

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
 Data File : BE094705.D
 Acq On : 3 Nov 2017 13:48
 Operator : SJ/JU
 Sample : I5825-02 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-63(0-1)-101117

Manual Integrations
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Sohil
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Quant Time: Nov 03 23:17:38 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	1344	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.68	136	7862	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.51	164	4490	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9359	0.40	ng/ul	-0.04
16) Chrysene-d12	21.42	240	9259	0.40	ng/ul	-0.02
20) Perylene-d12	23.95	264	10383	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	681	0.05	ng/ul	-0.03
14) Fluoranthene-d10	19.27	212	1386	0.05	ng/ul	-0.02
Target Compounds				Qvalue		
3) Naphthalene	10.73	128	17189	0.894	ng/ul#	94
5) 2-Methylnaphthalene	12.34	142	3513	0.261	ng/ul	95
7) Acenaphthylene	14.24	152	4334	0.213	ng/ul#	90
8) Acenaphthene	14.57	153	7768	0.532	ng/ul	98
9) Fluorene	15.56	166	9152	0.558	ng/ul	93
12) Phenanthrene	17.29	178	137906	5.579	ng/ul#	93
13) Anthracene	17.38	178	34815	1.427	ng/ul#	93
15) Fluoranthene	19.30	202	322803	11.295	ng/ul	84
17) Pyrene	19.66	202	281853	9.847	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	152736	5.770	ng/ul#	87
19) Chrysene	21.46	228	146535	5.356	ng/ul	100
21) Benzo(b)fluoranthene	23.17	252	198572m	6.799	ng/ul	
22) Benzo(k)fluoranthene	23.21	252	69722m	2.228	ng/ul	
23) Benzo(a)pyrene	23.84	252	138665	4.750	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.65	276	81415	2.695	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	17987	0.707	ng/ul	95
26) Benzo(g,h,i)perylene	27.48	276	66557	2.744	ng/ul	97

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

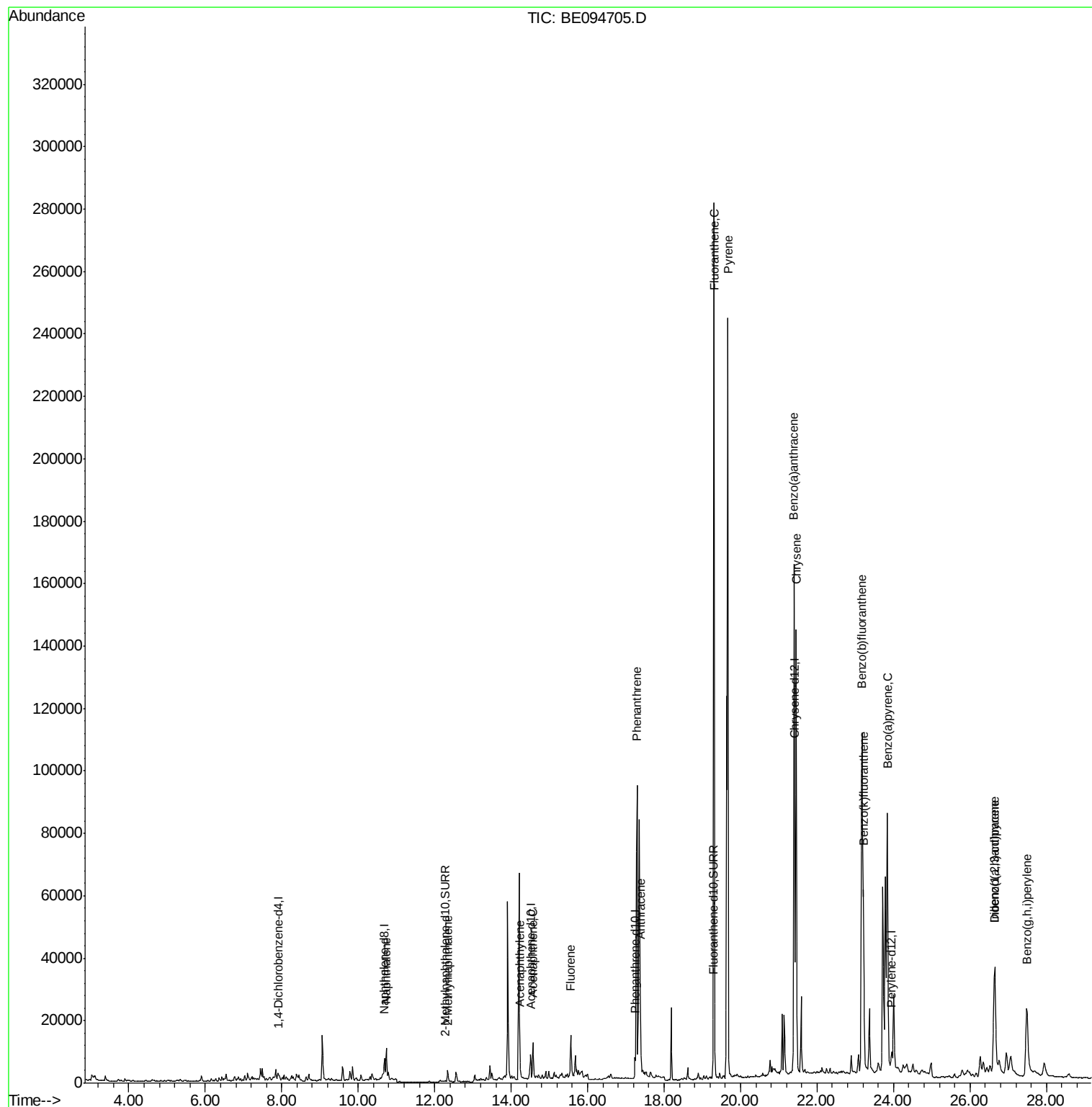
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110317\
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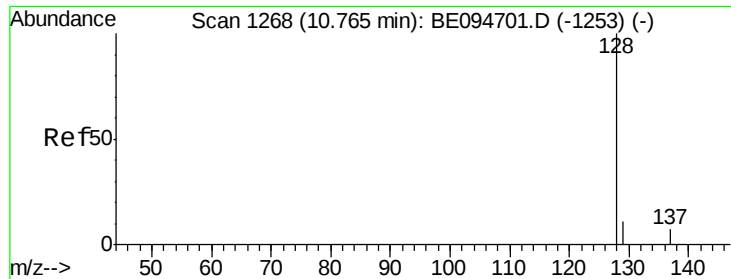
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#3

