

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094708.D
 Acq On : 3 Nov 2017 15:35
 Operator : SJ/JU
 Sample : I5825-06 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-61(5-6)-101117

Manual Integrations
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Sohil
 11/4/2017 2:15:14 PM

Quant Time: Nov 03 23:33:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 23:54:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1492	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	8727	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.51	164	4899	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	10607	0.40	ng/ul	-0.04
16) Chrysene-d12	21.42	240	10621	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	11489	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	636	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1507	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	2503	0.117	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	900	0.060	ng/ul	95
7) Acenaphthylene	14.24	152	1839	0.083	ng/ul	94
8) Acenaphthene	14.57	153	1790	0.112	ng/ul	96
9) Fluorene	15.56	166	2756	0.154	ng/ul	95
12) Phenanthrene	17.29	178	96577	3.447	ng/ul#	92
13) Anthracene	17.38	178	15481	0.560	ng/ul#	93
15) Fluoranthene	19.30	202	200972	6.205	ng/ul	84
17) Pyrene	19.66	202	166920	5.084	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	91090	3.000	ng/ul#	87
19) Chrysene	21.45	228	100931	3.216	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	115195m	3.564	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	43608m	1.259	ng/ul	
23) Benzo(a)pyrene	23.84	252	74351	2.302	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	42990	1.286	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.64	278	10050	0.357	ng/ul	96
26) Benzo(g,h,i)perylene	27.49	276	32906	1.226	ng/ul	97

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

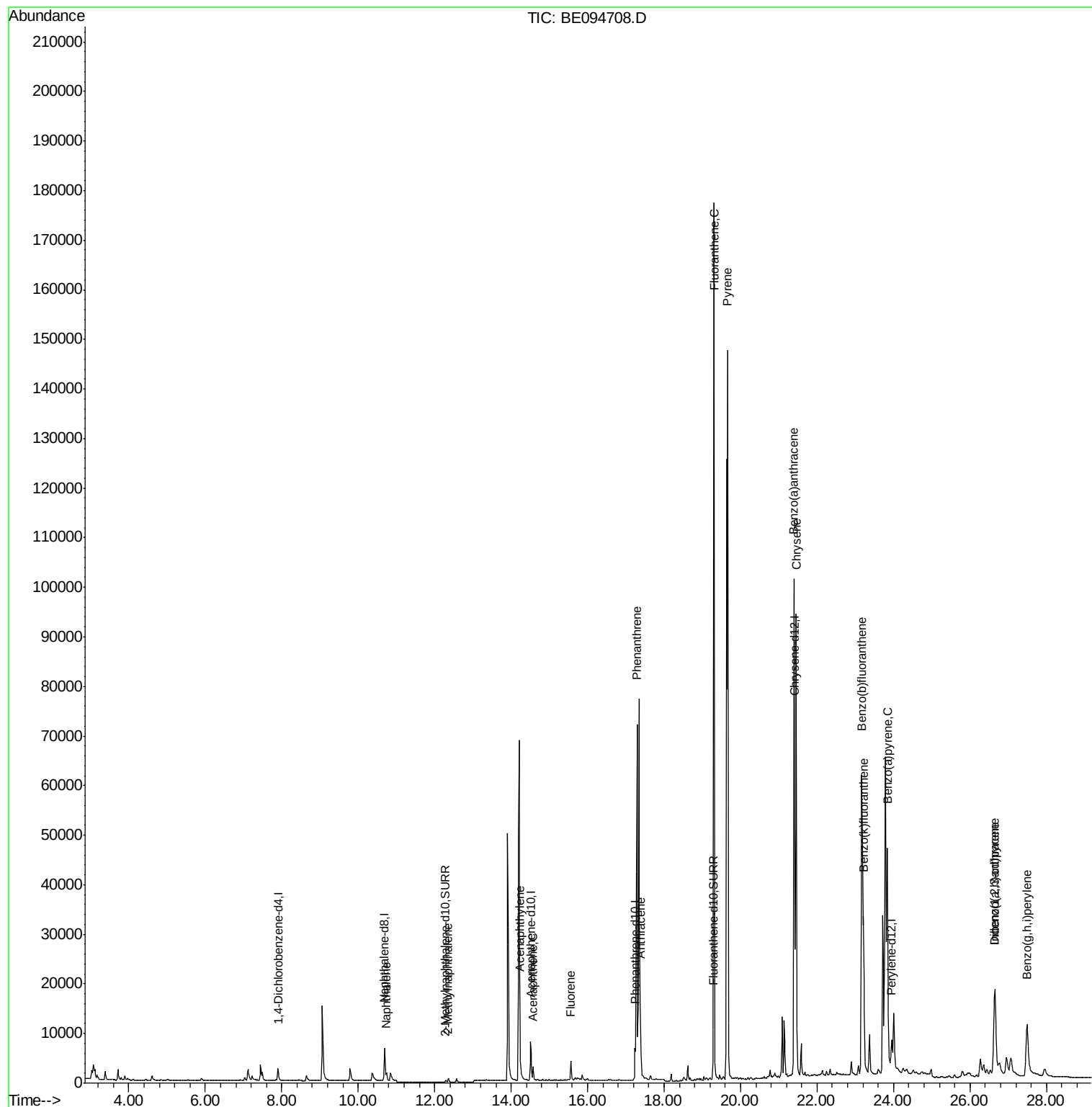
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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ALS Vial : 9 Sample Multiplier: 1

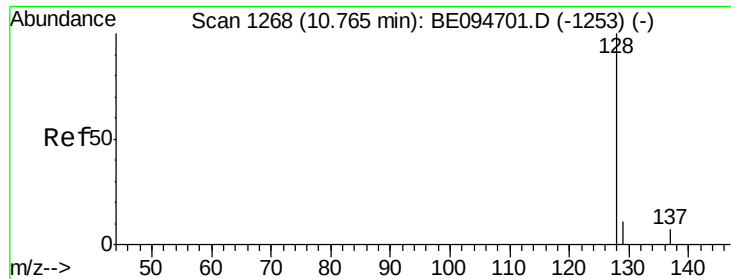
Instrument :
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#3

Naphthalene

Concen: 0.117 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Instrument :

