

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094271.D
 Acq On : 11 Oct 2017 3:27
 Operator : SJ/JU
 Sample : I5533-06DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817DL

Manual Integrations
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Quant Time: Oct 11 08:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 07:23:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2337	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	13812	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	14483	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	14397	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	694	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	1793	0.04	ng/ul	0.00
Target Compounds						Ovalue
3) Naphthalene	10.74	128	3915	0.137	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1324	0.072	ng/ul	98
7) Acenaphthylene	14.24	152	2758	0.110	ng/ul	99
8) Acenaphthene	14.57	153	4300	0.209	ng/ul	98
9) Fluorene	15.56	166	4809	0.199	ng/ul	93
12) Phenanthrene	17.29	178	100960	2.797	ng/ul#	92
13) Anthracene	17.38	178	24669	0.703	ng/ul#	92
15) Fluoranthene	19.30	202	187665	3.957	ng/ul	84
17) Pyrene	19.66	202	170043	4.220	ng/ul#	80
18) Benzo(a)anthracene	21.39	228	89617	2.332	ng/ul#	86
19) Chrysene	21.44	228	81607	1.839	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	101602m	2.598	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	35856m	0.793	ng/ul	
23) Benzo(a)pyrene	23.80	252	75263	1.852	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.57	276	45250	1.088	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	11486	0.329	ng/ul#	95
26) Benzo(a,h,i)perylene	27.40	276	39734	1.108	ng/ul	98

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

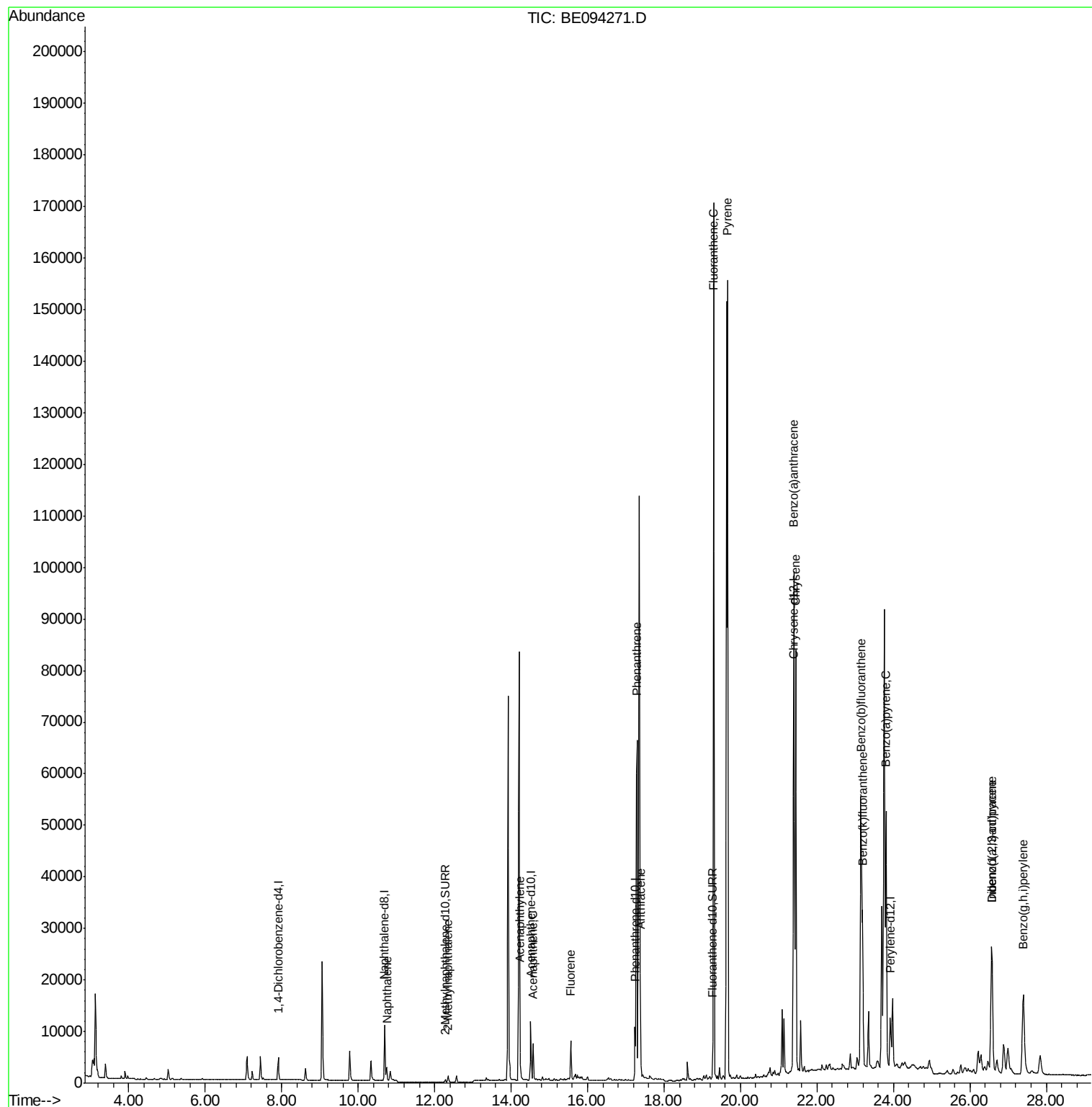
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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ALS Vial : 23 Sample Multiplier: 1

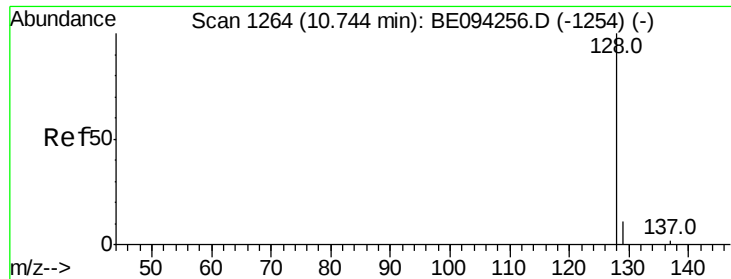
Instrument :
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B-77(1-3)-092817DL

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#3

Naphthalene

Concen: 0.137 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Instrument :