Naphthalene

Concen: 0.894 ng/ul

RT: 10.73 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

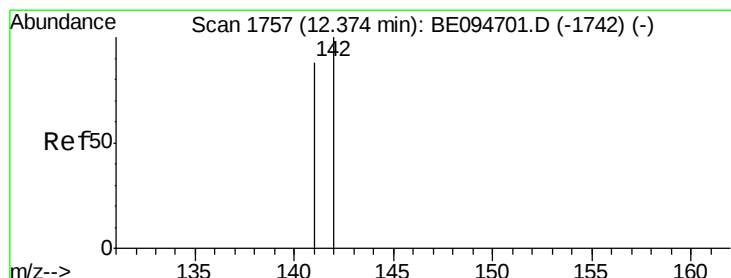
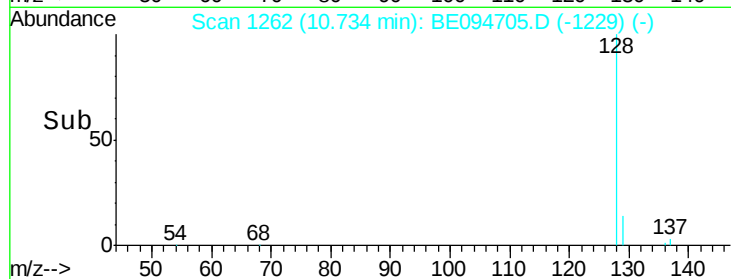
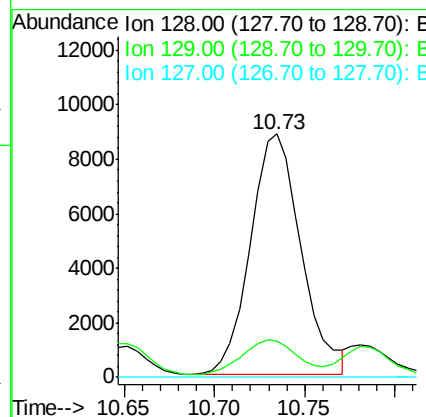
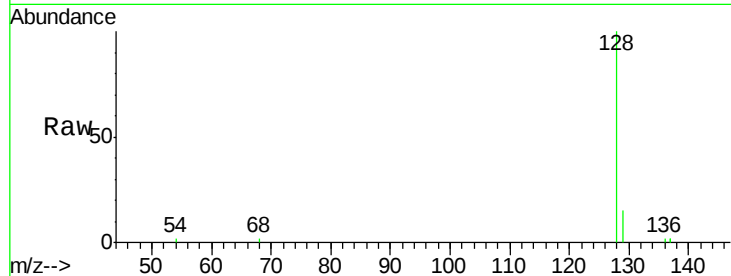
ClientSampleId :

B-63(0-1)-101117

Tgt Ion:	128	Resp:	17189
Ion Ratio	Lower	Upper	
128	100		
129	15.1	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.261 ng/ul

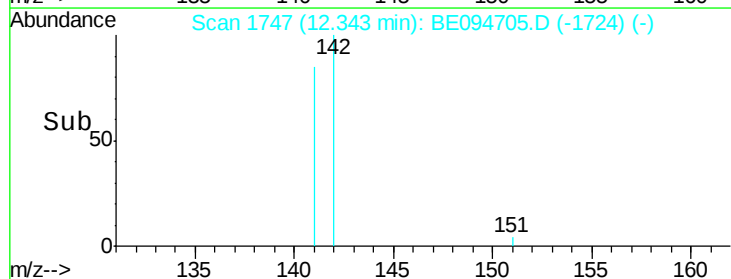
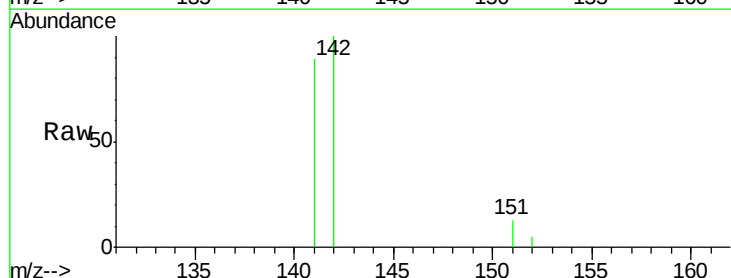
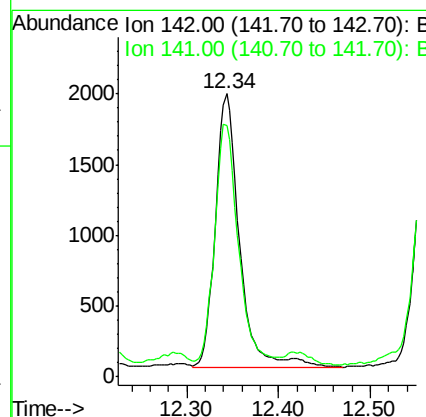
RT: 12.34 min Scan# 1747

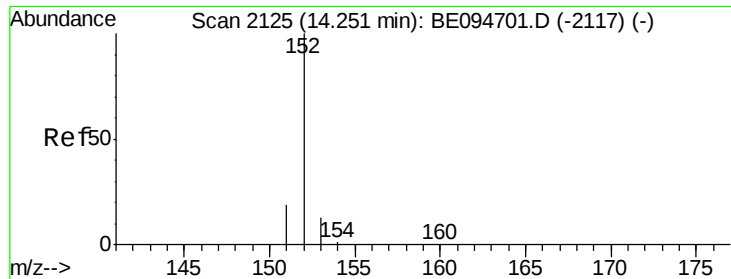
Delta R.T. -0.03 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Tgt Ion:	142	Resp:	3513
Ion Ratio	Lower	Upper	
142	100		
141	86.1	72.6	108.8





