

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094404.D
 Acq On : 15 Oct 2017 21:50
 Operator : SJ/JU
 Sample : I5548-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AF7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:41 PM

Quant Time: Oct 16 08:18:33 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2073	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10414	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6261	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11891	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	10687	0.40	ng/ul	0.02
20) Perylene-d12	24.00	264	11384m	0.40	ng/ul	0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3221	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	7272	0.18	ng/ul	0.01
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	22873	0.897	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	5316	0.321	ng/ul	99
7) Acenaphthylene	14.25	152	35841	1.468	ng/ul	98
8) Acenaphthene	14.59	153	8226	0.409	ng/ul	97
9) Fluorene	15.58	166	15623	0.664	ng/ul	91
12) Phenanthrene	17.31	178	260207	8.374	ng/ul#	94
13) Anthracene	17.39	178	86380	2.858	ng/ul#	93
15) Fluoranthene	19.32	202	618220	15.142	ng/ul	84
17) Pyrene	19.69	202	576917	19.402	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	329711	11.629	ng/ul#	89
19) Chrysene	21.48	228	340346m	10.395	ng/ul	
21) Benzo(b)fluoranthene	23.22	252	450494	14.568	ng/ul	94
22) Benzo(k)fluoranthene	23.24	252	158242m	4.427	ng/ul	
23) Benzo(a)pyrene	23.89	252	360511m	11.219	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.74	276	257796m	7.842	ng/ul	
25) Dibenzo(a,h)anthracene	26.73	278	65819m	2.387	ng/ul	
26) Benzo(a,h,i)perylene	27.58	276	248364m	8.759	ng/ul	

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

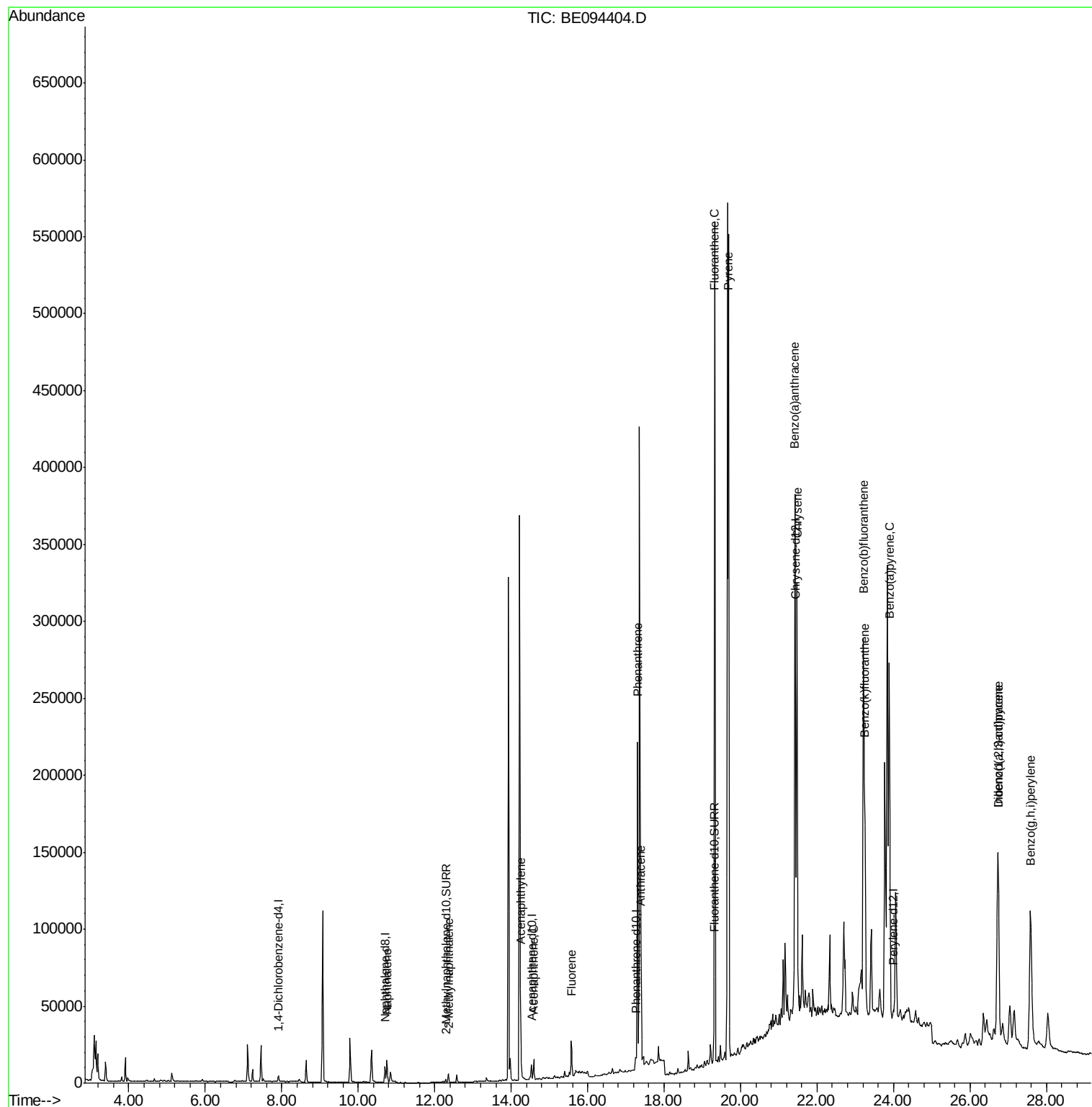
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094404.D
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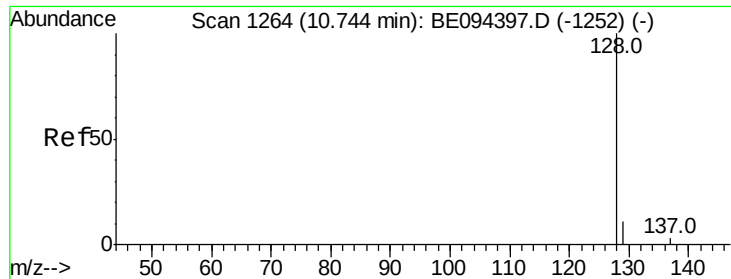
Instrument :
BNA_E
ClientSampled :
C0AF7

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.897 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampled :

