

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094712.D
 Acq On : 3 Nov 2017 17:58
 Operator : SJ/JU
 Sample : I5825-10 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-64(2.5-4.5)-101117

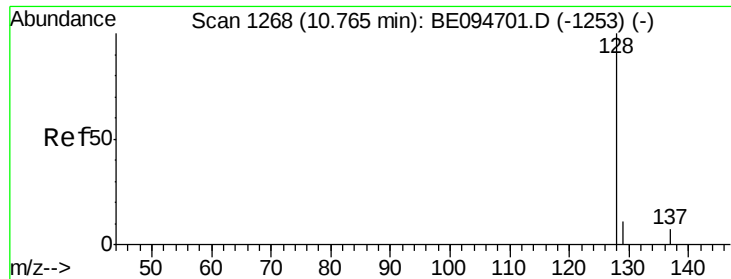
Manual Integrations
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 11/4/2017 2:15:25 PM

Quant Time: Nov 03 23:43:10 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1474	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8348	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	4701	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.26	188	10006	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	9925	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	10984	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	655	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1548	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2446	0.120	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1048	0.073	ng/ul	98
7) Acenaphthylene	14.24	152	2971	0.140	ng/ul	98
12) Phenanthrene	17.29	178	10589	0.401	ng/ul#	94
13) Anthracene	17.38	178	2653m	0.102	ng/ul	
15) Fluoranthene	19.30	202	27235	0.891	ng/ul	84
17) Pyrene	19.66	202	32059	1.045	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	19422	0.685	ng/ul#	88
19) Chrysene	21.46	228	26101	0.890	ng/ul#	91
21) Benzo(b)fluoranthene	23.17	252	39720m	1.286	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	14316m	0.432	ng/ul	
23) Benzo(a)pyrene	23.84	252	25066	0.812	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.65	276	21988	0.688	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	5152	0.191	ng/ul#	54
26) Benzo(g,h,i)perylene	27.49	276	21842	0.851	ng/ul#	94

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



#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

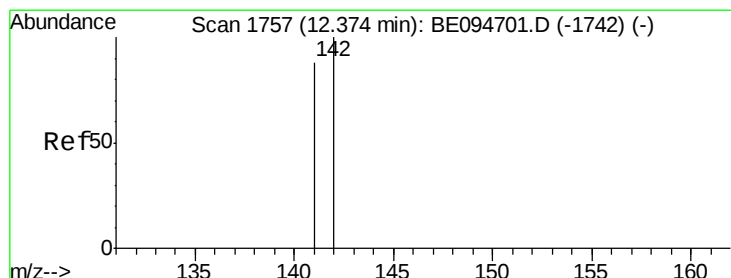
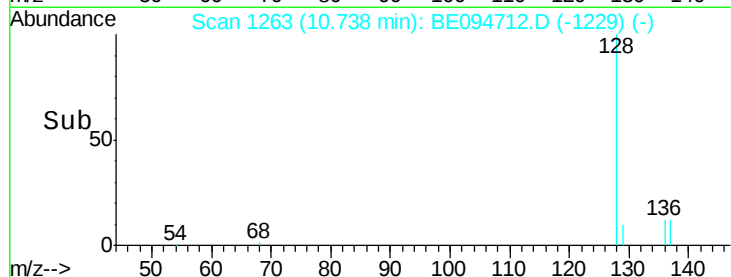
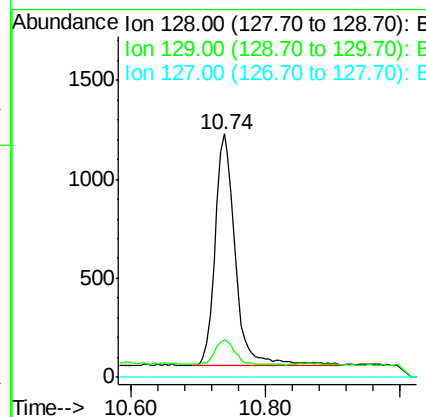
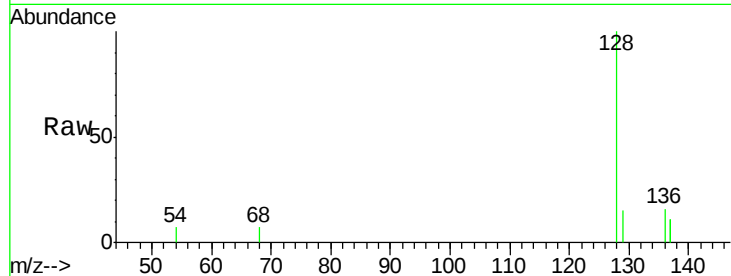
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.073 ng/ul

