

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094374.D
 Acq On : 15 Oct 2017 2:44
 Operator : SJ/JU
 Sample : I5548-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB3

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:36 PM

Quant Time: Oct 16 05:40:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1835	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6069	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12971	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12060	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	13098m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3144	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7870	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1132	0.045	ng/ul#	77
5) 2-Methylnaphthalene	12.35	142	923	0.057	ng/ul	98
7) Acenaphthylene	14.25	152	1068	0.045	ng/ul#	81
8) Acenaphthene	14.59	153	703	0.036	ng/ul#	92
9) Fluorene	15.57	166	668	0.029	ng/ul#	77
12) Phenanthrene	17.29	178	20280	0.598	ng/ul#	87
13) Anthracene	17.39	178	2997	0.091	ng/ul#	90
15) Fluoranthene	19.31	202	60042	1.348	ng/ul	84
17) Pyrene	19.67	202	53527	1.595	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	26032	0.814	ng/ul#	92
19) Chrysene	21.46	228	31763	0.860	ng/ul#	93
21) Benzo(b)fluoranthene	23.18	252	39049	1.097	ng/ul	91
22) Benzo(k)fluoranthene	23.22	252	15783m	0.384	ng/ul	
23) Benzo(a)pyrene	23.84	252	26727m	0.723	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.64	276	20564m	0.544	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	5206m	0.164	ng/ul	
26) Benzo(a,h,i)perylene	27.47	276	16797m	0.515	ng/ul	

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

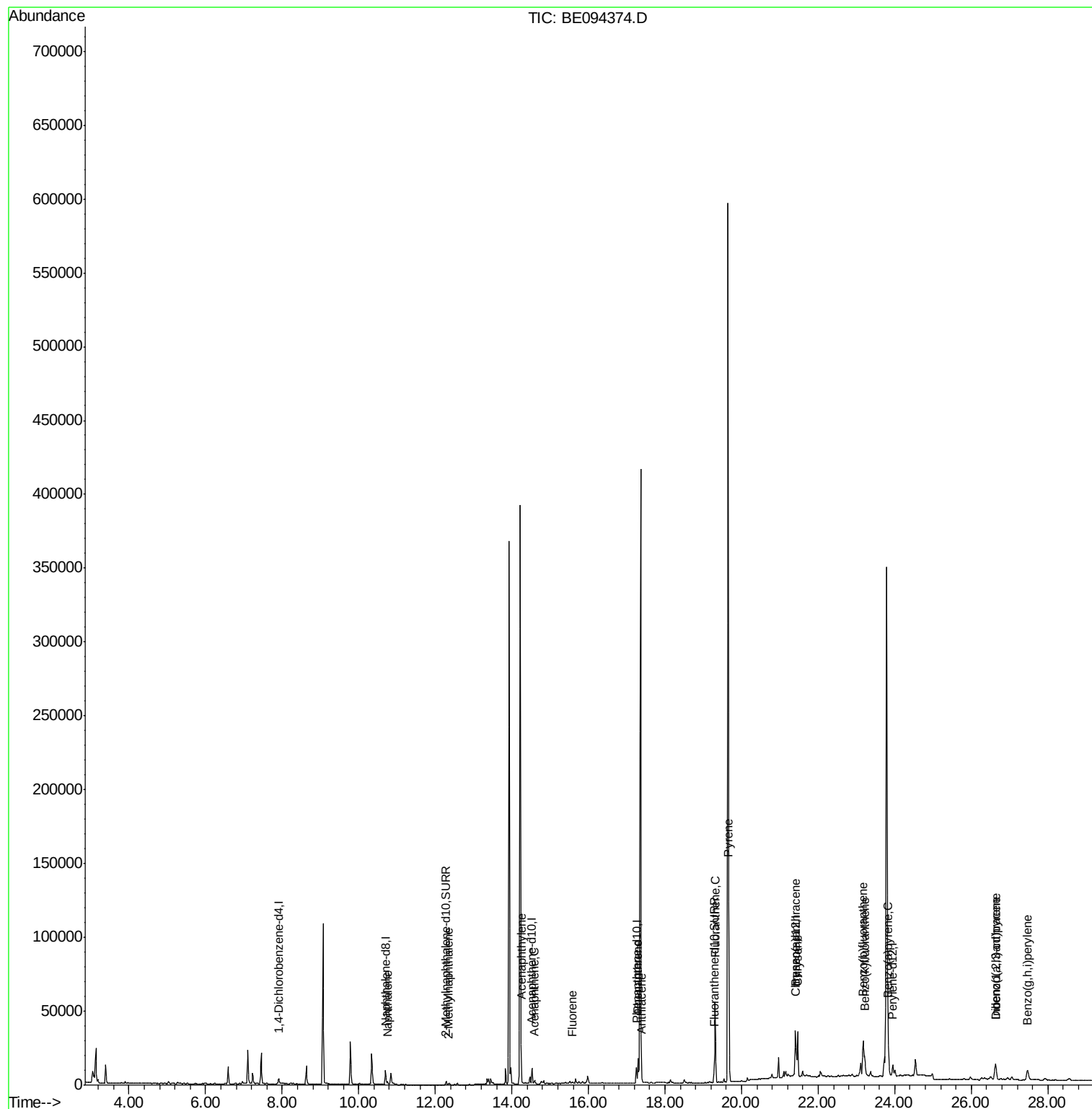
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
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ALS Vial : 21 Sample Multiplier: 1

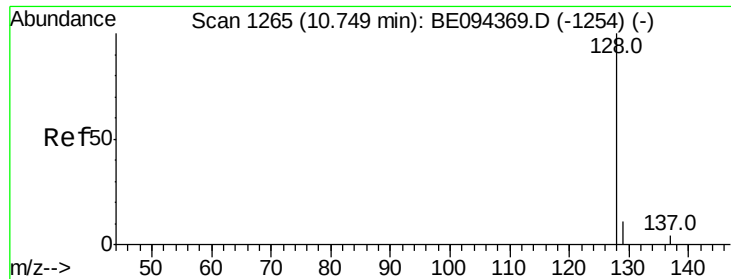
Instrument :
BNA_E
ClientSampleId :
C0AB3

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 05:09:03 2017
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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Instrument :

BNA_E

ClientSampled :

