

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
 Data File : BE094560.D
 Acq On : 26 Oct 2017 13:38
 Operator : SJ/JU
 Sample : I5719-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-35(1-2)-100417

Manual Integrations
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Sohil
 10/27/2017 5:34:42 PM

Quant Time: Oct 27 08:05:49 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	1157	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6286	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	3748	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8170	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	7972	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9357	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1873	0.18	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	4458	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	71577	4.657	ng/ul#	96
5) 2-Methylnaphthalene	12.34	142	17979	1.672	ng/ul	98
7) Acenaphthylene	14.24	152	3162	0.187	ng/ul#	89
8) Acenaphthene	14.57	153	5649	0.464	ng/ul	96
9) Fluorene	15.56	166	7329	0.536	ng/ul	92
12) Phenanthrene	17.29	178	58054	2.690	ng/ul#	93
13) Anthracene	17.38	178	14790	0.695	ng/ul#	93
15) Fluoranthene	19.31	202	81501	3.267	ng/ul	84
17) Pyrene	19.67	202	78384	3.181	ng/ul#	79
18) Benzo(a)anthracene	21.40	228	51348	2.253	ng/ul#	90
19) Chrysene	21.46	228	58424	2.480	ng/ul	96
21) Benzo(b)fluoranthene	23.18	252	80691m	3.066	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	25307m	0.897	ng/ul	
23) Benzo(a)pyrene	23.84	252	57857	2.199	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.64	276	42320	1.554	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	11601	0.506	ng/ul#	81
26) Benzo(g,h,i)perylene	27.48	276	39031	1.785	ng/ul	97

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

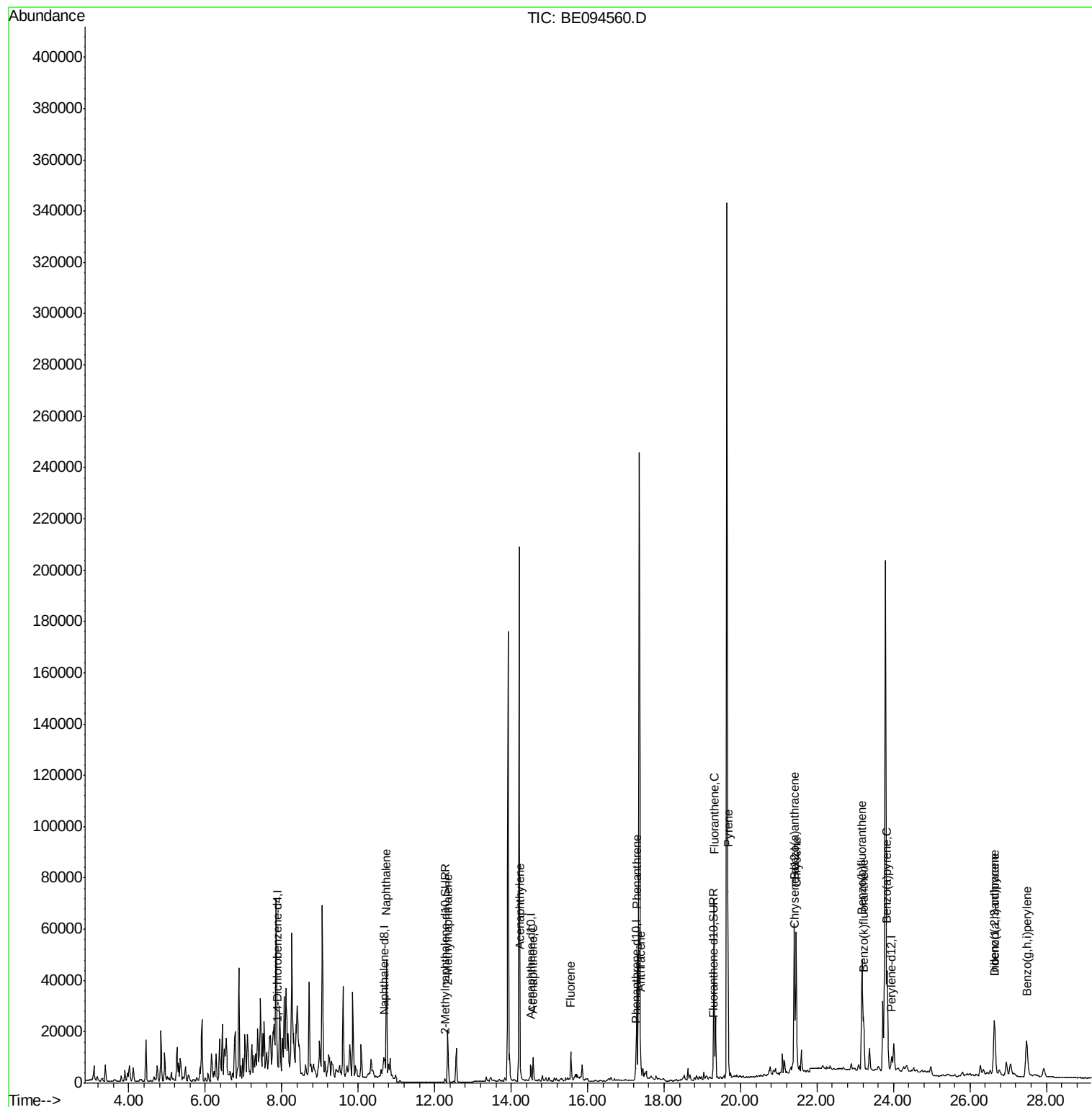
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102617\
Data File : BE094560.D
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ALS Vial : 5 Sample Multiplier: 1

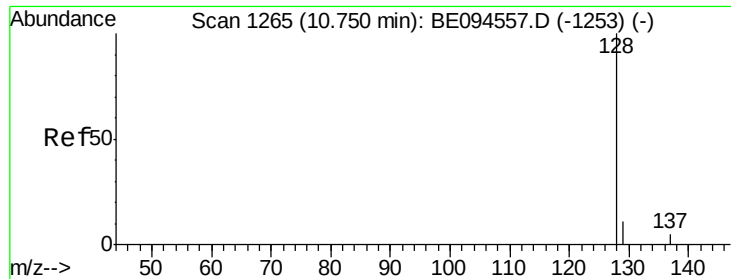
Instrument :
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#3

