

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094400.D
 Acq On : 15 Oct 2017 19:23
 Operator : SJ/JU
 Sample : I5548-22
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:33 PM

Quant Time: Oct 16 08:05:56 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 07:45:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9669	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6112	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12798	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11969	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11626m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3230	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	7588	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	6430	0.272	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	6720	0.437	ng/ul	98
7) Acenaphthylene	14.25	152	10890	0.457	ng/ul	99
8) Acenaphthene	14.58	153	6776	0.345	ng/ul	97
9) Fluorene	15.57	166	8681	0.378	ng/ul	94
12) Phenanthrene	17.29	178	182454m	5.456	ng/ul	
13) Anthracene	17.40	178	50707	1.559	ng/ul	94
15) Fluoranthene	19.31	202	486333	11.067	ng/ul	84
17) Pyrene	19.68	202	458500	13.768	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	278163	8.760	ng/ul#	87
19) Chrysene	21.46	228	264218	7.206	ng/ul	97
21) Benzo(b)fluoranthene	23.19	252	343196	10.867	ng/ul	89
22) Benzo(k)fluoranthene	23.23	252	120899m	3.312	ng/ul	
23) Benzo(a)pyrene	23.85	252	258872m	7.888	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.66	276	173238m	5.160	ng/ul	
25) Dibenzo(a,h)anthracene	26.65	278	47316m	1.680	ng/ul	
26) Benzo(a,h,i)perylene	27.51	276	176897m	6.109	ng/ul	

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

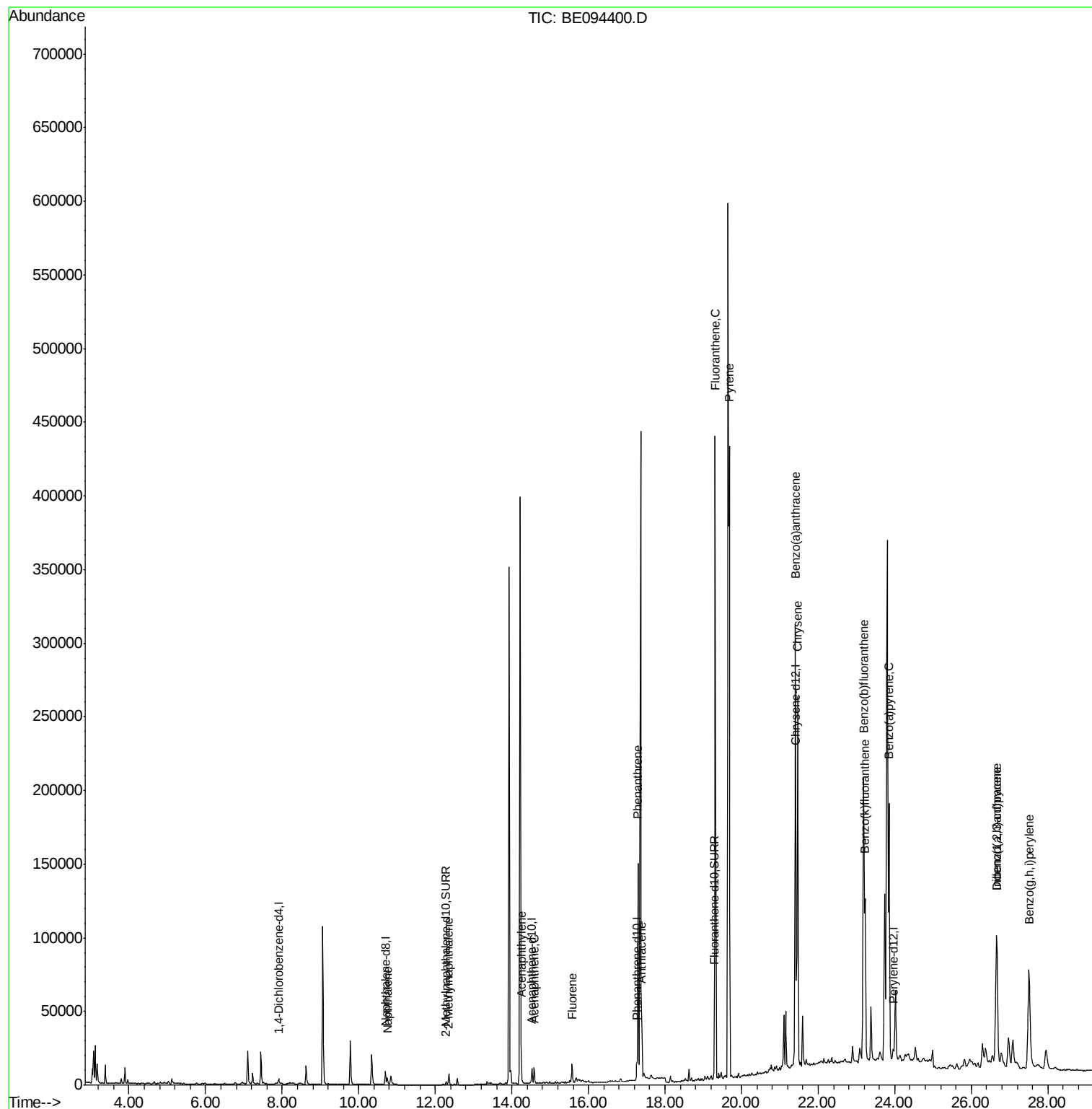
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094400.D
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ALS Vial : 46 Sample Multiplier: 1

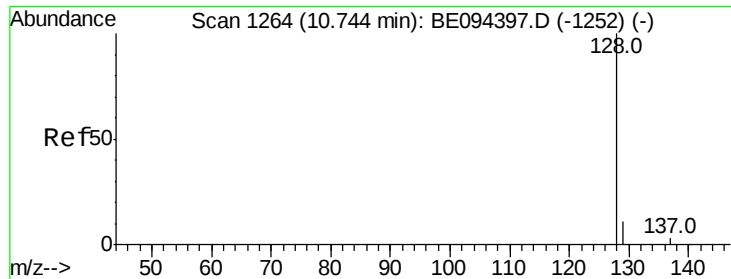
Instrument :
BNA_E
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C0AE8

Manual Integrations
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Quant Time: Oct 16 08:05:56 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.272 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

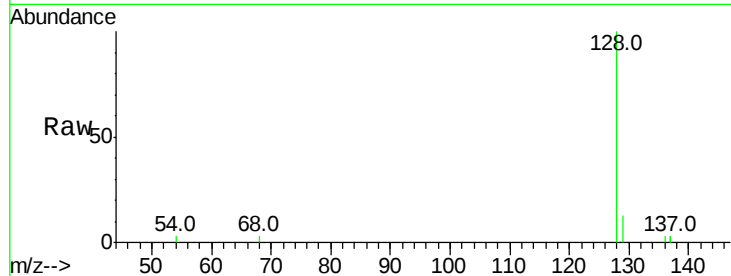
ClientSampleId :

