

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094399.D
 Acq On : 15 Oct 2017 18:45
 Operator : SJ/JU
 Sample : I5548-05DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6DL

Manual Integrations
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Quant Time: Oct 16 08:02:28 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	2023	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5944	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13035	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12562	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11780	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	828	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1997	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5617	0.221	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	3405	0.206	ng/ul	97
7) Acenaphthylene	14.24	152	5825	0.251	ng/ul	99
8) Acenaphthene	14.58	153	6849	0.359	ng/ul	96
9) Fluorene	15.57	166	8901	0.398	ng/ul	92
12) Phenanthrene	17.29	178	151247	4.440	ng/ul#	87
13) Anthracene	17.38	178	31859	0.962	ng/ul#	89
15) Fluoranthene	19.31	202	219733	4.909	ng/ul	84
17) Pyrene	19.67	202	199619	5.711	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	104931	3.149	ng/ul#	87
19) Chrysene	21.46	228	108854	2.828	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	126710m	3.960	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	46042m	1.245	ng/ul	
23) Benzo(a)pyrene	23.84	252	93826	2.822	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.64	276	63108	1.855	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.64	278	18289	0.641	ng/ul#	73
26) Benzo(a,h,i)perylene	27.48	276	58413	1.991	ng/ul	94

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

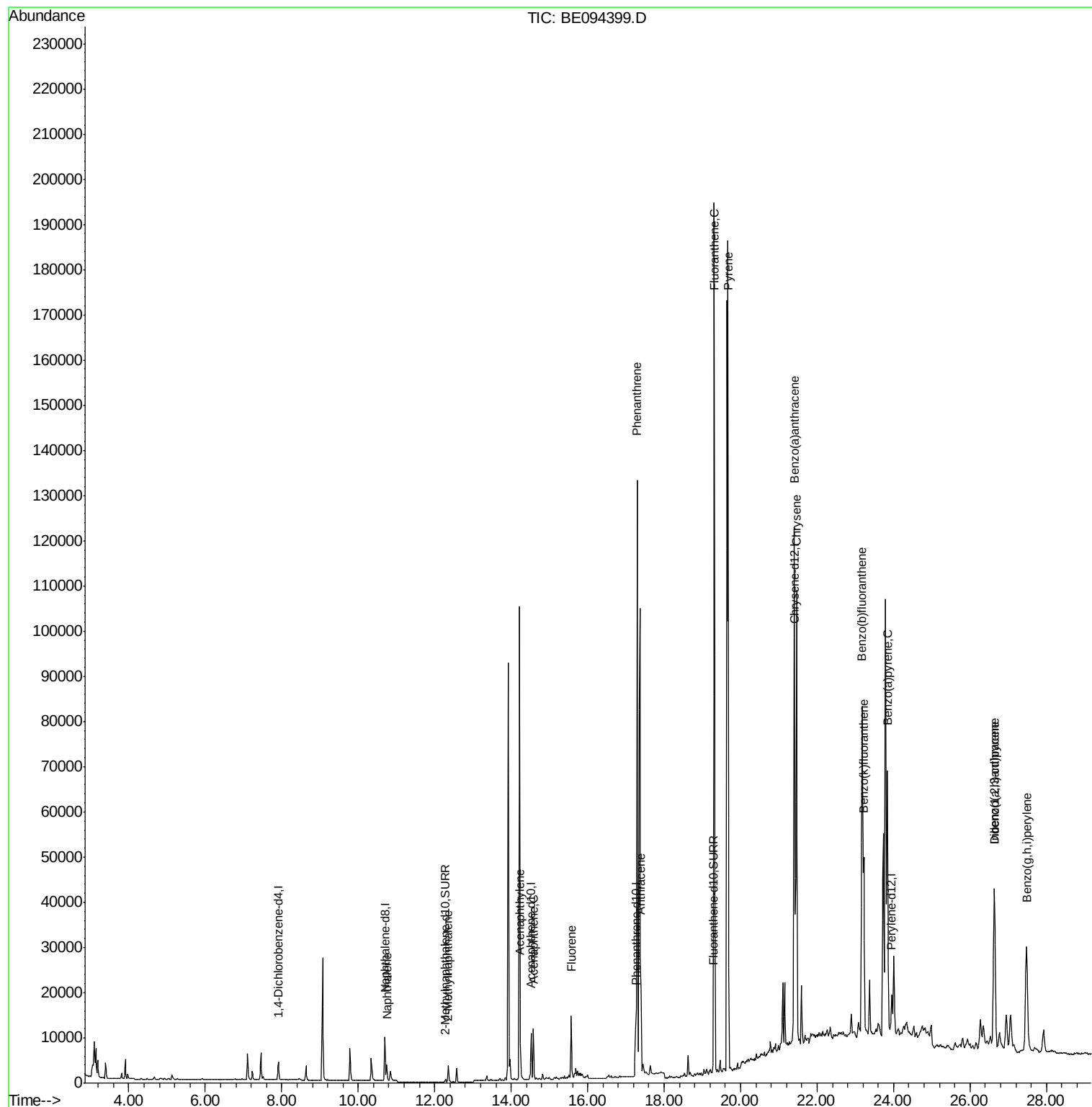
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094399.D
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ALS Vial : 45 Sample Multiplier: 1

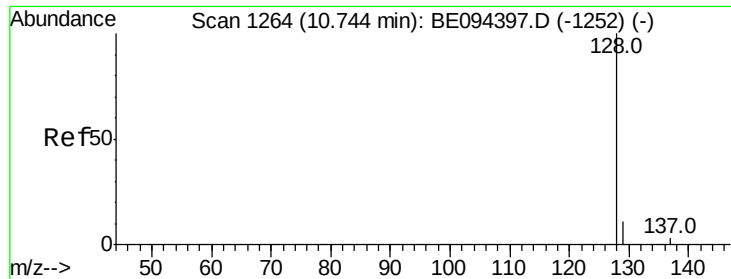
Instrument :
BNA_E
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#3