Naphthalene

Concen: 4.657 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

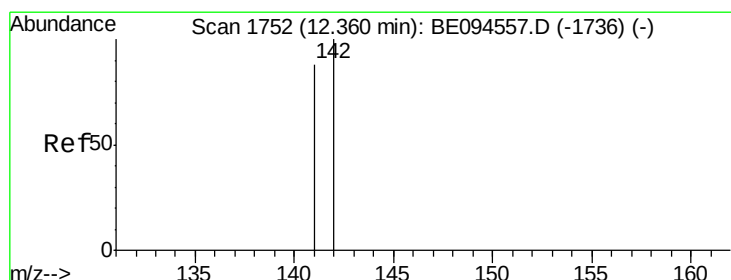
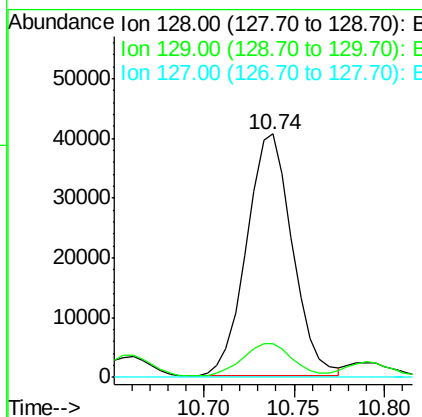
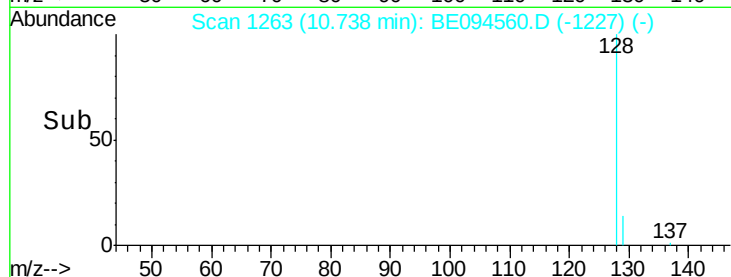
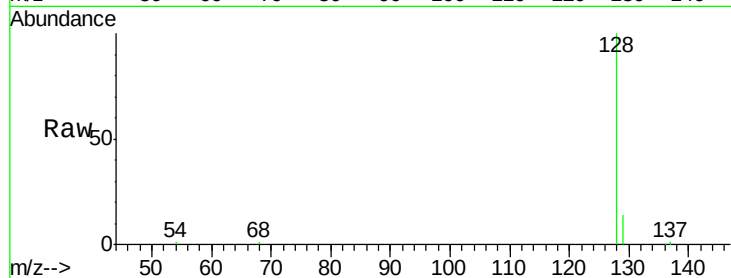
ClientSampleId :

B-35(1-2)-100417

Tgt Ion:	128	Resp:	71577
Ion Ratio	Lower	Upper	
128	100		
129	14.0	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 1.672 ng/ul

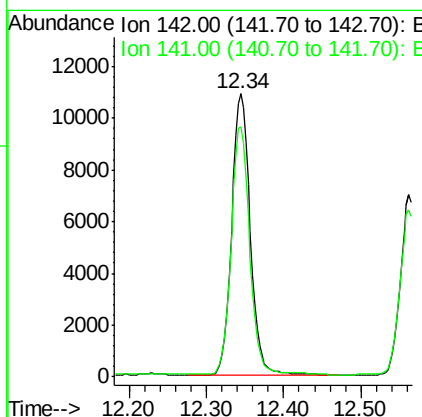
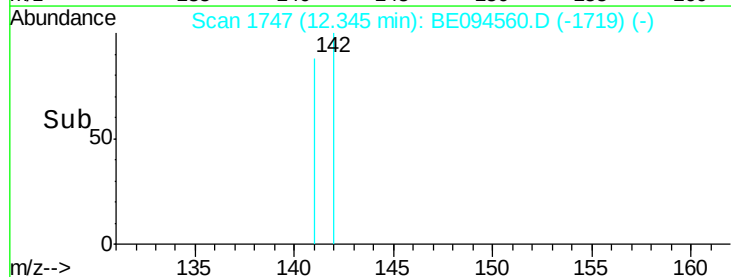
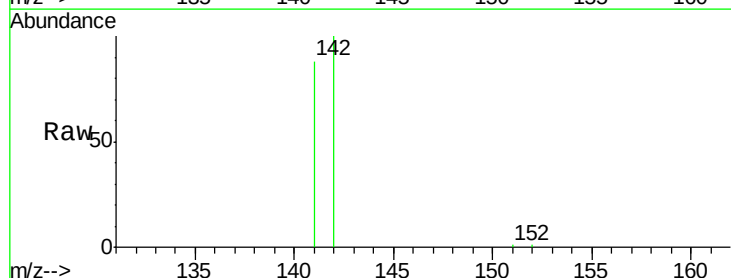
RT: 12.34 min Scan# 1747

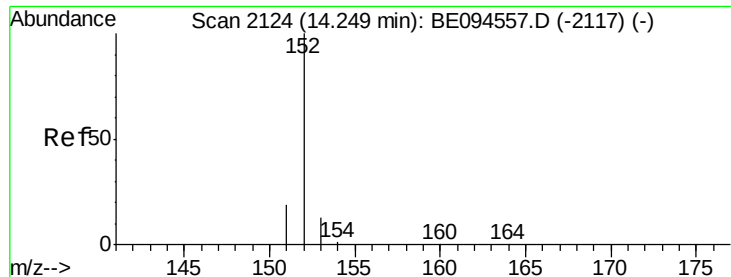
Delta R.T. -0.02 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Tgt Ion:	142	Resp:	17979
Ion Ratio	Lower	Upper	
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.187 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094560.D

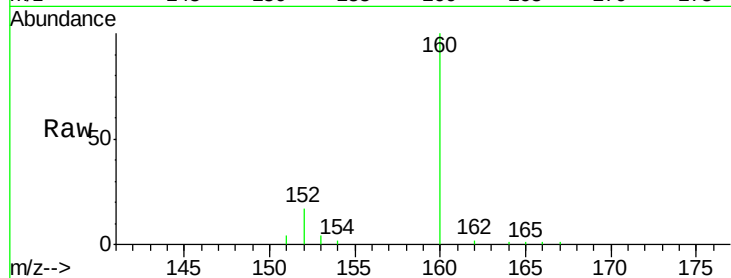
Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

ClientSampleId :