C0AE8

Tot Ion:128	Resp:	6430
Ion Ratio	Lower	Upper
128 100		
129 13.3	11.3	16.9
127 0.0	4.0	6.0#

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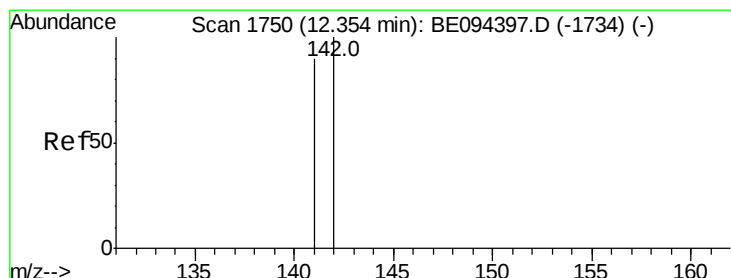
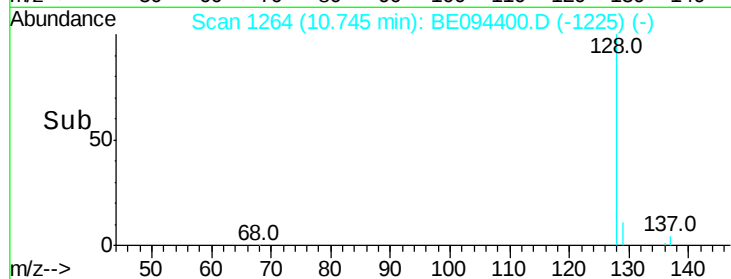
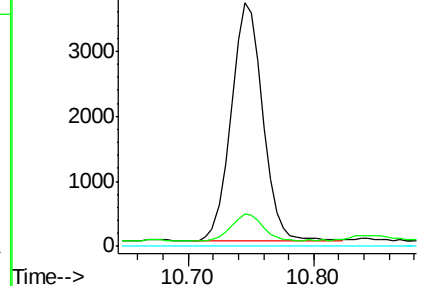
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.437 ng/ul

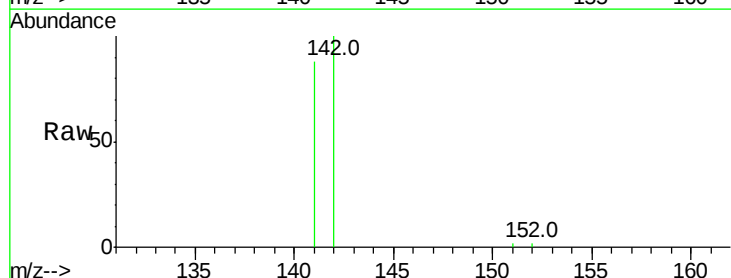
RT: 12.35 min Scan# 1750

Delta R.T. 0.00 min

Lab File: BE094400.D

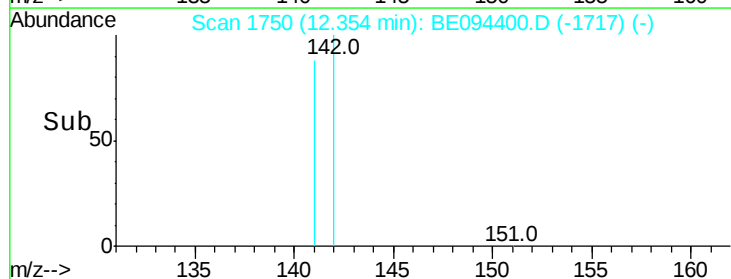
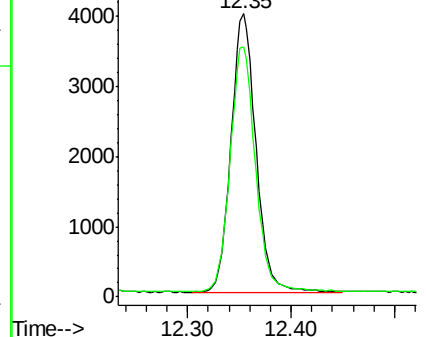
Acq: 15 Oct 2017 19:23

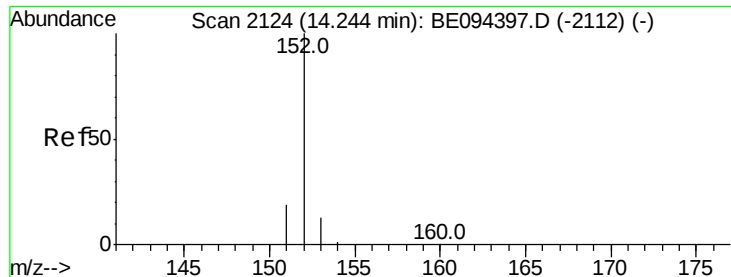
Tgt Ion:142	Resp:	6720
Ion Ratio	Lower	Upper
142 100		
141 89.0	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.457 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

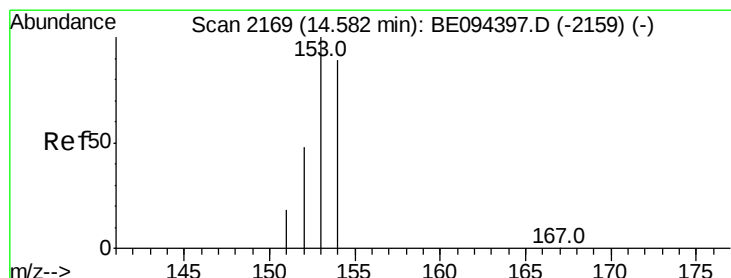
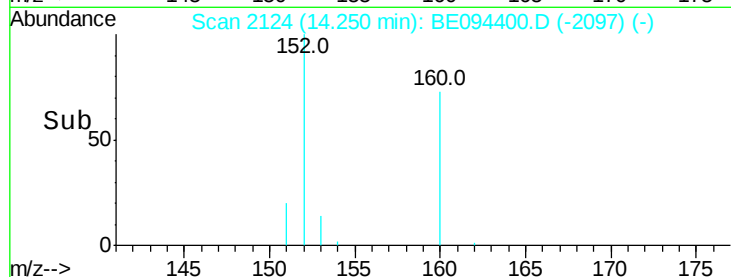
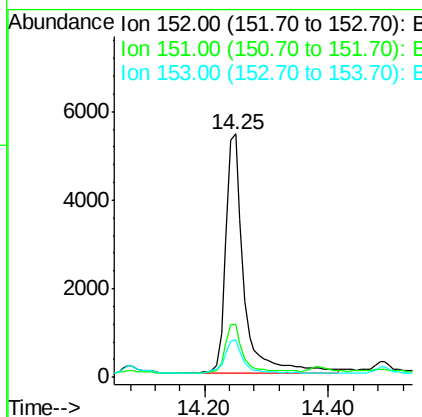
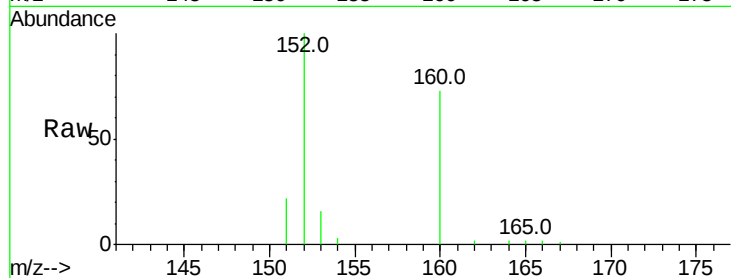
ClientSampleId :

