

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
 Data File : BE094682.D
 Acq On : 1 Nov 2017 5:29
 Operator : SJ/JU
 Sample : I5844-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Manual Integrations
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Sohil
 11/1/2017 4:30:00 PM

Quant Time: Nov 01 09:48:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 09:37:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1501	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8709	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	10492	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10375	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9505m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	2285	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	5224	0.17	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2291	0.108	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1817	0.122	ng/ul	98
7) Acenaphthylene	14.24	152	5791	0.262	ng/ul	99
8) Acenaphthene	14.57	153	7806	0.492	ng/ul	99
9) Fluorene	15.56	166	8335	0.467	ng/ul	93
12) Phenanthrene	17.29	178	604434	21.811	ng/ul#	92
13) Anthracene	17.38	178	45480	1.663	ng/ul#	92
15) Fluoranthene	19.31	202	1739191	54.283	ng/ul	84
17) Pyrene	19.67	202	1353155	42.189	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	483674	16.308	ng/ul#	86
19) Chrysene	21.46	228	784685	25.596	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	1043035m	39.011	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	348759m	12.172	ng/ul	
23) Benzo(a)pyrene	23.84	252	524084m	19.609	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	381361m	13.790	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	82721m	3.550	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	296680m	13.360	ng/ul	

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

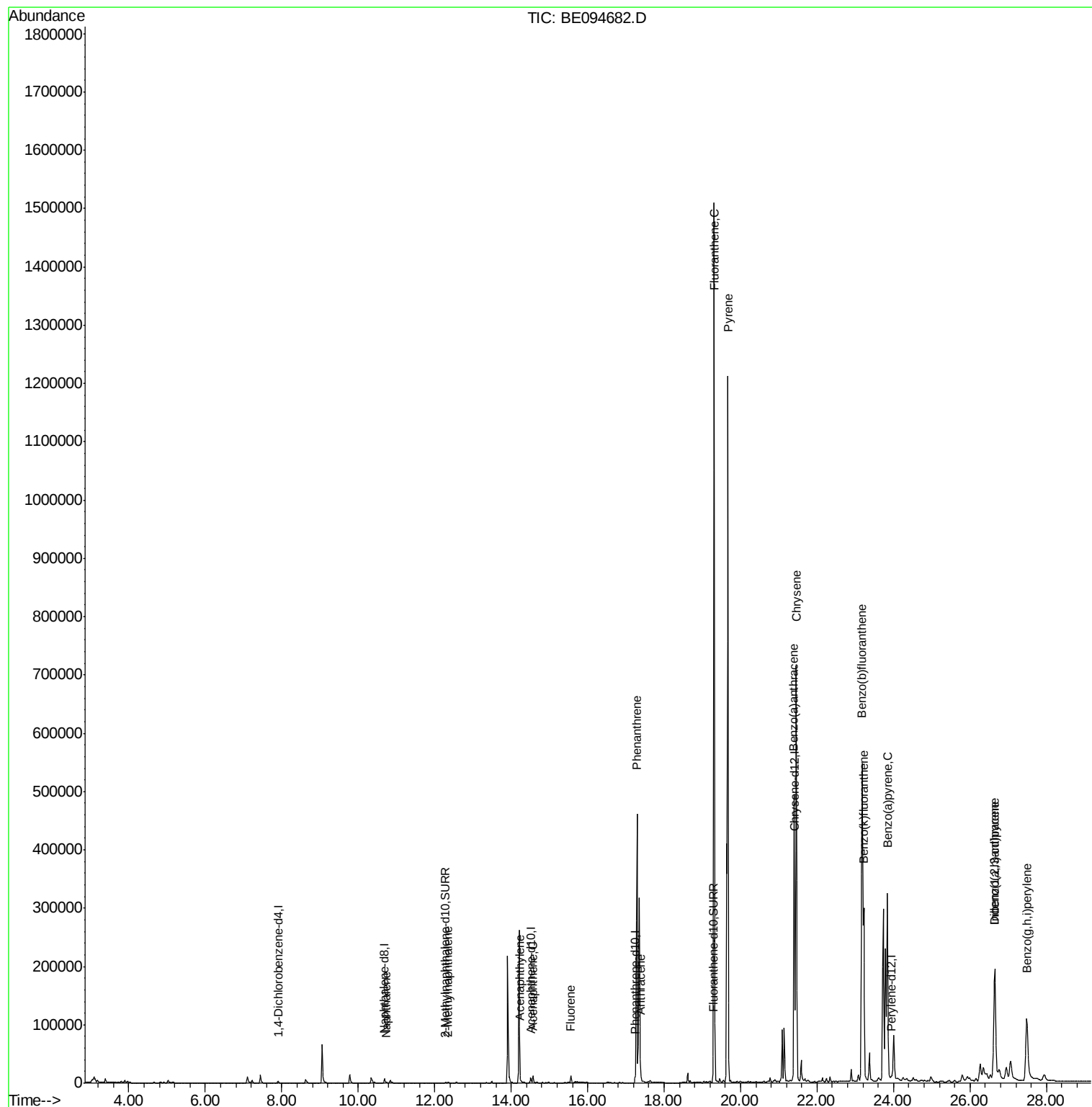
Data Path : Z:\HPCHEM1\BNA E\DATA\BE103117\
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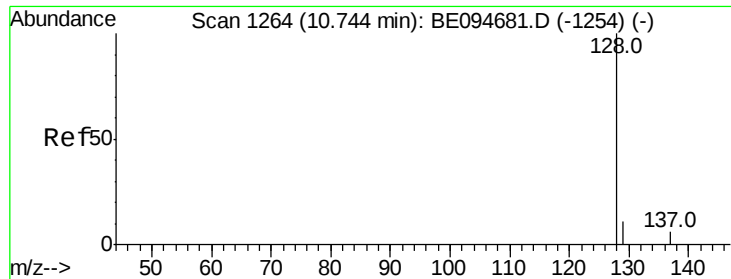
Instrument :
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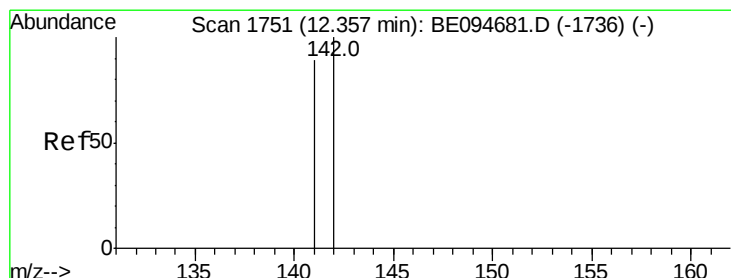
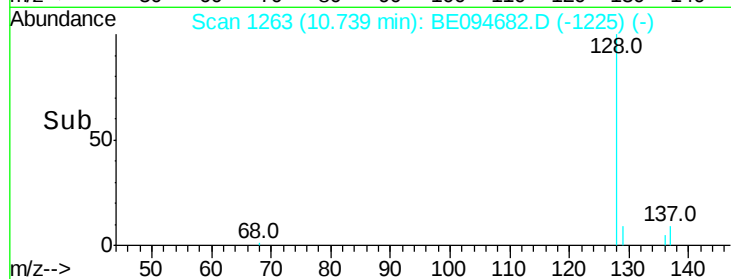
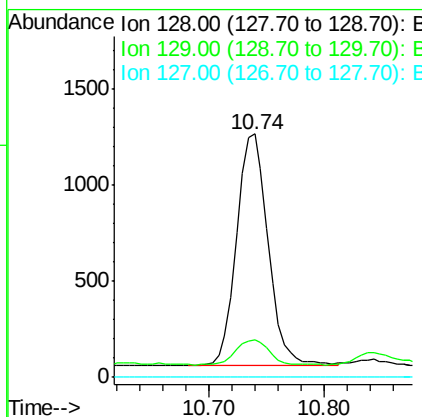
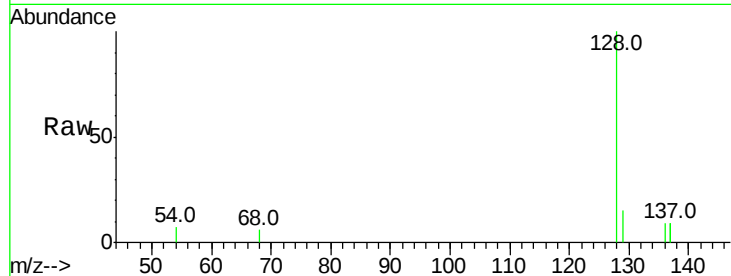
#3
Naphthalene
Concen: 0.108 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :
C0AH4