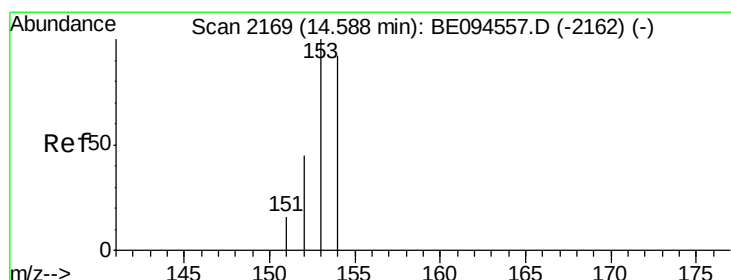
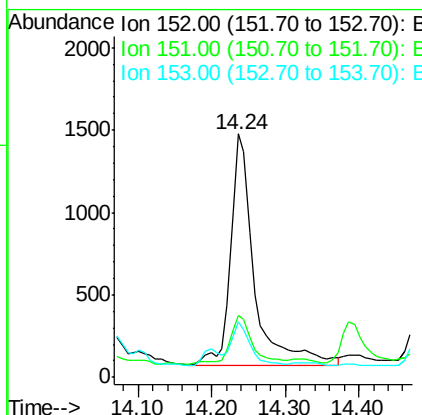
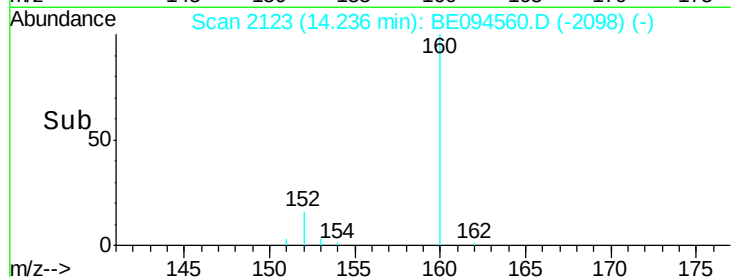
B-35(1-2)-100417



Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.2	17.1	25.7
153	22.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.464 ng/ul

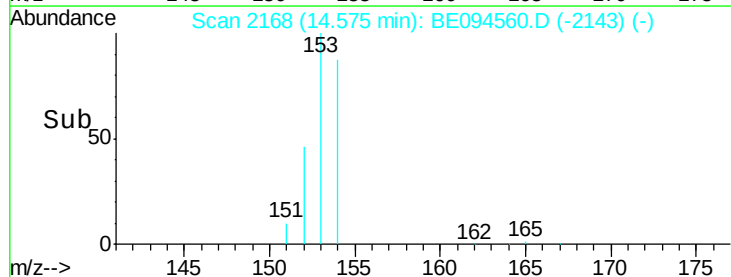
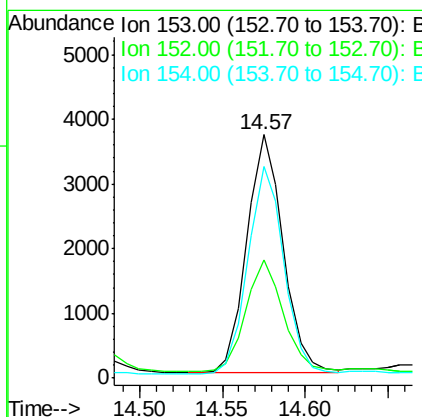
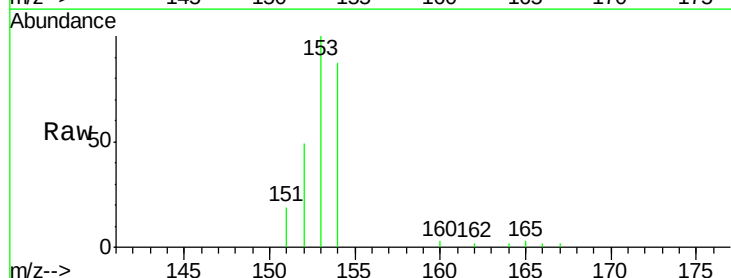
RT: 14.57 min Scan# 2168

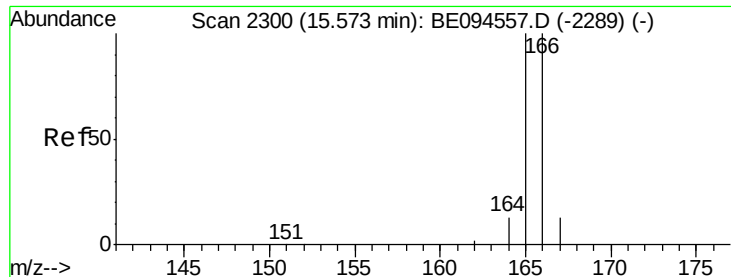
Delta R.T. -0.01 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.0	54.0
154	87.1	72.0	108.0





#9

Fluorene

Concen: 0.536 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

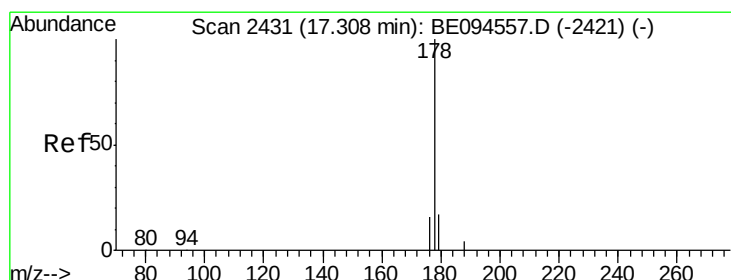
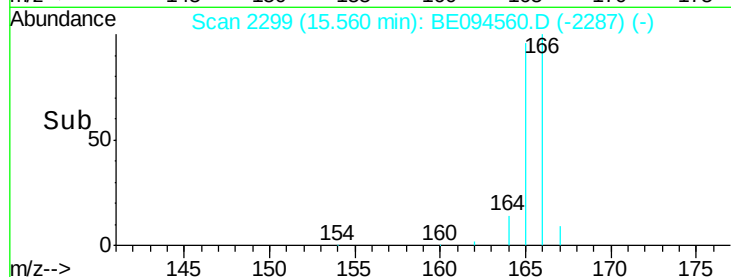
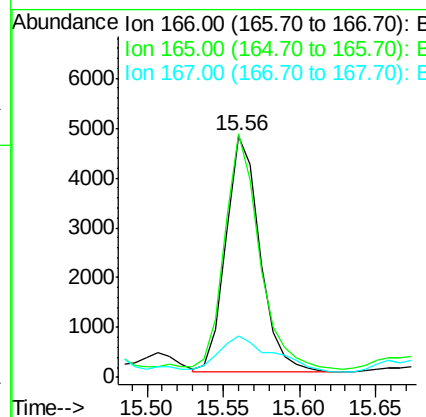
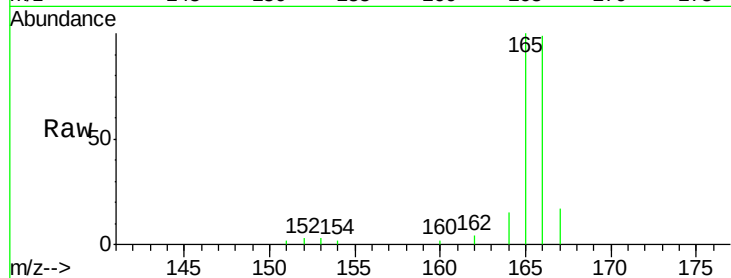
ClientSampleId :

