

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100717\
 Data File : BE094200.D
 Acq On : 7 Oct 2017 13:33
 Operator : SJ/JU
 Sample : I5735-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AE2

Manual Integrations
 APPROVED

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 10/9/2017 6:52:50 PM

Quant Time: Oct 08 03:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1423	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7171	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4338	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9872m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.40	240	9849	0.40	ng/ul	-0.01
20) Perylene-d12	23.90	264	8661m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2807	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.26	212	9054	0.27	ng/ul	-0.02
Target Compounds						
3) Naphthalene	10.73	128	656	0.04	ng/ul#	80
8) Acenaphthene	14.57	153	422	0.03	ng/ul	95
12) Phenanthrene	17.27	178	2450m	0.09	ng/ul	
15) Fluoranthene	19.29	202	3052	0.09	ng/ul	86
17) Pyrene	19.65	202	3988	0.15	ng/ul	93
18) Benzo(a)anthracene	21.38	228	1435	0.05	ng/ul#	81
19) Chrysene	21.44	228	2002	0.07	ng/ul#	84
21) Benzo(b)fluoranthene	23.14	252	2421m	0.10	ng/ul	
23) Benzo(a)pyrene	23.79	252	1428m	0.06	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	1144m	0.05	ng/ul	

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

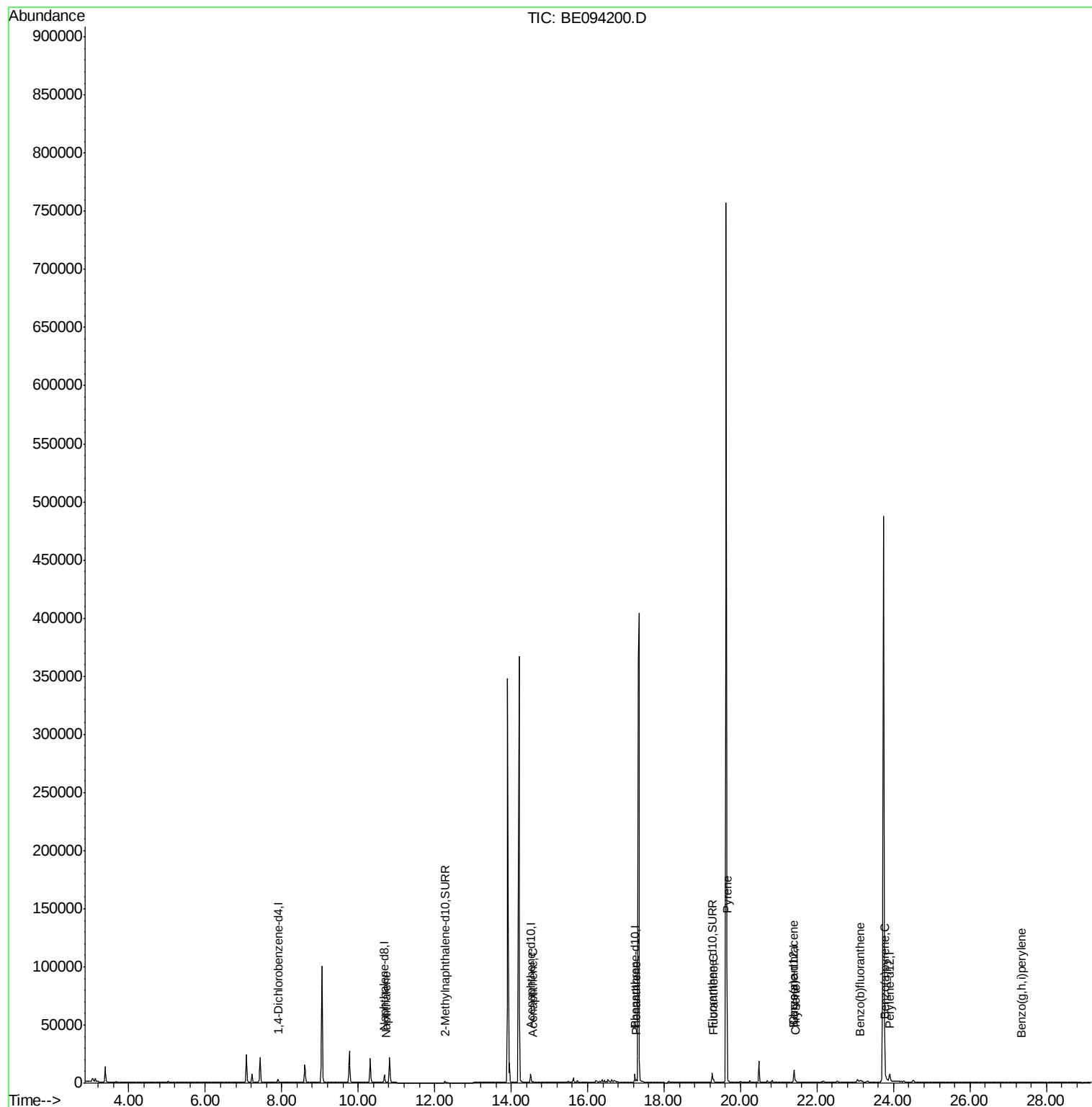
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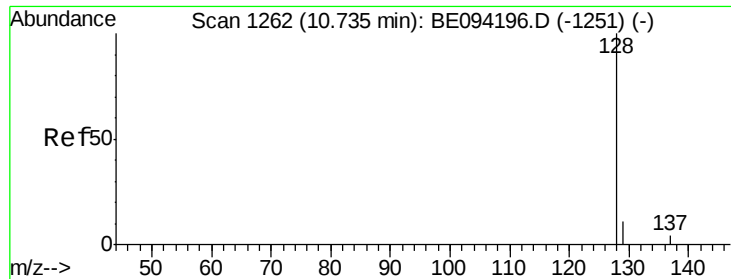
Instrument :
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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Instrument :

