

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
 Data File : BE094544.D
 Acq On : 25 Oct 2017 21:55
 Operator : SJ/JU
 Sample : I5693-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-30(0-1)-100417

Manual Integrations
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 10/27/2017 8:56:26 AM

Quant Time: Oct 26 12:59:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1218	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6661	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3747	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8493	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8783	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8828	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	629	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1345	0.05	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.74	128	30390	1.866	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	9841	0.864	ng/ul	98
7) Acenaphthylene	14.24	152	5299	0.313	ng/ul#	92
8) Acenaphthene	14.57	153	23680	1.944	ng/ul	95
9) Fluorene	15.57	166	20261	1.481	ng/ul	95
12) Phenanthrene	17.29	178	478712	21.340	ng/ul#	88
13) Anthracene	17.38	178	116780	5.275	ng/ul#	89
15) Fluoranthene	19.31	202	894842	34.503	ng/ul	84
17) Pyrene	19.68	202	880144	32.415	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	492077	19.598	ng/ul#	87
19) Chrysene	21.47	228	469702	18.098	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	722246m	29.085	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	229689m	8.631	ng/ul	
23) Benzo(a)pyrene	23.85	252	509621	20.530	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.67	276	388308	15.118	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.66	278	93395	4.315	ng/ul	96
26) Benzo(g,h,i)perylene	27.51	276	321332	15.580	ng/ul	96

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

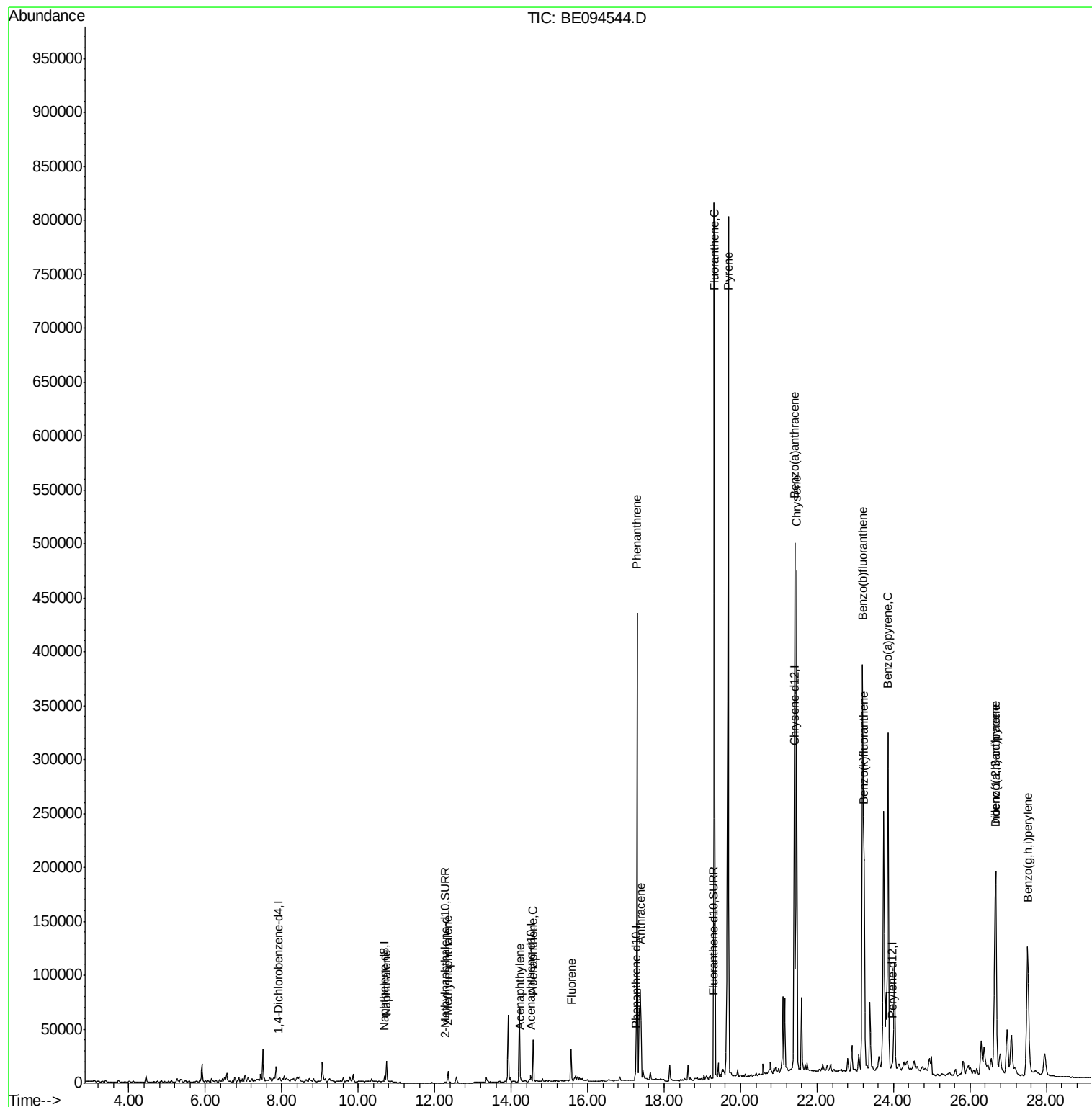
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102517\
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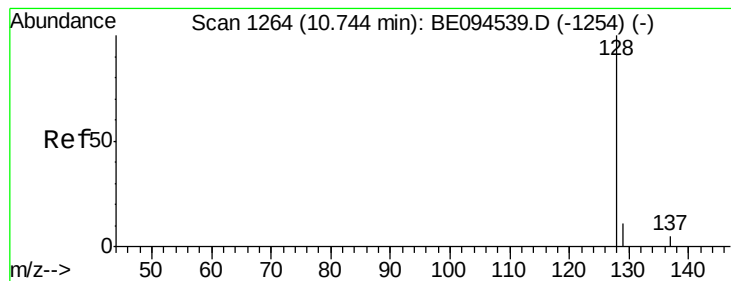
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#3