C0AE8

Tot Ion:	152	Resp:	10890
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.1	25.7
153	15.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.345 ng/ul

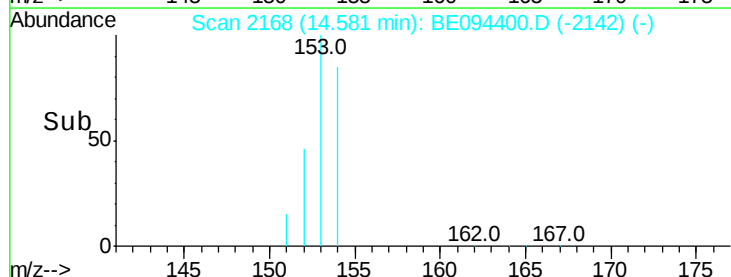
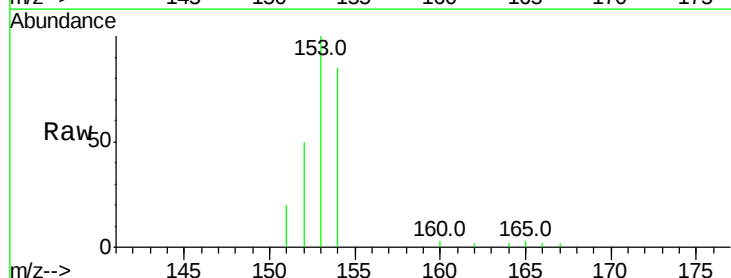
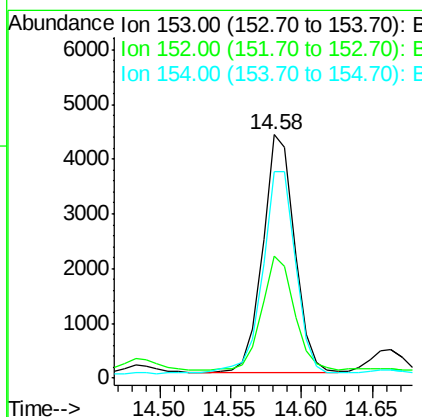
RT: 14.58 min Scan# 2168

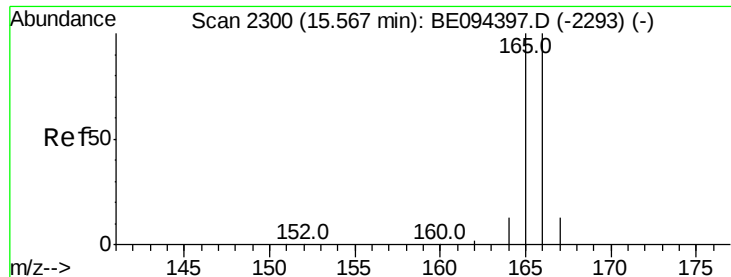
Delta R.T. -0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Tgt Ion:	153	Resp:	6776
Ion Ratio	Lower	Upper	
153	100		
152	50.1	40.3	60.5
154	85.1	71.4	107.2





#9

Fluorene

Concen: 0.378 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.01 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

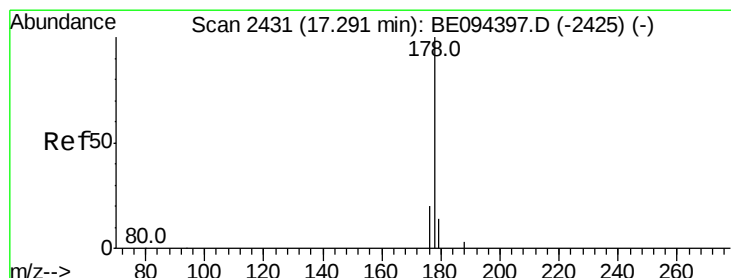
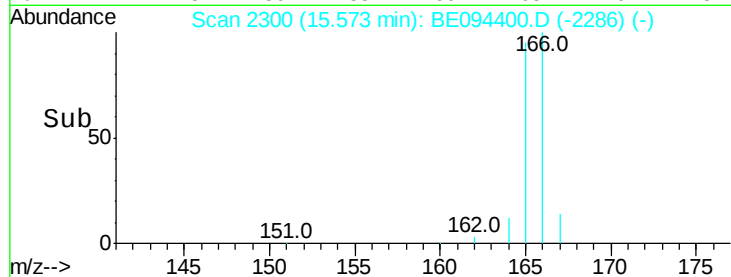
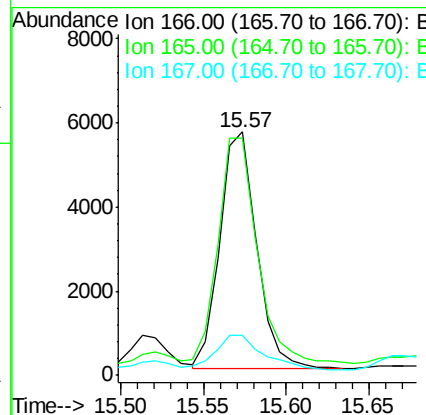
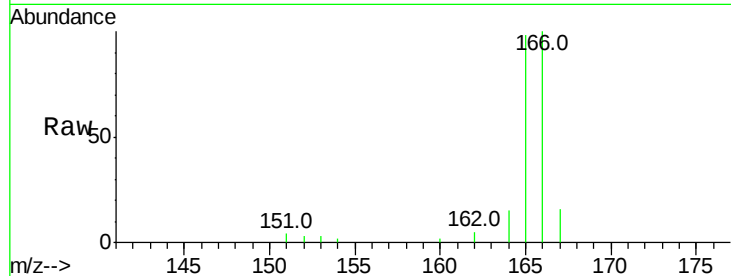
ClientSampleId :

C0AE8

Tot Ion:	166	Resp:	8681
Ion Ratio	Lower	Upper	
166	100		
165	97.5	73.4	110.2
167	16.2	14.6	22.0

