

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094841.D
 Acq On : 22 Nov 2017 20:42
 Operator : SJ/JU
 Sample : I6496-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

Sohil
 11/27/2017 3:25:37 PM

Quant Time: Nov 23 03:00:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	795	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4885	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3623	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	8648m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	9096	0.40	ng/ul	-0.01
20) Perylene-d12	23.95	264	7486m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2565	0.33	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	9769	0.33	ng/ul	-0.02
Target Compounds					Ovalue	
3) Naphthalene	10.72	128	2259	0.194	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	2155	0.266	ng/ul	98
7) Acenaphthylene	14.23	152	2805	0.169	ng/ul	96
8) Acenaphthene	14.56	153	745	0.064	ng/ul#	92
9) Fluorene	15.55	166	1251	0.088	ng/ul#	92
12) Phenanthrene	17.27	178	33812	1.456	ng/ul#	90
13) Anthracene	17.36	178	8356	0.353	ng/ul	96
15) Fluoranthene	19.30	202	118930	3.902	ng/ul	82
17) Pyrene	19.66	202	112501	3.952	ng/ul#	78
18) Benzo(a)anthracene	21.40	228	70620	2.554	ng/ul#	88
19) Chrysene	21.45	228	62038	2.247	ng/ul	100
21) Benzo(b)fluoranthene	23.17	252	85842m	3.849	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	30474m	1.285	ng/ul	
23) Benzo(a)pyrene	23.83	252	63698m	2.872	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	39335m	1.627	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	10519m	0.516	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	32648m	1.612	ng/ul	

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

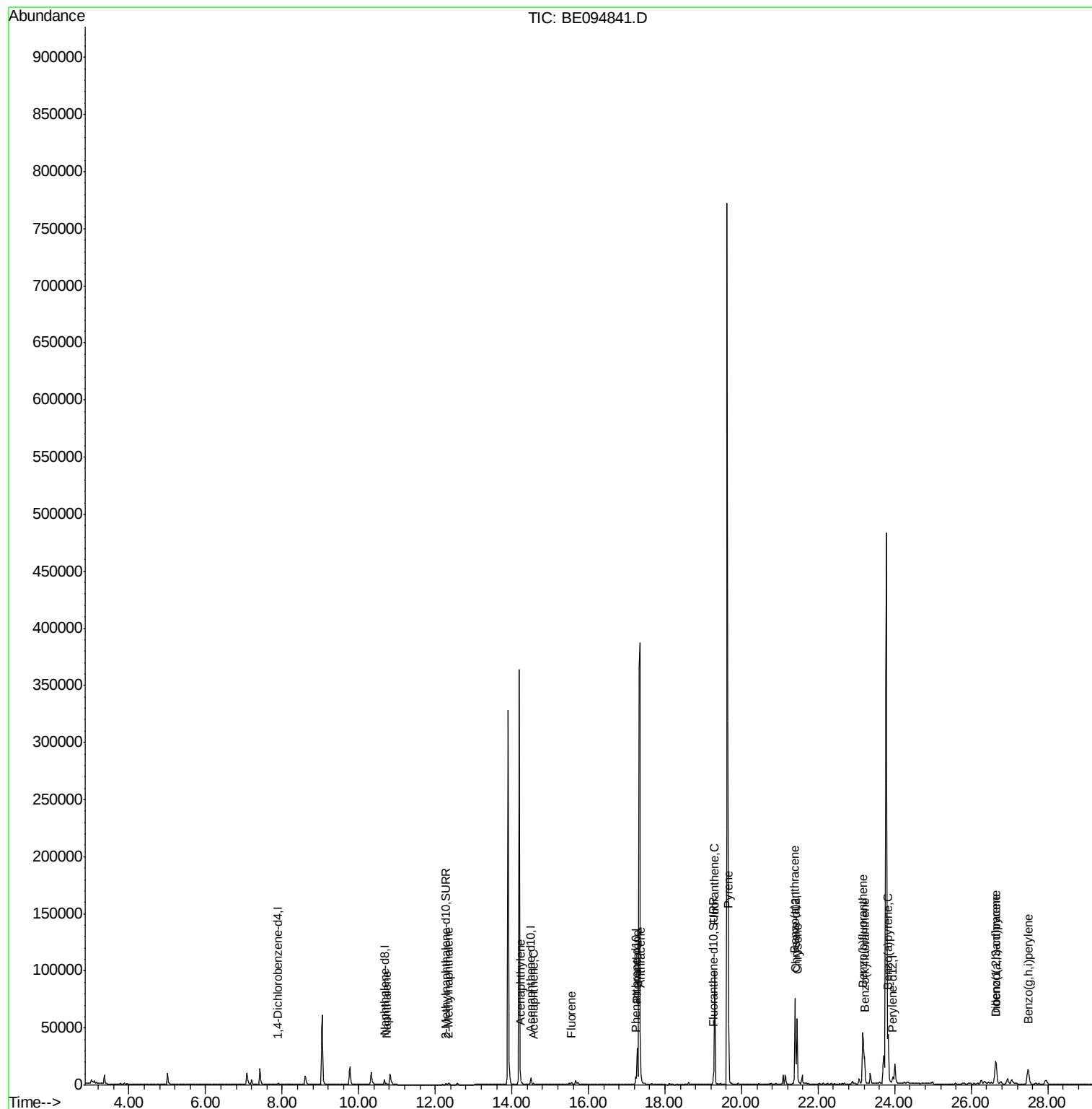
Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

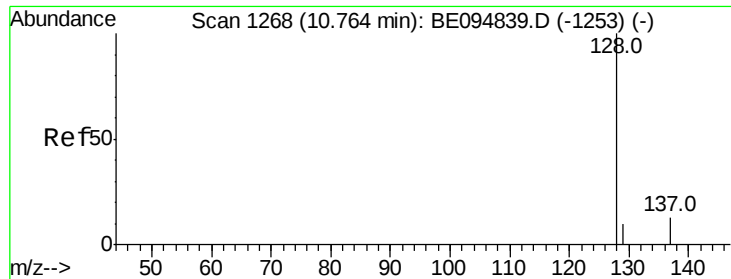
Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
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#3