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Tgt Ion:	166	Resp:	7329
Ion Ratio	Lower	Upper	
166	100		
165	101.0	73.4	110.2
167	17.3	14.6	22.0

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#12

Phenanthrene

Concen: 2.690 ng/ul

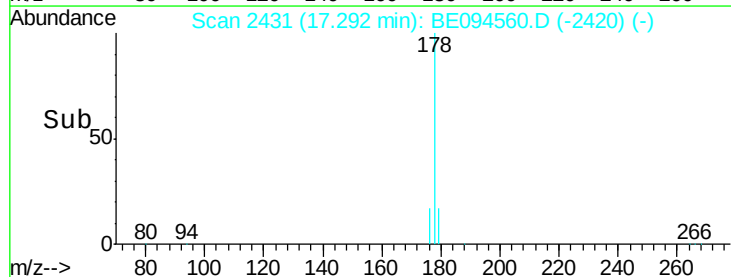
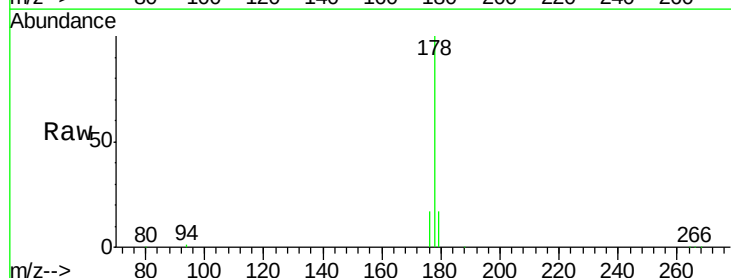
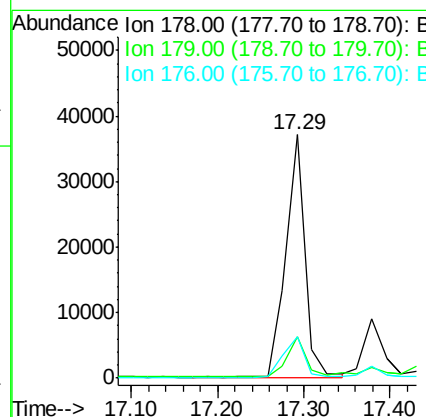
RT: 17.29 min Scan# 2431

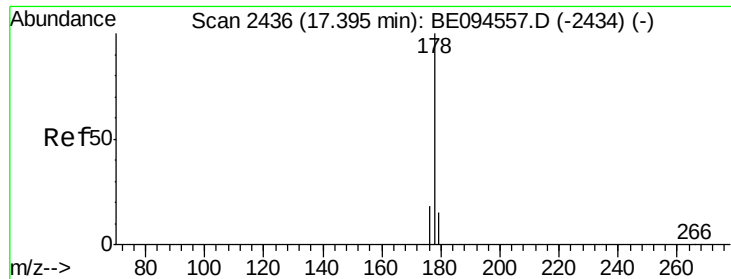
Delta R.T. -0.02 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Tgt Ion:	178	Resp:	58054
Ion Ratio	Lower	Upper	
178	100		
179	17.1	18.4	27.6#
176	16.8	13.6	20.4





#13

Anthracene

Concen: 0.695 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

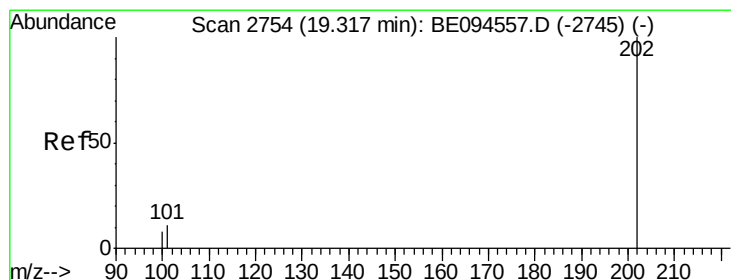
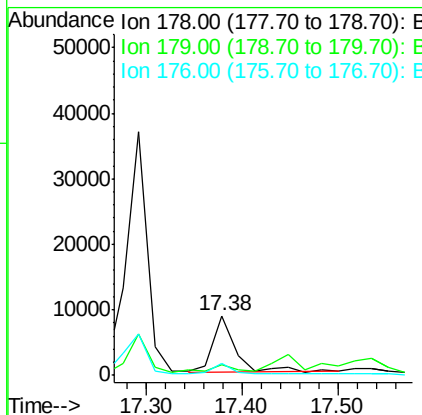
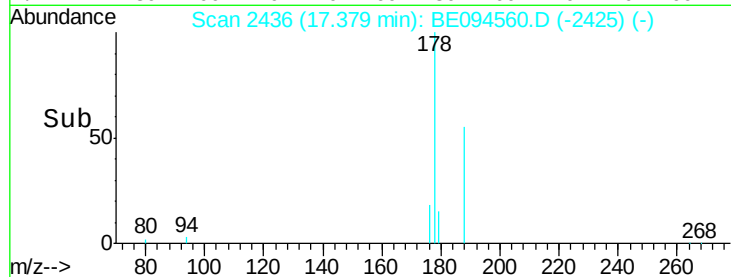
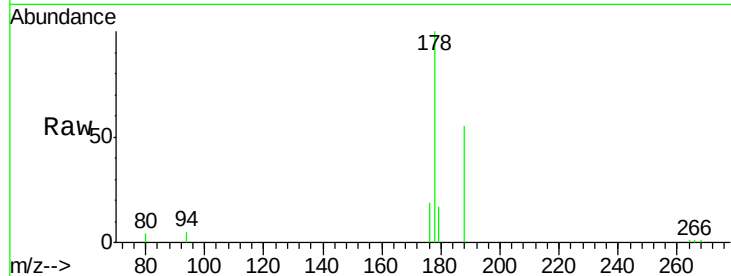
ClientSampleId :

B-35(1-2)-100417

Tgt Ion:	178	Resp:	14790
Ion Ratio	Lower	Upper	
178	100		
179	17.0	18.1	27.1#
176	19.1	14.7	22.1