Tot Ion	Ratio	Lower	Upper
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0

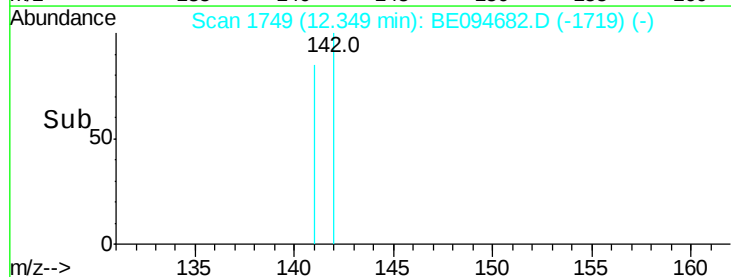
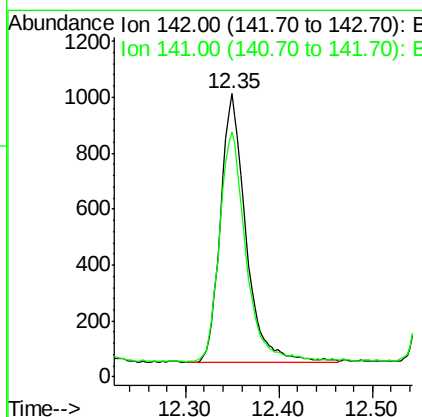
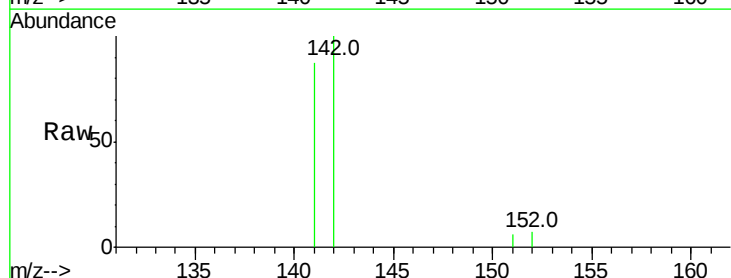
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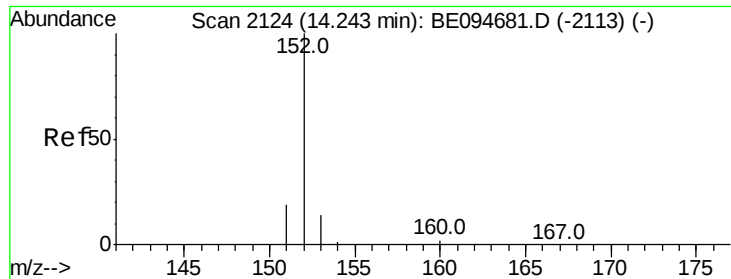
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#5
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.262 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094682.D

Acq: 1 Nov 2017 5:29

Instrument :

BNA_E

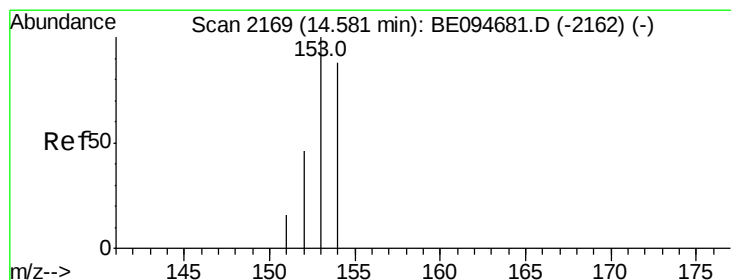
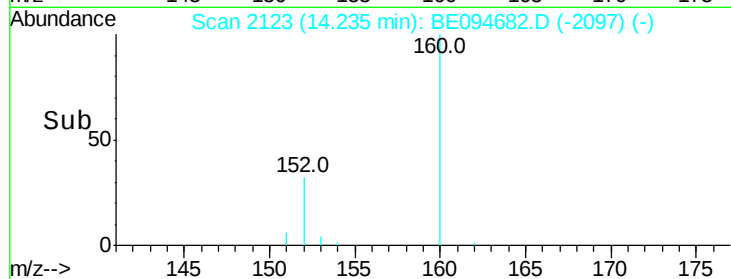
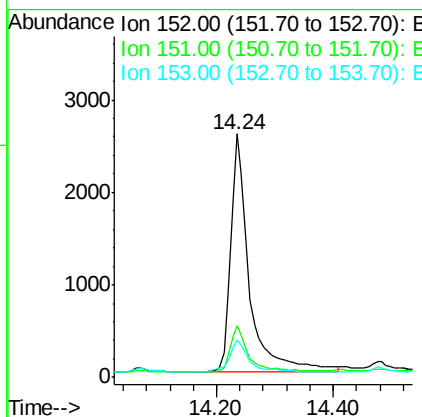
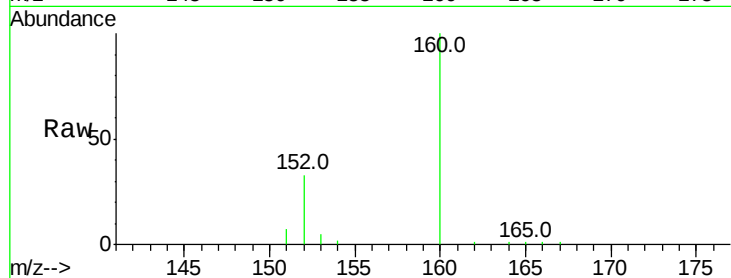
ClientSampleId :