Naphthalene

Concen: 0.221 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

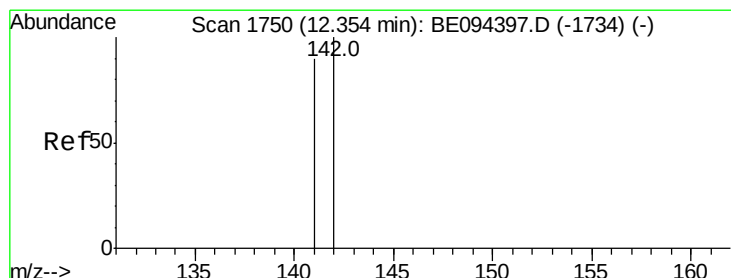
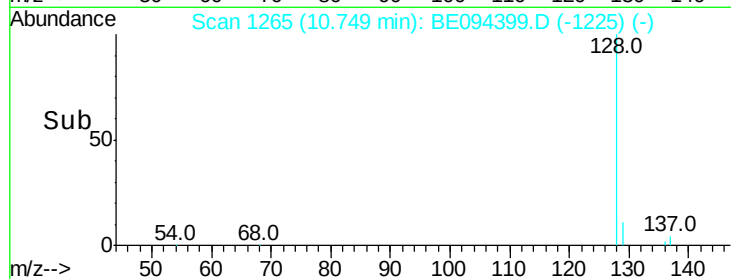
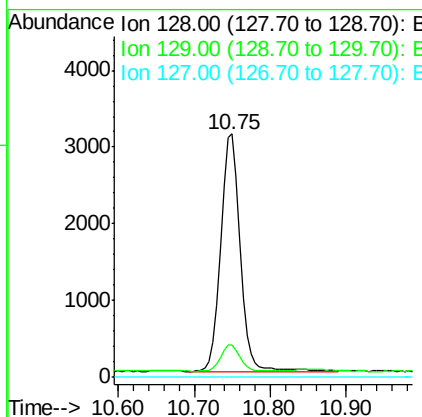
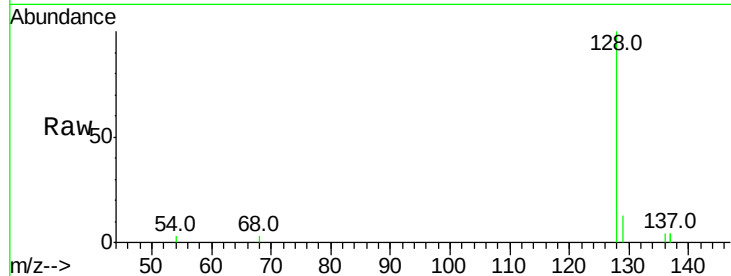
ClientSampleId :

C0AB6DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.206 ng/ul

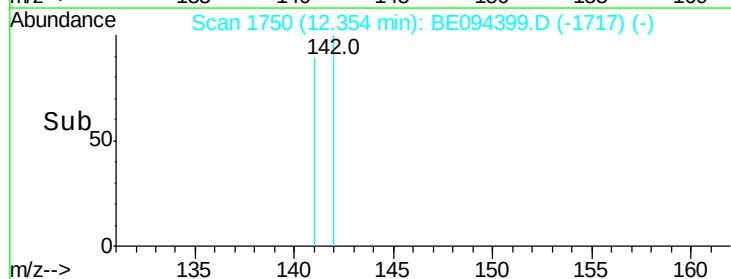
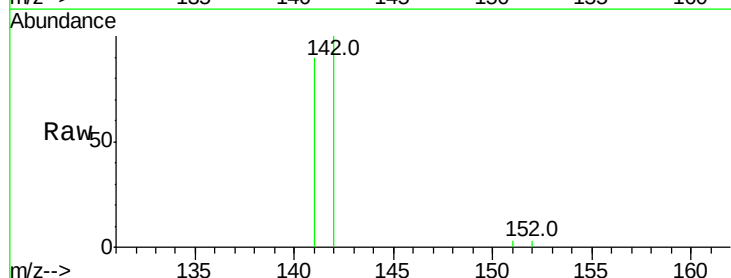
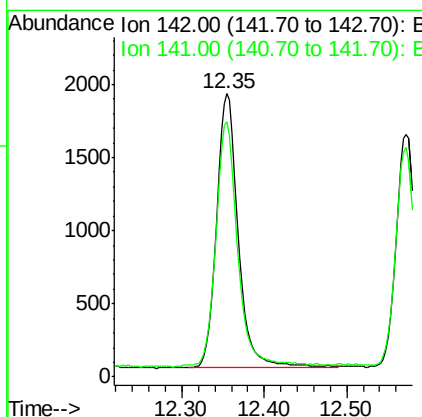
RT: 12.35 min Scan# 1750

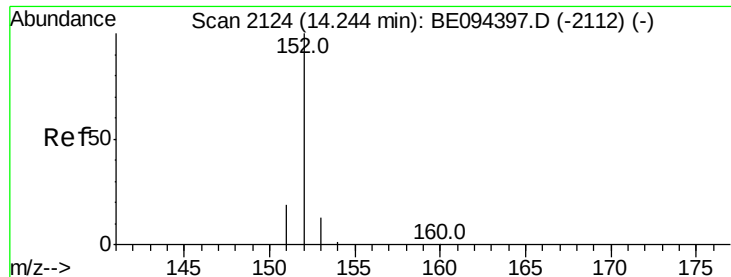
Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.251 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

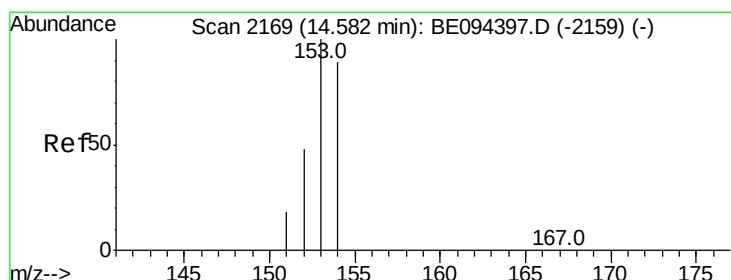
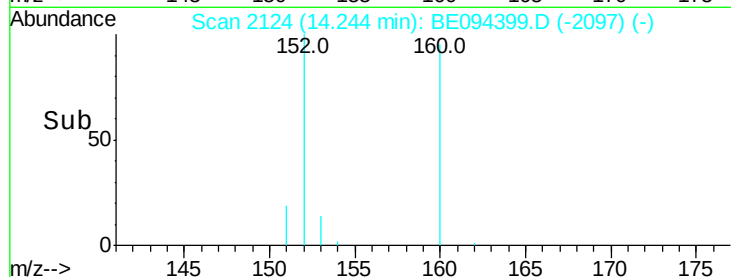
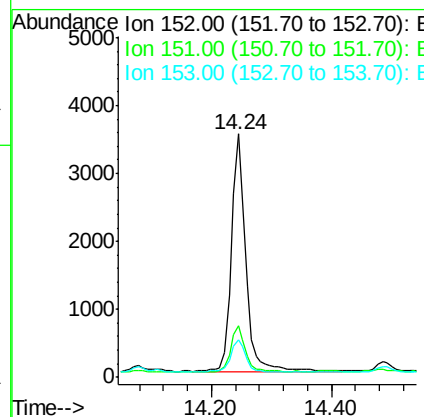
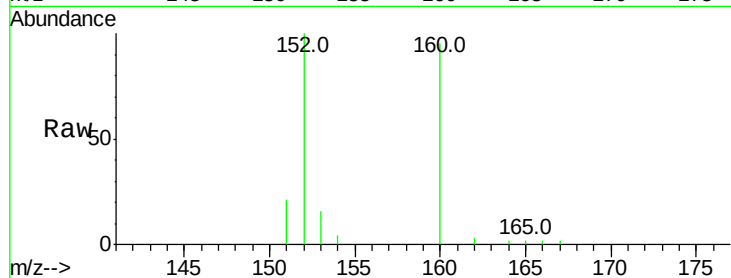
ClientSampleId :