Manual Integrations
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#15

Fluoranthene

Concen: 3.267 ng/ul

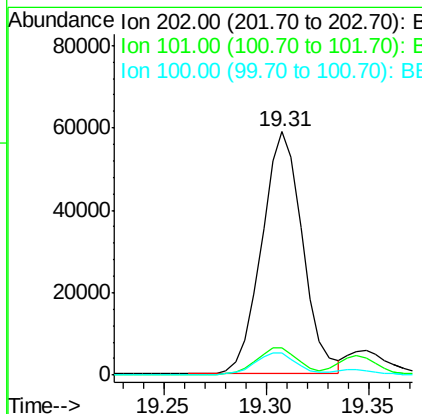
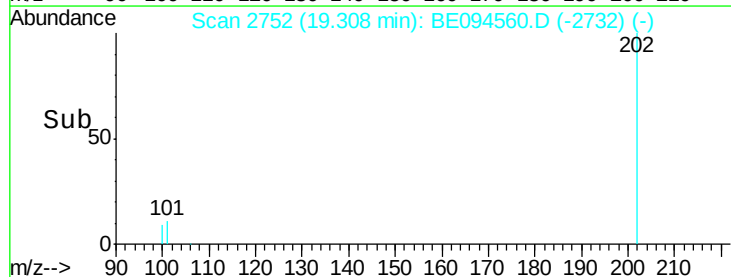
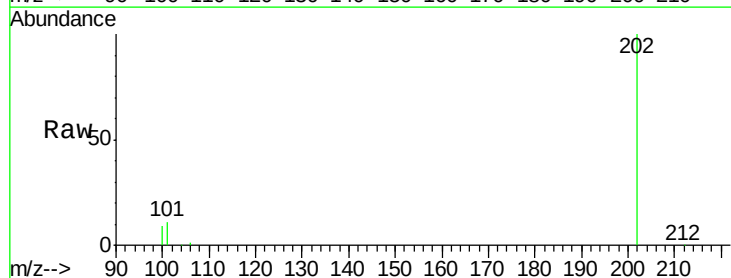
RT: 19.31 min Scan# 2752

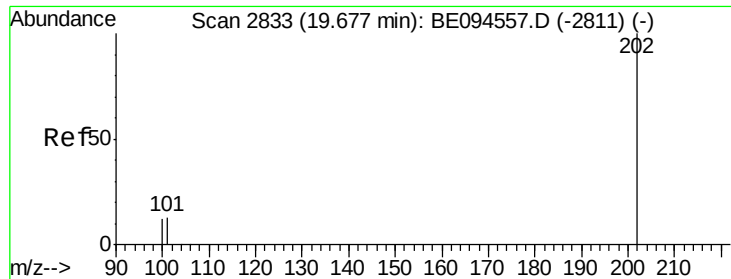
Delta R.T. -0.01 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Tgt Ion:	202	Resp:	81501
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5





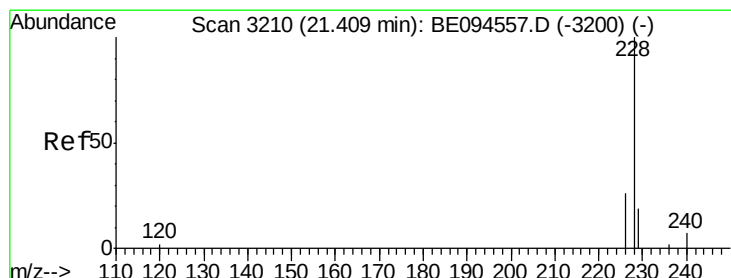
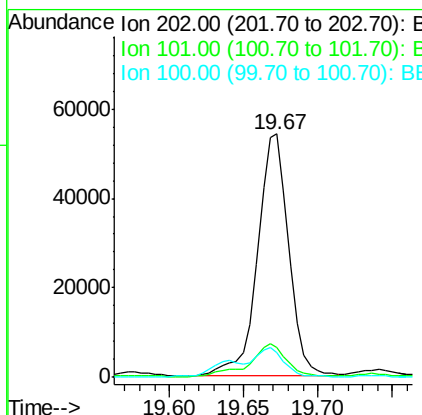
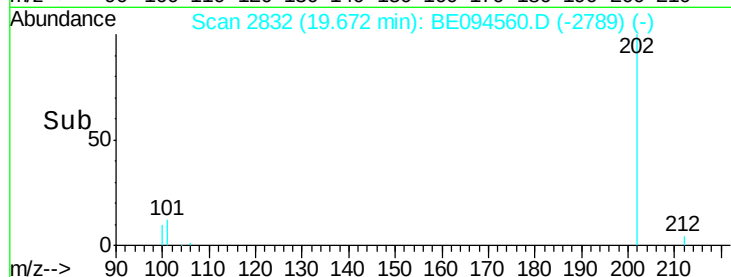
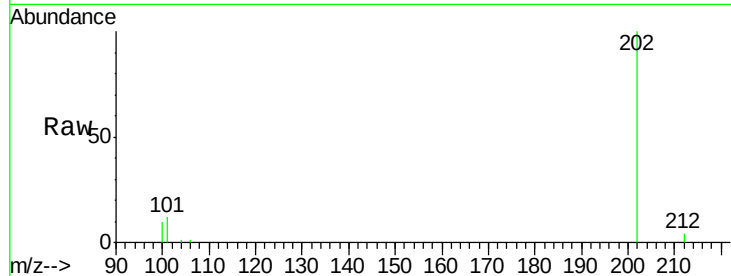
#17
Pyrene
 Concen: 3.181 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094560.D
 Acq: 26 Oct 2017 13:38

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 BNA_E
 ClientSampleId :
 B-35(1-2)-100417

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.5	18.2	27.4#
100	10.1	15.6	23.4#

