

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094618.D
 Acq On : 28 Oct 2017 12:12
 Operator : SJ/JU
 Sample : I5842-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Manual Integrations
 APPROVED

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Quant Time: Oct 30 05:48:09 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2056	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	11869	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14923	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14897	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13850m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3113	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	7334	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	3596	0.124	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2105	0.104	ng/ul	99
7) Acenaphthylene	14.24	152	3909	0.128	ng/ul	99
8) Acenaphthene	14.57	153	5548	0.253	ng/ul	95
9) Fluorene	15.57	166	4834	0.197	ng/ul	96
12) Phenanthrene	17.29	178	102818	2.609	ng/ul#	91
13) Anthracene	17.38	178	19398	0.499	ng/ul#	90
15) Fluoranthene	19.31	202	286400	6.285	ng/ul	84
17) Pyrene	19.67	202	224150	4.867	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	66341	1.558	ng/ul#	87
19) Chrysene	21.46	228	121782	2.767	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	92785m	2.382	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	35519m	0.851	ng/ul	
23) Benzo(a)pyrene	23.85	252	44384	1.140	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.66	276	25331	0.629	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	6811	0.201	ng/ul#	82
26) Benzo(a,h,i)perylene	27.50	276	19089	0.590	ng/ul	96

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

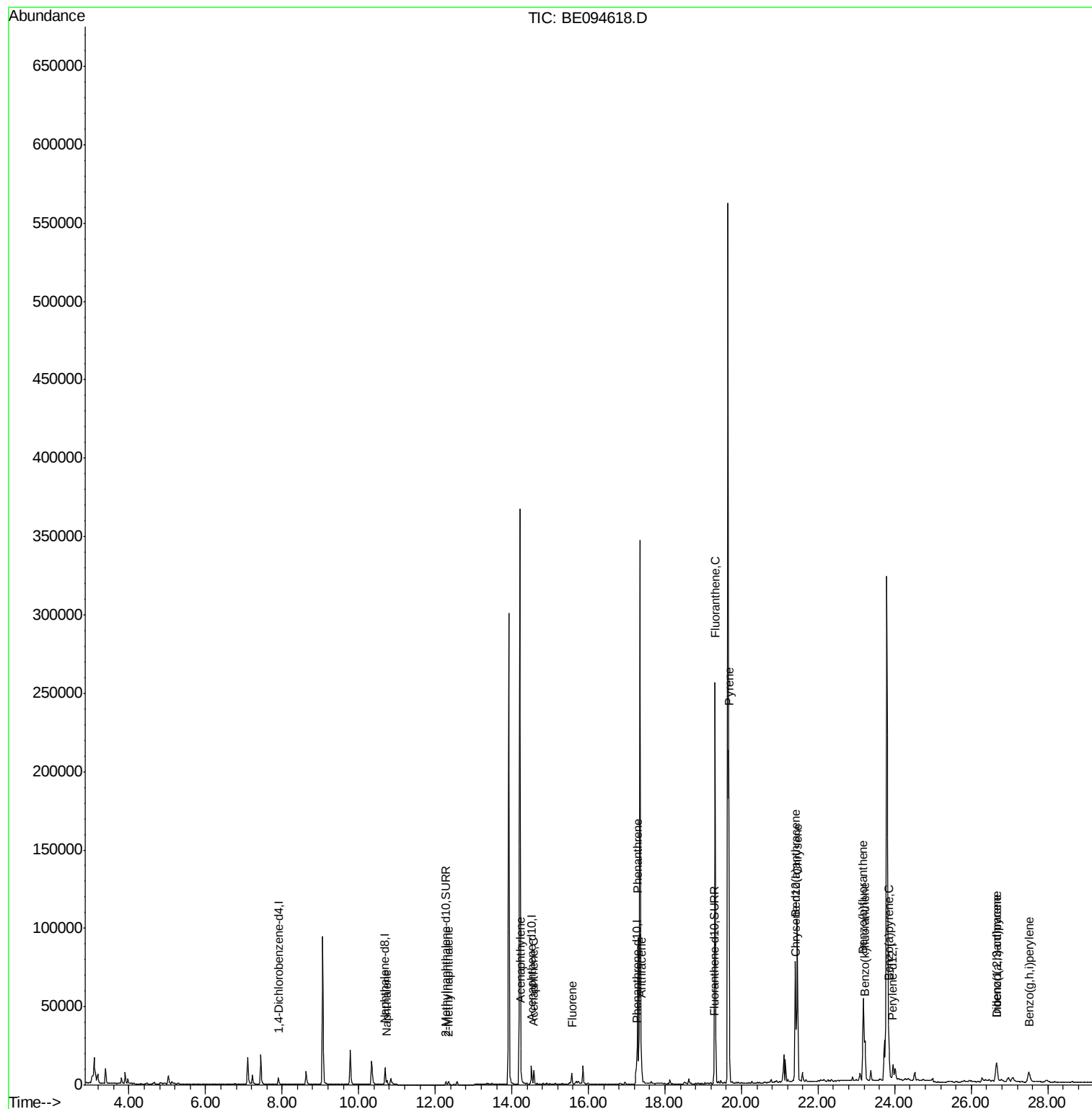
Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
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ALS Vial : 21 Sample Multiplier: 1

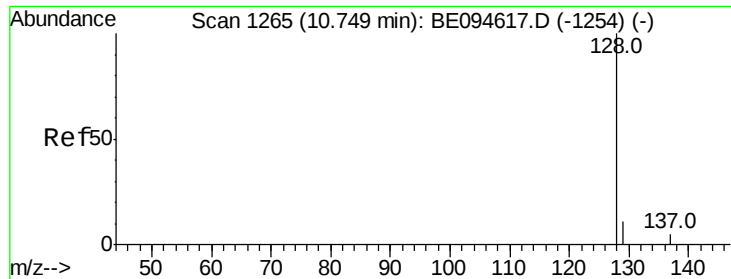
Instrument :
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ClientSampleId :
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#3

Naphthalene

Concen: 0.124 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Instrument :

BNA_E

ClientSampled :

