

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094394.D
 Acq On : 15 Oct 2017 15:40
 Operator : SJ/JU
 Sample : I5548-08DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9DL

Manual Integrations
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Sohil
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Quant Time: Oct 16 07:36:01 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 06:50:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1789	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9910	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6185	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14316	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14531	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	14161	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	989	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2807	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	1415	0.058	ng/ul#	85
5) 2-Methylnaphthalene	12.35	142	984	0.062	ng/ul	99
7) Acenaphthylene	14.24	152	952	0.039	ng/ul#	83
8) Acenaphthene	14.58	153	11401	0.574	ng/ul	98
9) Fluorene	15.57	166	13474	0.580	ng/ul	95
12) Phenanthrene	17.29	178	234237	6.261	ng/ul#	91
13) Anthracene	17.38	178	50383	1.385	ng/ul#	90
15) Fluoranthene	19.31	202	325167	6.615	ng/ul	84
17) Pyrene	19.67	202	257092	6.359	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	130549	3.387	ng/ul#	86
19) Chrysene	21.45	228	114101	2.563	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	129298m	3.361	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	54692m	1.230	ng/ul	
23) Benzo(a)pyrene	23.82	252	92678	2.318	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.61	276	56234	1.375	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	14972	0.437	ng/ul	95
26) Benzo(a,h,i)perylene	27.44	276	44607	1.265	ng/ul	99

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

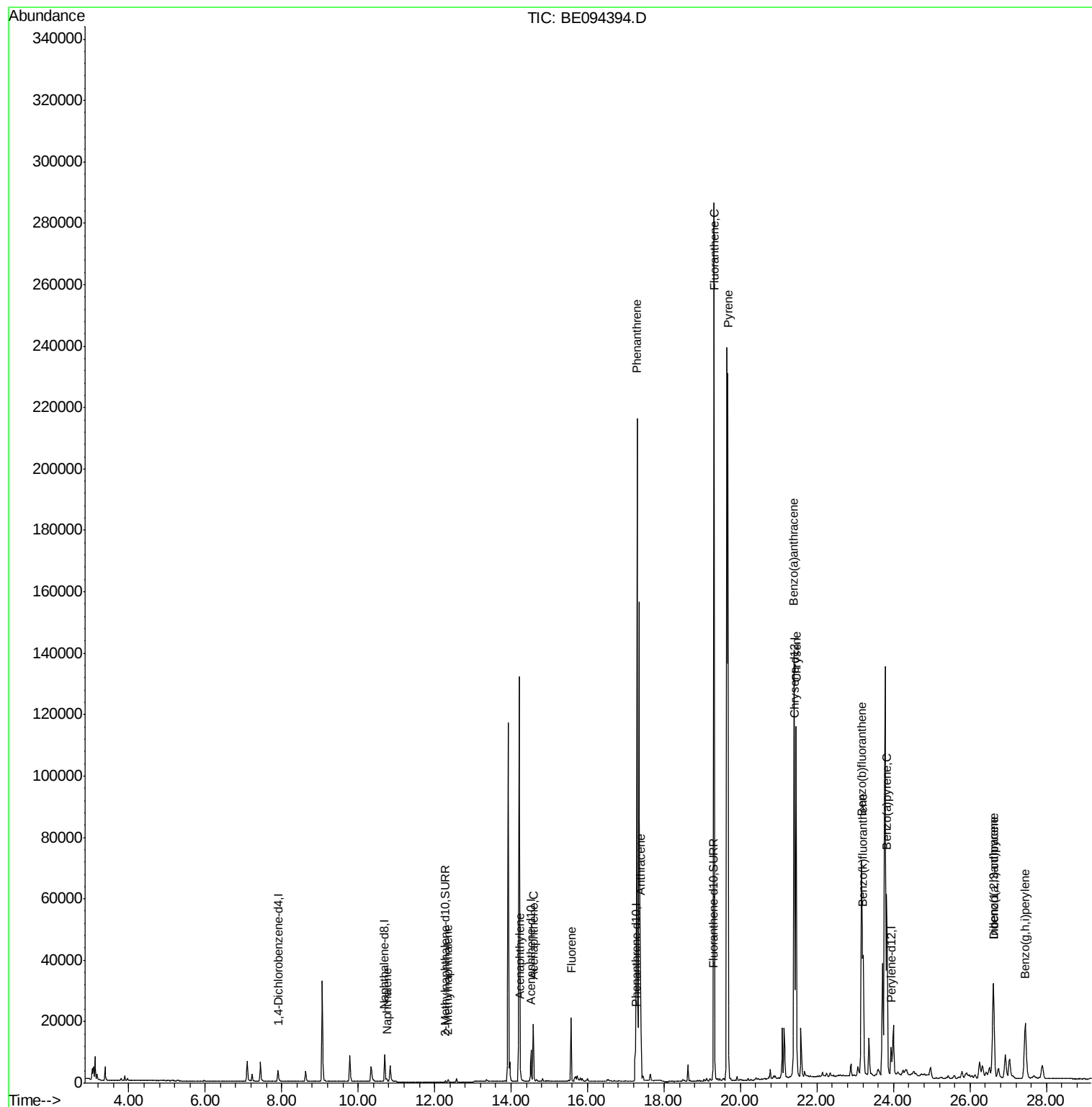
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094394.D
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ALS Vial : 40 Sample Multiplier: 1

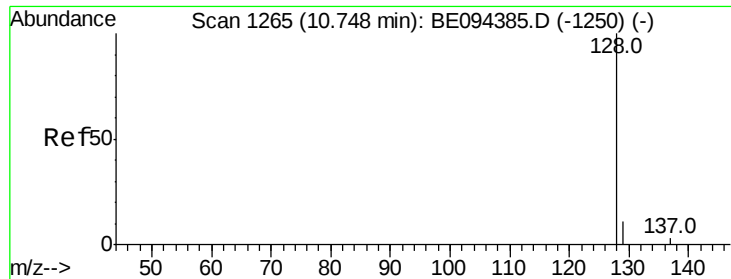
Instrument :
BNA_E
ClientSampleId :
C0AB9DL

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Quant Time: Oct 16 07:36:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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QLast Update : Mon Oct 16 06:50:03 2017
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#3

