

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094567.D
 Acq On : 26 Oct 2017 18:03
 Operator : SJ/JU
 Sample : I5719-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-35(2-3.8)-100417

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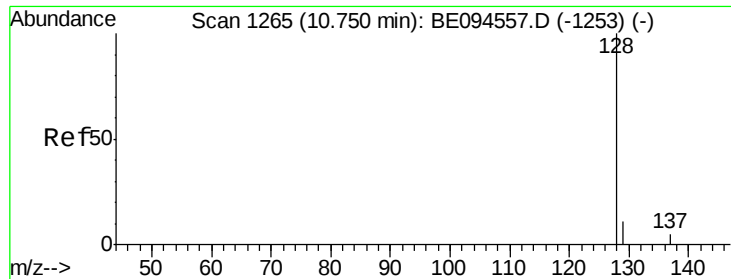
Quant Time: Oct 27 14:13:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	4419	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8175	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4960	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7964	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	7889	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8252	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	857m	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1941m	0.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.74	128	152310	7.620	ng/ul#	75
5) 2-Methylnaphthalene	12.34	142	225409	16.120	ng/ul	98
7) Acenaphthylene	14.24	152	6063	0.270	ng/ul#	1
8) Acenaphthene	14.57	153	19246	1.194	ng/ul	92
9) Fluorene	15.56	166	20785	1.148	ng/ul#	87
12) Phenanthrene	17.29	178	113827	5.411	ng/ul#	93
13) Anthracene	17.38	178	9625	0.464	ng/ul	93
15) Fluoranthene	19.31	202	25269	1.039	ng/ul	82
17) Pyrene	19.67	202	51471	2.110	ng/ul#	87
18) Benzo(a)anthracene	21.40	228	18495	0.820	ng/ul#	52
19) Chrysene	21.46	228	23293	0.999	ng/ul#	69
21) Benzo(b)fluoranthene	23.18	252	13572m	0.585	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	4763m	0.191	ng/ul	
23) Benzo(a)pyrene	23.84	252	12436	0.536	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.64	276	5448	0.227	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.63	278	2032	0.100	ng/ul#	1
26) Benzo(g,h,i)perylene	27.48	276	7714	0.400	ng/ul#	67

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



#3

Naphthalene

Concen: 7.620 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

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Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:128 Resp: 152310

Ion Ratio Lower Upper

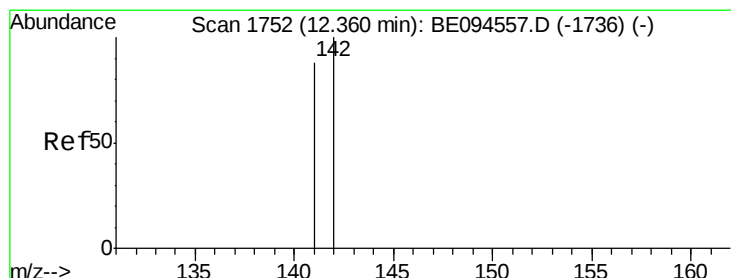
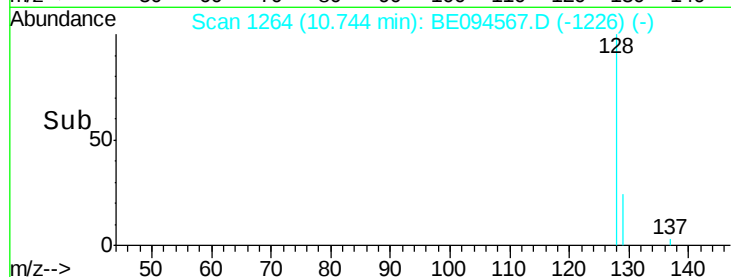
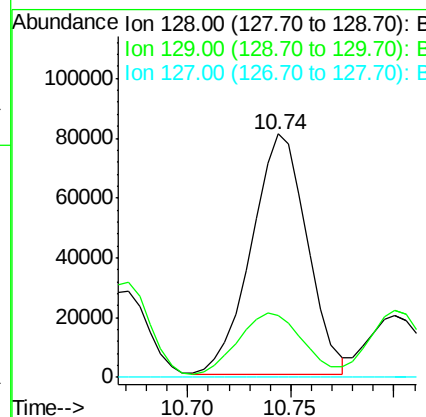
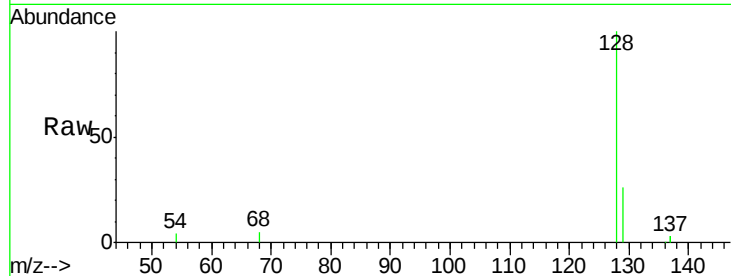
128 100

129 25.6 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 16.120 ng/ul

RT: 12.34 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BE094567.D

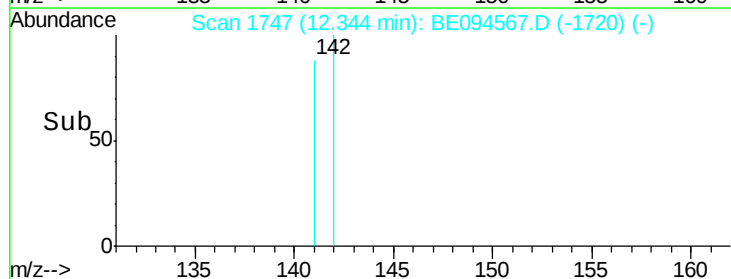
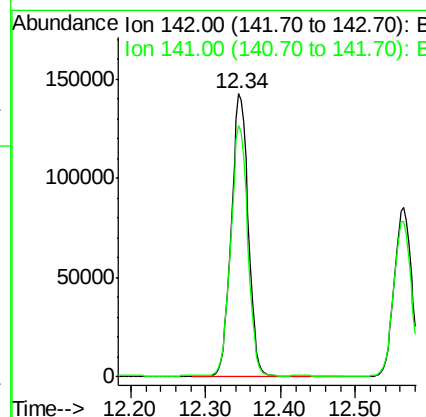
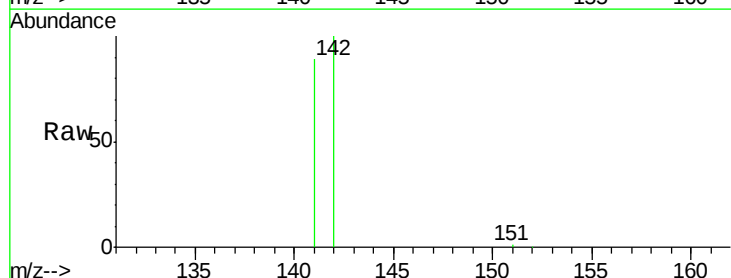
Acq: 26 Oct 2017 18:03