BNA_E

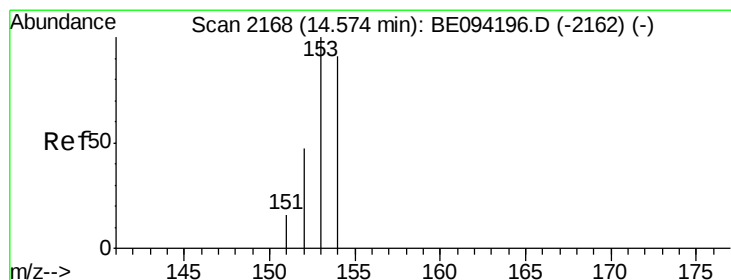
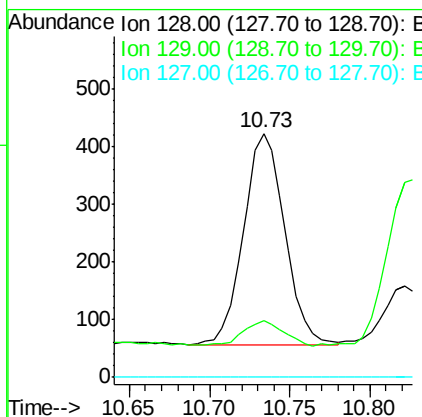
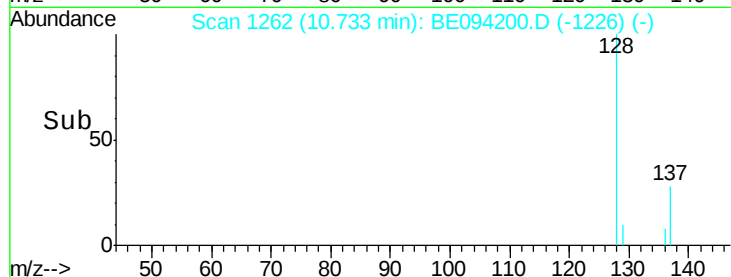
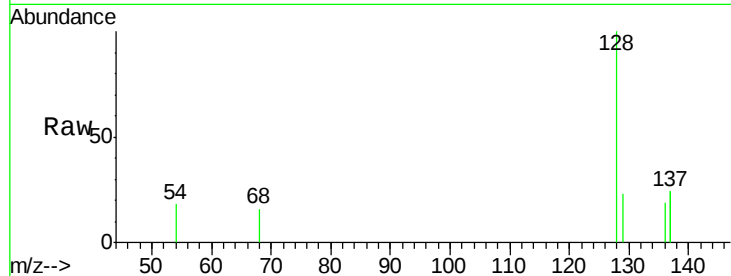
ClientSampled :

