

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094242.D
 Acq On : 10 Oct 2017 4:15
 Operator : SJ/JU
 Sample : I5522-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
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Sohil
 10/10/2017 4:57:36 PM

Quant Time: Oct 10 11:21:18 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 09 04:05:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2558	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	12764	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	7605	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.26	188	15703	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15698	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	13916m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5585	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	12718	0.24	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2361	0.076	ng/ul#	93
5) 2-Methylnaphthalene	12.35	142	1816	0.090	ng/ul	98
7) Acenaphthylene	14.24	152	3656	0.123	ng/ul	93
8) Acenaphthene	14.57	153	1632	0.067	ng/ul	95
9) Fluorene	15.57	166	2031	0.071	ng/ul	93
12) Phenanthrene	17.29	178	53626	1.307	ng/ul#	92
13) Anthracene	17.38	178	15044	0.377	ng/ul#	93
15) Fluoranthene	19.30	202	159957	2.967	ng/ul	84
17) Pyrene	19.66	202	162194	3.713	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	92947	2.232	ng/ul#	87
19) Chrysene	21.45	228	91091	1.894	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	132081m	3.494	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	37059m	0.848	ng/ul	
23) Benzo(a)pyrene	23.81	252	92575m	2.357	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.59	276	60546m	1.507	ng/ul	
25) Dibenzo(a,h)anthracene	26.60	278	16839m	0.500	ng/ul	
26) Benzo(a,h,i)perylene	27.42	276	53753m	1.551	ng/ul	

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

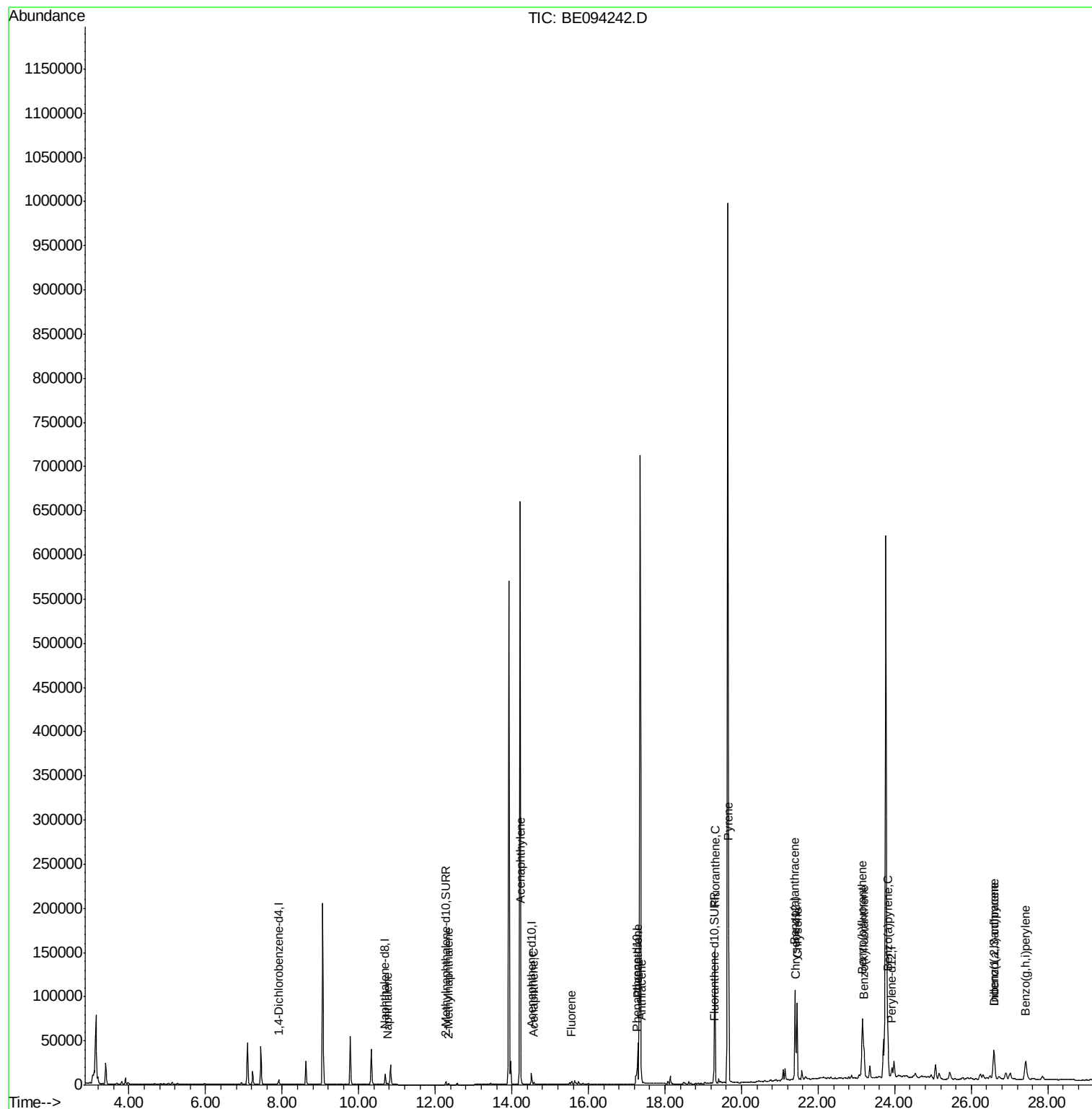
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
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ALS Vial : 27 Sample Multiplier: 1

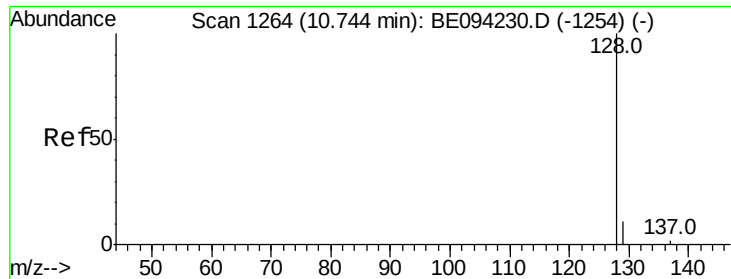
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.076 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Instrument :