#7

Acenaphthylene

Concen: 0.213 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

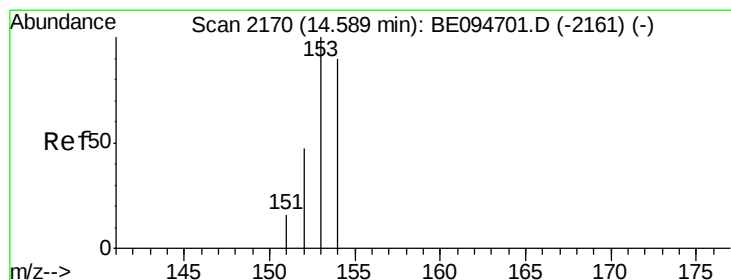
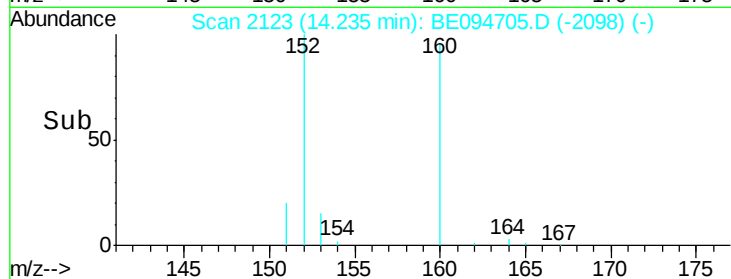
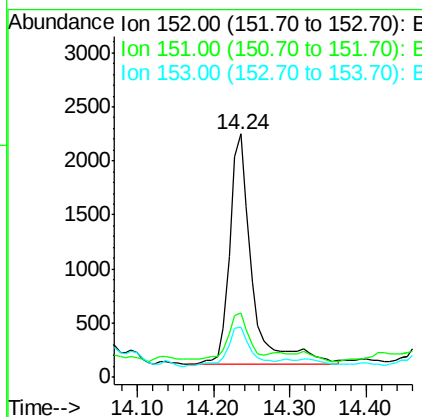
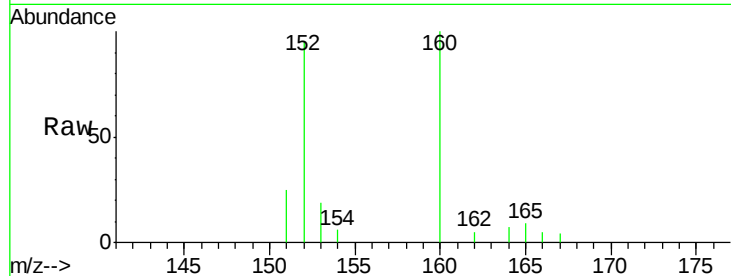
ClientSampleId :

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Tgt Ion:	152	Resp:	4334
Ion Ratio	Lower	Upper	
152	100		
151	26.2	17.1	25.7#
153	20.5	12.8	19.2#

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#8

Acenaphthene

Concen: 0.532 ng/ul

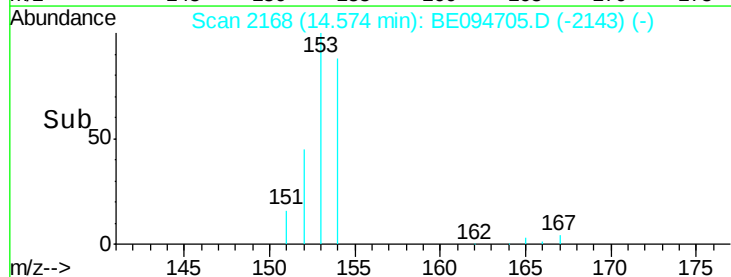
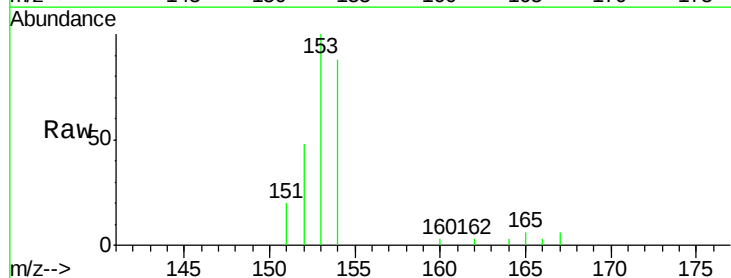
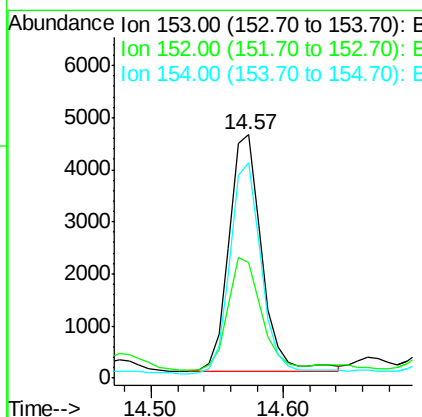
RT: 14.57 min Scan# 2168

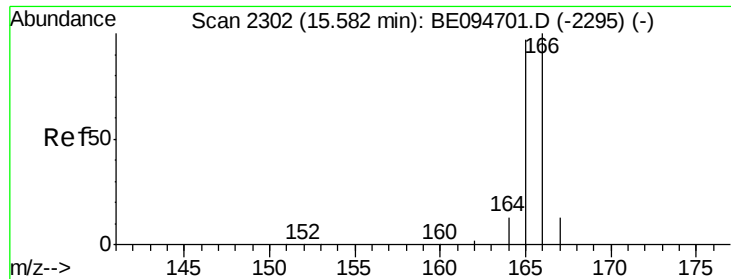
Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Tgt Ion:	153	Resp:	7768
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.0	54.0
154	88.5	72.0	108.0





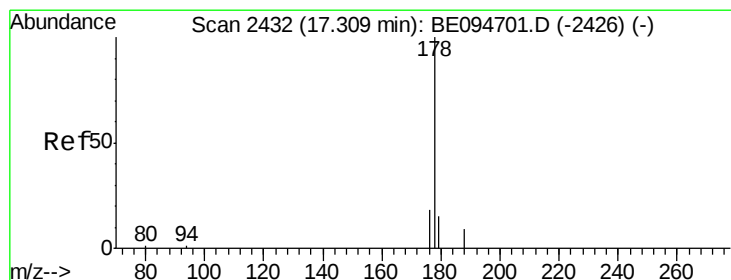
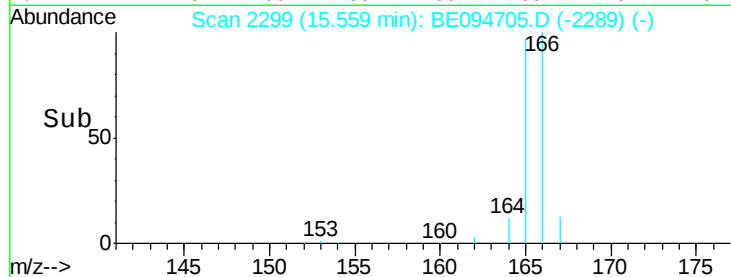
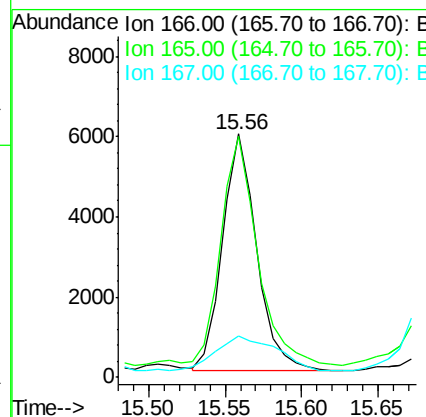
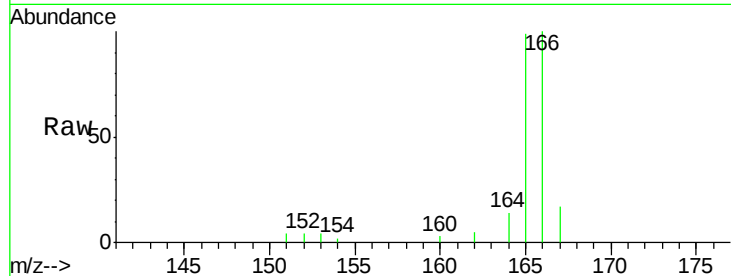
#9
Fluorene
 Concen: 0.558 ng/ul
 RT: 15.56 min Scan# 2299
 Delta R.T. -0.02 min
 Lab File: BE094705.D
 Acq: 3 Nov 2017 13:48