B0AE2

Tgt Ion:	128	Resp:	656
Ion Ratio	Lower	Upper	
128	100		
129	23.2	11.3	16.9#
127	0.0	4.0	6.0#

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#8

Acenaphthene

Concen: 0.03 ng/ul

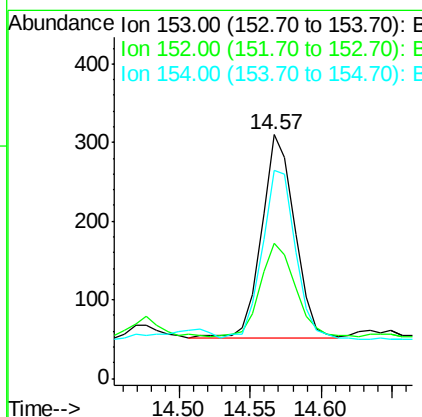
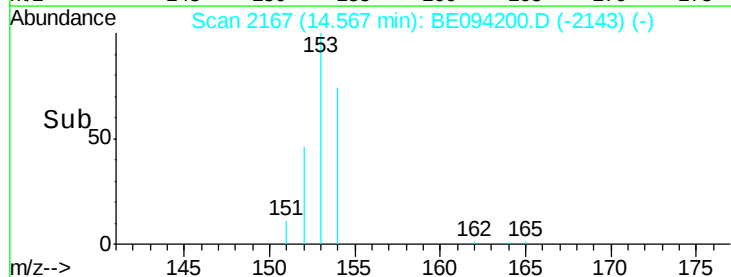
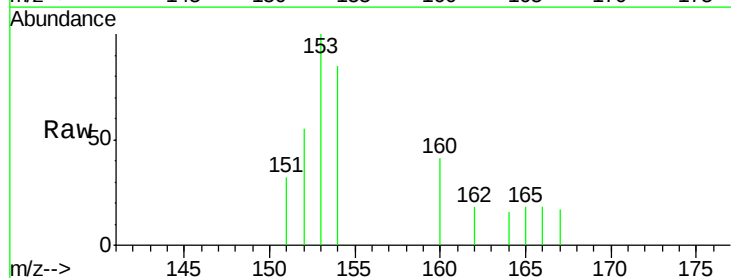
RT: 14.57 min Scan# 2167

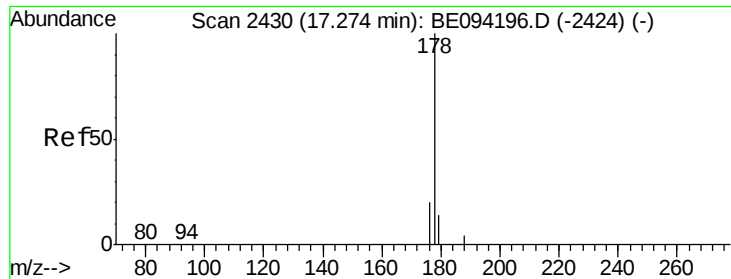
Delta R.T. -0.02 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Tgt Ion:	153	Resp:	422
Ion Ratio	Lower	Upper	
153	100		
152	55.5	40.3	60.5
154	85.5	71.4	107.2





#12

Phenanthrene

Concen: 0.09 ng/ul m

RT: 17.27 min Scan# 2430

Delta R.T. -0.03 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Instrument :