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#12

Phenanthrene

Concen: 5.456 ng/ul m

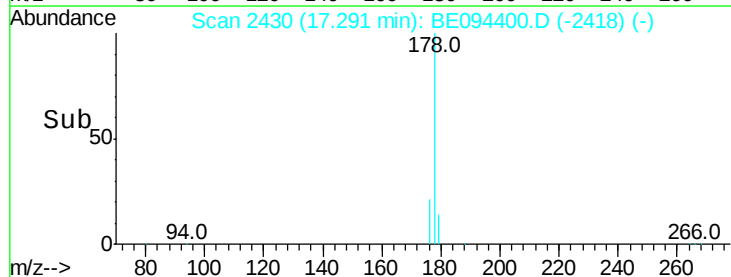
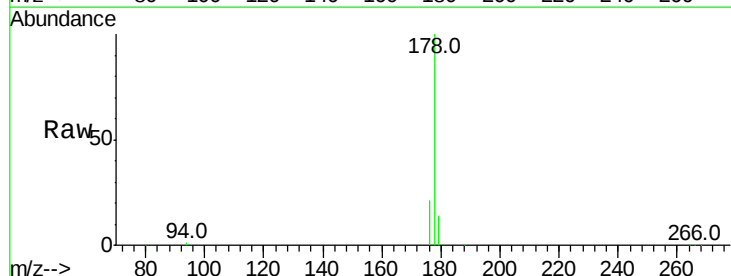
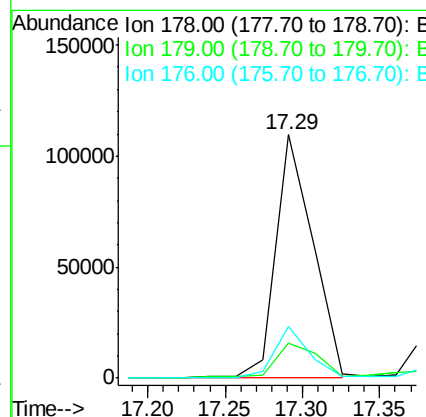
RT: 17.29 min Scan# 2430

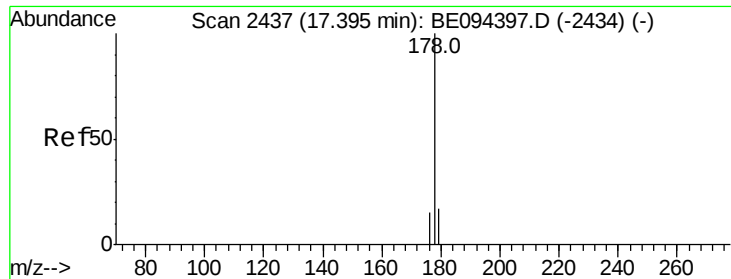
Delta R.T. 0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Tgt Ion:	178	Resp:	182454
Ion Ratio	Lower	Upper	
178	100		
179	14.3	18.4	27.6#
176	21.2	13.6	20.4#





#13

Anthracene

Concen: 1.559 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

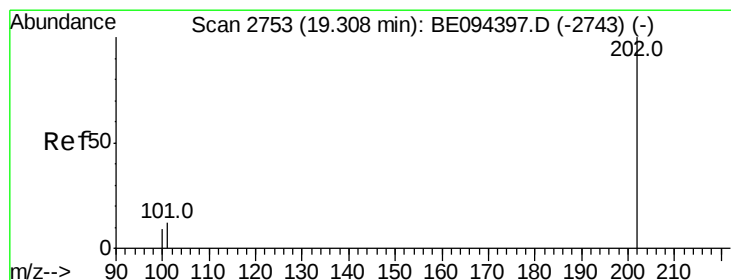
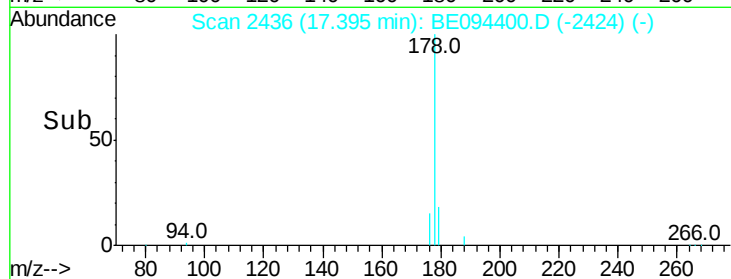
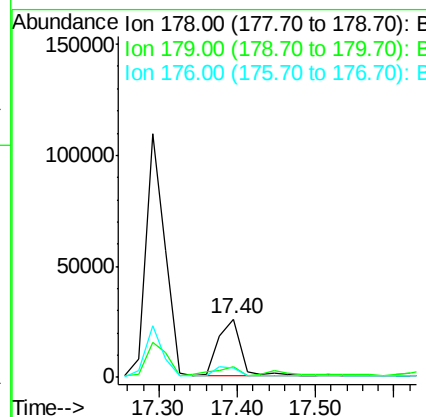
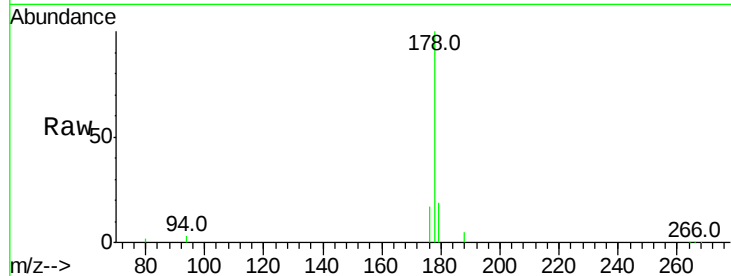
ClientSampled :

C0AE8

Tot Ion:	178	Resp:	50707
Ion Ratio	Lower	Upper	
178	100		
179	19.1	18.1	27.1
176	16.7	14.7	22.1