Instrument :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	73.4	110.2
167	17.1	14.6	22.0

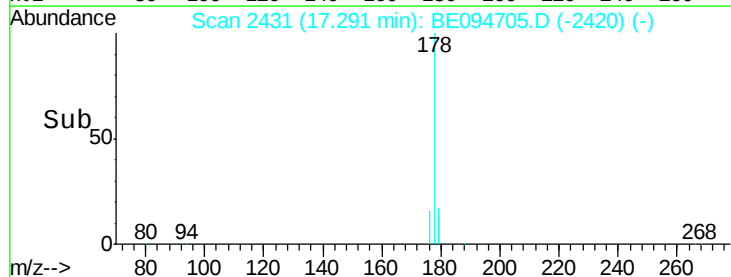
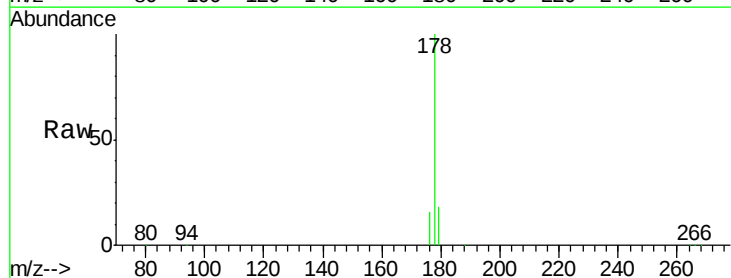
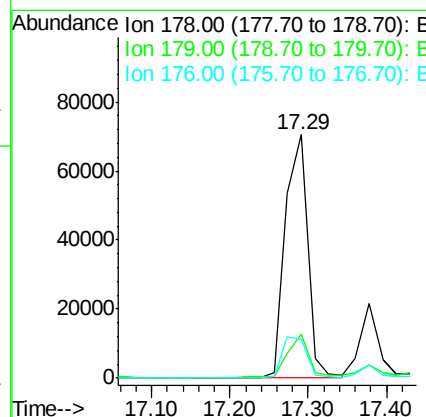
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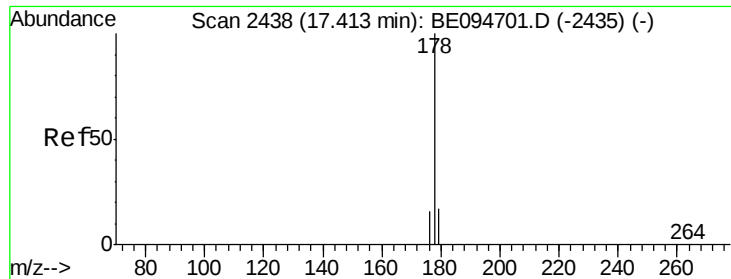
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#12
Phenanthrene
 Concen: 5.579 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094705.D
 Acq: 3 Nov 2017 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.4	27.6#
176	16.1	13.6	20.4





#13

Anthracene

Concen: 1.427 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.04 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

ClientSampleId :

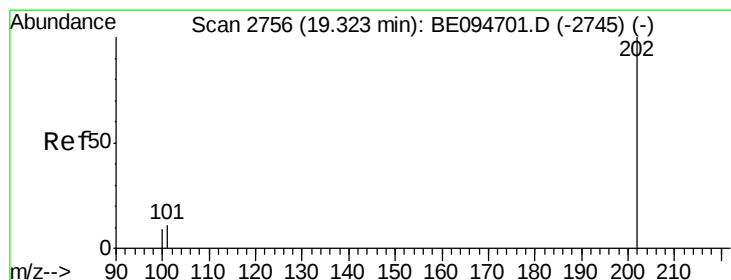
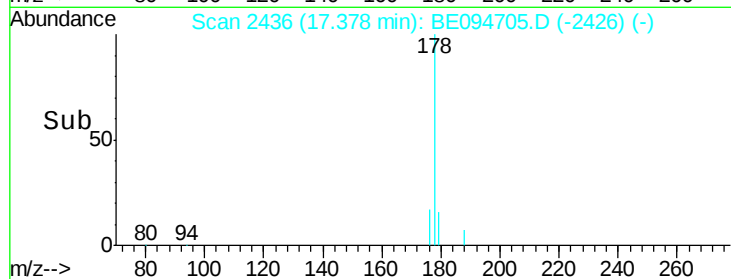
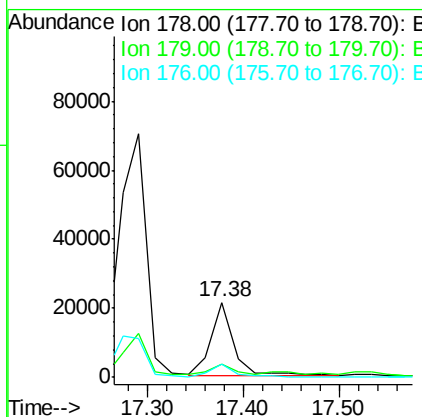
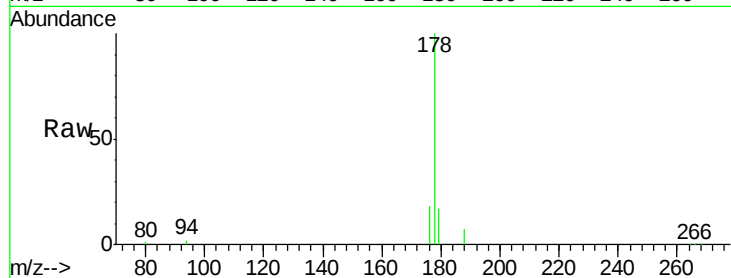
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Tgt Ion:178 Resp: 34815