C0AB3

Tot Ion:128 Resp: 1132

Ion Ratio Lower Upper

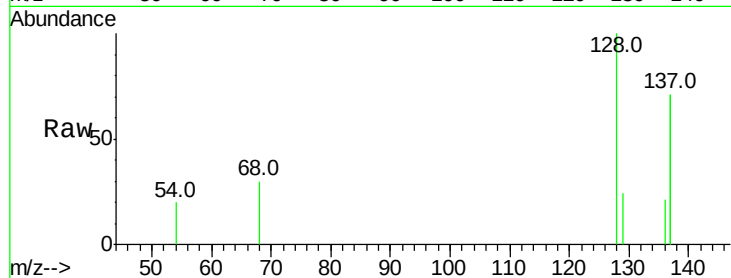
128 100

129 24.4 11.3 16.9#

127 0.0 4.0 6.0#

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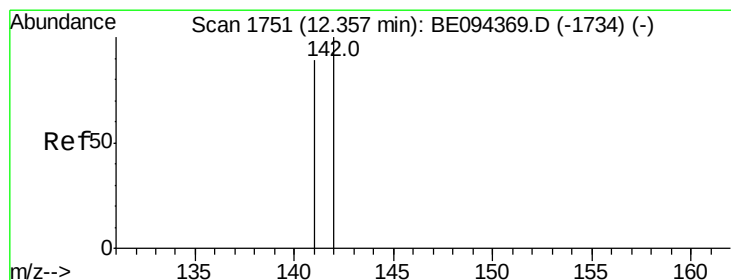
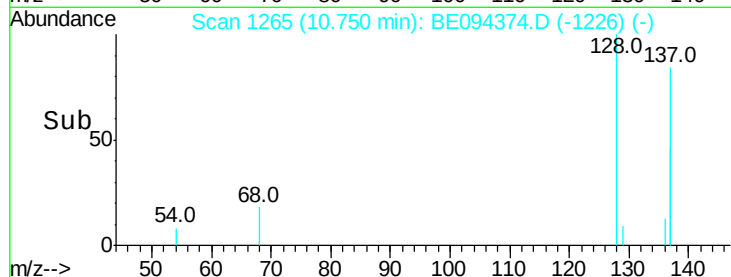
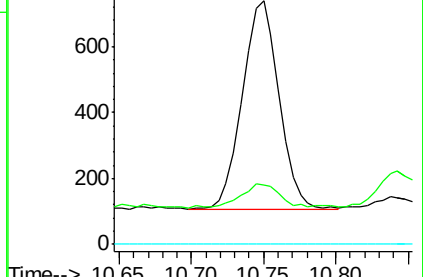
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.057 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.00 min

Lab File: BE094374.D

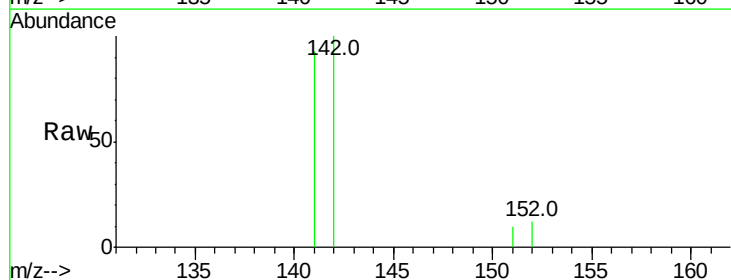
Acq: 15 Oct 2017 2:44

Tgt Ion:142 Resp: 923

Ion Ratio Lower Upper

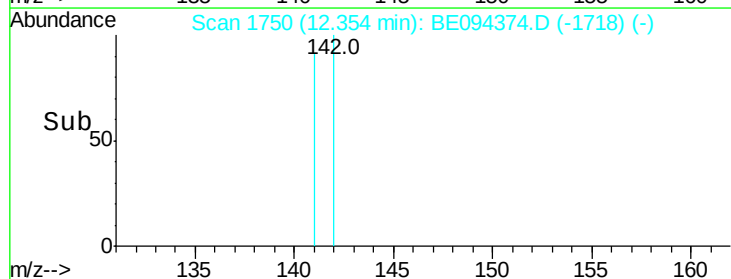
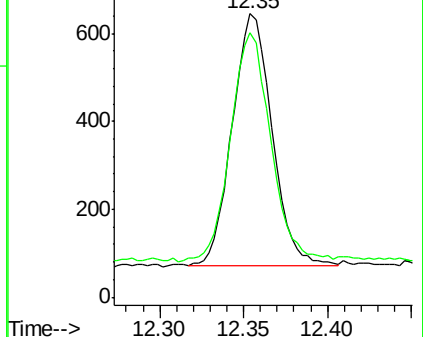
142 100

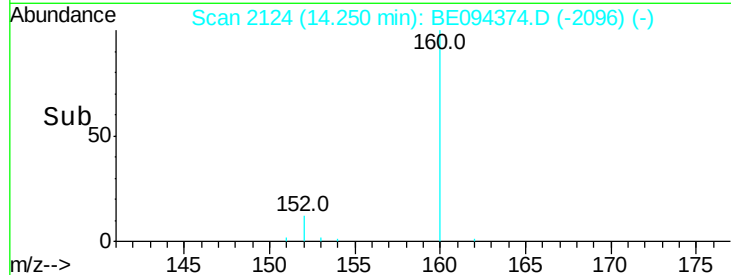
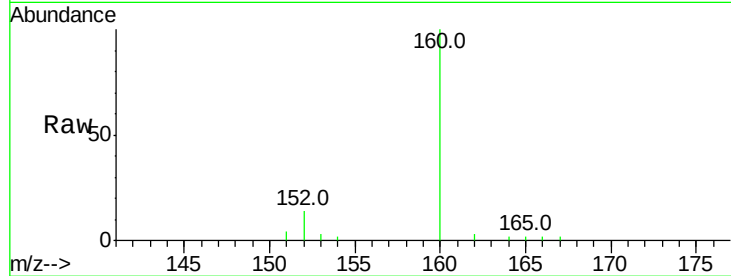
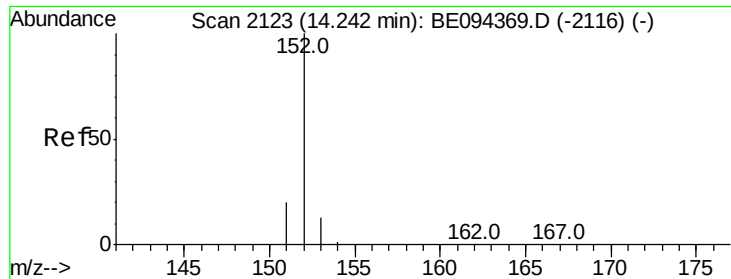
141 92.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Tot Ion:	152	Resp:	1068
Ion Ratio	Lower	Upper	
152	100		
151	29.5	17.1	25.7#
153	25.0	12.8	19.2#