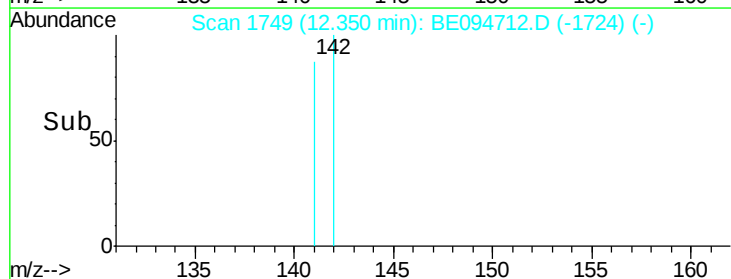
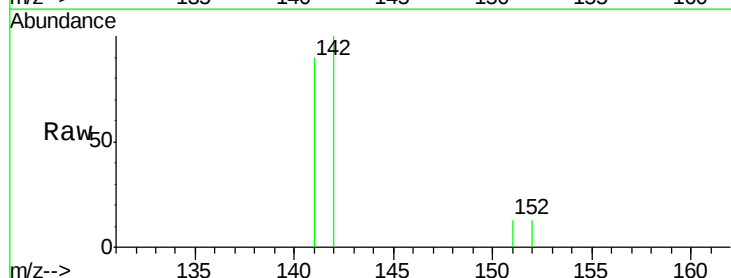
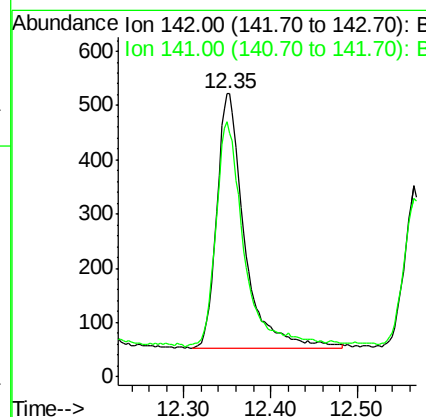
RT: 12.35 min Scan# 1749

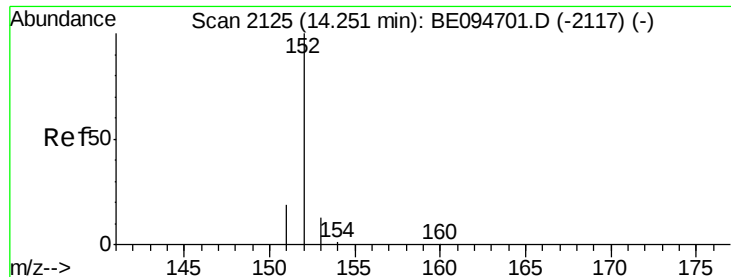
Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 0.140 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

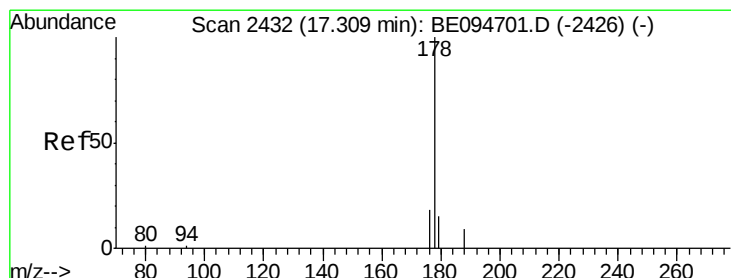
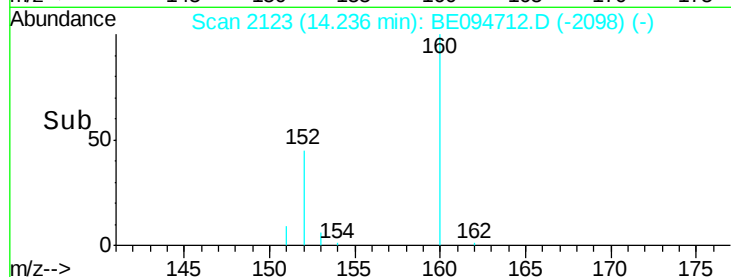
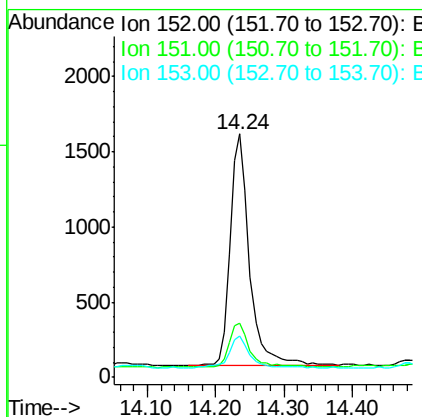
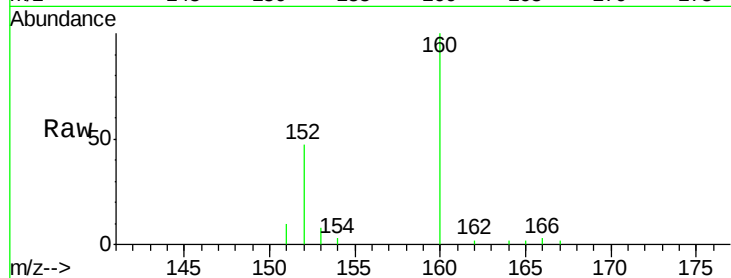
ClientSampleId :

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Tgt Ion:	152	Resp:	2971
Ion Ratio	Lower	Upper	
152	100		
151	22.0	17.1	25.7
153	16.9	12.8	19.2