Naphthalene

Concen: 0.194 ng/ul

RT: 10.72 min Scan# 1260

Delta R.T. -0.04 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

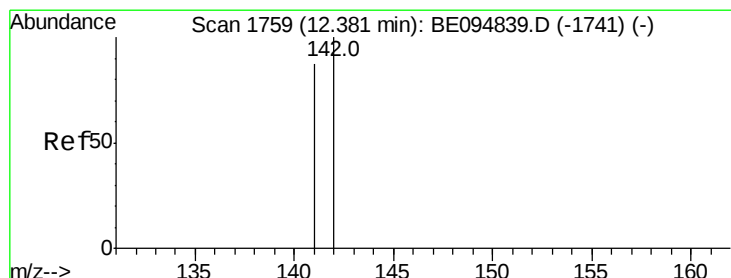
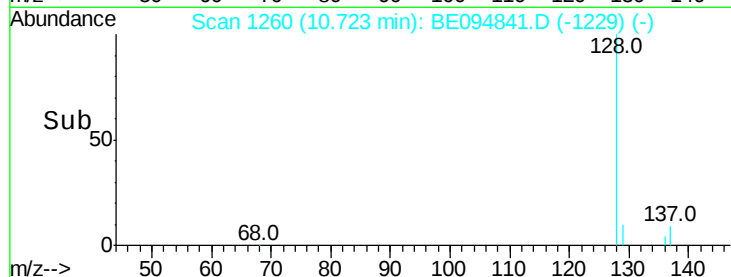
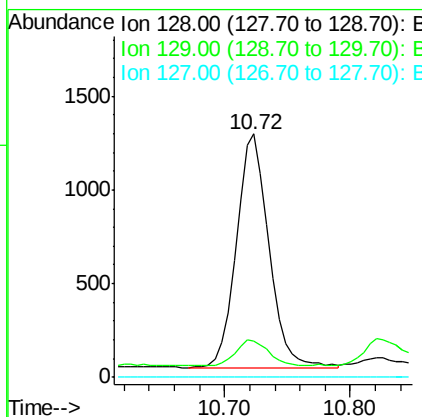
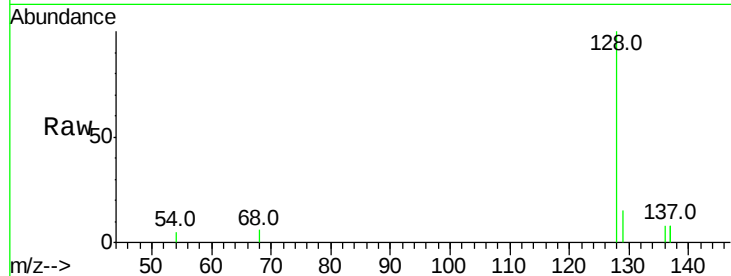
ClientSampleId :

C0AA0

Tot Ion:	128	Resp:	2259
Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.266 ng/ul

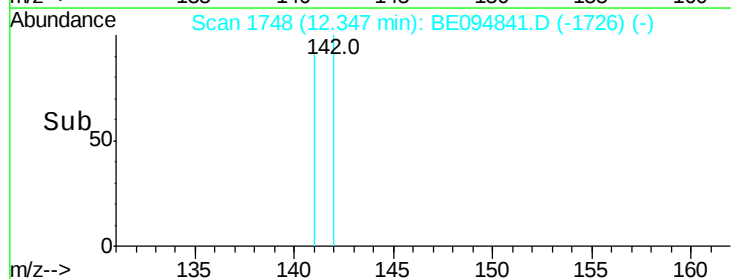
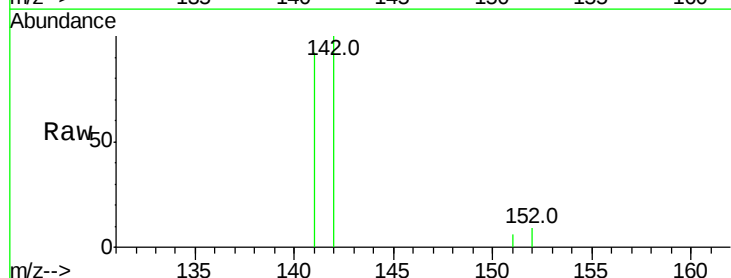
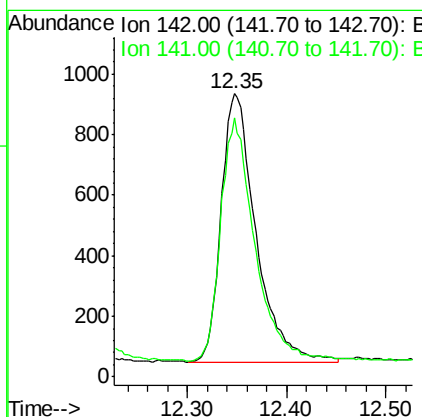
RT: 12.35 min Scan# 1748

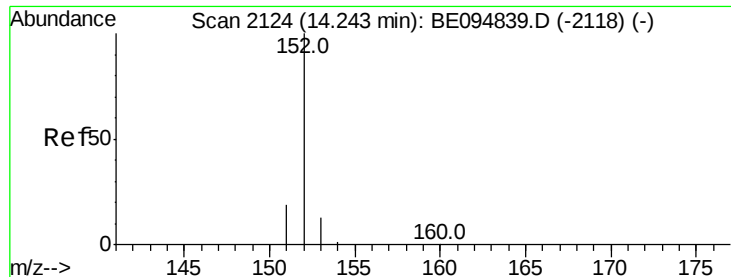
Delta R.T. -0.03 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Tgt Ion:	142	Resp:	2155
Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.169 ng/ul

RT: 14.23 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

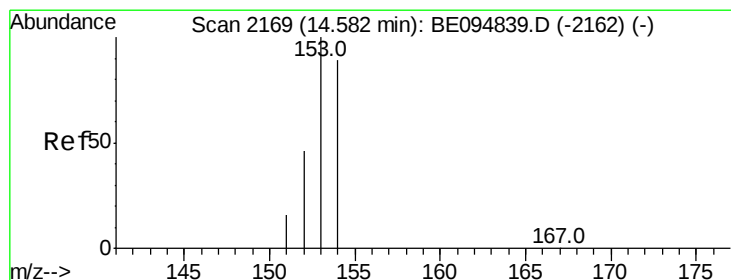
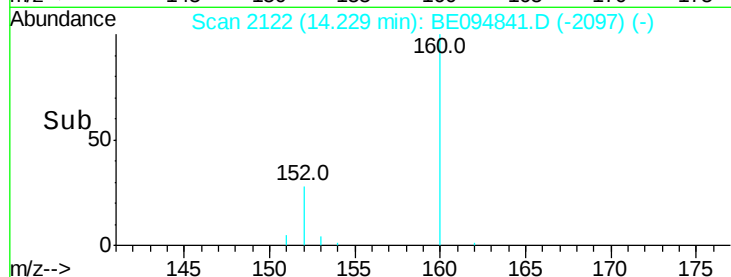
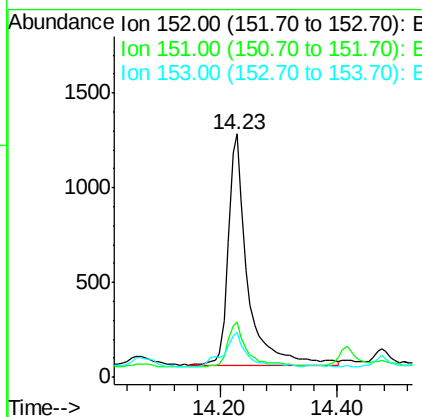
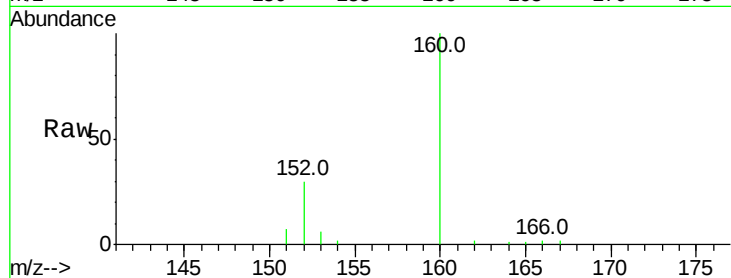
ClientSampleId :