Manual Integrations
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#15

Fluoranthene

Concen: 11.067 ng/ul

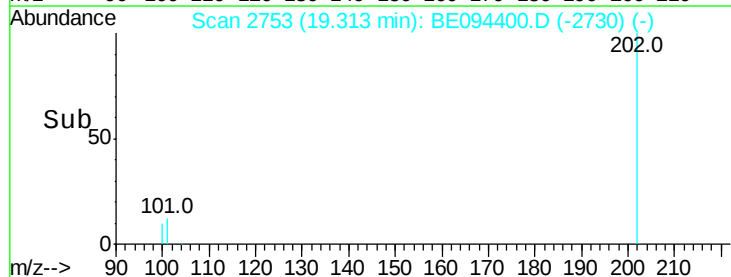
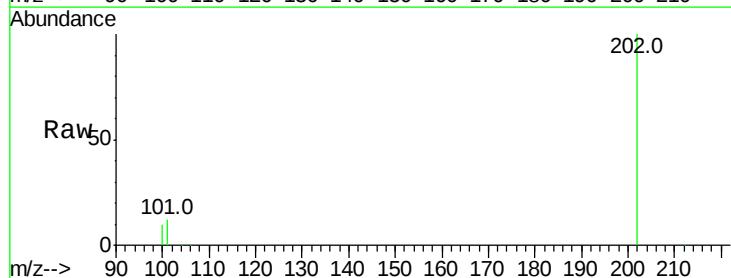
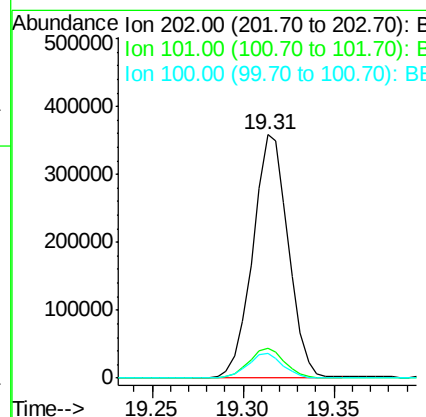
RT: 19.31 min Scan# 2753

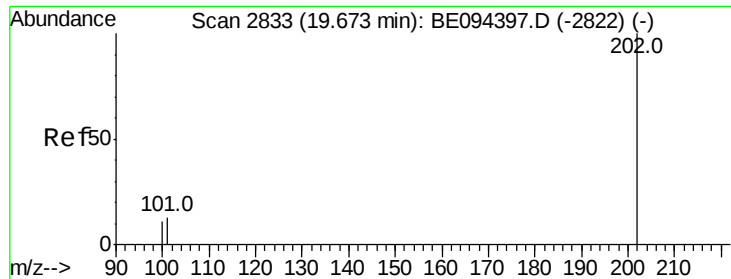
Delta R.T. 0.01 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Tgt Ion:	202	Resp:	486333
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.3
100	10.0	0.0	39.5





#17

Pvrene

Concen: 13.768 ng/ul

RT: 19.68 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

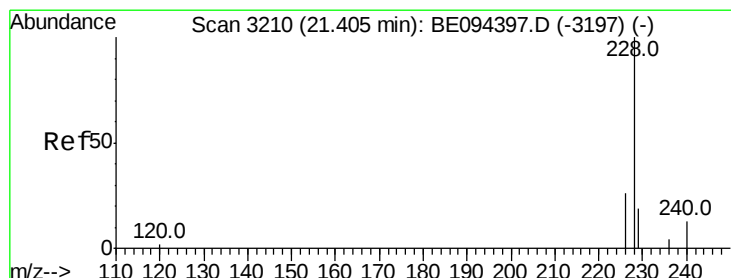
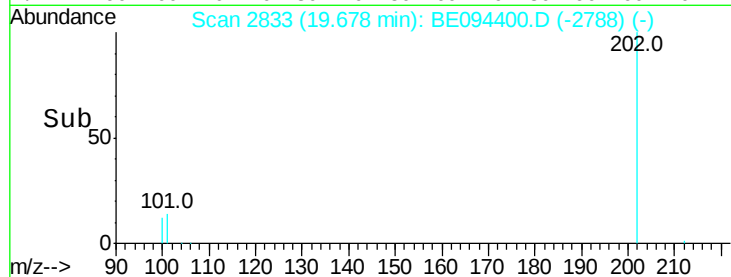
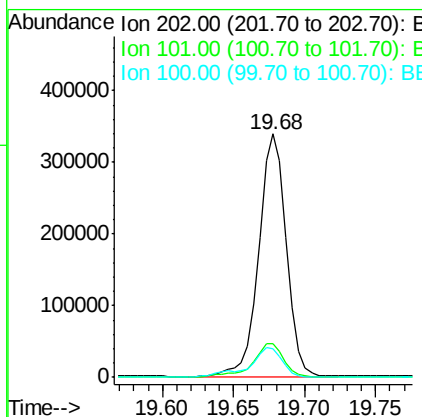
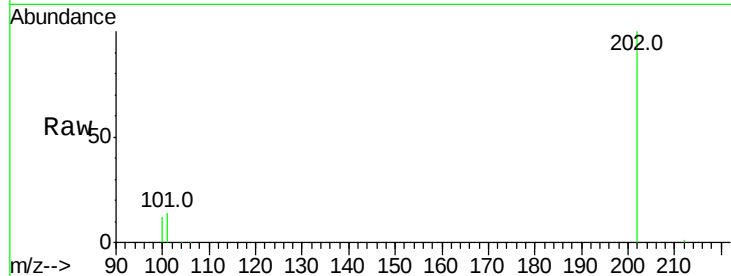
ClientSampleId :

C0AE8

Tot Ion:	202	Resp:	458500
Ion Ratio	Lower	Upper	
202	100		
101	13.8	18.2	27.4#
100	11.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 8.760 ng/ul

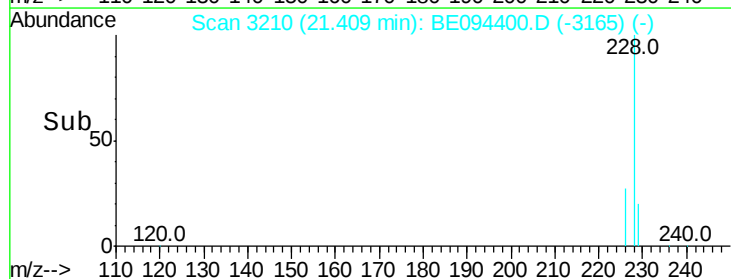
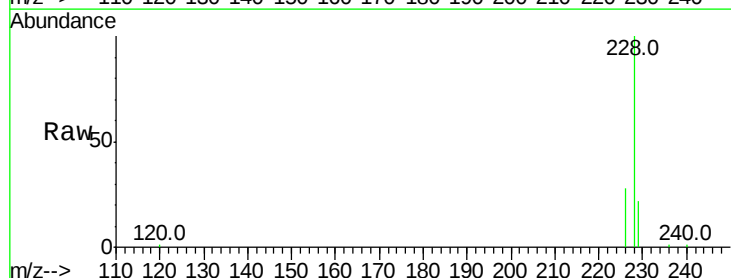
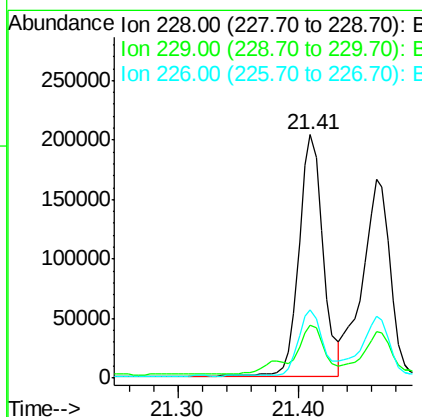
RT: 21.41 min Scan# 3210