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#12

Phenanthrene

Concen: 0.401 ng/ul

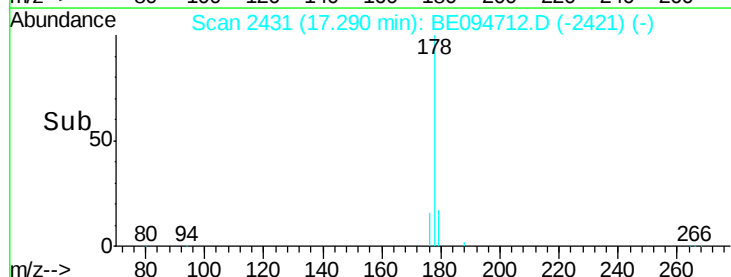
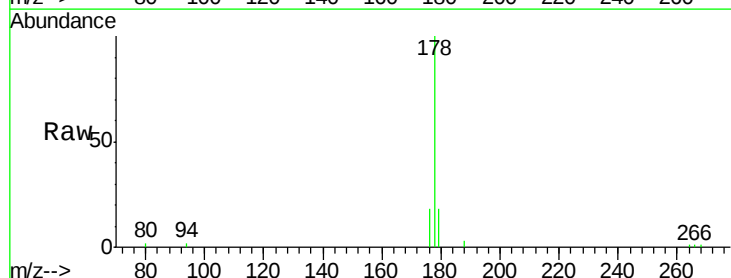
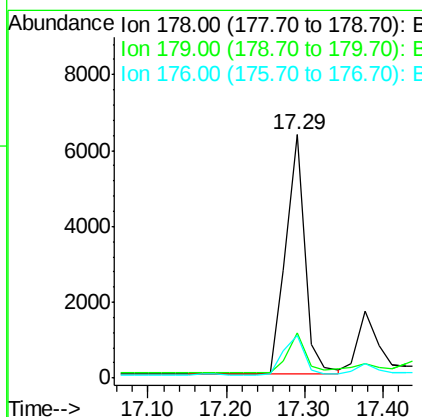
RT: 17.29 min Scan# 2431

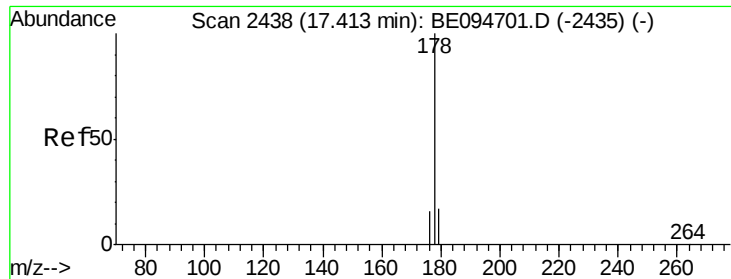
Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Tgt Ion:	178	Resp:	10589
Ion Ratio	Lower	Upper	
178	100		
179	18.4	18.4	27.6#
176	17.6	13.6	20.4





#13

Anthracene

Concen: 0.102 ng/ul m

RT: 17.38 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

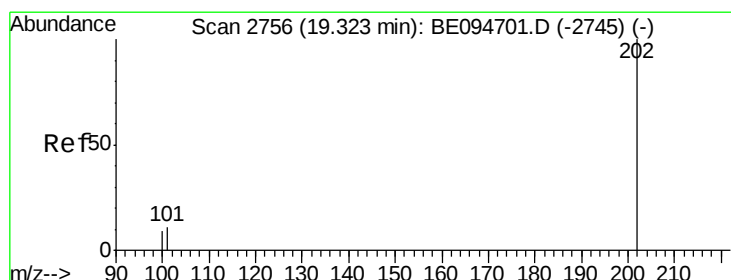
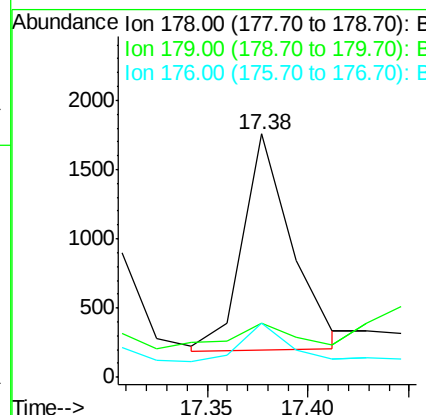
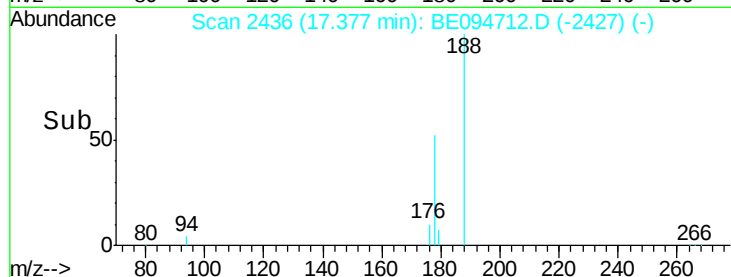
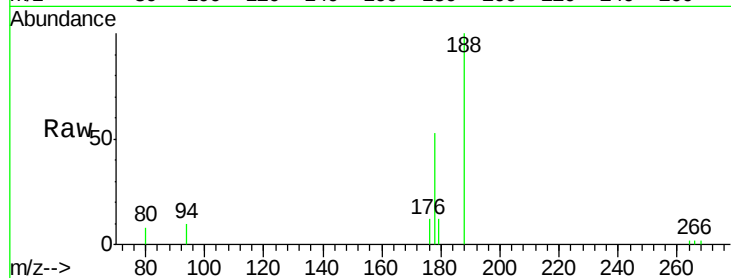
ClientSampleId :

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Tgt Ion:	178	Resp:	2653
Ion Ratio	Lower	Upper	
178	100		
179	22.0	18.1	27.1
176	22.3	14.7	22.1#