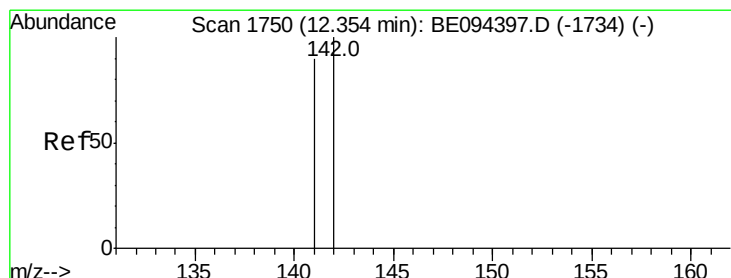
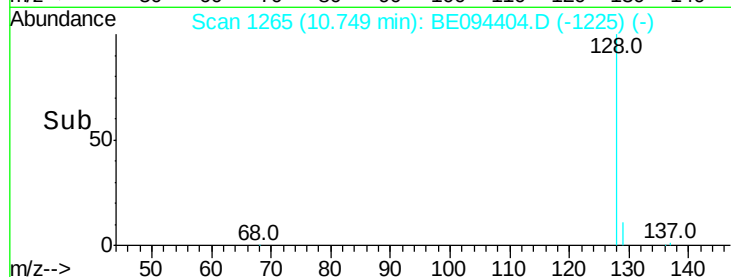
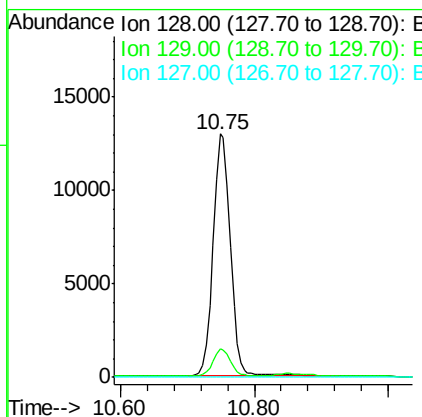
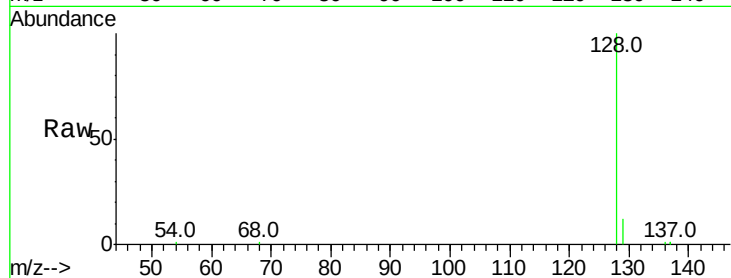
C0AF7

Tot Ion:128 Resp: 22873

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.321 ng/ul

RT: 12.36 min Scan# 1752

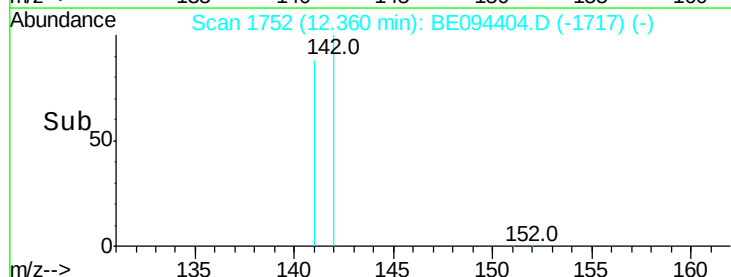
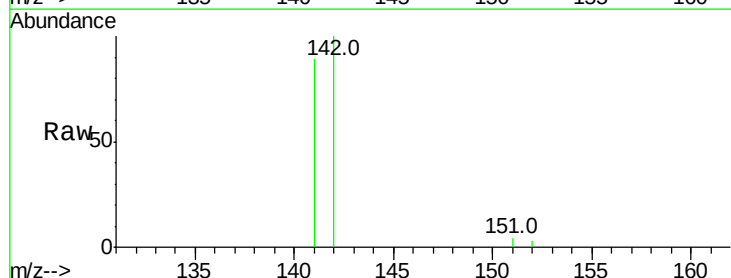
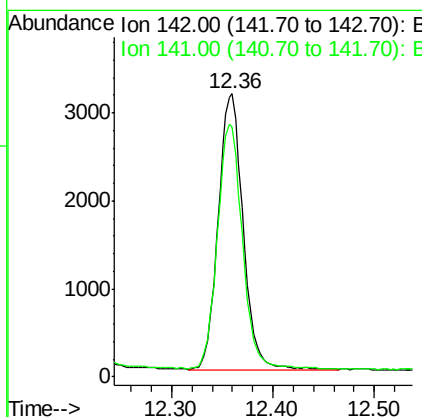
Delta R.T. 0.01 min

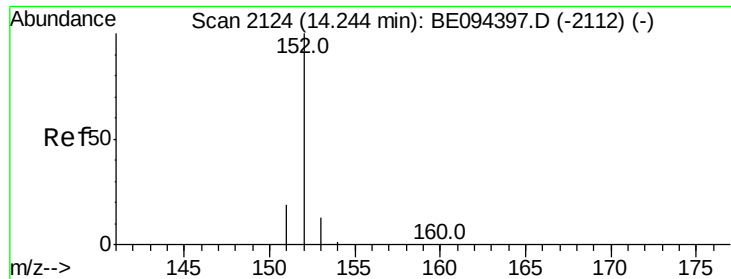
Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion:142 Resp: 5316

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8





#7

Acenaphthylene

Concen: 1.468 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

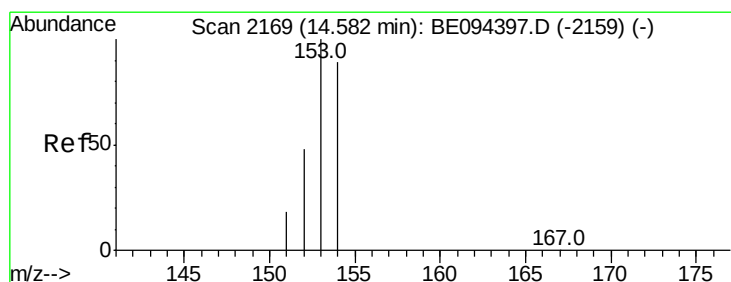
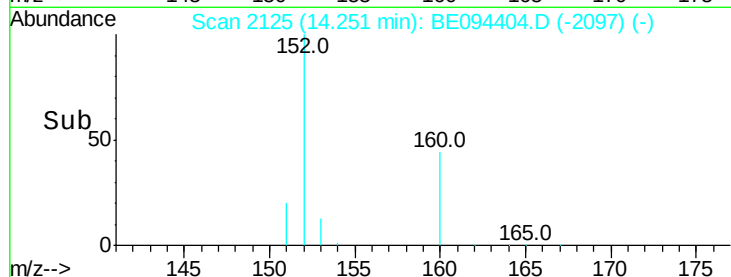
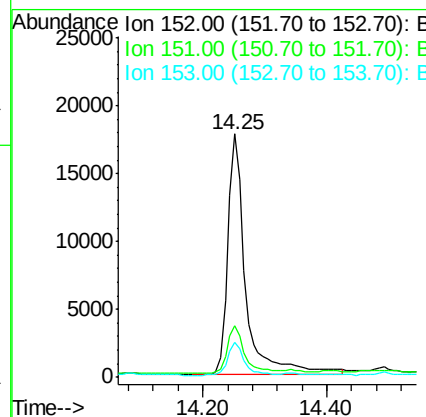
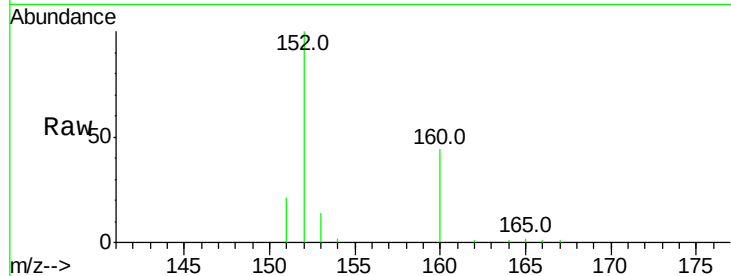
ClientSampled :