BNA_E

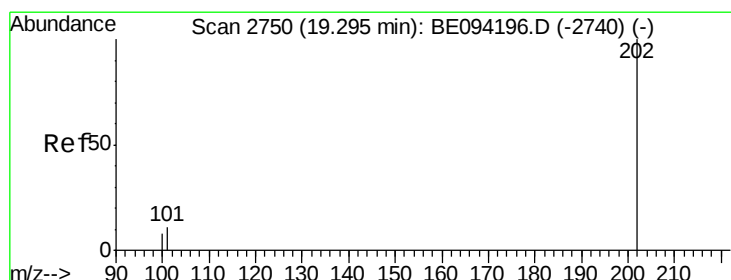
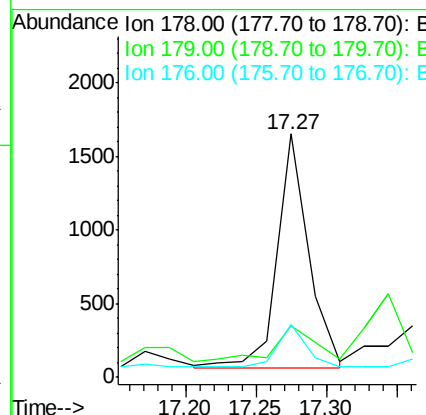
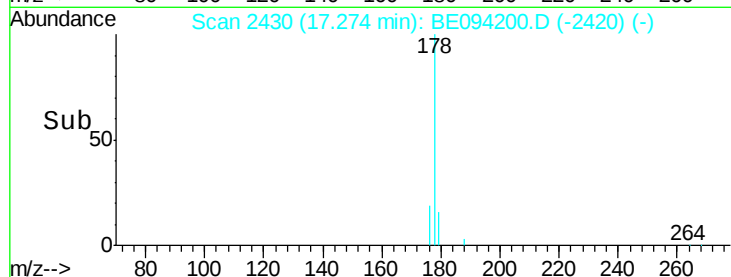
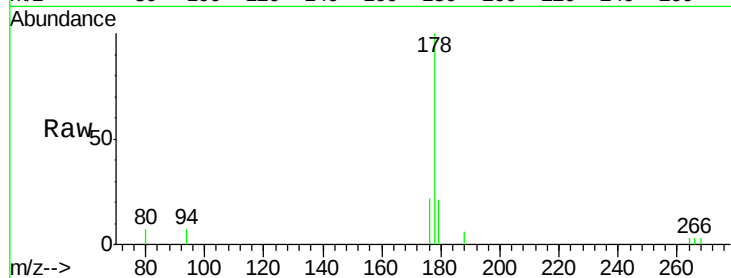
ClientSampleId :

B0AE2

Tgt Ion:	178	Resp:	2450
Ion Ratio	Lower	Upper	
178	100		
179	20.9	18.4	27.6
176	22.0	13.6	20.4#

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#15

Fluoranthene

Concen: 0.09 ng/ul

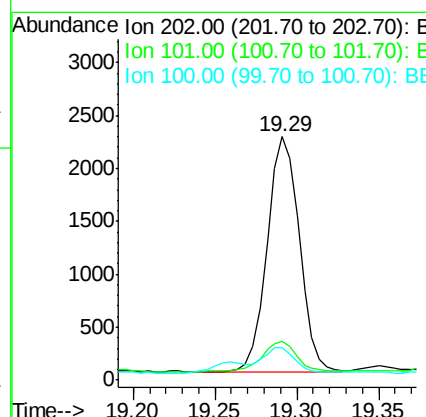
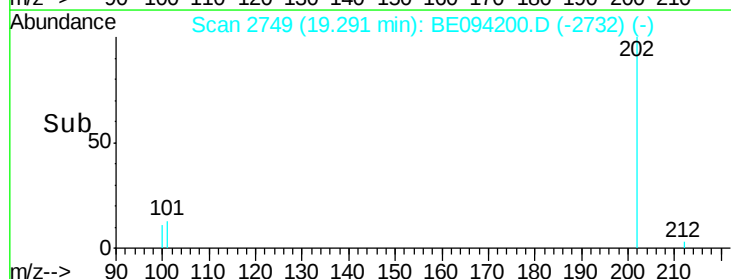
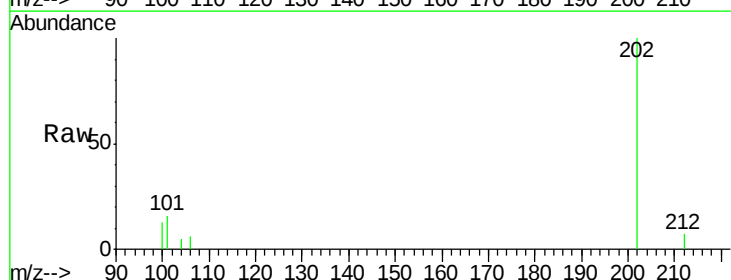
RT: 19.29 min Scan# 2749