BNA_E

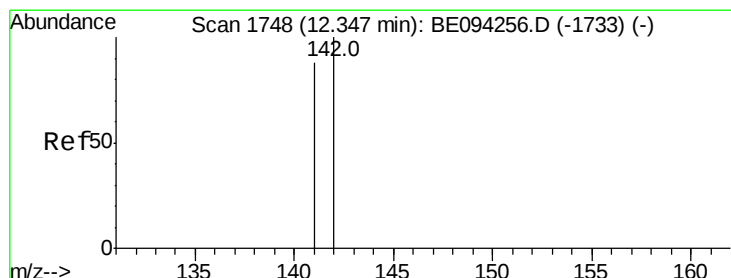
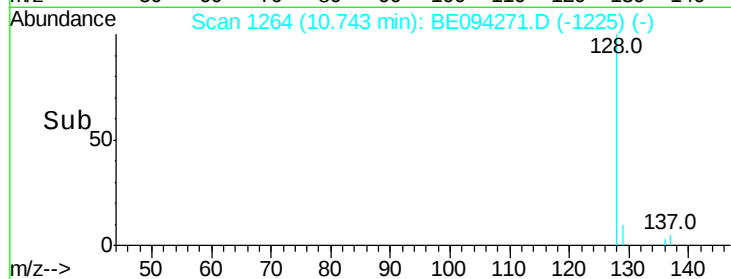
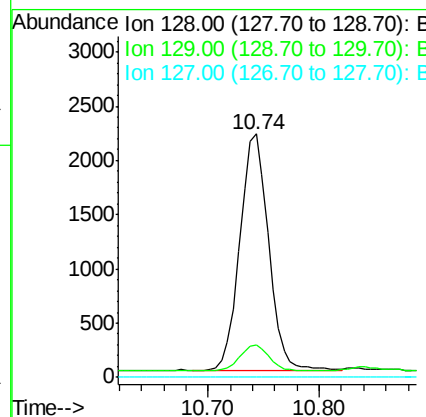
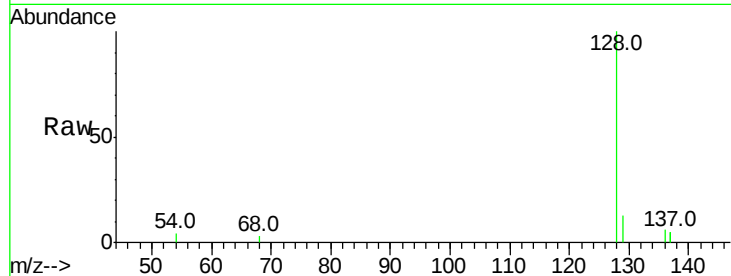
ClientSampleId :

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Tot Ion:	128	Resp:	3915
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: 0.072 ng/ul

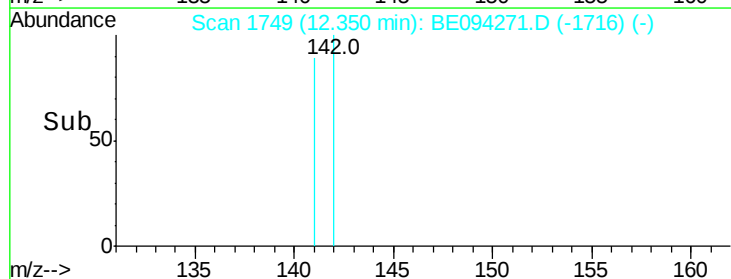
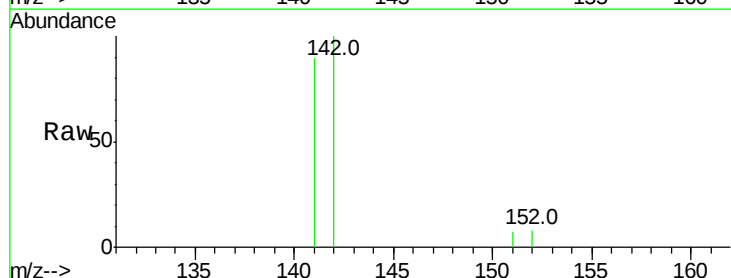
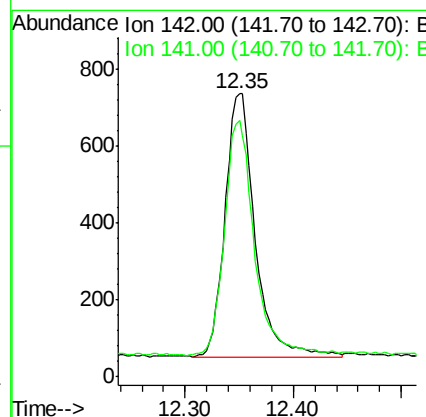
RT: 12.35 min Scan# 1749

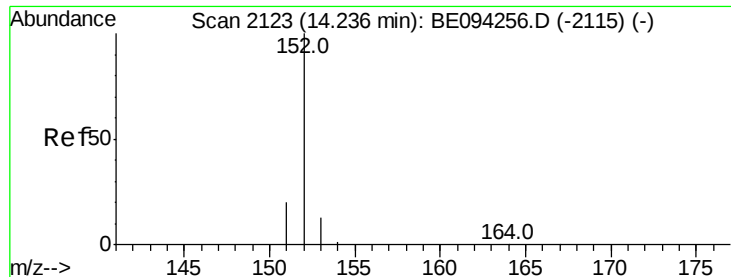
Delta R.T. 0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Tgt Ion:	142	Resp:	1324
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Instrument :

BNA_E

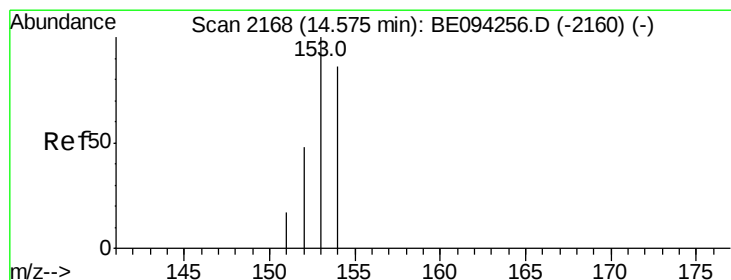
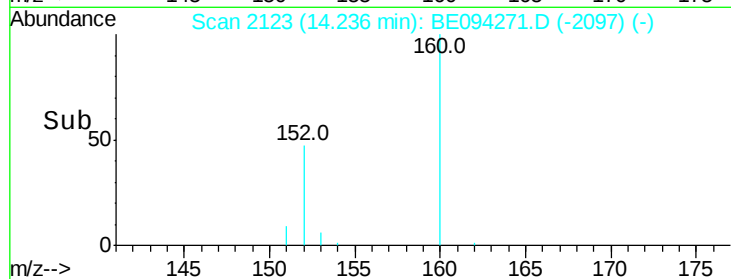
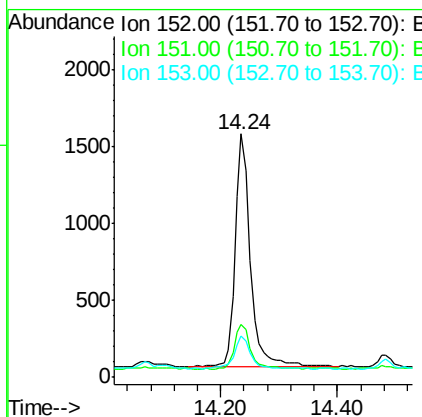
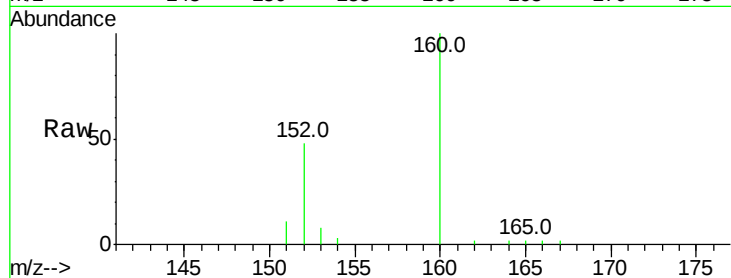
ClientSampleId :