Naphthalene

Concen: 1.866 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

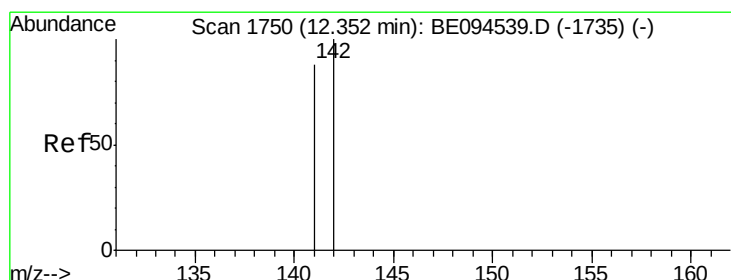
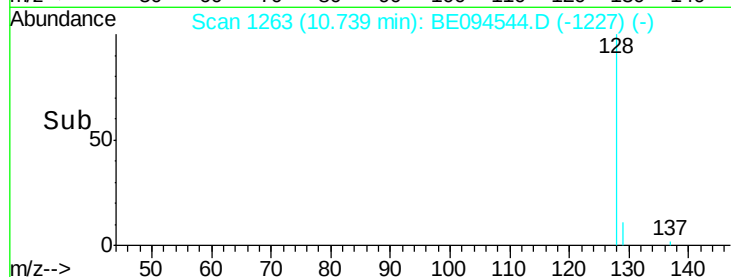
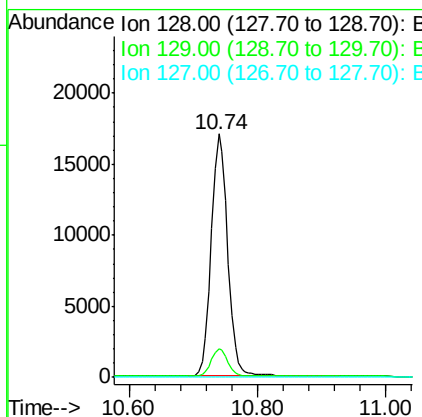
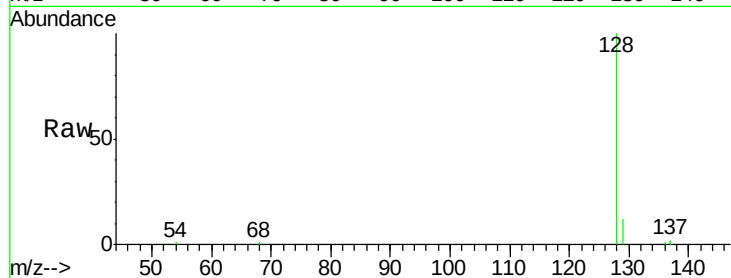
ClientSampleId :

B-30(0-1)-100417

Tgt Ion:	128	Resp:	30390
Ion Ratio	Lower	Upper	
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.864 ng/ul

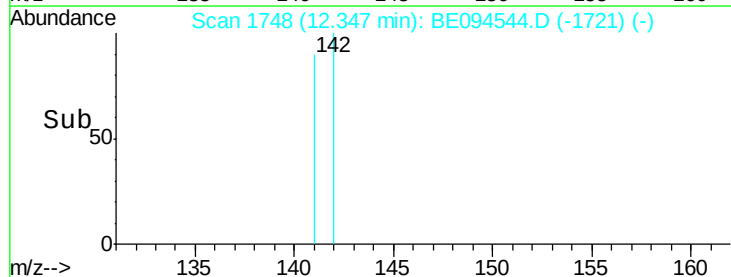
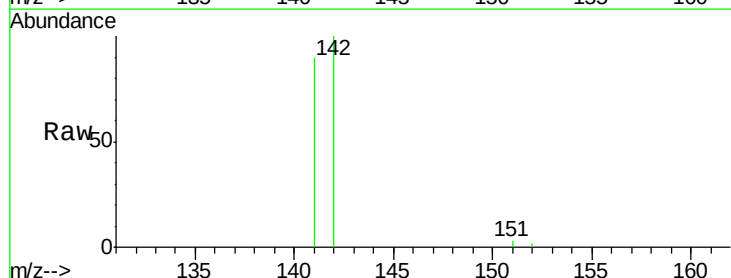
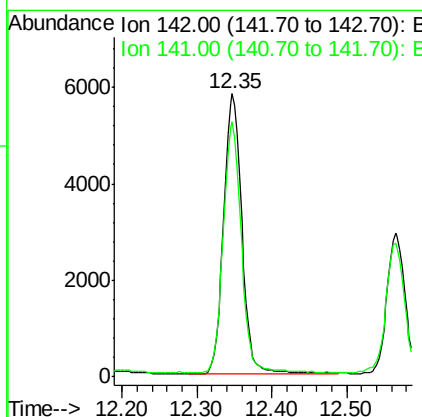
RT: 12.35 min Scan# 1748

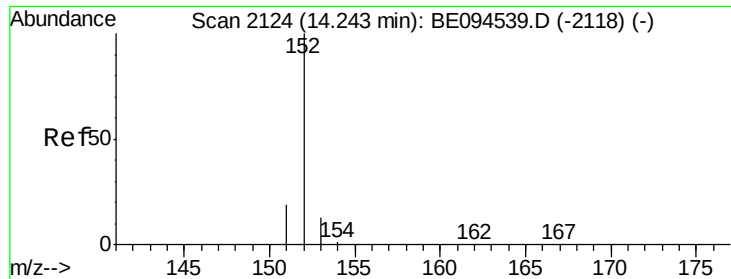
Delta R.T. -0.02 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion:	142	Resp:	9841
Ion Ratio	Lower	Upper	
142	100		
141	88.8	72.6	108.8