C0AF7

Tot Ion:	152	Resp:	35841
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.1	25.7
153	14.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.409 ng/ul

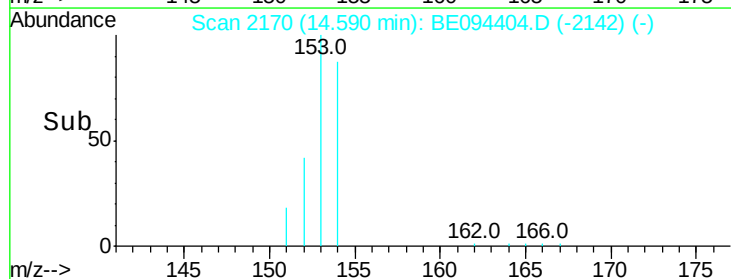
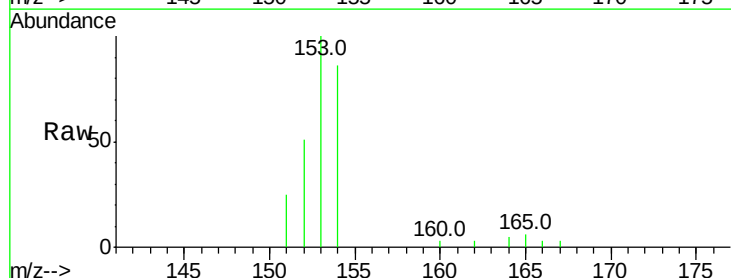
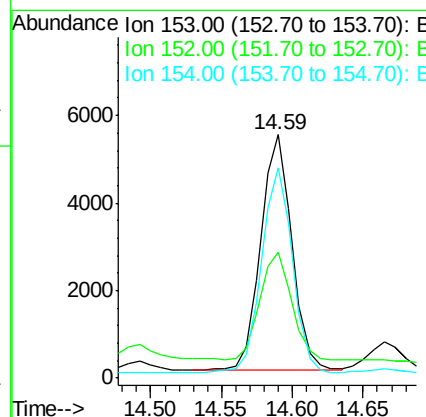
RT: 14.59 min Scan# 2170

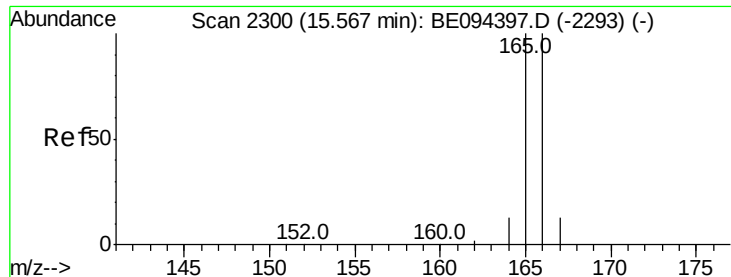
Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion:	153	Resp:	8226
Ion Ratio	Lower	Upper	
153	100		
152	51.5	40.3	60.5
154	86.4	71.4	107.2





#9

Fluorene

Concen: 0.664 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

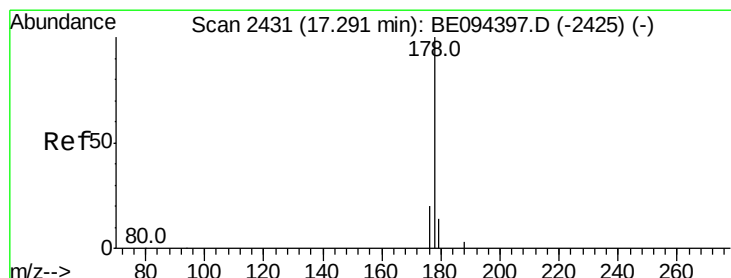
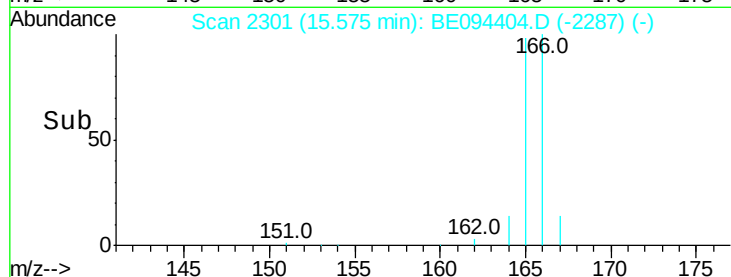
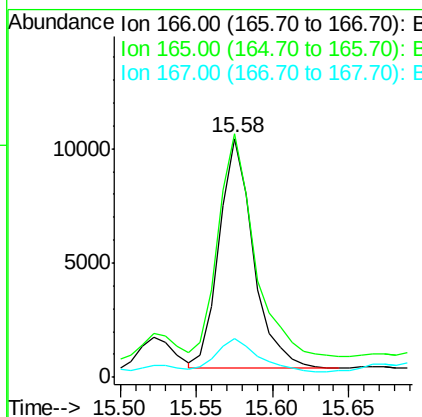
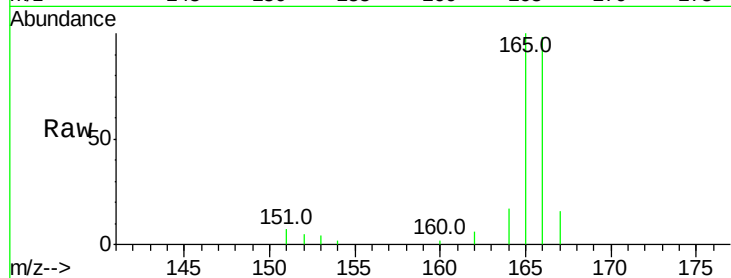
ClientSampleId :