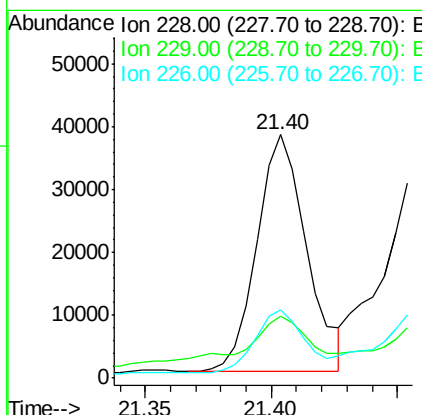
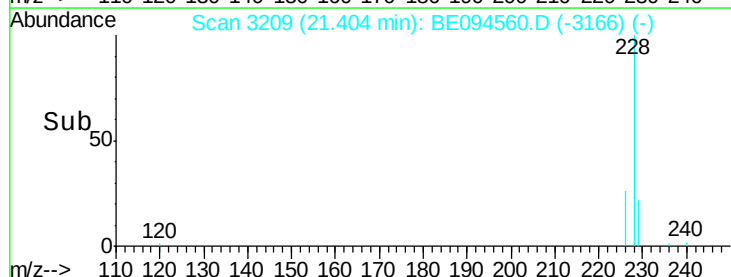
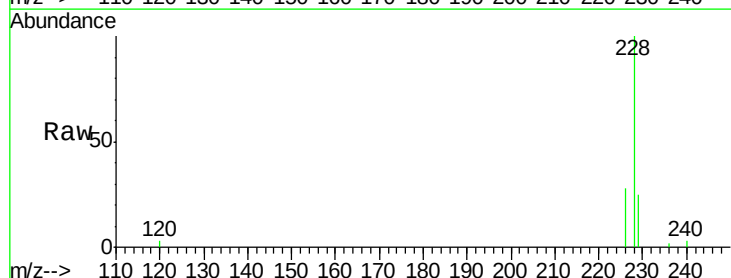
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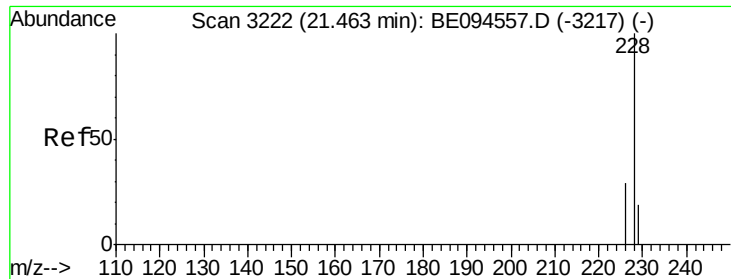
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#18
Benzo(a)anthracene
 Concen: 2.253 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.01 min
 Lab File: BE094560.D
 Acq: 26 Oct 2017 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	25.2	22.8	34.2
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 2.480 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BE094560.D

Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

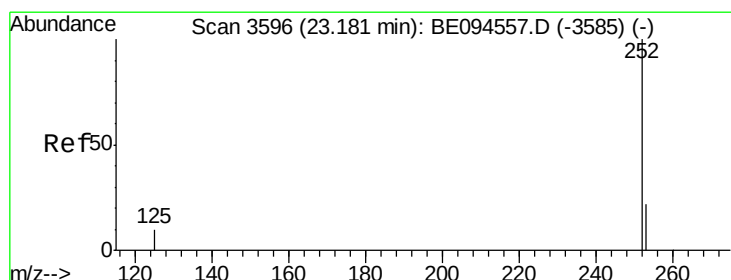
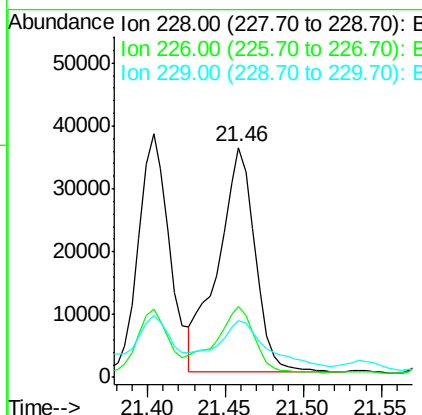
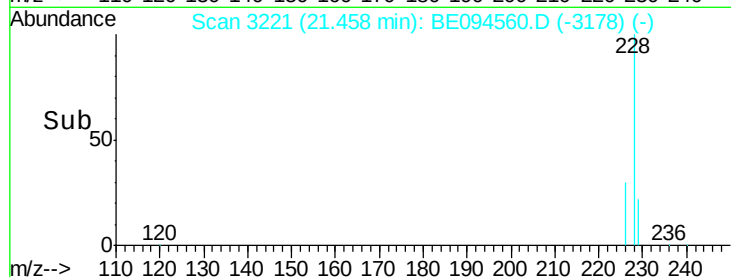
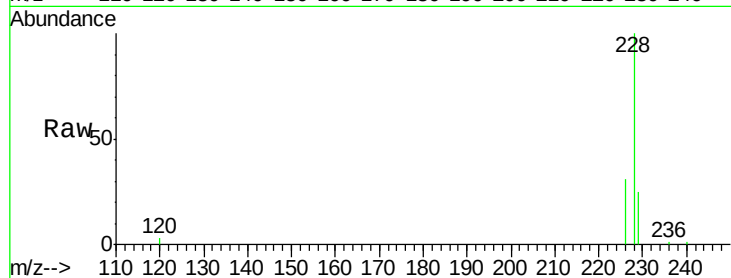
ClientSampleId :

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Tgt Ion:	228	Resp:	58424
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.4	35.0
229	24.6	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.066 ng/ul m

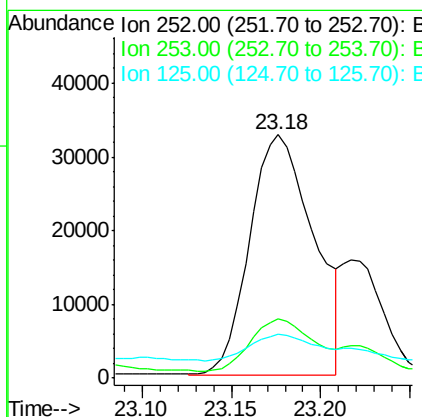
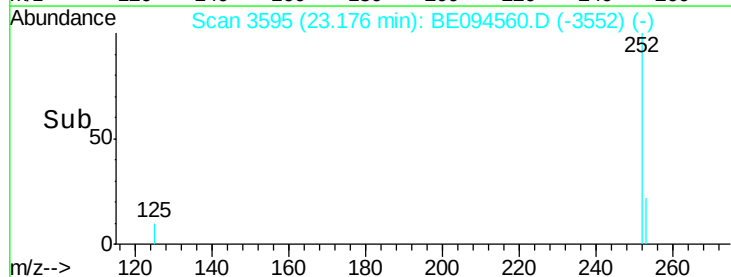
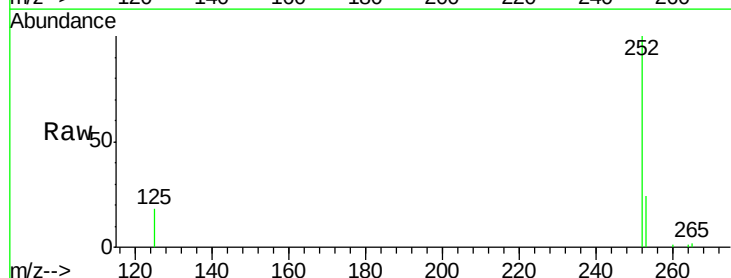
RT: 23.18 min Scan# 3595