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Tot Ion:	152	Resp:	2758
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	16.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.209 ng/ul

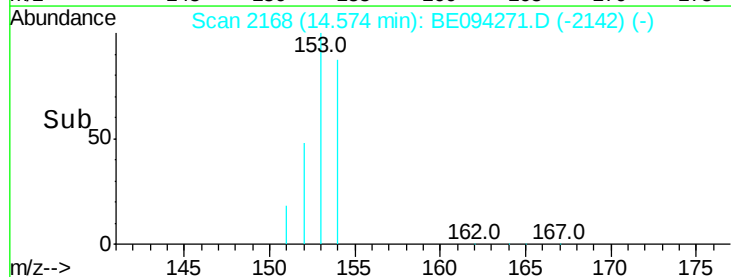
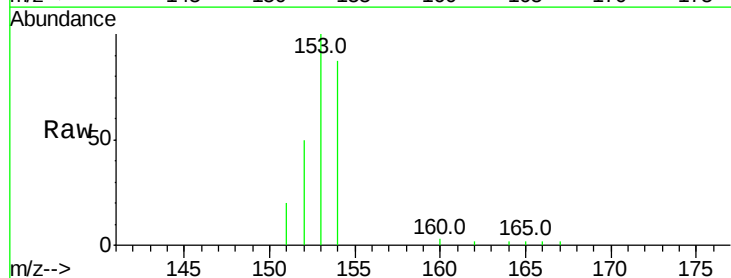
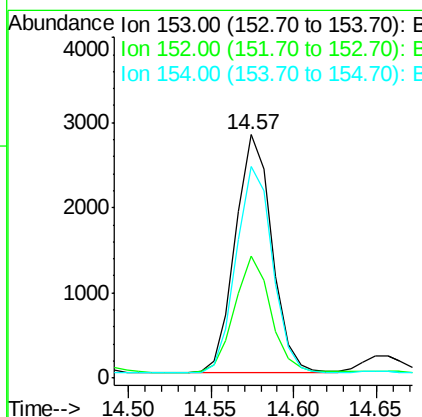
RT: 14.57 min Scan# 2168

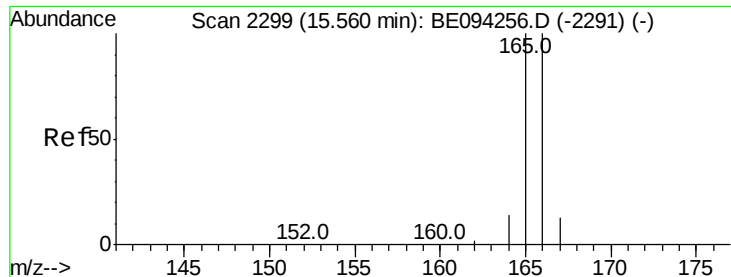
Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Tgt Ion:	153	Resp:	4300
Ion Ratio	Lower	Upper	
153	100		
152	49.9	40.3	60.5
154	87.0	71.4	107.2





#9

Fluorene

Concen: 0.199 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Instrument :

BNA_E

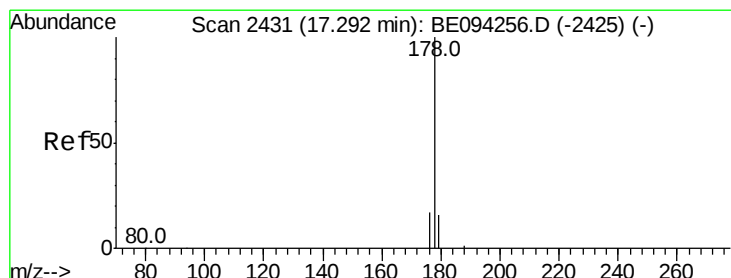
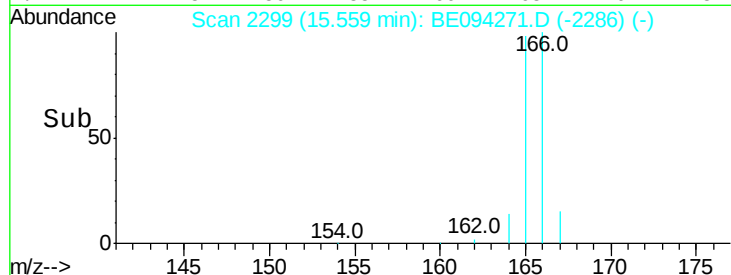
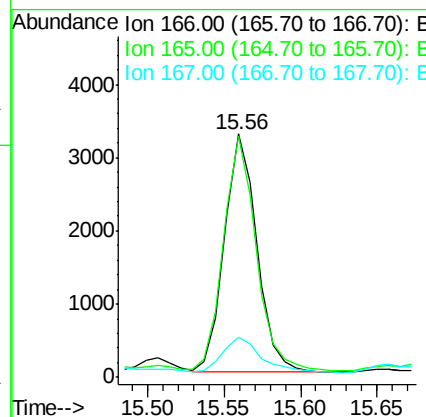
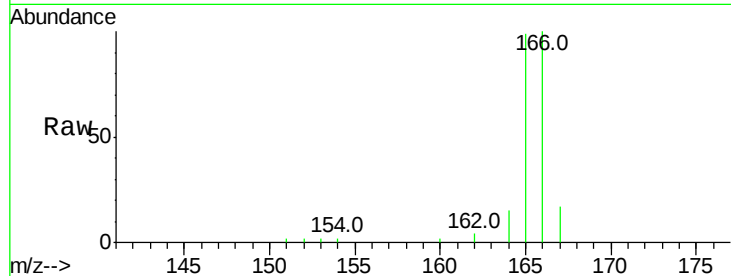
ClientSampleId :