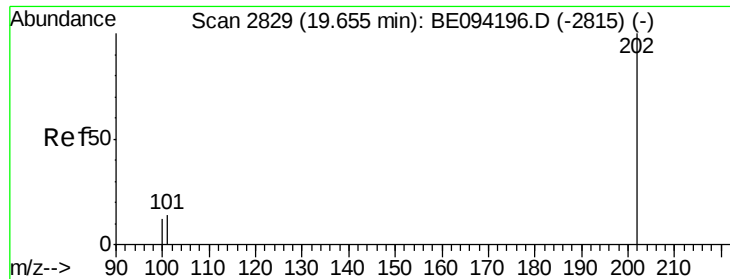
Delta R.T. -0.02 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Tgt Ion:	202	Resp:	3052
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	30.3
100	13.3	0.0	39.5





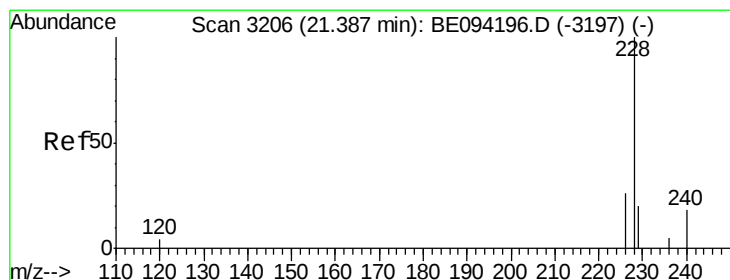
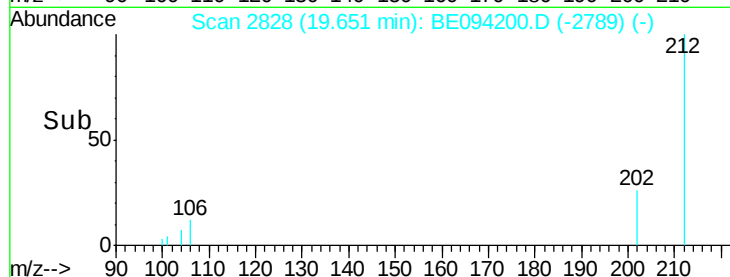
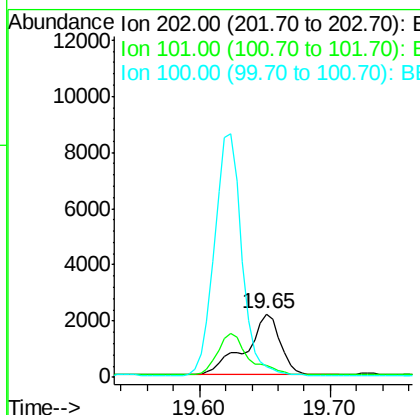
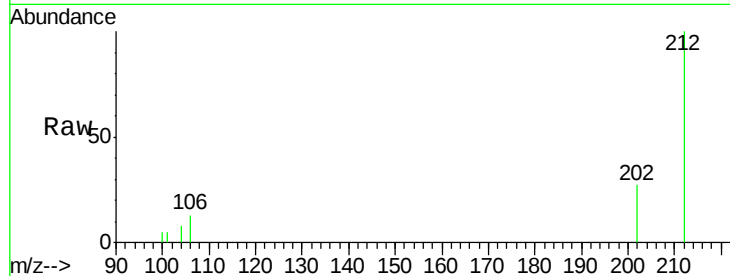
#17
Pyrene
Concen: 0.15 ng/ul
RT: 19.65 min Scan# 2828
Delta R.T. -0.02 min
Lab File: BE094200.D
Acq: 7 Oct 2017 13:33