Naphthalene

Concen: 0.058 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

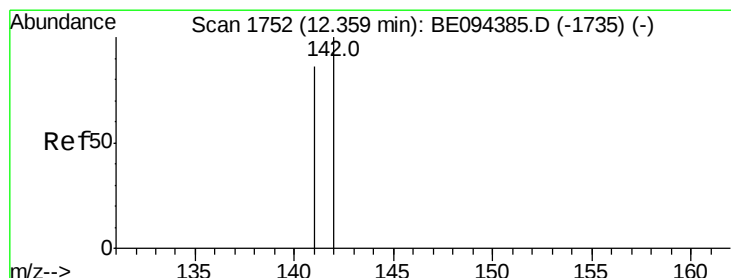
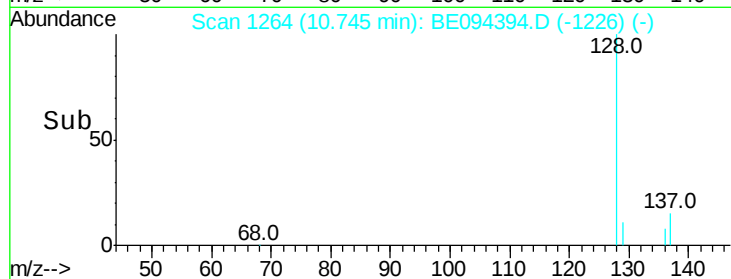
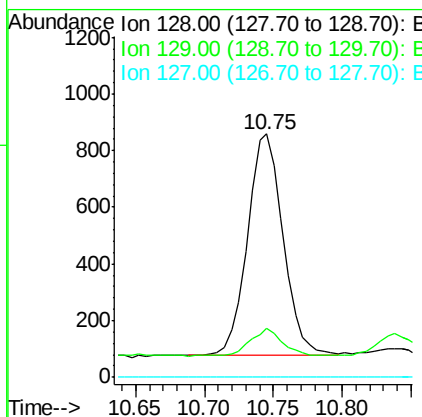
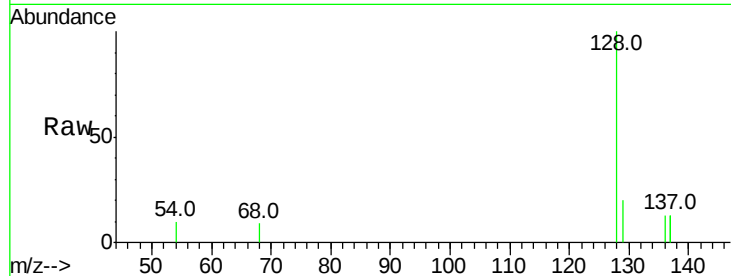
ClientSampleId :

C0AB9DL

Tot Ion:	128	Resp:	1415
Ion	Ratio	Lower	Upper
128	100		
129	20.3	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.062 ng/ul

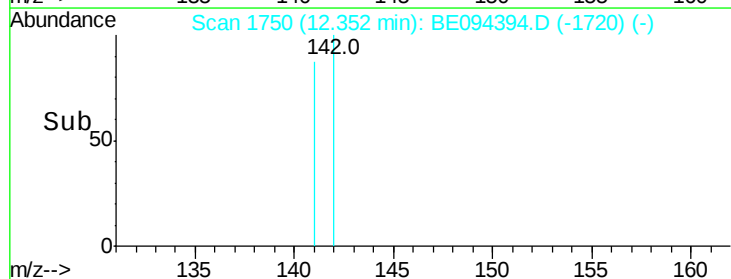
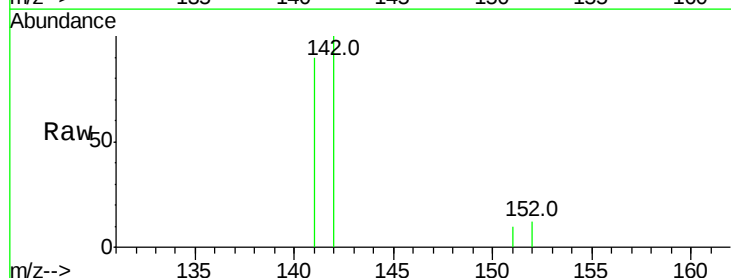
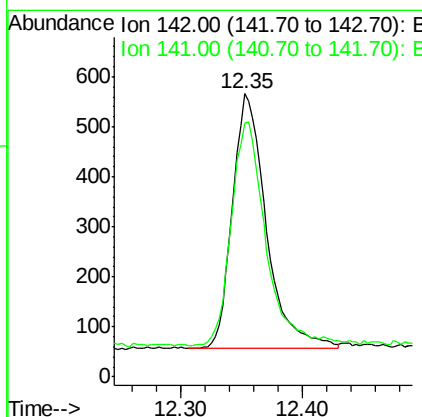
RT: 12.35 min Scan# 1750

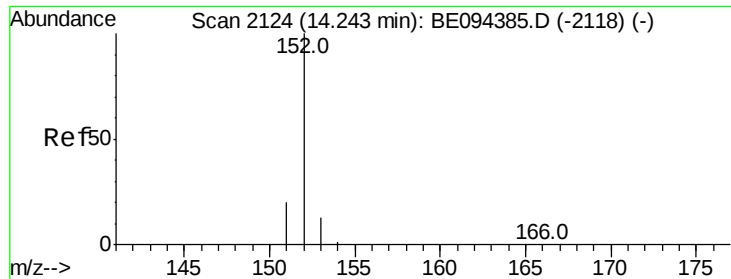
Delta R.T. -0.01 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Tgt Ion:	142	Resp:	984
Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

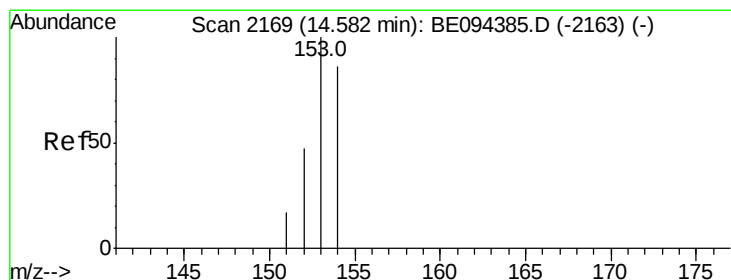
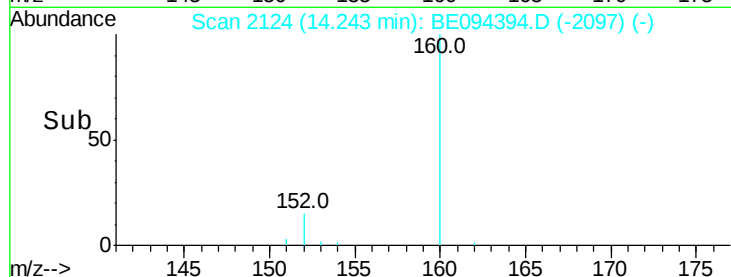
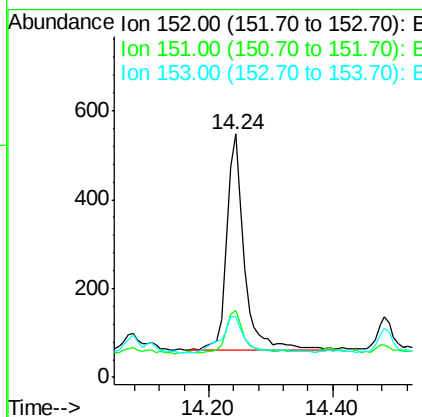
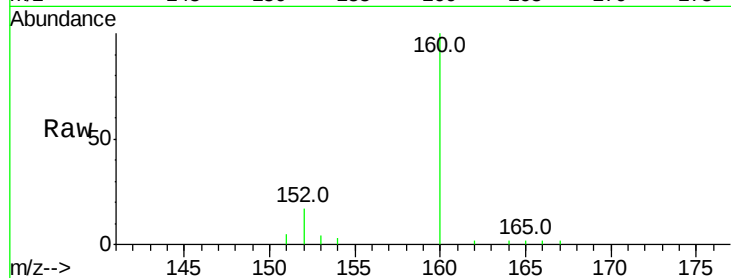
ClientSampleId :