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Tot Ion:	166	Resp:	15623
Ion Ratio	Lower	Upper	
166	100		
165	101.9	73.4	110.2
167	16.5	14.6	22.0

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#12

Phenanthrene

Concen: 8.374 ng/ul

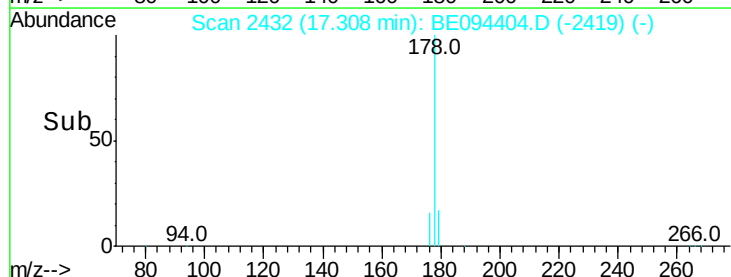
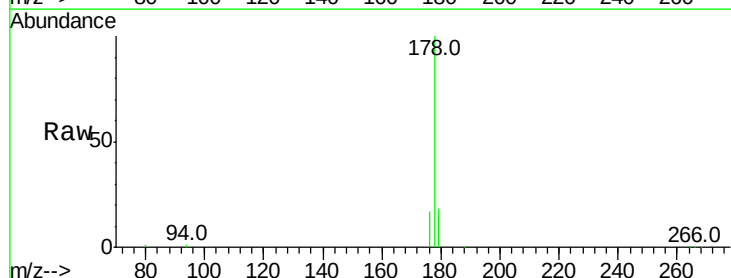
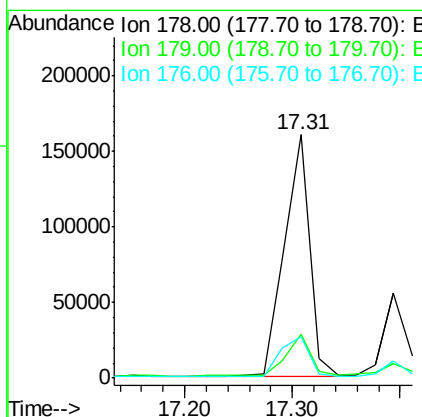
RT: 17.31 min Scan# 2432

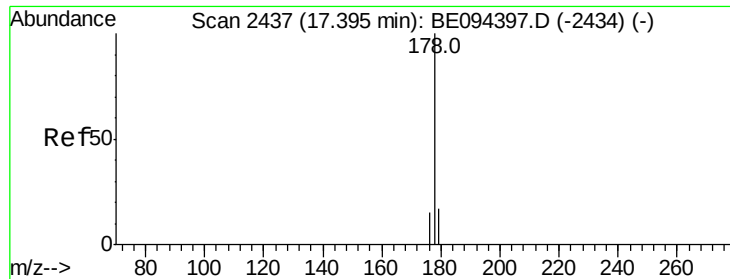
Delta R.T. 0.02 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion:	178	Resp:	260207
Ion Ratio	Lower	Upper	
178	100		
179	17.9	18.4	27.6#
176	16.9	13.6	20.4





#13

Anthracene

Concen: 2.858 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

C0AF7

Tot Ion:178 Resp: 86380

Ion Ratio Lower Upper

178 100

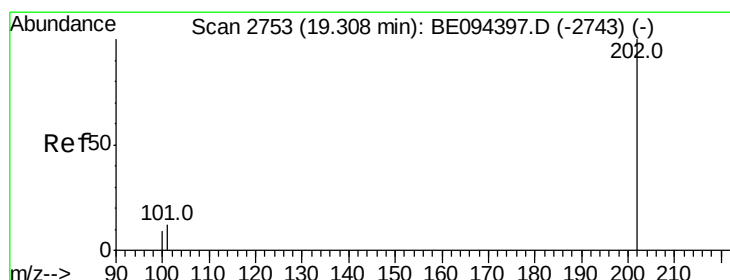
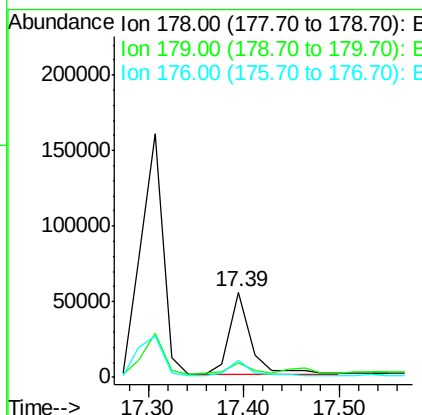
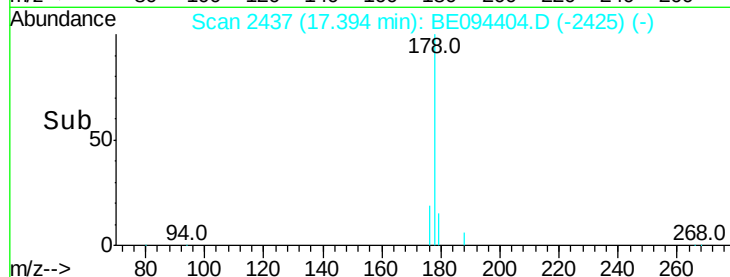
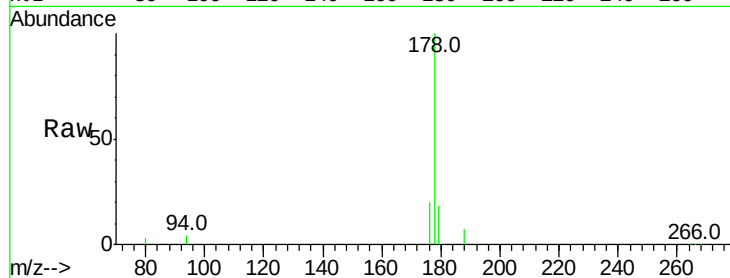
179 17.6 18.1 27.1#