#7

Acenaphthylene

Concen: 0.313 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

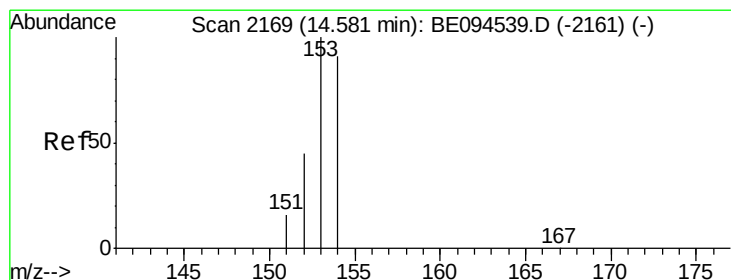
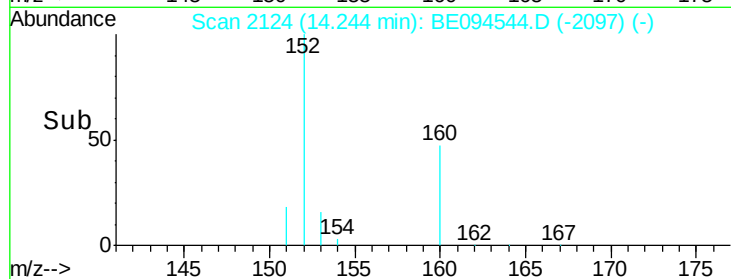
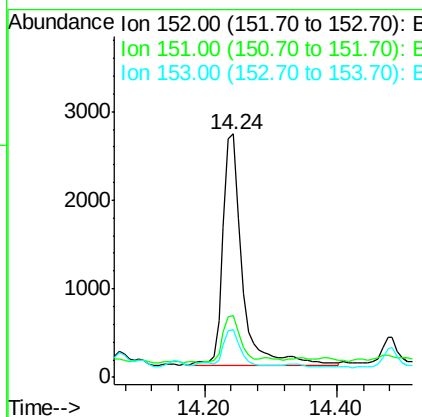
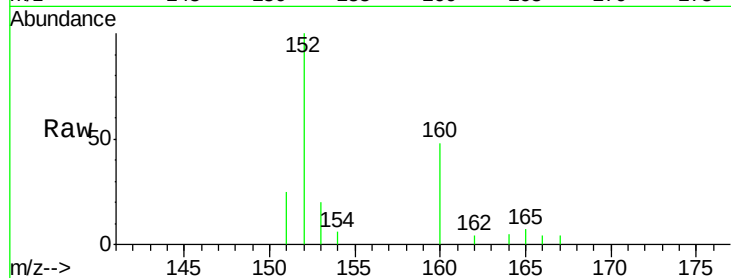
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Tgt Ion:	152	Resp:	5299
Ion Ratio	Lower	Upper	
152	100		
151	25.3	17.1	25.7
153	19.6	12.8	19.2#

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#8

Acenaphthene

Concen: 1.944 ng/ul

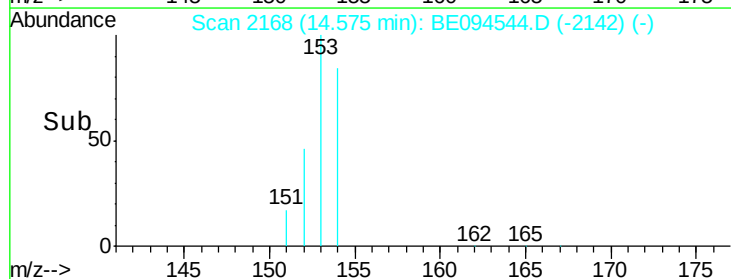
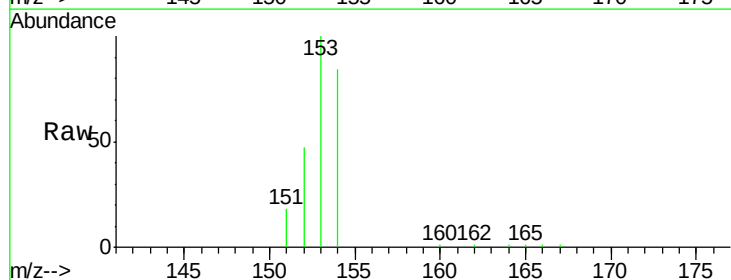
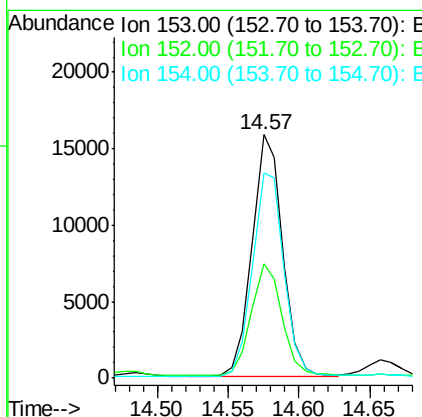
RT: 14.57 min Scan# 2168

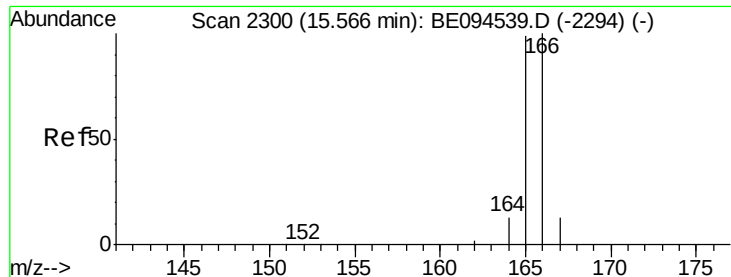
Delta R.T. -0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion:	153	Resp:	23680
Ion Ratio	Lower	Upper	
153	100		
152	47.0	36.0	54.0
154	84.3	72.0	108.0





#9

Fluorene

Concen: 1.481 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

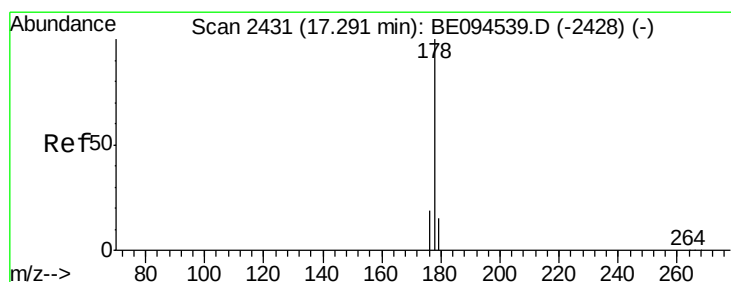
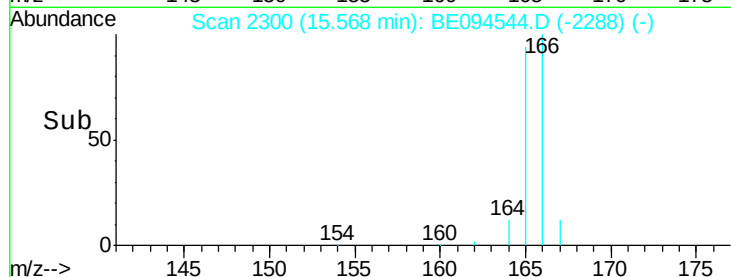
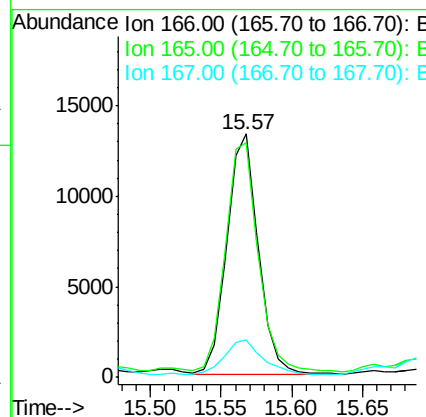
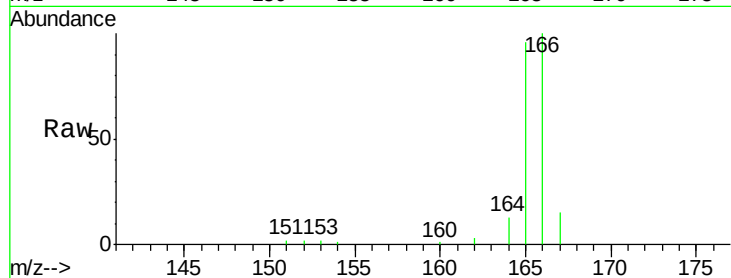
ClientSampleId :