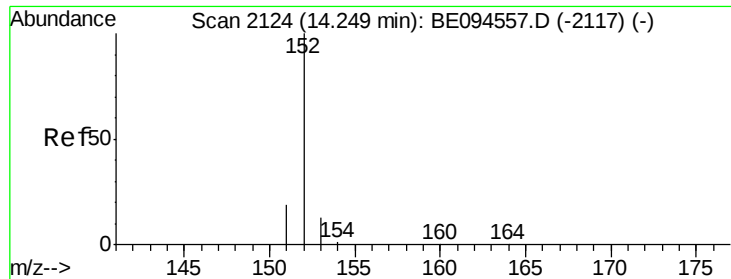
Tgt Ion:142 Resp: 225409

Ion Ratio Lower Upper

142 100

141 88.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.270 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

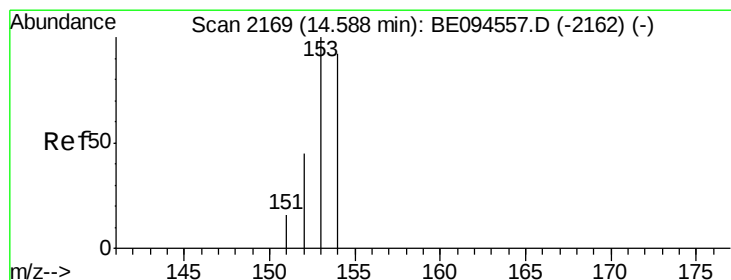
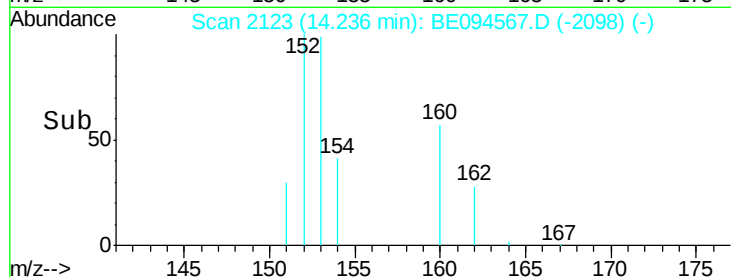
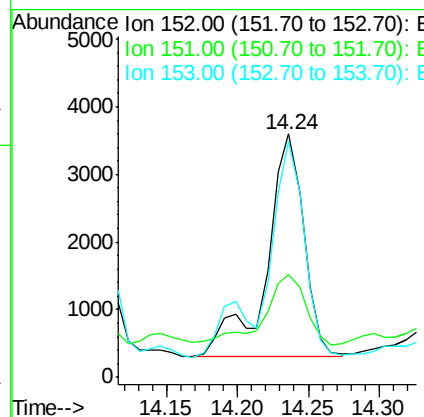
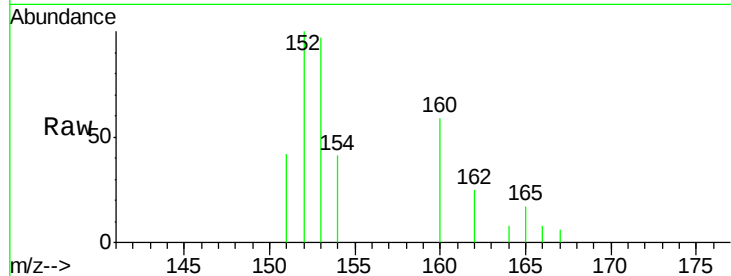
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
151	42.3	17.1	25.7#
153	97.1	12.8	19.2#

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#8

Acenaphthene

Concen: 1.194 ng/ul

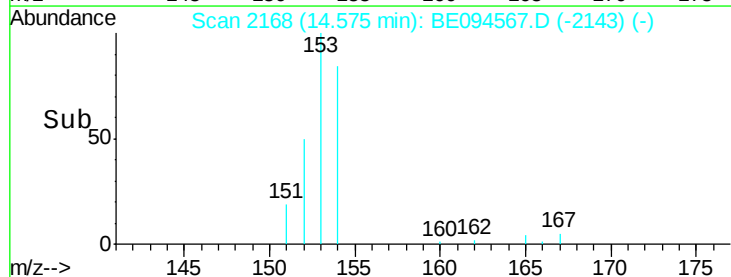
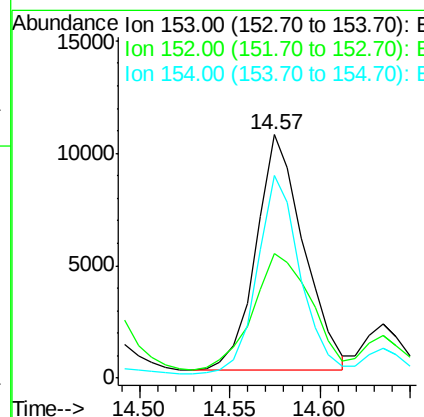
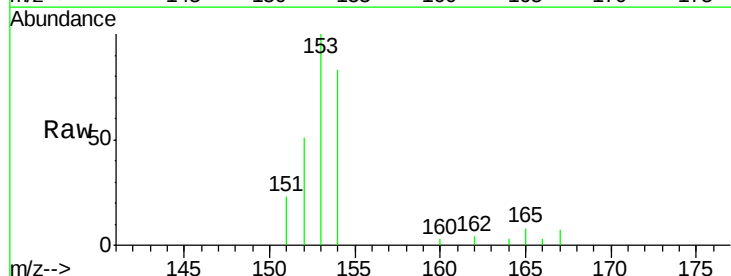
RT: 14.57 min Scan# 2168