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Tot Ion:	166	Resp:	4809
Ion Ratio	Lower	Upper	
166	100		
165	99.2	73.4	110.2
167	16.7	14.6	22.0

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#12

Phenanthrene

Concen: 2.797 ng/ul

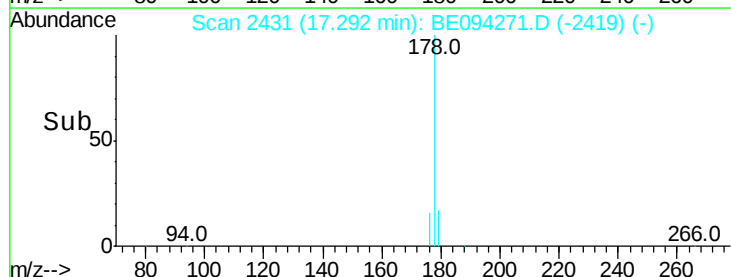
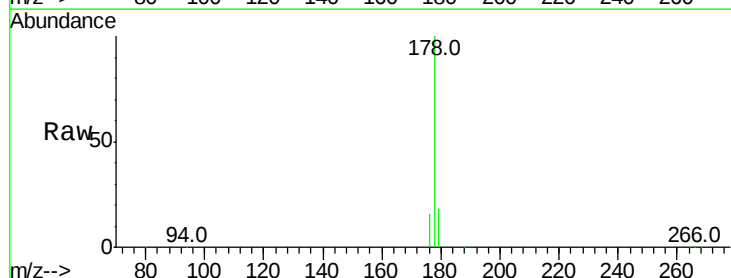
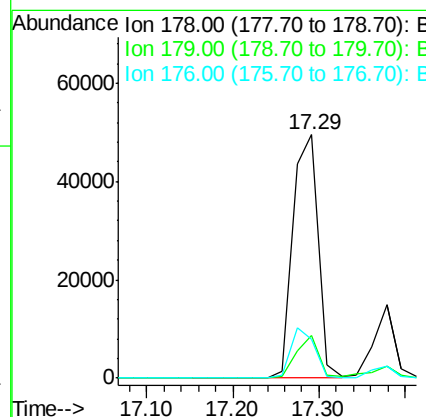
RT: 17.29 min Scan# 2431

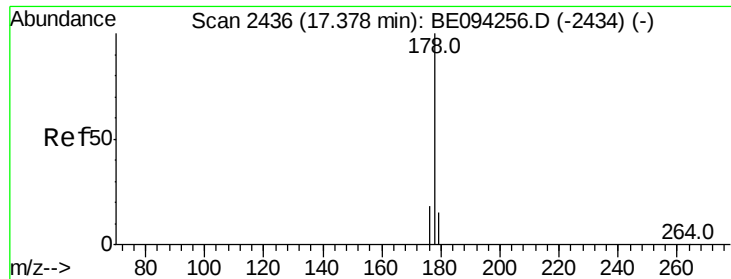
Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Tgt Ion:	178	Resp:	100960
Ion Ratio	Lower	Upper	
178	100		
179	17.6	18.4	27.6#
176	15.7	13.6	20.4





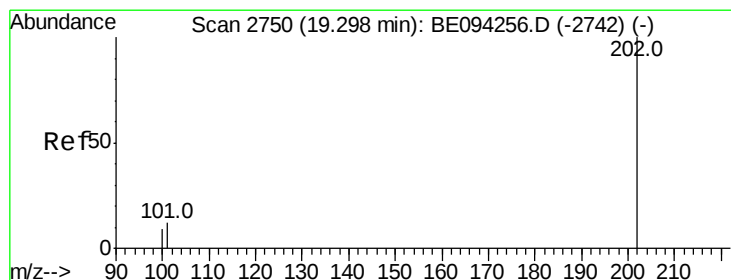
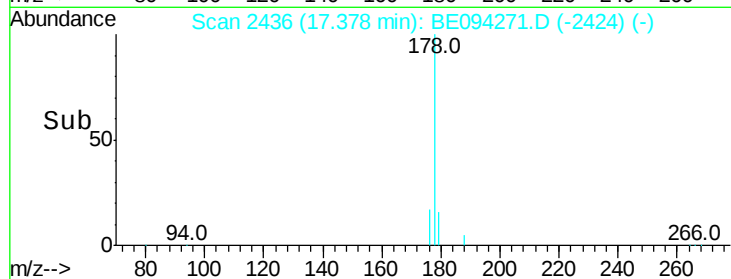
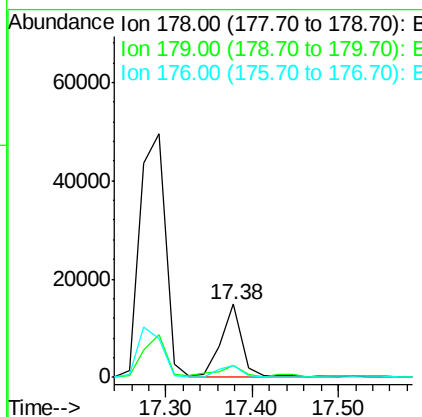
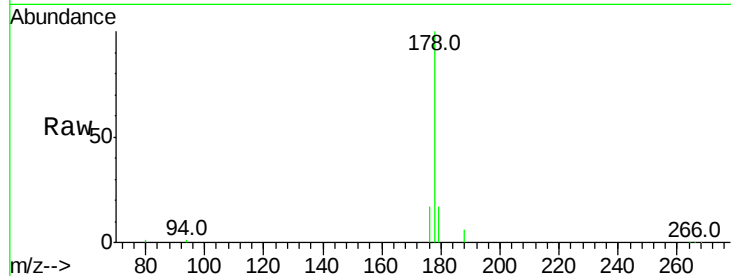
#13
 Anthracene
 Concen: 0.703 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094271.D
 Acq: 11 Oct 2017 3:27

Instrument :
 BNA_E
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Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	17.1	14.7	22.1