Instrument :

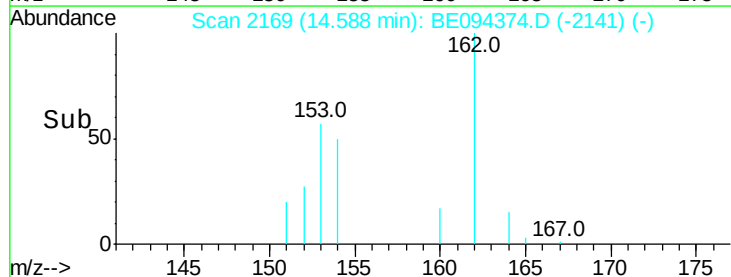
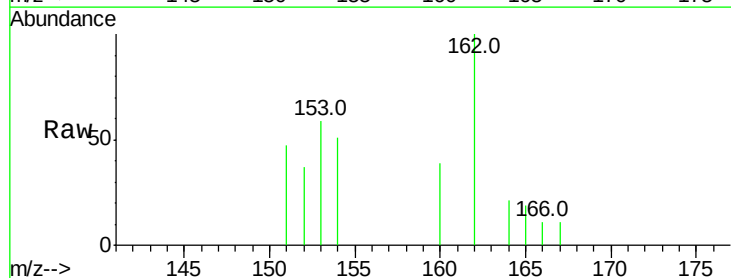
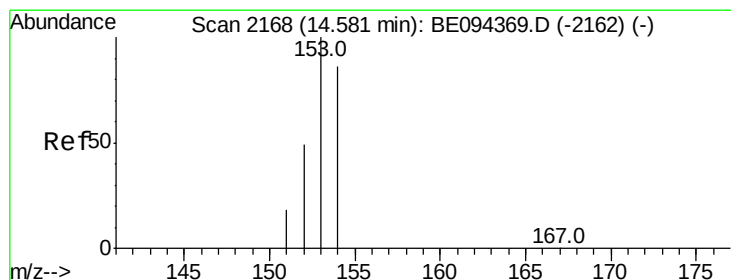
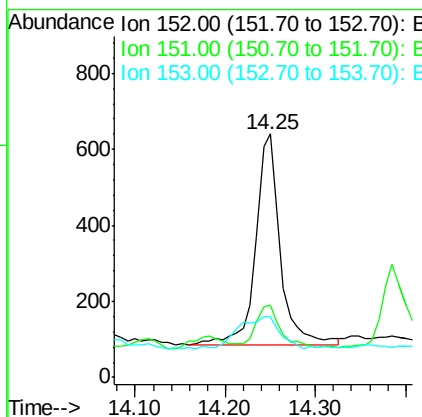
BNA_E

ClientSampleId :

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#8

Acenaphthene

Concen: 0.036 ng/ul

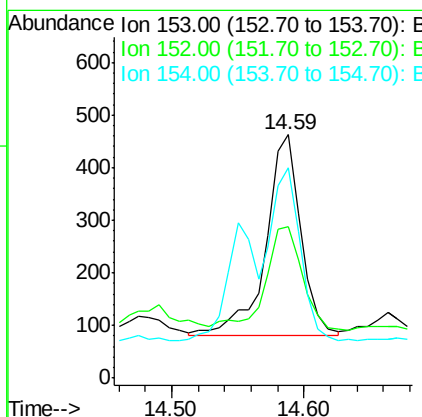
RT: 14.59 min Scan# 2169

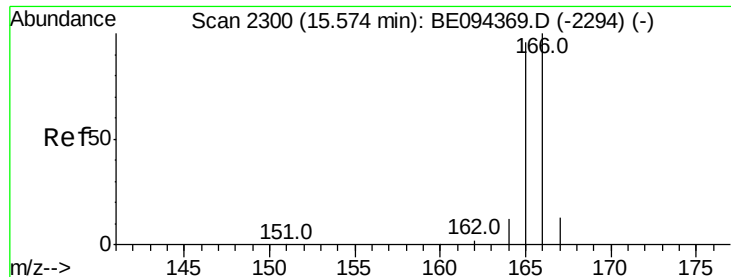
Delta R.T. 0.01 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Tgt Ion:	153	Resp:	703
Ion Ratio	Lower	Upper	
153	100		
152	62.4	40.3	60.5#
154	86.2	71.4	107.2





#9

Fluorene

Concen: 0.029 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Instrument :

BNA_E

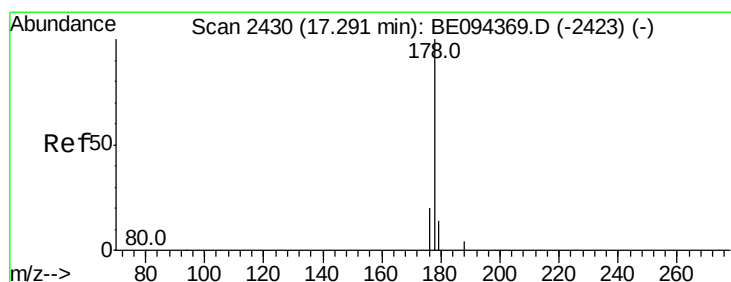
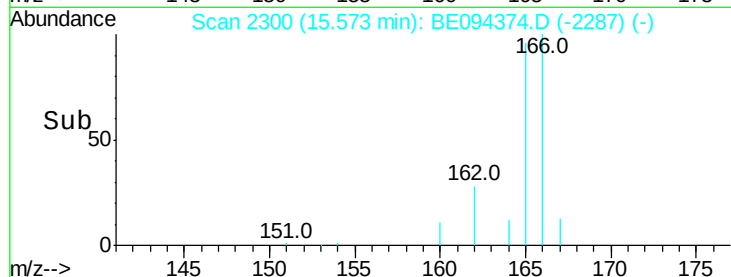
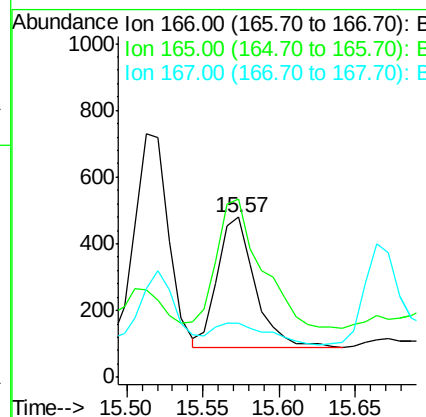
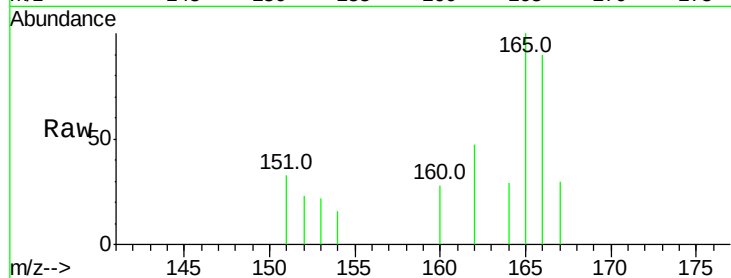
ClientSampled :