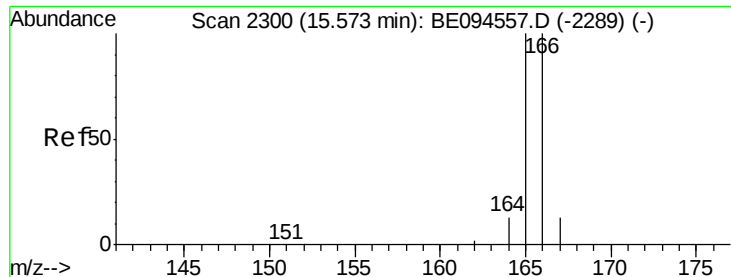
Delta R.T. -0.01 min

Lab File: BE094567.D

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.2	36.0	54.0
154	83.1	72.0	108.0





#9

Fluorene

Concen: 1.148 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

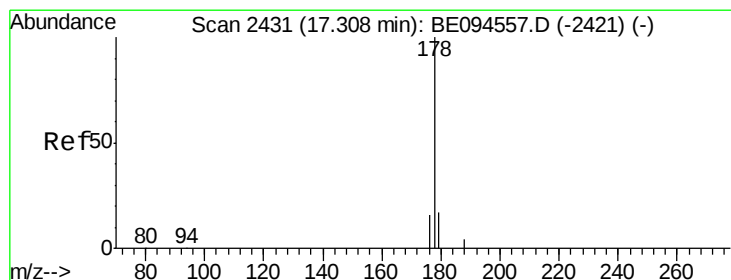
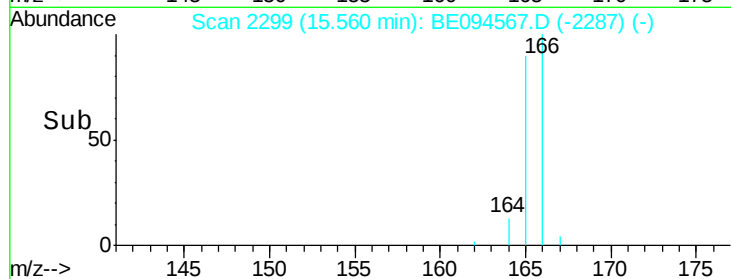
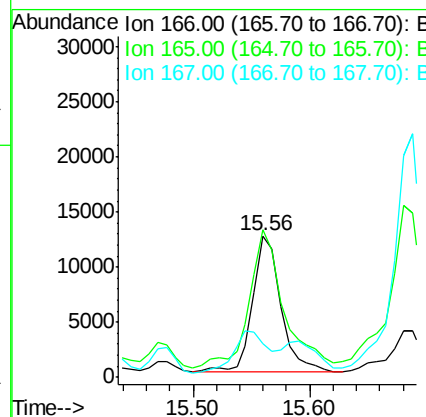
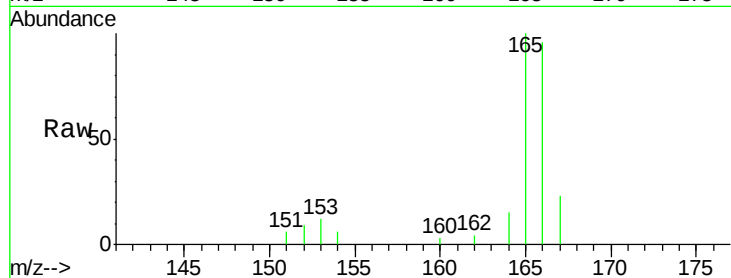
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Tgt Ion:	166	Resp:	20785
Ion Ratio	Lower	Upper	
166	100		
165	104.6	73.4	110.2
167	23.8	14.6	22.0#

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#12

Phenanthrene

Concen: 5.411 ng/ul

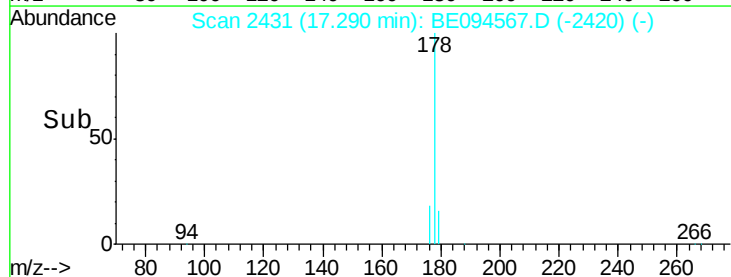
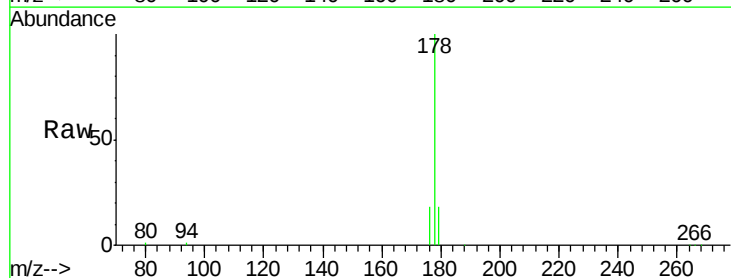
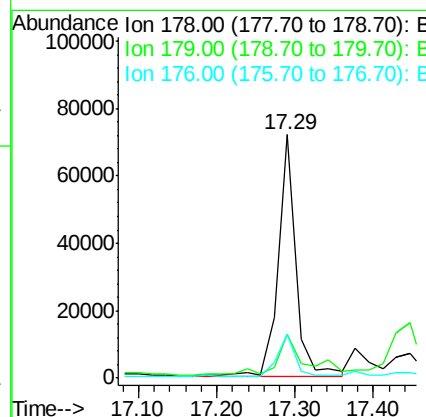
RT: 17.29 min Scan# 2431