Instrument :
BNA_E
ClientSampleId :
B0AE2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.3	18.2	27.4
100	17.3	15.6	23.4

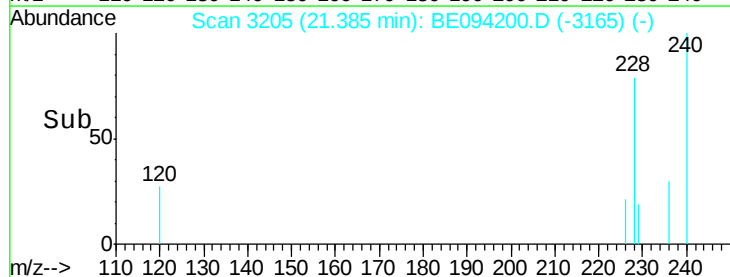
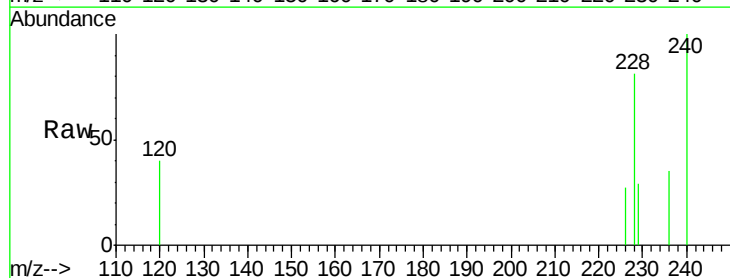
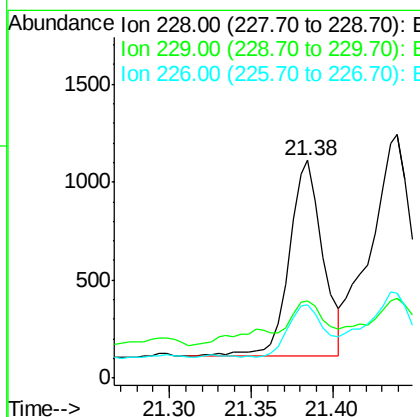
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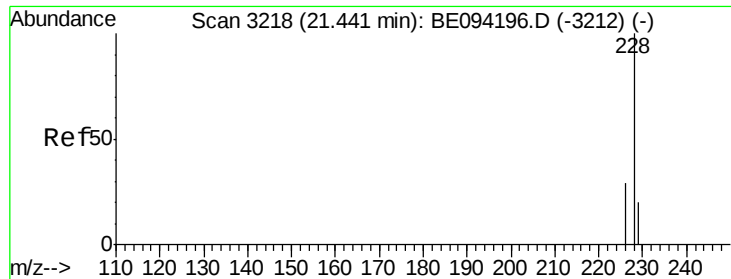
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#18
Benzo(a)anthracene
Concen: 0.05 ng/ul
RT: 21.38 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BE094200.D
Acq: 7 Oct 2017 13:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	35.3	22.8	34.2#
226	33.6	17.0	25.6#





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.44 min Scan# 3217

Delta R.T. -0.01 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Instrument :