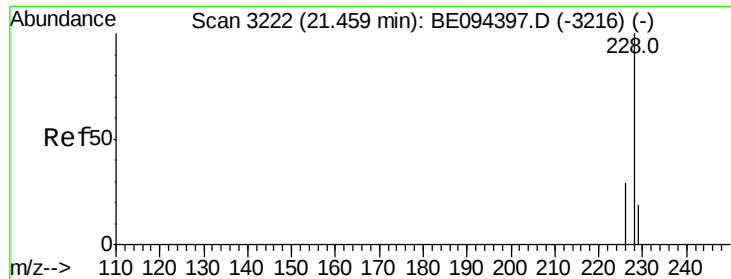
Delta R.T. 0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Tgt Ion:	228	Resp:	278163
Ion Ratio	Lower	Upper	
228	100		
229	21.8	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 7.206 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

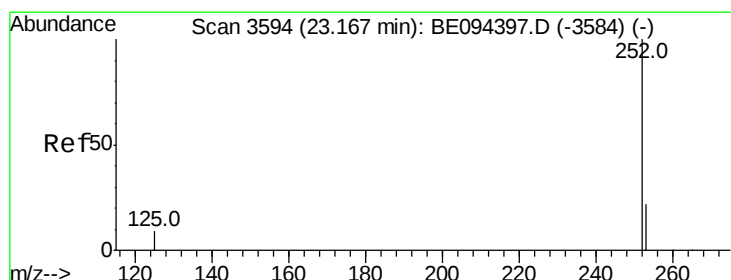
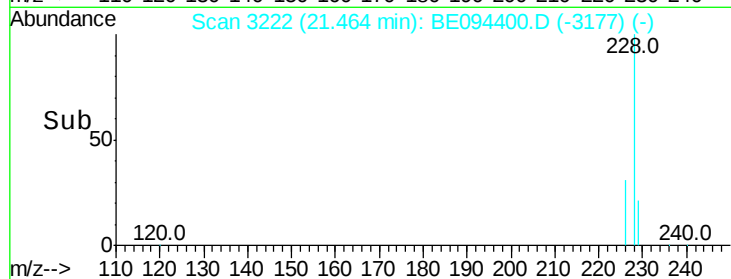
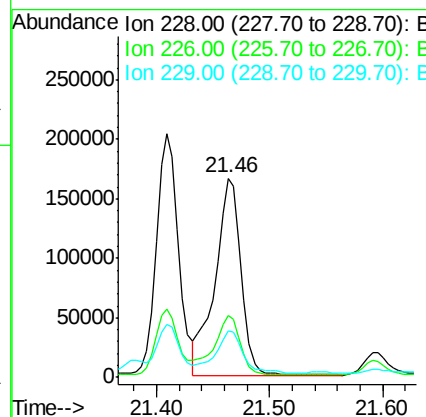
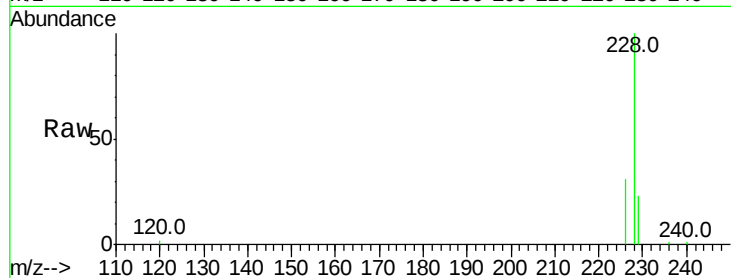
ClientSampled :

C0AE8

Tot Ion:228	Resp:	264218
Ion Ratio	Lower	Upper
228 100		
226 31.3	23.4	35.0
229 23.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 10.867 ng/ul

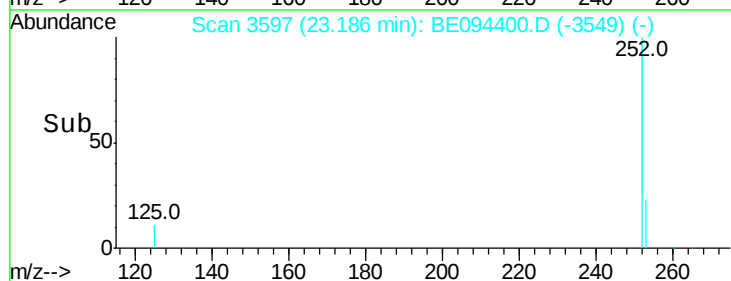
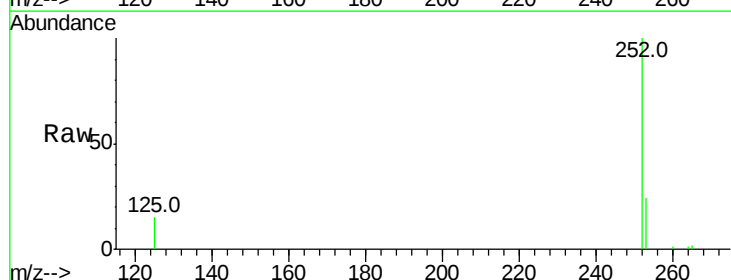
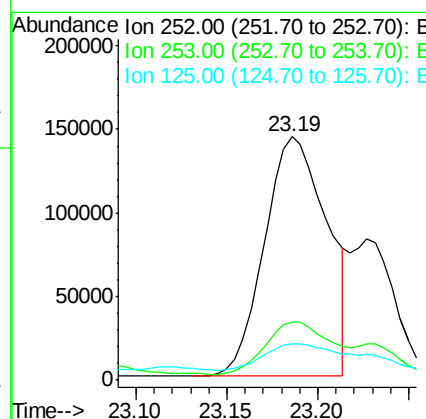
RT: 23.19 min Scan# 3597

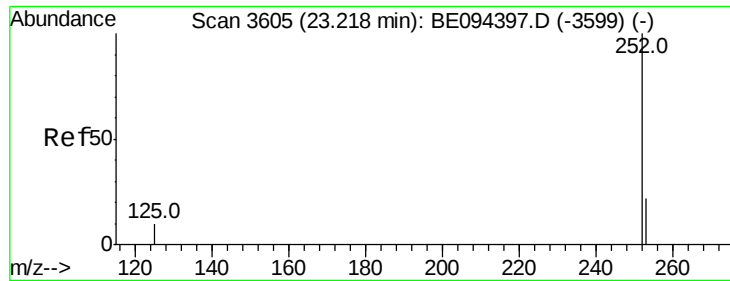
Delta R.T. 0.02 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Tgt Ion:252	Resp:	343196
Ion Ratio	Lower	Upper
252 100		
253 24.1	0.0	64.2
125 15.1	0.0	35.0