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Tot Ion:	152	Resp:	952
Ion Ratio	Lower	Upper	
152	100		
151	27.6	17.1	25.7#
153	25.0	12.8	19.2#

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#8

Acenaphthene

Concen: 0.574 ng/ul

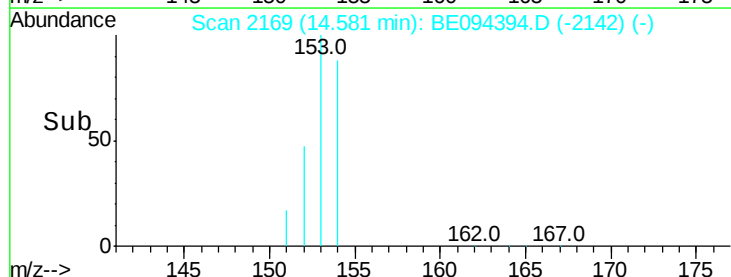
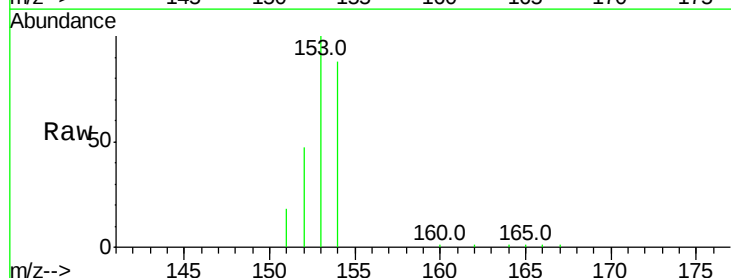
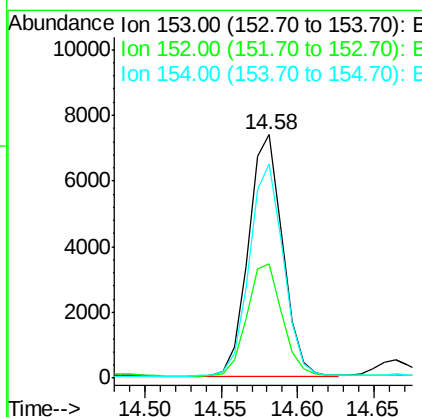
RT: 14.58 min Scan# 2169

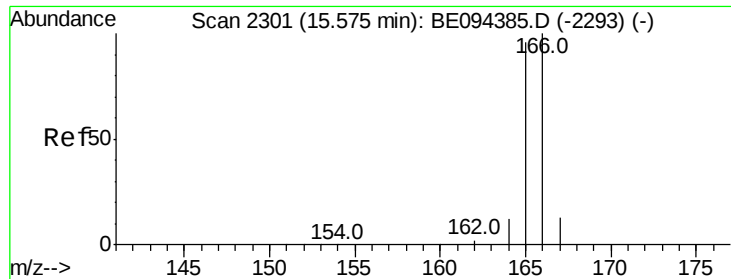
Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Tgt Ion:	153	Resp:	11401
Ion Ratio	Lower	Upper	
153	100		
152	47.1	40.3	60.5
154	88.2	71.4	107.2





#9

Fluorene

Concen: 0.580 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

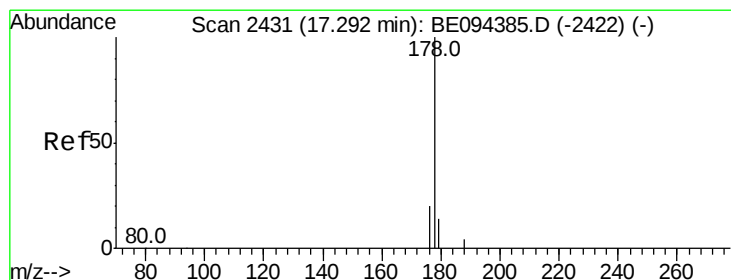
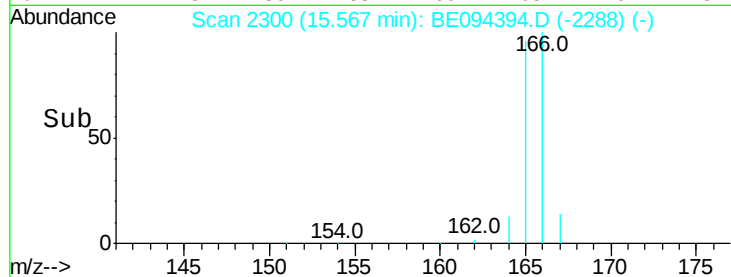
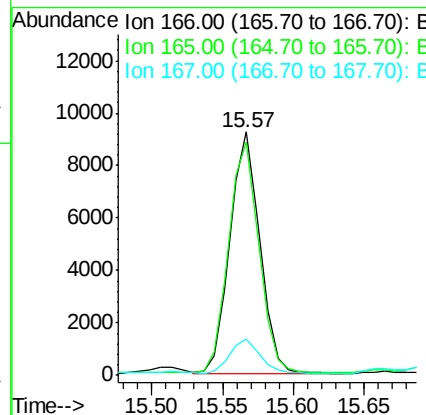
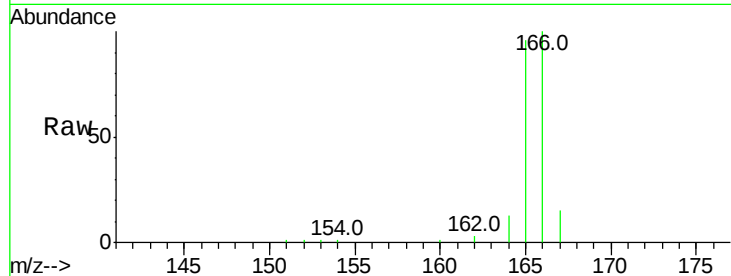
ClientSampleId :