BNA_E

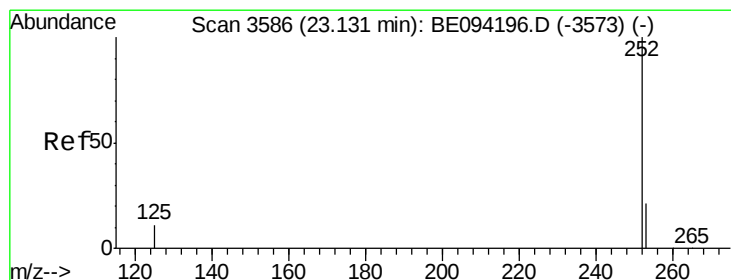
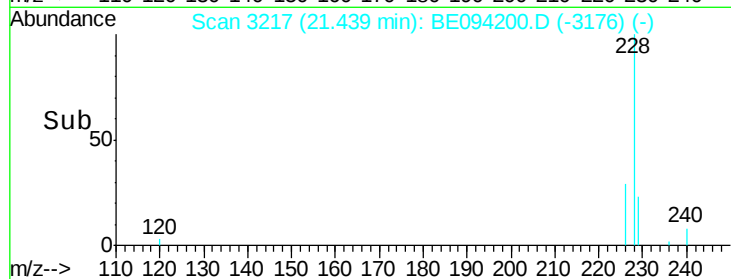
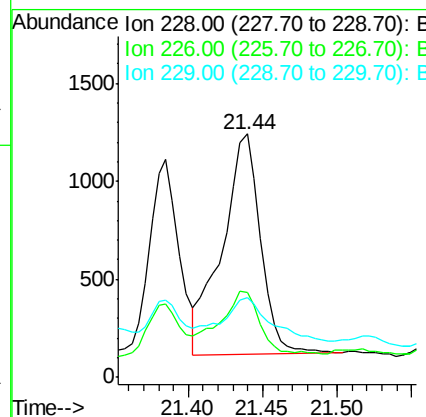
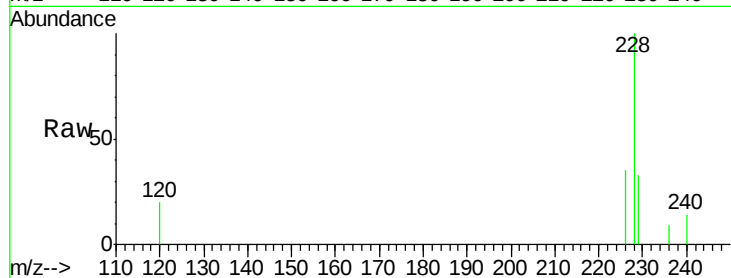
ClientSampleId :

B0AE2

Tgt Ion:	228	Resp:	2002
Ion Ratio	Lower	Upper	
228	100		
226	34.7	23.4	35.0
229	32.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.10 ng/ul m

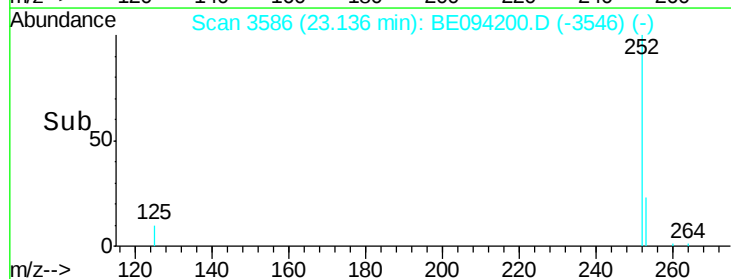
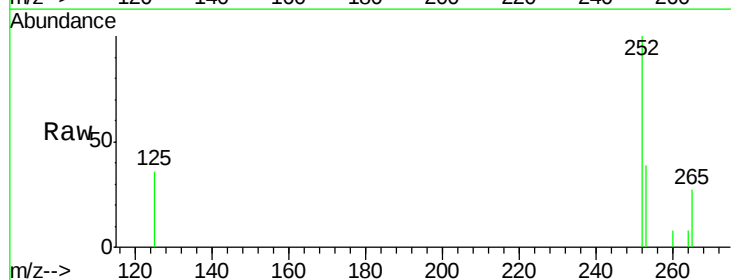
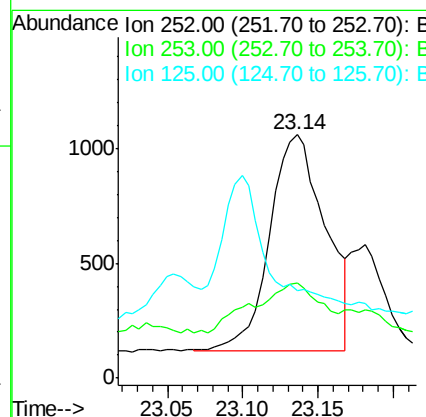
RT: 23.14 min Scan# 3586