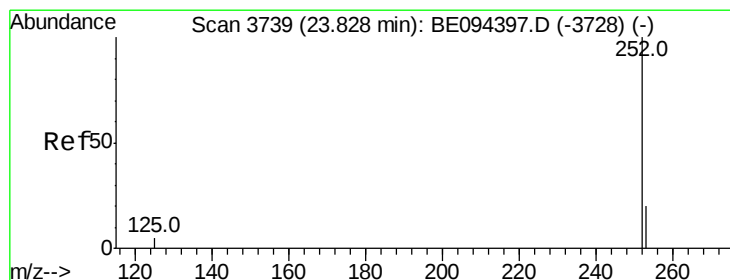
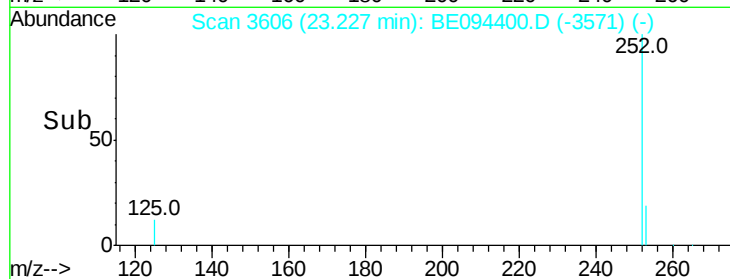
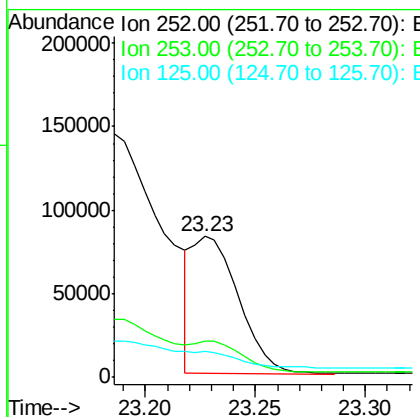
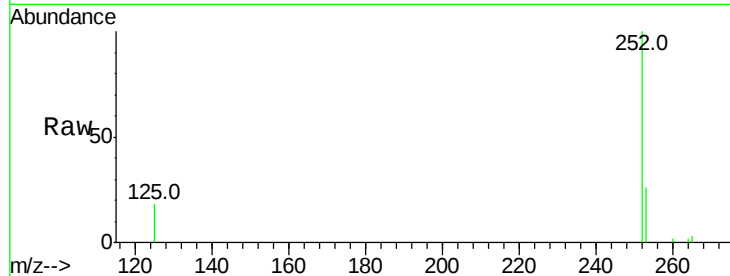
#22
Benzo(k)fluoranthene
Concen: 3.312 ng/ul m
RT: 23.23 min Scan# 3606
Delta R.T. 0.01 min
Lab File: BE094400.D
Acq: 15 Oct 2017 19:23

Instrument :
BNA_E
ClientSampleId :
C0AE8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.5	36.7
125	18.2	13.7	20.5

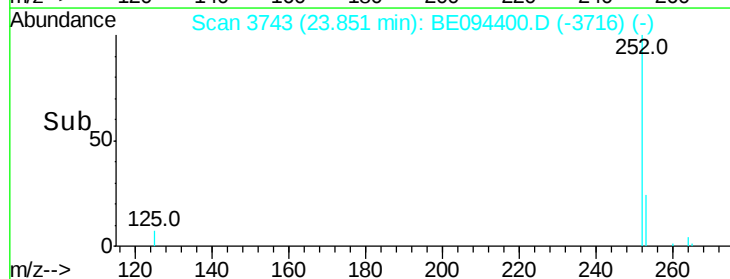
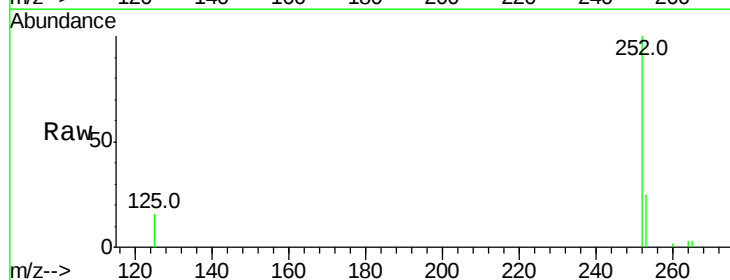
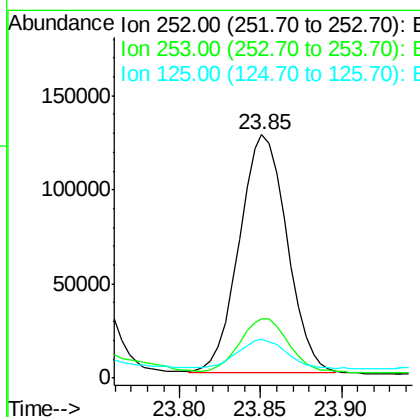
Manual Integrations
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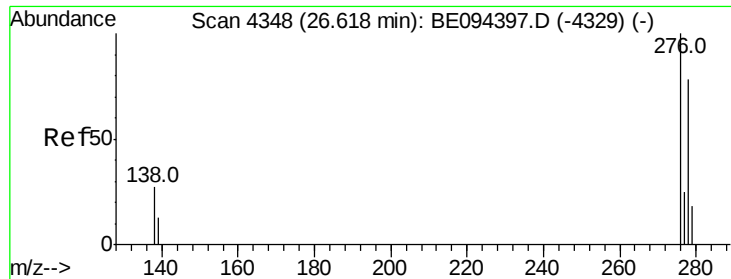
Sohil
10/16/2017 8:26:33 PM



#23
Benzo(a)pyrene
Concen: 7.888 ng/ul m
RT: 23.85 min Scan# 3743
Delta R.T. 0.02 min
Lab File: BE094400.D
Acq: 15 Oct 2017 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	28.5	42.7#
125	15.8	18.1	27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 5.160 ng/ul m