C0AH4

Tot Ion:	152	Resp:	5791
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.1	25.7
153	15.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.492 ng/ul

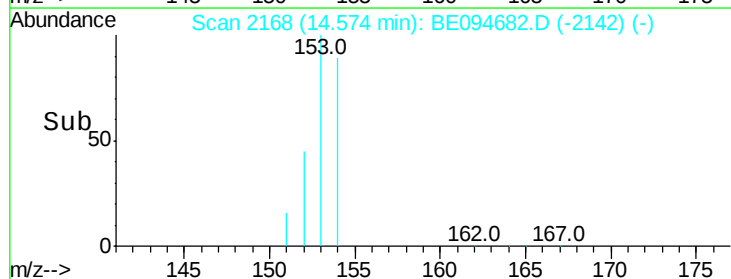
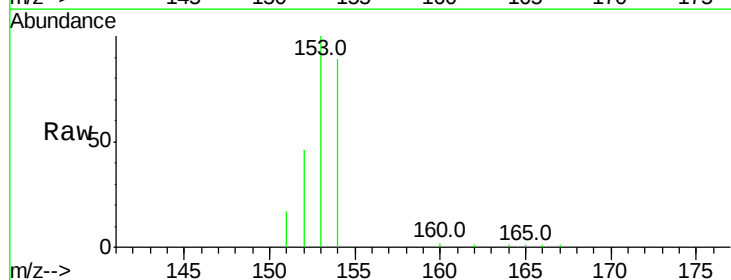
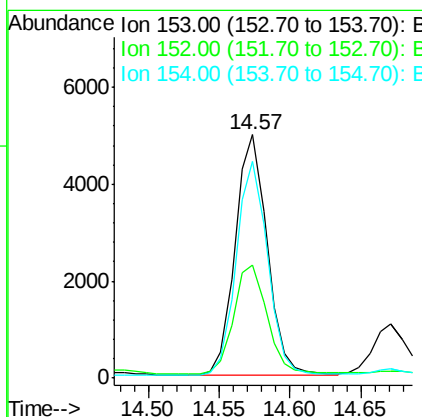
RT: 14.57 min Scan# 2168

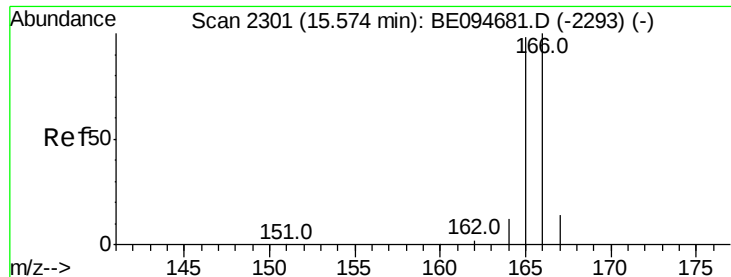
Delta R.T. -0.01 min

Lab File: BE094682.D

Acq: 1 Nov 2017 5:29

Tgt Ion:	153	Resp:	7806
Ion Ratio	Lower	Upper	
153	100		
152	46.3	36.0	54.0
154	89.1	72.0	108.0





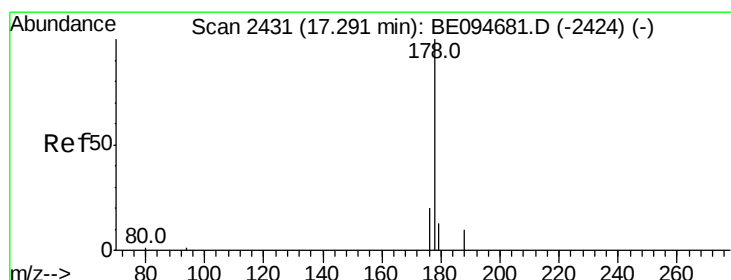
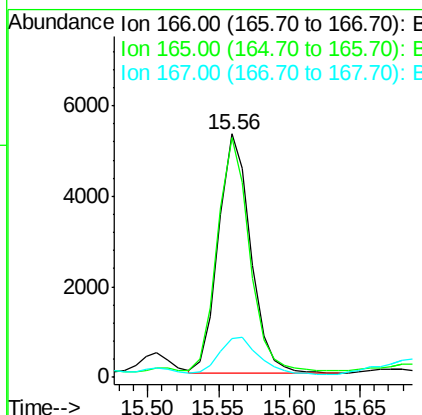
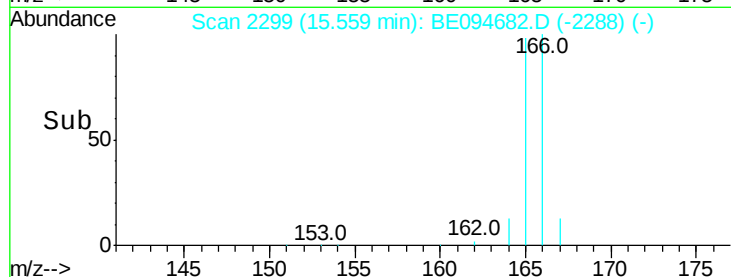
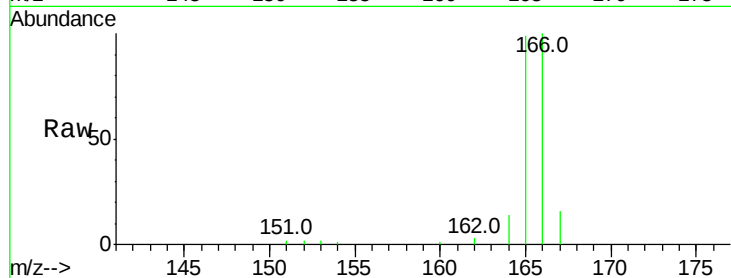
#9
Fluorene
 Concen: 0.467 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	73.4	110.2
167	15.8	14.6	22.0