C0AB6DL

Tot Ion:	152	Resp:	5825
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	15.5	12.8	19.2

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#8

Acenaphthene

Concen: 0.359 ng/ul

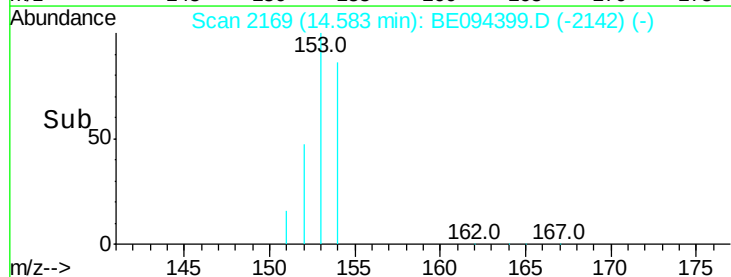
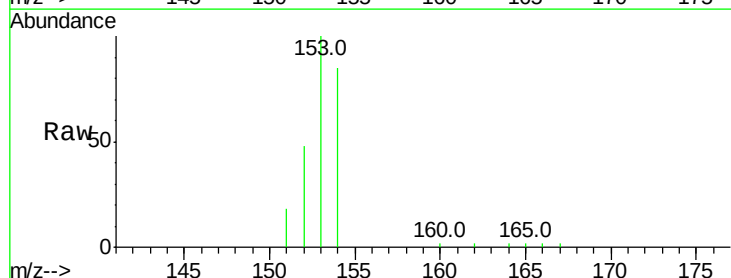
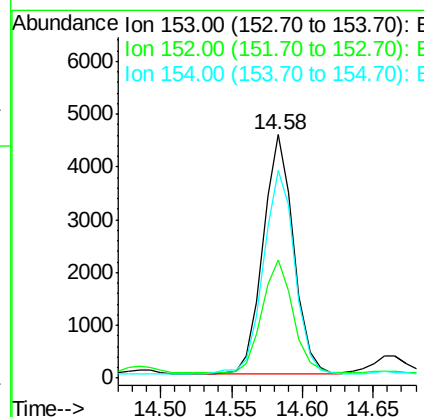
RT: 14.58 min Scan# 2169

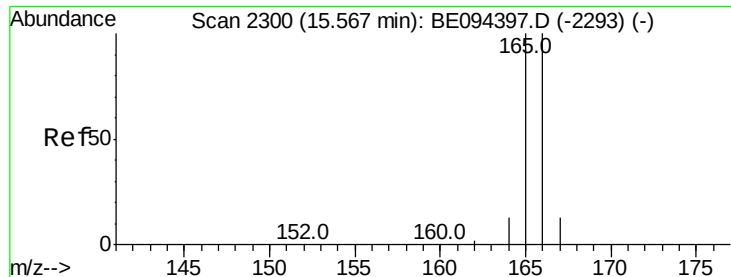
Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Tgt Ion:	153	Resp:	6849
Ion Ratio	Lower	Upper	
153	100		
152	48.5	40.3	60.5
154	85.5	71.4	107.2





#9

Fluorene

Concen: 0.398 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

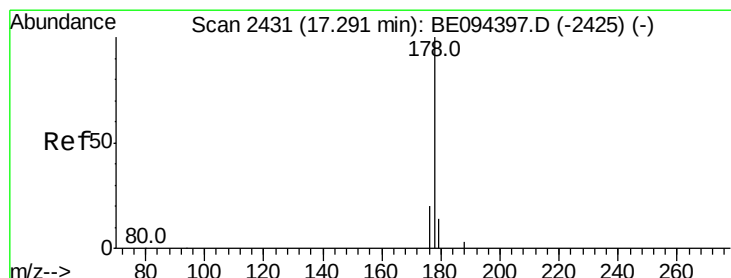
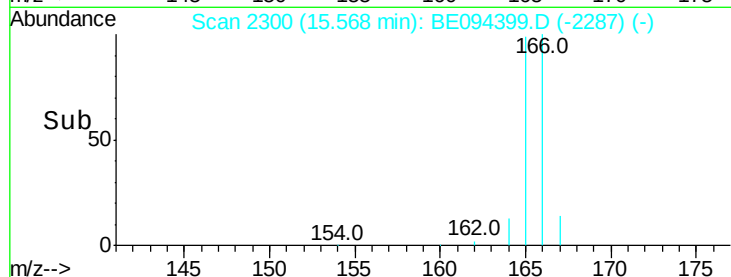
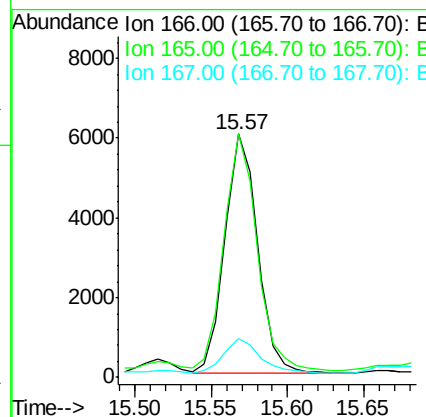
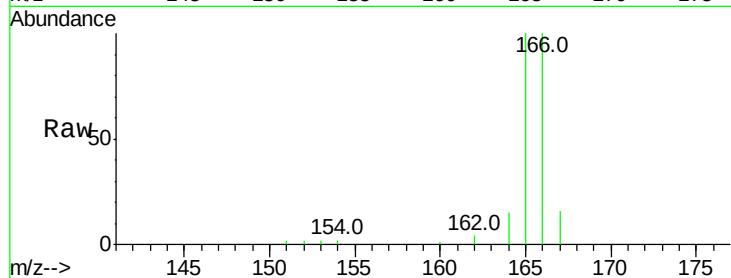
ClientSampleId :