C0AA0

Tot Ion:	152	Resp:	2805
Ion Ratio	Lower	Upper	
152	100		
151	22.8	17.1	25.7
153	18.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.064 ng/ul

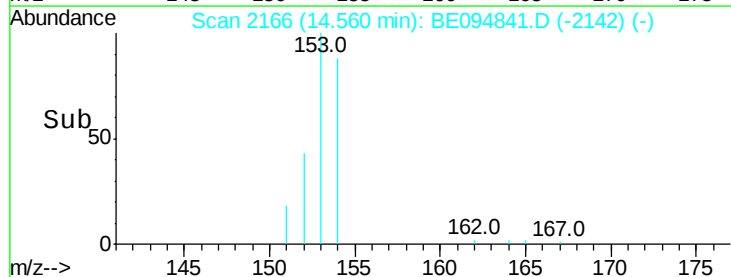
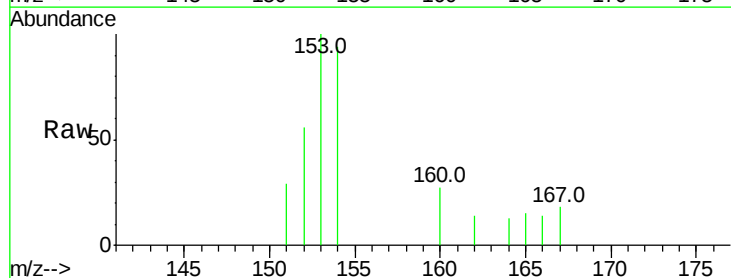
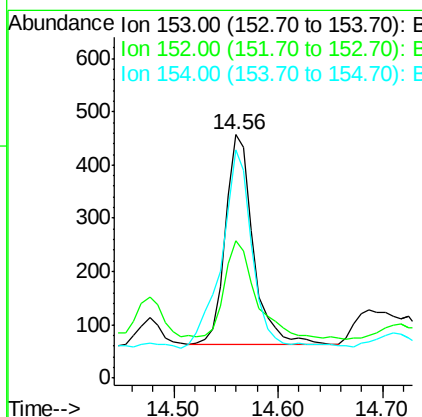
RT: 14.56 min Scan# 2166

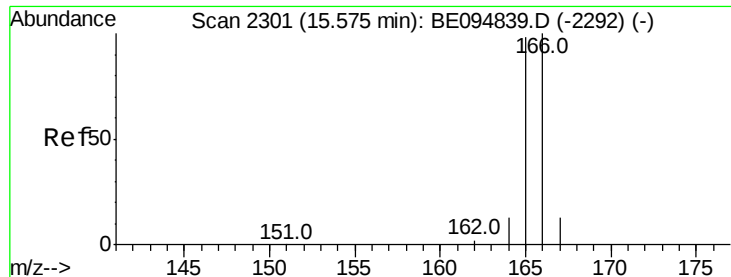
Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Tgt Ion:	153	Resp:	745
Ion Ratio	Lower	Upper	
153	100		
152	56.2	36.0	54.0#
154	93.7	72.0	108.0





#9

Fluorene

Concen: 0.088 ng/ul

RT: 15.55 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

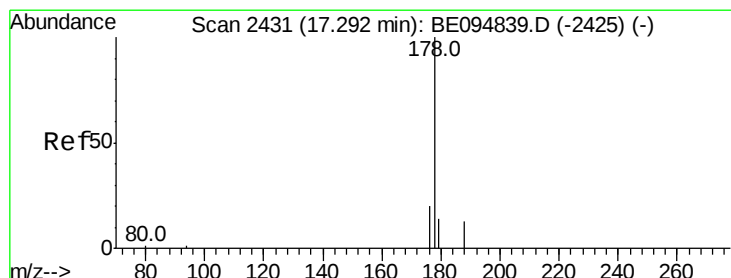
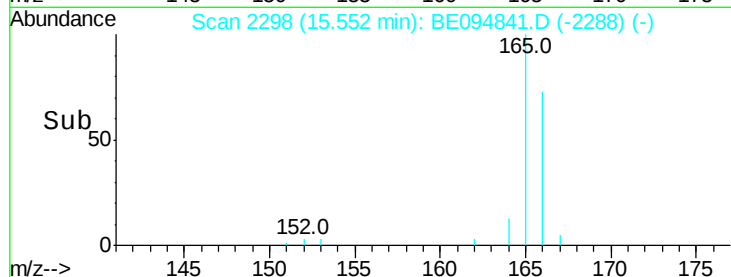
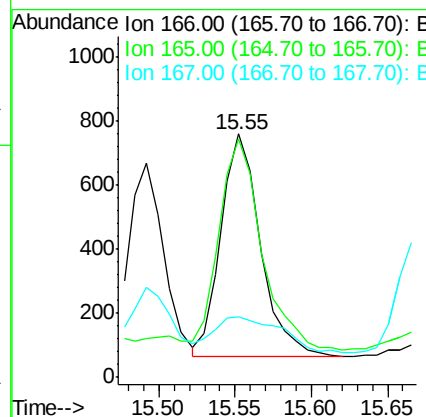
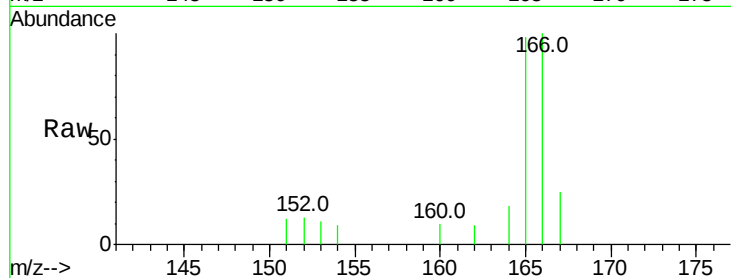
ClientSampleId :