C0AB9DL

Tot Ion:	166	Resp:	13474
Ion Ratio	Lower	Upper	
166	100		
165	96.1	73.4	110.2
167	14.6	14.6	22.0

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#12

Phenanthrene

Concen: 6.261 ng/ul

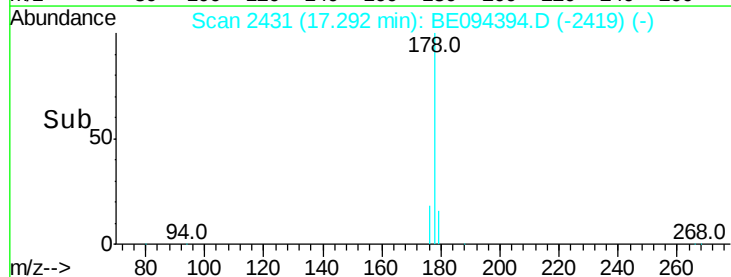
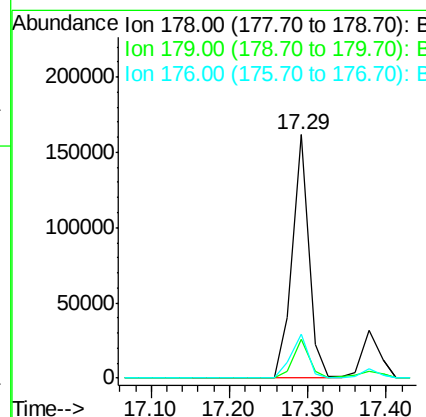
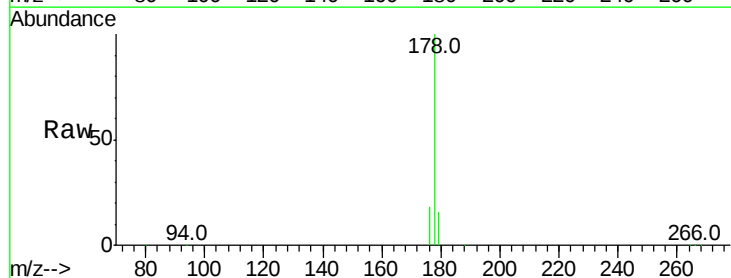
RT: 17.29 min Scan# 2431

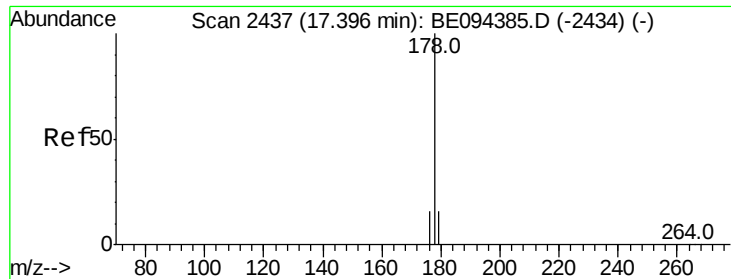
Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Tgt Ion:	178	Resp:	234237
Ion Ratio	Lower	Upper	
178	100		
179	15.8	18.4	27.6#
176	17.8	13.6	20.4





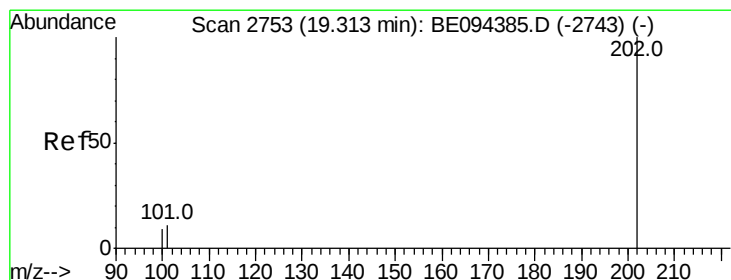
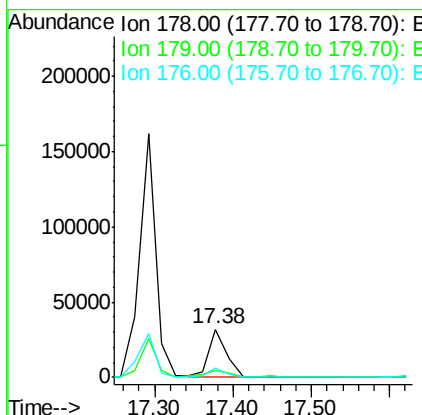
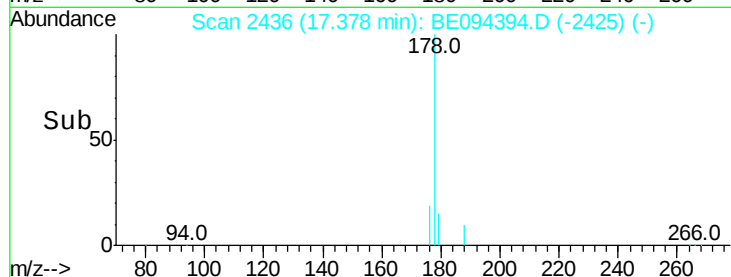
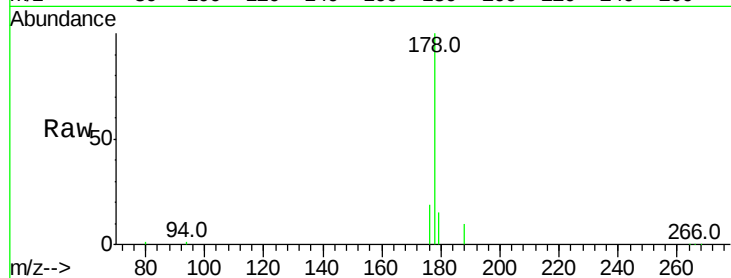
#13
 Anthracene
 Concen: 1.385 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094394.D
 Acq: 15 Oct 2017 15:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9DL

Tot Ion:178 Resp: 50383
 Ion Ratio Lower Upper
 178 100
 179 15.0 18.1 27.1#
 176 19.4 14.7 22.1