Ion	Ratio	Lower	Upper
178	100		
179	17.2	18.1	27.1#
176	18.0	14.7	22.1

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#15

Fluoranthene

Concen: 11.295 ng/ul

RT: 19.30 min Scan# 2752

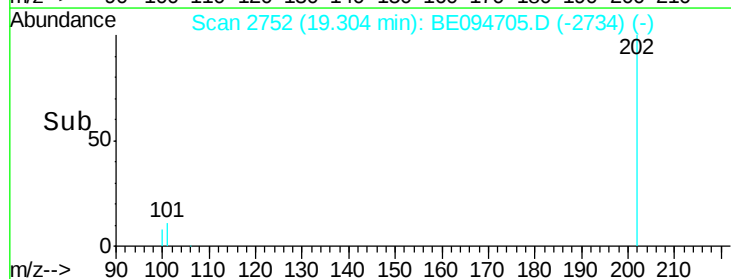
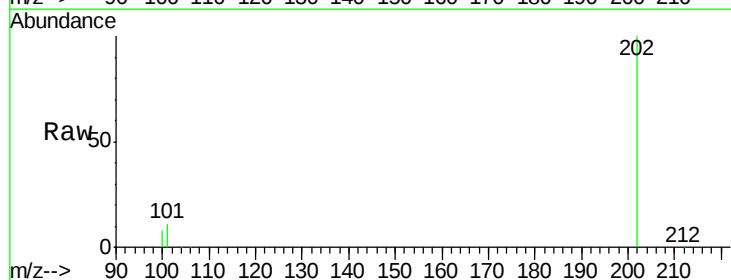
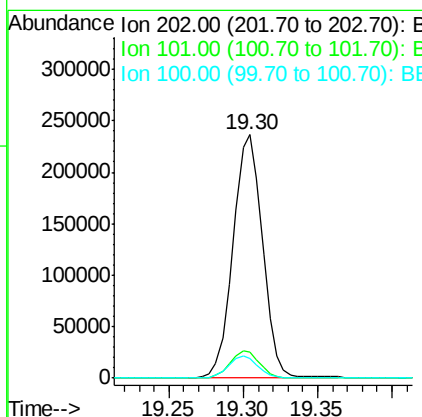
Delta R.T. -0.02 min

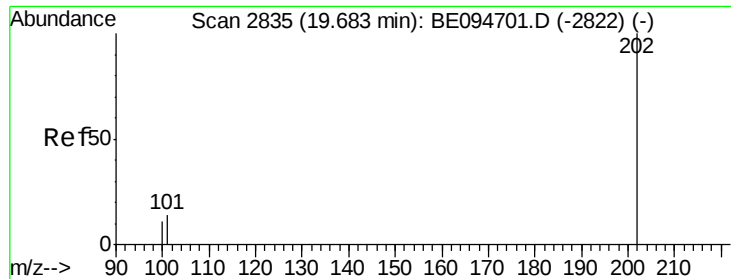
Lab File: BE094705.D

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Tgt Ion:202 Resp: 322803

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.3	0.0	39.5





#17

Pyrene

Concen: 9.847 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

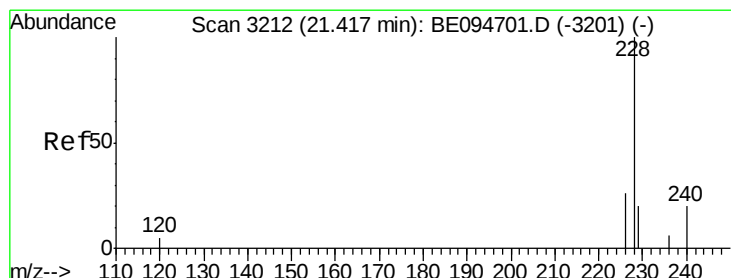
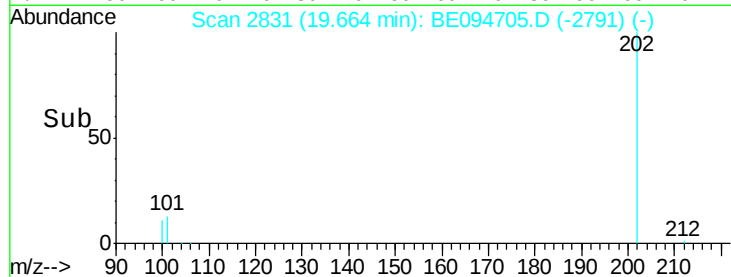
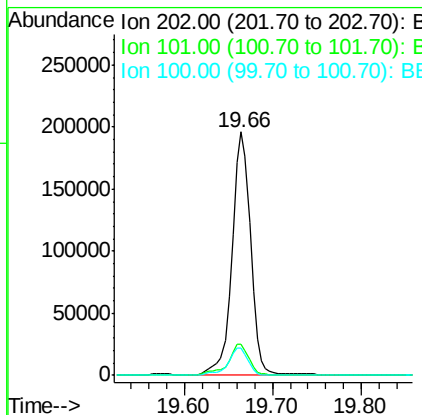
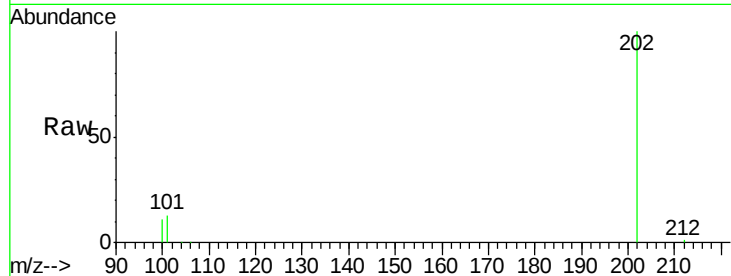
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Tgt Ion:	202	Resp:	281853
Ion Ratio		Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	11.0	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 5.770 ng/ul

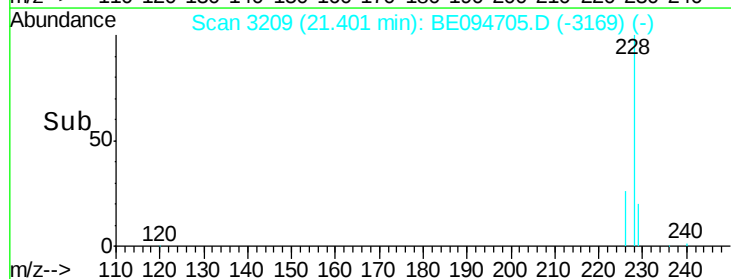
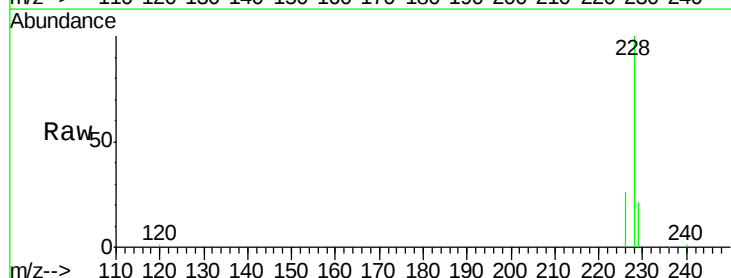
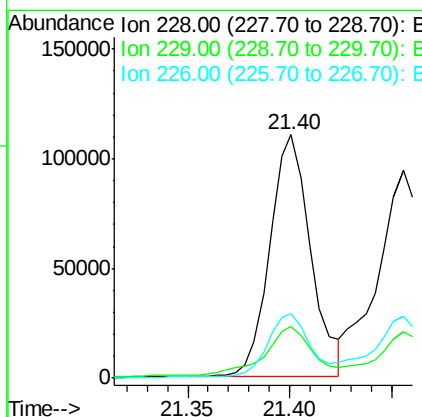
RT: 21.40 min Scan# 3209