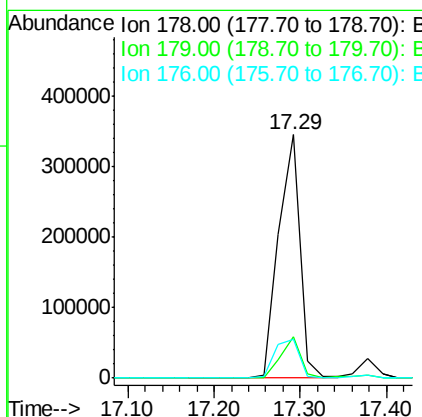
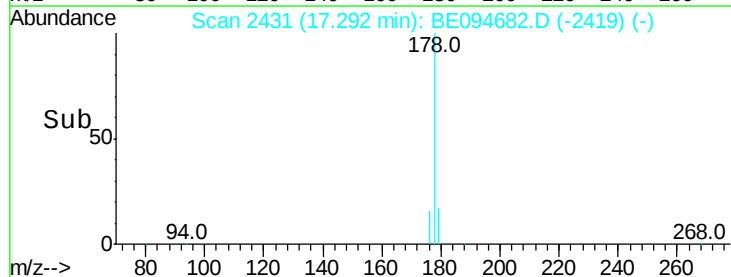
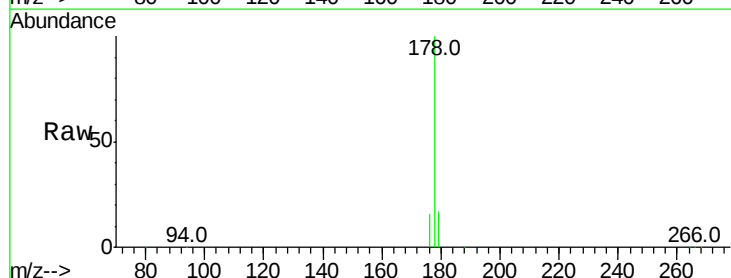
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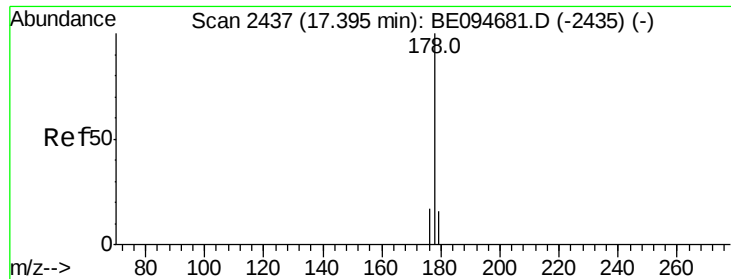
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#12
Phenanthrene
 Concen: 21.811 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.4	27.6#
176	16.2	13.6	20.4





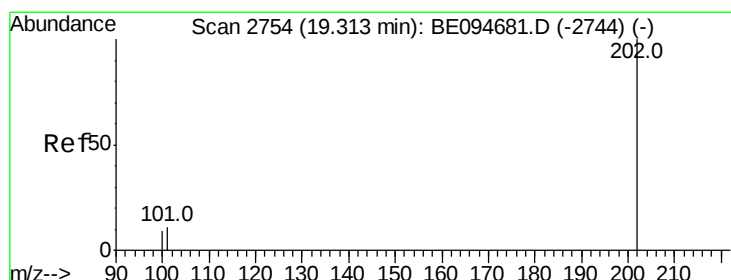
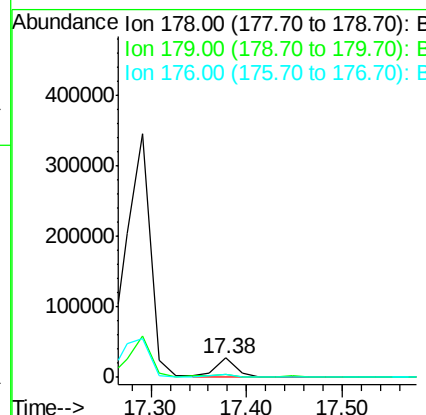
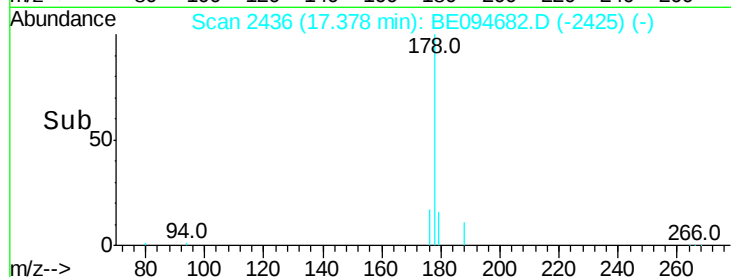
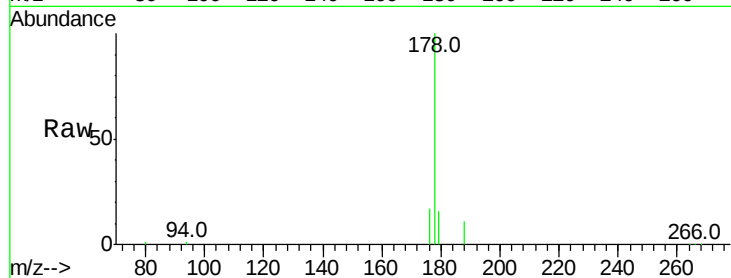
#13
 Anthracene
 Concen: 1.663 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Instrument :
 BNA_E
 ClientSampled :
 C0AH4

Tot Ion:178 Resp: 45480
 Ion Ratio Lower Upper
 178 100
 179 16.5 18.1 27.1#
 176 17.4 14.7 22.1