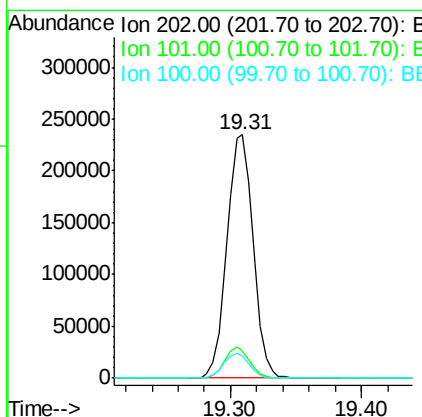
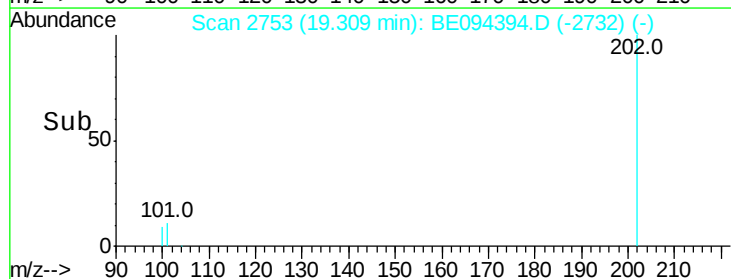
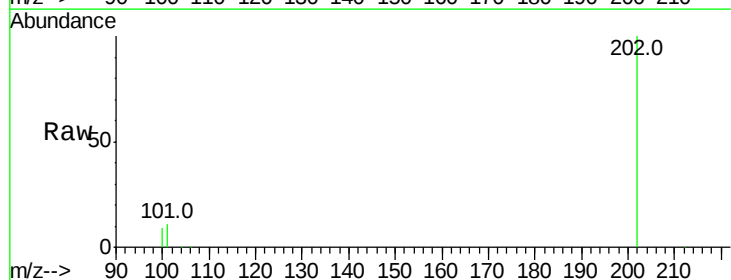
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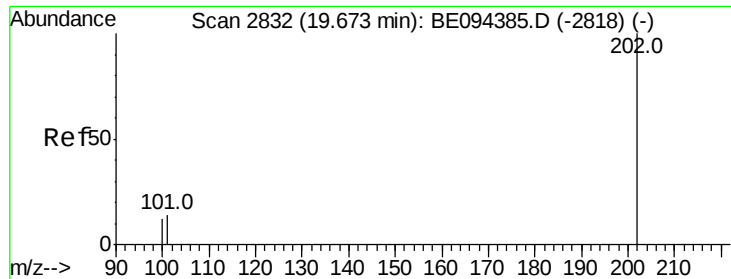
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#15
 Fluoranthene
 Concen: 6.615 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094394.D
 Acq: 15 Oct 2017 15:40

Tgt Ion:202 Resp: 325167
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.3
 100 8.9 0.0 39.5





#17

Pvrene

Concen: 6.359 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

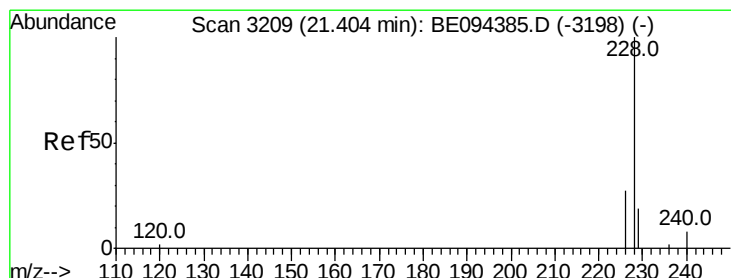
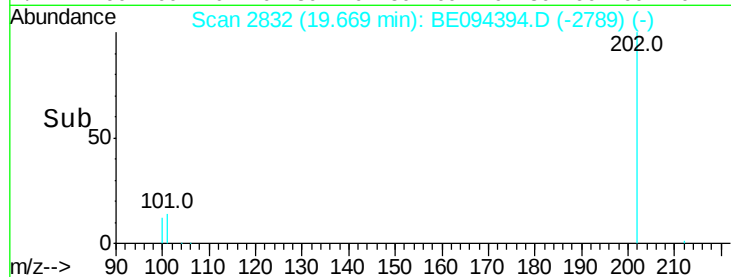
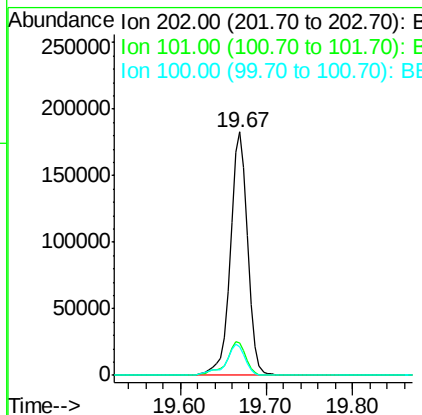
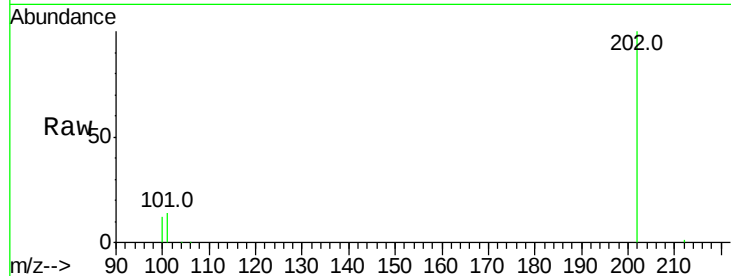
ClientSampleId :

C0AB9DL

Tot Ion:	202	Resp:	257092
Ion Ratio	Lower	Upper	
202	100		
101	13.6	18.2	27.4#
100	11.7	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 3.387 ng/ul

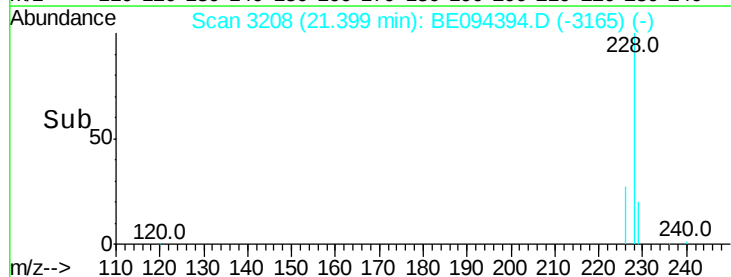
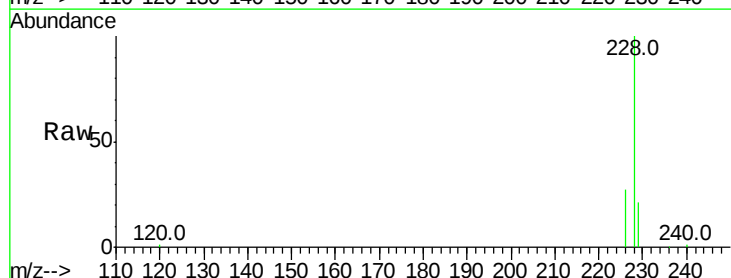
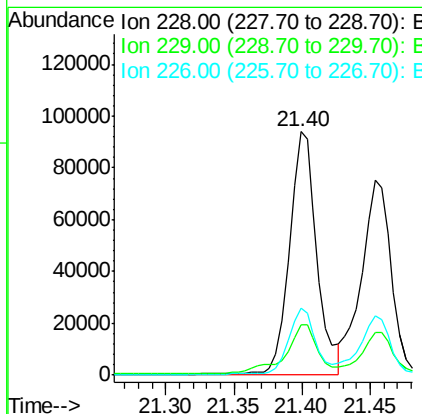
RT: 21.40 min Scan# 3208