C0AA0

Tot Ion:	166	Resp:	1251
Ion Ratio	Lower	Upper	
166	100		
165	98.0	73.4	110.2
167	25.0	14.6	22.0#

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#12

Phenanthrene

Concen: 1.456 ng/ul

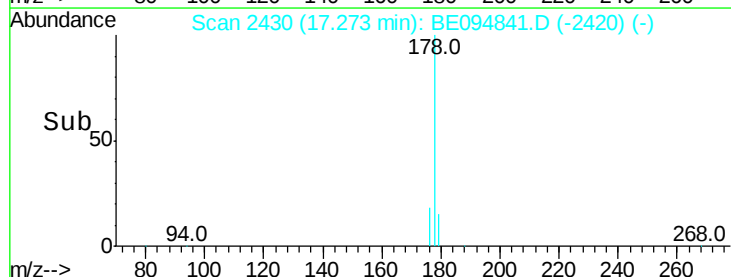
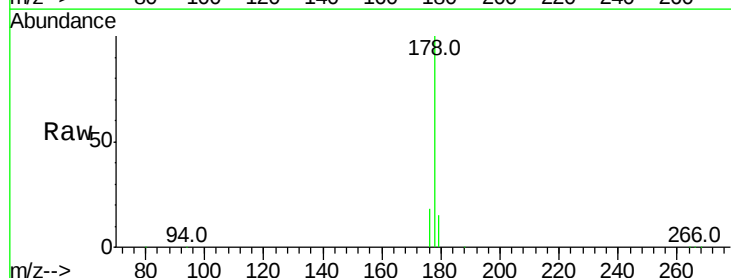
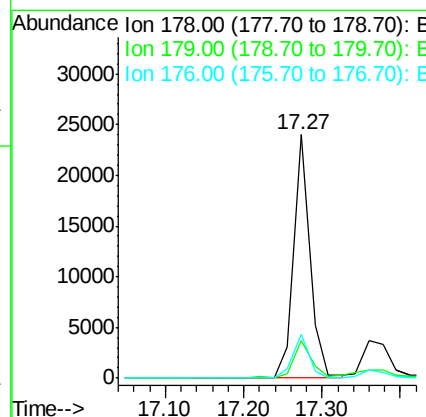
RT: 17.27 min Scan# 2430

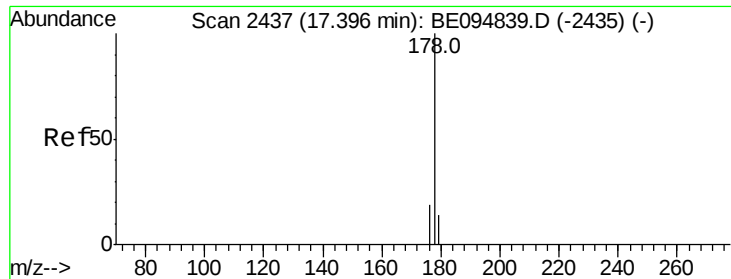
Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Tgt Ion:	178	Resp:	33812
Ion Ratio	Lower	Upper	
178	100		
179	15.2	18.4	27.6#
176	18.1	13.6	20.4





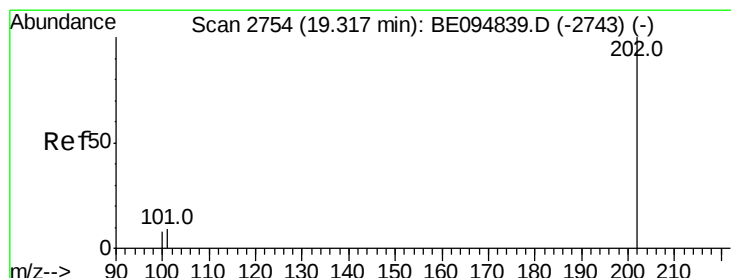
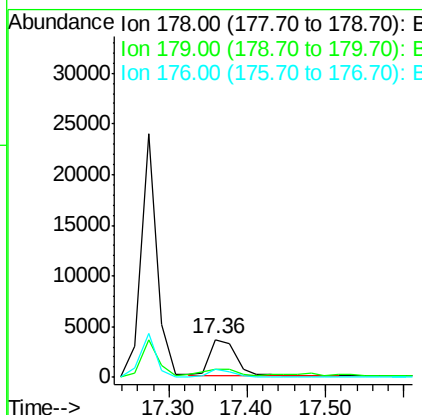
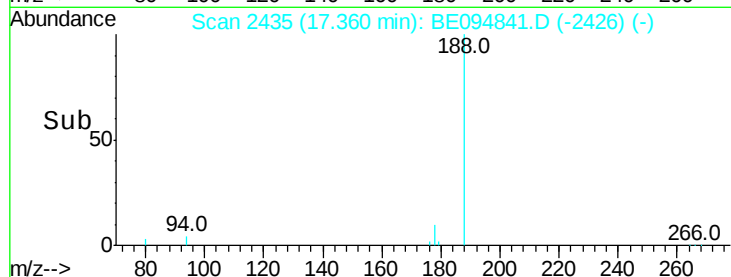
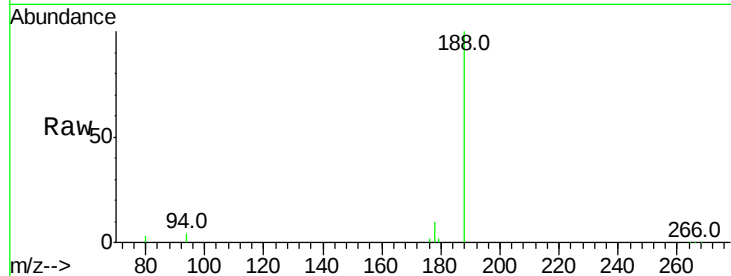
#13
 Anthracene
 Concen: 0.353 ng/ul
 RT: 17.36 min Scan# 2435
 Delta R.T. -0.04 min
 Lab File: BE094841.D
 Acq: 22 Nov 2017 20:42

Instrument :
 BNA_E
 ClientSampleId :
 C0AA0

Tot Ion:178 Resp: 8356
 Ion Ratio Lower Upper
 178 100
 179 21.6 18.1 27.1
 176 21.0 14.7 22.1