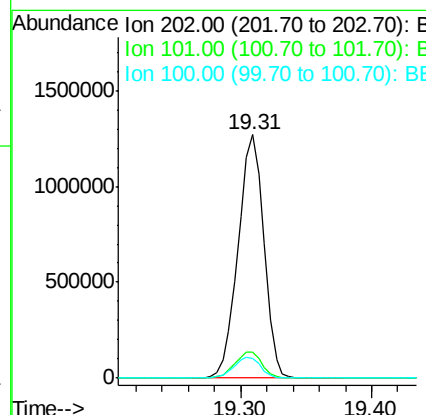
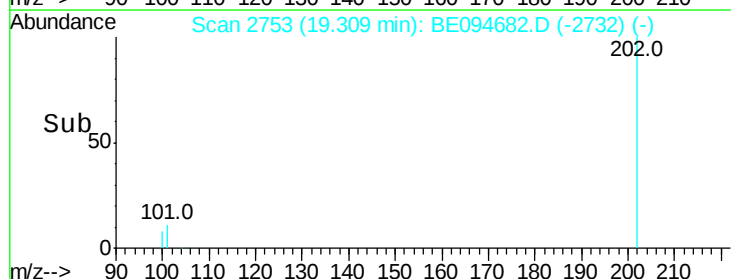
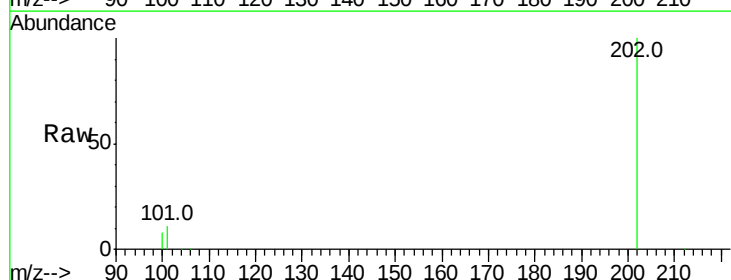
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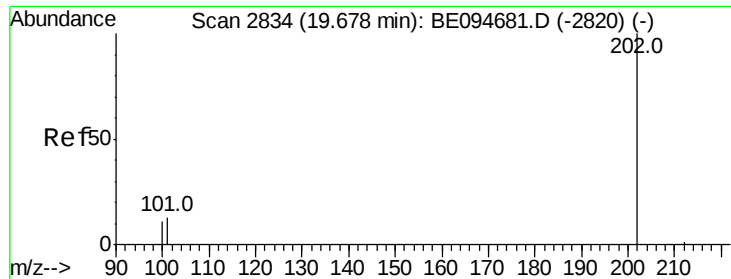
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#15
 Fluoranthene
 Concen: 54.283 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Tgt Ion:202 Resp: 1739191
 Ion Ratio Lower Upper
 202 100
 101 10.6 0.0 30.3
 100 8.3 0.0 39.5





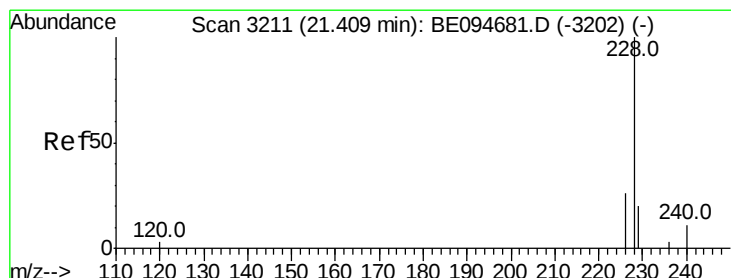
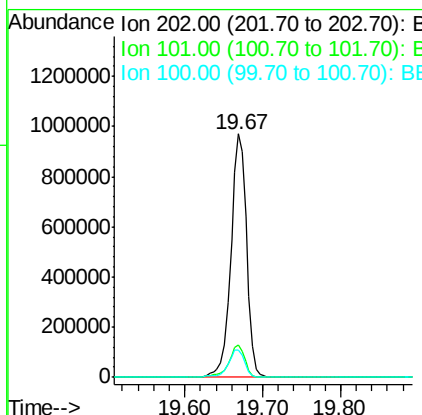
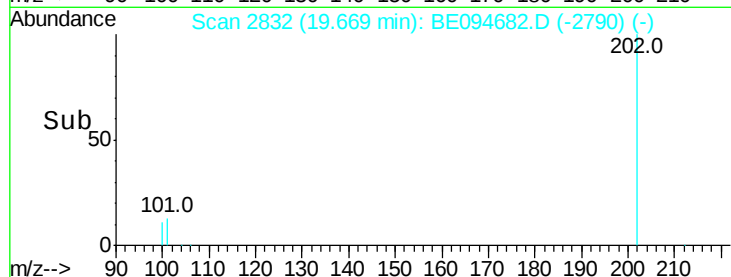
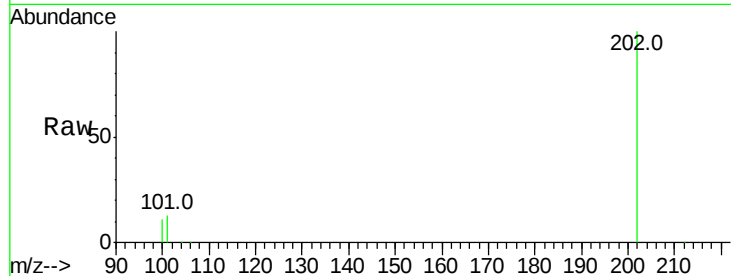
#17
Pvrene
Concen: 42.189 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampleId :
C0AH4

Tot Ion:202 Resp: 1353155
Ion Ratio Lower Upper
202 100
101 13.2 18.2 27.4#
100 11.2 15.6 23.4#

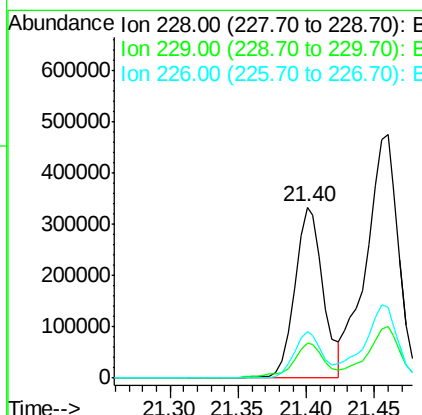
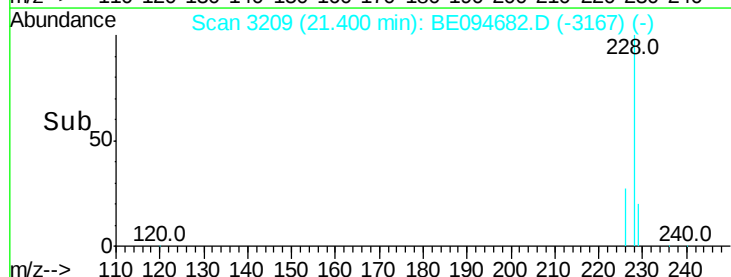
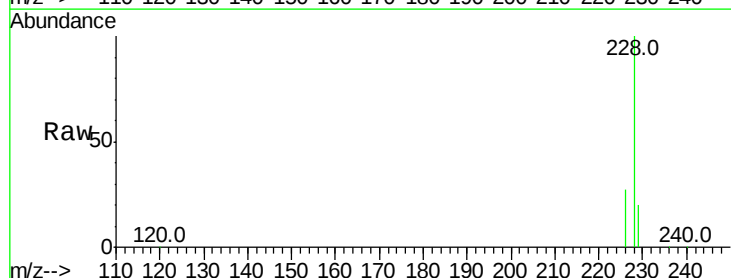
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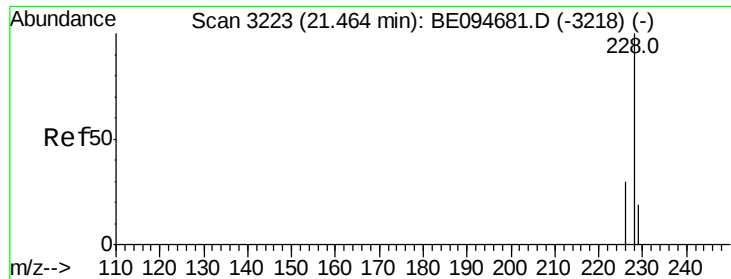
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#18
Benzo(a)anthracene
Concen: 16.308 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:228 Resp: 483674
Ion Ratio Lower Upper
228 100
229 20.2 22.8 34.2#
226 27.1 17.0 25.6#