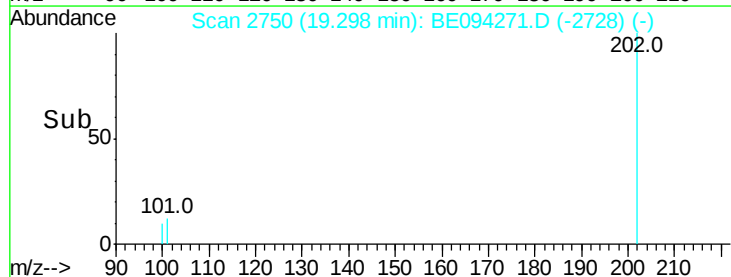
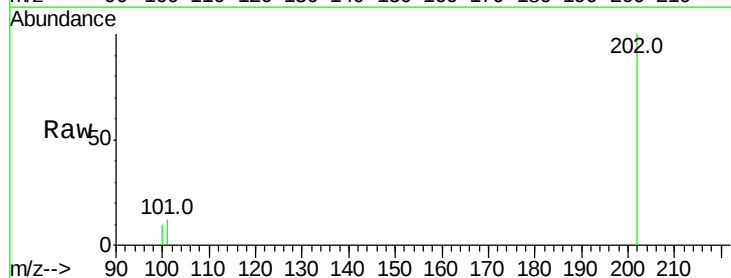
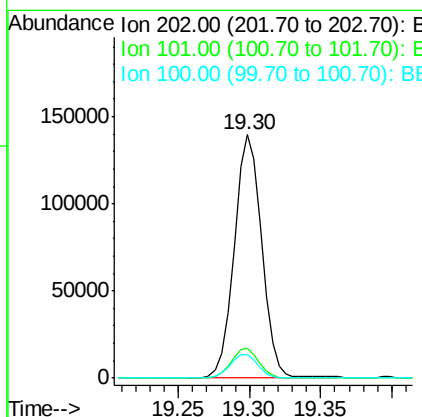
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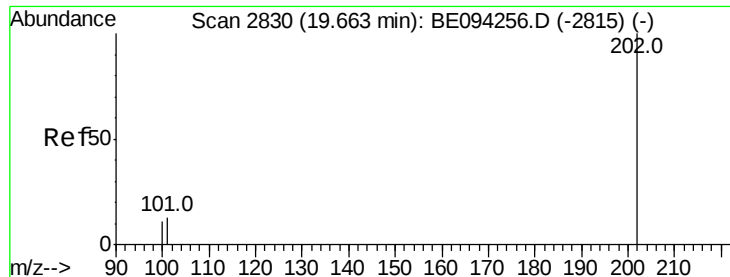
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#15
 Fluoranthene
 Concen: 3.957 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: BE094271.D
 Acq: 11 Oct 2017 3:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.3
100	9.8	0.0	39.5





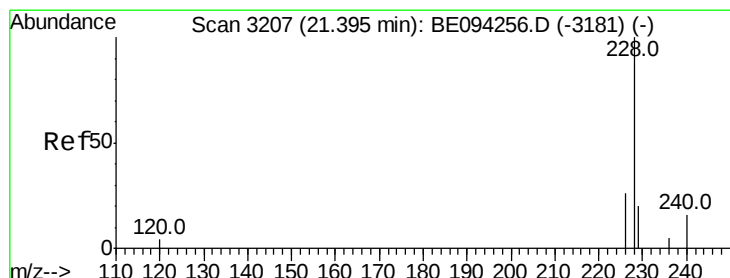
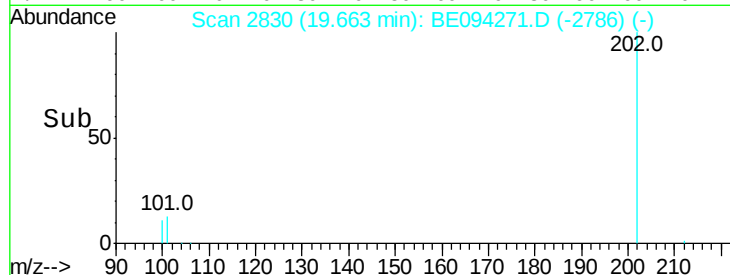
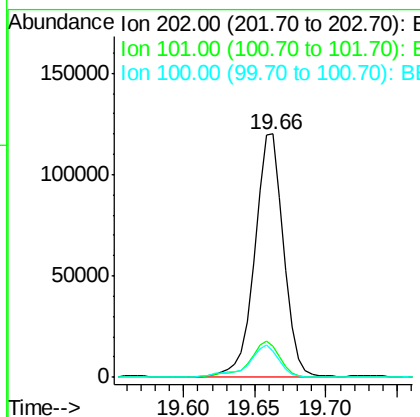
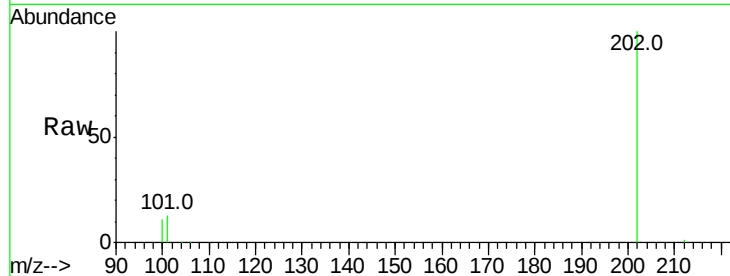
#17
Pvrene
Concen: 4.220 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BE094271.D
Acq: 11 Oct 2017 3:27