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Tot Ion:	166	Resp:	8901
Ion Ratio	Lower	Upper	
166	100		
165	100.0	73.4	110.2
167	15.9	14.6	22.0

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#12

Phenanthrene

Concen: 4.440 ng/ul

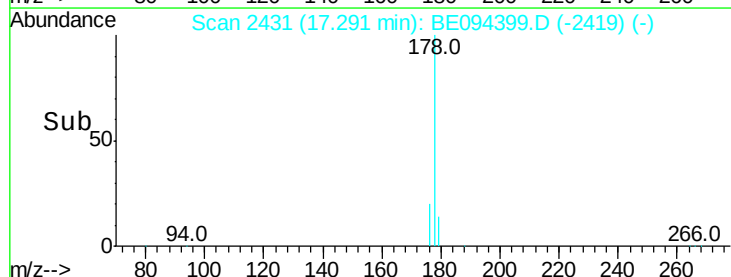
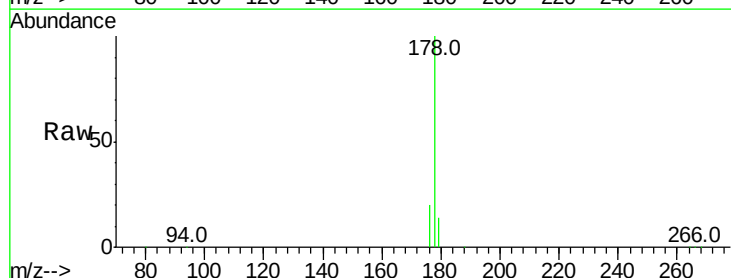
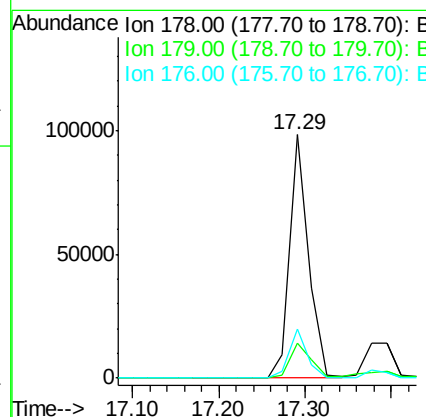
RT: 17.29 min Scan# 2431

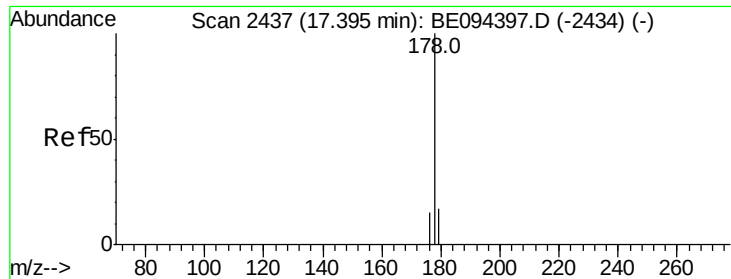
Delta R.T. 0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Tgt Ion:	178	Resp:	151247
Ion Ratio	Lower	Upper	
178	100		
179	14.5	18.4	27.6#
176	20.1	13.6	20.4





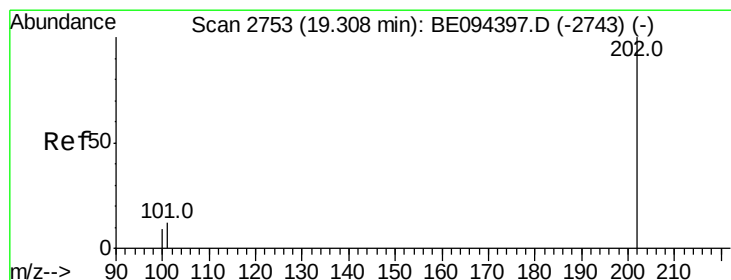
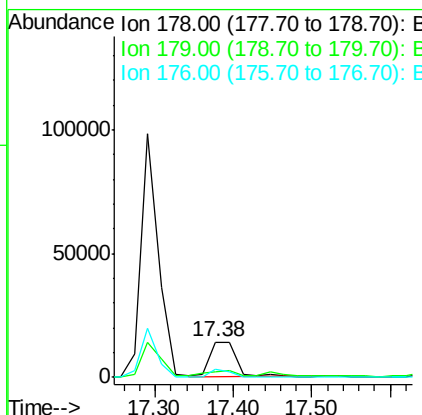
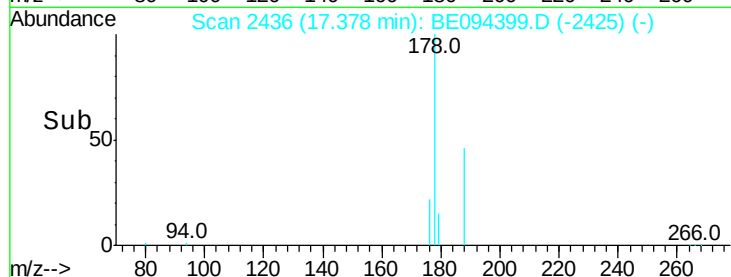
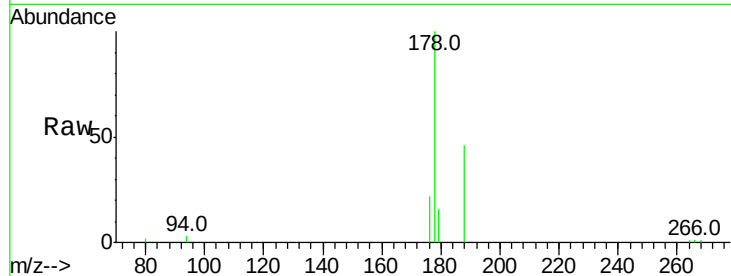
#13
 Anthracene
 Concen: 0.962 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094399.D
 Acq: 15 Oct 2017 18:45

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6DL

Tot Ion:178 Resp: 31859
 Ion Ratio Lower Upper
 178 100
 179 16.1 18.1 27.1#
 176 22.4 14.7 22.1#