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Tgt Ion:	166	Resp:	20261
Ion Ratio	Lower	Upper	
166	100		
165	96.4	73.4	110.2
167	15.3	14.6	22.0

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#12

Phenanthrene

Concen: 21.340 ng/ul

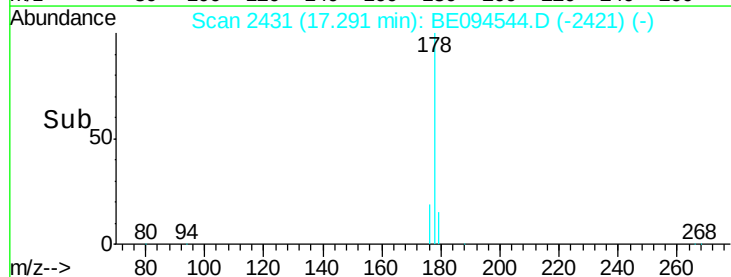
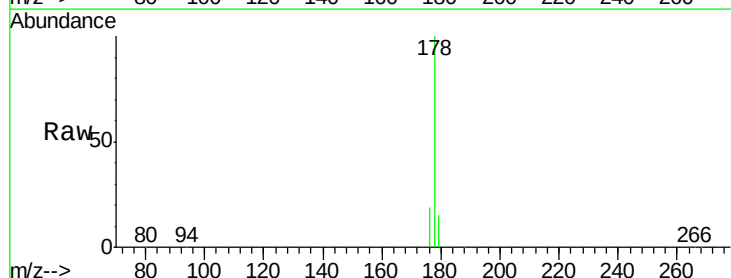
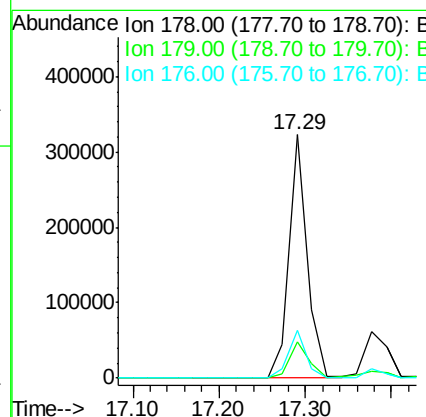
RT: 17.29 min Scan# 2431

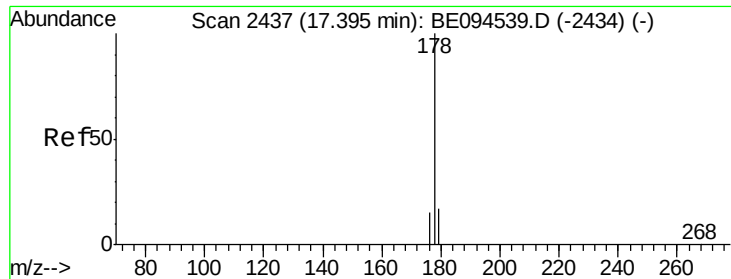
Delta R.T. -0.02 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion:	178	Resp:	478712
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6#
176	19.5	13.6	20.4





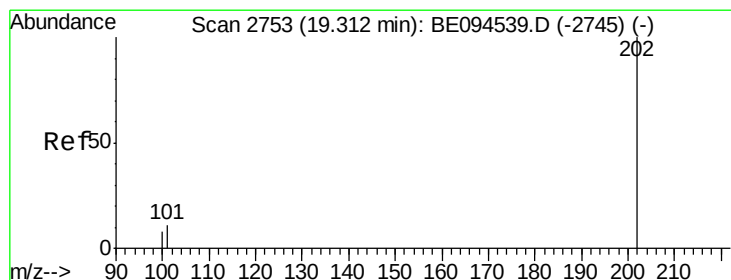
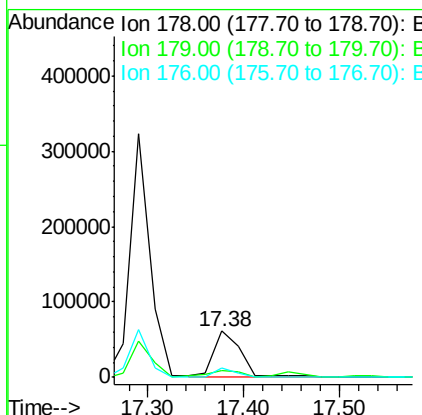
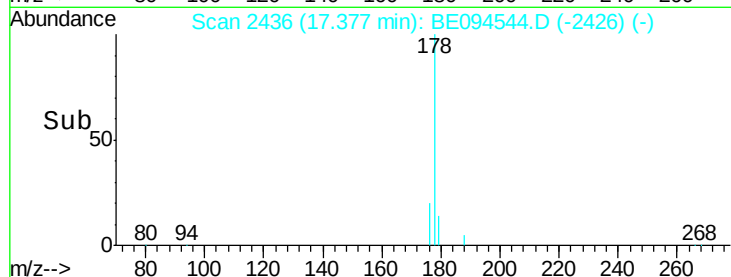
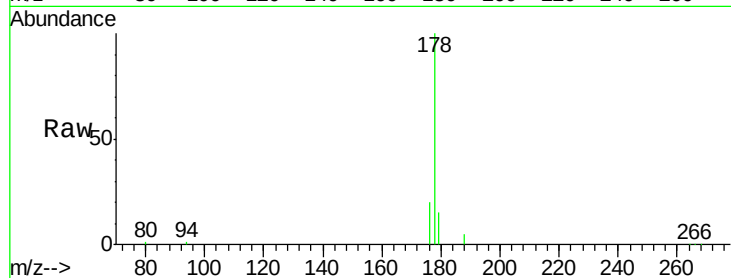
#13
 Anthracene
 Concen: 5.275 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: BE094544.D
 Acq: 25 Oct 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 B-30(0-1)-100417