BNA_E

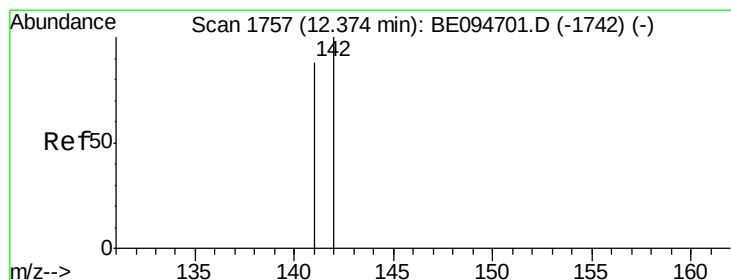
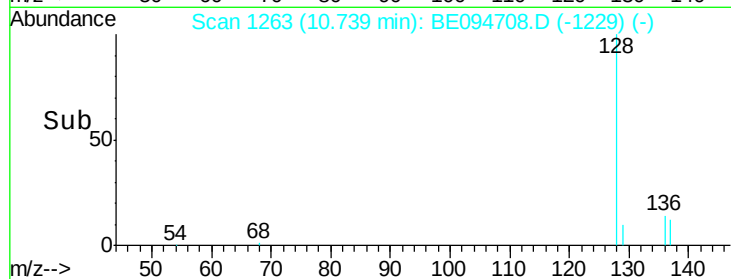
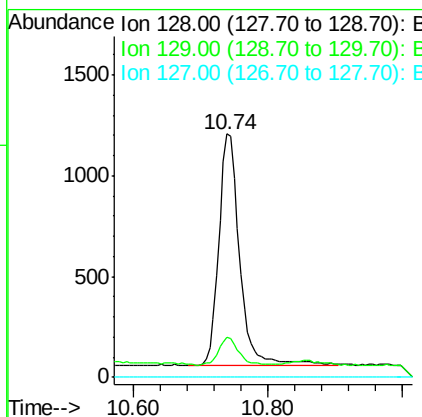
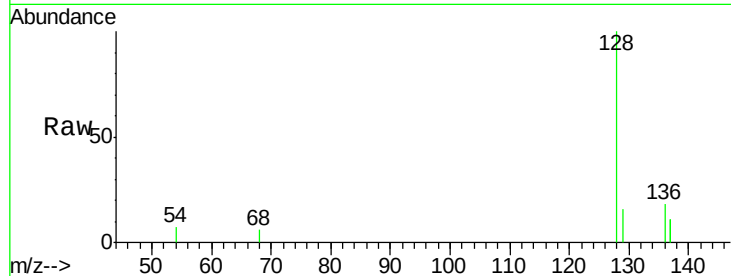
ClientSampleId :

B-61(5-6)-101117

Tgt Ion:	128	Resp:	2503
Ion Ratio	Lower	Upper	
128	100		
129	16.2	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.060 ng/ul

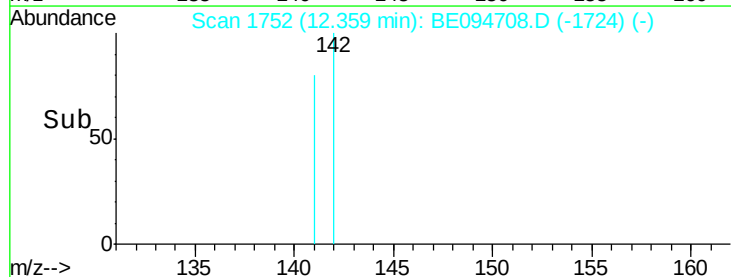
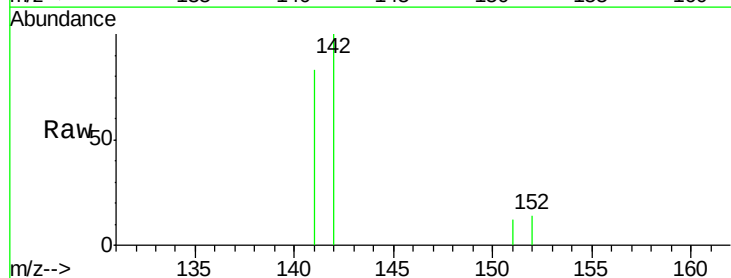
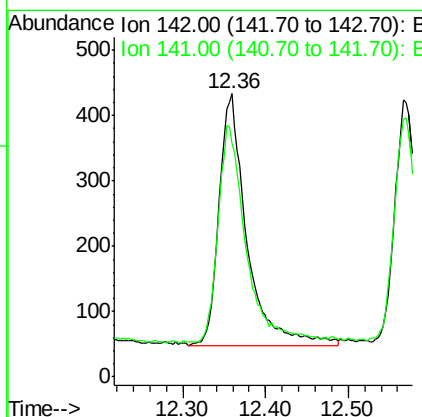
RT: 12.36 min Scan# 1752

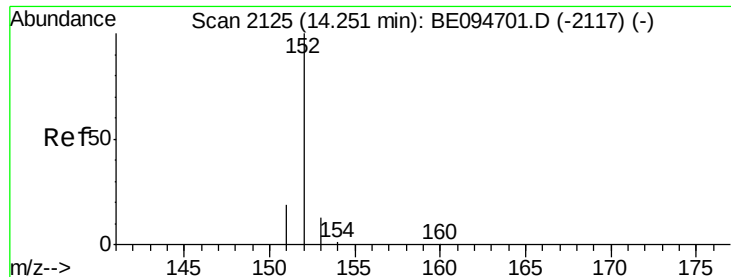
Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Tgt Ion:	142	Resp:	900
Ion Ratio	Lower	Upper	
142	100		
141	85.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.083 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Instrument :

BNA_E

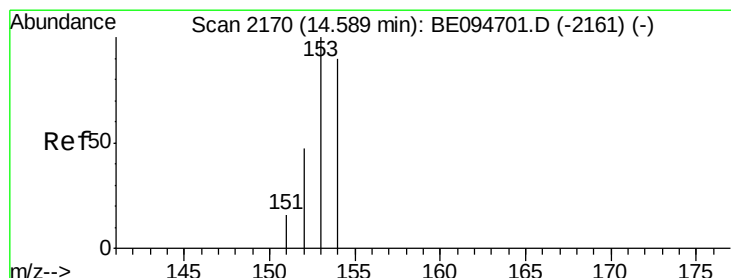
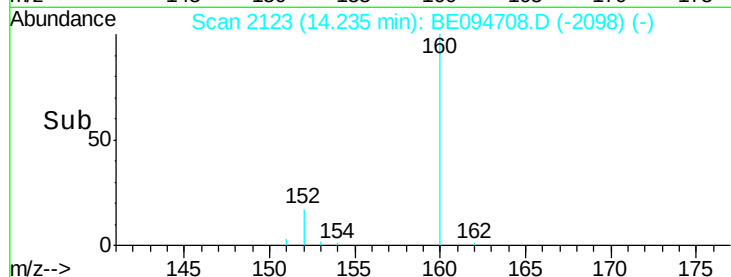
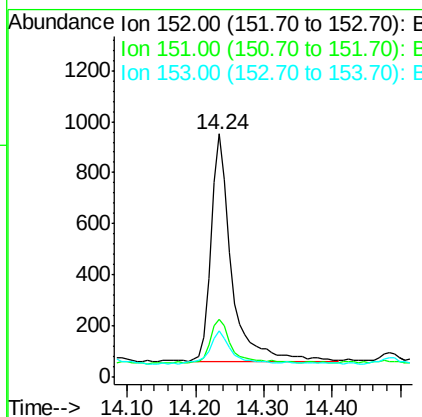
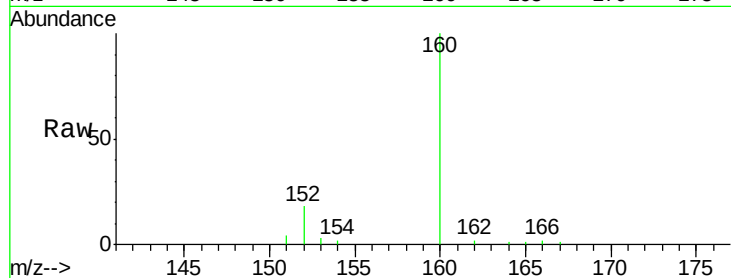
ClientSampleId :