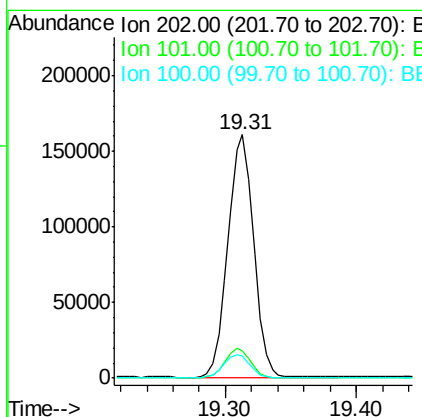
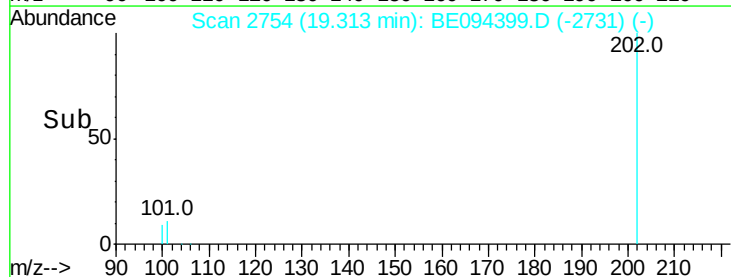
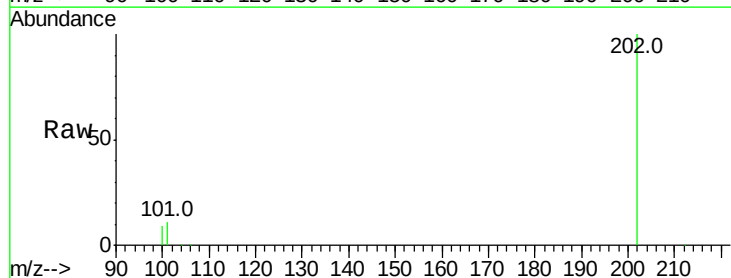
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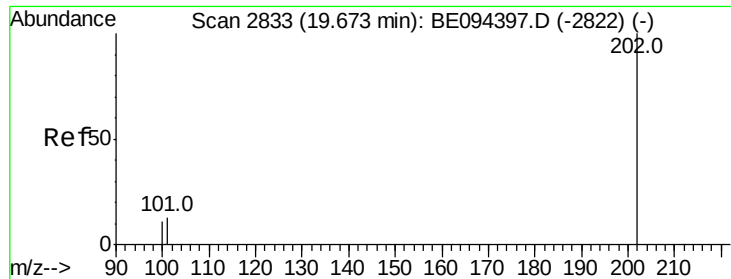
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#15
 Fluoranthene
 Concen: 4.909 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. 0.00 min
 Lab File: BE094399.D
 Acq: 15 Oct 2017 18:45

Tgt Ion:202 Resp: 219733
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 8.9 0.0 39.5





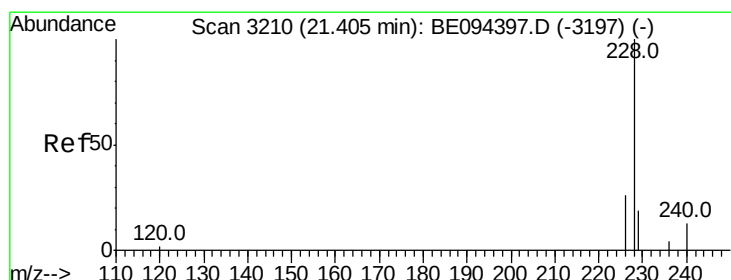
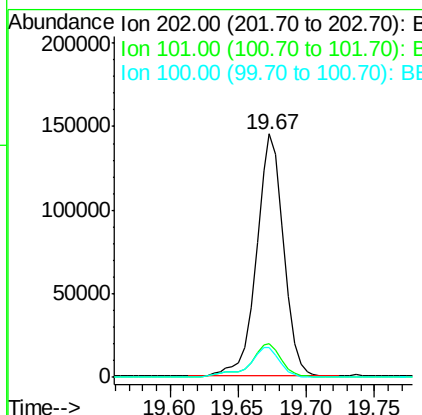
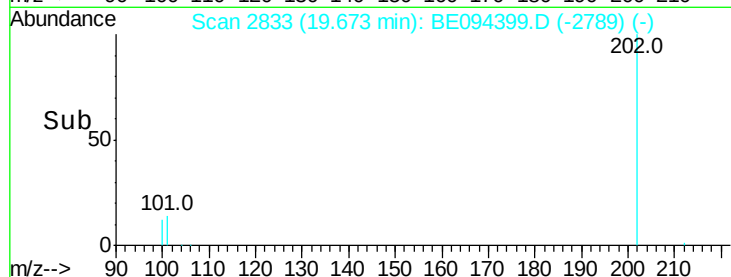
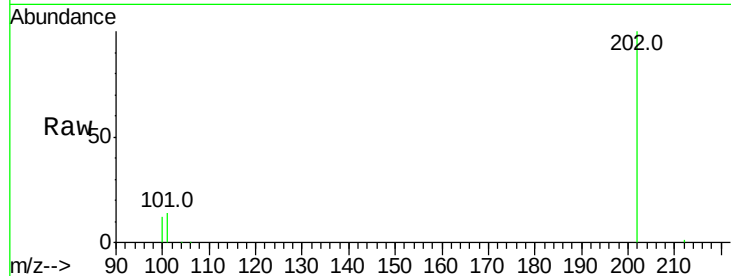
#17
Pvrene
Concen: 5.711 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Instrument :
BNA_E
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	18.2	27.4#
100	12.1	15.6	23.4#