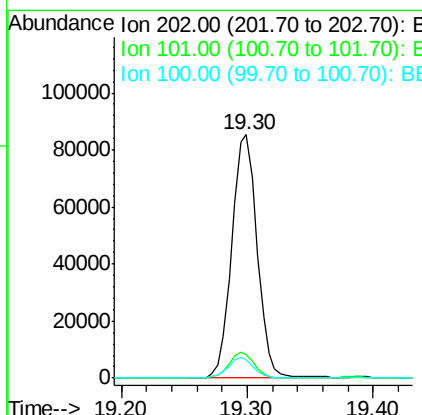
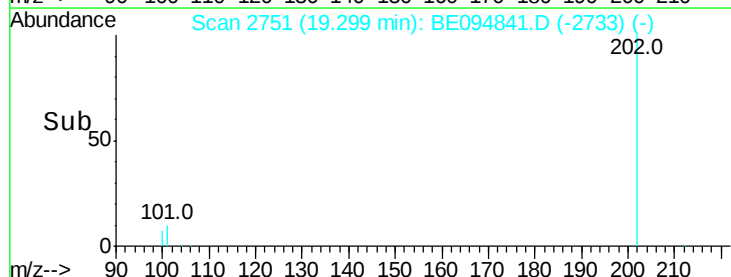
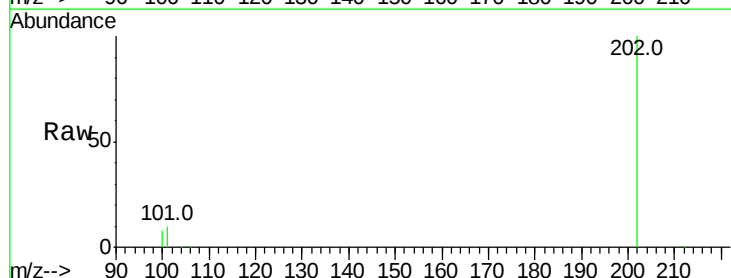
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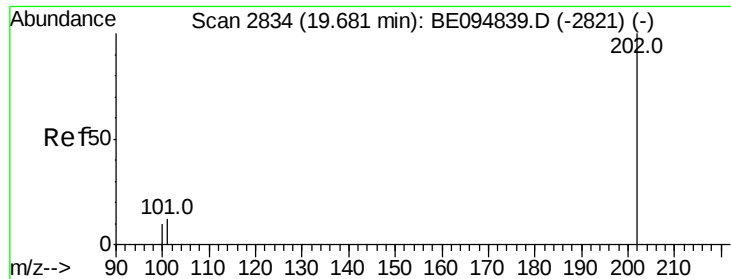
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#15
 Fluoranthene
 Concen: 3.902 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.02 min
 Lab File: BE094841.D
 Acq: 22 Nov 2017 20:42

Tgt Ion:202 Resp: 118930
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 30.3
 100 7.6 0.0 39.5





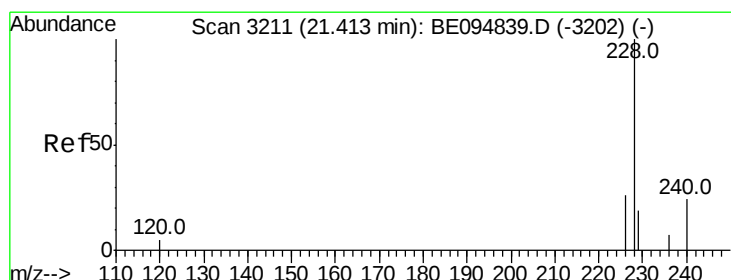
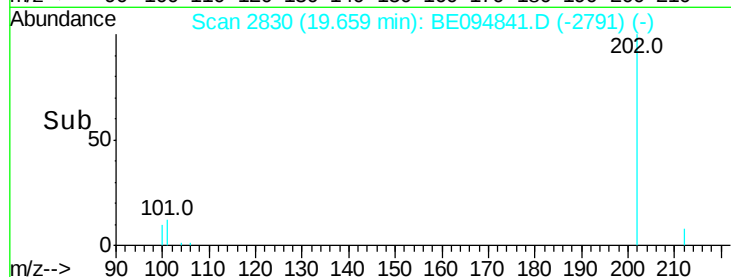
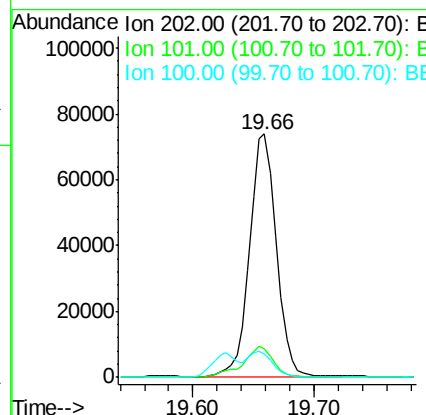
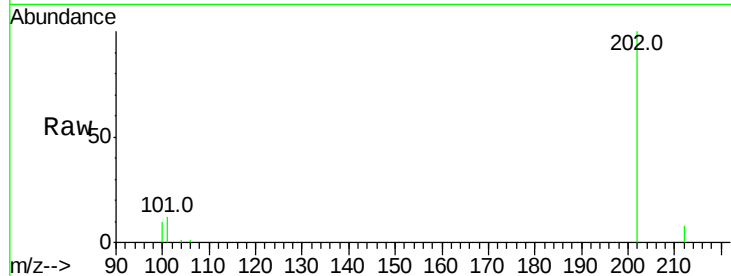
#17
Pvrene
Concen: 3.952 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Instrument :
BNA_E
ClientSampled :
C0AA0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	9.9	15.6	23.4#

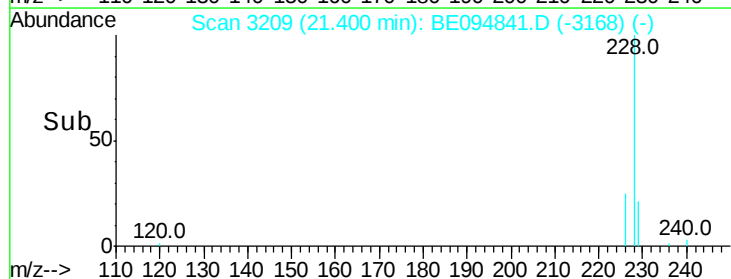
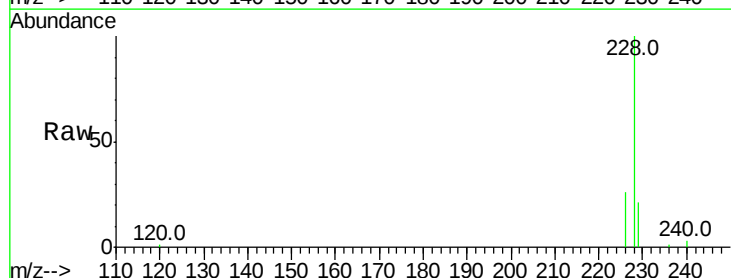
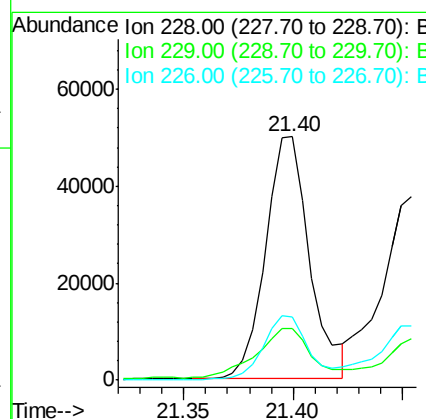
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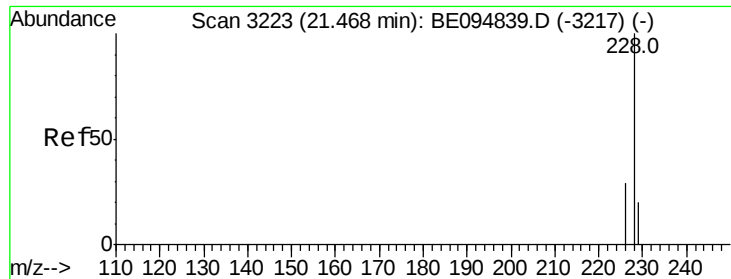
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#18
Benzo(a)anthracene
Concen: 2.554 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	25.8	17.0	25.6#