RT: 26.66 min Scan# 4357

Delta R.T. 0.05 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

C0AE8

Tot Ion:276 Resp: 173238

Ion Ratio Lower Upper

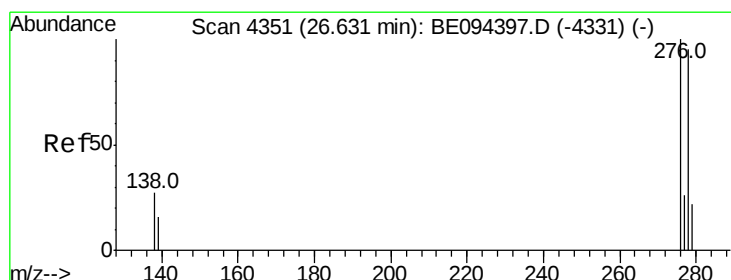
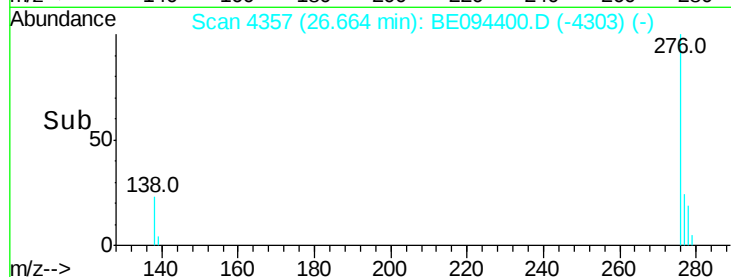
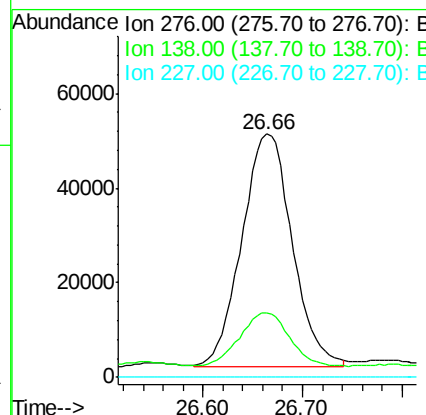
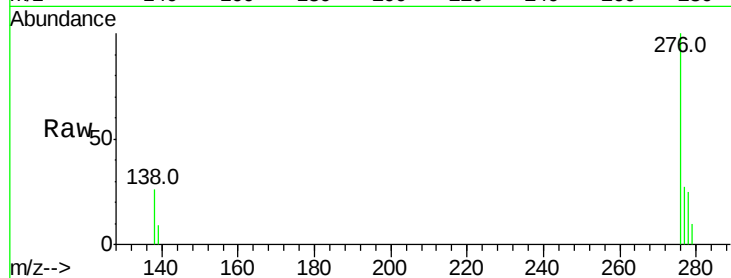
276 100

138 0.6 28.0 42.0#

227 0.0 8.0 12.0#

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 1.680 ng/ul m

RT: 26.65 min Scan# 4355

Delta R.T. 0.02 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

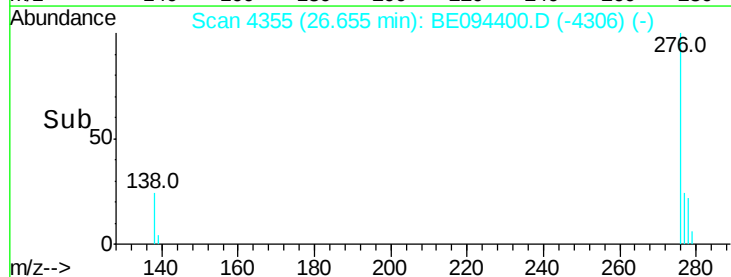
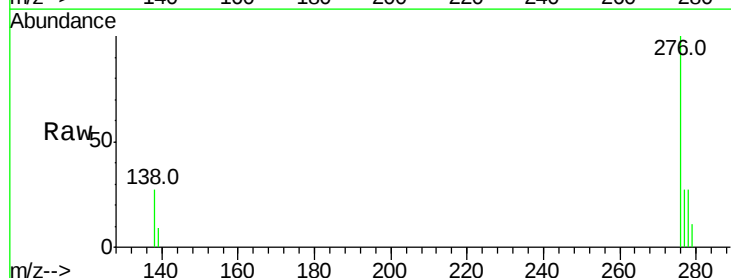
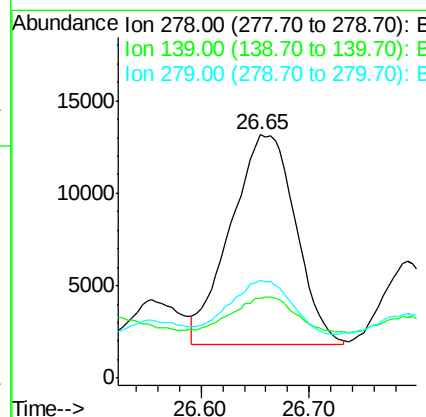
Tgt Ion:278 Resp: 47316

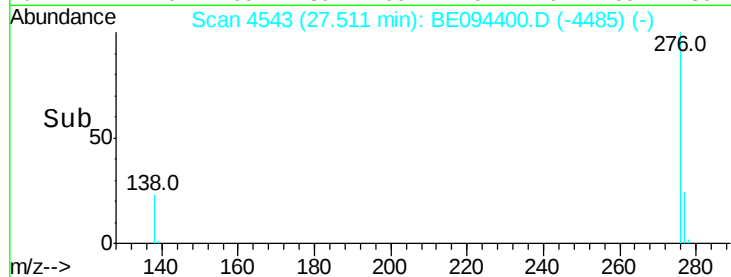
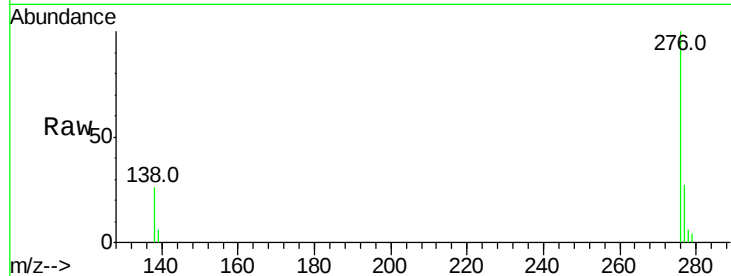
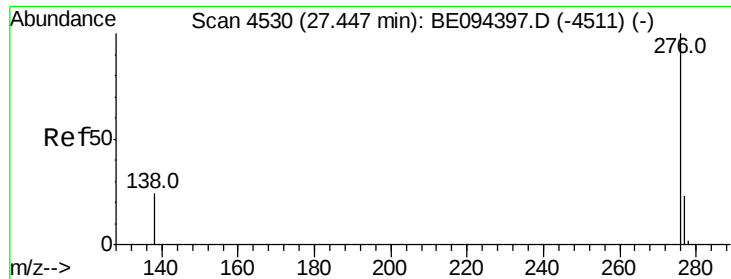
Ion Ratio Lower Upper

278 100

139 32.9 17.4 26.0#

279 40.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 6.109 ng/ul m

RT: 27.51 min Scan# 4543

Delta R.T. 0.06 min

Lab File: BE094400.D

Acq: 15 Oct 2017 19:23

Instrument :

BNA_E

ClientSampleId :

C0AE8

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.8	32.8
277	27.3	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:33 PM