Tgt Ion:178 Resp: 116780
 Ion Ratio Lower Upper
 178 100
 179 15.0 18.1 27.1#
 176 20.3 14.7 22.1

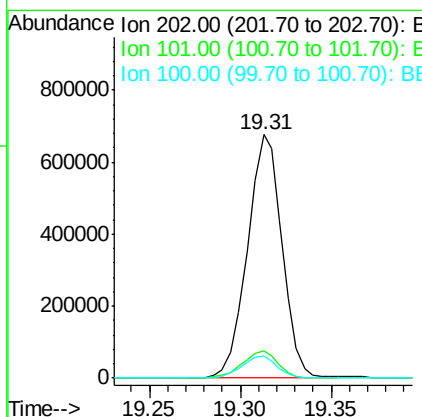
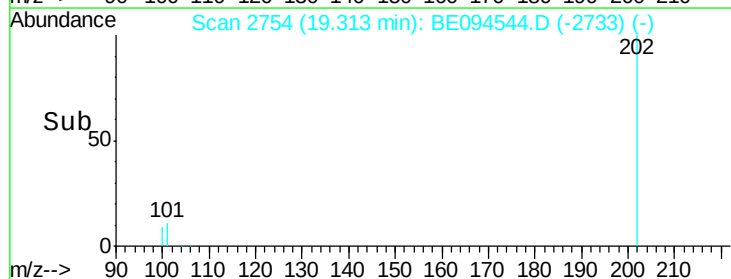
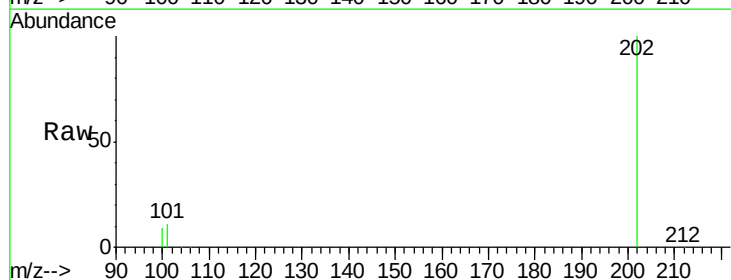
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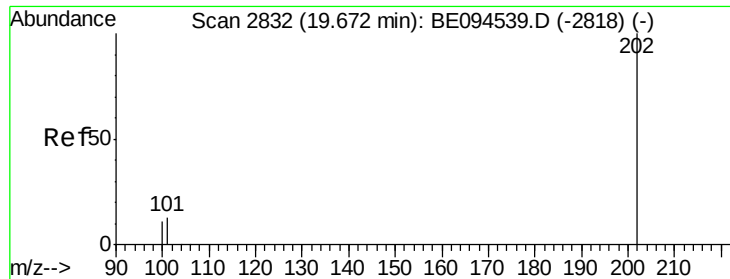
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#15
 Fluoranthene
 Concen: 34.503 ng/ul
 RT: 19.31 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: BE094544.D
 Acq: 25 Oct 2017 21:55

Tgt Ion:202 Resp: 894842
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 30.3
 100 9.0 0.0 39.5





#17

Pyrene

Concen: 32.415 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

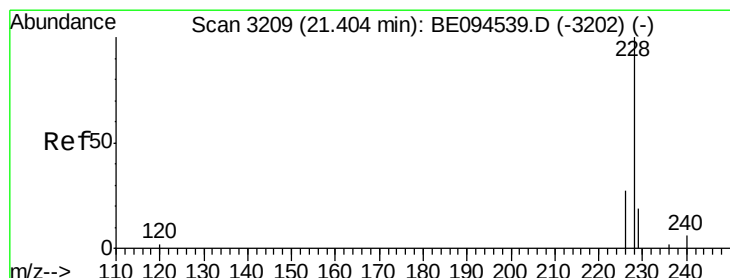
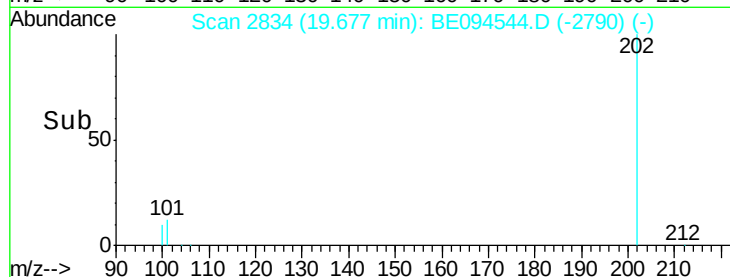
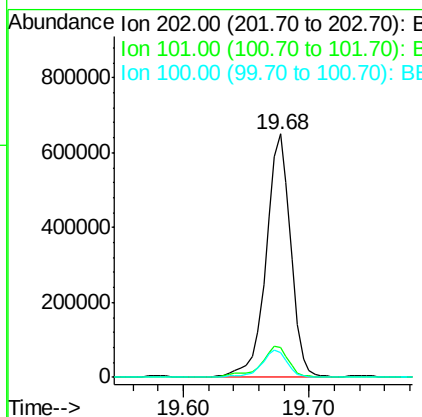
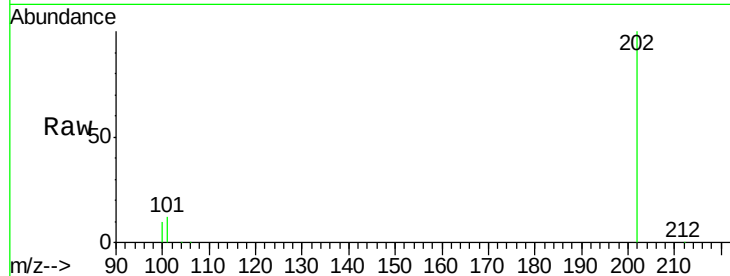
ClientSampleId :

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Tgt Ion:	202	Resp:	880144
Ion Ratio	Lower	Upper	
202	100		
101	12.3	18.2	27.4#
100	10.3	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 19.598 ng/ul