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	10.7	15.6	23.4#

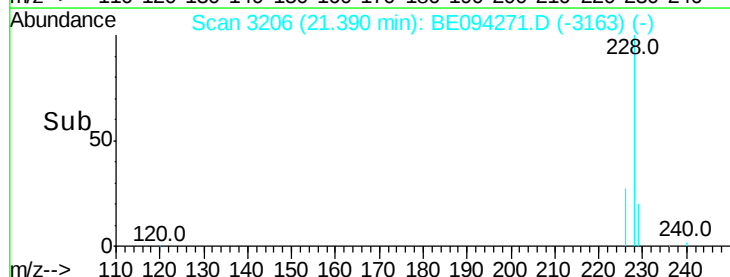
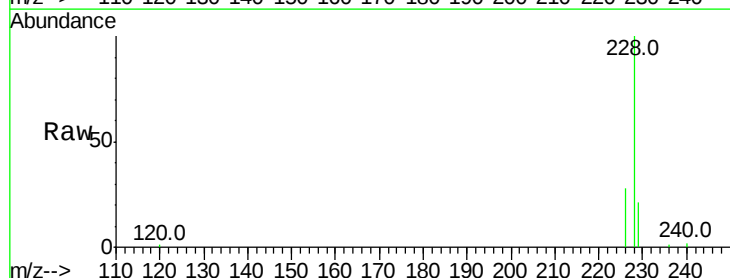
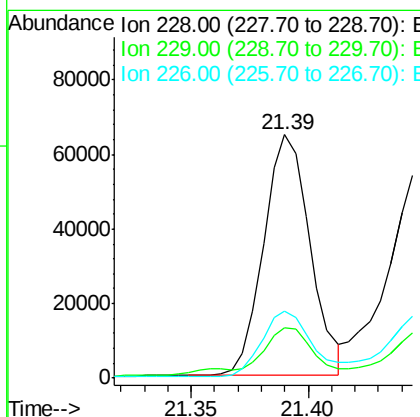
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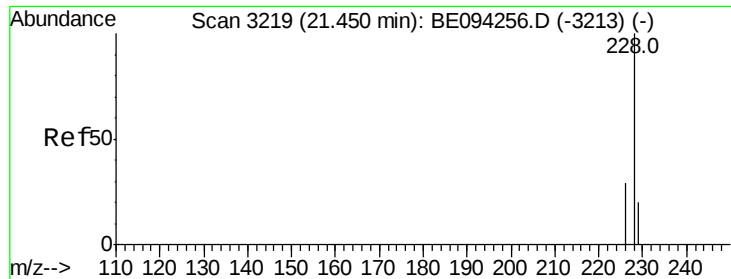
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#18
Benzo(a)anthracene
Concen: 2.332 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094271.D
Acq: 11 Oct 2017 3:27

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 1.839 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Instrument :

BNA_E

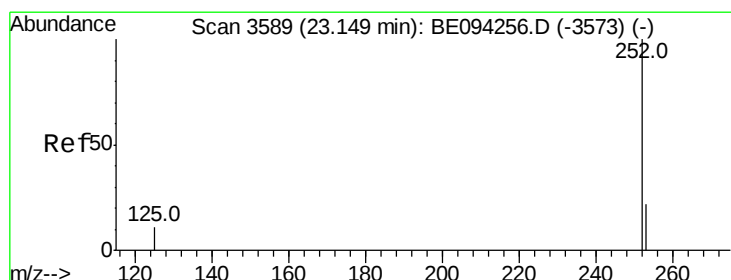
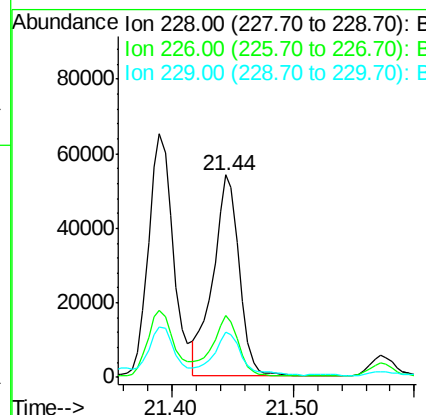
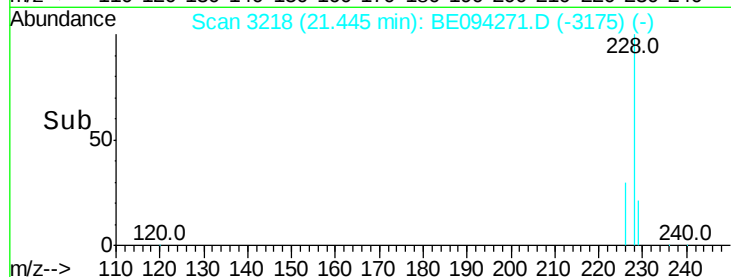
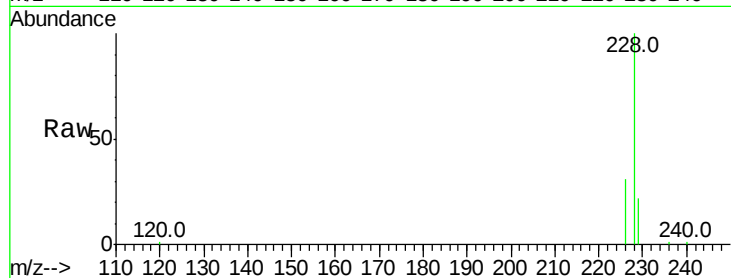
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Tot Ion:	228	Resp:	81607
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.598 ng/ul m

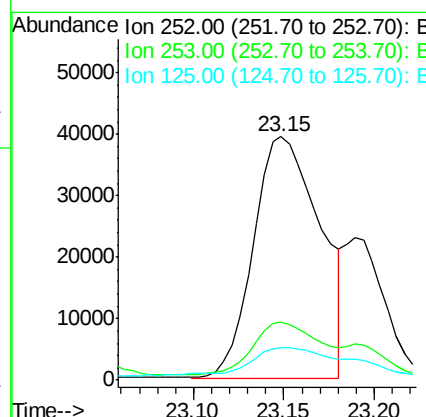
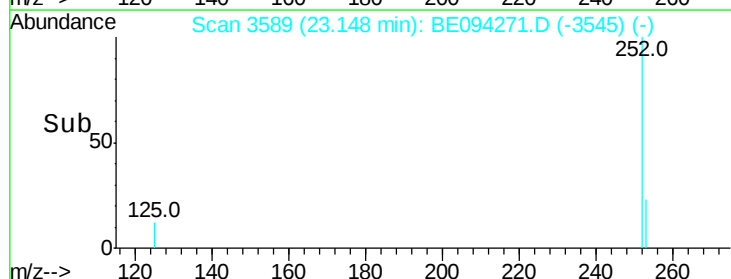
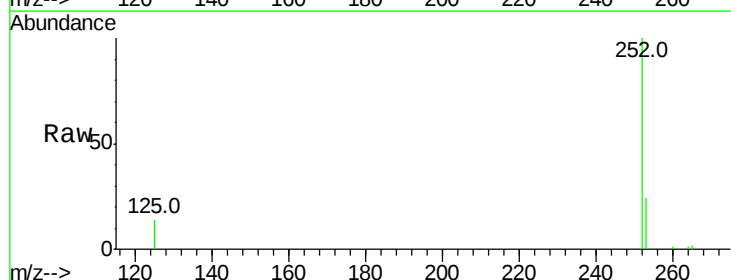
RT: 23.15 min Scan# 3589