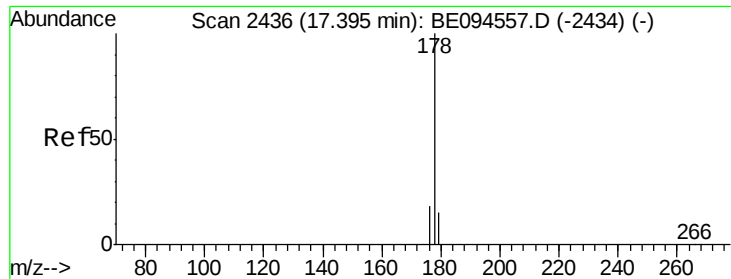
Delta R.T. -0.02 min

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Tgt Ion:	178	Resp:	113827
Ion Ratio	Lower	Upper	
178	100		
179	17.8	18.4	27.6#
176	18.1	13.6	20.4





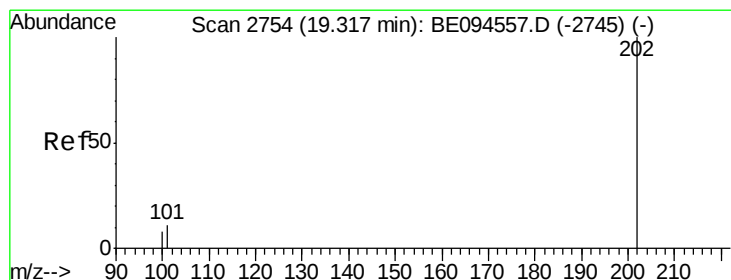
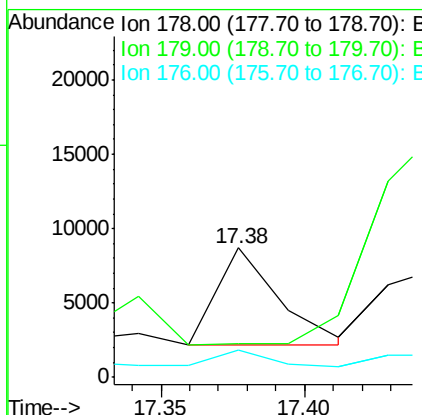
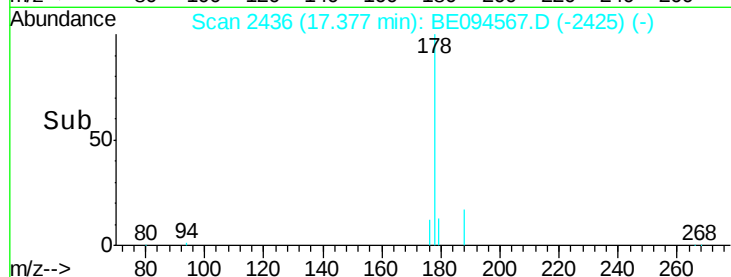
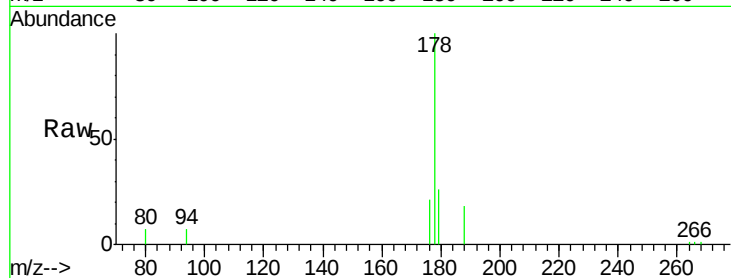
#13
 Anthracene
 Concen: 0.464 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094567.D
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Tgt Ion:178 Resp: 9625
 Ion Ratio Lower Upper
 178 100
 179 26.3 18.1 27.1
 176 21.4 14.7 22.1

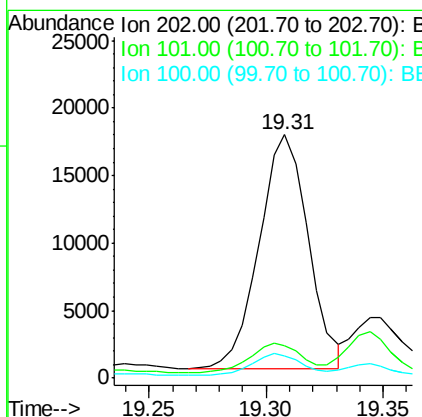
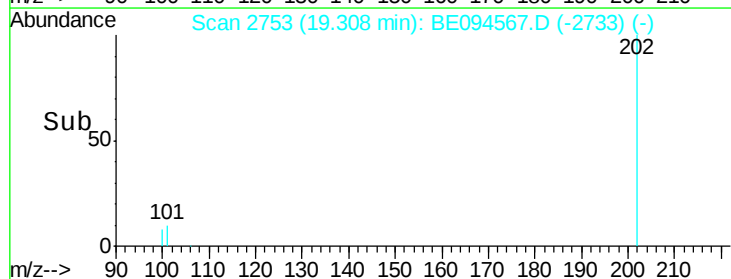
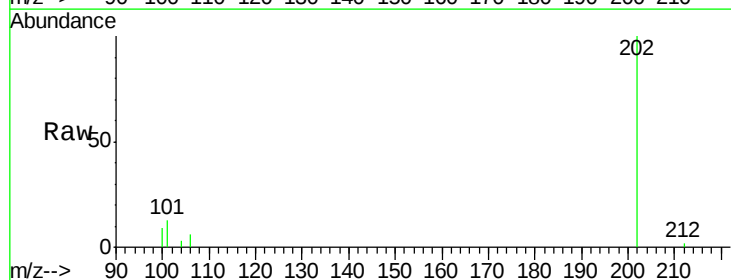
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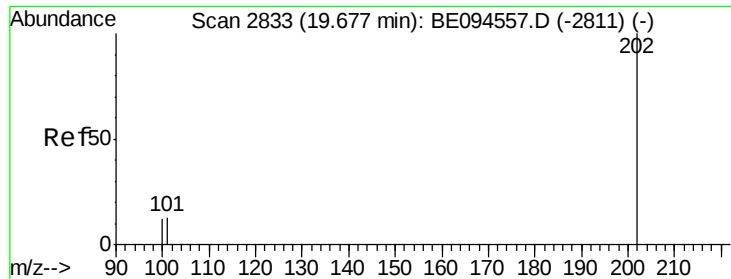
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#15
 Fluoranthene
 Concen: 1.039 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094567.D
 Acq: 26 Oct 2017 18:03