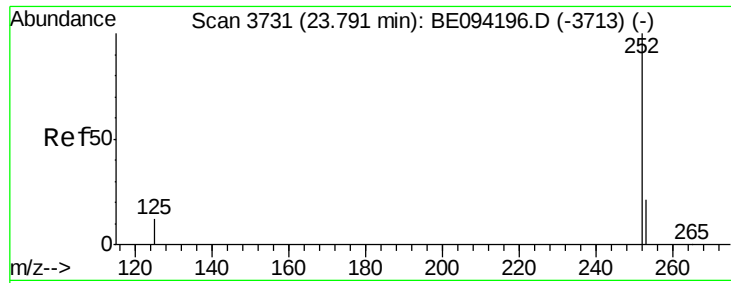
Delta R.T. -0.02 min

Lab File: BE094200.D

Acq: 7 Oct 2017 13:33

Tgt Ion:	252	Resp:	2421
Ion Ratio	Lower	Upper	
252	100		
253	39.1	0.0	64.2
125	36.0	0.0	35.0#





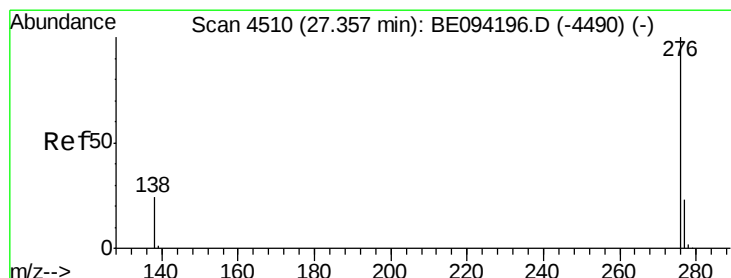
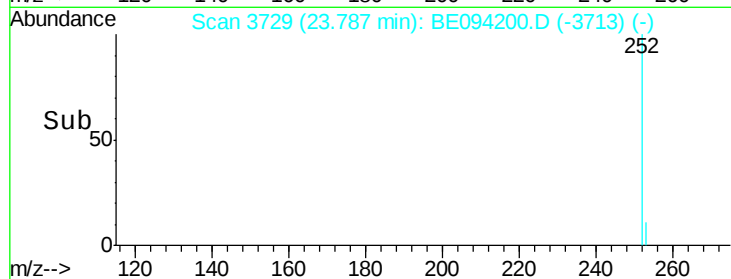
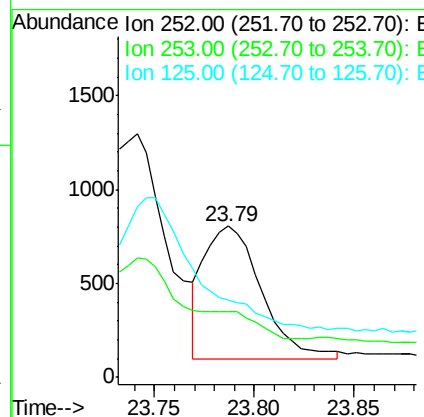
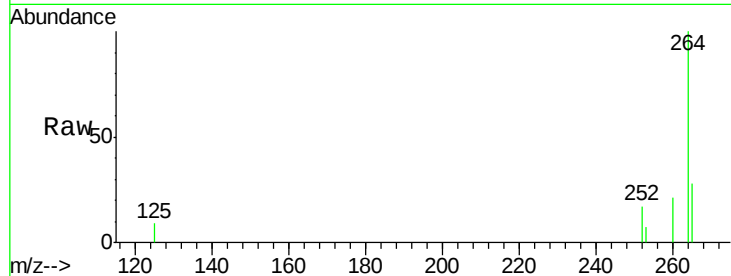
#23
Benzo(a)pyrene
Concen: 0.06 ng/ul m
RT: 23.79 min Scan# 3729
Delta R.T. -0.03 min
Lab File: BE094200.D
Acq: 7 Oct 2017 13:33

Instrument :
BNA_E
ClientSampleId :
B0AE2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	43.9	28.5	42.7#
125	50.7	18.1	27.1#

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#26
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul m
RT: 27.36 min Scan# 4509
Delta R.T. -0.04 min
Lab File: BE094200.D
Acq: 7 Oct 2017 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	43.9	21.8	32.8#
277	37.6	20.5	30.7#