176 19.9 14.7 22.1

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#15

Fluoranthene

Concen: 15.142 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

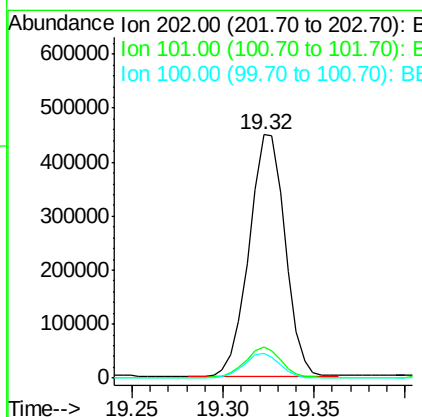
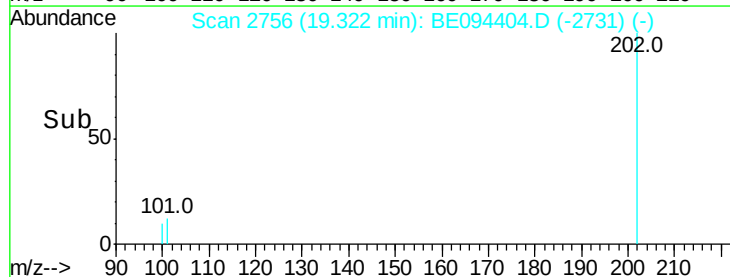
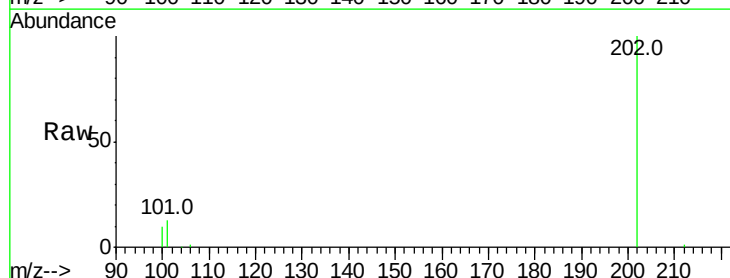
Tgt Ion:202 Resp: 618220

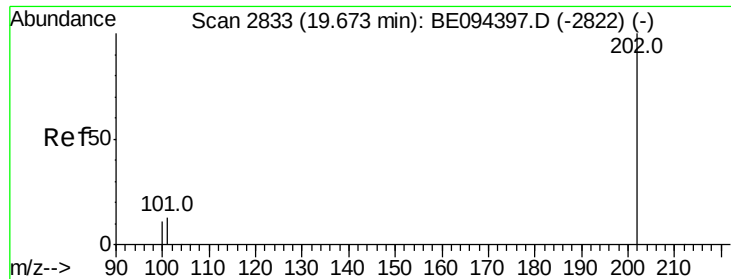
Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

100 10.0 0.0 39.5





#17

Pyrene

Concen: 19.402 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

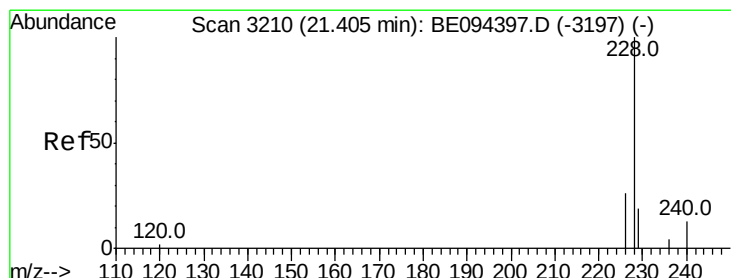
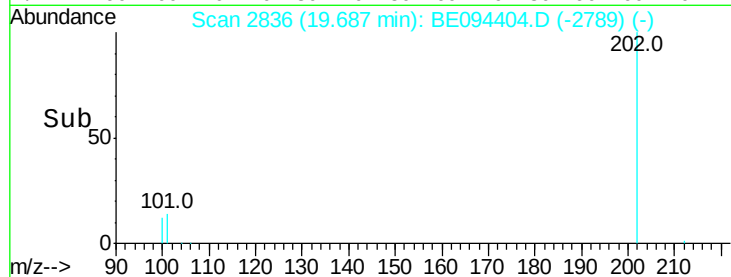
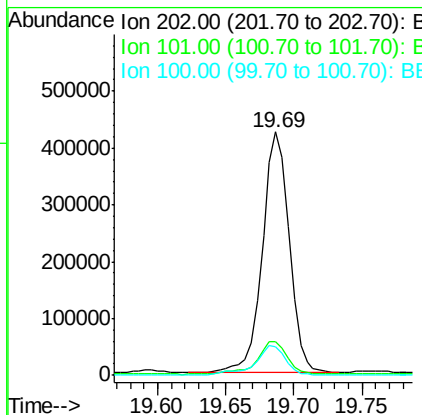
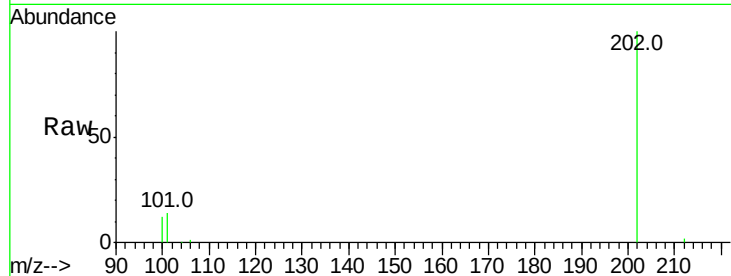
ClientSampleId :

C0AF7

Tot Ion:	202	Resp:	576917
Ion Ratio	Lower	Upper	
202	100		
101	14.1	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 11.629 ng/ul

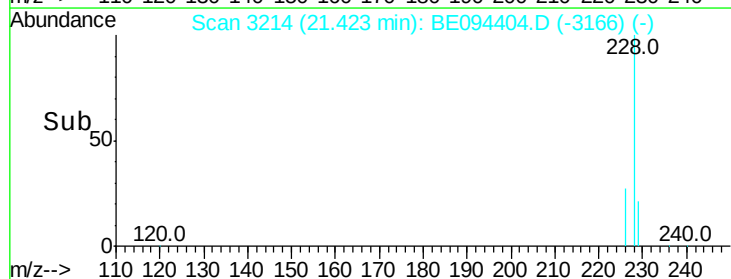
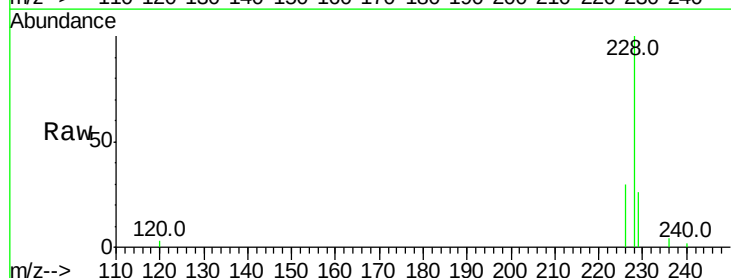
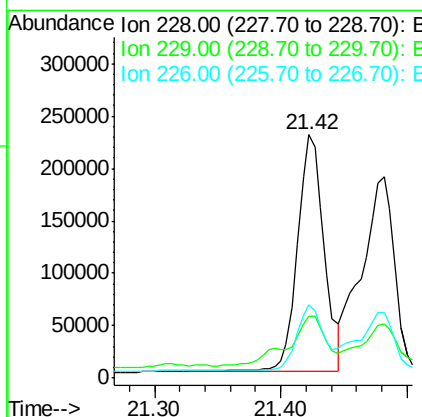
RT: 21.42 min Scan# 3214