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Tgt Ion:	152	Resp:	1839
Ion Ratio	Lower	Upper	
152	100		
151	23.9	17.1	25.7
153	19.0	12.8	19.2

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#8

Acenaphthene

Concen: 0.112 ng/ul

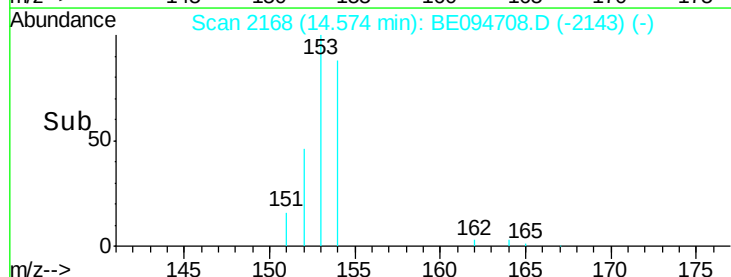
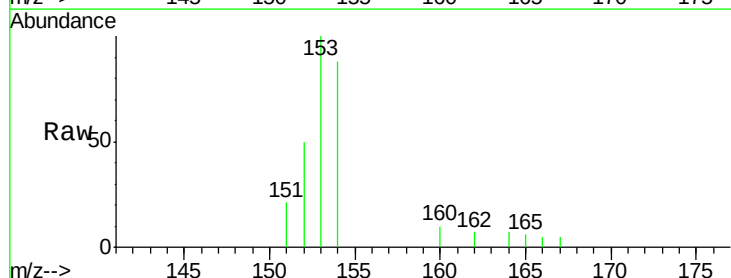
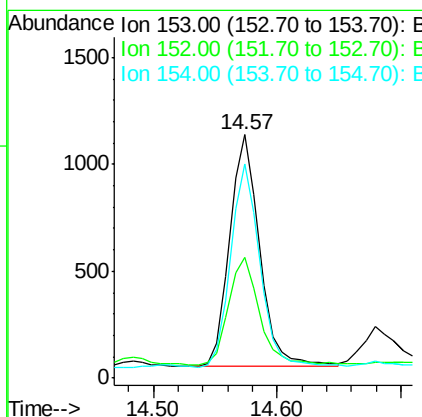
RT: 14.57 min Scan# 2168

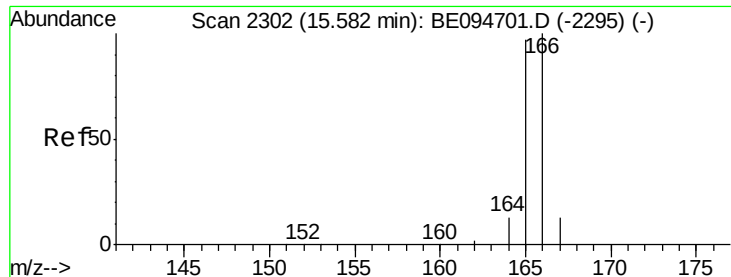
Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Tgt Ion:	153	Resp:	1790
Ion Ratio	Lower	Upper	
153	100		
152	49.9	36.0	54.0
154	88.1	72.0	108.0





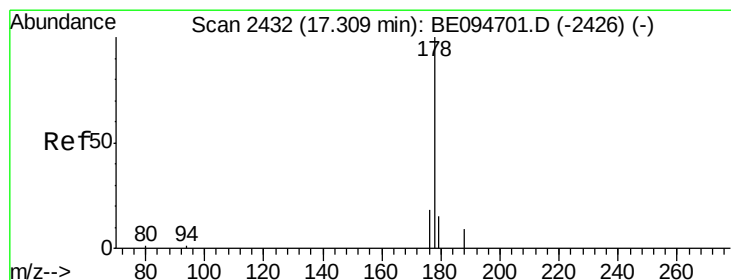
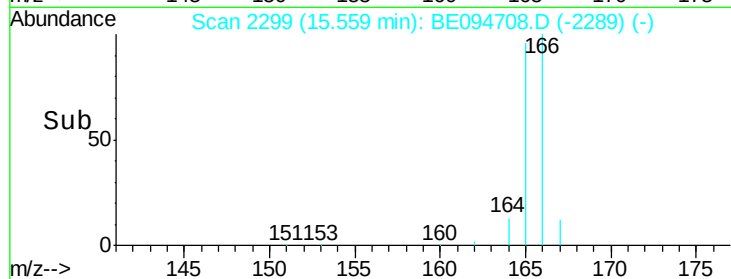
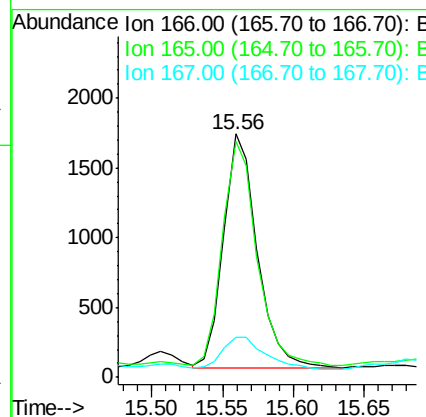
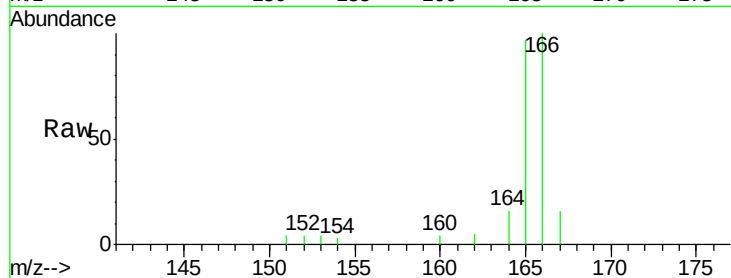
#9
Fluorene
 Concen: 0.154 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	73.4	110.2
167	16.3	14.6	22.0