#19

Chrysene

Concen: 25.596 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094682.D

Acq: 1 Nov 2017 5:29

Instrument :

BNA_E

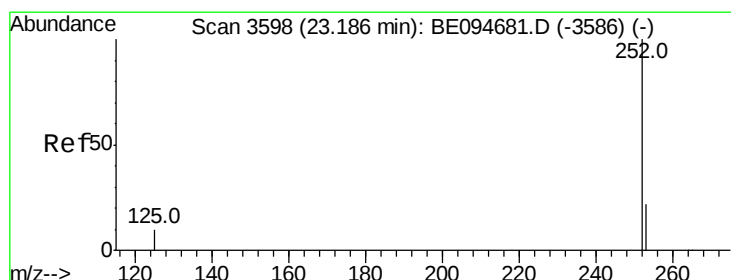
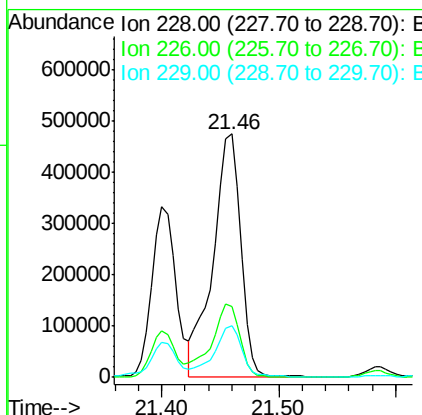
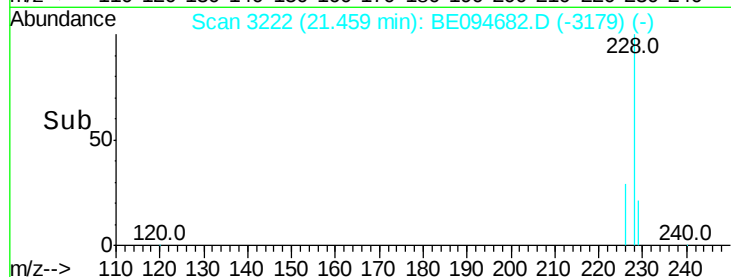
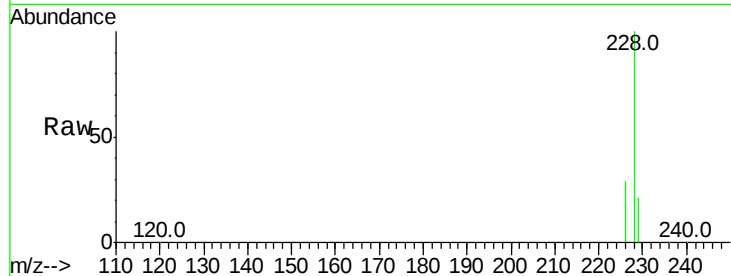
ClientSampleId :

C0AH4

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.0
229	21.0	17.7	26.5

Manual Integrations
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#21

Benzo(b)fluoranthene

Concen: 39.011 ng/ul m

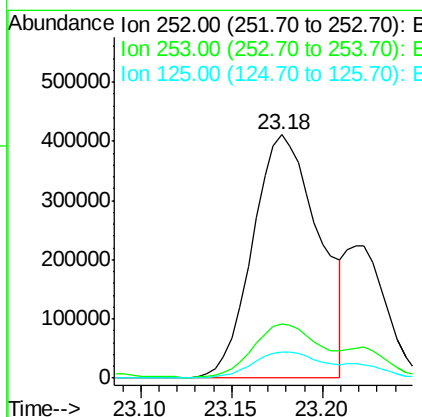
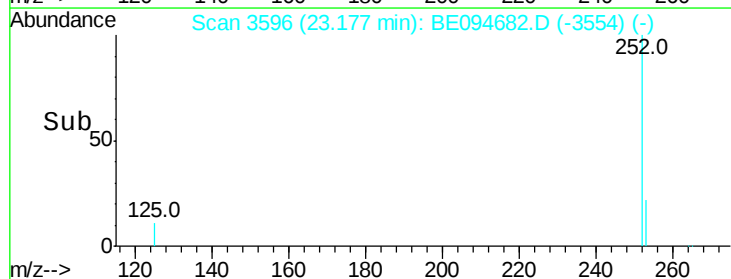
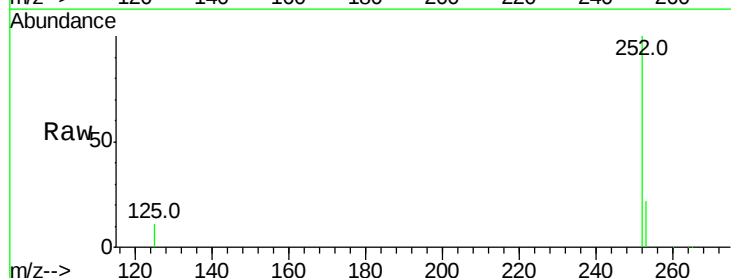
RT: 23.18 min Scan# 3596

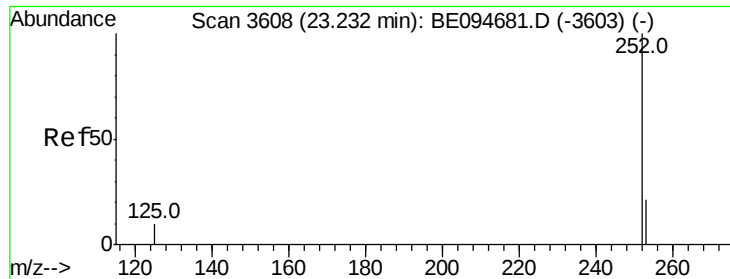
Delta R.T. -0.01 min

Lab File: BE094682.D

Acq: 1 Nov 2017 5:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	10.8	0.0	35.0