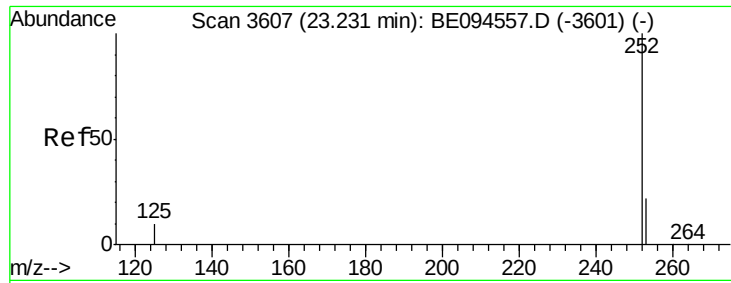
Delta R.T. -0.01 min

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Tgt Ion:	252	Resp:	80691
Ion Ratio	Lower	Upper	
252	100		
253	24.1	0.0	64.2
125	17.8	0.0	35.0





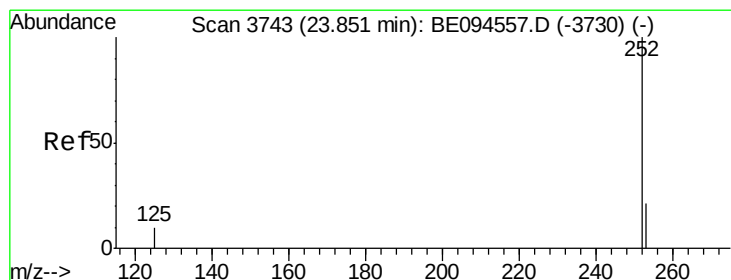
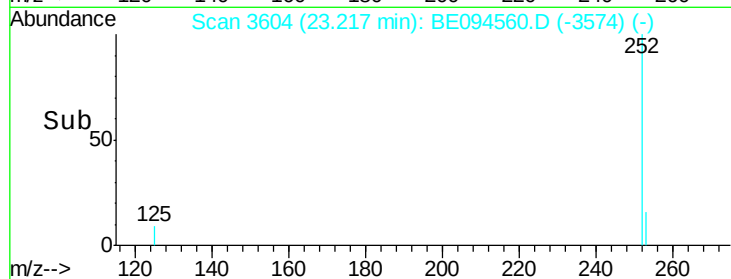
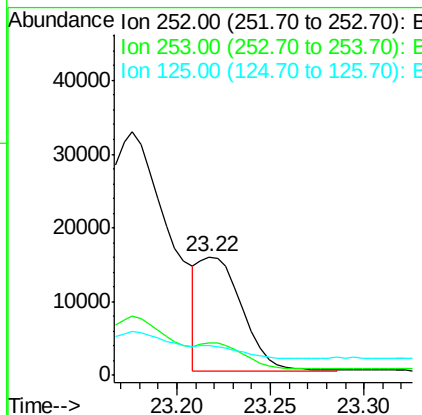
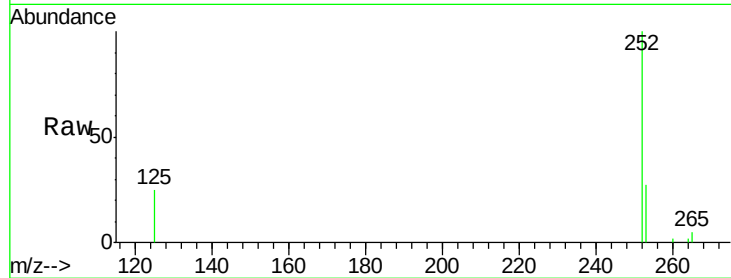
#22
Benzo(k)fluoranthene
Concen: 0.897 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.01 min
Lab File: BE094560.D
Acq: 26 Oct 2017 13:38

Instrument :
BNA_E
ClientSampleId :
B-35(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	24.8	13.7	20.5#

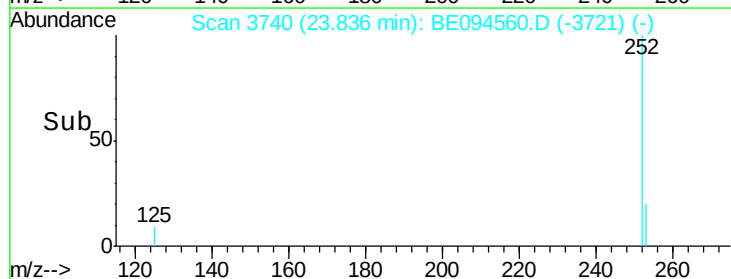
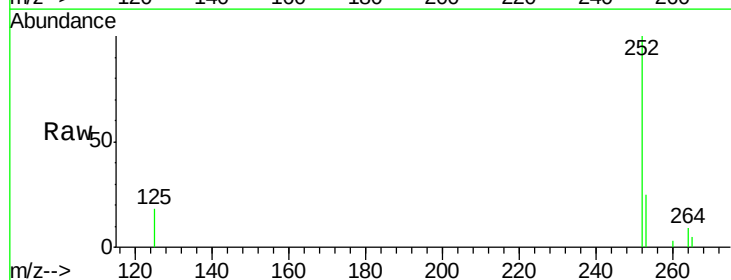
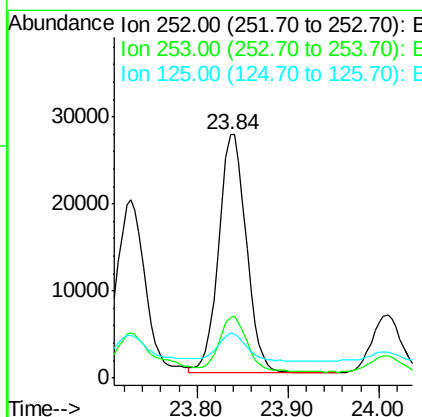
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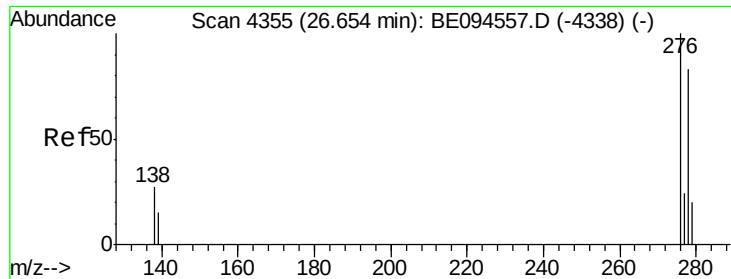
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#23
Benzo(a)pyrene
Concen: 2.199 ng/ul
RT: 23.84 min Scan# 3740
Delta R.T. -0.01 min
Lab File: BE094560.D
Acq: 26 Oct 2017 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	28.5	42.7#
125	18.4	18.1	27.1