#19

Chrysene

Concen: 2.247 ng/ul

RT: 21.45 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AA0

Tot Ion:228 Resp: 62038

Ion Ratio Lower Upper

228 100

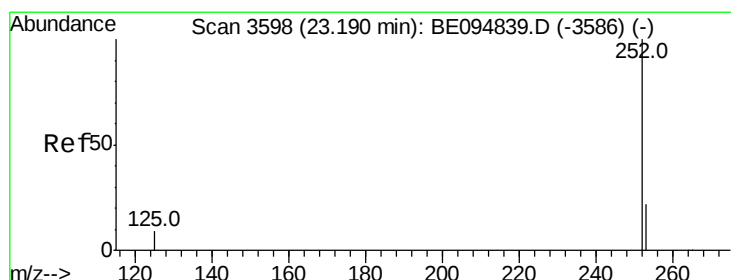
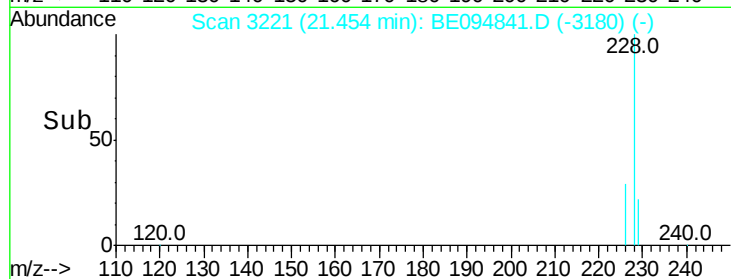
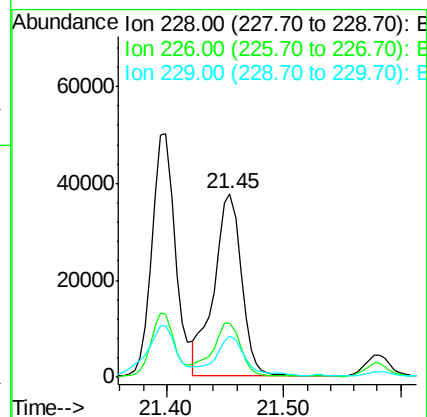
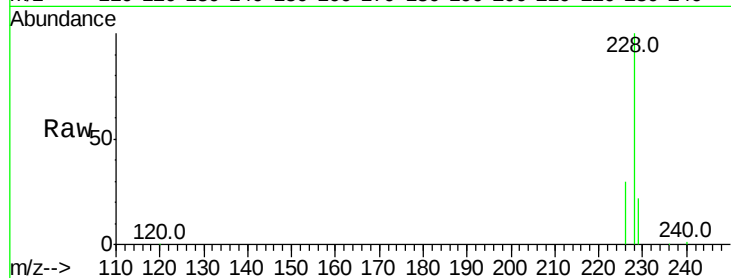
226 29.5 23.4 35.0

229 22.1 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 3.849 ng/ul m

RT: 23.17 min Scan# 3594

Delta R.T. -0.02 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

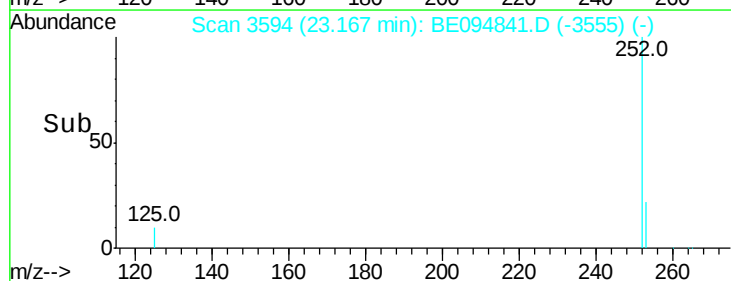
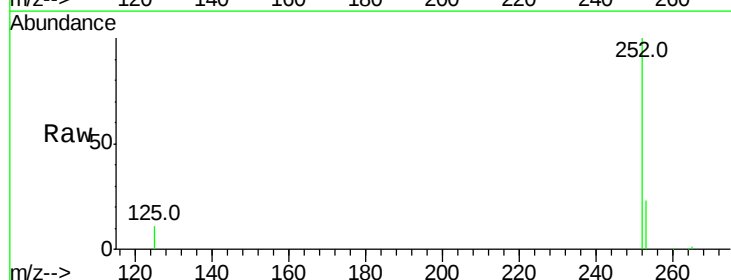
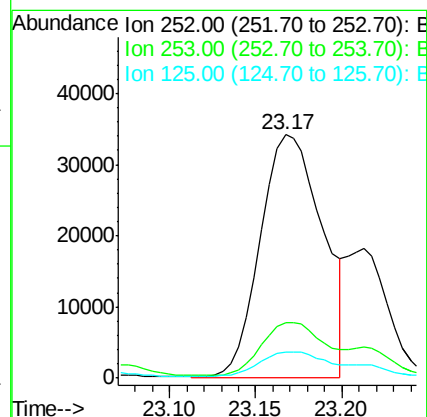
Tgt Ion:252 Resp: 85842

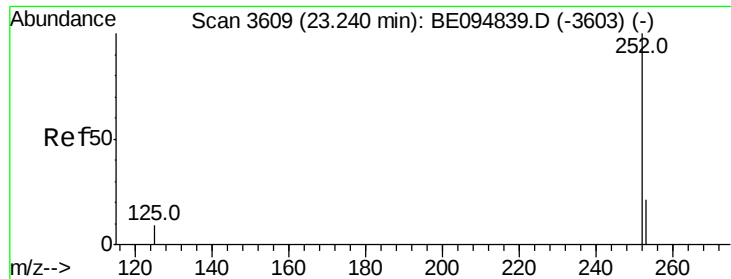
Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

