

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
 Data File : BE094259.D
 Acq On : 10 Oct 2017 20:03
 Operator : SJ/JU
 Sample : I5522-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:55 PM

Quant Time: Oct 11 07:43:23 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	2027	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	10162	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5802	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	12337	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12659	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	11750	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	5406	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	12838	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	4080	0.164	ng/ul#	95
5) 2-Methylnaphthalene	12.35	142	2483	0.154	ng/ul	98
7) Acenaphthylene	14.24	152	7802	0.345	ng/ul	98
8) Acenaphthene	14.57	153	5039	0.271	ng/ul	98
9) Fluorene	15.56	166	6874	0.315	ng/ul	94
12) Phenanthrene	17.29	178	187786	5.825	ng/ul#	93
13) Anthracene	17.38	178	50740	1.618	ng/ul#	92
15) Fluoranthene	19.30	202	572179	13.507	ng/ul	84
17) Pyrene	19.66	202	529969	15.047	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	312317	9.300	ng/ul#	86
19) Chrysene	21.44	228	316074	8.150	ng/ul	99
21) Benzo(b)fluoranthene	23.15	252	405834m	12.715	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	155792m	4.223	ng/ul	
23) Benzo(a)pyrene	23.81	252	301173	9.080	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.58	276	195770	5.770	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.58	278	51053	1.794	ng/ul	95
26) Benzo(a,h,i)perylene	27.40	276	144725	4.945	ng/ul	98

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

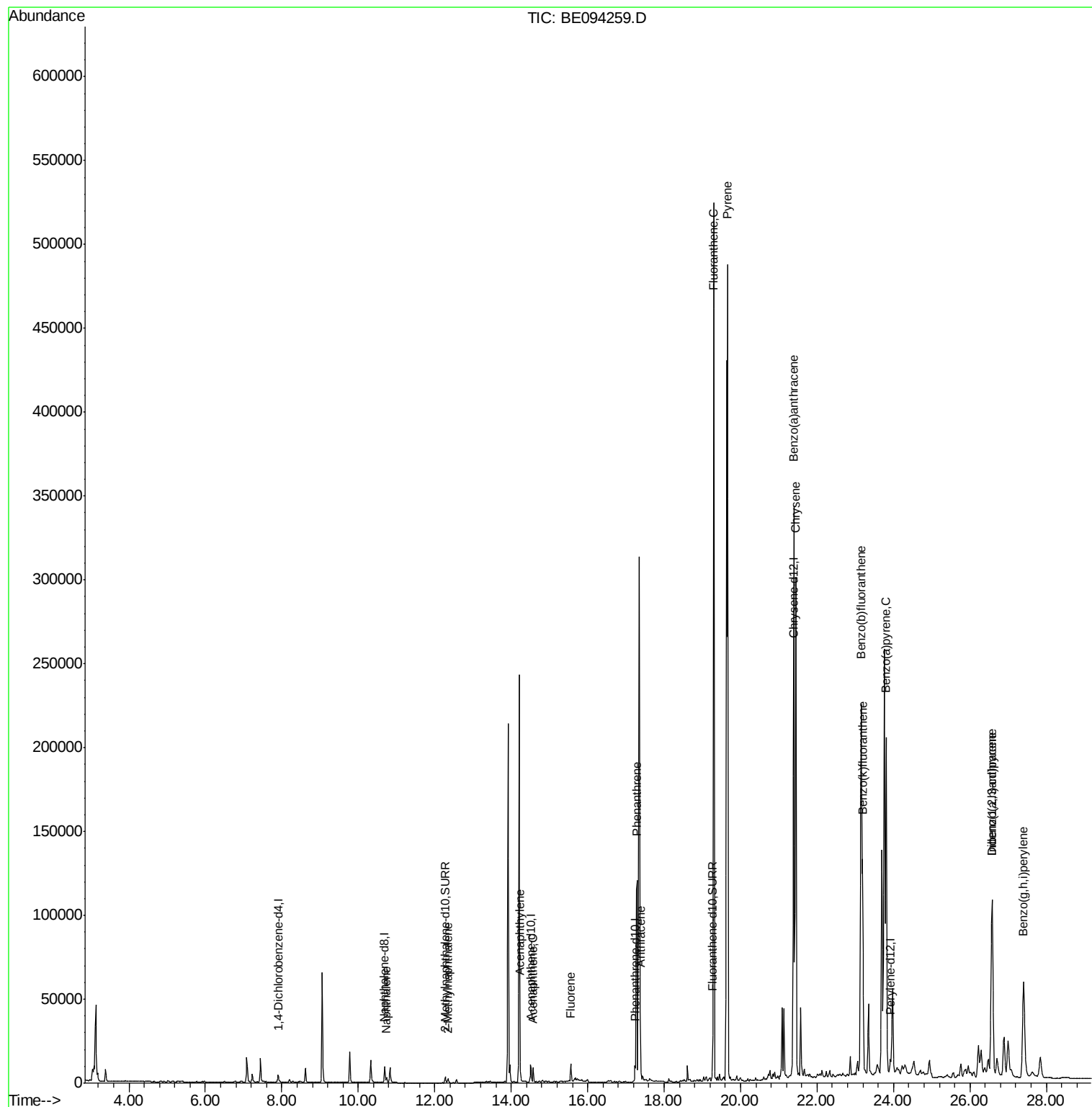
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101017\
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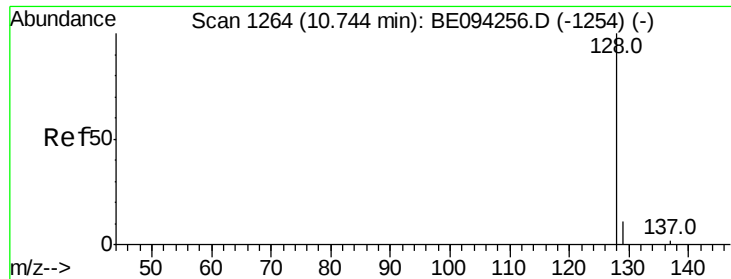
Instrument :
BNA_E
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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
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#3