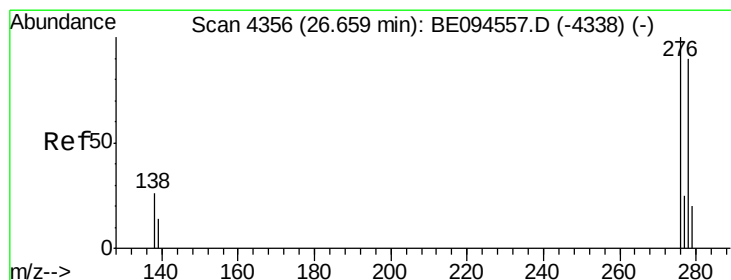
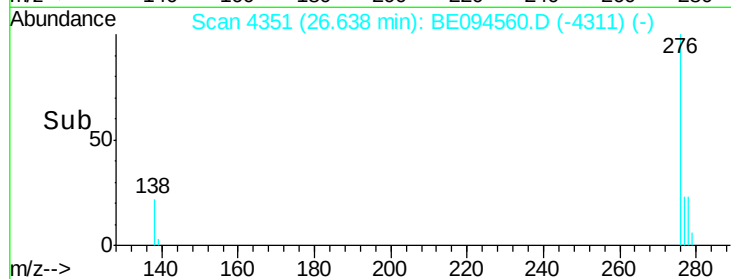
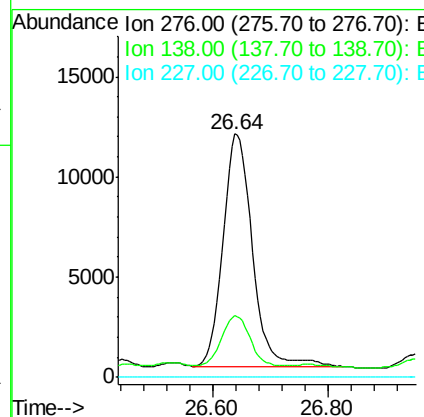
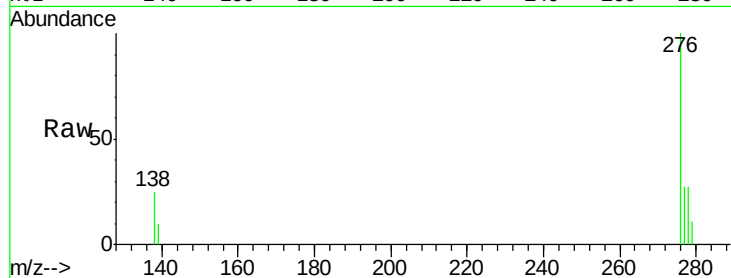
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.554 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.02 min
 Lab File: BE094560.D
 Acq: 26 Oct 2017 13:38

Instrument :
 BNA_E
 ClientSampleId :
 B-35(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	28.0	42.0#
227	0.0	8.0	12.0#

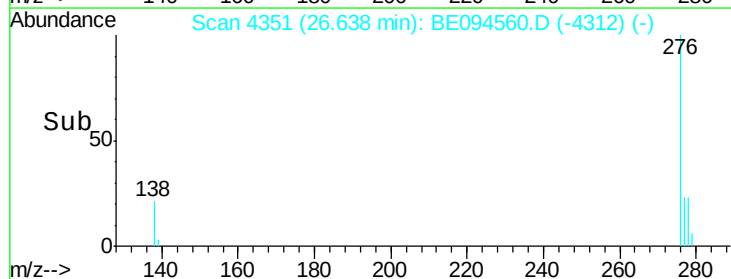
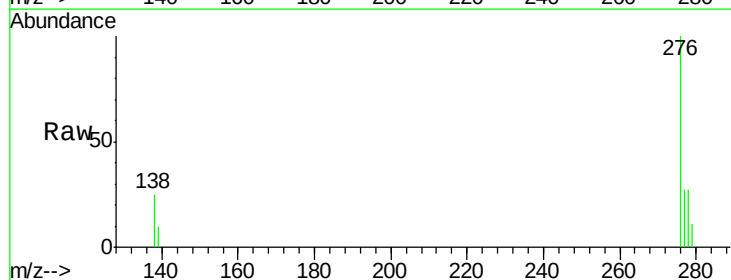
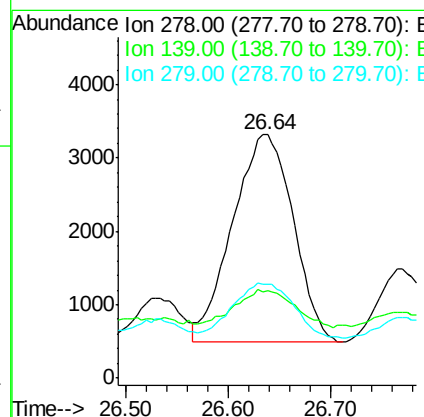
Manual Integrations
 APPROVED

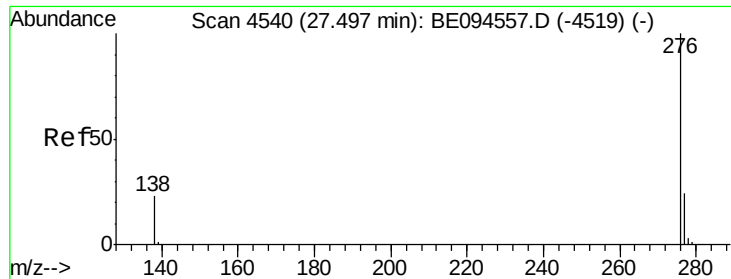
Sohil
 10/27/2017 5:34:42 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.506 ng/ul
 RT: 26.64 min Scan# 4351
 Delta R.T. -0.02 min
 Lab File: BE094560.D
 Acq: 26 Oct 2017 13:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	36.1	17.4	26.0#
279	38.6	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.785 ng/ul

RT: 27.48 min Scan# 4536

Delta R.T. -0.02 min

Lab File: BE094560.D

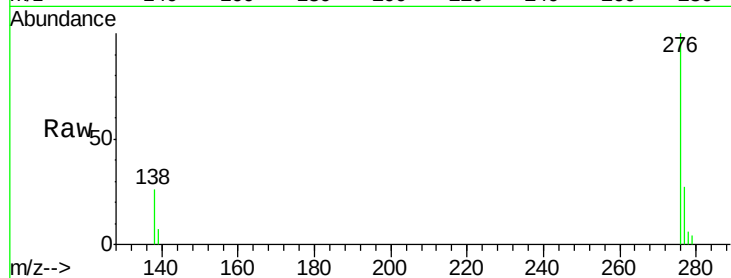
Acq: 26 Oct 2017 13:38

Instrument :

BNA_E

ClientSampleId :

B-35(1-2)-100417



Tgt	Ion	276	Resp:	39031
Ion	Ratio	100	Lower	Upper
276	100			
138	25.8	21.8	32.8	
277	27.4	20.5	30.7	

Manual Integrations
APPROVED

Sohil
10/27/2017 5:34:42 PM