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#15

Fluoranthene

Concen: 0.891 ng/ul

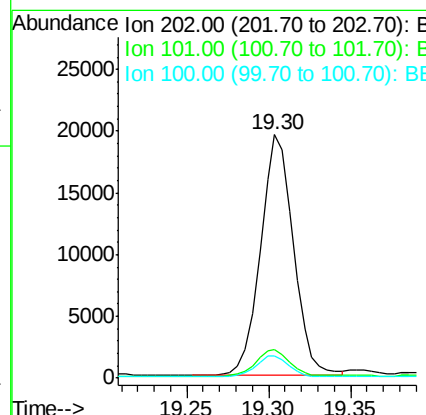
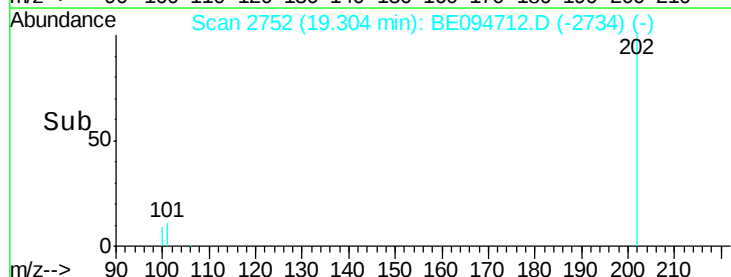
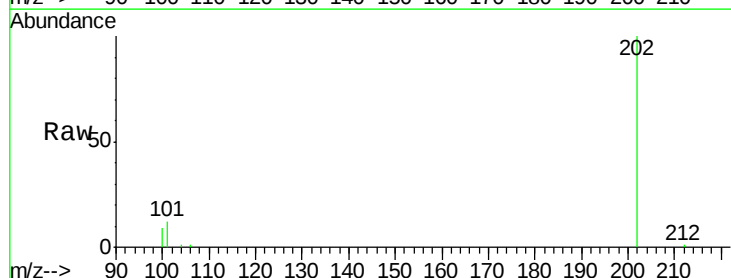
RT: 19.30 min Scan# 2752

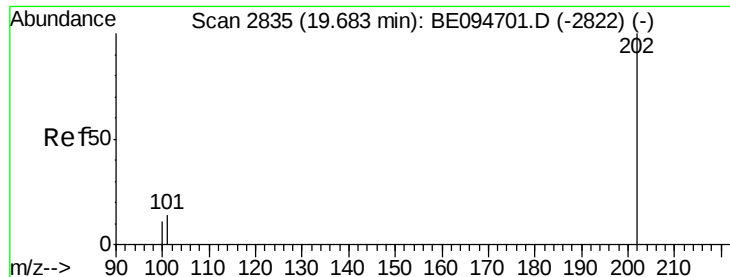
Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Tgt Ion:	202	Resp:	27235
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.3
100	9.1	0.0	39.5





#17

Pyrene

Concen: 1.045 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

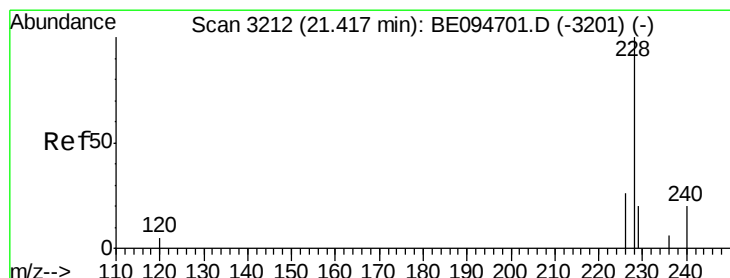
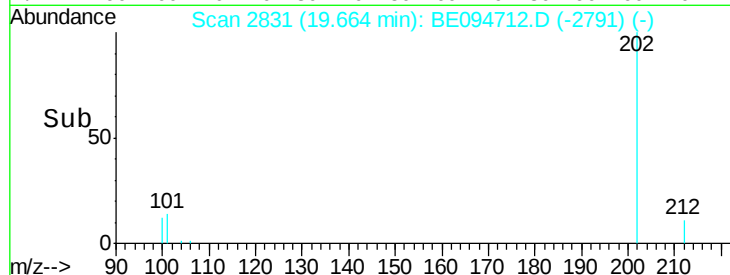
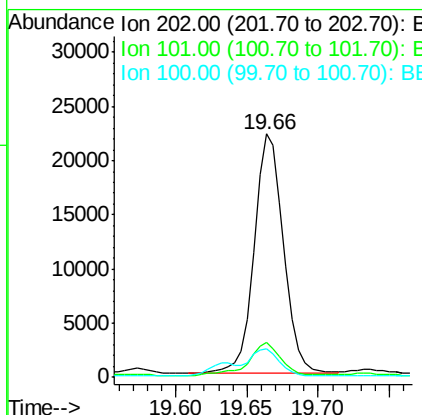
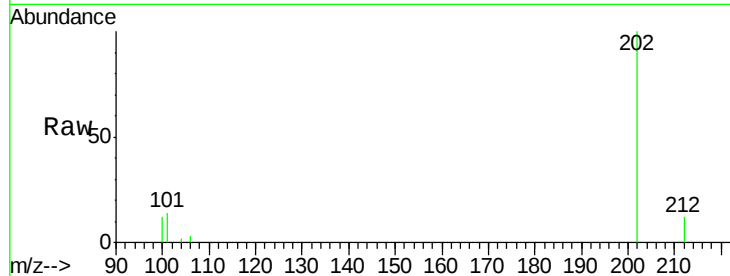
ClientSampleId :