C0AA3

Tot Ion:128 Resp: 3596

Ion Ratio Lower Upper

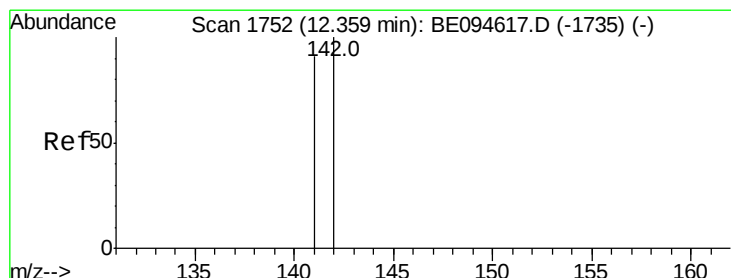
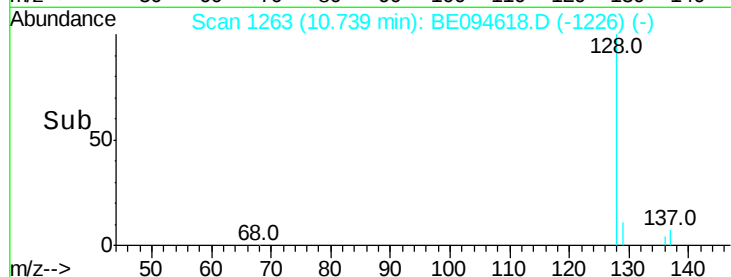
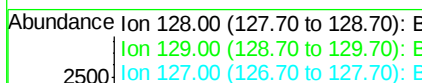
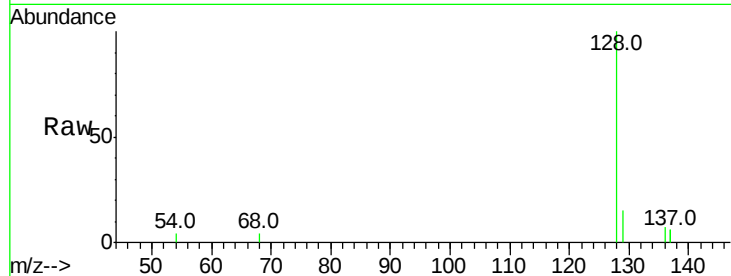
128 100

129 14.8 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.104 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094618.D

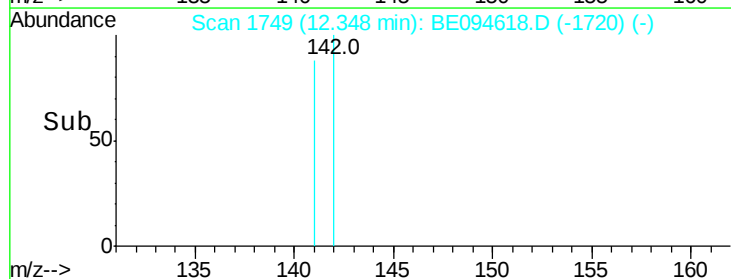
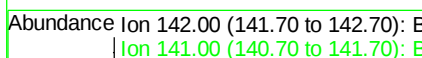
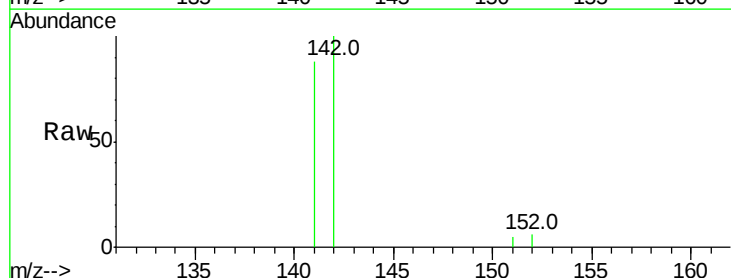
Acq: 28 Oct 2017 12:12

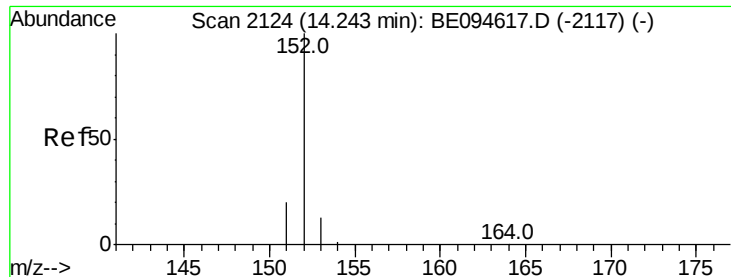
Tgt Ion:142 Resp: 2105

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.128 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Instrument :

BNA_E

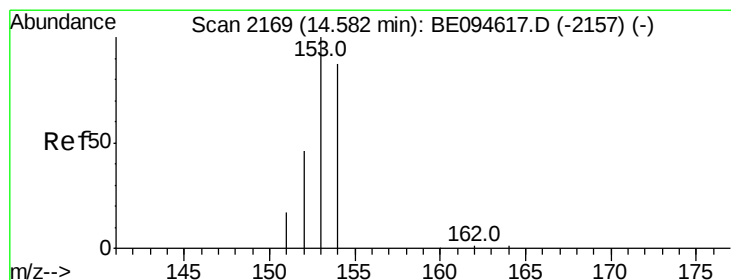
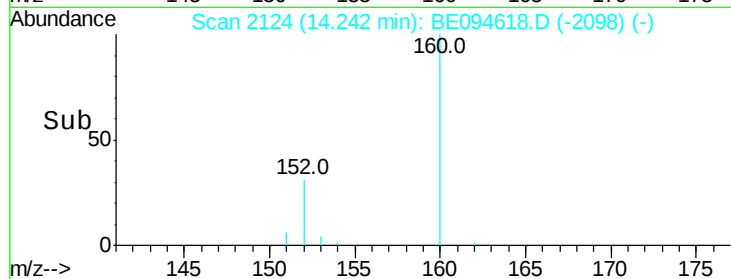
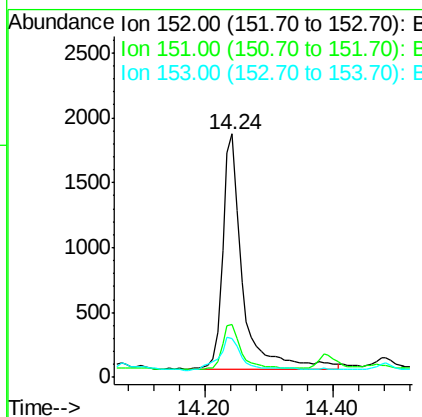
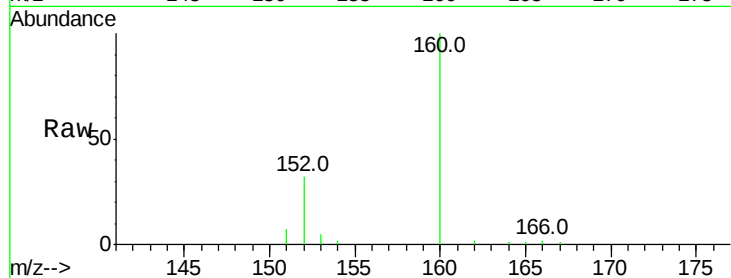
ClientSampled :