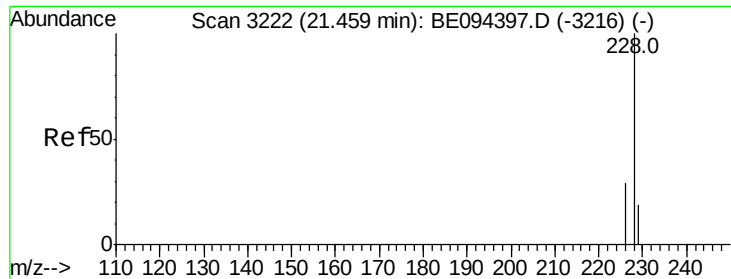
Delta R.T. 0.02 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion:	228	Resp:	329711
Ion Ratio	Lower	Upper	
228	100		
229	25.7	22.8	34.2
226	29.9	17.0	25.6#





#19

Chrysene

Concen: 10.395 ng/ul m

RT: 21.48 min Scan# 3227

Delta R.T. 0.02 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

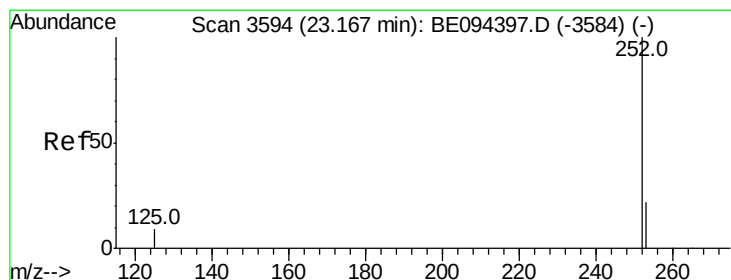
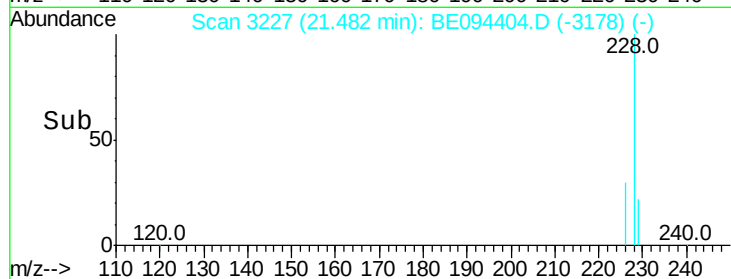
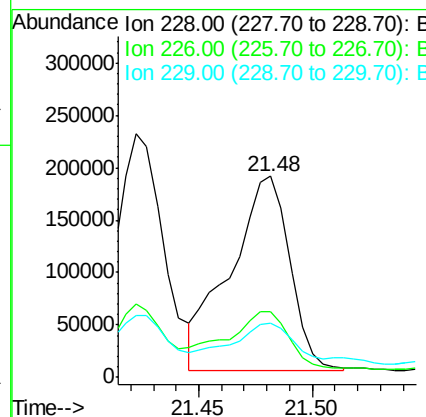
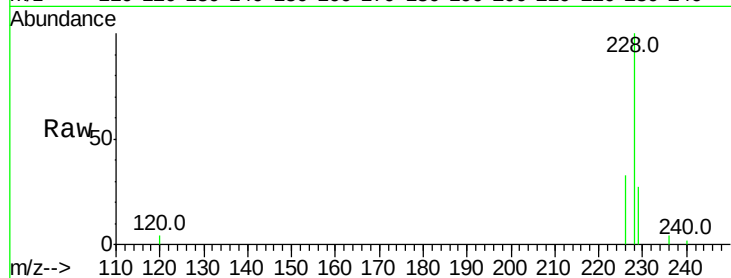
ClientSampleId :

C0AF7

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.0
229	27.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 14.568 ng/ul

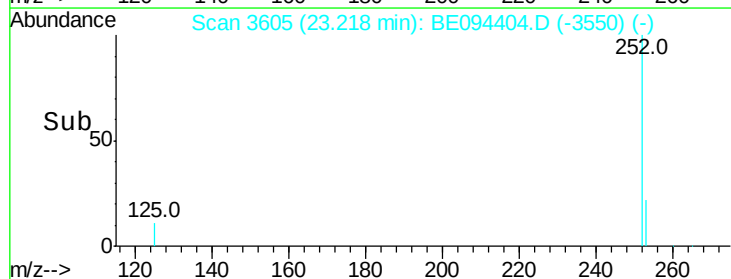
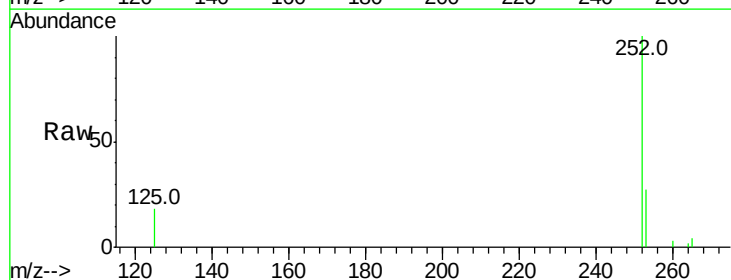
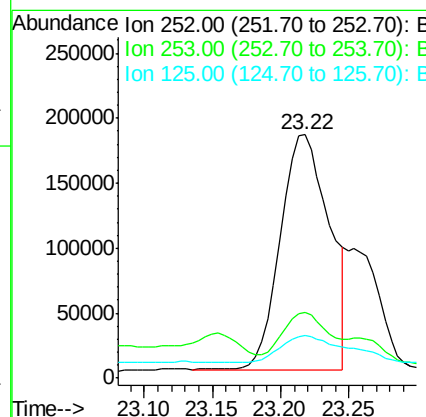
RT: 23.22 min Scan# 3605

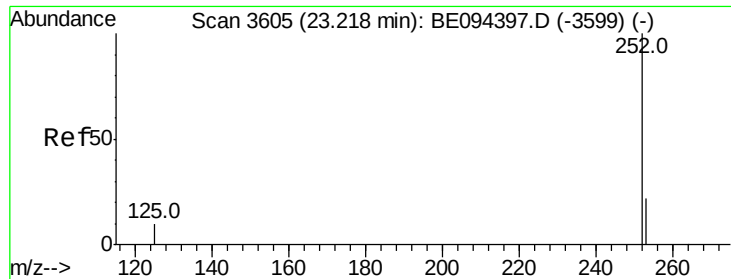
Delta R.T. 0.05 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	64.2
125	17.6	0.0	35.0