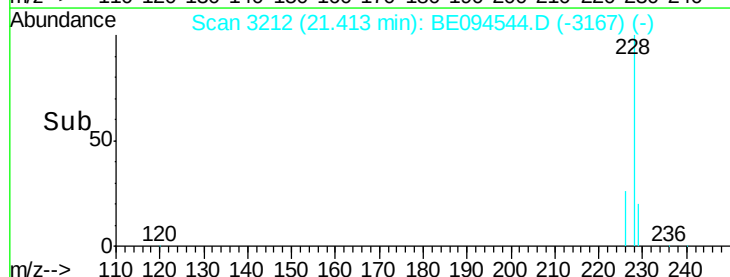
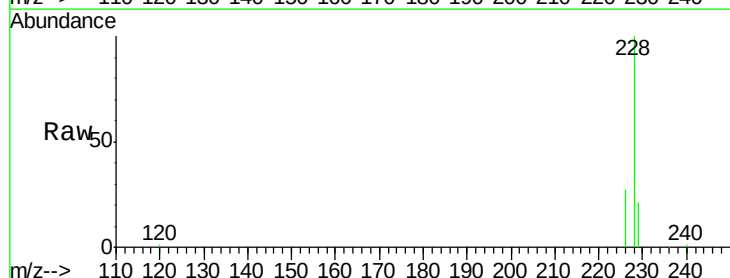
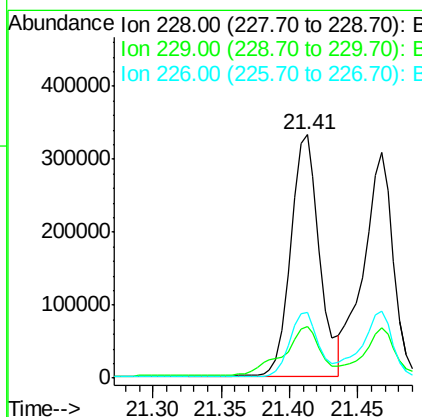
RT: 21.41 min Scan# 3212

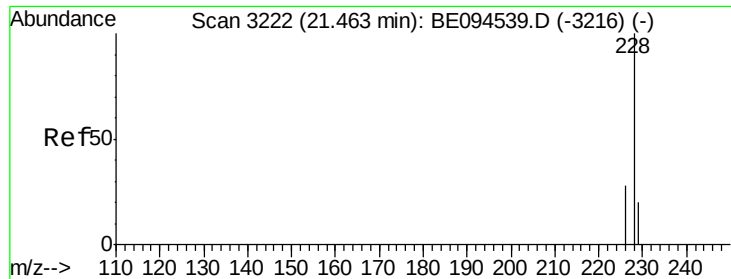
Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion:	228	Resp:	492077
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	26.9	17.0	25.6#





#19

Chrysene

Concen: 18.098 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

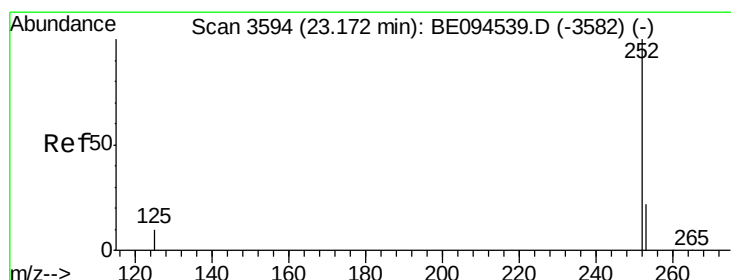
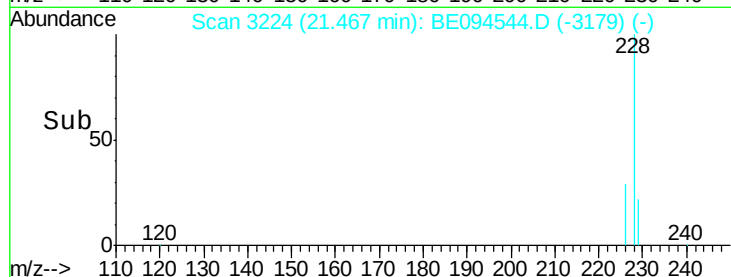
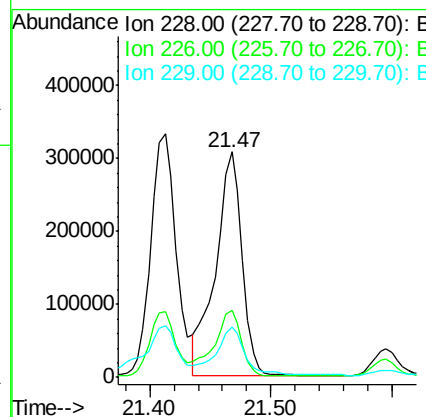
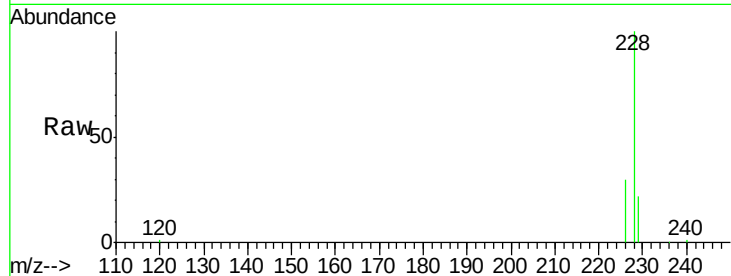
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Tgt Ion:	228	Resp:	469702
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 29.085 ng/ul m

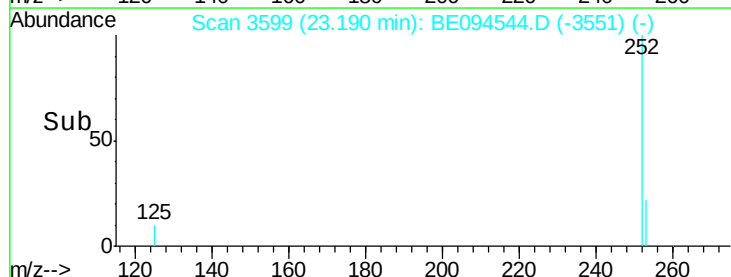
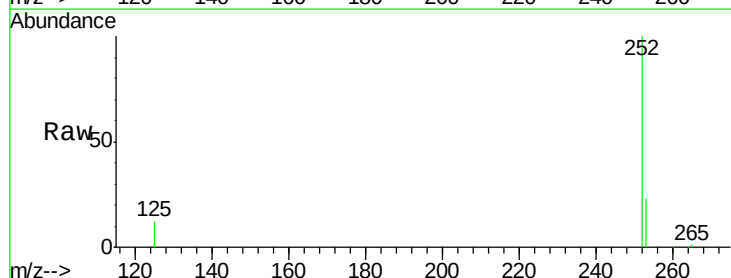
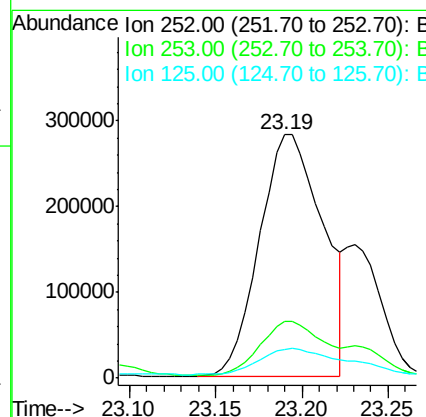
RT: 23.19 min Scan# 3599

