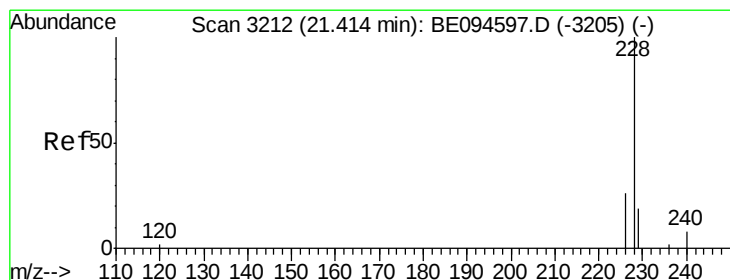
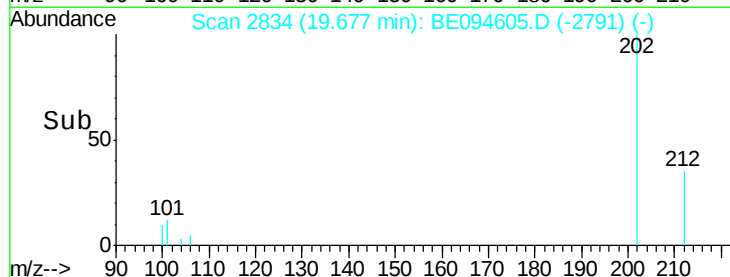
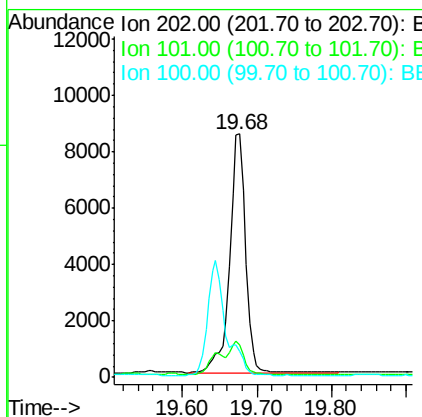
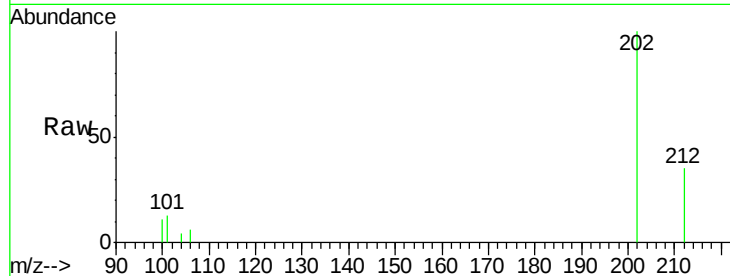




#17
Pvrene
Concen: 0.49 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BE094605.D
Acq: 27 Oct 2017 20:42

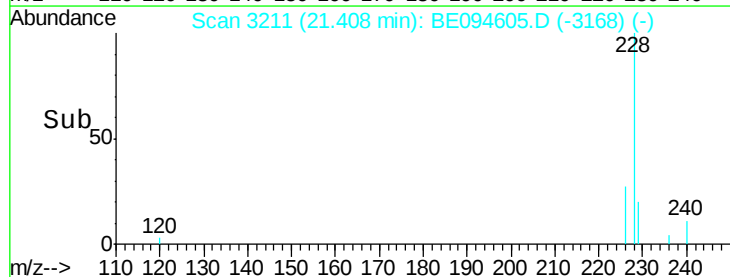
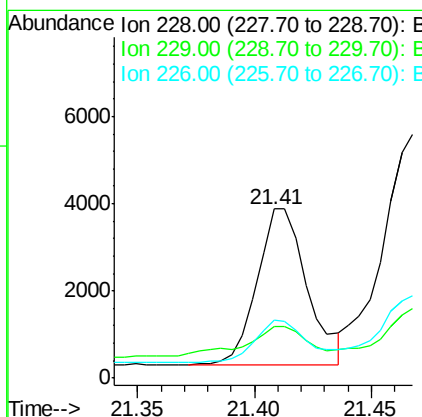
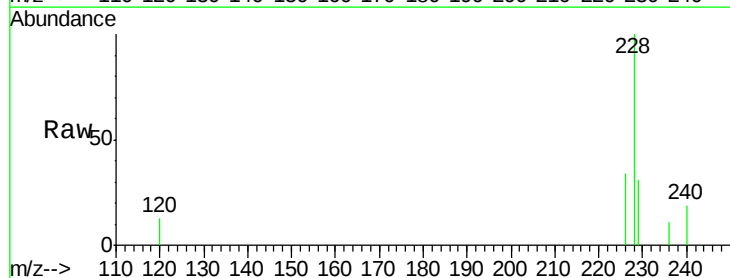
Instrument :
BNA_E
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C0AC1