Tgt Ion:202 Resp: 25269
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 30.3
 100 9.3 0.0 39.5





#17

Pyrene

Concen: 2.110 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

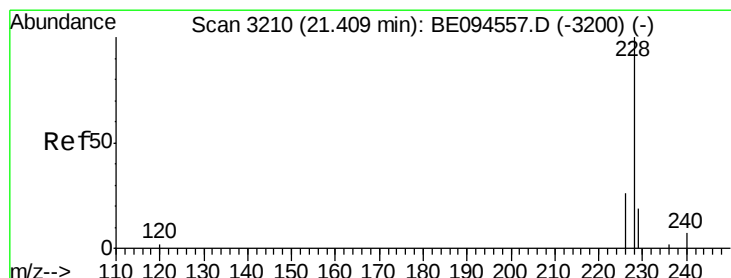
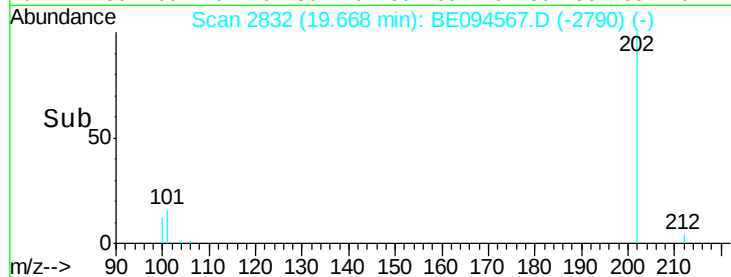
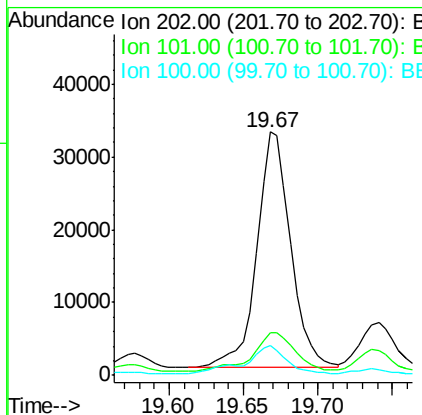
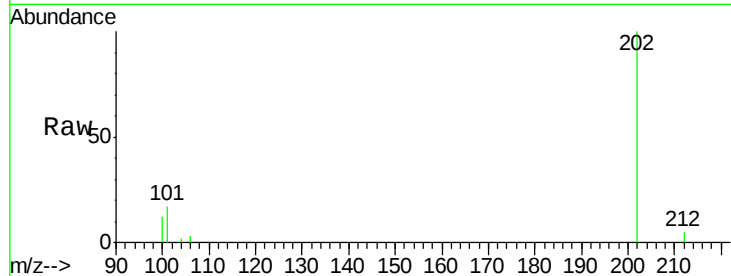
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Tgt Ion:	202	Resp:	51471
Ion Ratio	Lower	Upper	
202	100		
101	17.3	18.2	27.4#
100	12.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.820 ng/ul

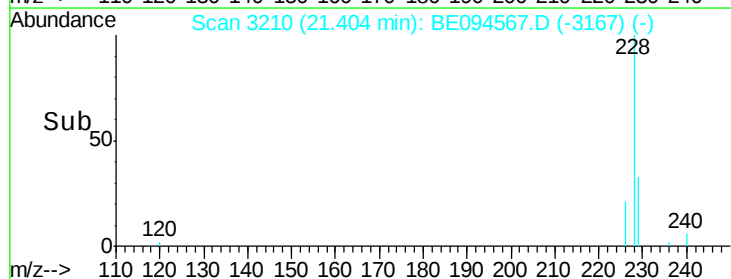
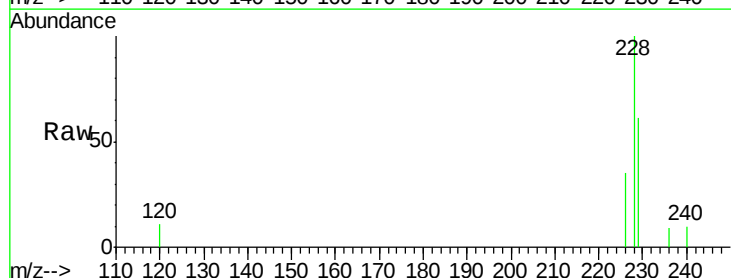
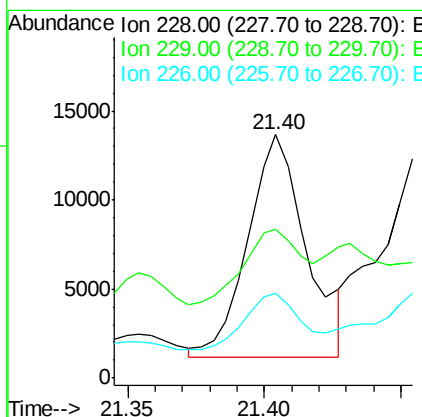
RT: 21.40 min Scan# 3210

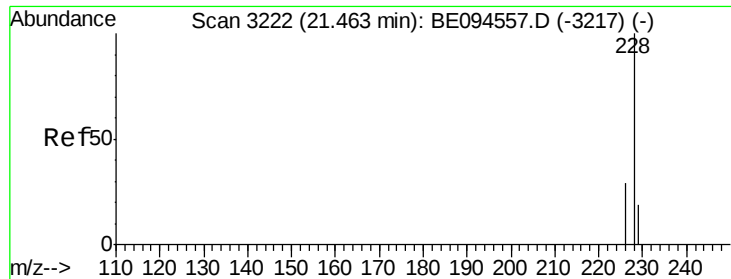
Delta R.T. -0.00 min

Lab File: BE094567.D

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Tgt Ion:	228	Resp:	18495
Ion Ratio	Lower	Upper	
228	100		
229	61.3	22.8	34.2#
226	34.8	17.0	25.6#