C0AA3

Tot Ion:	152	Resp:	3909
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	16.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.253 ng/ul

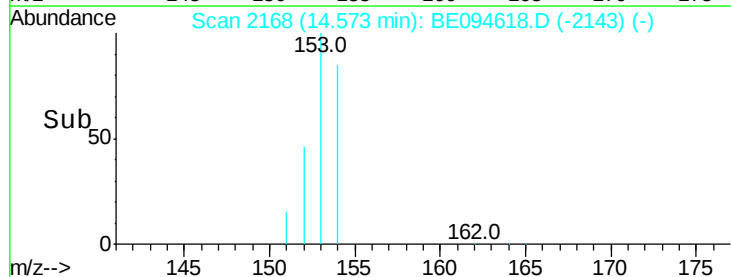
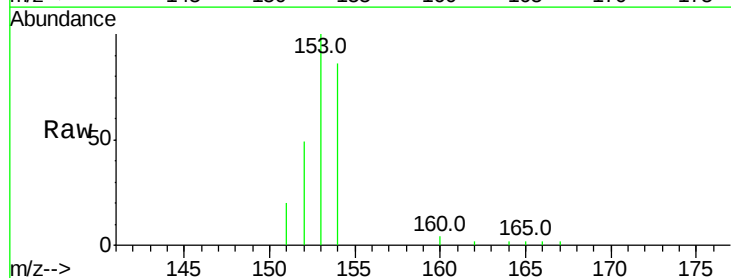
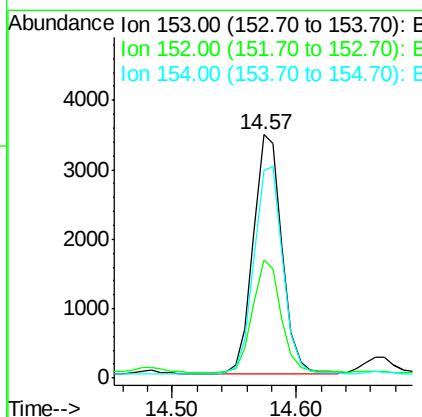
RT: 14.57 min Scan# 2168

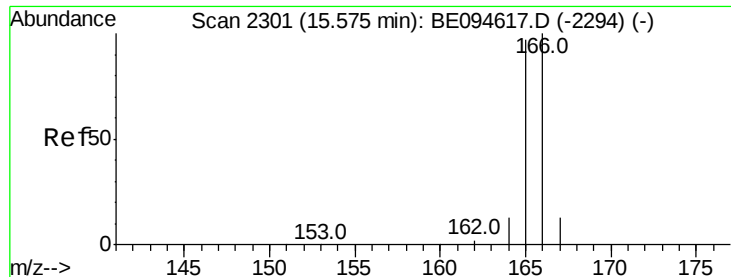
Delta R.T. -0.01 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Tgt Ion:	153	Resp:	5548
Ion Ratio	Lower	Upper	
153	100		
152	48.6	36.0	54.0
154	85.5	72.0	108.0





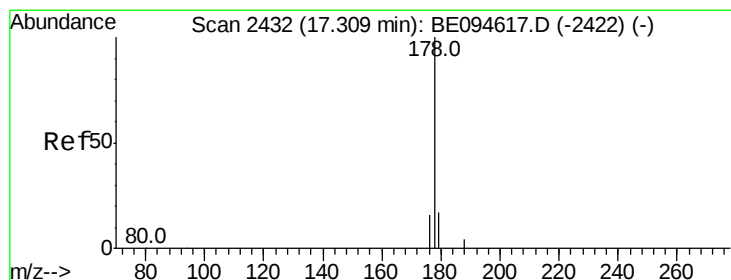
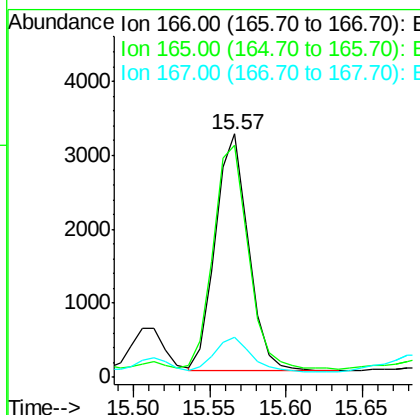
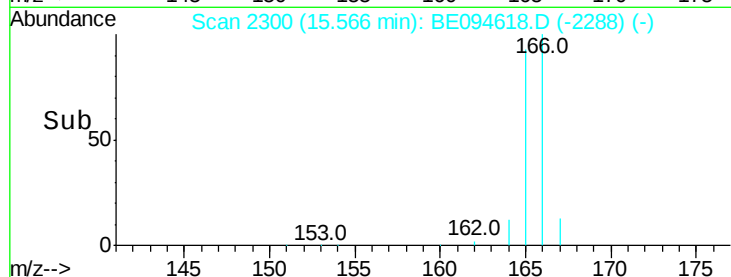
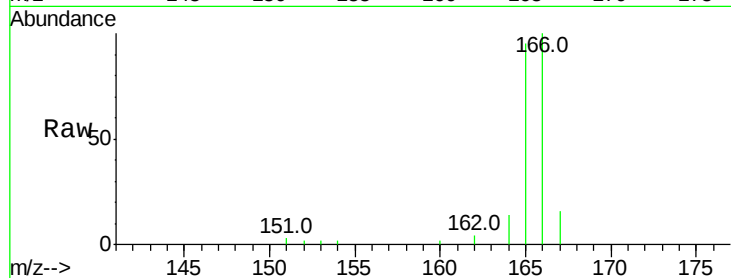
#9
Fluorene
 Concen: 0.197 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE094618.D
 Acq: 28 Oct 2017 12:12

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.3	73.4	110.2
167	16.4	14.6	22.0