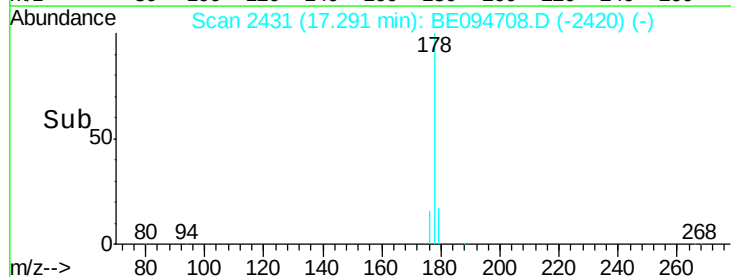
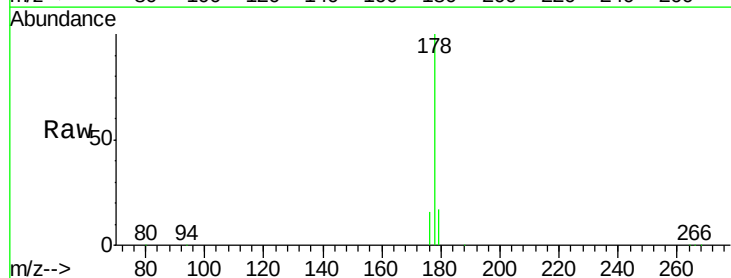
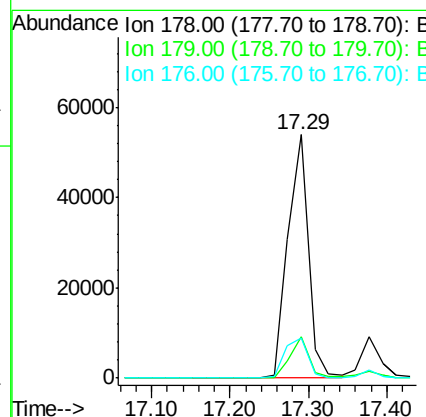
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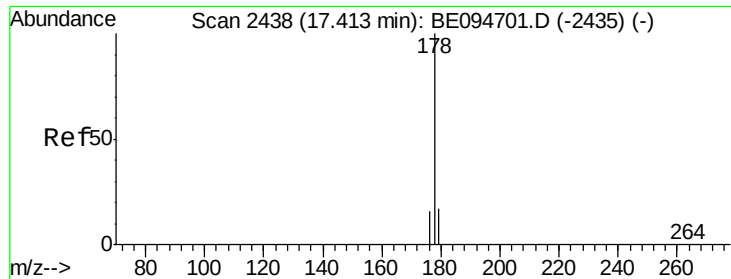
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#12
Phenanthrene
 Concen: 3.447 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.4	27.6#
176	16.3	13.6	20.4





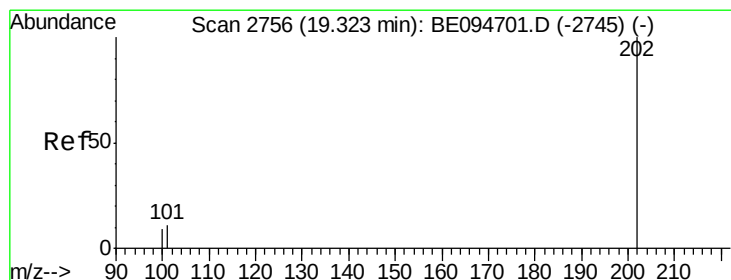
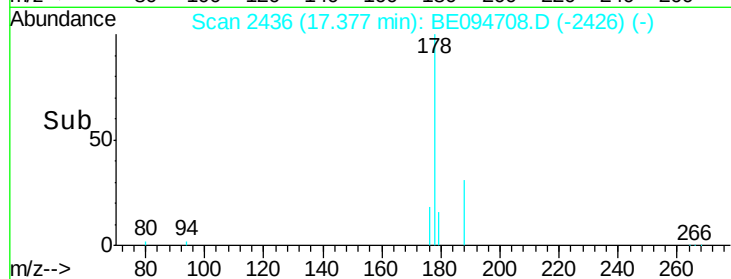
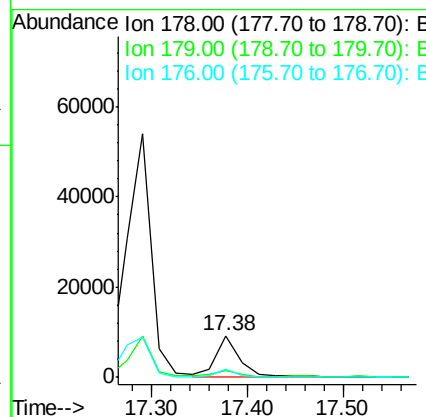
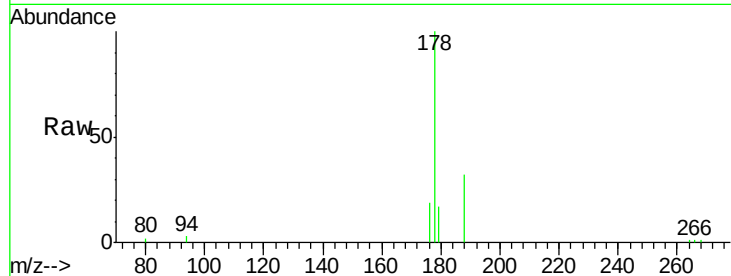
#13
 Anthracene
 Concen: 0.560 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.04 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	18.1	27.1#
176	18.5	14.7	22.1