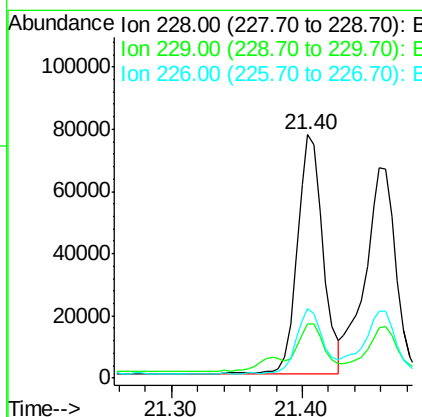
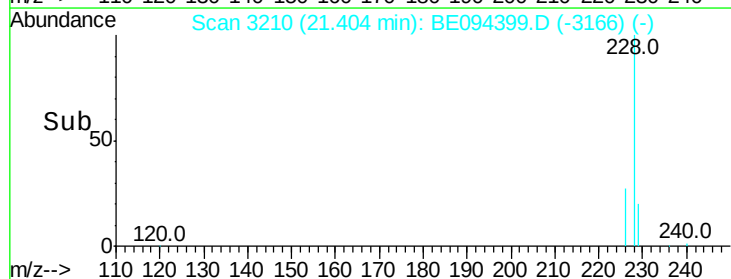
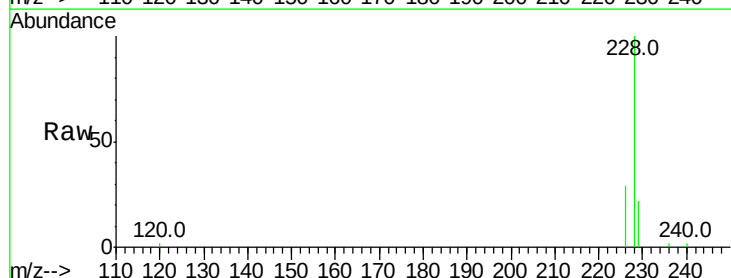
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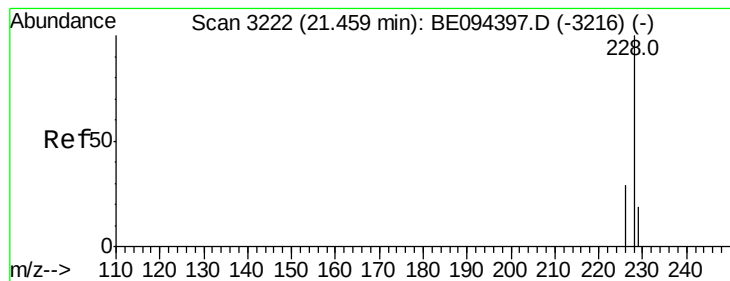
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#18
Benzo(a)anthracene
Concen: 3.149 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.00 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.3	22.8	34.2#
226	28.7	17.0	25.6#





#19

Chrysene

Concen: 2.828 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

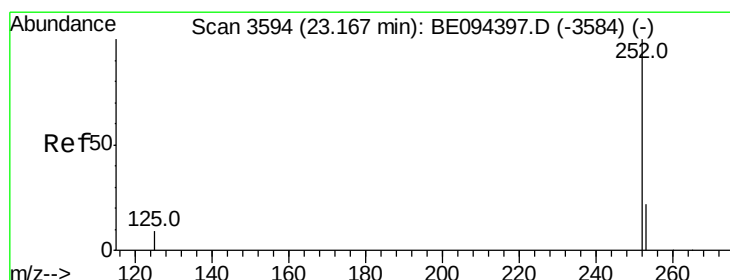
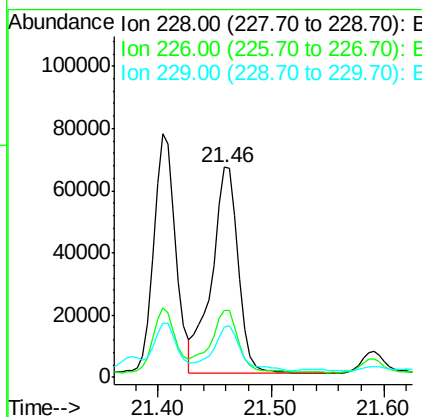
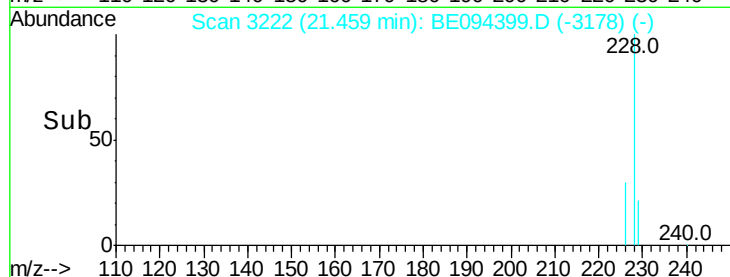
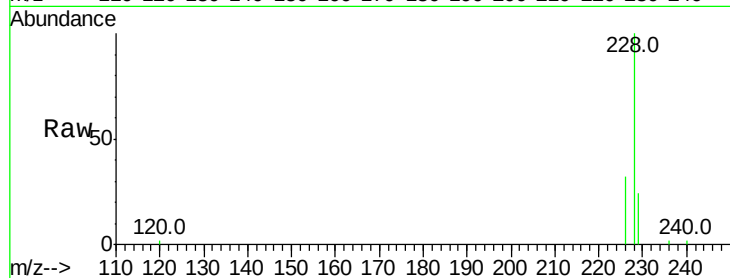
ClientSampled :

C0AB6DL

Tot Ion:	228	Resp:	108854
Ion Ratio	Lower	Upper	
228	100		
226	32.2	23.4	35.0
229	23.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.960 ng/ul m

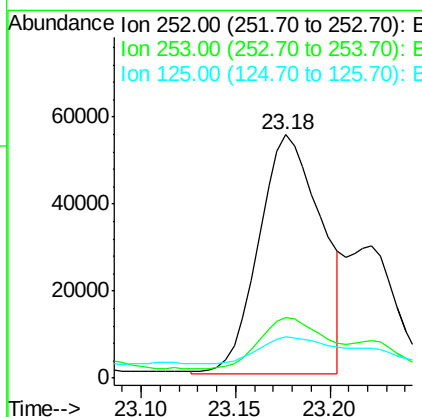
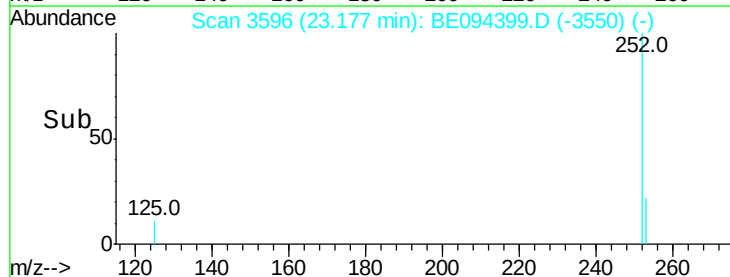
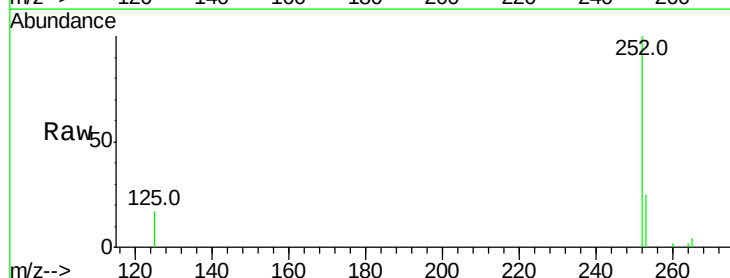
RT: 23.18 min Scan# 3596