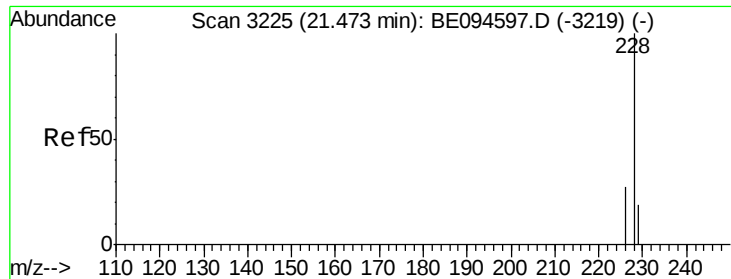
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	10.9	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.22 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BE094605.D
Acq: 27 Oct 2017 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.7	22.8	34.2
226	34.0	17.0	25.6#





#19

Chrysene

Concen: 0.33 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AC1

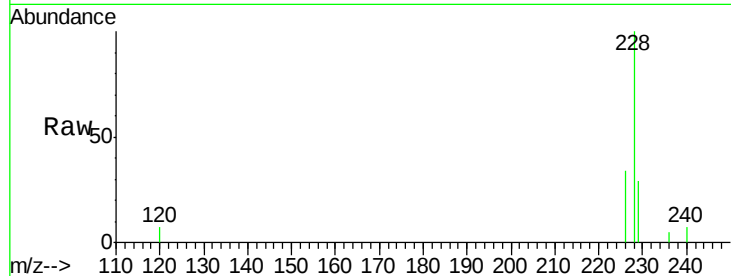
Tot Ion:228 Resp: 8143

Ion Ratio Lower Upper

228 100

226 34.0 23.4 35.0

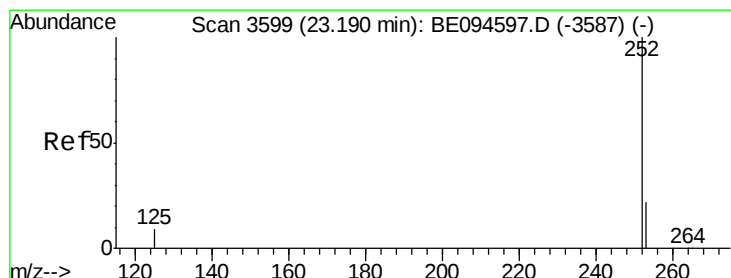
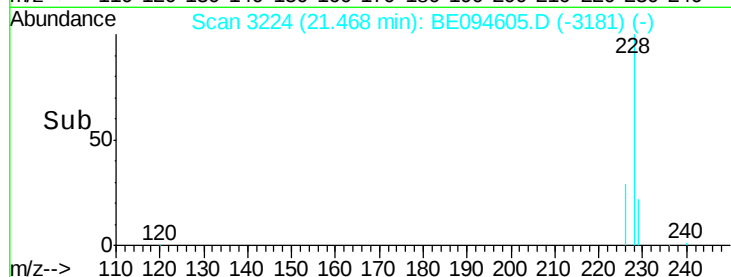
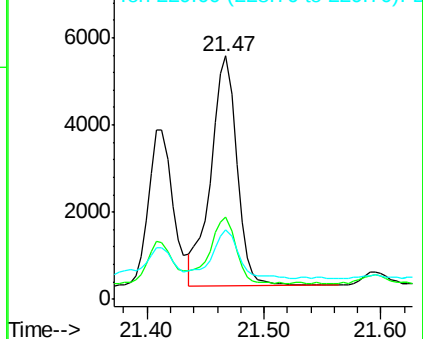
229 28.8 17.7 26.5#