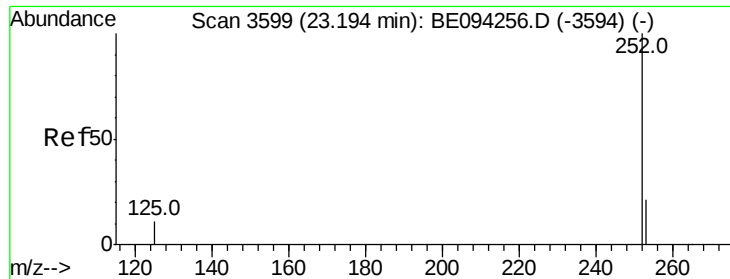
Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Tgt Ion:	252	Resp:	101602
Ion Ratio	Lower	Upper	
252	100		
253	24.0	0.0	64.2
125	13.5	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.793 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Instrument :

BNA_E

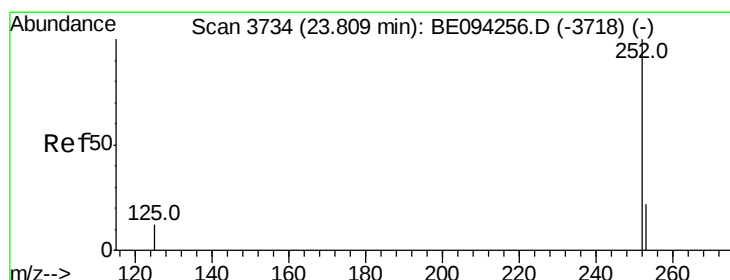
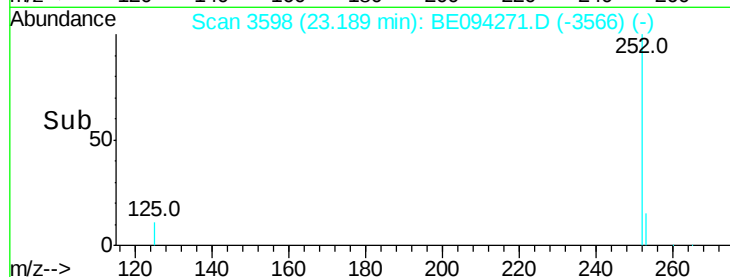
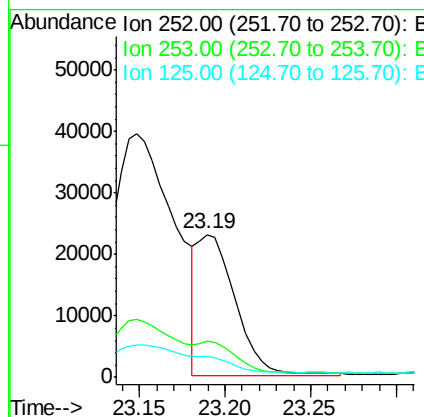
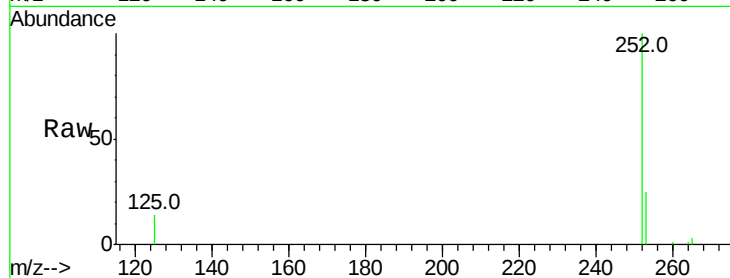
ClientSampleId :

B-77(1-3)-092817DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	24.5	36.7
125	14.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.852 ng/ul

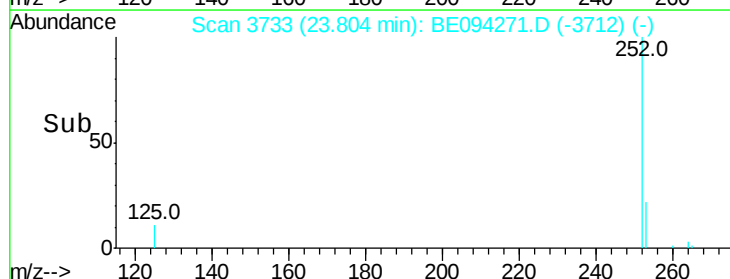
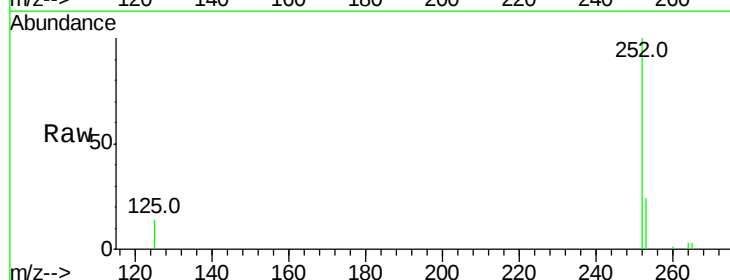
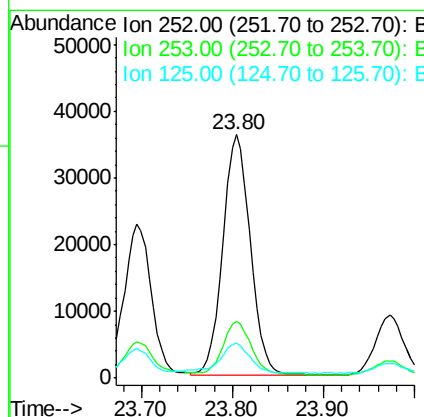
RT: 23.80 min Scan# 3733

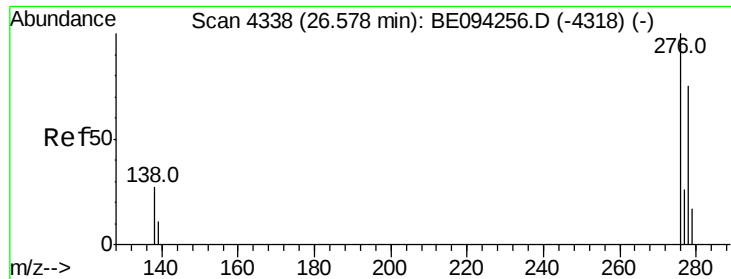
Delta R.T. -0.00 min

Lab File: BE094271.D

Acq: 11 Oct 2017 3:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	14.4	18.1	27.1#