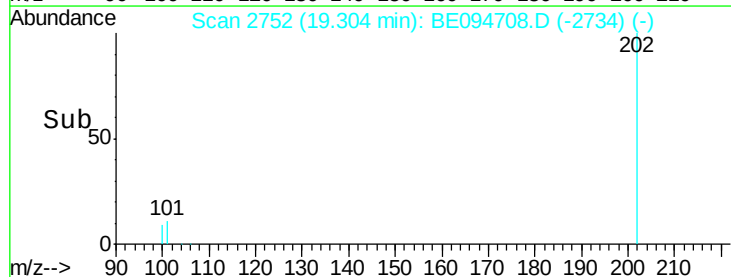
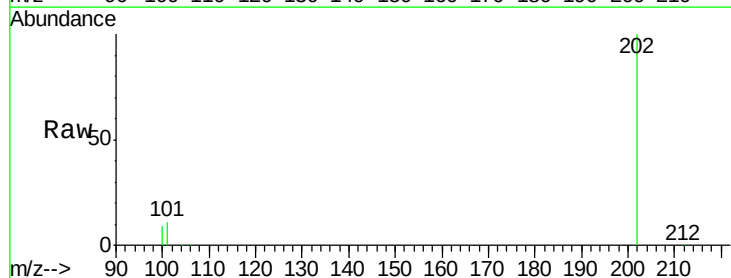
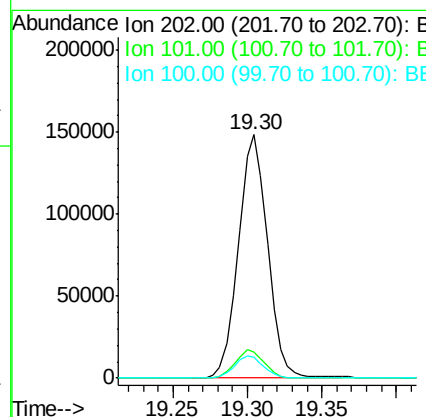
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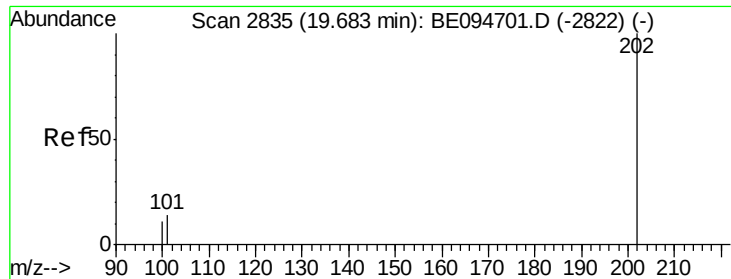
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#15
 Fluoranthene
 Concen: 6.205 ng/ul
 RT: 19.30 min Scan# 2752
 Delta R.T. -0.02 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5





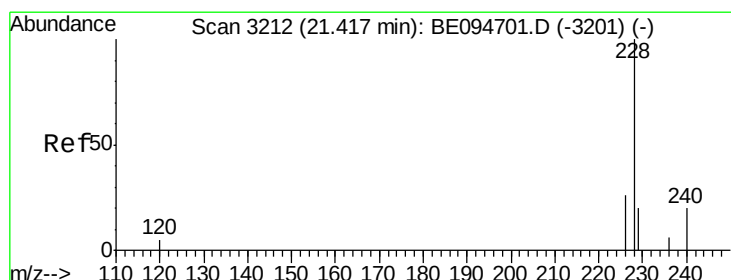
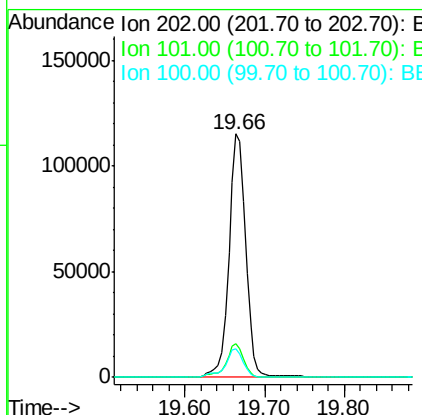
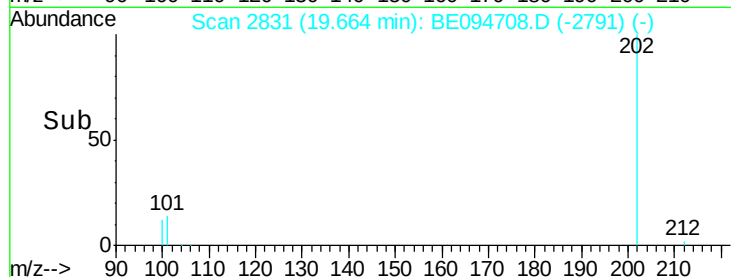
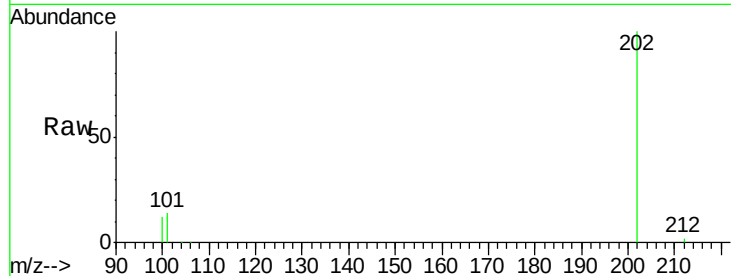
#17
Pyrene
 Concen: 5.084 ng/ul
 RT: 19.66 min Scan# 2831
 Delta R.T. -0.02 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	18.2	27.4#
100	11.9	15.6	23.4#

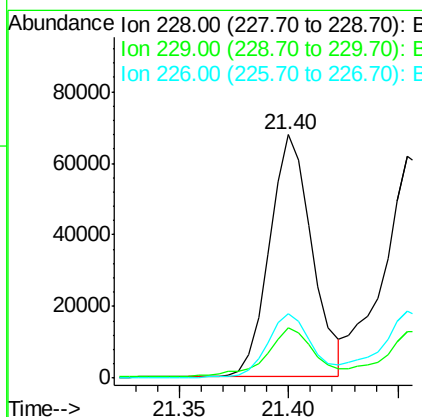
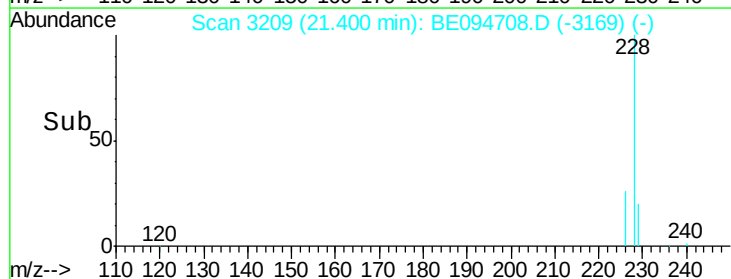
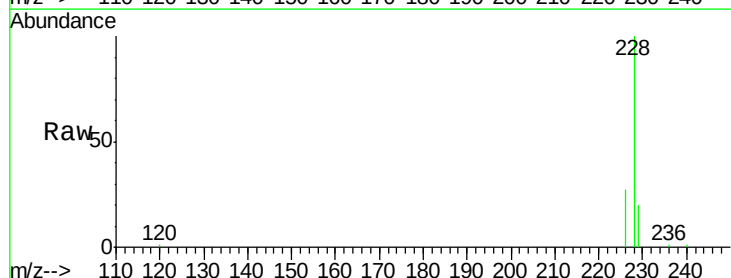
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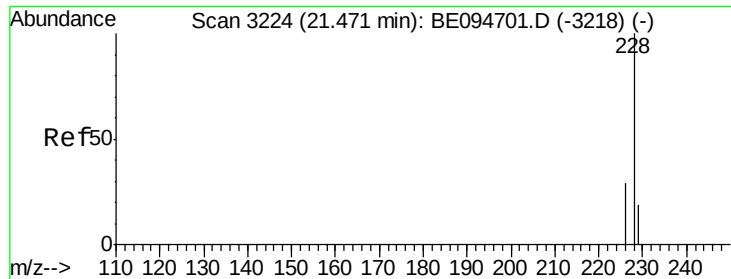
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#18
Benzo(a)anthracene
 Concen: 3.000 ng/ul
 RT: 21.40 min Scan# 3209
 Delta R.T. -0.02 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	22.8	34.2#
226	26.5	17.0	25.6#