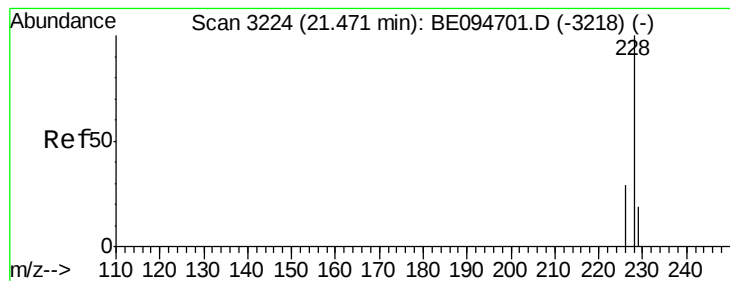
Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Tgt Ion:	228	Resp:	152736
Ion Ratio		Lower	Upper
228	100		
229	21.0	22.8	34.2#
226	26.2	17.0	25.6#





#19

Chrysene

Concen: 5.356 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

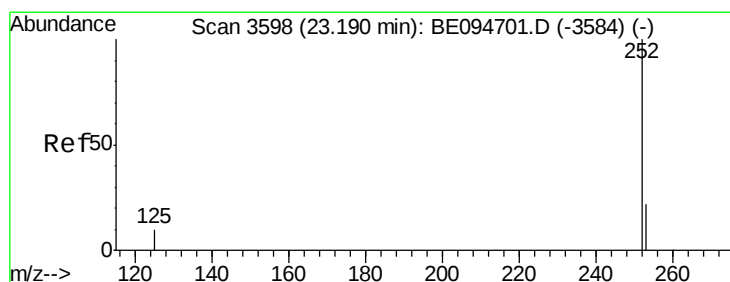
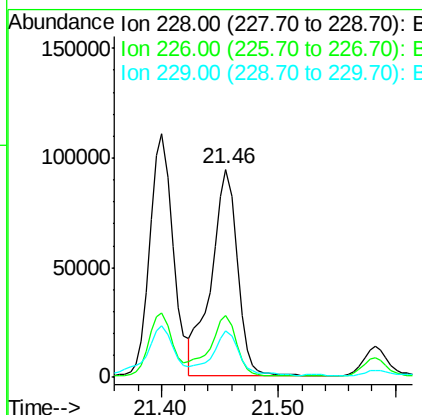
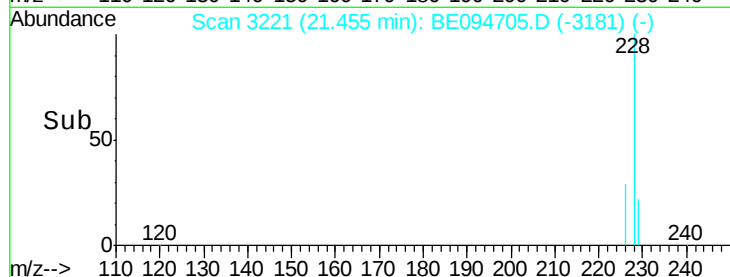
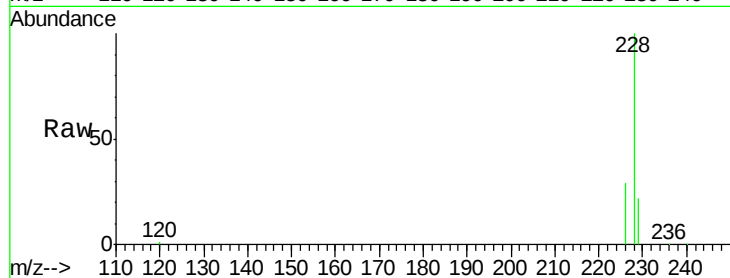
ClientSampleId :

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Tgt Ion:	228	Resp:	146535
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.0
229	22.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.799 ng/ul m

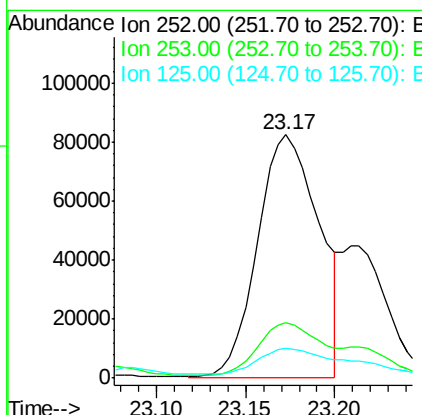
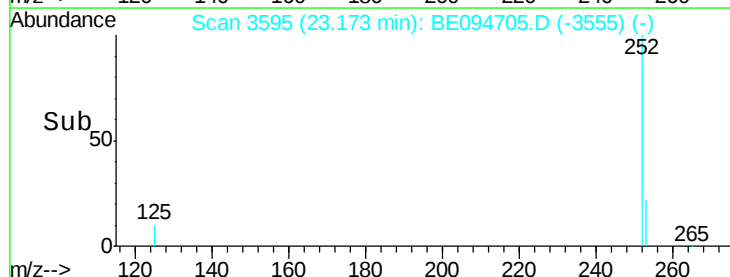
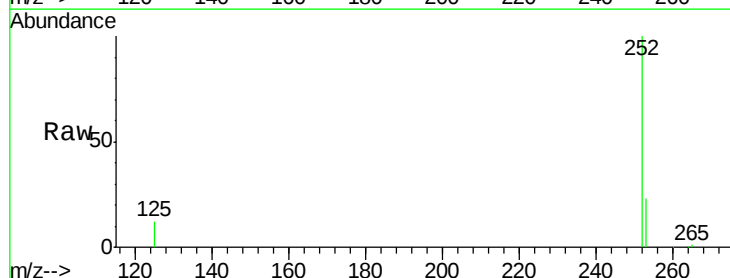
RT: 23.17 min Scan# 3595