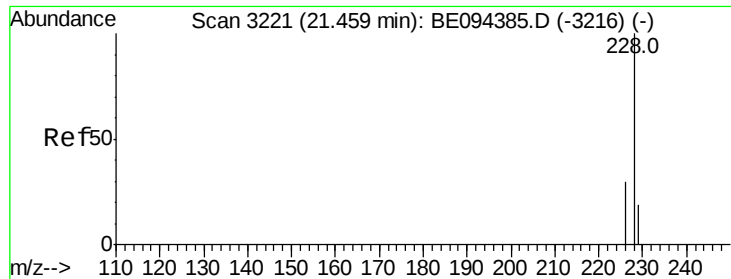
Delta R.T. -0.01 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Tgt Ion:	228	Resp:	130549
Ion Ratio	Lower	Upper	
228	100		
229	20.5	22.8	34.2#
226	27.4	17.0	25.6#





#19

Chrysene

Concen: 2.563 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

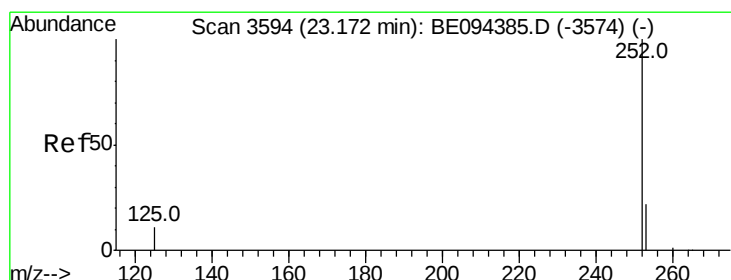
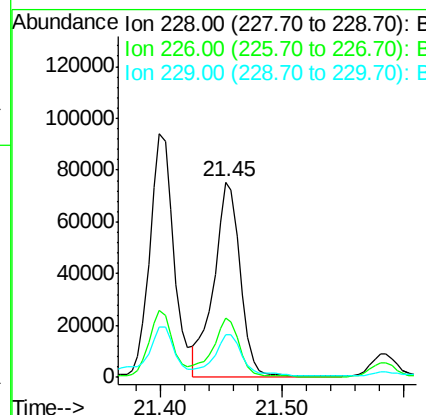
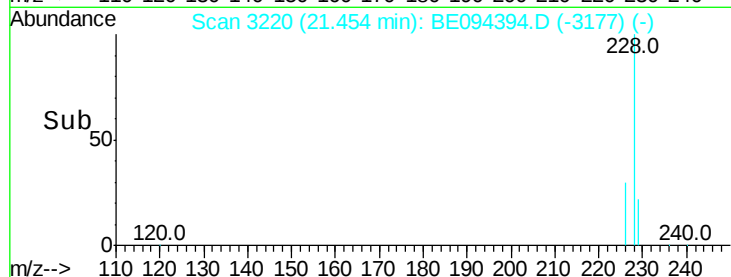
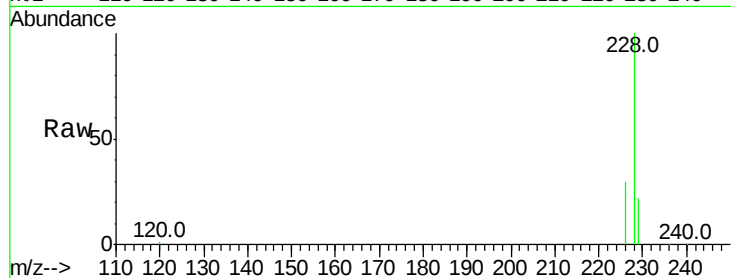
ClientSampleId :

C0AB9DL

Tot Ion:	228	Resp:	114101
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.361 ng/ul m

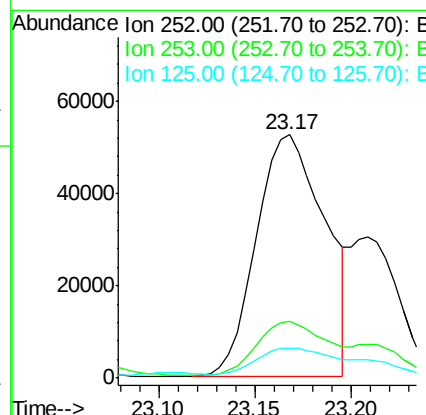
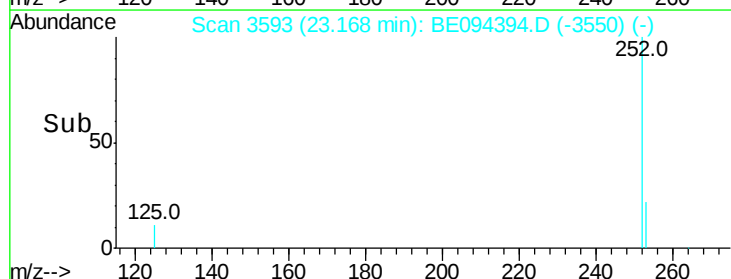
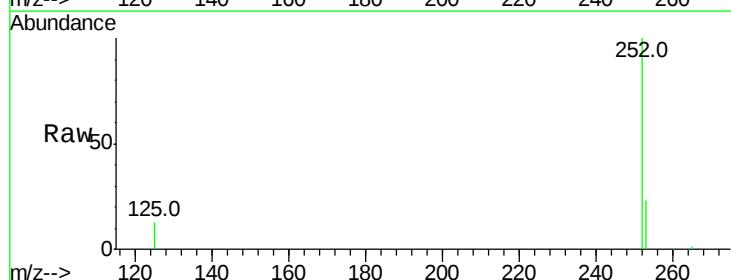
RT: 23.17 min Scan# 3593