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: 0.32 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

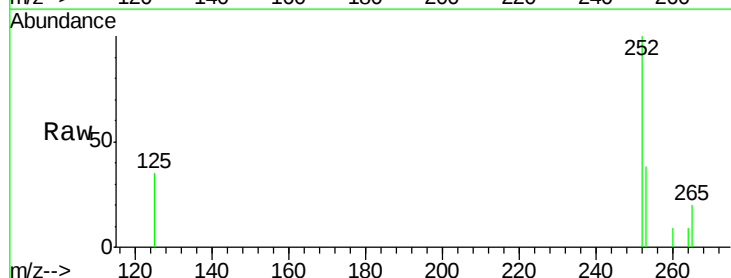
Tgt Ion:252 Resp: 9079

Ion Ratio Lower Upper

252 100

253 38.4 0.0 64.2

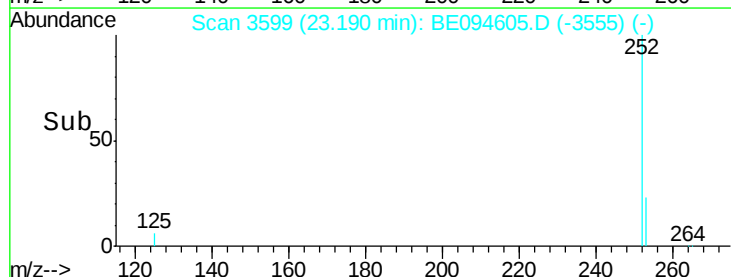
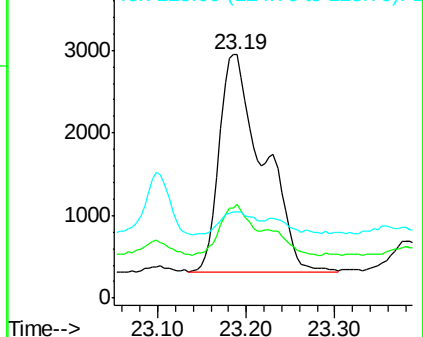
125 35.2 0.0 35.0#

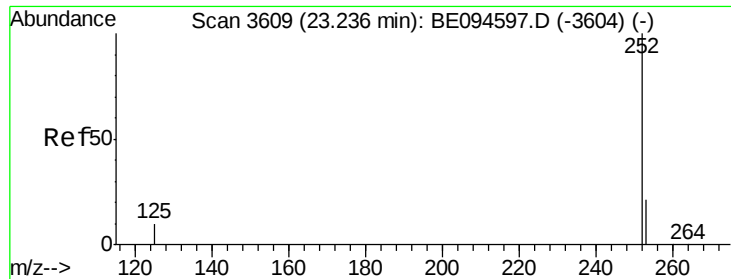


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.30 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.05 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AC1