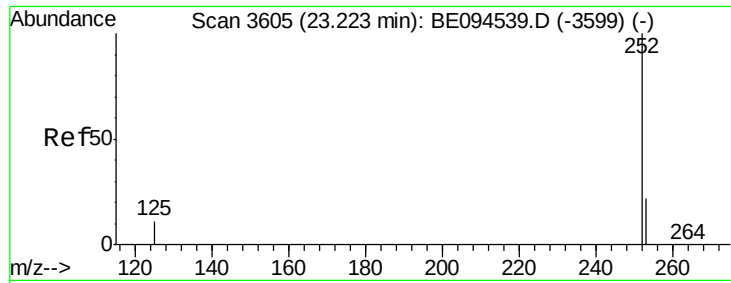
Delta R.T. 0.02 min

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Tgt Ion:	252	Resp:	722246
Ion Ratio	Lower	Upper	
252	100		
253	23.1	0.0	64.2
125	11.9	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 8.631 ng/ul m

RT: 23.23 min Scan# 3608

Delta R.T. 0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

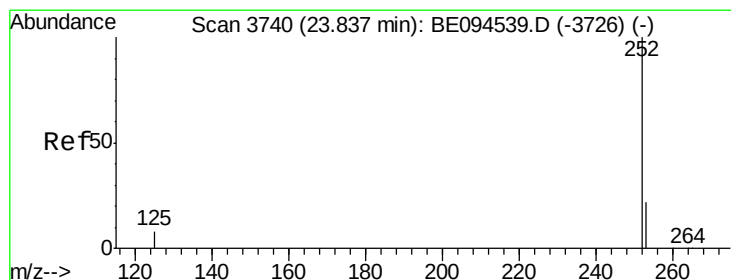
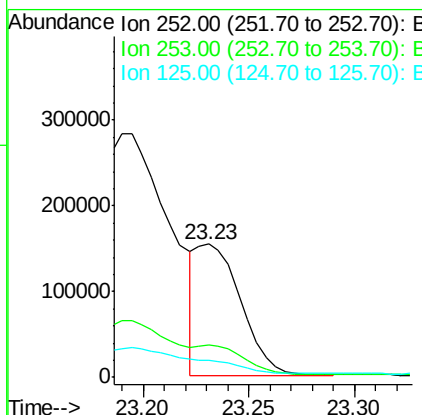
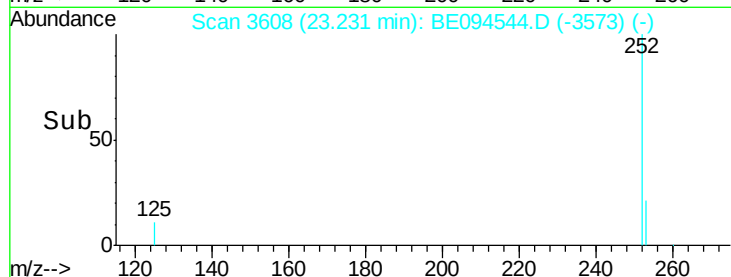
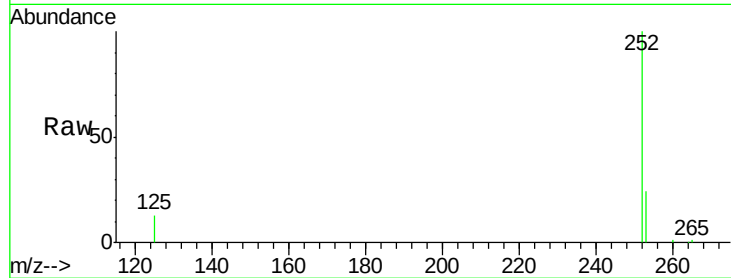
Instrument :
BNA_E

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	13.2	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 20.530 ng/ul

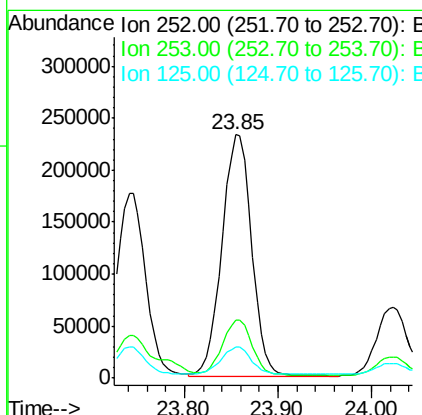
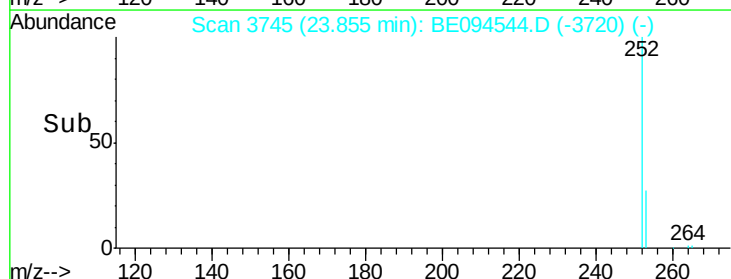
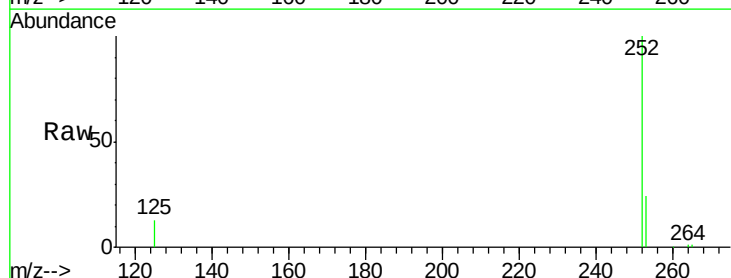
RT: 23.85 min Scan# 3745

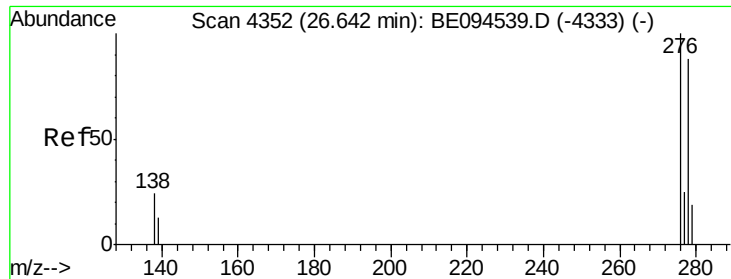
Delta R.T. 0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.5	42.7#
125	12.7	18.1	27.1#