Naphthalene

Concen: 0.164 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Instrument :

BNA_E

ClientSampleId :

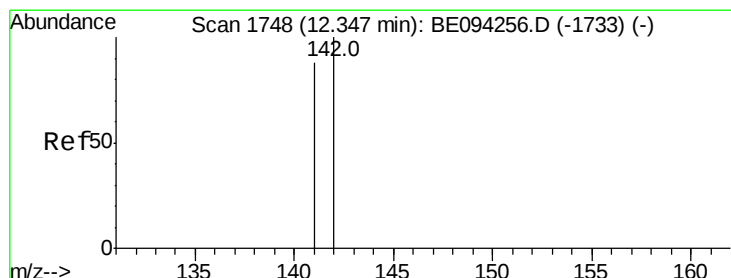
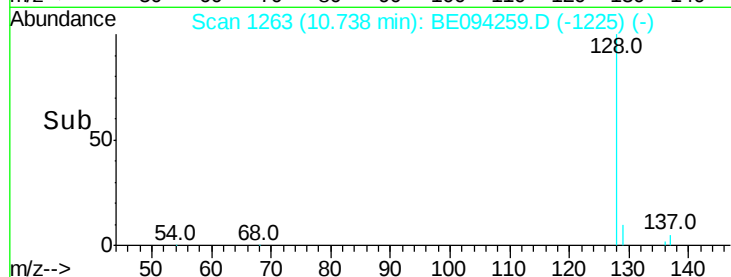
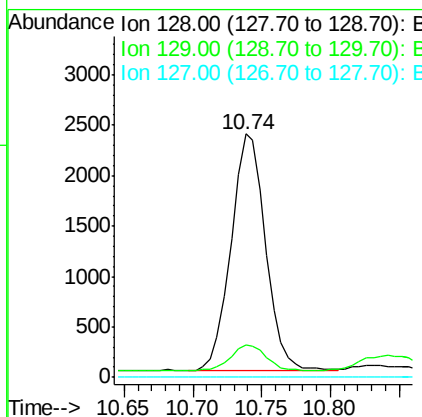
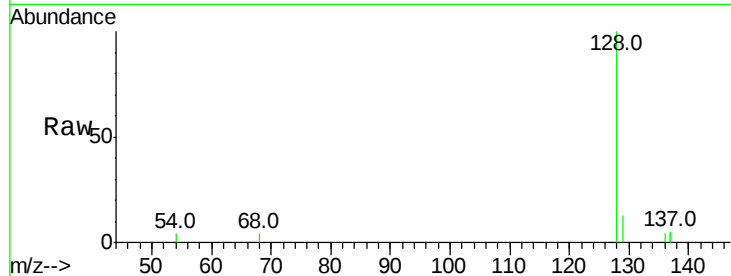
C0AC1