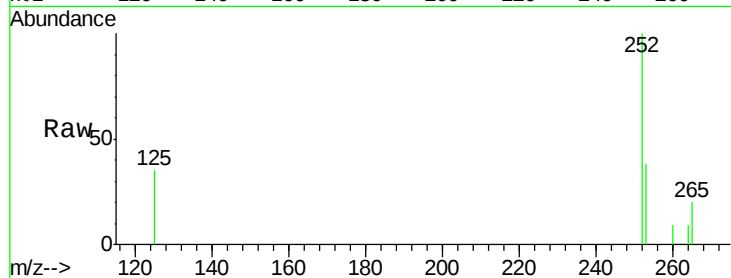
Tot Ion:252 Resp: 9079

Ion Ratio Lower Upper

252 100

253 38.4 24.5 36.7#

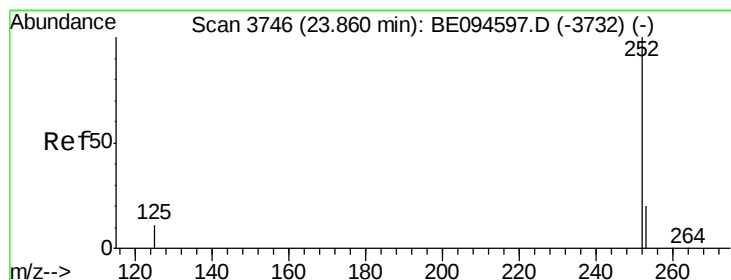
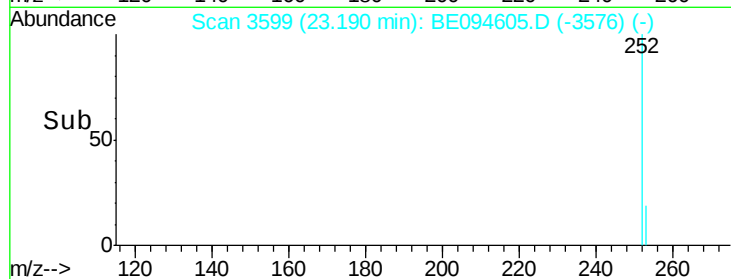
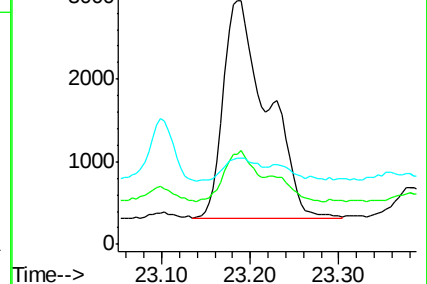
125 35.2 13.7 20.5#



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: 0.14 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

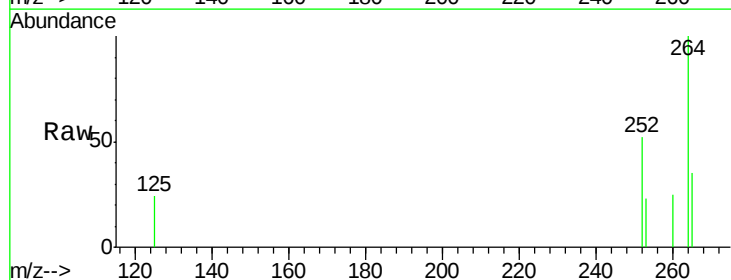
Tgt Ion:252 Resp: 4020

Ion Ratio Lower Upper

252 100

253 43.5 28.5 42.7#

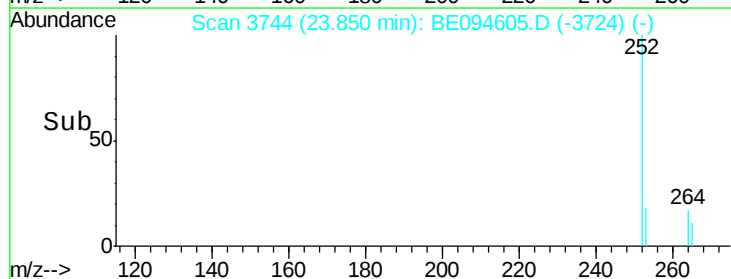
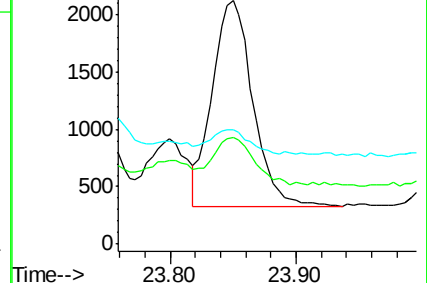
125 46.7 18.1 27.1#