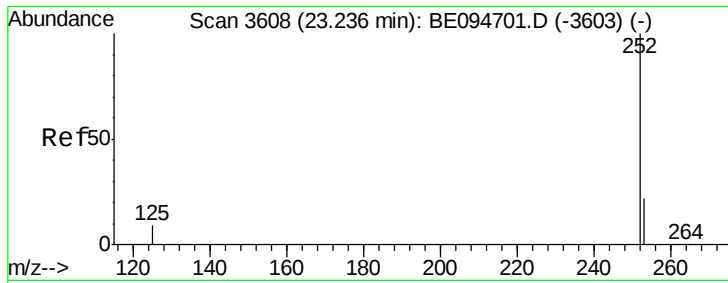
Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Tgt Ion:	252	Resp:	198572
Ion Ratio	Lower	Upper	
252	100		
253	22.7	0.0	64.2
125	12.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 2.228 ng/ul m

RT: 23.21 min Scan# 3604

Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Instrument :

BNA_E

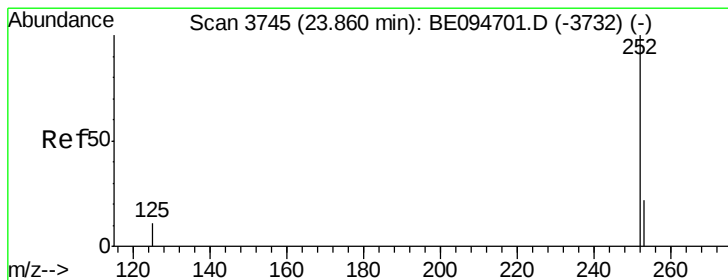
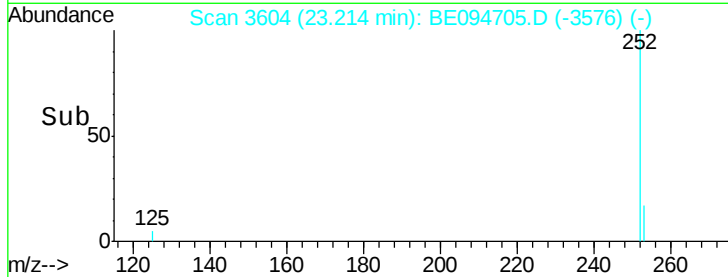
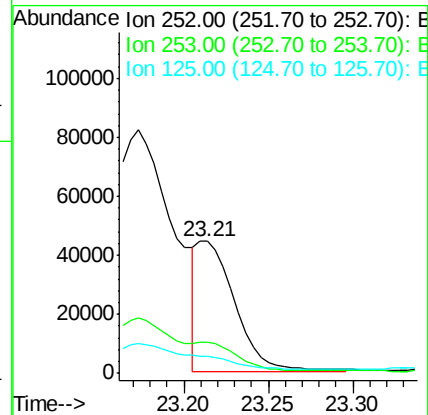
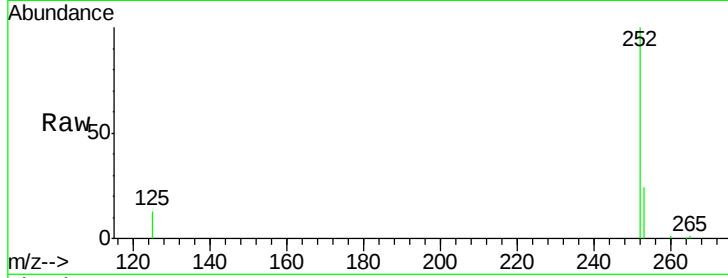
ClientSampleId :

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Tgt Ion:	252	Resp:	69722
Ion Ratio	Lower	Upper	
252	100		
253	23.6	24.5	36.7#
125	12.9	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 4.750 ng/ul

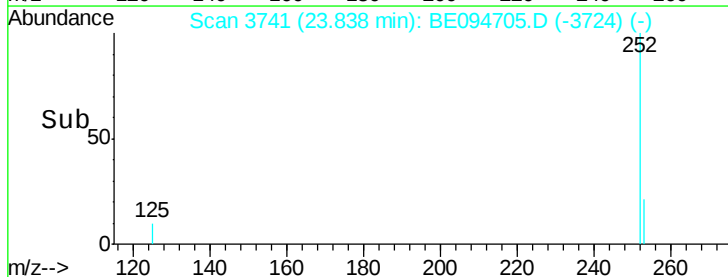
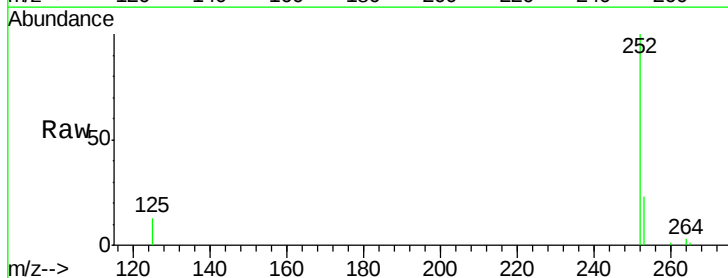
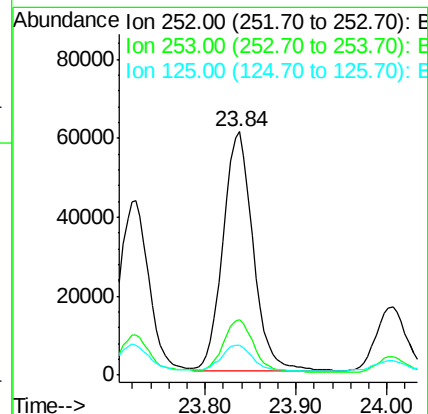
RT: 23.84 min Scan# 3741

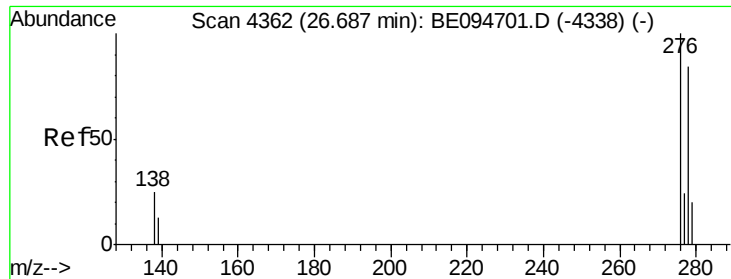
Delta R.T. -0.02 min

Lab File: BE094705.D

Acq: 3 Nov 2017 13:48

Tgt Ion:	252	Resp:	138665
Ion Ratio	Lower	Upper	
252	100		
253	22.8	28.5	42.7#
125	12.5	18.1	27.1#