#19

Chrysene

Concen: 0.999 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094567.D

Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

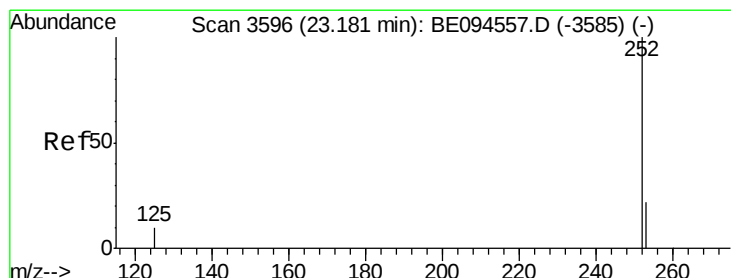
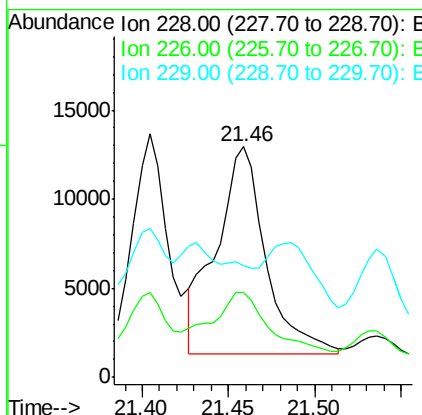
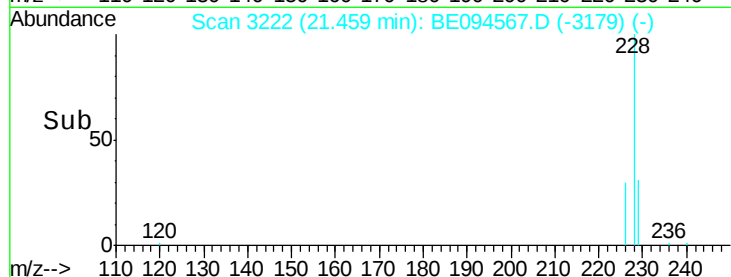
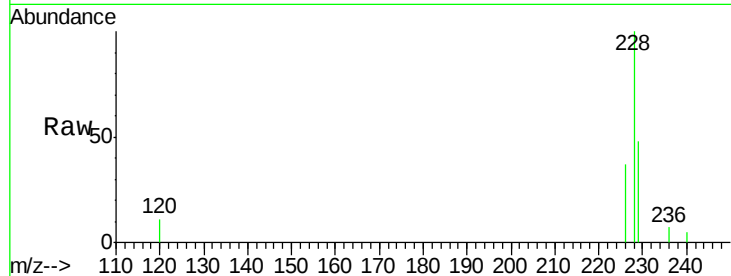
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Tgt Ion:	228	Resp:	23293
Ion Ratio	Lower	Upper	
228	100		
226	36.5	23.4	35.0#
229	48.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.585 ng/ul m

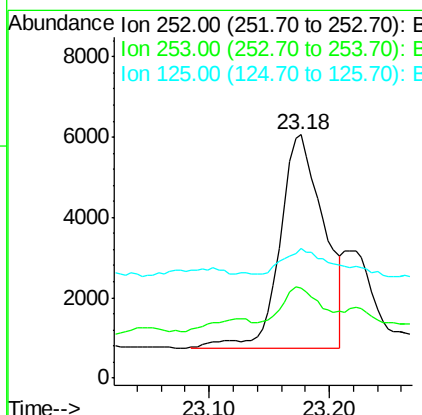
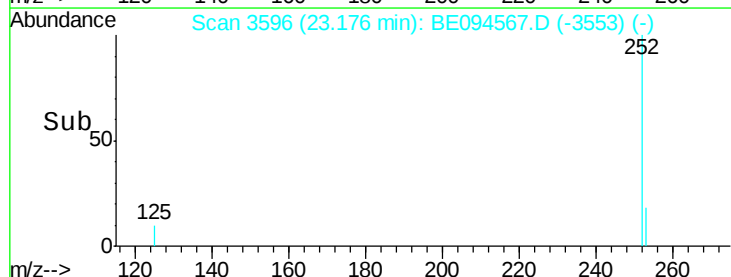
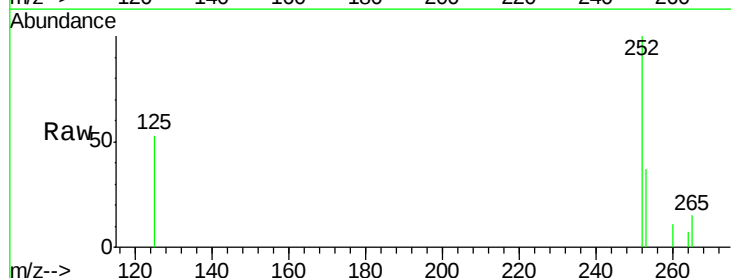
RT: 23.18 min Scan# 3596

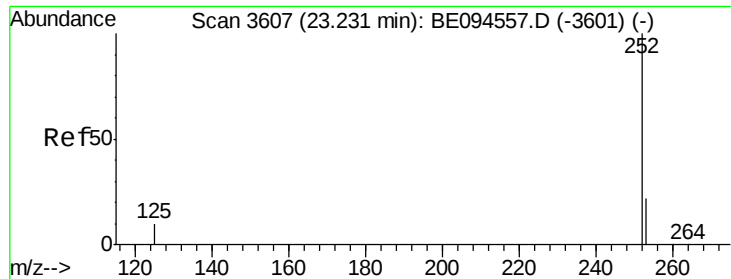
Delta R.T. -0.00 min

Lab File: BE094567.D

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Tgt Ion:	252	Resp:	13572
Ion Ratio	Lower	Upper	
252	100		
253	36.9	0.0	64.2
125	53.0	0.0	35.0#