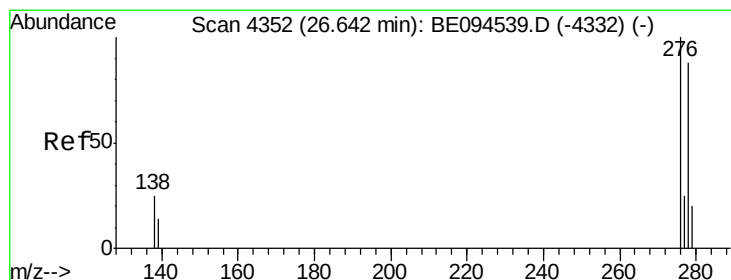
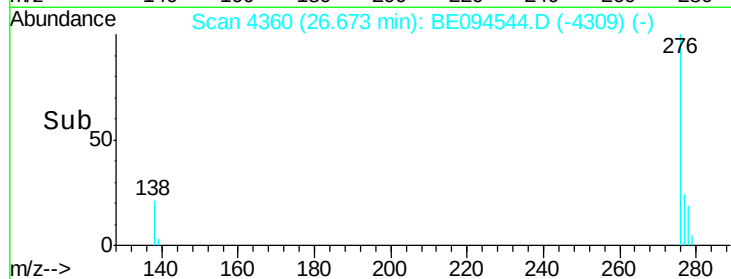
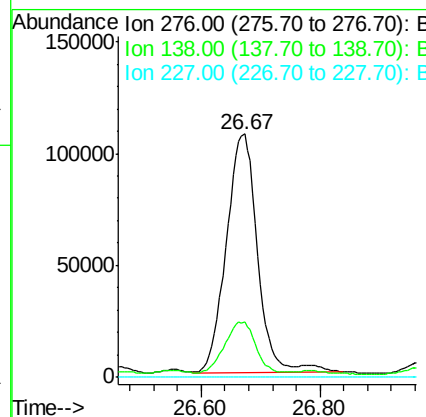
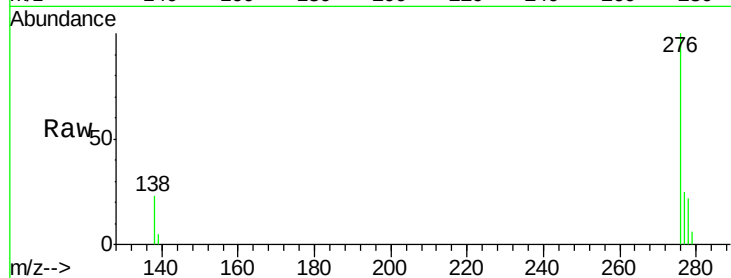
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 15.118 ng/ul
 RT: 26.67 min Scan# 4360
 Delta R.T. 0.03 min
 Lab File: BE094544.D
 Acq: 25 Oct 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 B-30(0-1)-100417

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.2	28.0	42.0#
227	0.0	8.0	12.0#

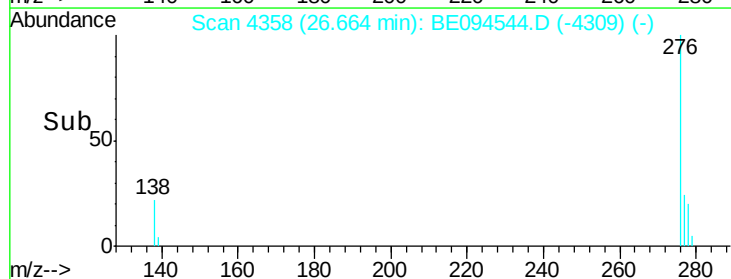
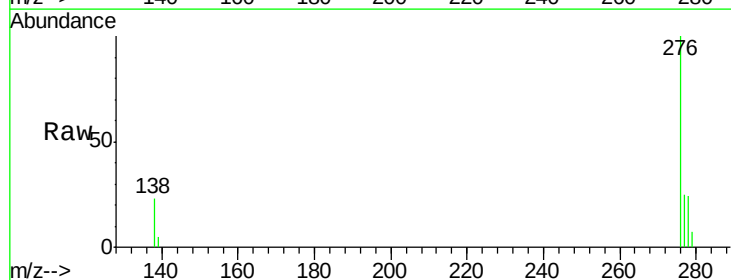
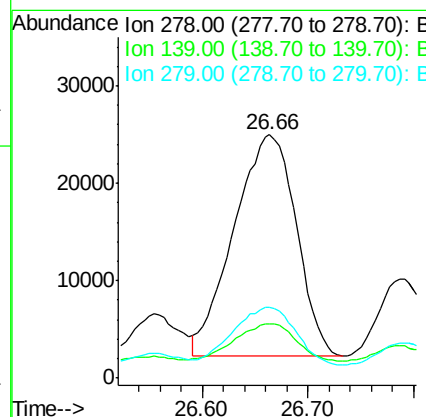
Manual Integrations
 APPROVED

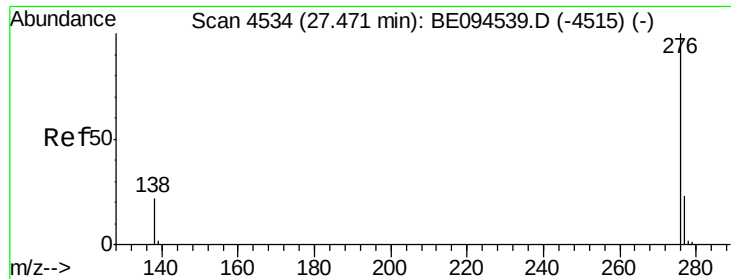
Sohil
 10/27/2017 8:56:26 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 4.315 ng/ul
 RT: 26.66 min Scan# 4358
 Delta R.T. 0.02 min
 Lab File: BE094544.D
 Acq: 25 Oct 2017 21:55

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.4	17.4	26.0
279	29.3	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 15.580 ng/ul
 RT: 27.51 min Scan# 4544
 Delta R.T. 0.03 min
 Lab File: BE094544.D
 Acq: 25 Oct 2017 21:55

Instrument :
 BNA_E
 ClientSampleId :
 B-30(0-1)-100417

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
138	23.7	21.8	32.8		
277	25.2	20.5	30.7		

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:56:26 AM