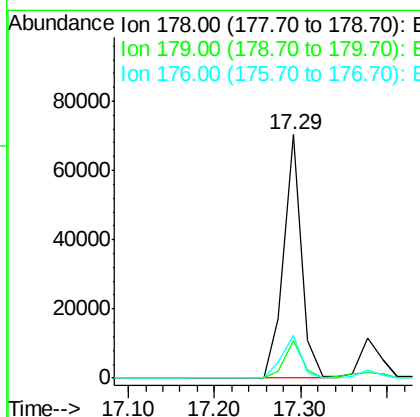
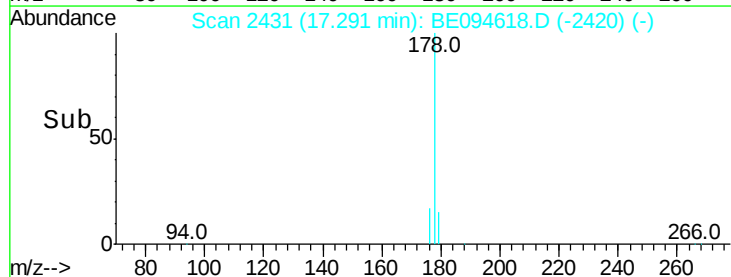
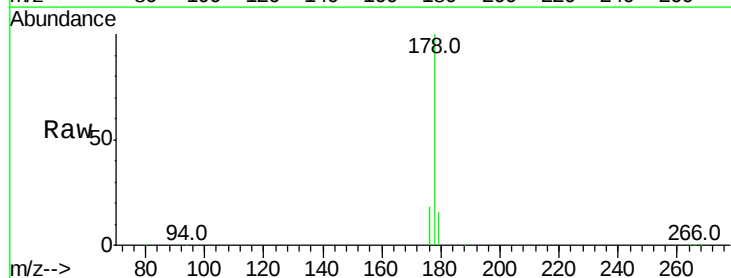
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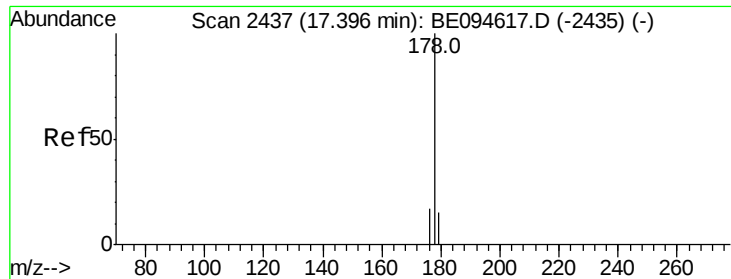
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#12
Phenanthrene
 Concen: 2.609 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094618.D
 Acq: 28 Oct 2017 12:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	17.6	13.6	20.4





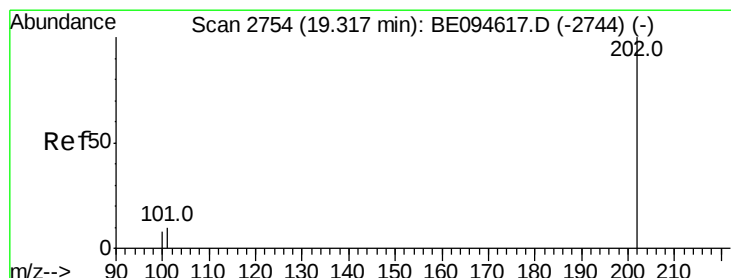
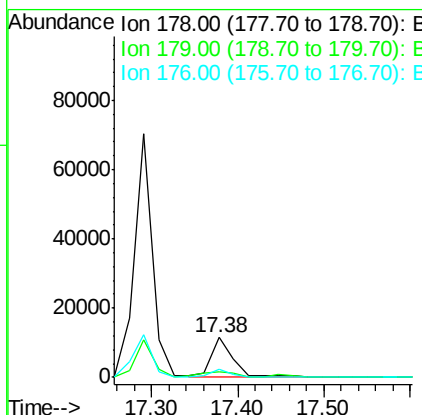
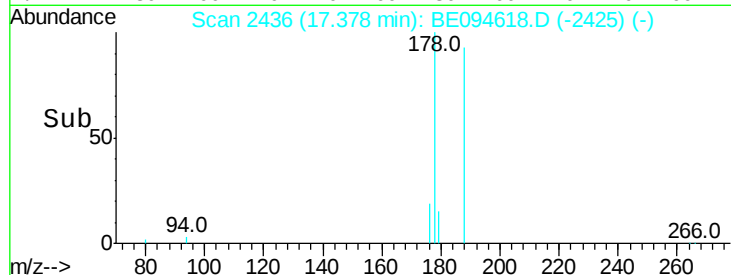
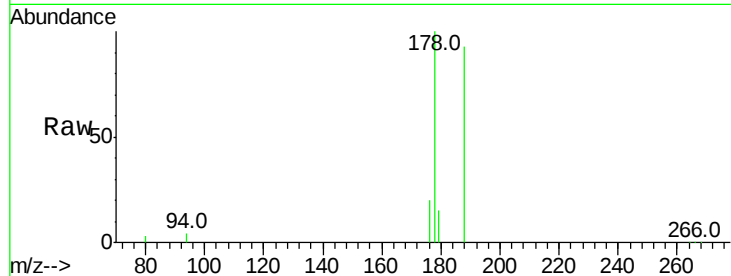
#13
 Anthracene
 Concen: 0.499 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094618.D
 Acq: 28 Oct 2017 12:12

Instrument :
 BNA_E
 ClientSampleId :
 C0AA3

Tot Ion:178 Resp: 19398
 Ion Ratio Lower Upper
 178 100
 179 15.5 18.1 27.1#
 176 19.8 14.7 22.1