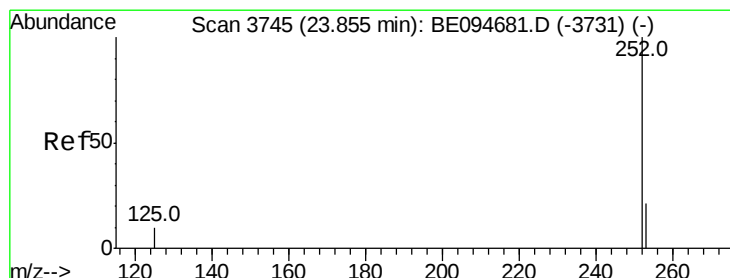
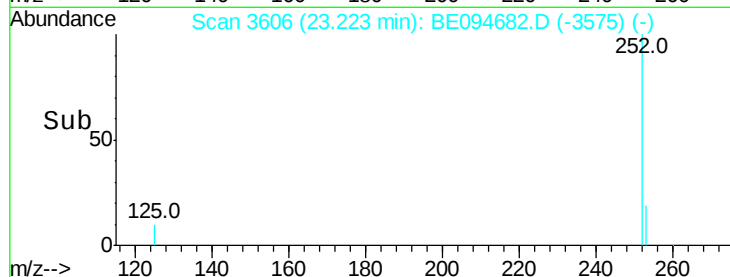
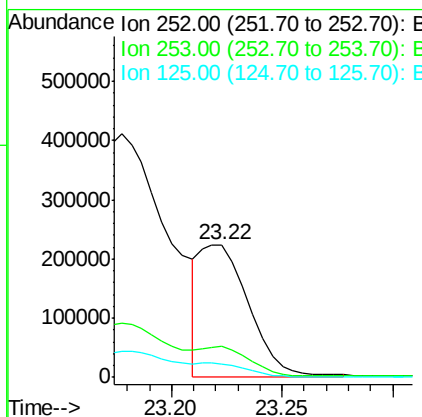
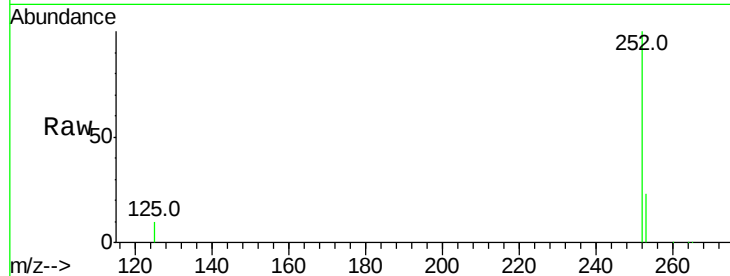
#22
Benzo(k)fluoranthene
Concen: 12.172 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Instrument :
BNA_E
ClientSampled :
C0AH4

Tot Ion:252 Resp: 348759
Ion Ratio Lower Upper
252 100
253 23.3 24.5 36.7#
125 10.3 13.7 20.5#

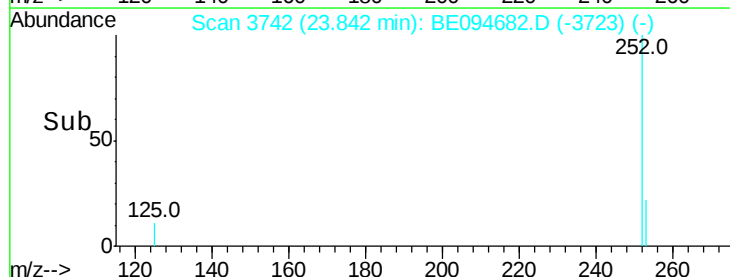
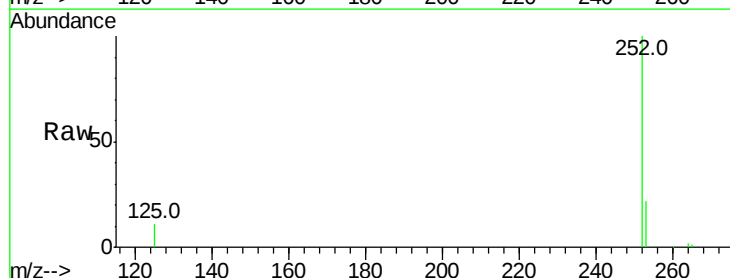
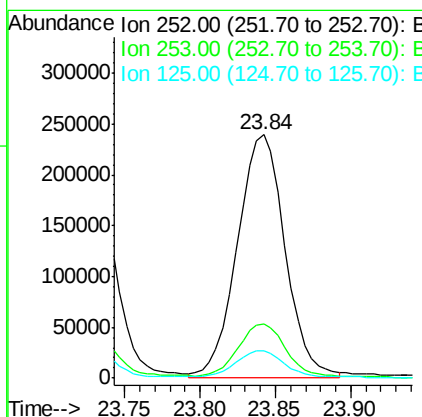
Manual Integrations
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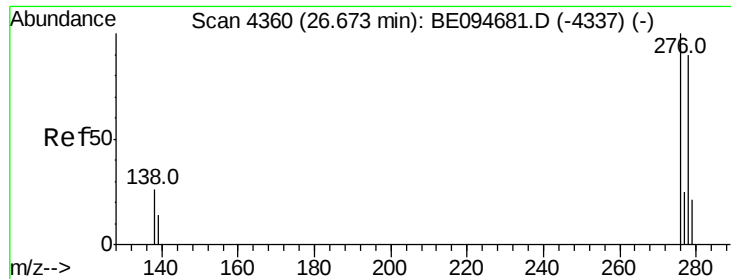
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#23
Benzo(a)pyrene
Concen: 19.609 ng/ul m
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094682.D
Acq: 1 Nov 2017 5:29

Tgt Ion:252 Resp: 524084
Ion Ratio Lower Upper
252 100
253 22.2 28.5 42.7#
125 11.3 18.1 27.1#