BNA_E

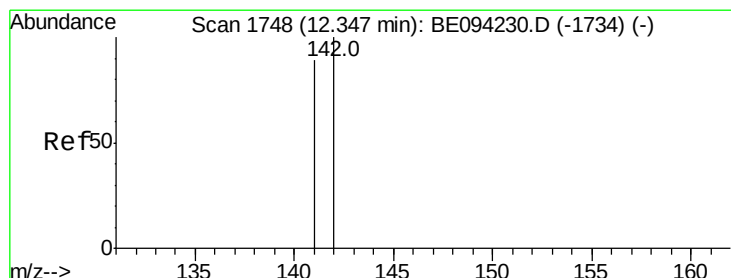
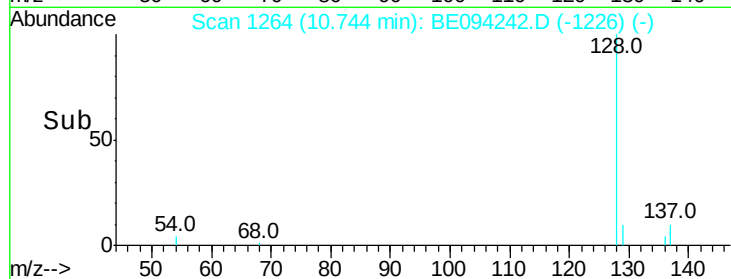
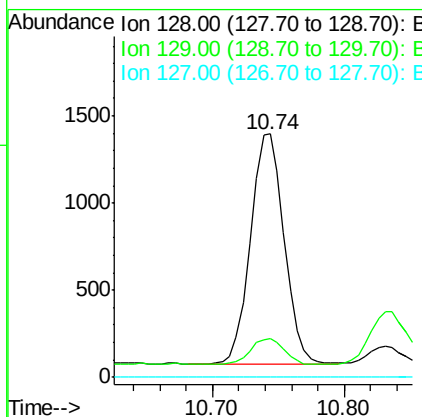
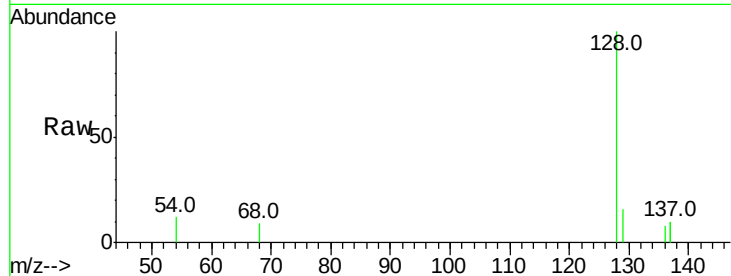
ClientSampleId :

C0AC3

Tot Ion:	128	Resp:	2361
Ion Ratio	Lower	Upper	
128	100		
129	15.7	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.090 ng/ul

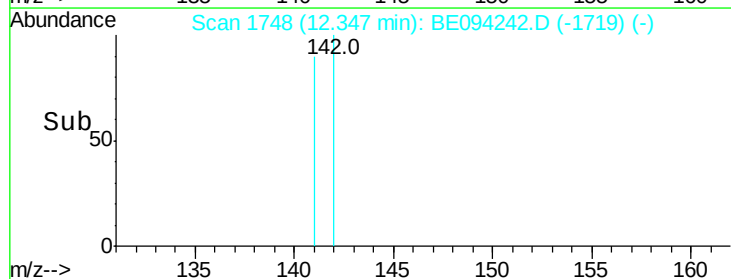
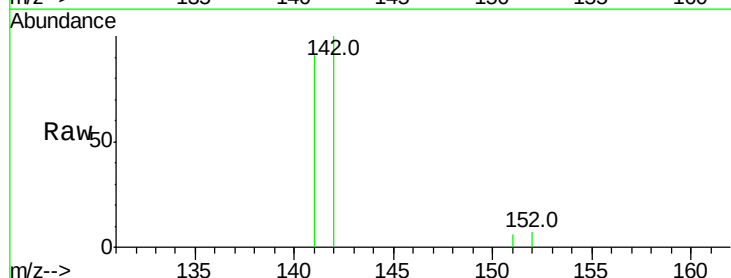
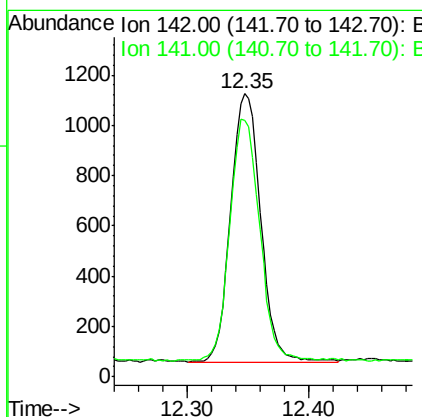
RT: 12.35 min Scan# 1748

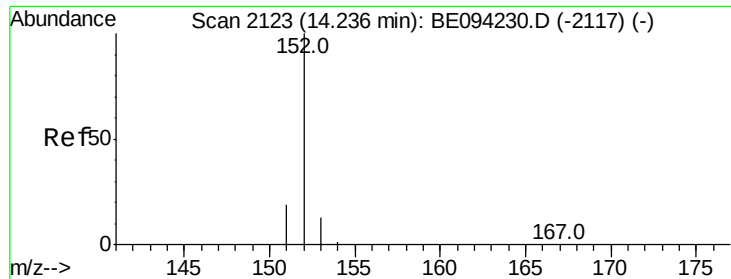
Delta R.T. -0.01 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Tgt Ion:	142	Resp:	1816
Ion Ratio	Lower	Upper	
142	100		
141	88.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.123 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Instrument :

BNA_E

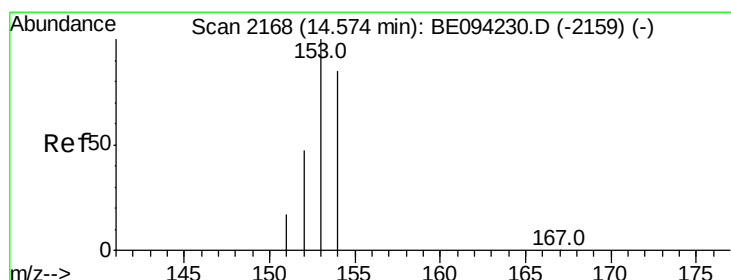
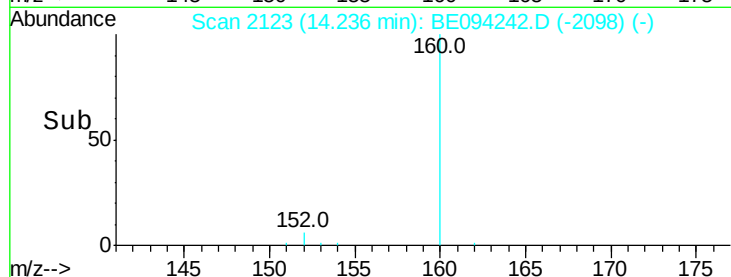
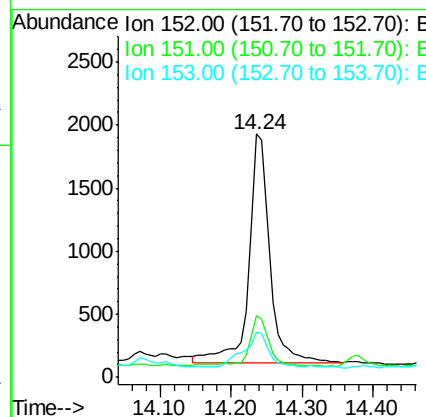
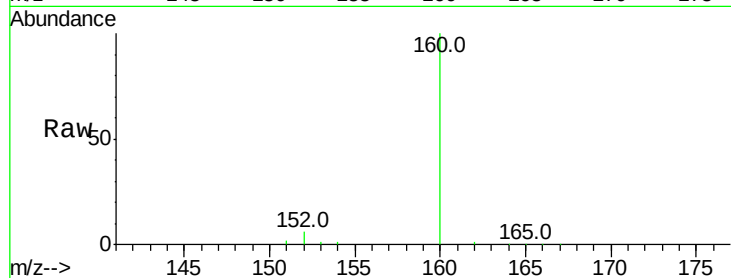
ClientSampled :