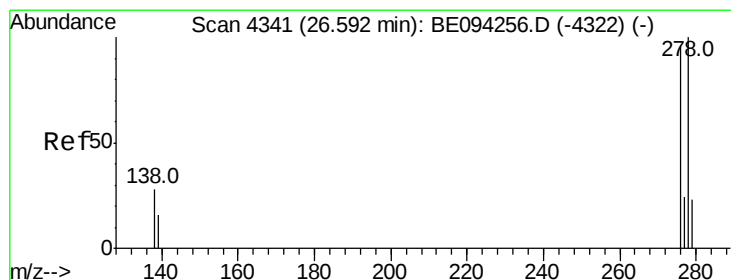
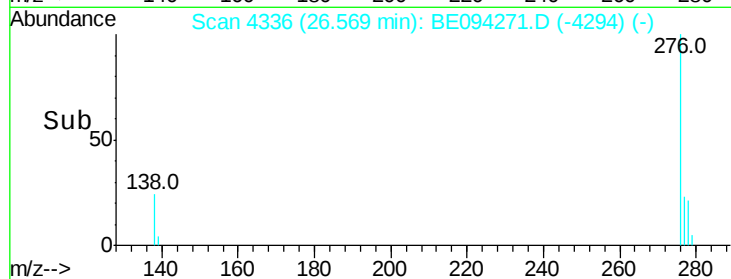
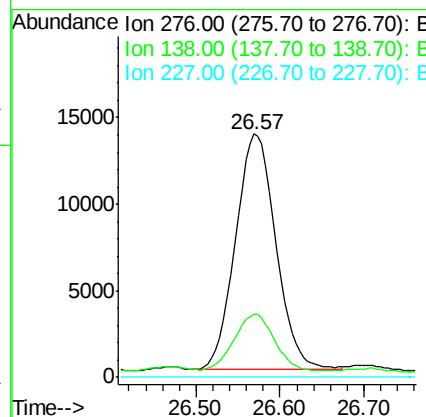
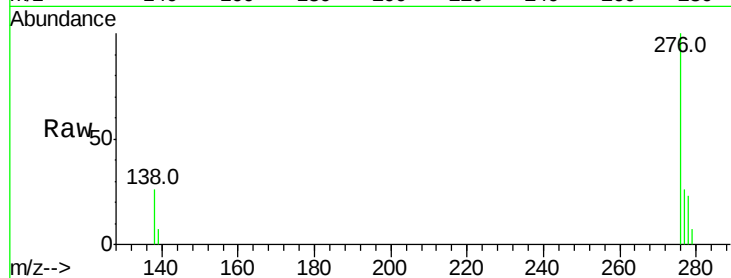
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.088 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.01 min
 Lab File: BE094271.D
 Acq: 11 Oct 2017 3:27

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#

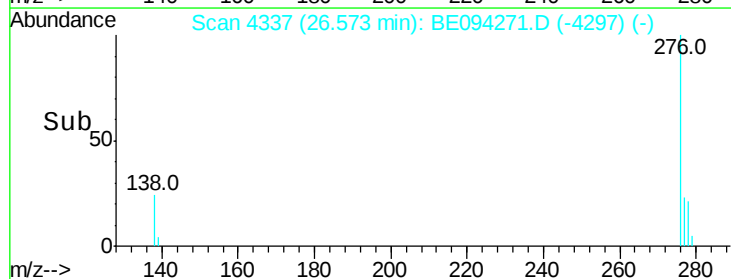
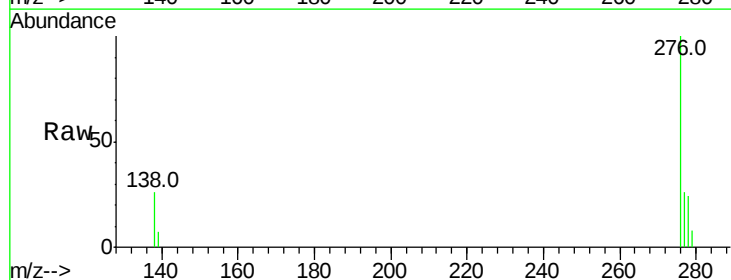
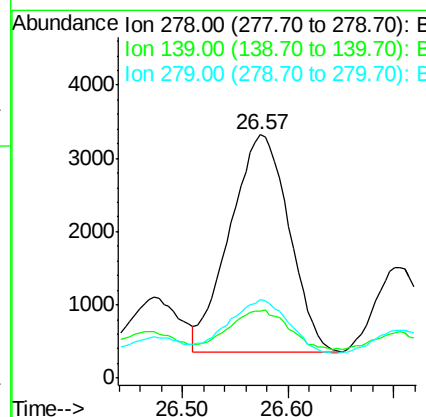
Manual Integrations
 APPROVED

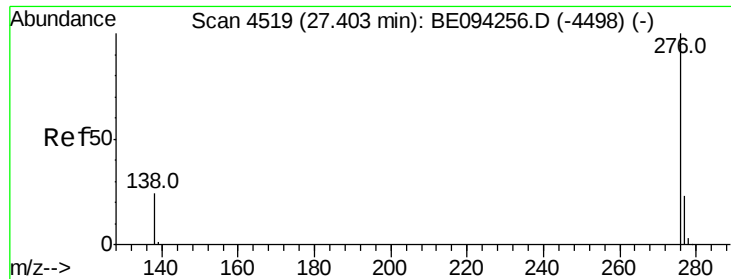
Sohil
 10/11/2017 7:20:31 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. -0.02 min
 Lab File: BE094271.D
 Acq: 11 Oct 2017 3:27

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	27.6	17.4	26.0#
279	32.1	25.9	38.9





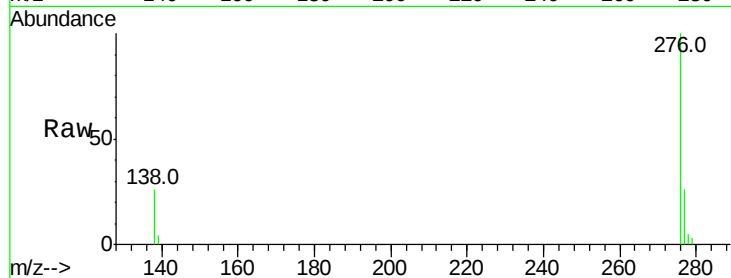
#26
 Benzo(a,h,i)perylene
 Concen: 1.108 ng/ul
 RT: 27.40 min Scan# 4518
 Delta R.T. -0.00 min
 Lab File: BE094271.D
 Acq: 11 Oct 2017 3:27

Instrument :
 BNA_E
 ClientSampleId :
 B-77(1-3)-092817DL

Tot Ion:	276	Resp:	39734
Ion Ratio	Lower	Upper	
276	100		
138	26.2	21.8	32.8
277	26.2	20.5	30.7

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:20:31 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