125 10.8 0.0 35.0





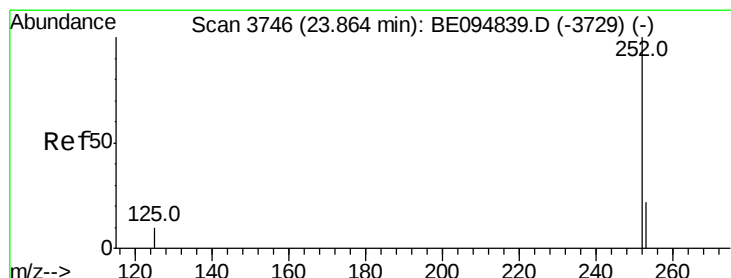
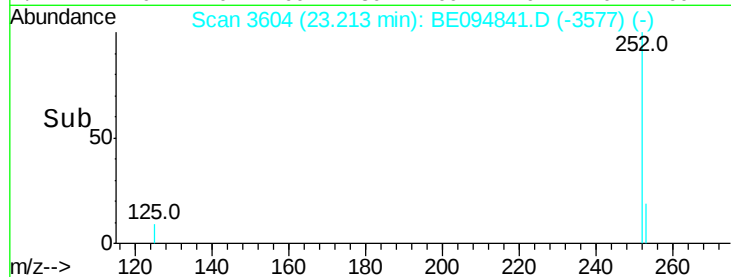
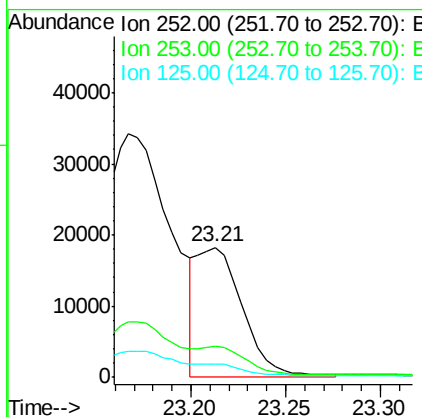
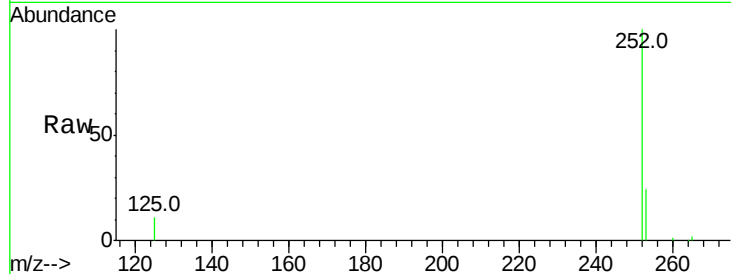
#22
Benzo(k)fluoranthene
Concen: 1.285 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.03 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Instrument :
BNA_E
ClientSampleId :
C0AA0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	10.7	13.7	20.5#

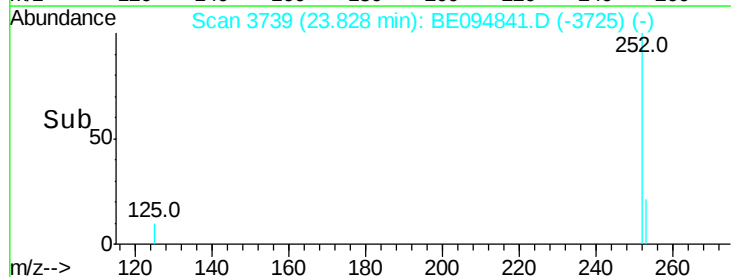
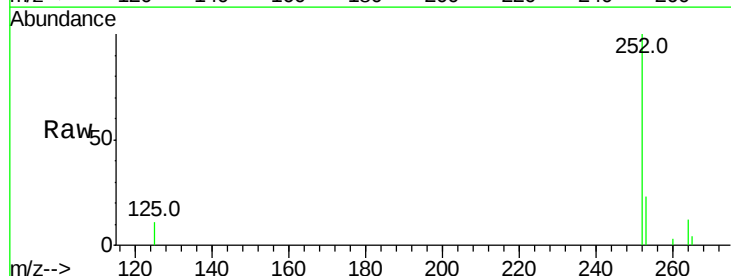
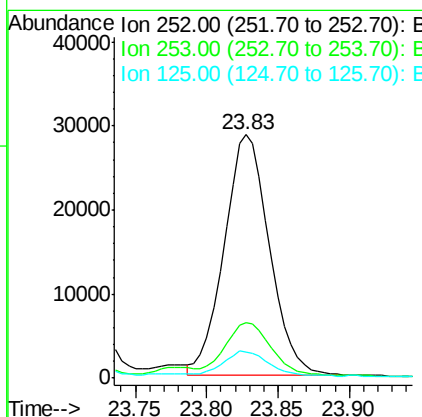
Manual Integrations
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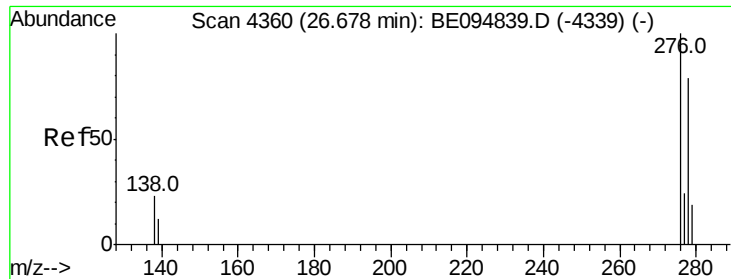
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#23
Benzo(a)pyrene
Concen: 2.872 ng/ul m
RT: 23.83 min Scan# 3739
Delta R.T. -0.04 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	10.9	18.1	27.1#