C0AB3

Tot Ion:	166	Resp:	668
Ion Ratio	Lower	Upper	
166	100		
165	111.7	73.4	110.2#
167	34.0	14.6	22.0#

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#12

Phenanthrene

Concen: 0.598 ng/ul

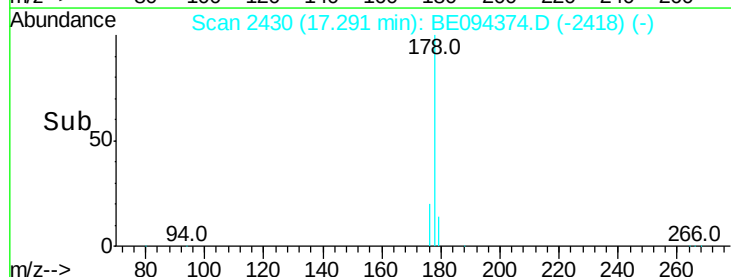
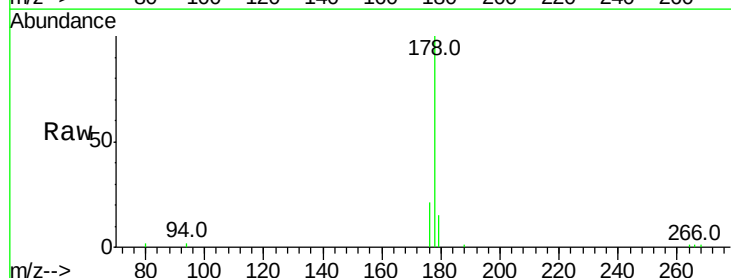
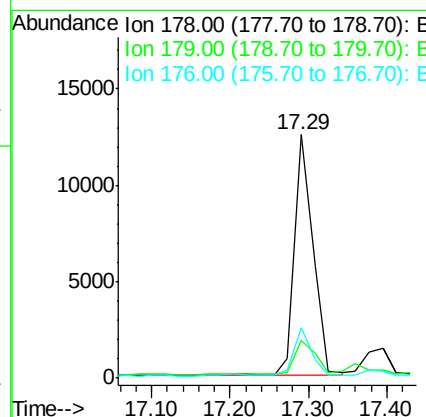
RT: 17.29 min Scan# 2430

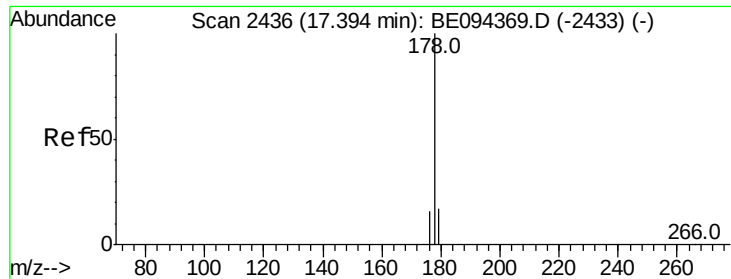
Delta R.T. 0.00 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Tgt Ion:	178	Resp:	20280
Ion Ratio	Lower	Upper	
178	100		
179	15.3	18.4	27.6#
176	20.8	13.6	20.4#





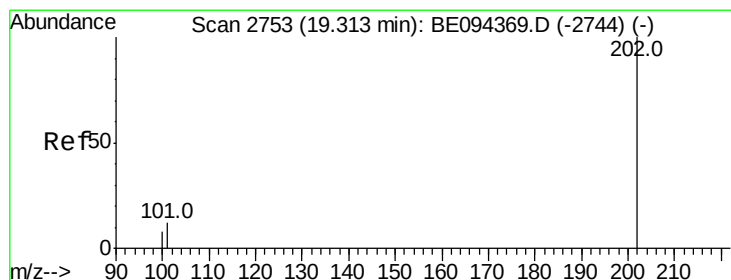
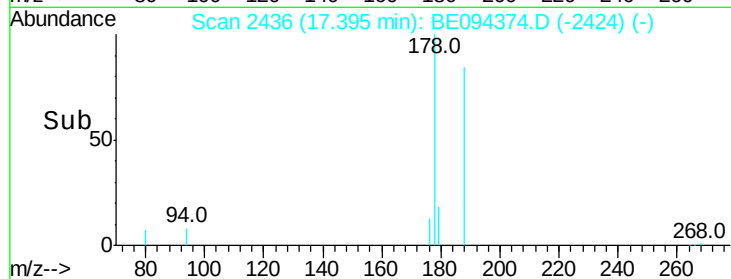
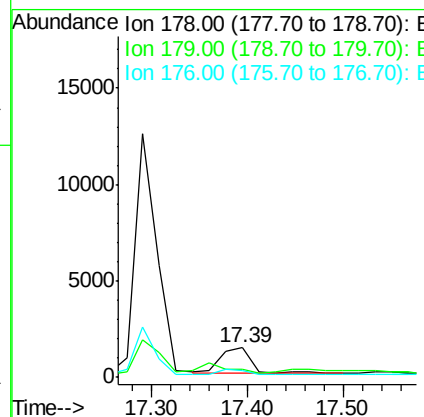
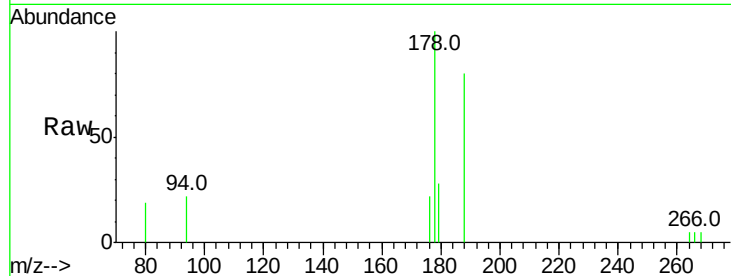
#13
 Anthracene
 Concen: 0.091 ng/ul
 RT: 17.39 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BE094374.D
 Acq: 15 Oct 2017 2:44