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Tgt Ion:	202	Resp:	32059
Ion Ratio	Lower	Upper	
202	100		
101	14.3	18.2	27.4#
100	12.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.685 ng/ul

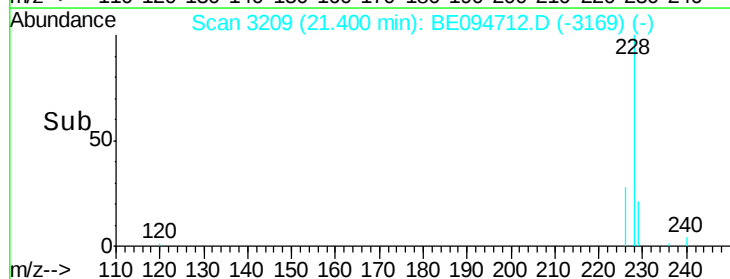
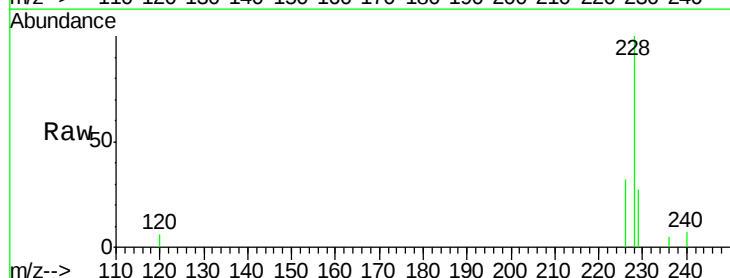
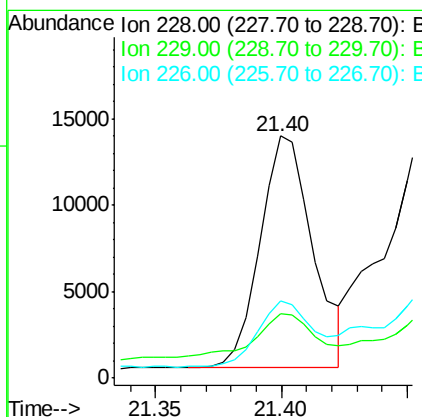
RT: 21.40 min Scan# 3209

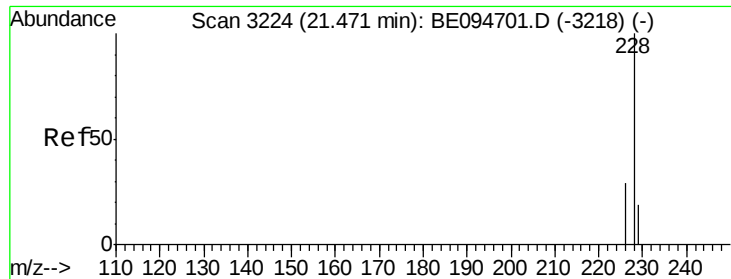
Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Tgt Ion:	228	Resp:	19422
Ion Ratio	Lower	Upper	
228	100		
229	26.6	22.8	34.2
226	31.8	17.0	25.6#





#19

Chrysene

Concen: 0.890 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

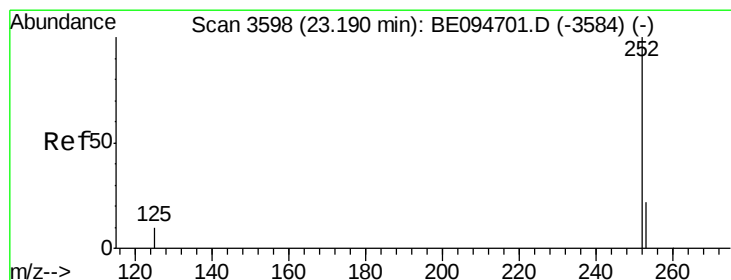
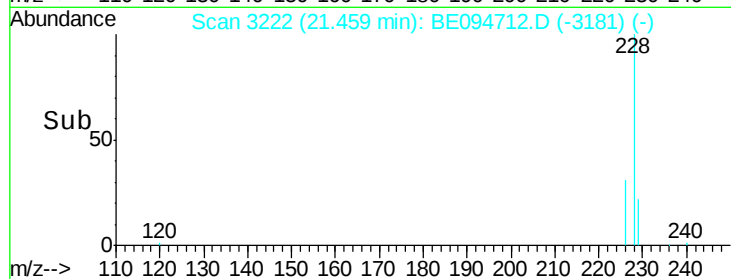
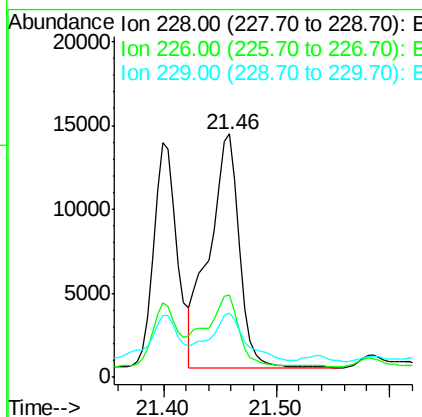
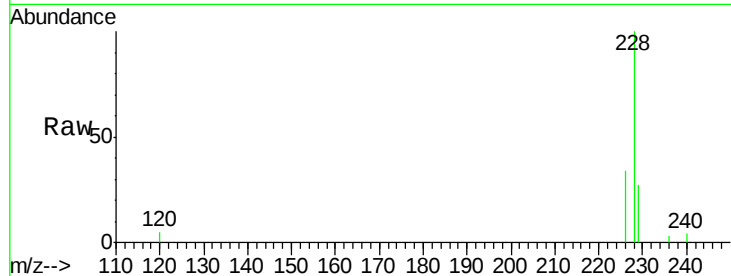
ClientSampleId :