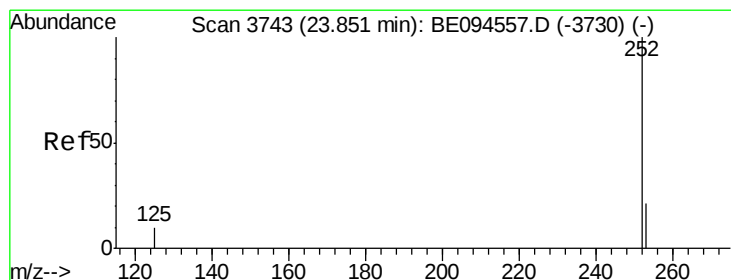
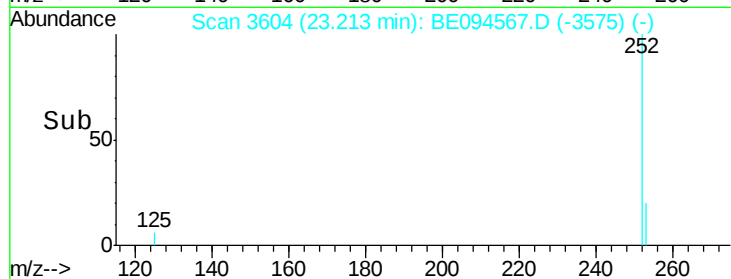
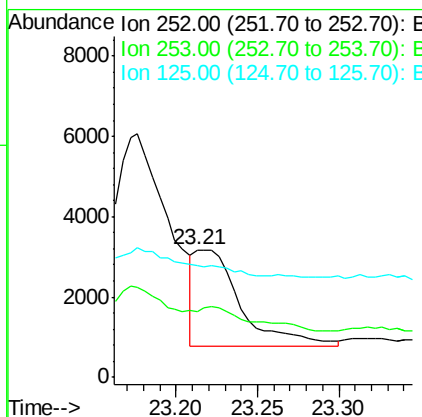
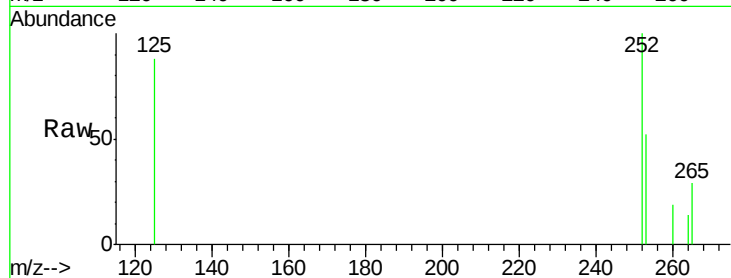
#22
Benzo(k)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.21 min Scan# 3604
Delta R.T. -0.02 min
Lab File: BE094567.D
Acq: 26 Oct 2017 18:03

Instrument :
BNA_E
ClientSampleId :
B-35(2-3.8)-100417

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.1	24.5	36.7#
125	88.3	13.7	20.5#

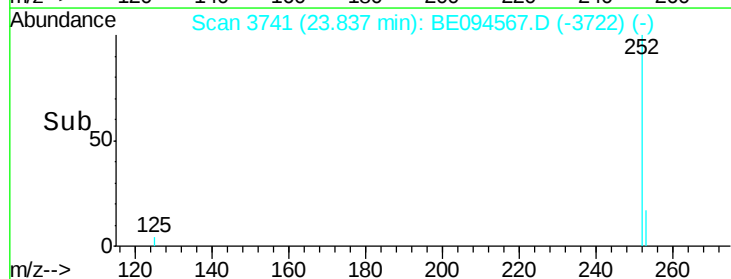
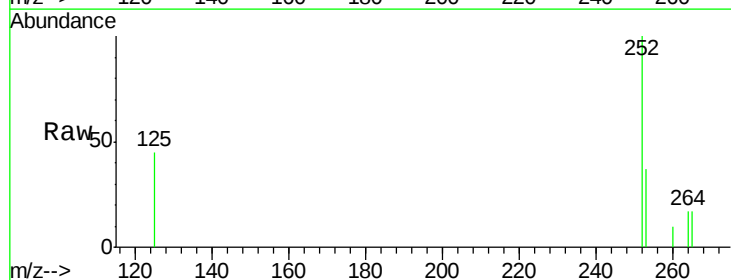
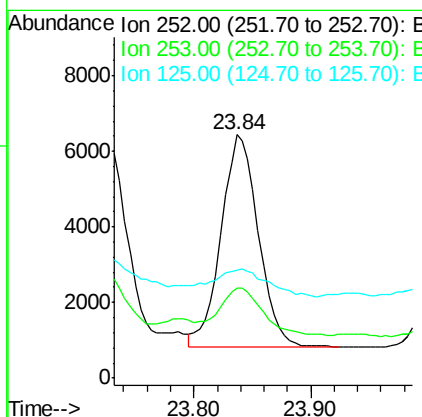
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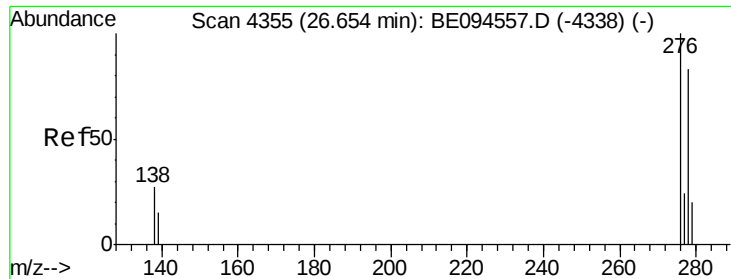
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#23
Benzo(a)pyrene
Concen: 0.536 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094567.D
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	28.5	42.7
125	44.6	18.1	27.1#