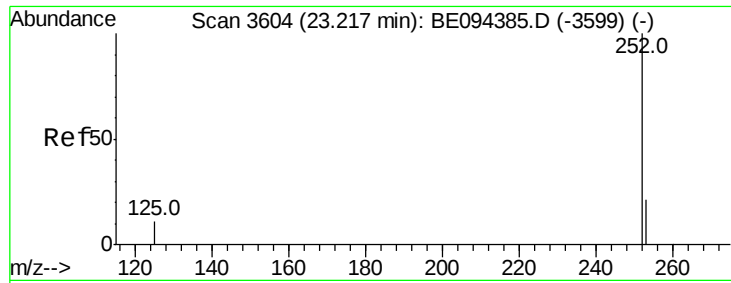
Delta R.T. -0.00 min

Lab File: BE094394.D

Acq: 15 Oct 2017 15:40

Tgt Ion:	252	Resp:	129298
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	64.2
125	12.5	0.0	35.0





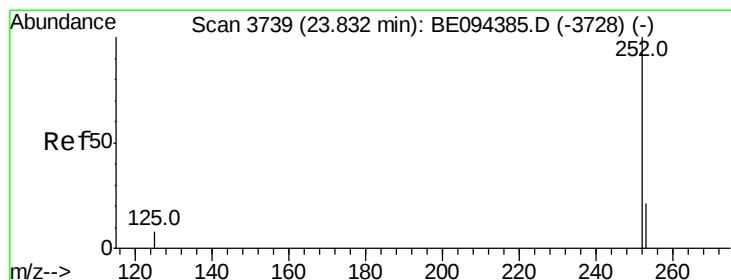
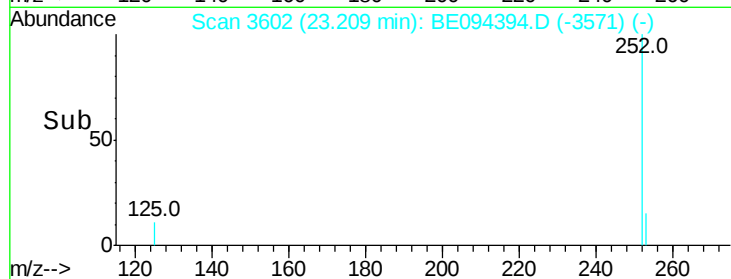
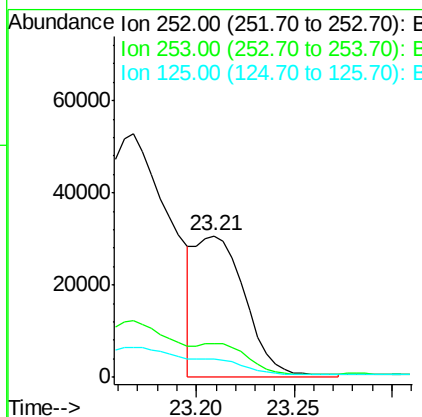
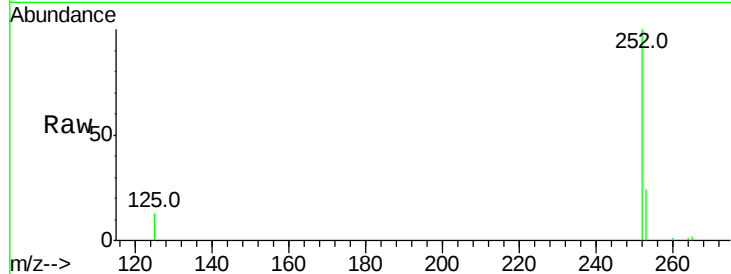
#22
Benzo(k)fluoranthene
Concen: 1.230 ng/ul m
RT: 23.21 min Scan# 3602
Delta R.T. -0.01 min
Lab File: BE094394.D
Acq: 15 Oct 2017 15:40

Instrument :
BNA_E
ClientSampleId :
C0AB9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	12.8	13.7	20.5#

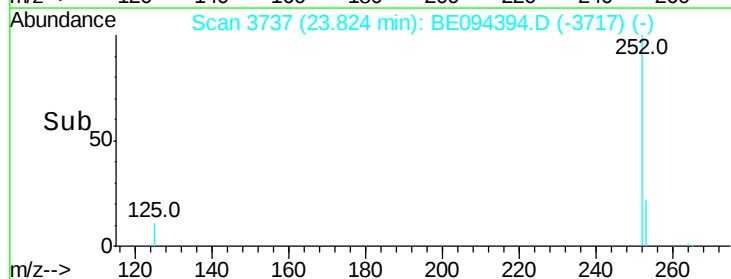
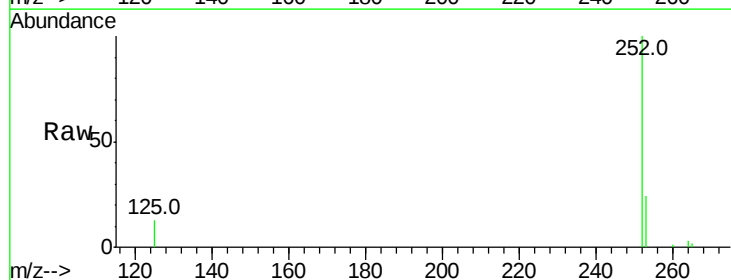
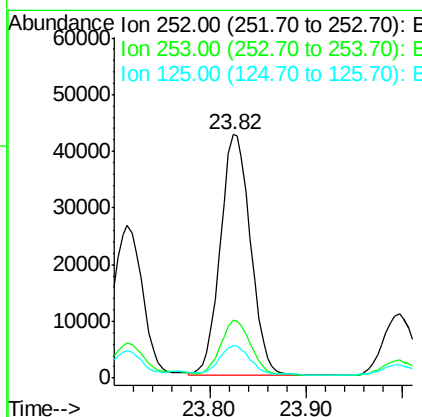
Manual Integrations
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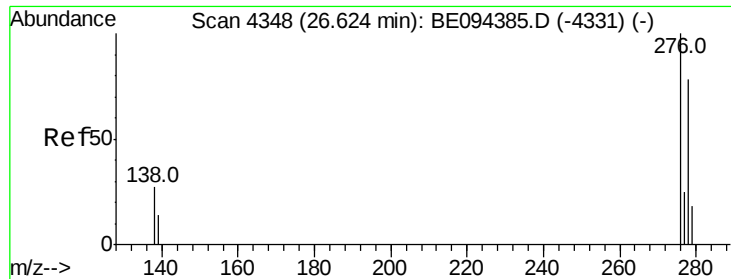
Sohil
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#23
Benzo(a)pyrene
Concen: 2.318 ng/ul
RT: 23.82 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE094394.D
Acq: 15 Oct 2017 15:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	13.5	18.1	27.1#