C0AC3

Tot Ion:	152	Resp:	3656
Ion Ratio	Lower	Upper	
152	100		
151	25.3	17.1	25.7
153	18.7	12.8	19.2

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#8

Acenaphthene

Concen: 0.067 ng/ul

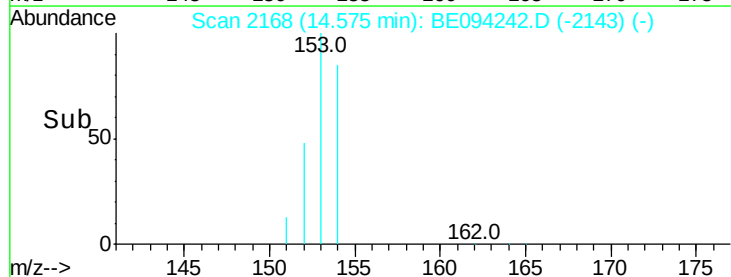
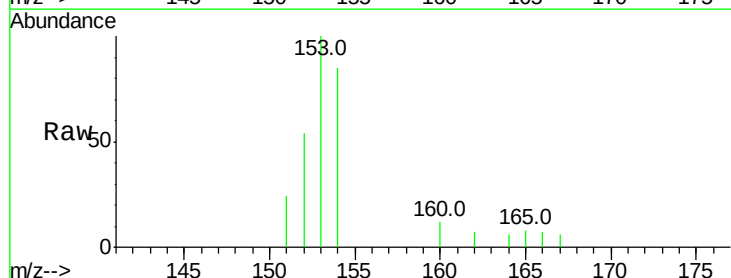
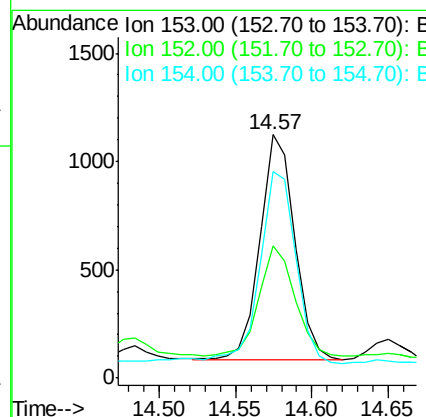
RT: 14.57 min Scan# 2168

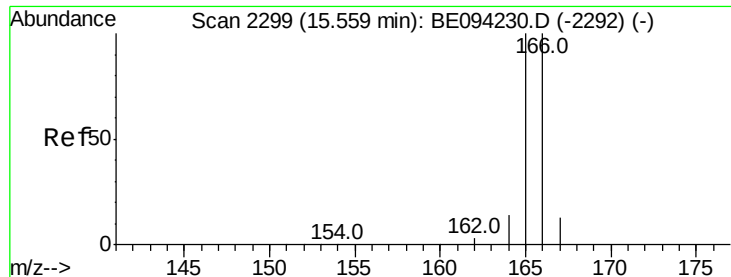
Delta R.T. -0.02 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Tgt Ion:	153	Resp:	1632
Ion Ratio	Lower	Upper	
153	100		
152	54.3	40.3	60.5
154	84.9	71.4	107.2





#9

Fluorene

Concen: 0.071 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Instrument :

BNA_E

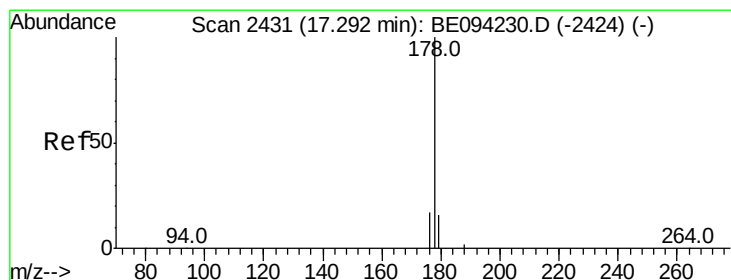
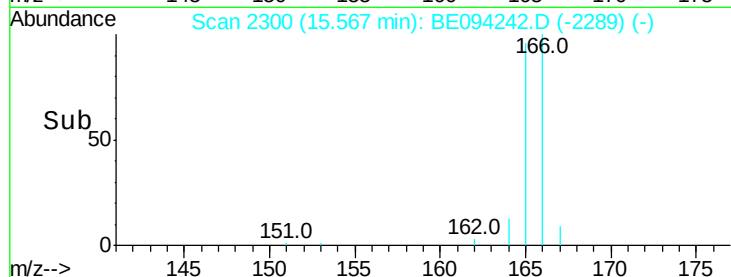
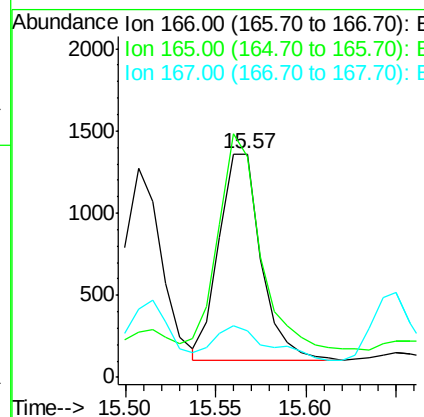
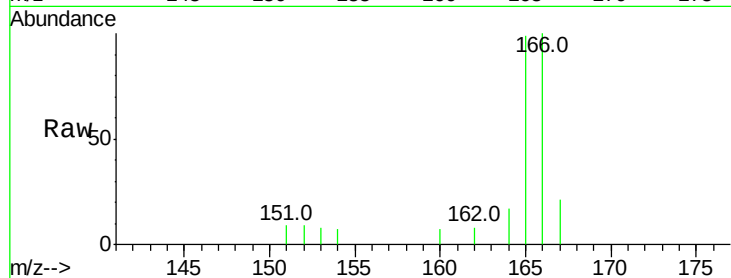
ClientSampleId :