Instrument :
 BNA_E
 ClientSampleId :
 C0AB3

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.2	18.1	27.1#
176	21.8	14.7	22.1

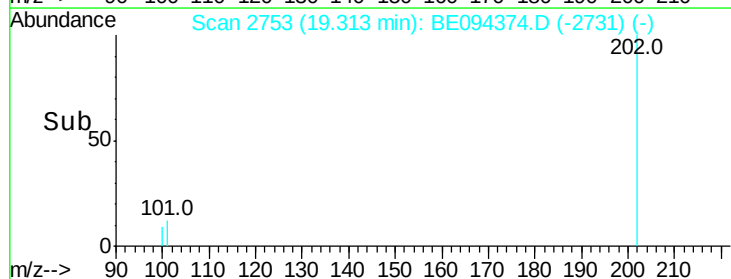
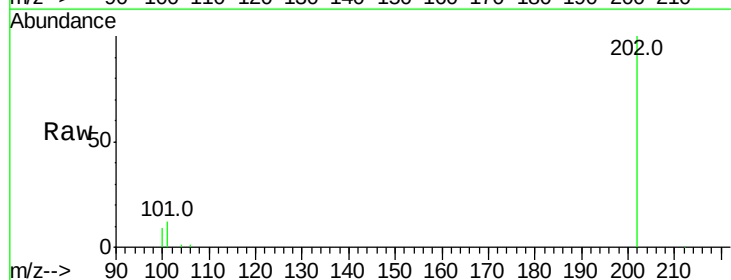
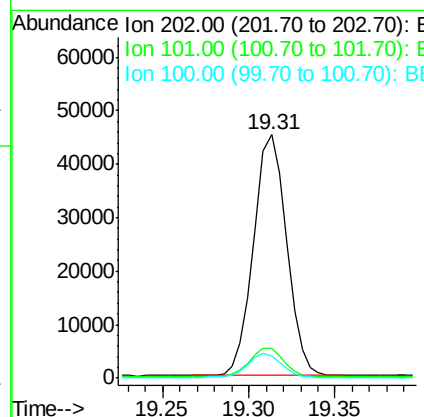
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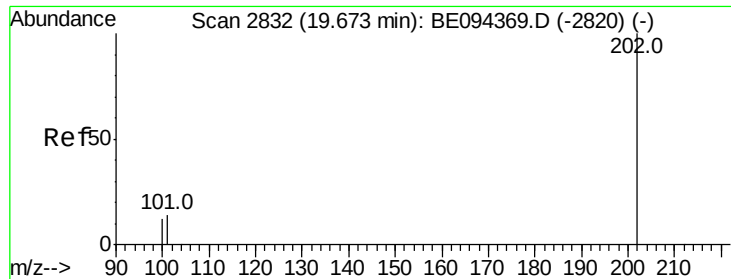
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#15
 Fluoranthene
 Concen: 1.348 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: BE094374.D
 Acq: 15 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.3	0.0	39.5





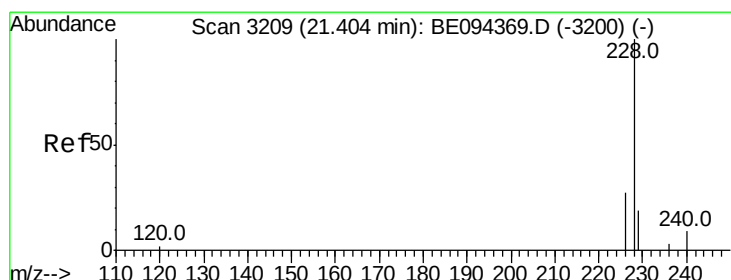
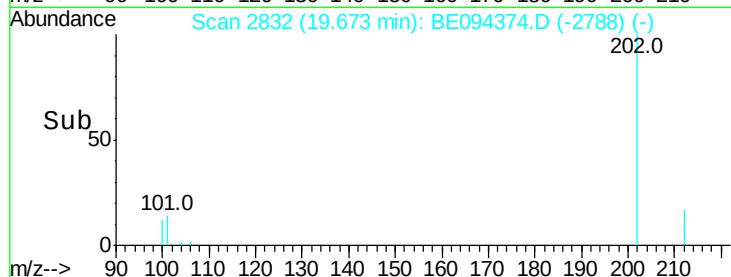
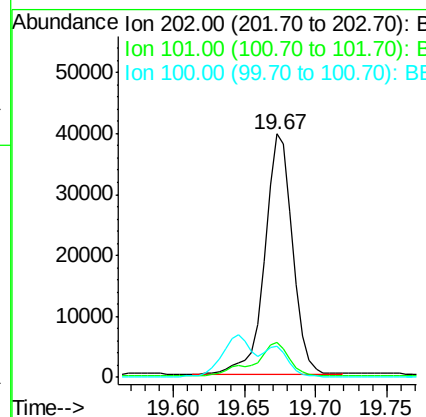
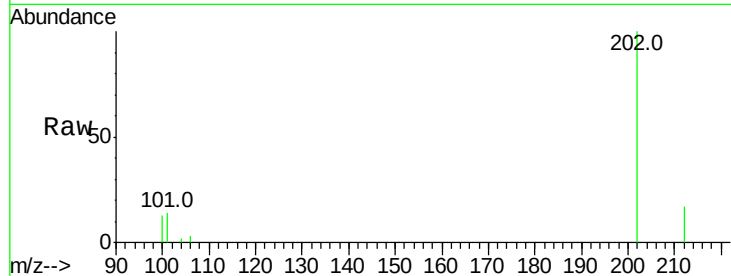
#17
Pvrene
Concen: 1.595 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BE094374.D
Acq: 15 Oct 2017 2:44

Instrument :
BNA_E
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	18.2	27.4#
100	12.5	15.6	23.4#