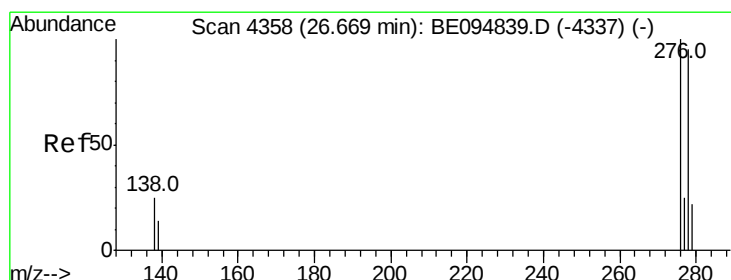
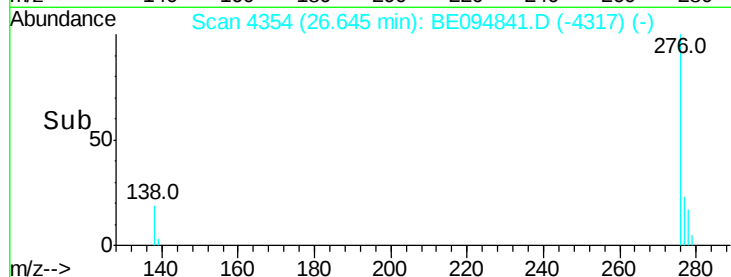
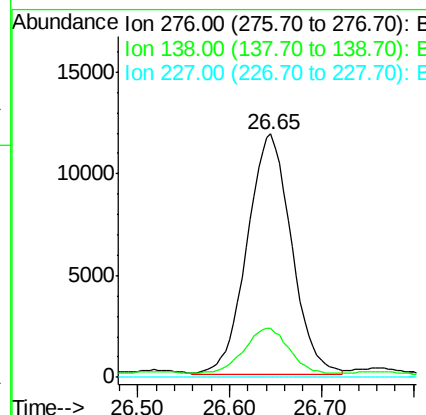
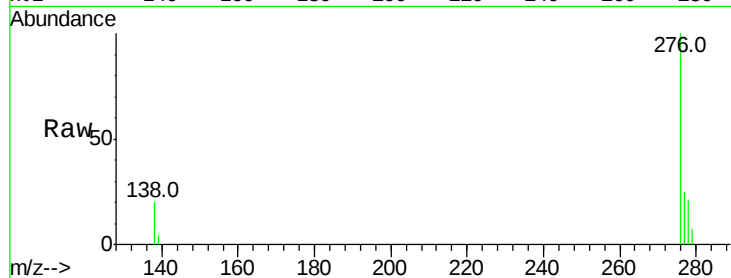
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.627 ng/ul m
RT: 26.65 min Scan# 4354
Delta R.T. -0.03 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Instrument :
BNA_E
ClientSampleId :
C0AA0

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	0.5	28.0	42.0#
227	0.0	8.0	12.0#

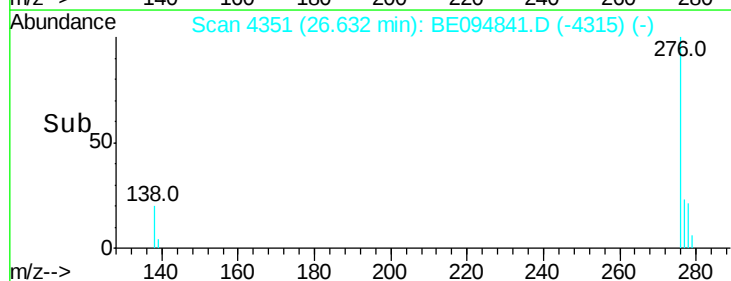
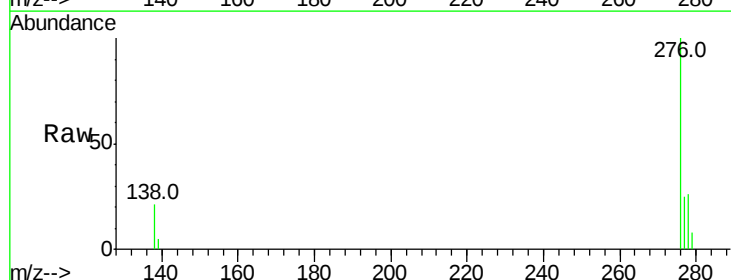
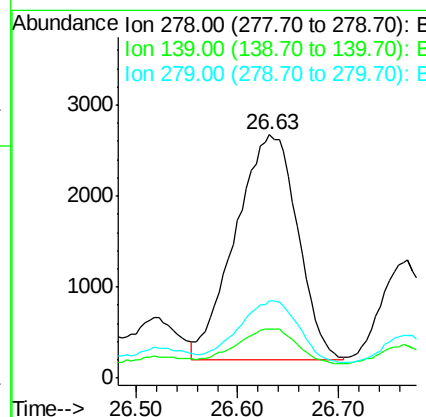
Manual Integrations
APPROVED

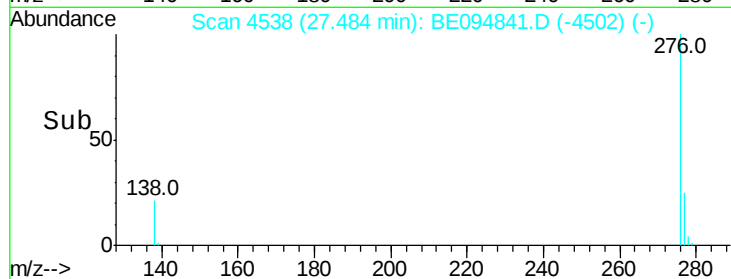
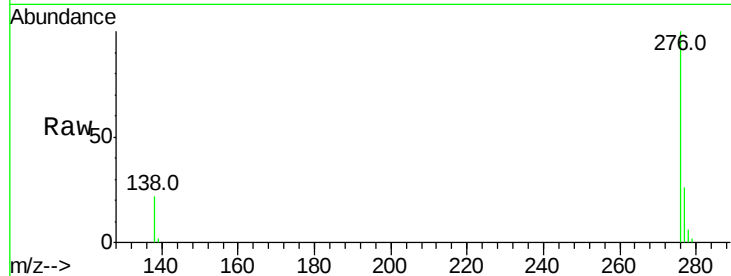
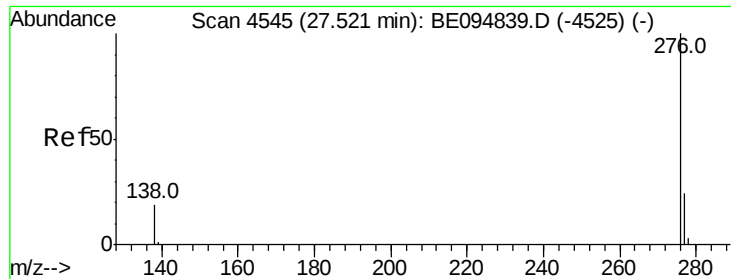
Sohil
11/27/2017 3:25:37 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.516 ng/ul m
RT: 26.63 min Scan# 4351
Delta R.T. -0.04 min
Lab File: BE094841.D
Acq: 22 Nov 2017 20:42

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	20.1	17.4	26.0
279	31.6	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.612 ng/ul m

RT: 27.48 min Scan# 4538

Delta R.T. -0.04 min

Lab File: BE094841.D

Acq: 22 Nov 2017 20:42

Instrument :

BNA_E

ClientSampleId :

C0AA0

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	21.8	32.8#
277	25.9	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/27/2017 3:25:37 PM