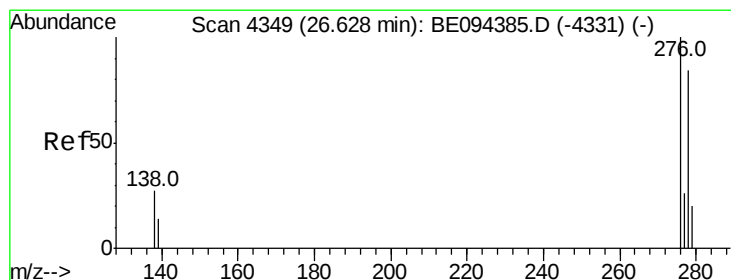
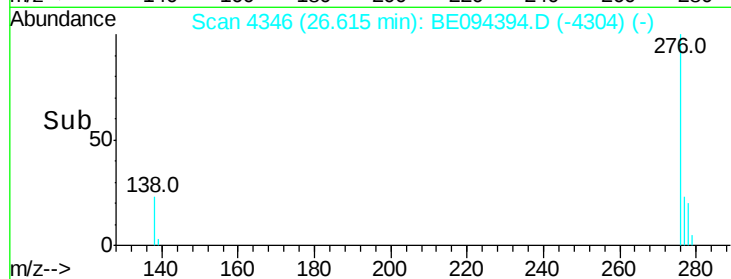
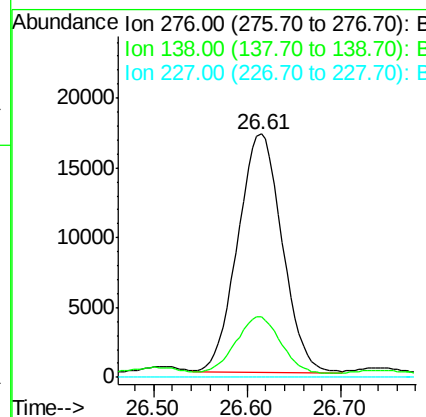
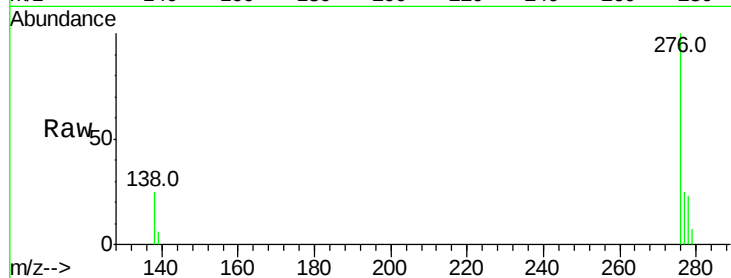
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.375 ng/ul
 RT: 26.61 min Scan# 4346
 Delta R.T. -0.01 min
 Lab File: BE094394.D
 Acq: 15 Oct 2017 15:40

Instrument :
 BNA_E
 ClientSampleId :
 C0AB9DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	28.0	42.0#
227	0.0	8.0	12.0#

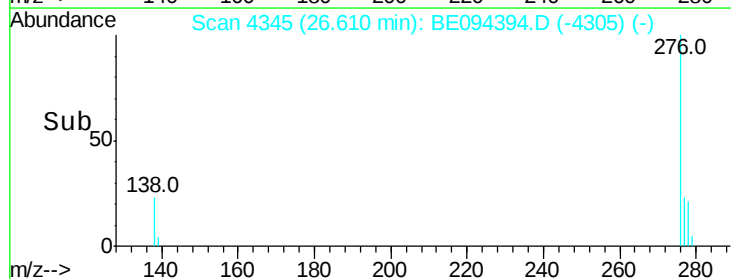
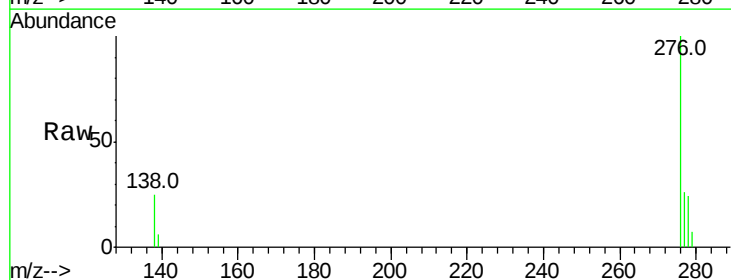
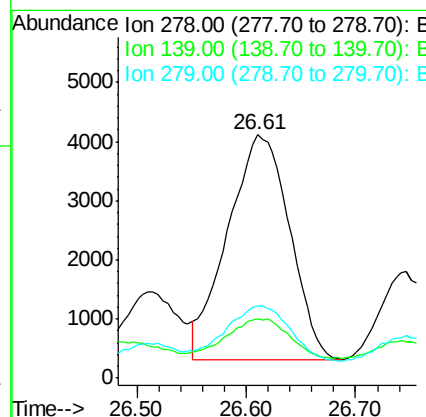
Manual Integrations
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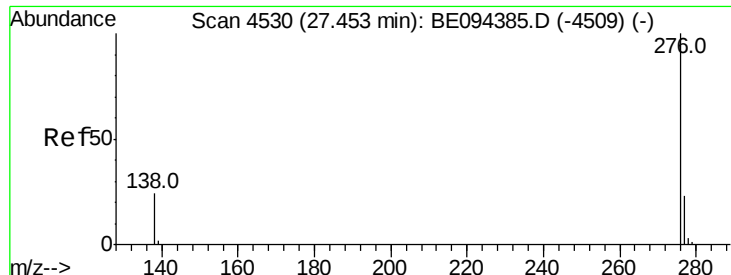
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#25
 Dibenzo(a,h)anthracene
 Concen: 0.437 ng/ul
 RT: 26.61 min Scan# 4345
 Delta R.T. -0.02 min
 Lab File: BE094394.D
 Acq: 15 Oct 2017 15:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.4	26.0
279	29.4	25.9	38.9





#26

Benzo(a,h,i)perylene

Concen: 1.265 ng/ul

RT: 27.44 min Scan# 4528

Delta R.T. -0.01 min

Lab File: BE094394.D

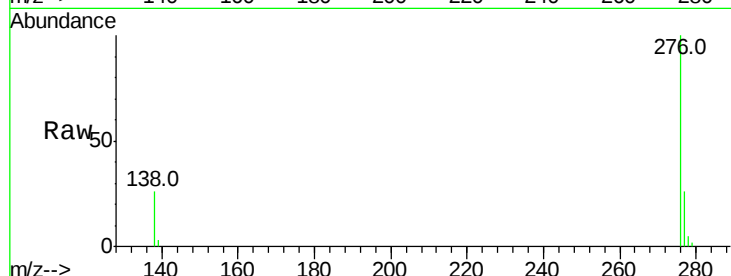
Acq: 15 Oct 2017 15:40

Instrument :

BNA_E

ClientSampleId :

C0AB9DL



Tot Ion:	276	Resp:	44607
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	25.9	20.5	30.7

Manual Integrations
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Sohil
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