#19

Chrysene

Concen: 3.216 ng/ul

RT: 21.45 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Instrument :

BNA_E

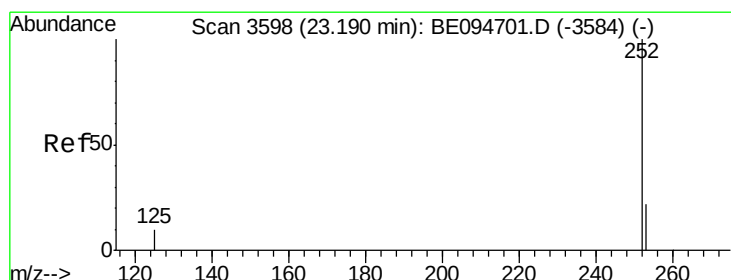
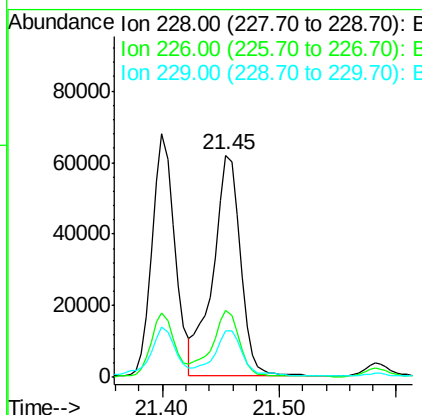
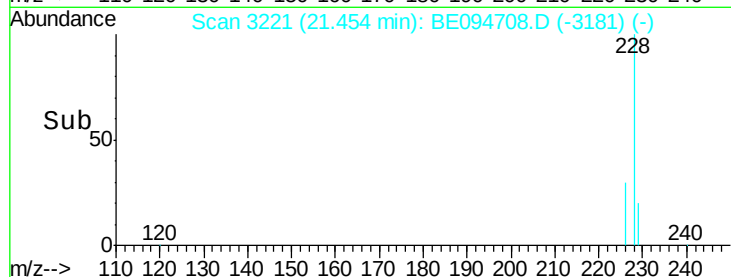
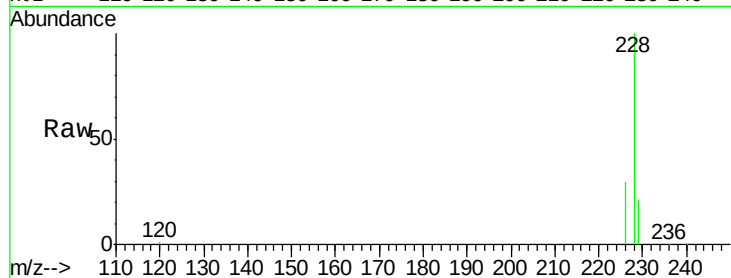
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Tgt Ion:	228	Resp:	100931
Ion Ratio		Lower	Upper
228	100		
226	30.1	23.4	35.0
229	21.0	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 3.564 ng/ul m

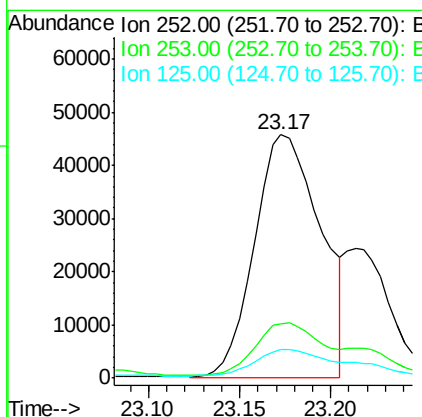
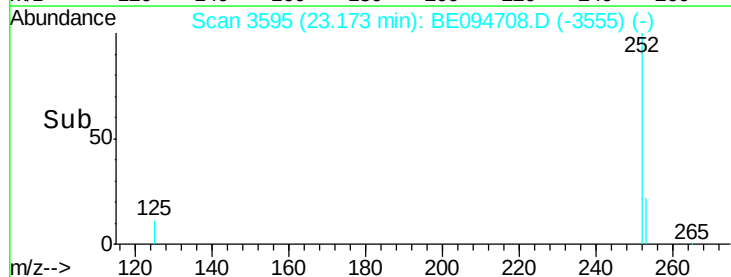
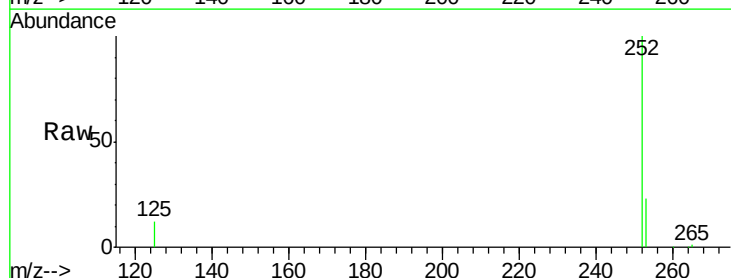
RT: 23.17 min Scan# 3595

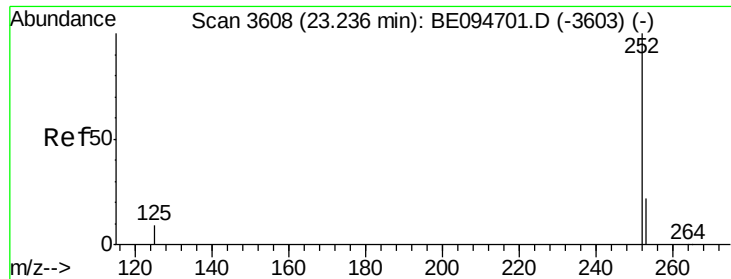
Delta R.T. -0.02 min

Lab File: BE094708.D

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Tgt Ion:	252	Resp:	115195
Ion Ratio		Lower	Upper
252	100		
253	22.5	0.0	64.2
125	11.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.259 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Instrument :