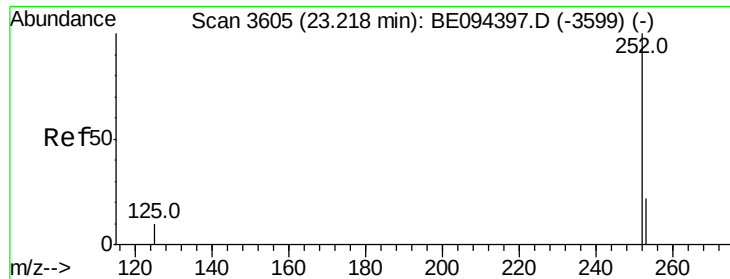
Delta R.T. 0.01 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Tgt Ion:	252	Resp:	126710
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	64.2
125	17.0	0.0	35.0





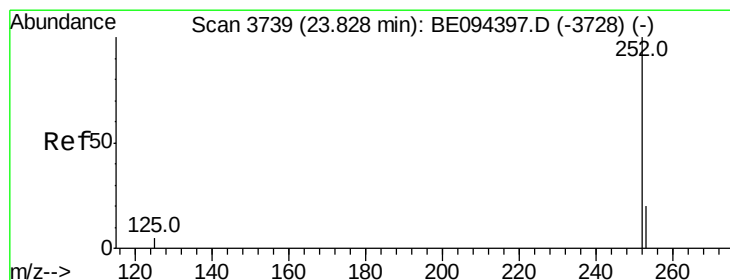
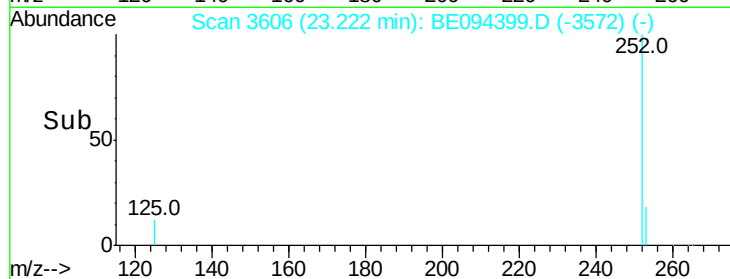
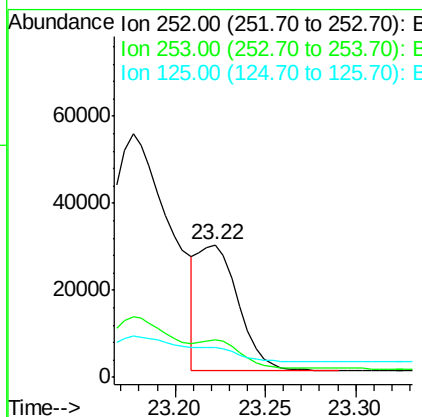
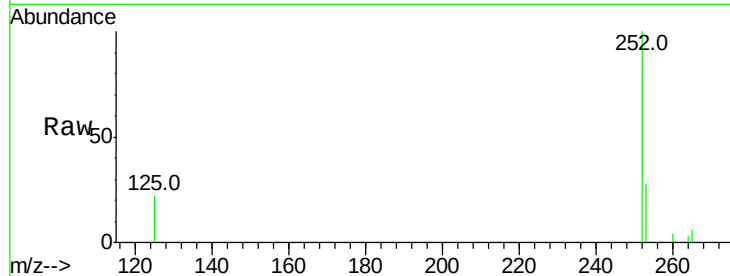
#22
Benzo(k)fluoranthene
Concen: 1.245 ng/ul m
RT: 23.22 min Scan# 3606
Delta R.T. 0.00 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Instrument :
BNA_E
ClientSampleId :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	22.1	13.7	20.5

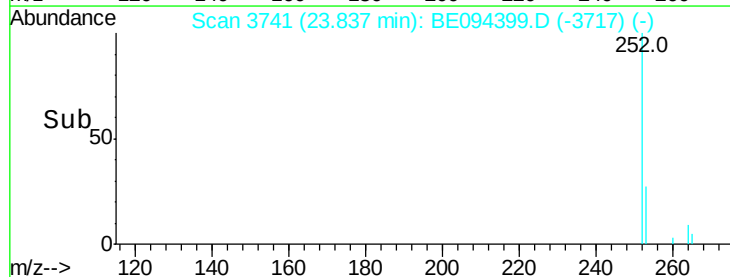
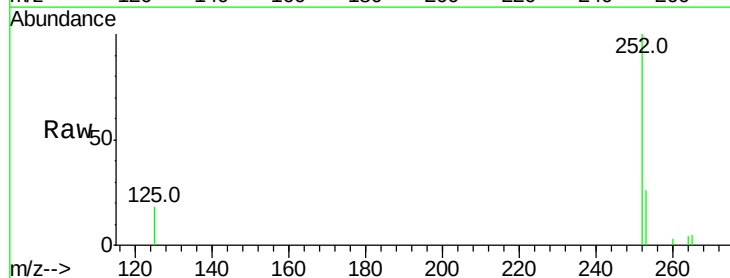
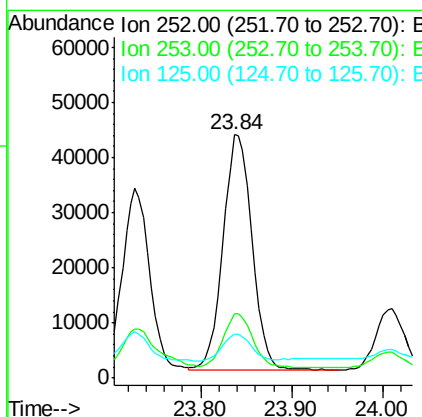
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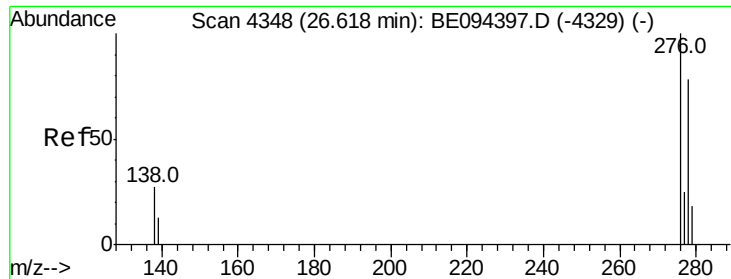
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#23
Benzo(a)pyrene
Concen: 2.822 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. 0.01 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	28.5	42.7
125	18.2	18.1	27.1