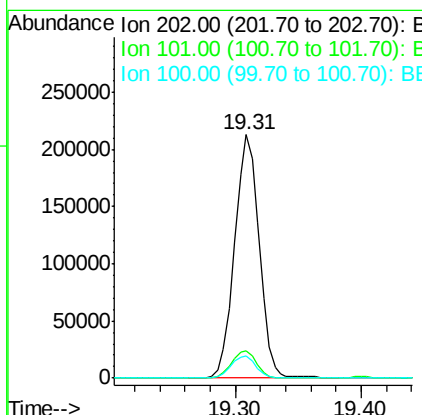
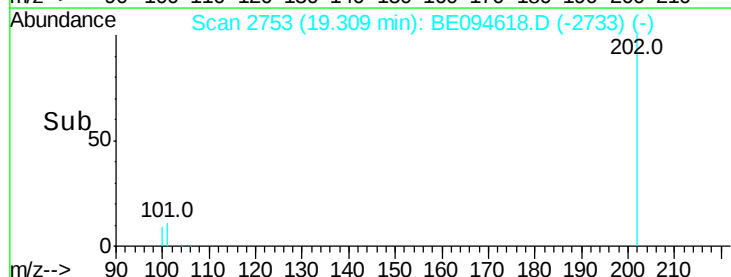
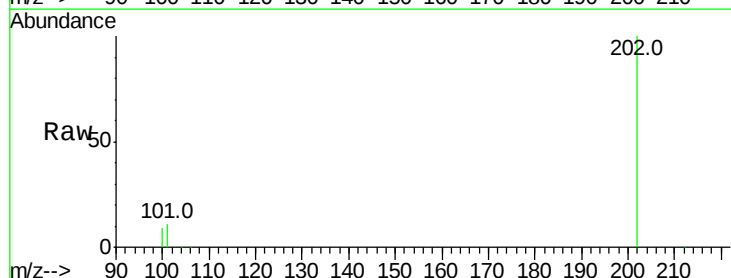
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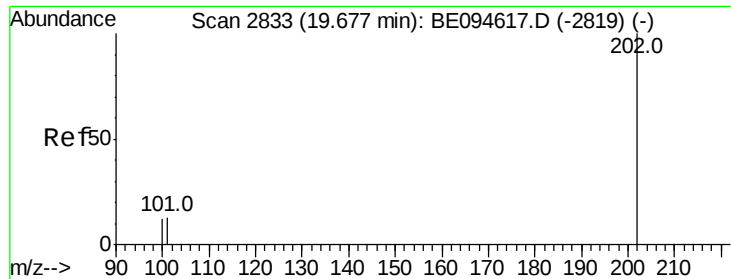
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#15
 Fluoranthene
 Concen: 6.285 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094618.D
 Acq: 28 Oct 2017 12:12

Tgt Ion:202 Resp: 286400
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 9.0 0.0 39.5





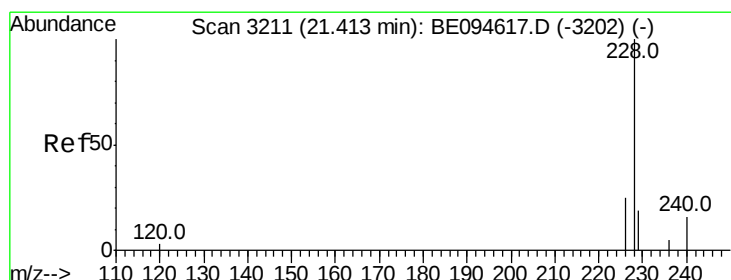
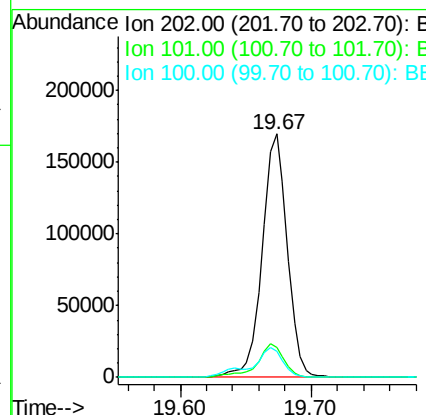
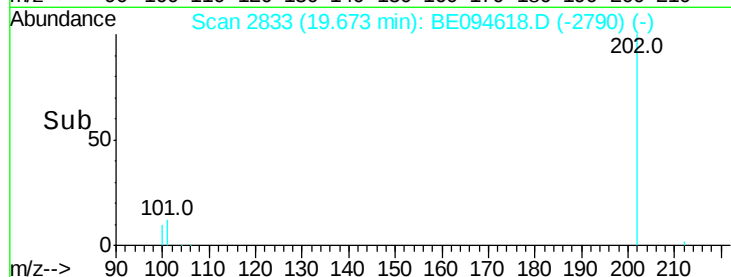
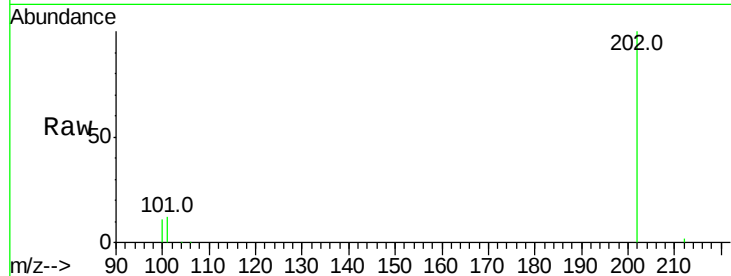
#17
Pvrene
Concen: 4.867 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#

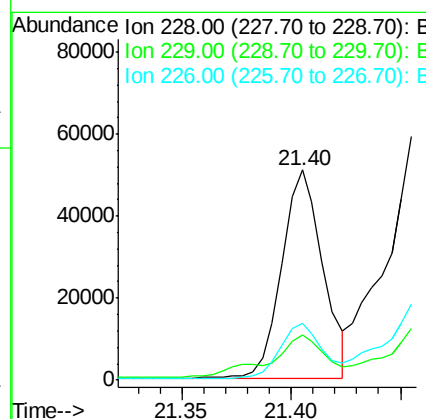
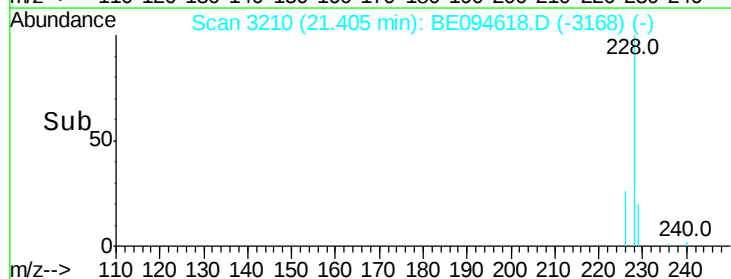
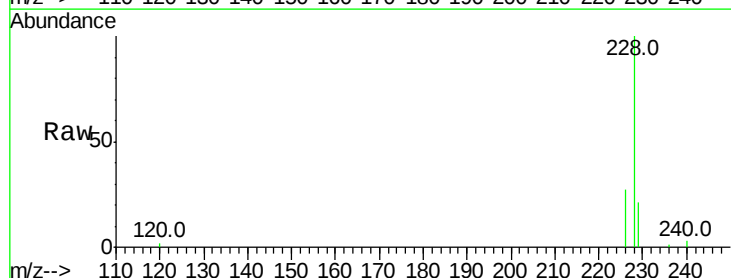
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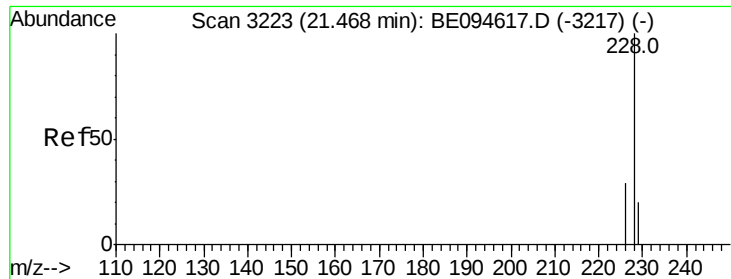
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#18
Benzo(a)anthracene
Concen: 1.558 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	22.8	34.2#
226	26.9	17.0	25.6#