C0AC3

Tot Ion:	166	Resp:	2031
Ion Ratio	Lower	Upper	
166	100		
165	98.5	73.4	110.2
167	20.6	14.6	22.0

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#12

Phenanthrene

Concen: 1.307 ng/ul

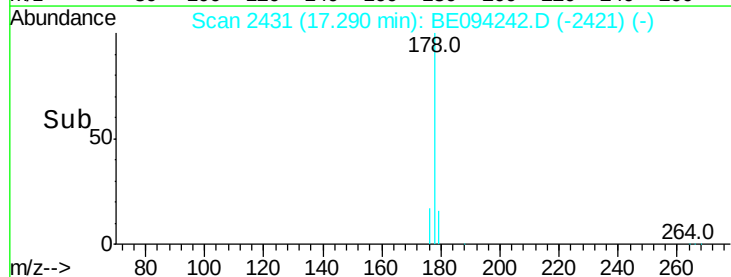
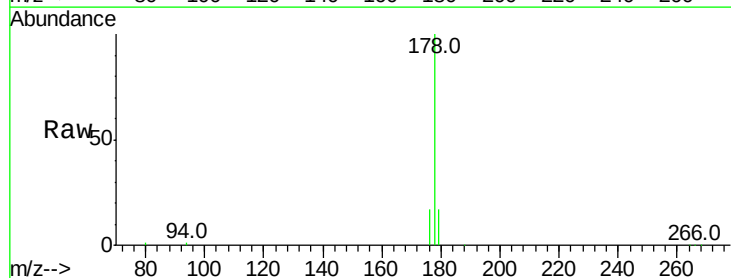
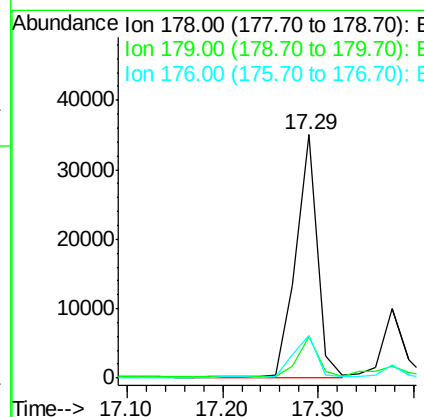
RT: 17.29 min Scan# 2431

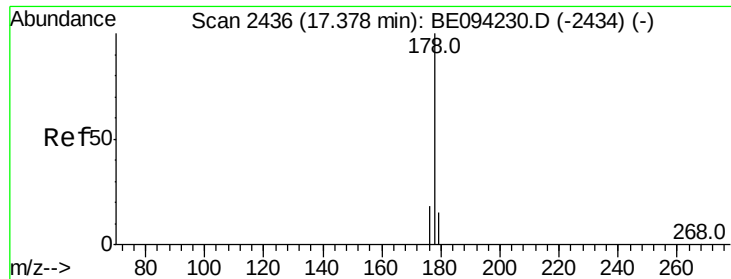
Delta R.T. -0.02 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Tgt Ion:	178	Resp:	53626
Ion Ratio	Lower	Upper	
178	100		
179	16.7	18.4	27.6#
176	17.3	13.6	20.4





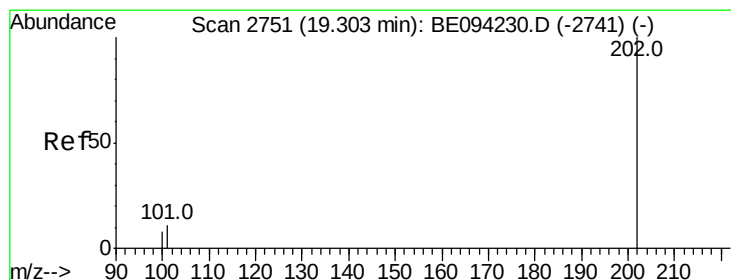
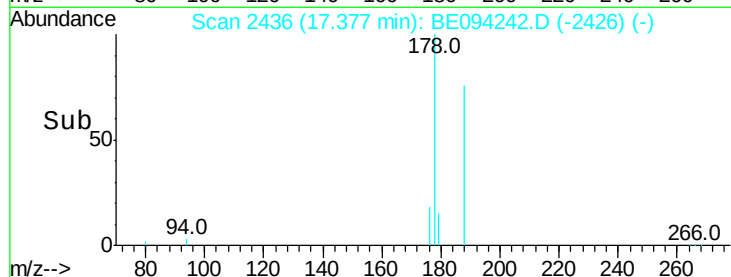
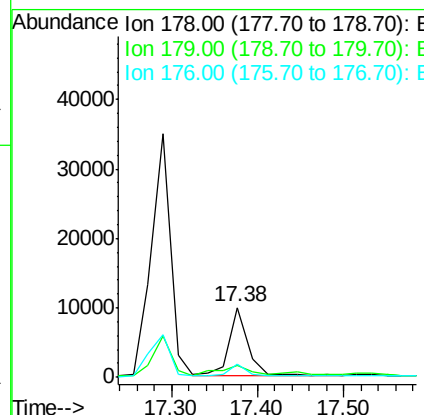
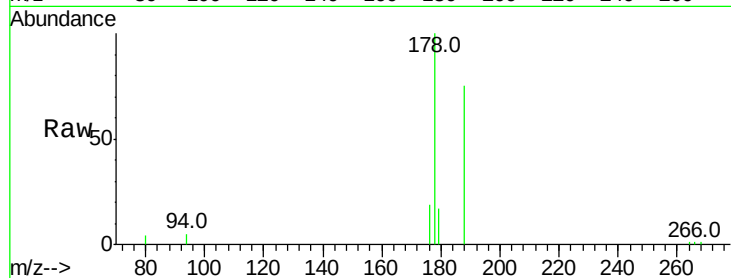
#13
 Anthracene
 Concen: 0.377 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094242.D
 Acq: 10 Oct 2017 4:15