Tot Ion:128 Resp: 4080

Ion	Ratio	Lower	Upper
128	100		
129	13.4	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.154 ng/ul

RT: 12.35 min Scan# 1748

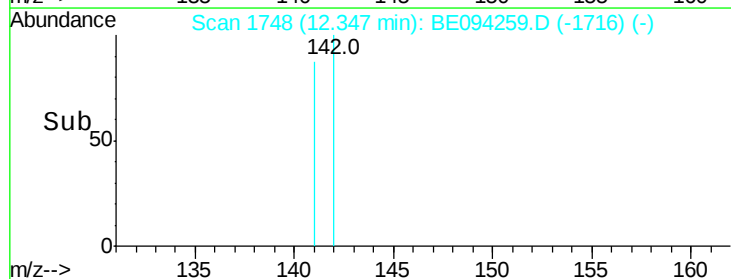
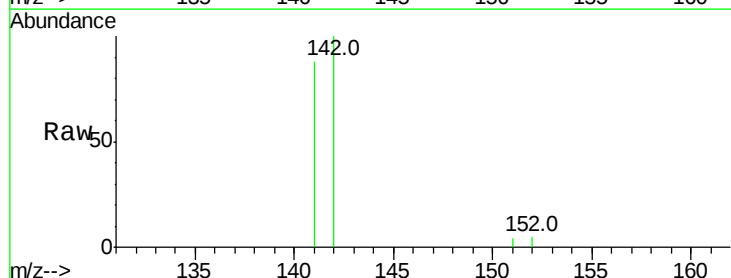
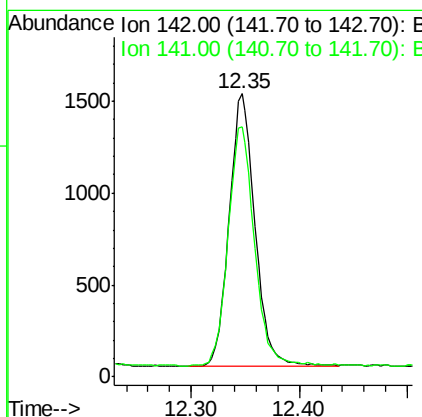
Delta R.T. -0.00 min

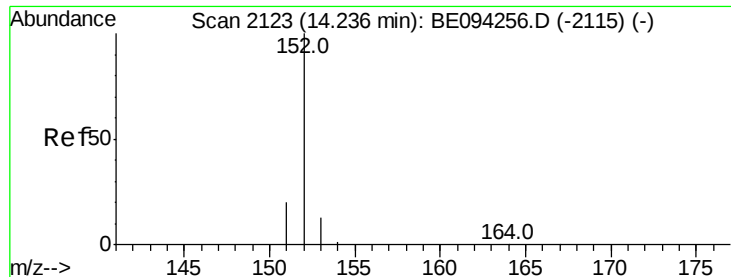
Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Tgt Ion:142 Resp: 2483

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.345 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Instrument :