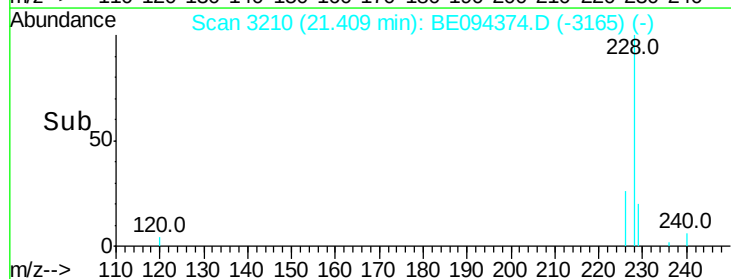
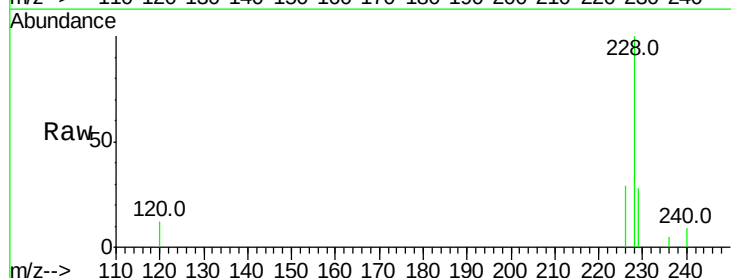
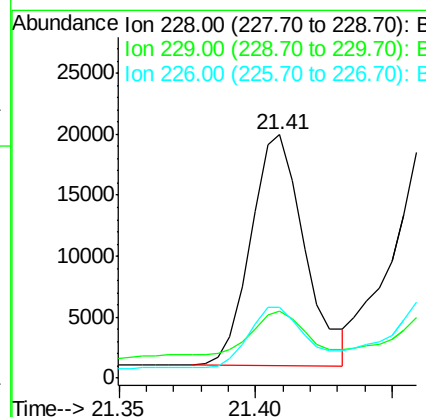
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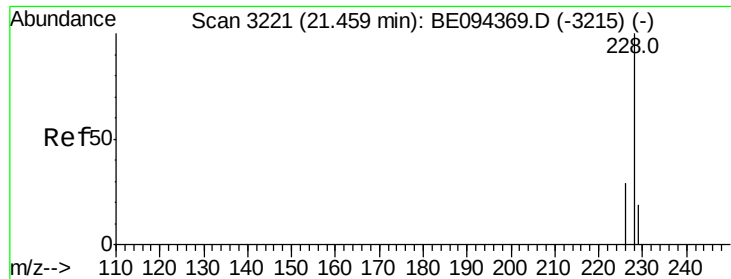
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#18
Benzo(a)anthracene
Concen: 0.814 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094374.D
Acq: 15 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.6	22.8	34.2
226	29.0	17.0	25.6#





#19

Chrysene

Concen: 0.860 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Instrument :

BNA_E

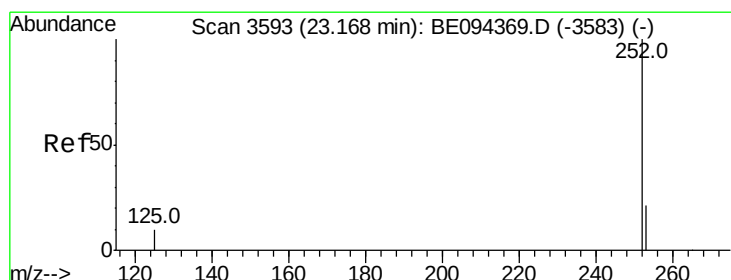
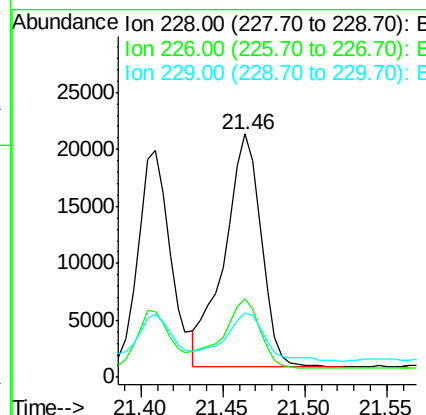
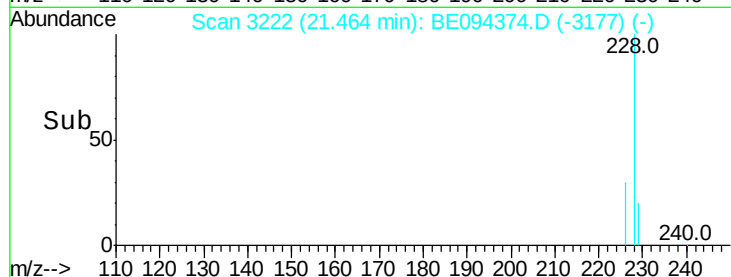
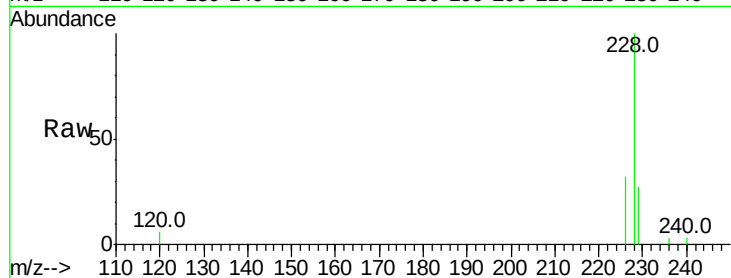
ClientSampled :

C0AB3

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	26.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.097 ng/ul

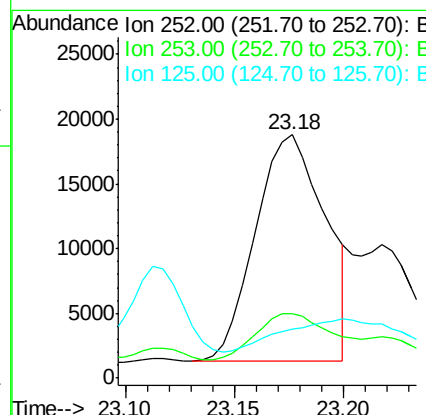
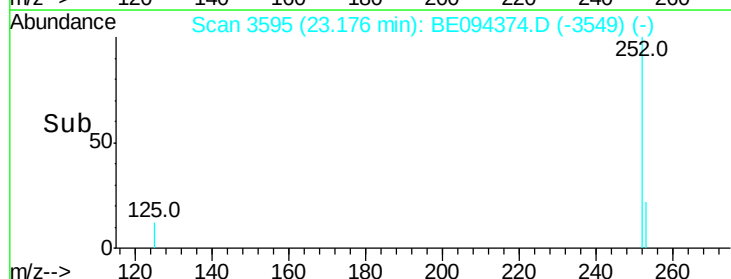
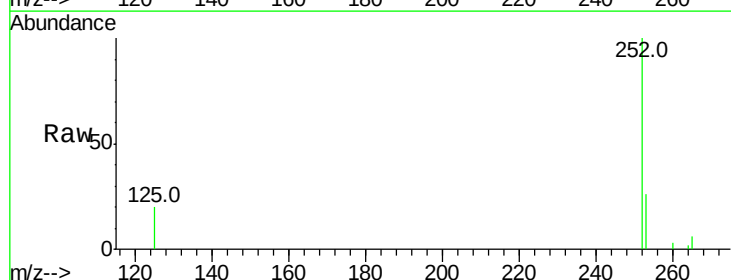
RT: 23.18 min Scan# 3595