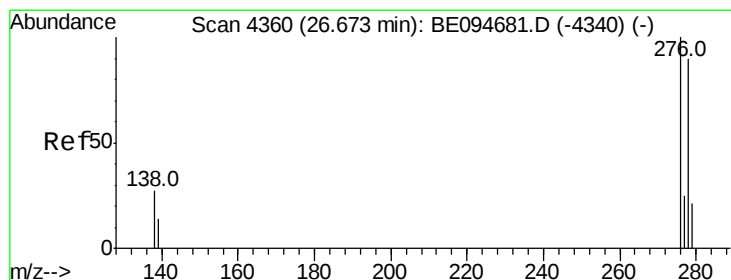
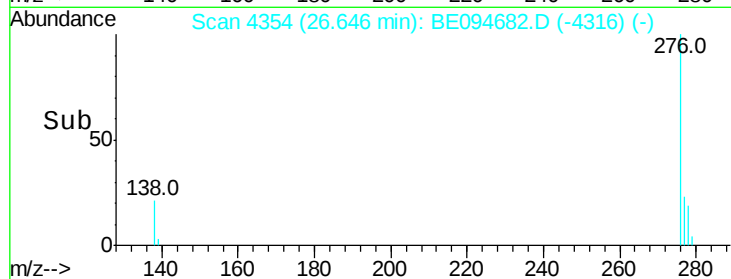
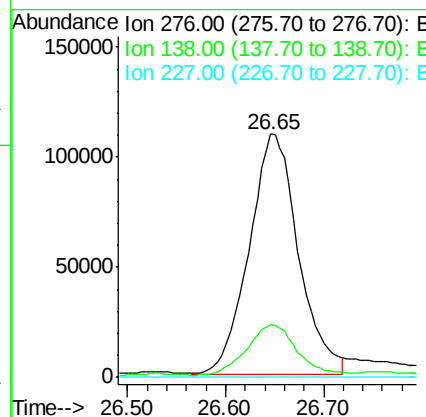
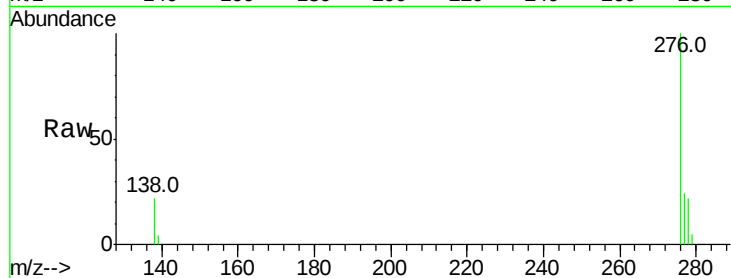
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 13.790 ng/ul m
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.03 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Instrument :
 BNA_E
 ClientSampled :
 C0AH4

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	1.7	28.0	42.0#	
227	0.0	8.0	12.0#	

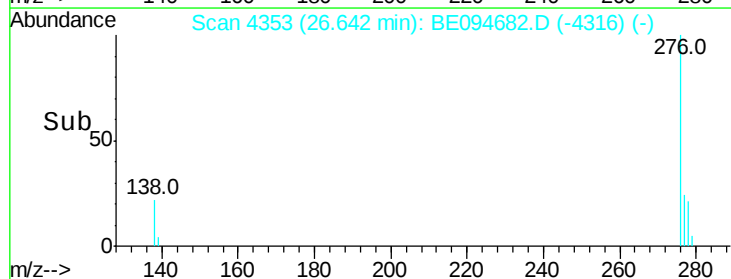
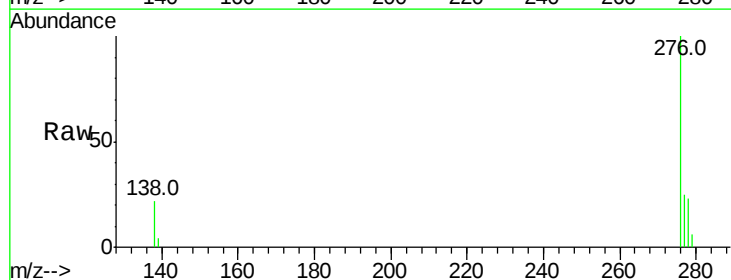
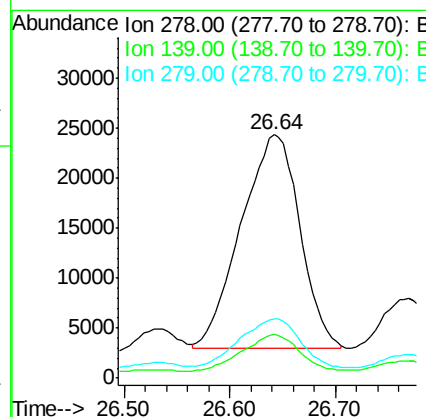
Manual Integrations
 APPROVED

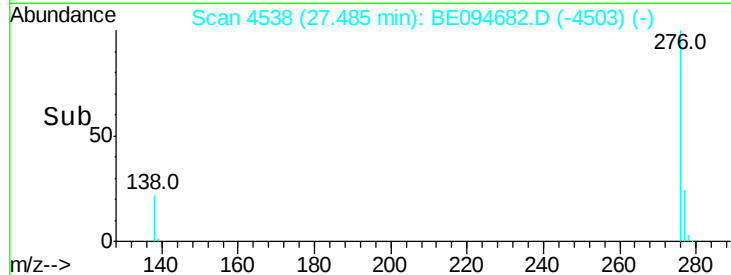
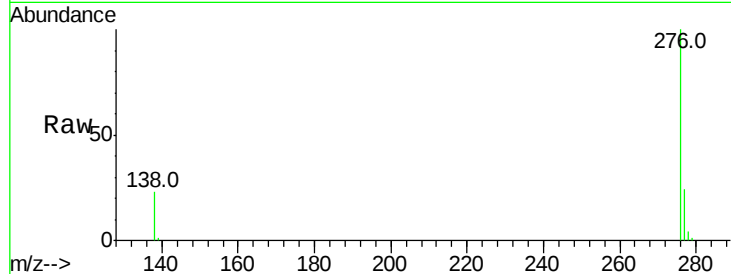
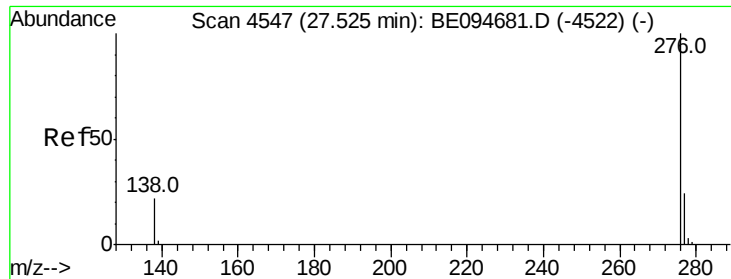
Sohil
 11/1/2017 4:30:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.550 ng/ul m
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.03 min
 Lab File: BE094682.D
 Acq: 1 Nov 2017 5:29

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	18.0	17.4	26.0	
279	24.3	25.9	38.9#	





#26

Benzo(a,h,i)perylene

Concen: 13.360 ng/ul m

RT: 27.48 min Scan# 4538

Delta R.T. -0.04 min

Lab File: BE094682.D

Acq: 1 Nov 2017 5:29

Instrument :

BNA_E

ClientSampleId :

C0AH4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	22.5	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/1/2017 4:30:00 PM