BNA_E

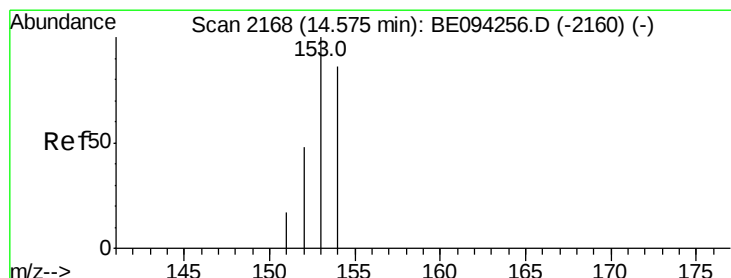
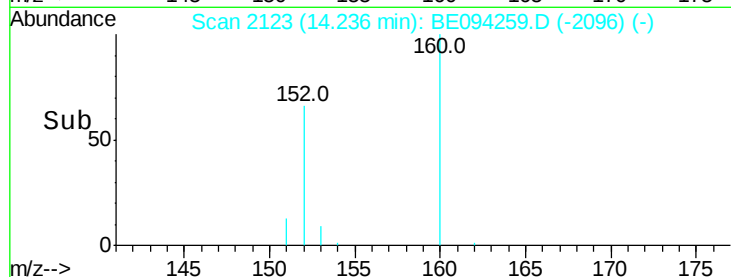
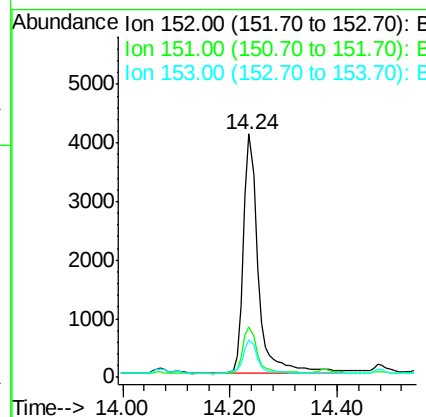
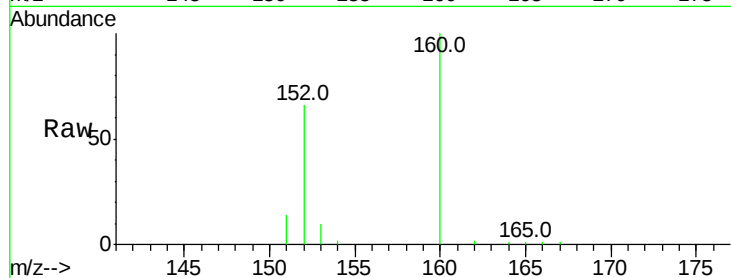
ClientSampled :

C0AC1

Tot Ion:	152	Resp:	7802
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.1	25.7
153	15.2	12.8	19.2

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#8

Acenaphthene

Concen: 0.271 ng/ul

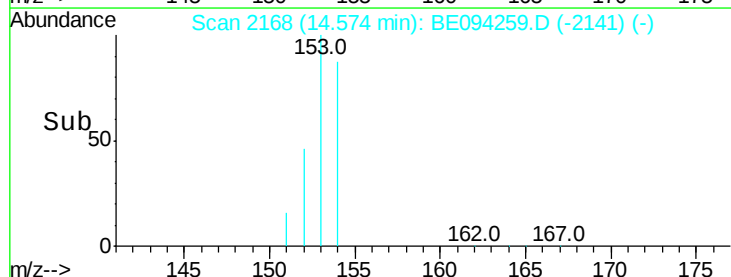
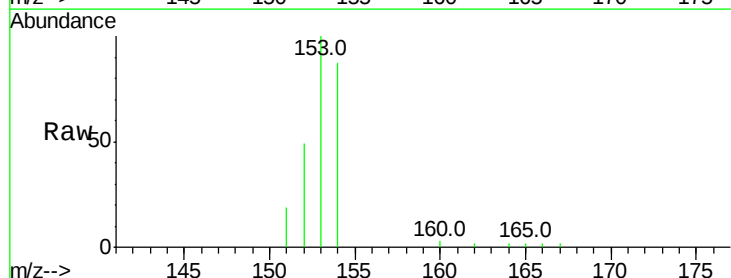
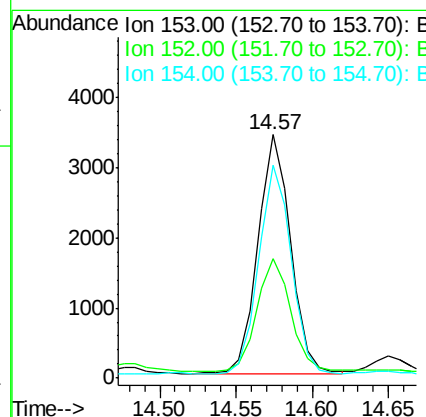
RT: 14.57 min Scan# 2168

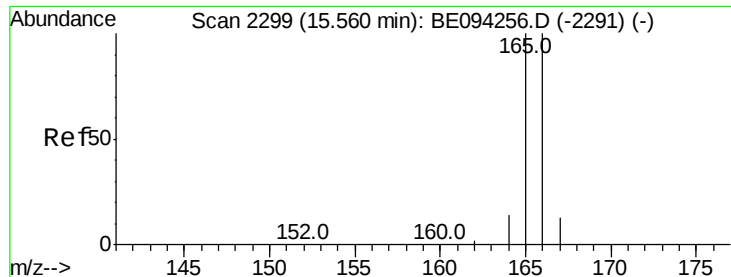
Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Tgt Ion:	153	Resp:	5039
Ion Ratio	Lower	Upper	
153	100		
152	48.9	40.3	60.5
154	87.2	71.4	107.2