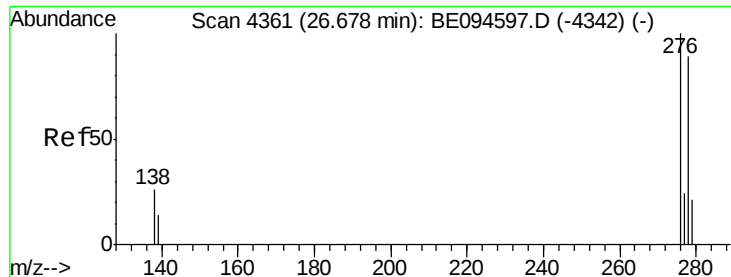


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.09 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

Instrument :

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C0AC1

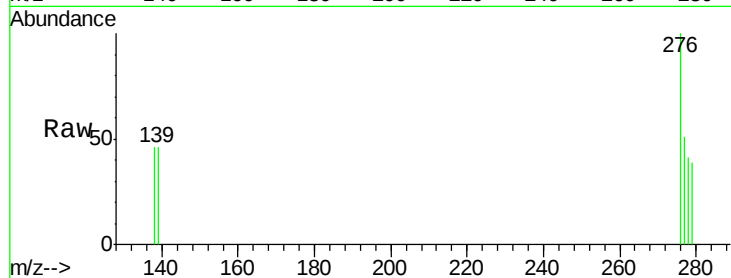
Tot Ion:276 Resp: 2607

Ion Ratio Lower Upper

276 100

138 19.1 28.0 42.0#

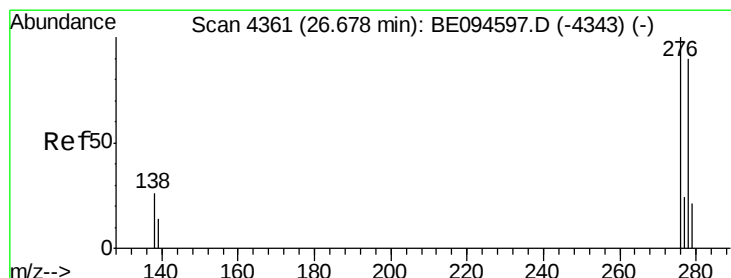
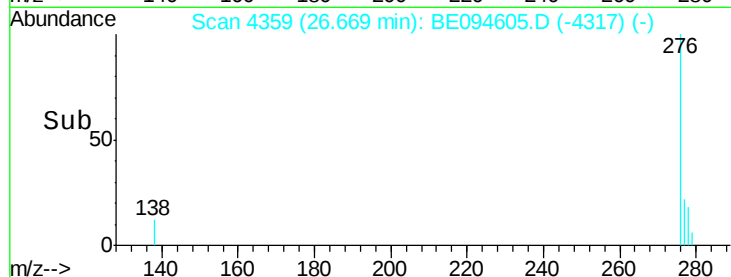
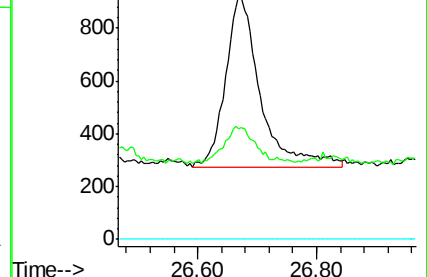
227 0.0 8.0 12.0#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.02 ng/ul