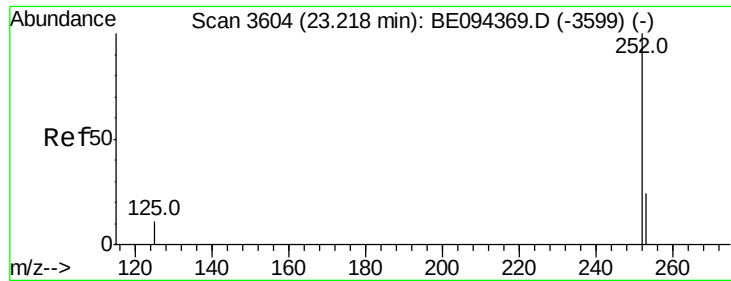
Delta R.T. 0.01 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	64.2
125	20.2	0.0	35.0





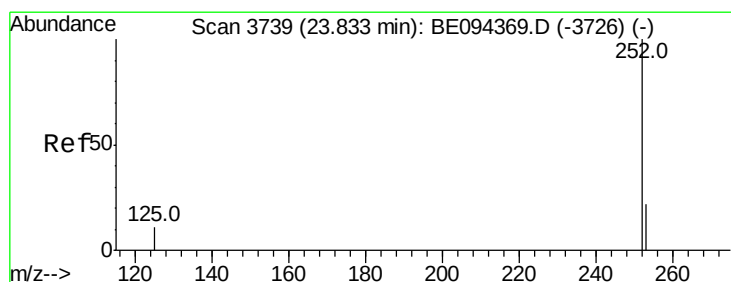
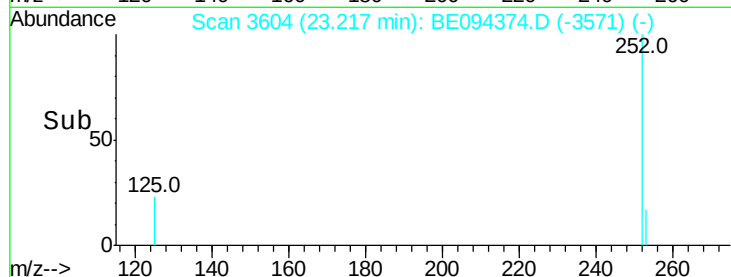
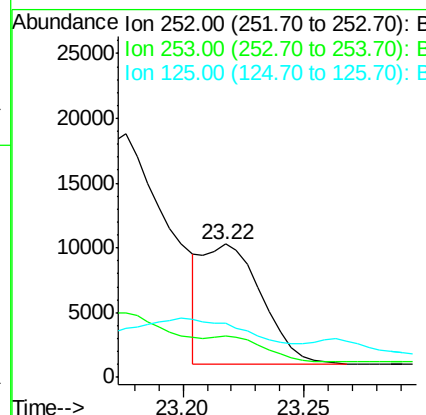
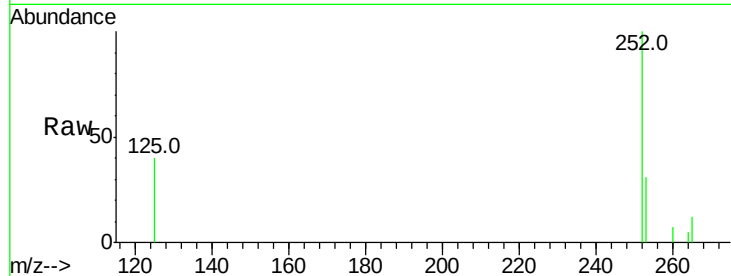
#22
Benzo(k)fluoranthene
Concen: 0.384 ng/ul m
RT: 23.22 min Scan# 3604
Delta R.T. -0.00 min
Lab File: BE094374.D
Acq: 15 Oct 2017 2:44

Instrument :
BNA_E
ClientSampleId :
C0AB3

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.9	24.5	36.7
125	40.3	13.7	20.5

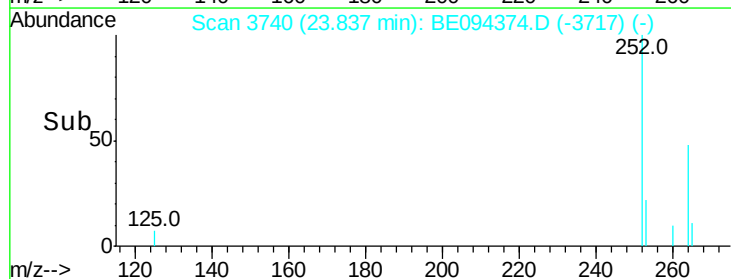
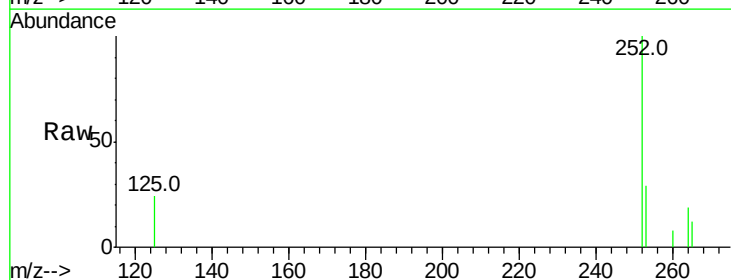
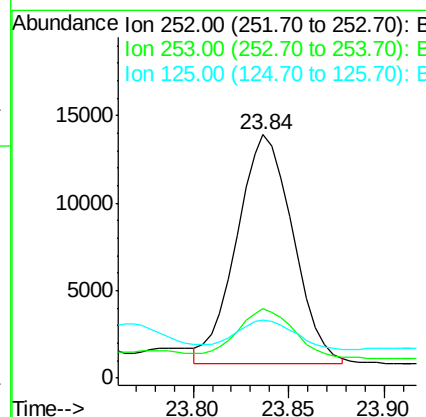
Manual Integrations
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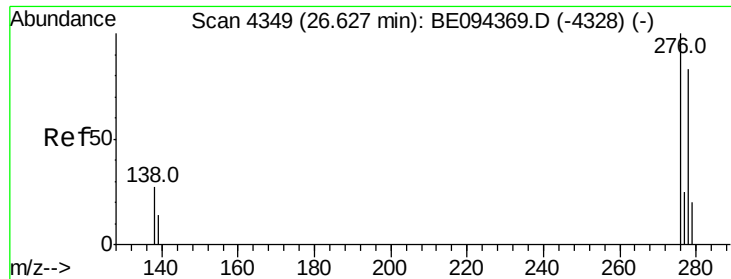
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#23
Benzo(a)pyrene
Concen: 0.723 ng/ul m
RT: 23.84 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BE094374.D
Acq: 15 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	28.5	42.7
125	24.0	18.1	27.1