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.1	27.1#
176	19.5	14.7	22.1

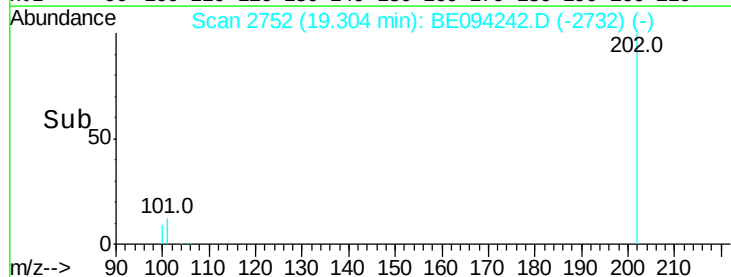
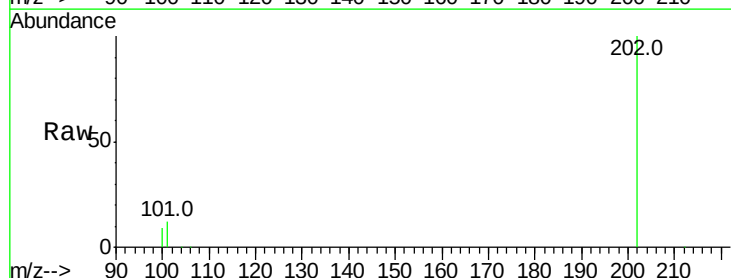
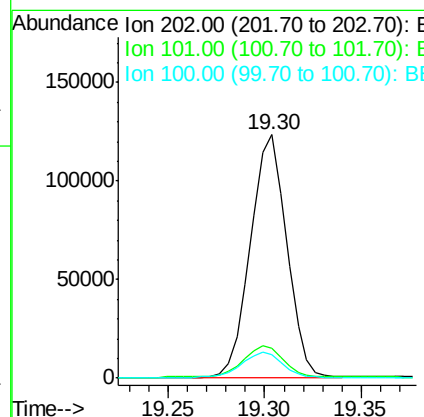
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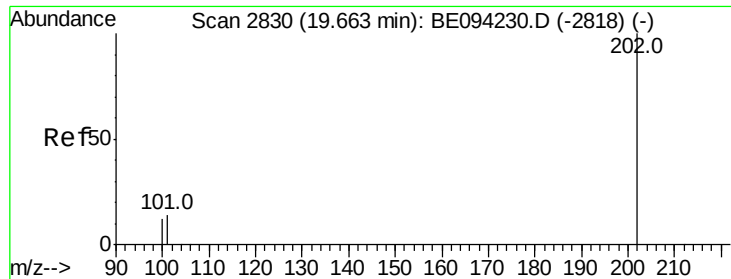
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#15
 Fluoranthene
 Concen: 2.967 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.01 min
 Lab File: BE094242.D
 Acq: 10 Oct 2017 4:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.4	0.0	39.5





#17

Pvrene

Concen: 3.713 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Instrument :

BNA_E

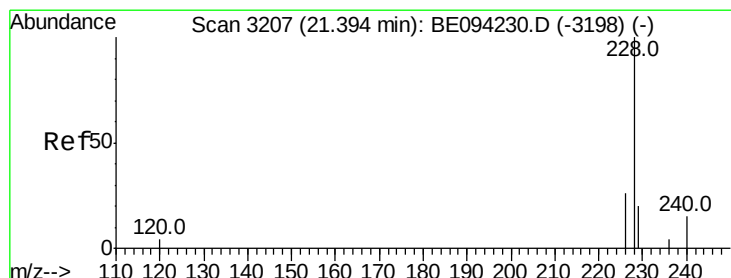
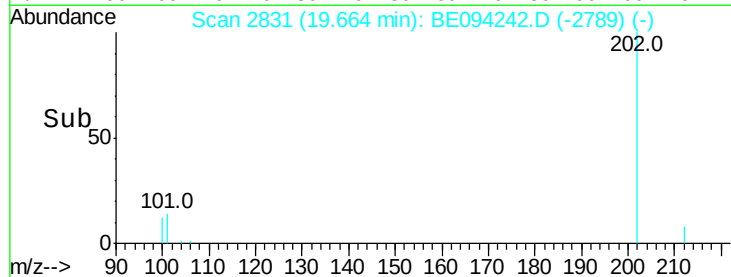
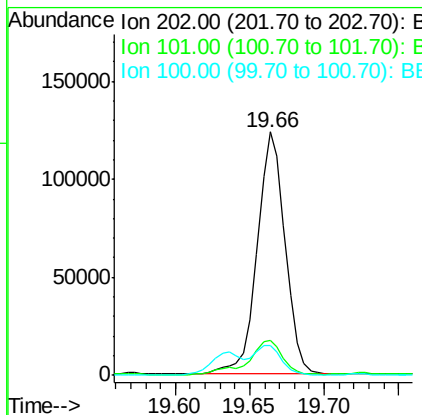
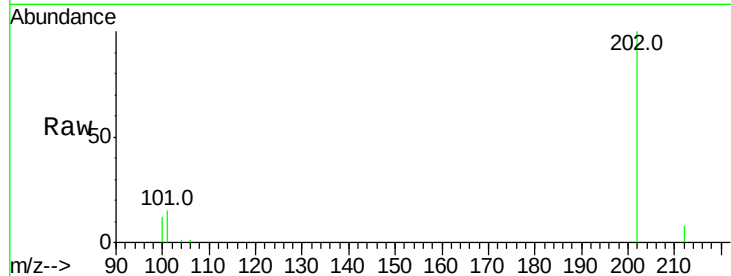
ClientSampleId :

C0AC3

Tot Ion:	202	Resp:	162194
Ion Ratio	Lower	Upper	
202	100		
101	14.5	18.2	27.4#
100	12.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 2.232 ng/ul