#19

Chrysene

Concen: 2.767 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Instrument :

BNA_E

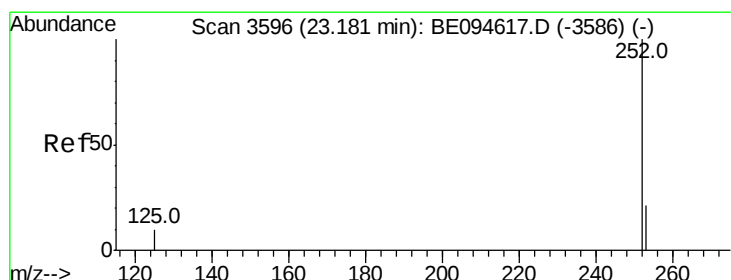
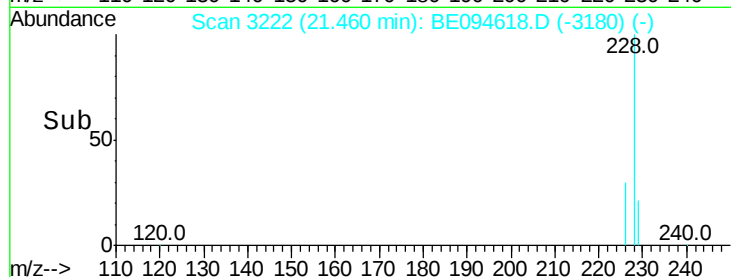
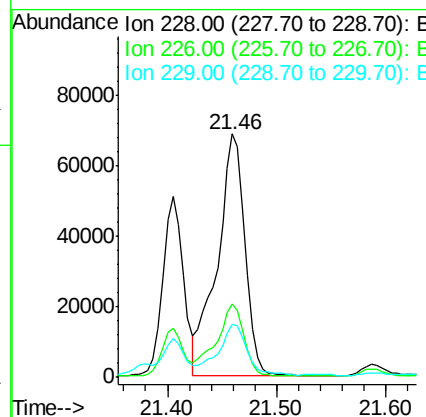
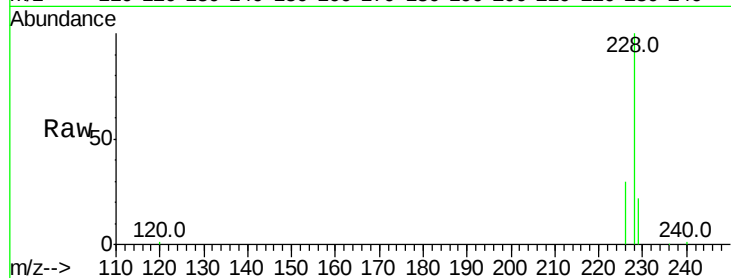
ClientSampleId :

C0AA3

Tot Ion:	228	Resp:	121782
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.0
229	21.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.382 ng/ul m

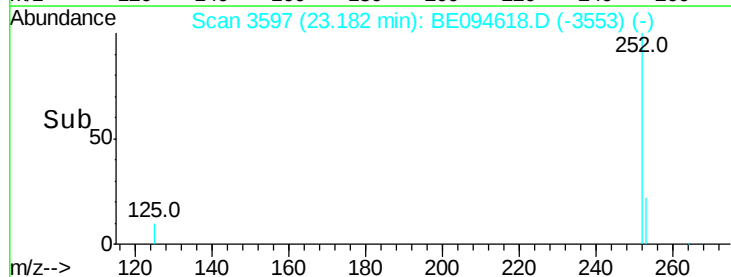
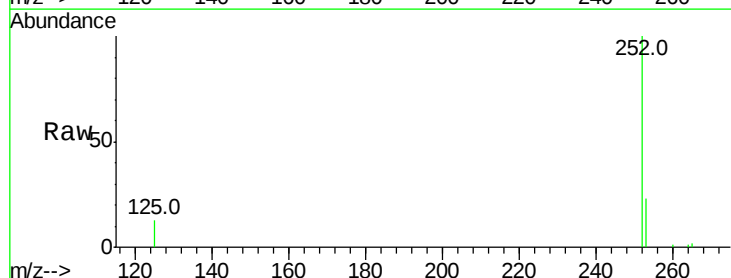
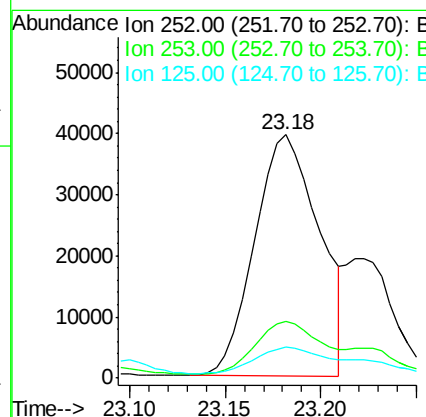
RT: 23.18 min Scan# 3597