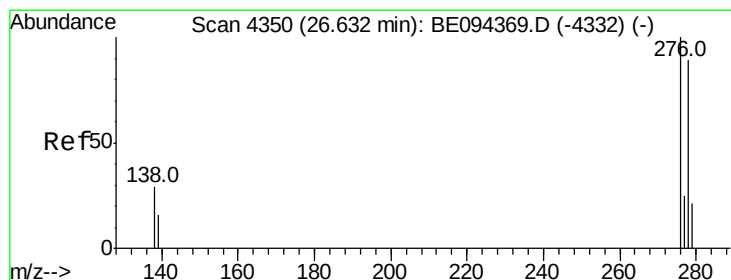
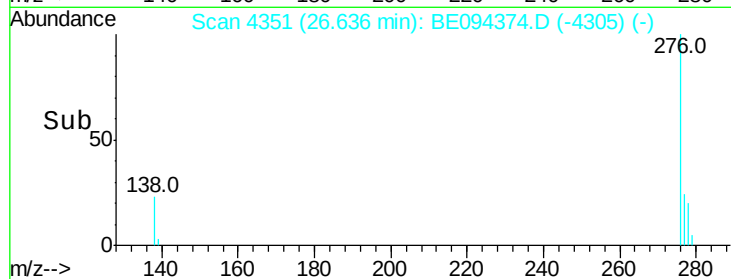
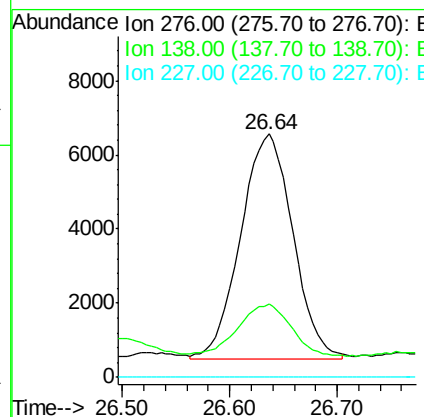
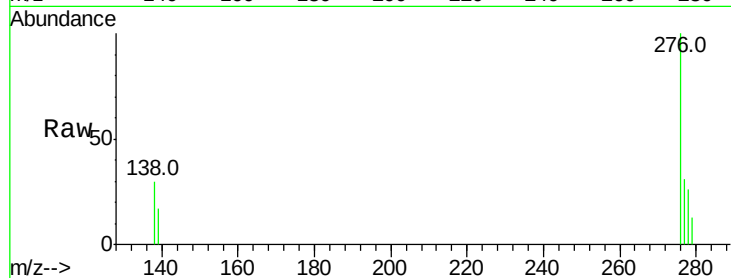
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.544 ng/ul m
 RT: 26.64 min Scan# 4351
 Delta R.T. 0.01 min
 Lab File: BE094374.D
 Acq: 15 Oct 2017 2:44

Instrument :
 BNA_E
 ClientSampleId :
 C0AB3

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

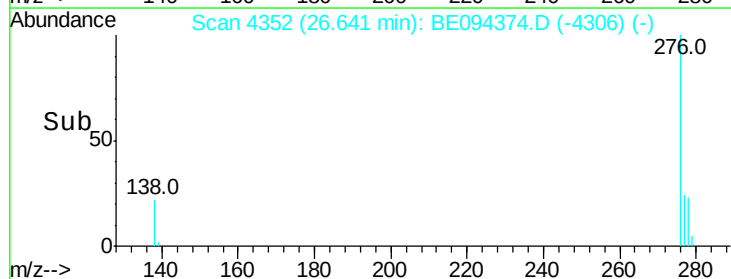
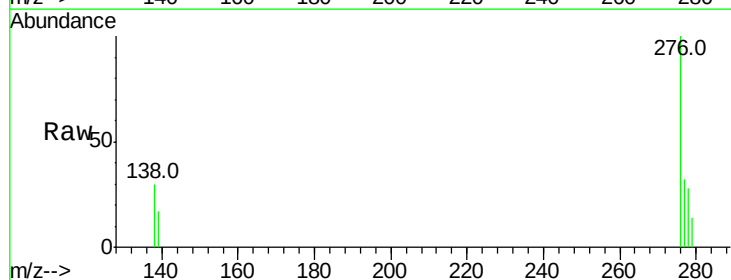
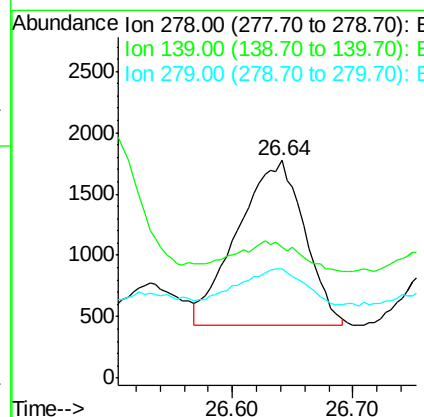
Manual Integrations
 APPROVED

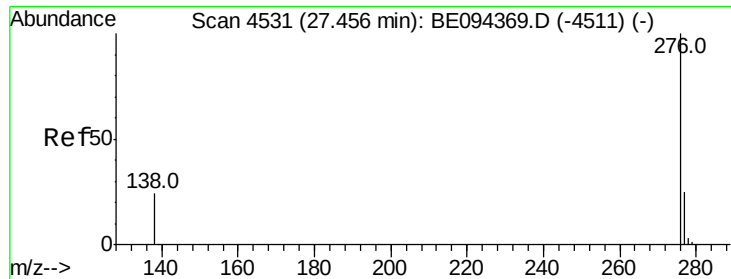
Sohil
 10/16/2017 8:25:36 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.164 ng/ul m
 RT: 26.64 min Scan# 4352
 Delta R.T. 0.01 min
 Lab File: BE094374.D
 Acq: 15 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	60.2	17.4	26.0#
279	50.5	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.515 ng/ul m

RT: 27.47 min Scan# 4534

Delta R.T. 0.01 min

Lab File: BE094374.D

Acq: 15 Oct 2017 2:44

Instrument :

BNA_E

ClientSampleId :

C0AB3

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.8
277	32.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:25:36 PM