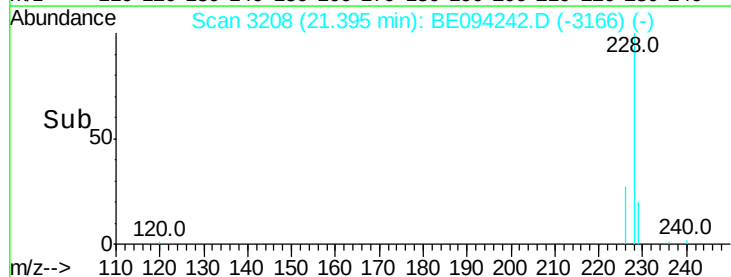
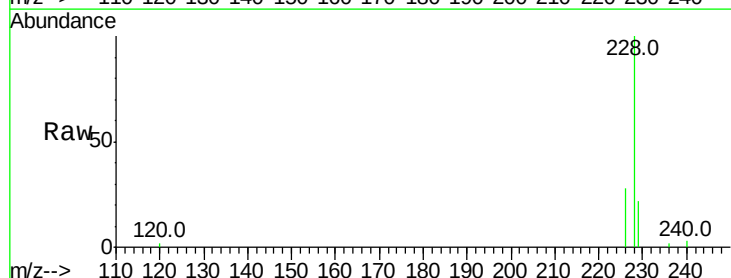
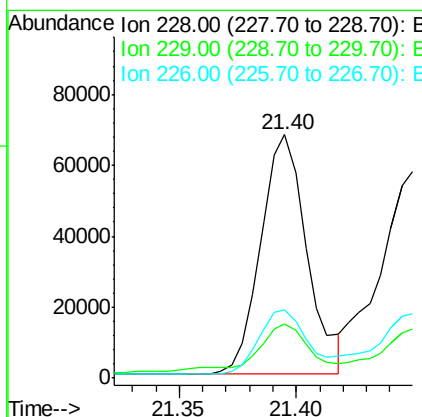
RT: 21.40 min Scan# 3208

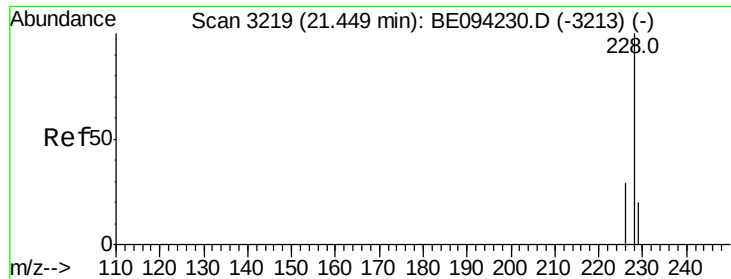
Delta R.T. -0.01 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Tgt Ion:	228	Resp:	92947
Ion Ratio	Lower	Upper	
228	100		
229	22.5	22.8	34.2#
226	28.2	17.0	25.6#





#19

Chrysene

Concen: 1.894 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

Instrument :

BNA_E

ClientSampleId :

C0AC3

Tot Ion:228 Resp: 91091

Ion Ratio Lower Upper

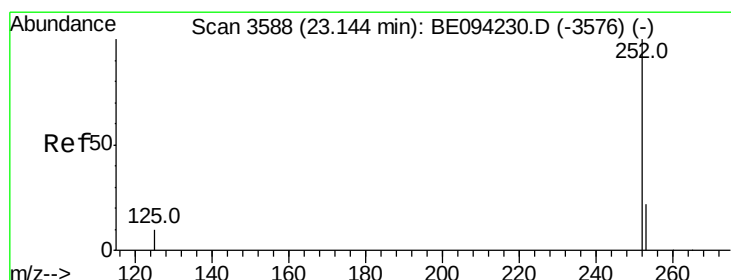
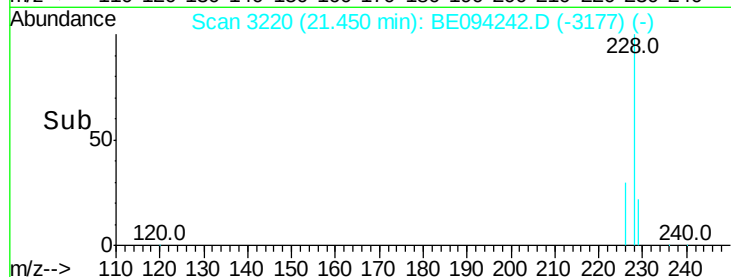
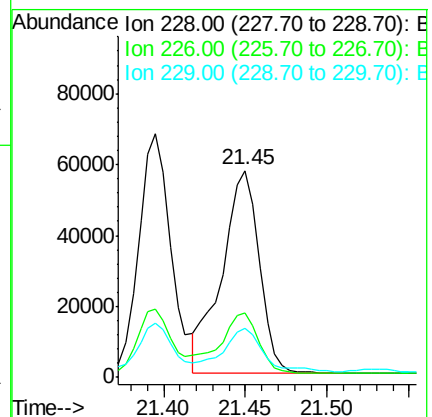
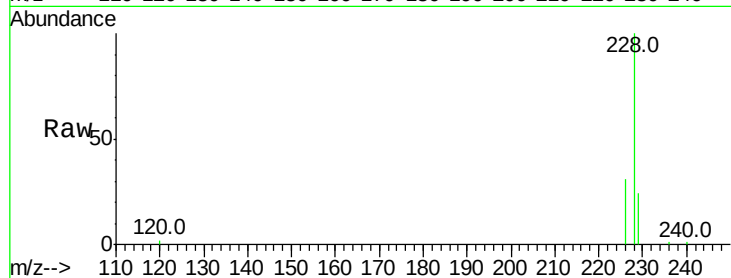
228 100

226 31.2 23.4 35.0

229 23.8 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 3.494 ng/ul m

RT: 23.15 min Scan# 3591

Delta R.T. 0.00 min

Lab File: BE094242.D

Acq: 10 Oct 2017 4:15

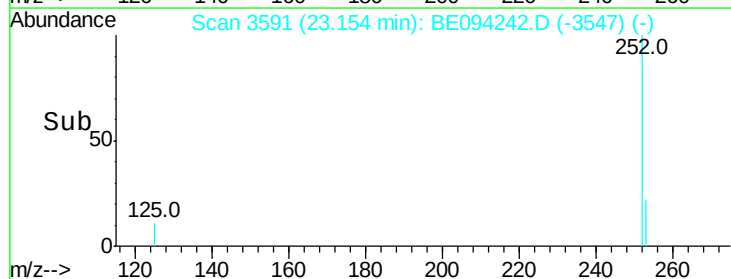
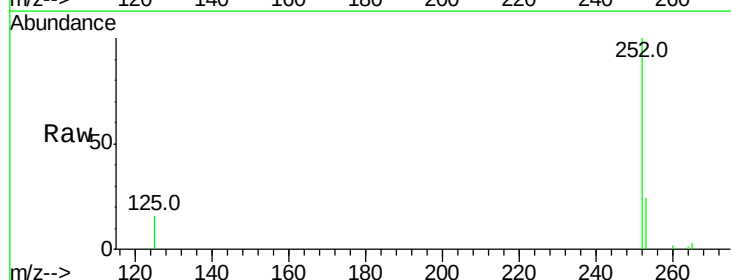
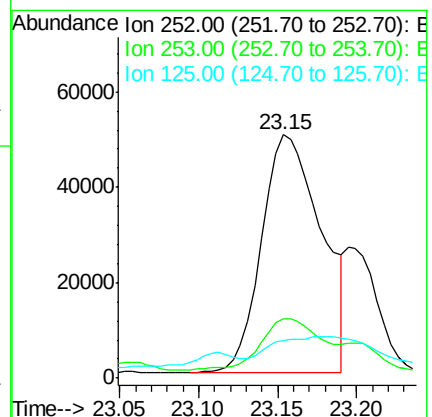
Tgt Ion:252 Resp: 132081