BNA_E

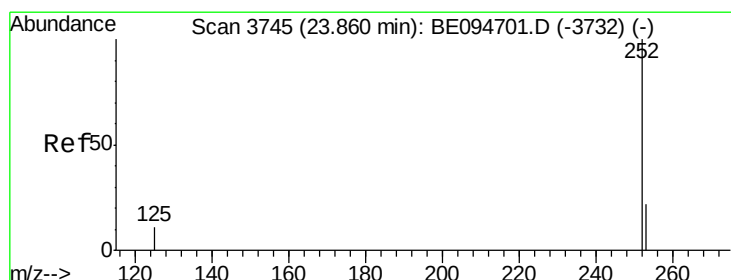
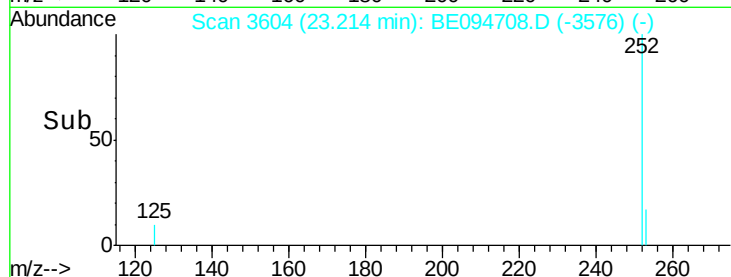
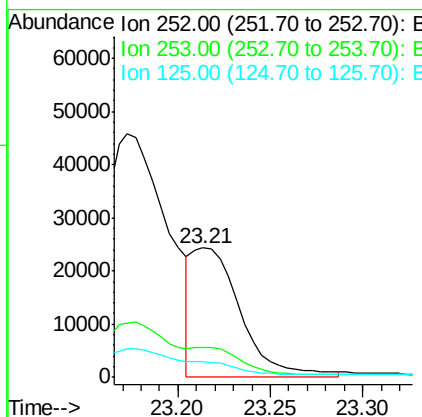
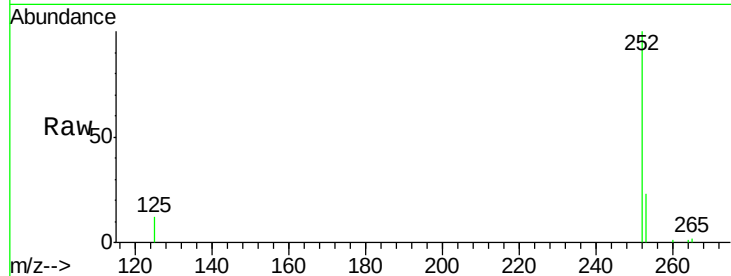
ClientSampleId :

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Tgt Ion:	252	Resp:	43608
Ion Ratio	Lower	Upper	
252	100		
253	23.2	24.5	36.7#
125	12.3	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 2.302 ng/ul

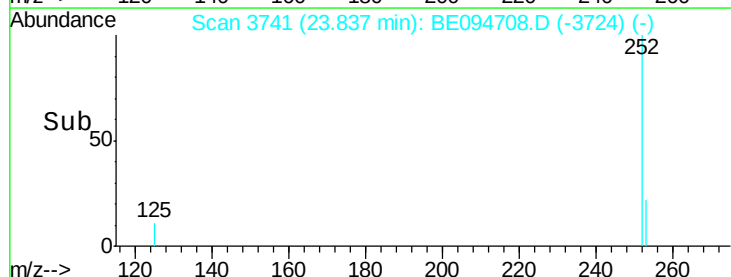
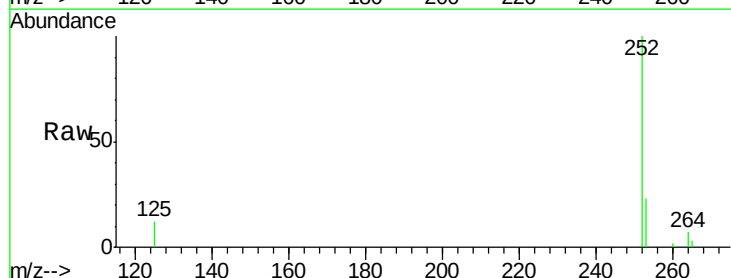
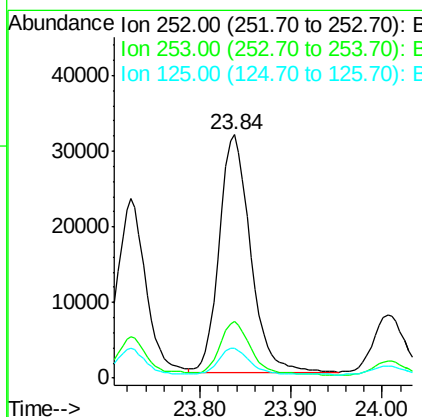
RT: 23.84 min Scan# 3741

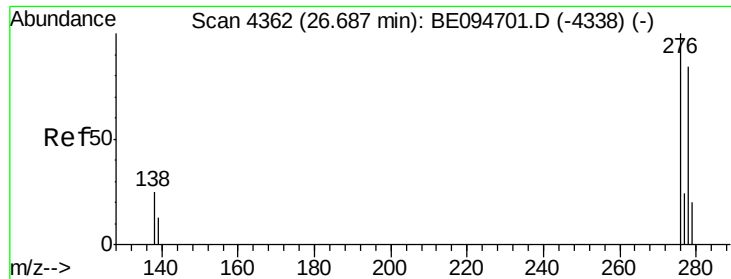
Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Tgt Ion:	252	Resp:	74351
Ion Ratio	Lower	Upper	
252	100		
253	23.1	28.5	42.7#
125	12.4	18.1	27.1#