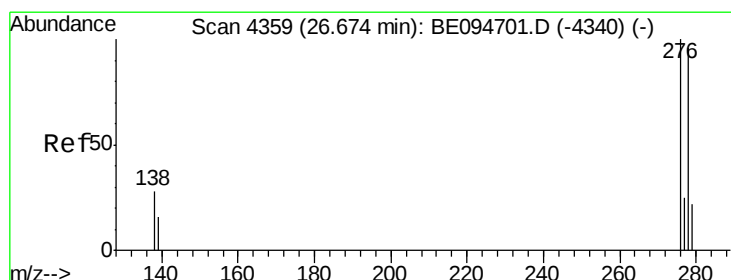
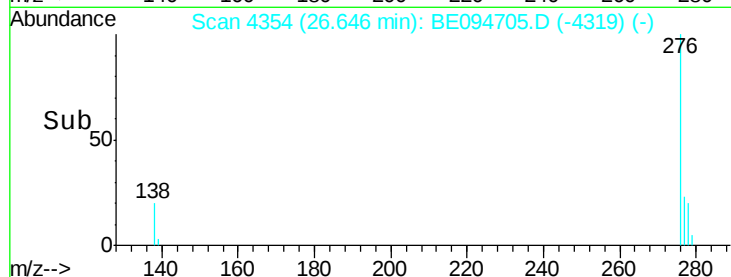
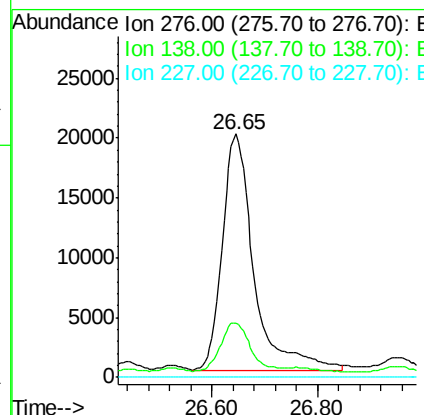
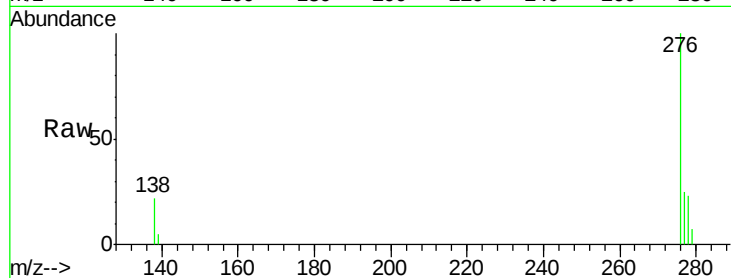
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.695 ng/ul
 RT: 26.65 min Scan# 4354
 Delta R.T. -0.04 min
 Lab File: BE094705.D
 Acq: 3 Nov 2017 13:48

Instrument :
 BNA_E
 ClientSampleId :
 B-63(0-1)-101117

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	81415		
138	21.0	28.0	42.0	
227	0.0	8.0	12.0	

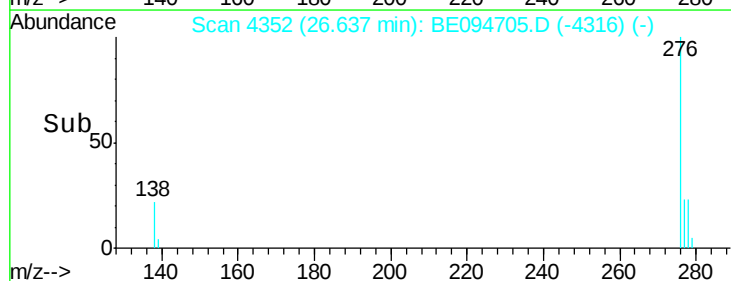
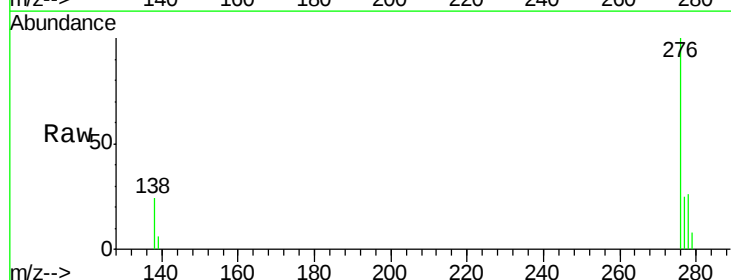
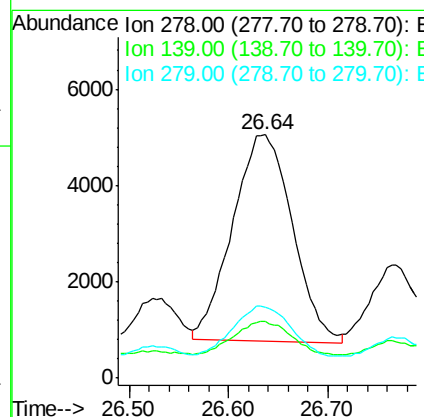
Manual Integrations
 APPROVED

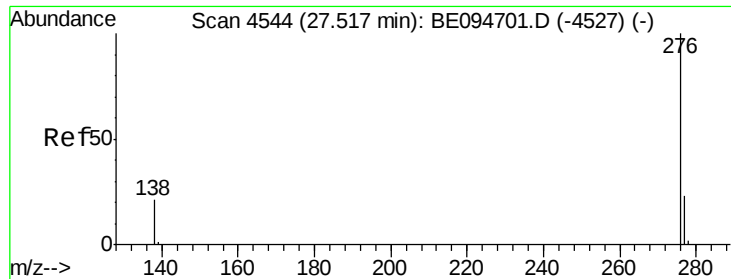
Sohil
 11/4/2017 2:15:07 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.707 ng/ul
 RT: 26.64 min Scan# 4352
 Delta R.T. -0.04 min
 Lab File: BE094705.D
 Acq: 3 Nov 2017 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	17987		
139	23.2	17.4	26.0	
279	28.9	25.9	38.9	





#26
Benzo(g,h,i)perylene
Concen: 2.744 ng/ul
RT: 27.48 min Scan# 4538
Delta R.T. -0.03 min
Lab File: BE094705.D
Acq: 3 Nov 2017 13:48

Instrument :
BNA_E
ClientSampleId :
B-63(0-1)-101117

Tgt Ion:	276	Resp:	66557
Ion Ratio	Lower	Upper	
276	100		
138	24.3	21.8	32.8
277	25.7	20.5	30.7

Manual Integrations
APPROVED

Sohil
11/4/2017 2:15:07 PM