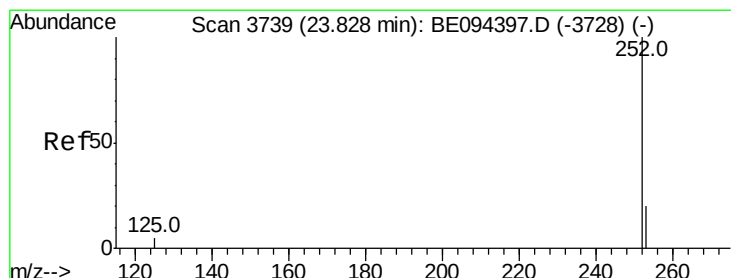
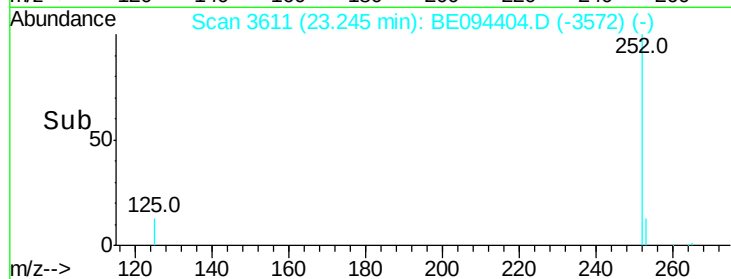
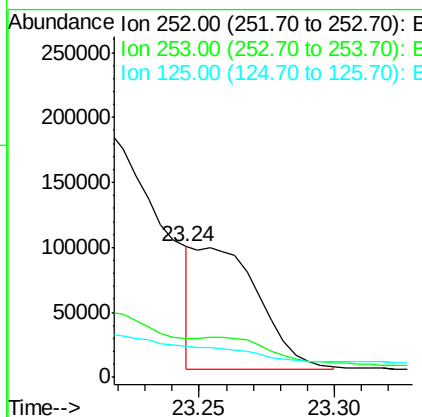
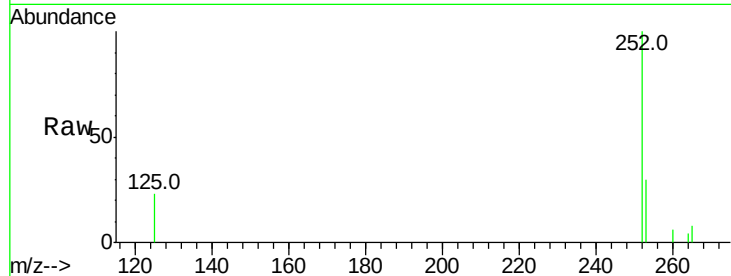
#22
Benzo(k)fluoranthene
Concen: 4.427 ng/ul m
RT: 23.24 min Scan# 3611
Delta R.T. 0.03 min
Lab File: BE094404.D
Acq: 15 Oct 2017 21:50

Instrument :
BNA_E
ClientSampleId :
C0AF7

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.0	24.5	36.7
125	23.4	13.7	20.5#

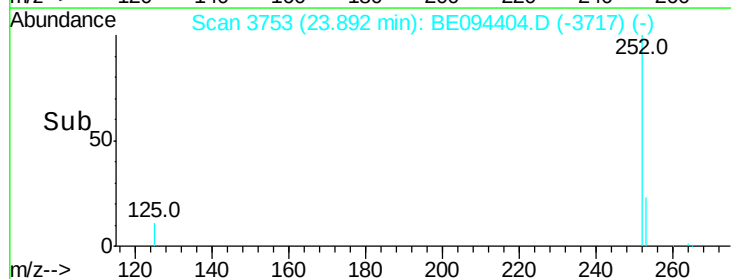
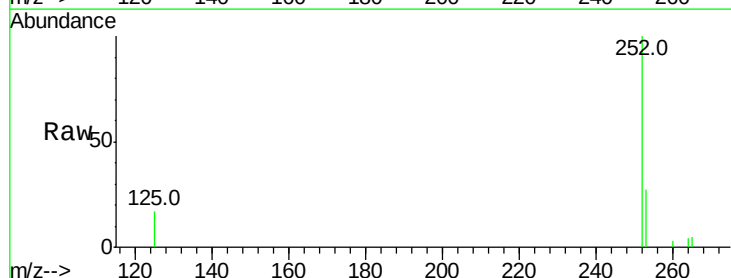
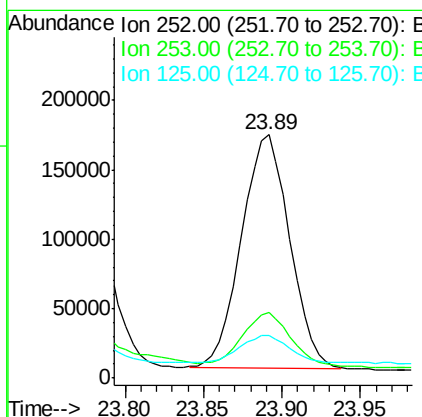
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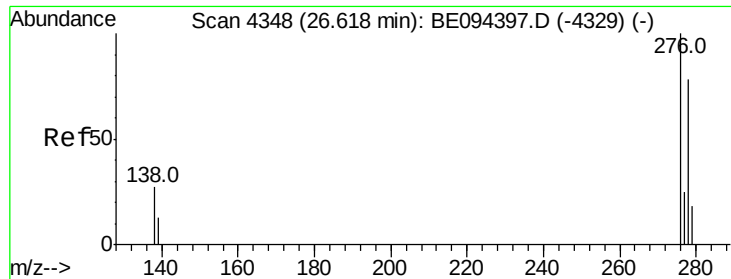
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#23
Benzo(a)pyrene
Concen: 11.219 ng/ul m
RT: 23.89 min Scan# 3753
Delta R.T. 0.06 min
Lab File: BE094404.D
Acq: 15 Oct 2017 21:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	28.5	42.7#
125	17.4	18.1	27.1#