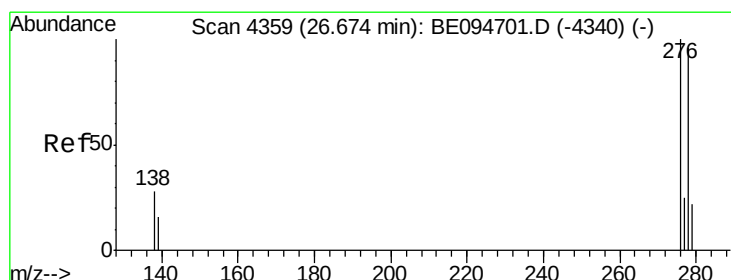
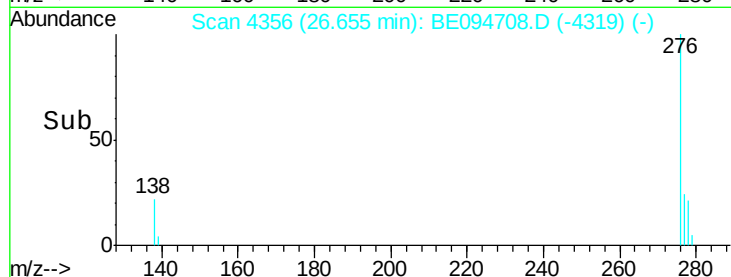
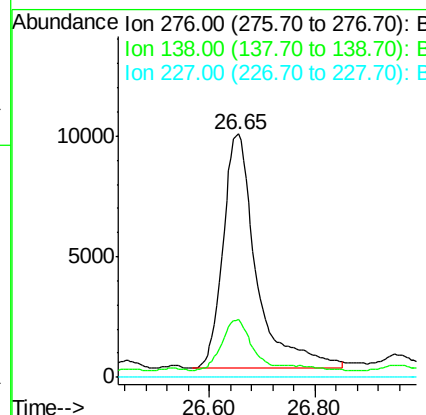
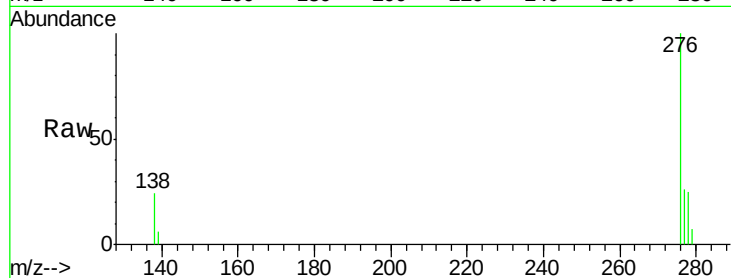
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.286 ng/ul
 RT: 26.65 min Scan# 4356
 Delta R.T. -0.03 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Instrument :
 BNA_E
 ClientSampleId :
 B-61(5-6)-101117

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	28.0	42.0#
227	0.0	8.0	12.0#

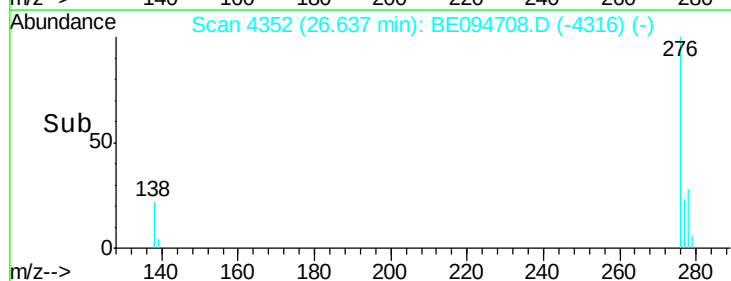
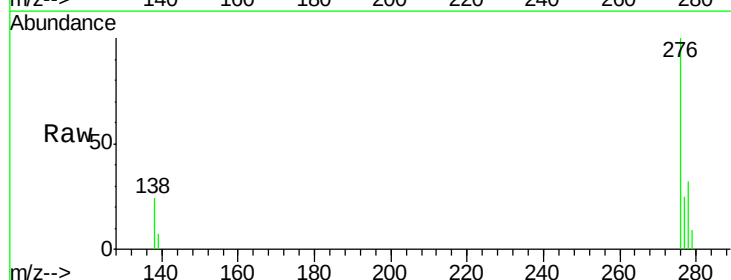
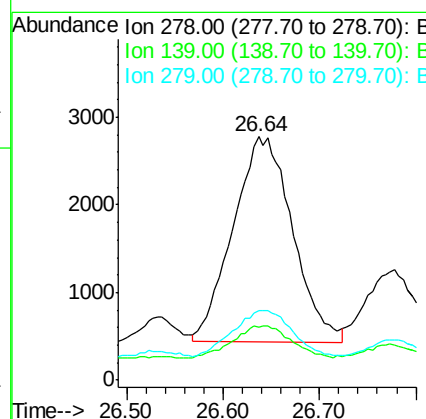
Manual Integrations
 APPROVED

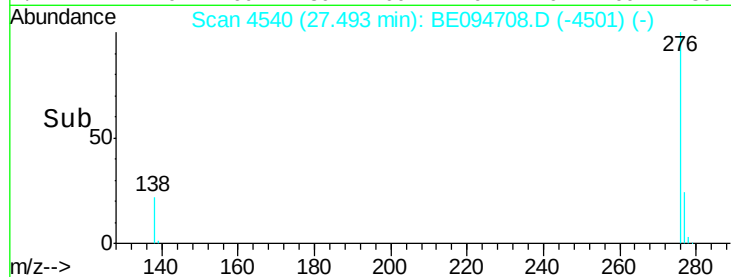
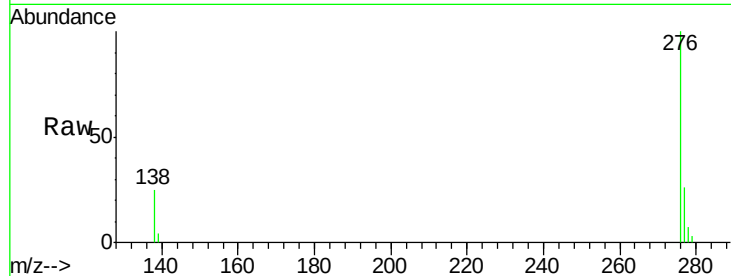
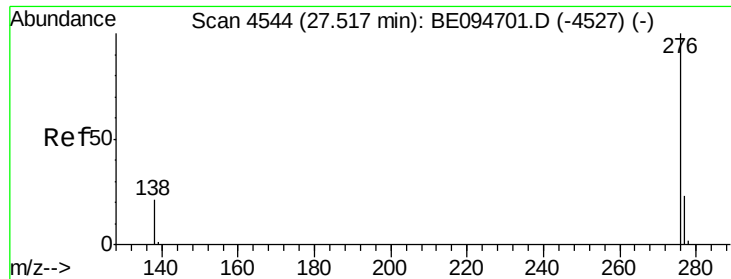
Sohil
 11/4/2017 2:15:14 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.357 ng/ul
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.04 min
 Lab File: BE094708.D
 Acq: 3 Nov 2017 15:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.4	26.0
279	28.5	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 1.226 ng/ul

RT: 27.49 min Scan# 4540

Delta R.T. -0.02 min

Lab File: BE094708.D

Acq: 3 Nov 2017 15:35

Instrument :

BNA_E

ClientSampleId :

B-61(5-6)-101117

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.8	21.8	32.8
277	25.8	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:14 PM