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Tgt Ion:	228	Resp:	26101
Ion Ratio	Lower	Upper	
228	100		
226	33.6	23.4	35.0
229	26.7	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 1.286 ng/ul m

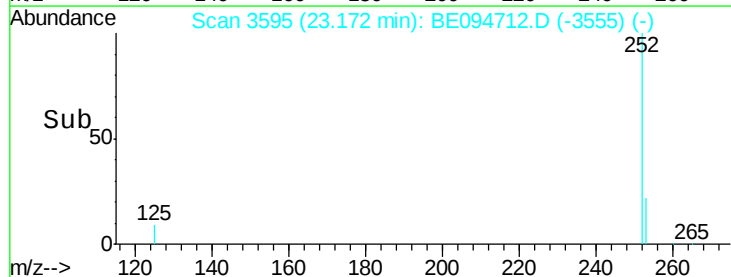
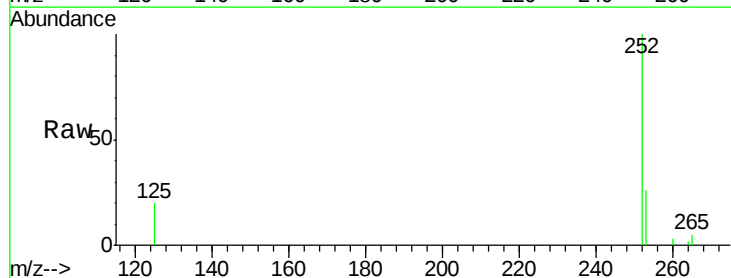
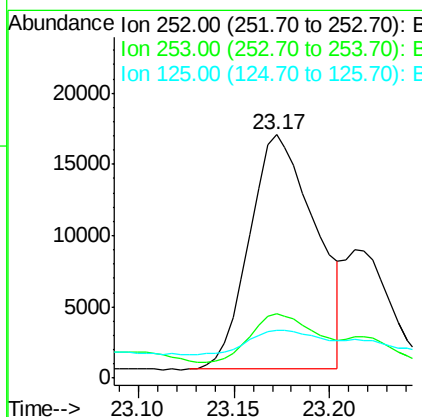
RT: 23.17 min Scan# 3595

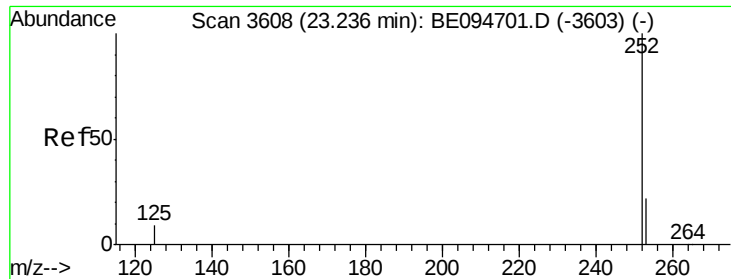
Delta R.T. -0.02 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

Tgt Ion:	252	Resp:	39720
Ion Ratio	Lower	Upper	
252	100		
253	26.5	0.0	64.2
125	19.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.432 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094712.D

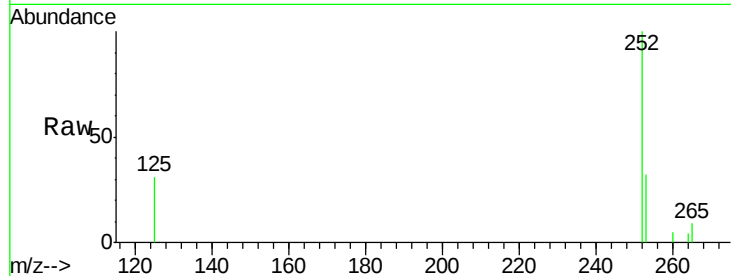
Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

ClientSampleId :

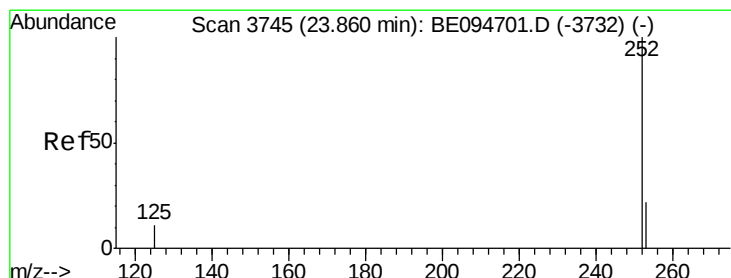
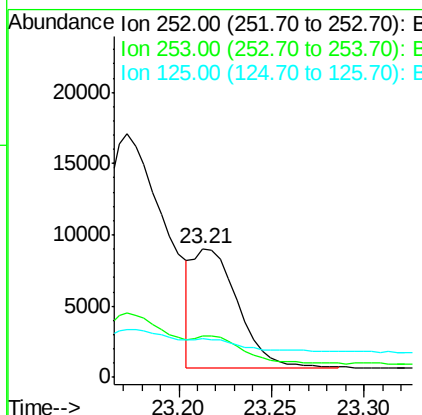
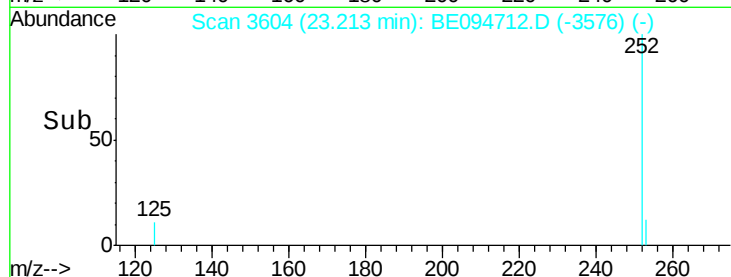
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Tgt Ion:	252	Resp:	14316
Ion Ratio	Lower	Upper	
252	100		
253	32.1	24.5	36.7
125	30.5	13.7	20.5#