RT: 26.66 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BE094605.D

Acq: 27 Oct 2017 20:42

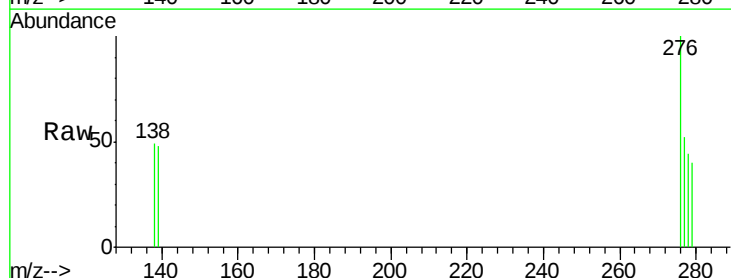
Tgt Ion:278 Resp: 581

Ion Ratio Lower Upper

278 100

139 109.5 17.4 26.0#

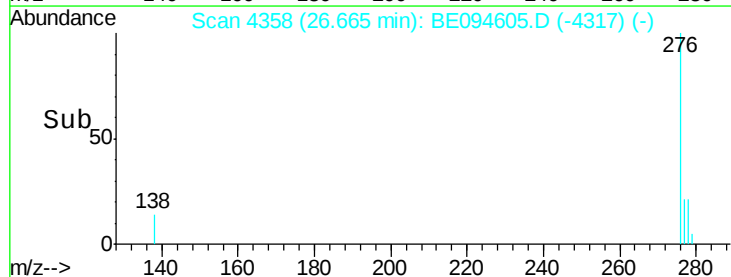
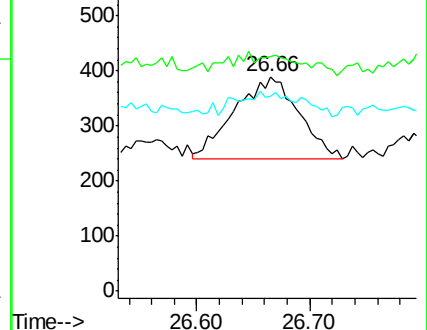
279 91.0 25.9 38.9#

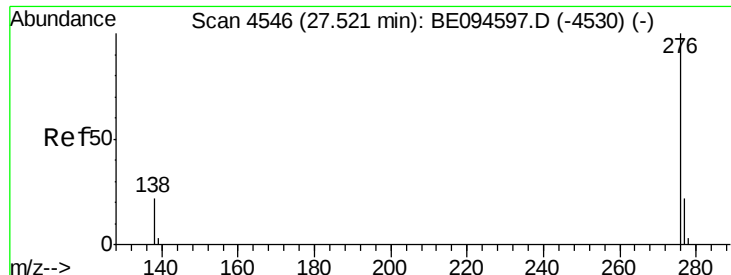


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.08 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.01 min

Lab File: BE094605.D

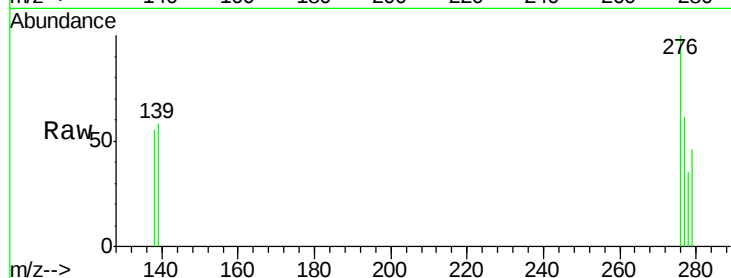
Acq: 27 Oct 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AC1



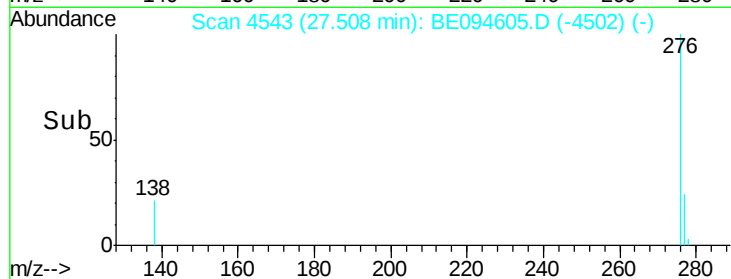
Tot Ion: 276 Resp: 1891

Ion Ratio Lower Upper

276 100

138 54.8 21.8 32.8#

277 60.9 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