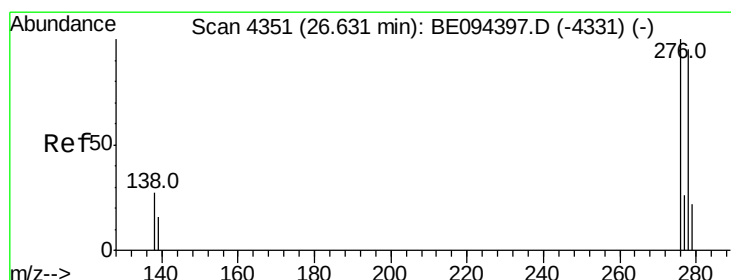
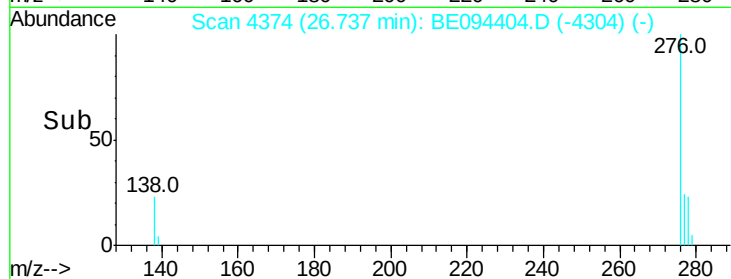
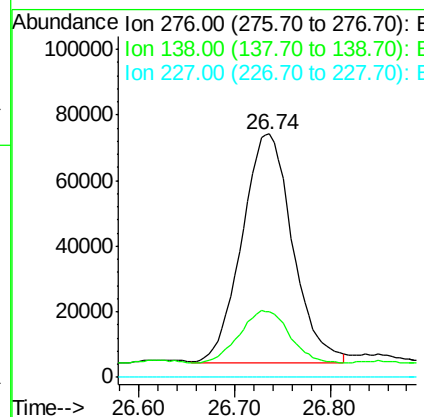
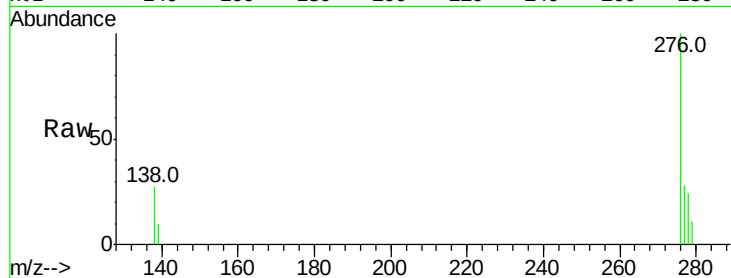
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.842 ng/ul m
 RT: 26.74 min Scan# 4374
 Delta R.T. 0.12 min
 Lab File: BE094404.D
 Acq: 15 Oct 2017 21:50

Instrument :
 BNA_E
 ClientSampleId :
 C0AF7

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.4	28.0	42.0#
227	0.0	8.0	12.0#

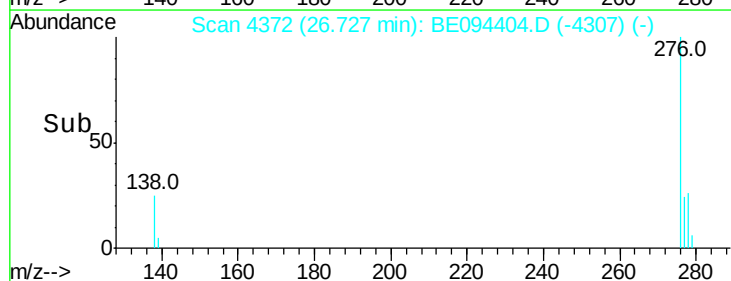
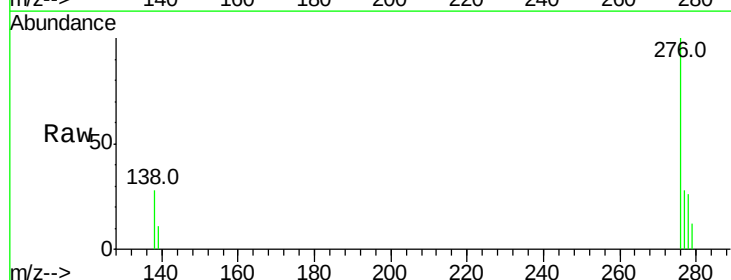
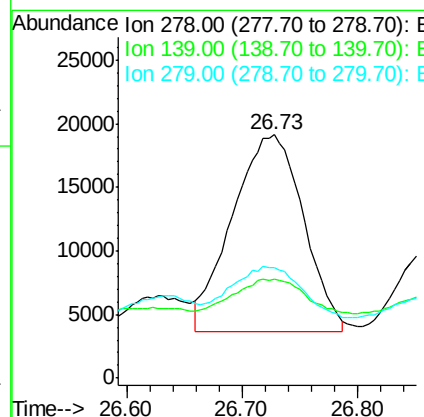
Manual Integrations
 APPROVED

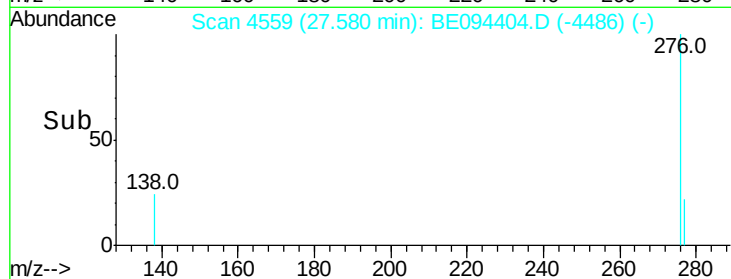
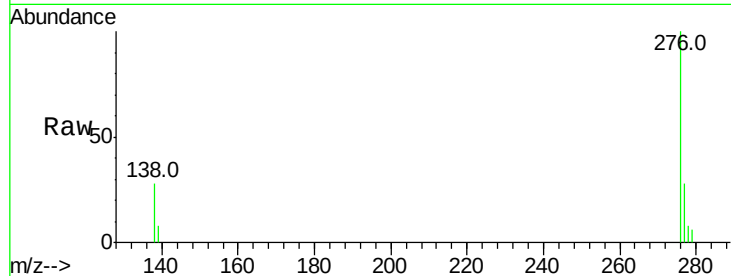
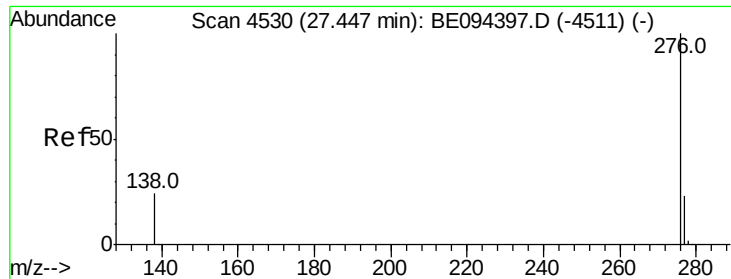
Sohil
 10/16/2017 8:26:41 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.387 ng/ul m
 RT: 26.73 min Scan# 4372
 Delta R.T. 0.10 min
 Lab File: BE094404.D
 Acq: 15 Oct 2017 21:50

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	40.7	17.4	26.0#
279	45.6	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 8.759 ng/ul m

RT: 27.58 min Scan# 4559

Delta R.T. 0.13 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

C0AF7

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	21.8	32.8
277	28.4	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:41 PM