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#23

Benzo(a)pyrene

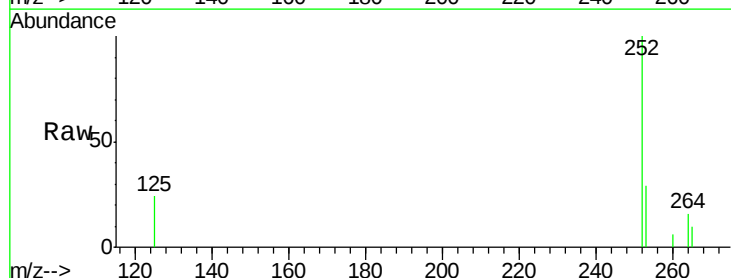
Concen: 0.812 ng/ul

RT: 23.84 min Scan# 3741

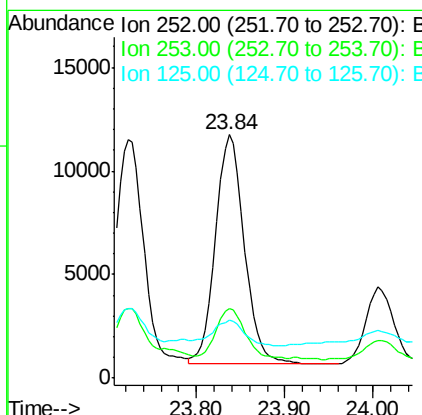
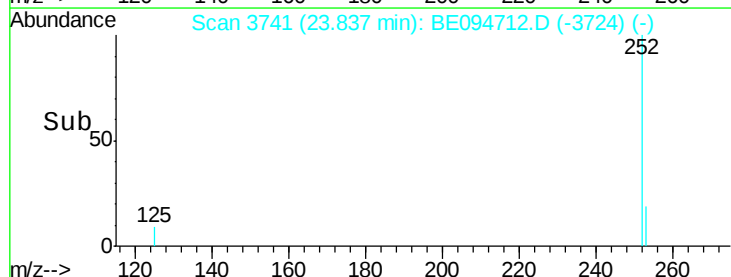
Delta R.T. -0.02 min

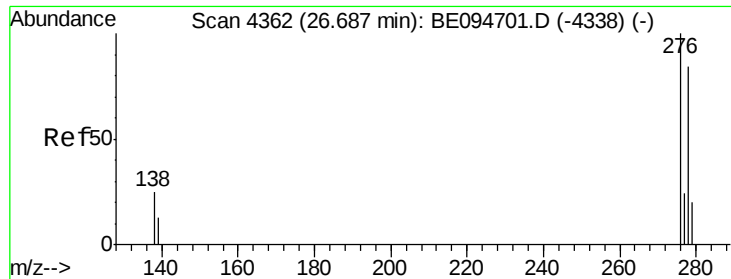
Lab File: BE094712.D

Acq: 3 Nov 2017 17:58



Tgt Ion:	252	Resp:	25066
Ion Ratio	Lower	Upper	
252	100		
253	28.7	28.5	42.7
125	23.9	18.1	27.1





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.688 ng/ul

RT: 26.65 min Scan# 4355

Delta R.T. -0.04 min

Lab File: BE094712.D

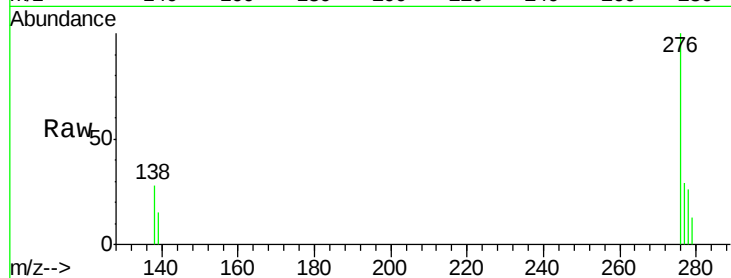
Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 276 Resp: 21988