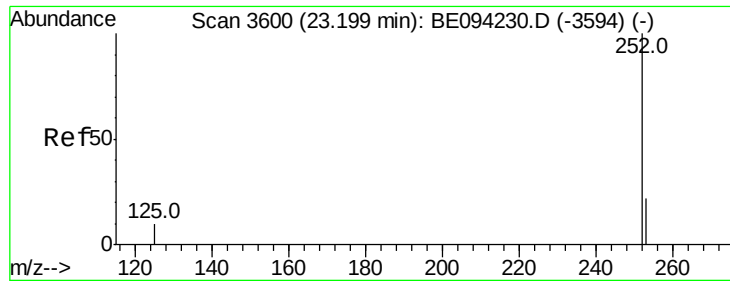
Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

125 15.7 0.0 35.0





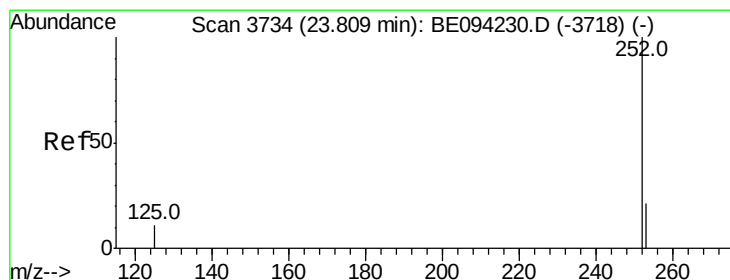
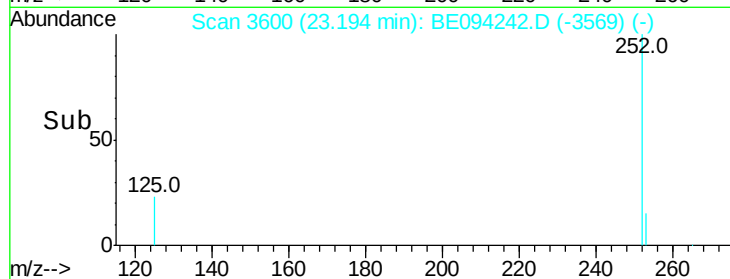
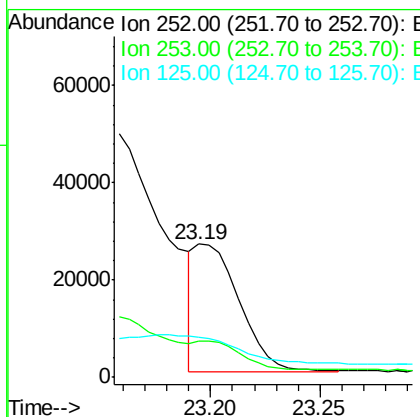
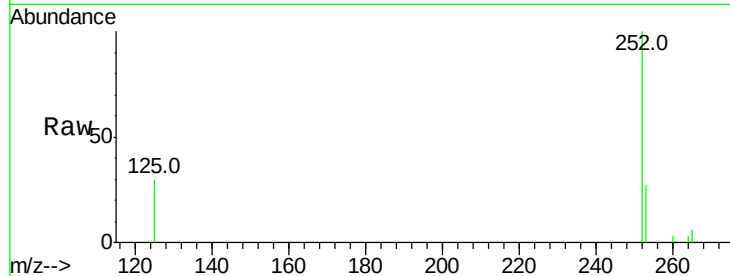
#22
Benzo(k)fluoranthene
Concen: 0.848 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. -0.01 min
Lab File: BE094242.D
Acq: 10 Oct 2017 4:15

Instrument :
BNA_E
ClientSampleId :
C0AC3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	24.5	36.7
125	30.2	13.7	20.5#

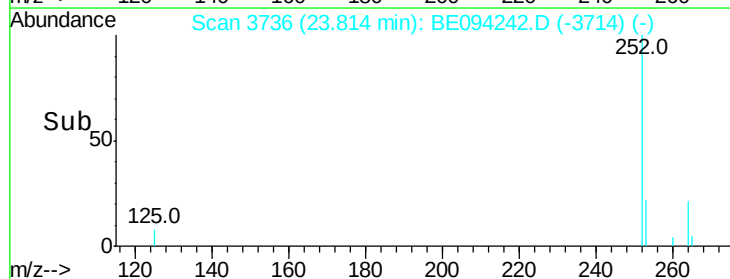
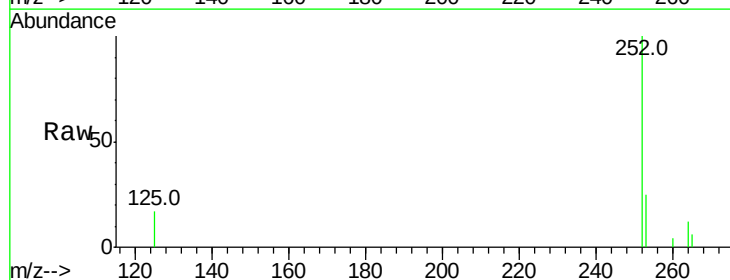
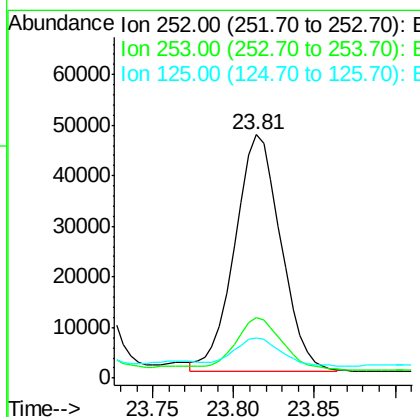
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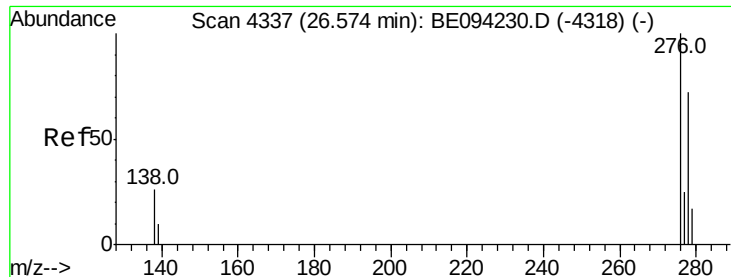
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#23
Benzo(a)pyrene
Concen: 2.357 ng/ul m
RT: 23.81 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BE094242.D
Acq: 10 Oct 2017 4:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	16.6	18.1	27.1#