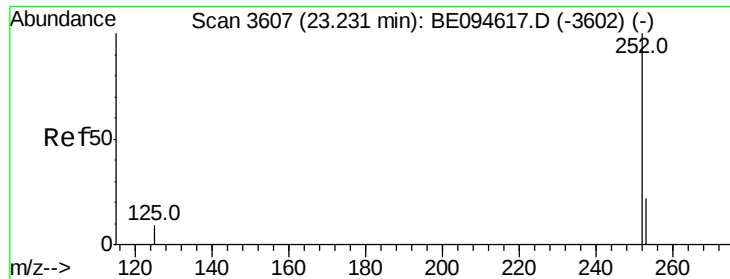
Delta R.T. 0.00 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Tgt Ion:	252	Resp:	92785
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	64.2
125	12.6	0.0	35.0





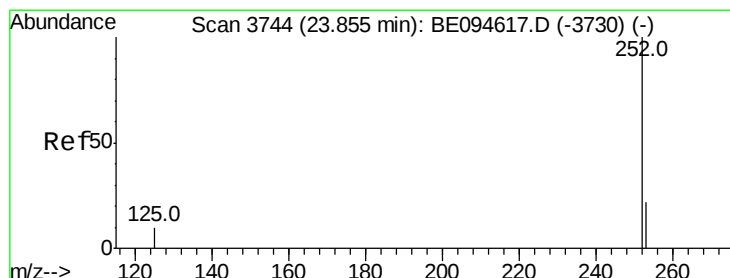
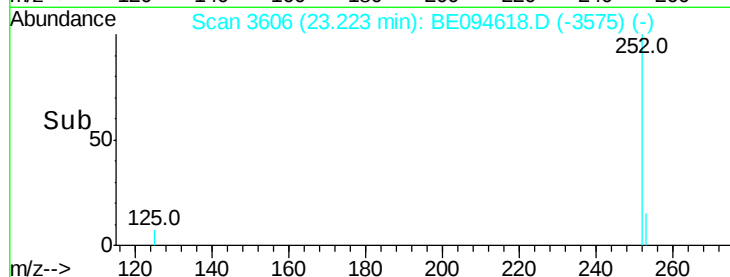
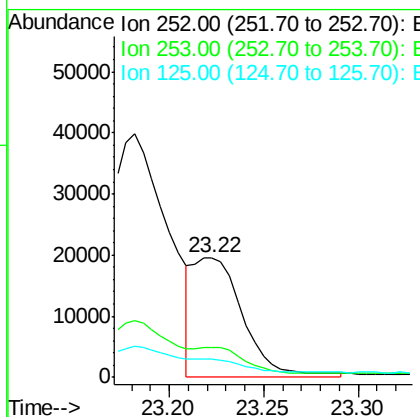
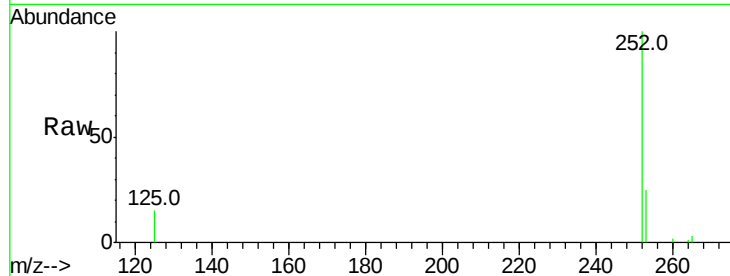
#22
Benzo(k)fluoranthene
Concen: 0.851 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. -0.01 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	24.5	36.7
125	14.8	13.7	20.5

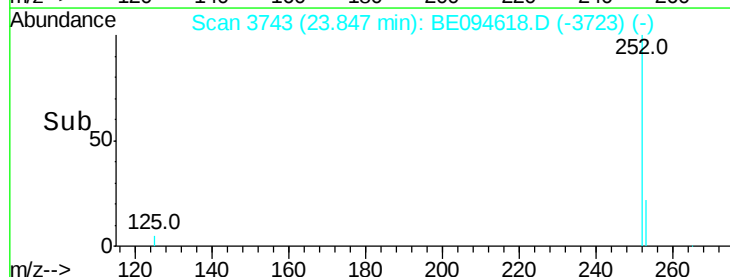
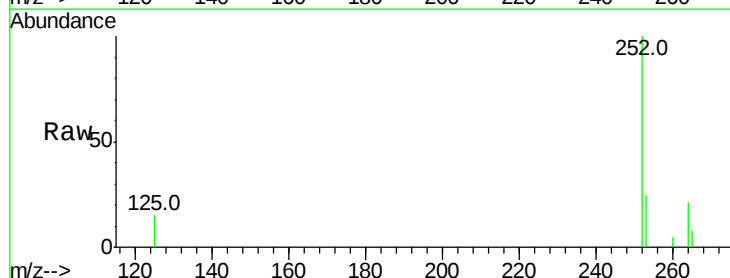
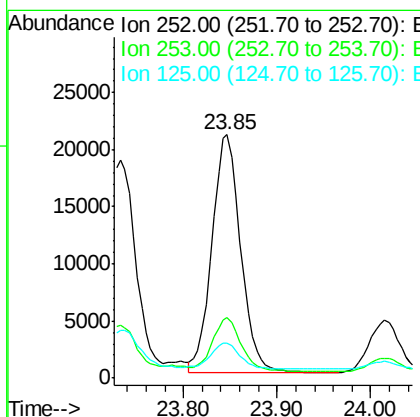
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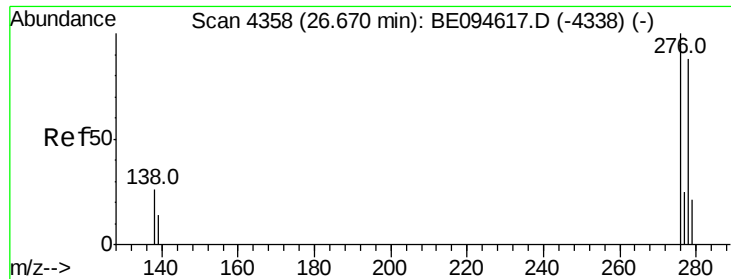
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#23
Benzo(a)pyrene
Concen: 1.140 ng/ul
RT: 23.85 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	14.5	18.1	27.1#