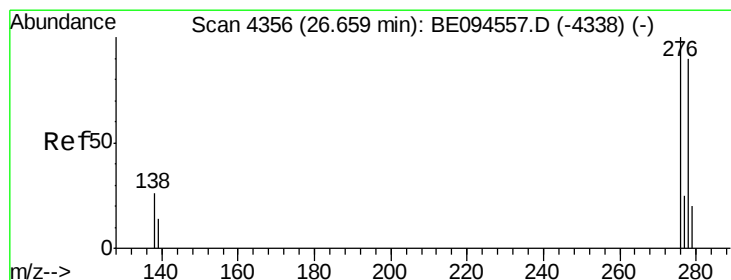
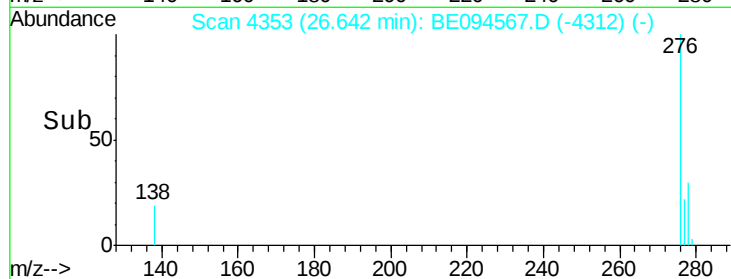
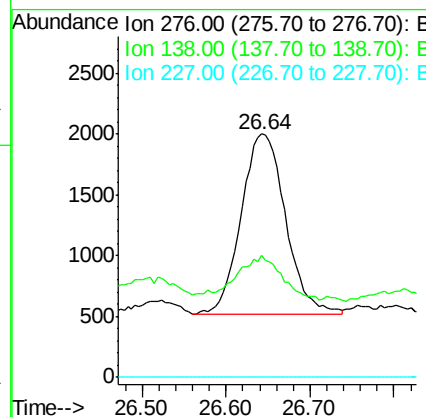
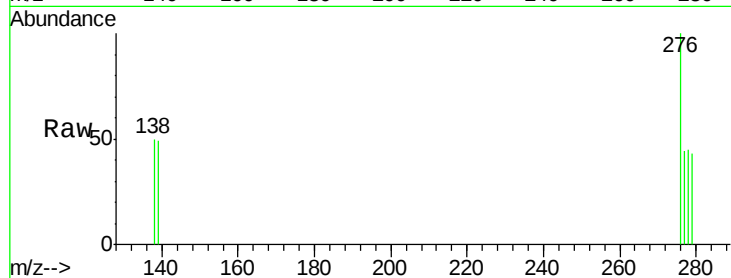
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.227 ng/ul
 RT: 26.64 min Scan# 4353
 Delta R.T. -0.01 min
 Lab File: BE094567.D
 Acq: 26 Oct 2017 18:03

Instrument :
 BNA_E
 ClientSampleId :
 B-35(2-3.8)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	28.0	42.0#
227	0.0	8.0	12.0#

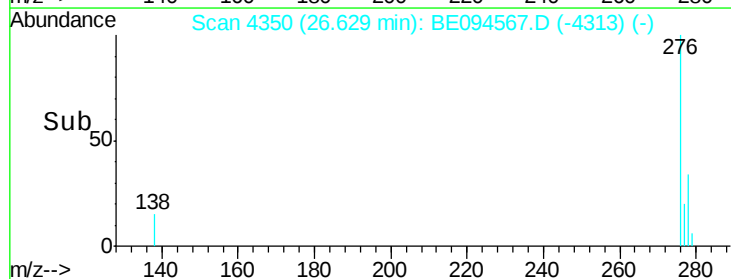
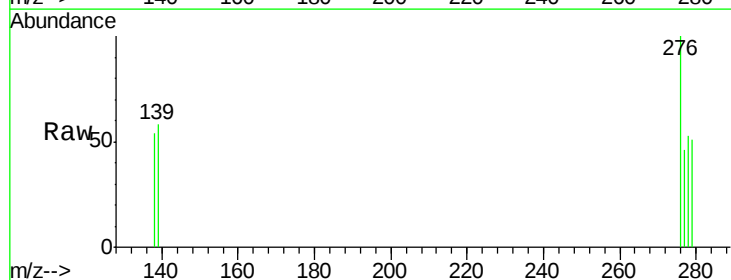
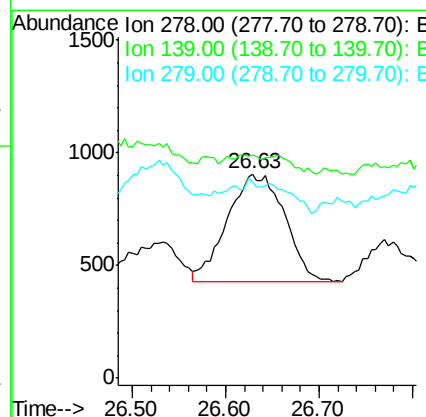
Manual Integrations
 APPROVED

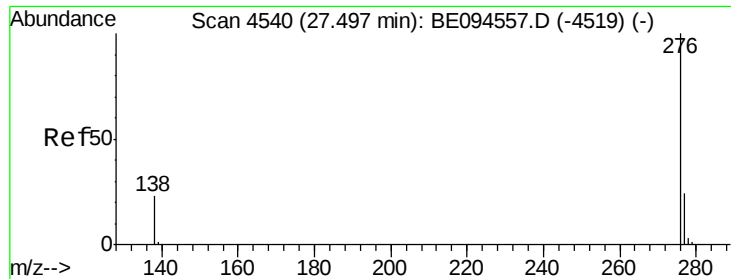
Sohil
 10/27/2017 5:34:55 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.100 ng/ul
 RT: 26.63 min Scan# 4350
 Delta R.T. -0.03 min
 Lab File: BE094567.D
 Acq: 26 Oct 2017 18:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	109.3	17.4	26.0#
279	96.1	25.9	38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.400 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. -0.02 min

Lab File: BE094567.D

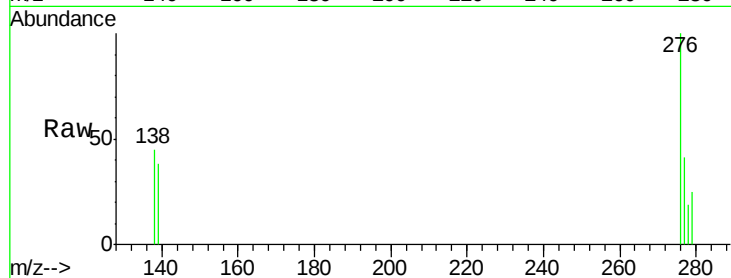
Acq: 26 Oct 2017 18:03

Instrument :

BNA_E

ClientSampleId :

B-35(2-3.8)-100417



Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.2	21.8	32.8#
277	41.4	20.5	30.7#

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:55 PM