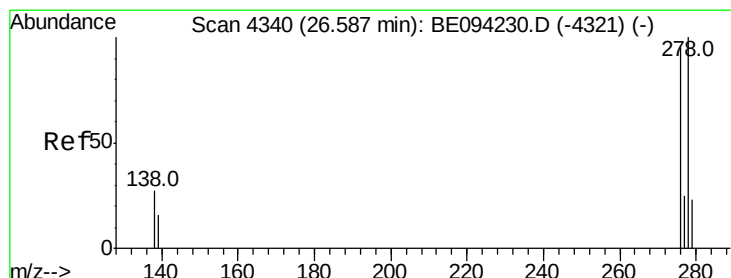
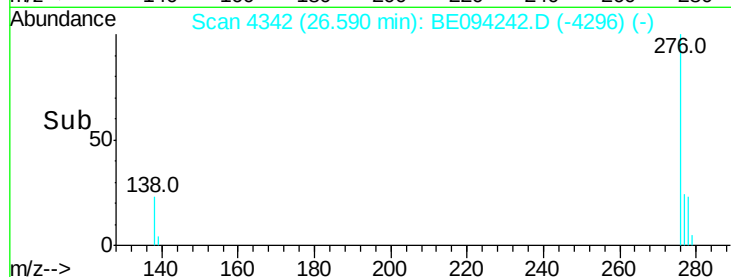
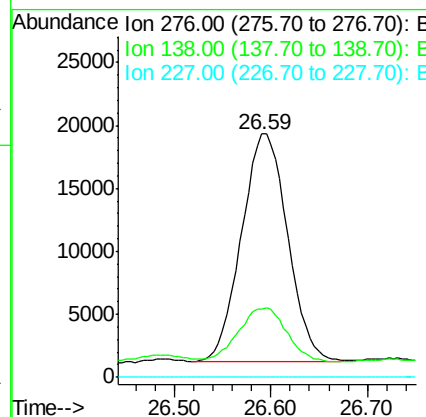
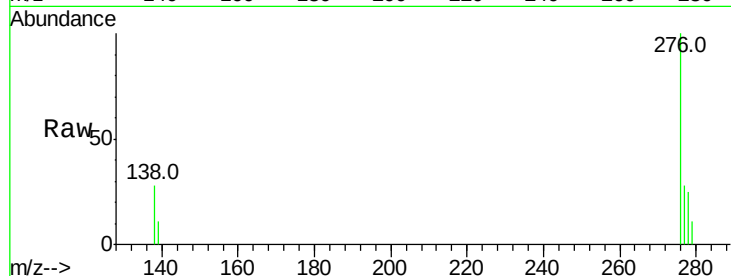
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.507 ng/ul m
 RT: 26.59 min Scan# 4342
 Delta R.T. 0.01 min
 Lab File: BE094242.D
 Acq: 10 Oct 2017 4:15

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.9	28.0	42.0#
227	0.0	8.0	12.0#

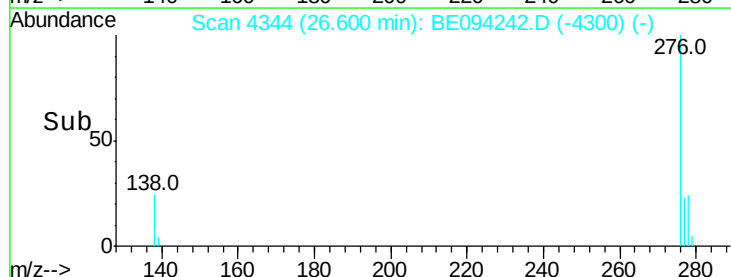
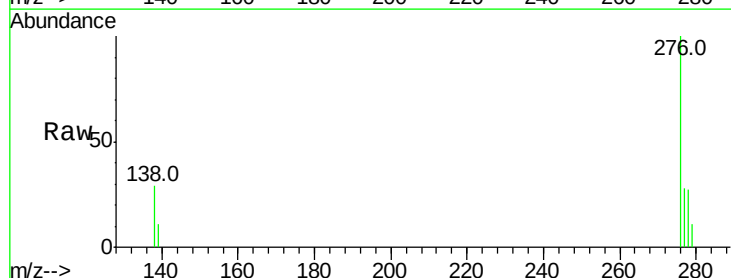
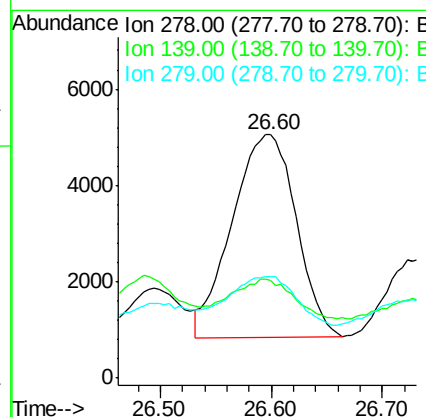
Manual Integrations
 APPROVED

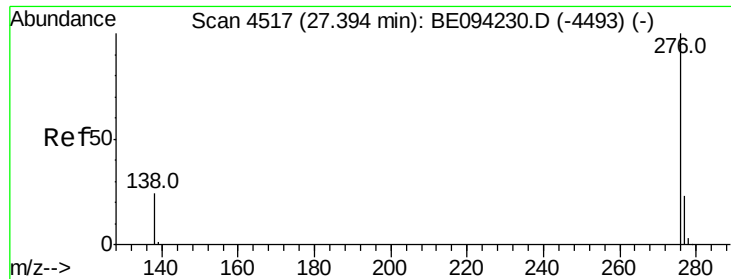
Sohil
 10/10/2017 4:57:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.500 ng/ul m
 RT: 26.60 min Scan# 4344
 Delta R.T. -0.00 min
 Lab File: BE094242.D
 Acq: 10 Oct 2017 4:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.0	17.4	26.0#
279	41.7	25.9	38.9#





#26
 Benzo(a,h,i)perylene
 Concen: 1.551 ng/ul m
 RT: 27.42 min Scan# 4524
 Delta R.T. 0.02 min
 Lab File: BE094242.D
 Acq: 10 Oct 2017 4:15

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	21.8	32.8
277	28.8	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/10/2017 4:57:36 PM