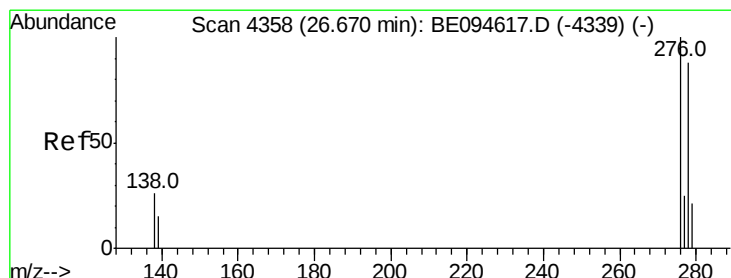
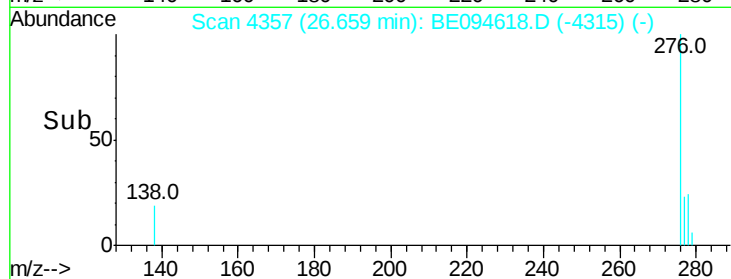
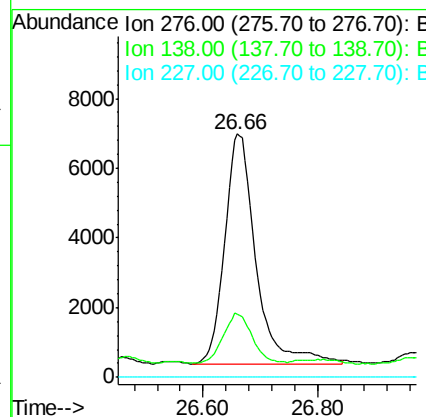
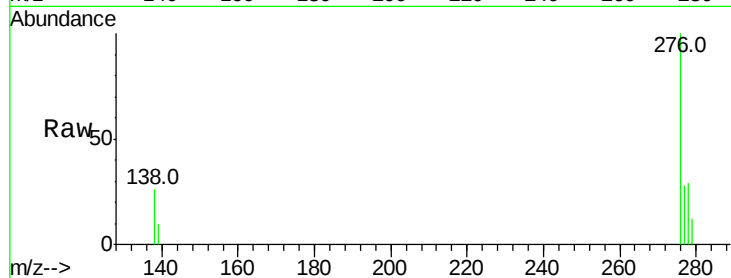
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.629 ng/ul
RT: 26.66 min Scan# 4357
Delta R.T. -0.01 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Instrument :
BNA_E
ClientSampleId :
C0AA3

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

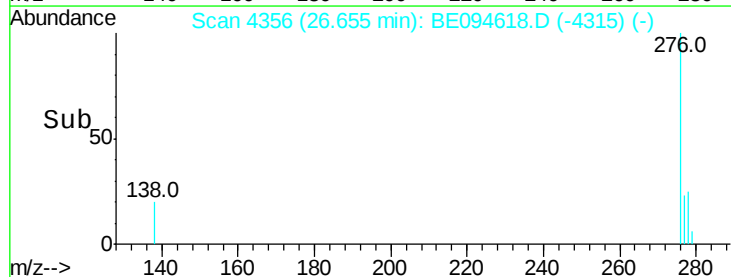
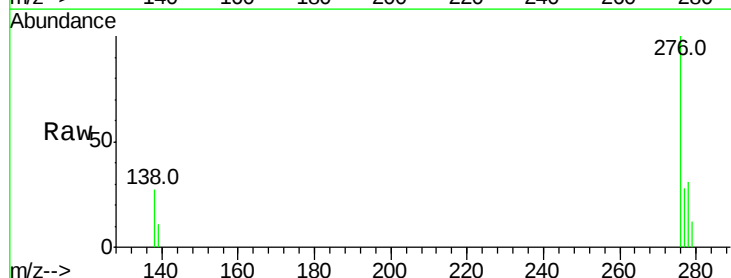
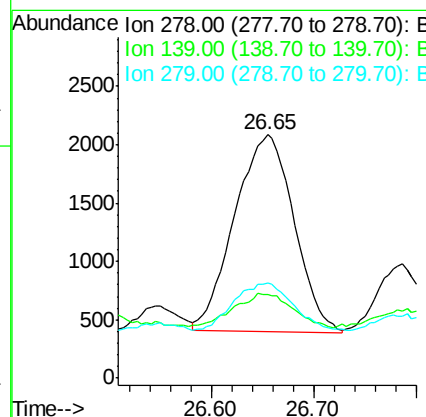
Manual Integrations
APPROVED

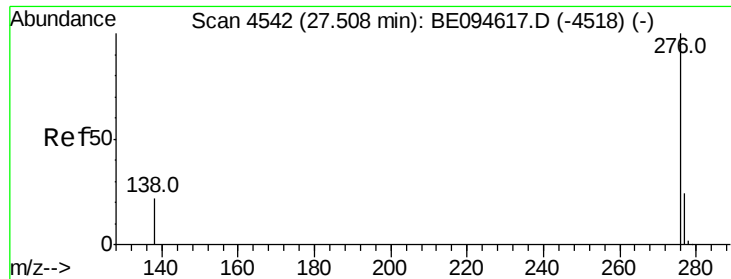
Sohil
10/30/2017 6:37:36 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.201 ng/ul
RT: 26.65 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BE094618.D
Acq: 28 Oct 2017 12:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.5	17.4	26.0#
279	38.9	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 0.590 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. -0.01 min

Lab File: BE094618.D

Acq: 28 Oct 2017 12:12

Instrument :

BNA_E

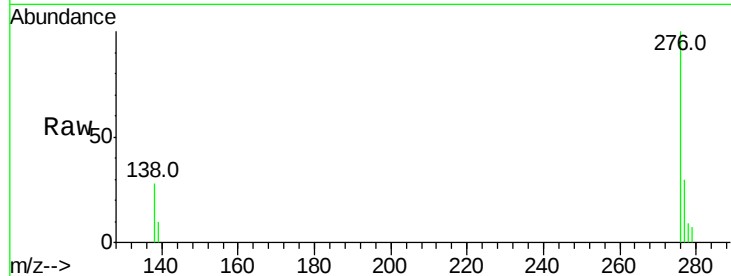
ClientSampleId :

C0AA3

Tot Ion:	276	Resp:	19089
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.8	32.8
277	29.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/30/2017 6:37:36 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