#24

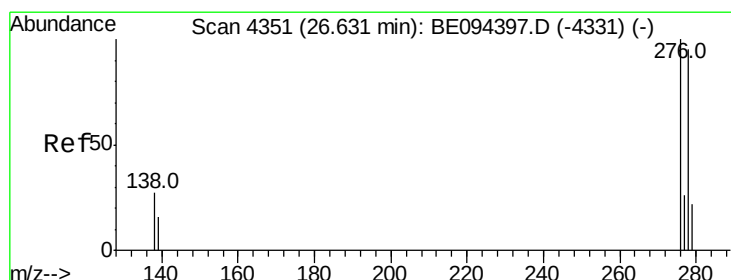
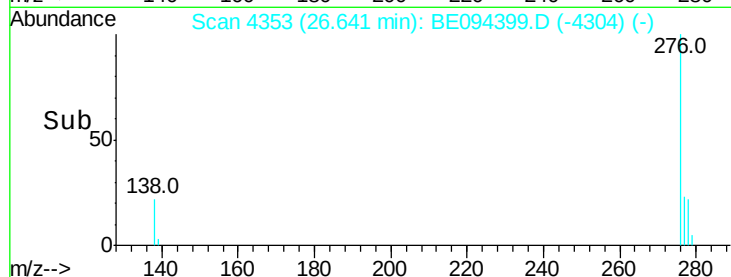
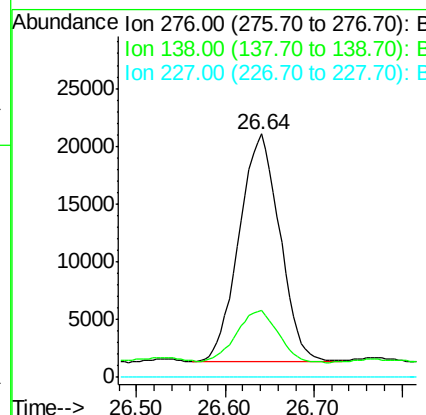
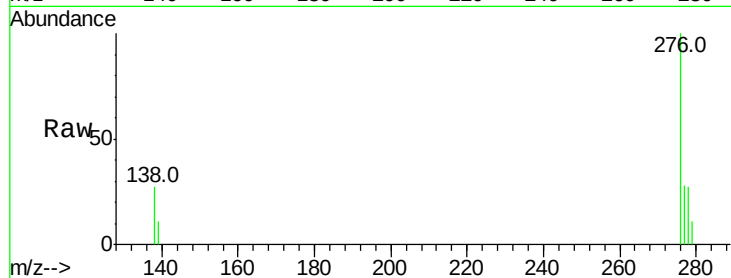
Indeno(1,2,3-cd)pyrene
Concen: 1.855 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. 0.02 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Instrument :
BNA_E
ClientSampled :
C0AB6DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	28.0	42.0#
227	0.0	8.0	12.0#

Manual Integrations
APPROVED

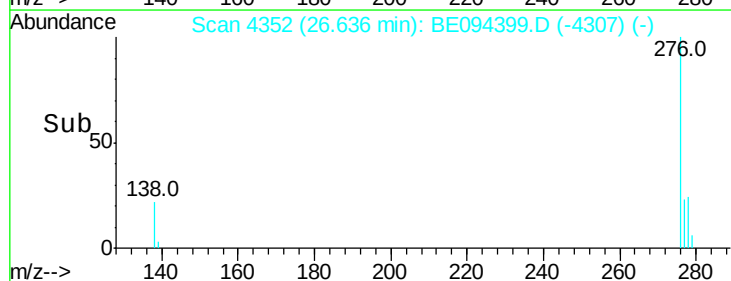
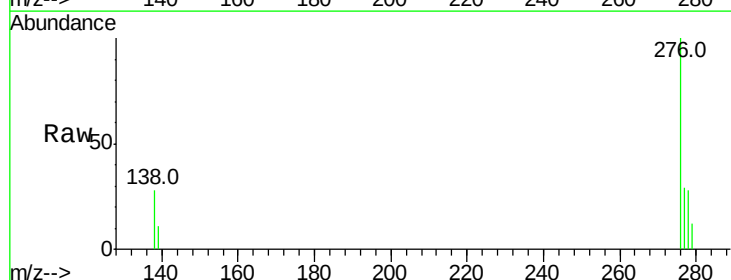
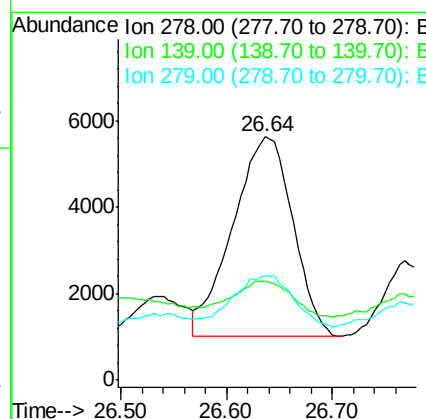
Sohil
10/16/2017 8:26:31 PM

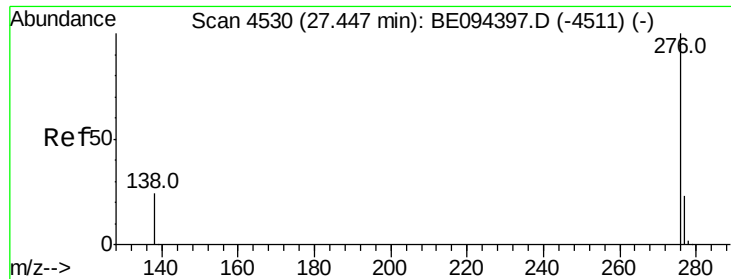


#25

Dibenzo(a,h)anthracene
Concen: 0.641 ng/ul
RT: 26.64 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BE094399.D
Acq: 15 Oct 2017 18:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	40.7	17.4	26.0#
279	42.6	25.9	38.9#





#26

Benzo(a,h,i)perylene

Concen: 1.991 ng/ul

RT: 27.48 min Scan# 4537

Delta R.T. 0.03 min

Lab File: BE094399.D

Acq: 15 Oct 2017 18:45

Instrument :

BNA_E

ClientSampleId :

C0AB6DL

Tot Ion:	276	Resp:	58413
Ion Ratio	Lower	Upper	
276	100		
138	29.3	21.8	32.8
277	29.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
10/16/2017 8:26:31 PM