Ion Ratio Lower Upper

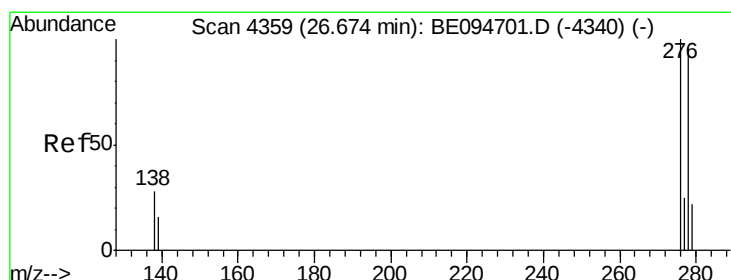
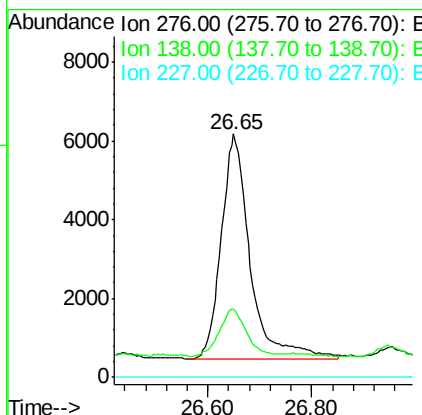
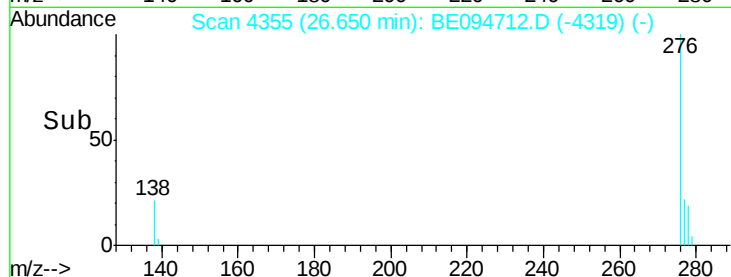
276 100

138 19.6 28.0 42.0#

227 0.0 8.0 12.0#

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#25

Dibenzo(a,h)anthracene

Concen: 0.191 ng/ul

RT: 26.64 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BE094712.D

Acq: 3 Nov 2017 17:58

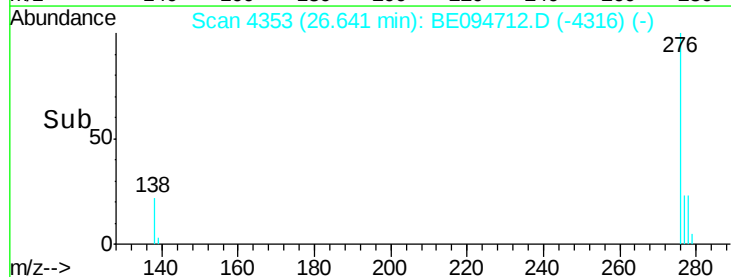
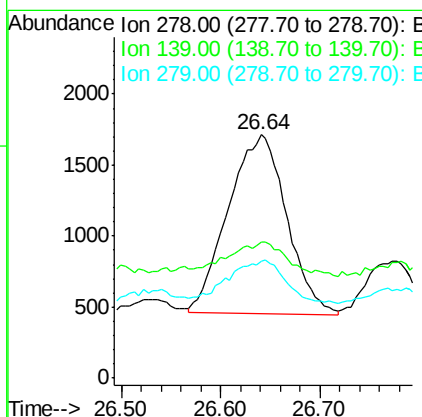
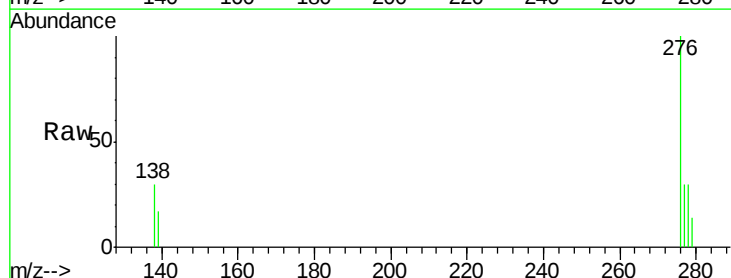
Tgt Ion: 278 Resp: 5152

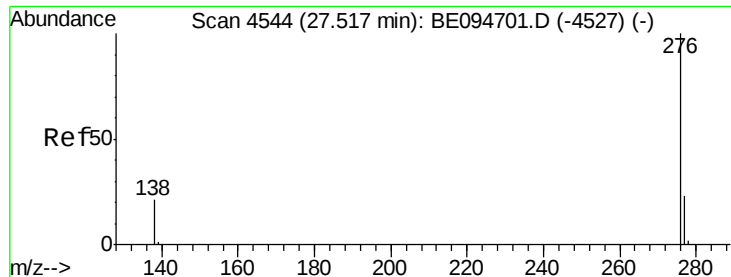
Ion Ratio Lower Upper

278 100

139 55.9 17.4 26.0#

279 48.1 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.851 ng/ul

RT: 27.49 min Scan# 4539

Delta R.T. -0.03 min

Lab File: BE094712.D

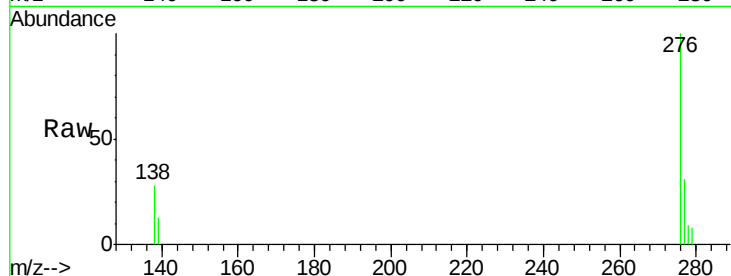
Acq: 3 Nov 2017 17:58

Instrument :

BNA_E

ClientSampleId :

B-64(2.5-4.5)-101117



Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.8
277	31.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:25 PM