#9

Fluorene

Concen: 0.315 ng/ul

RT: 15.56 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Instrument :

BNA_E

ClientSampleId :

C0AC1

Tot Ion:166 Resp: 6874

Ion Ratio Lower Upper

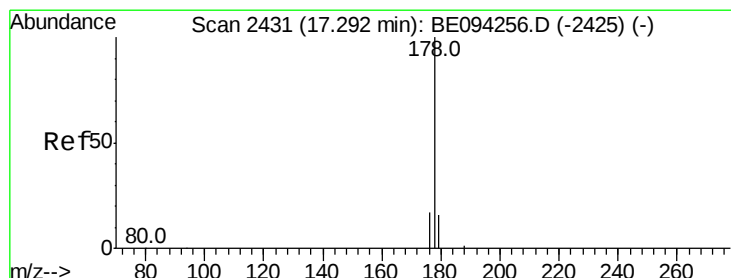
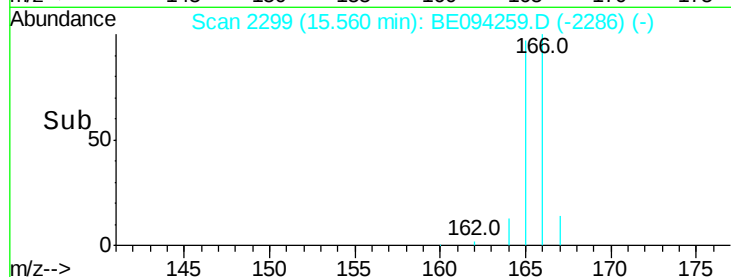
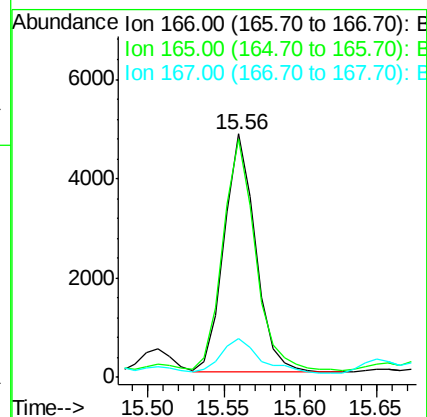
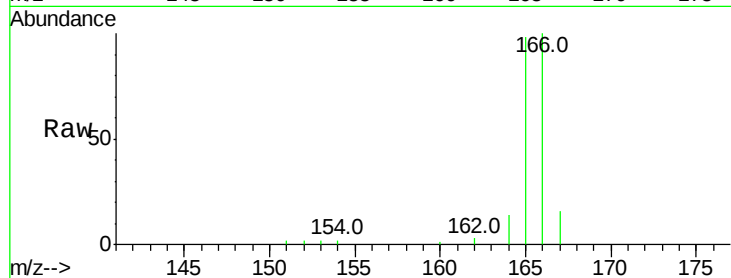
166 100

165 97.7 73.4 110.2

167 15.7 14.6 22.0

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#12

Phenanthrene

Concen: 5.825 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

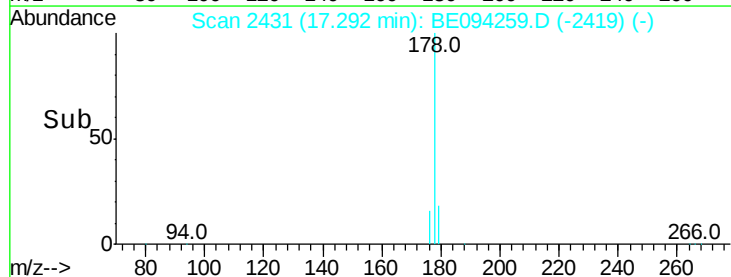
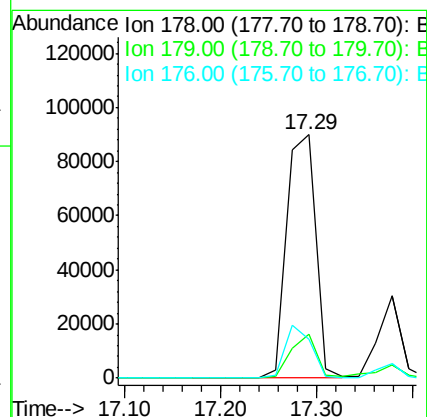
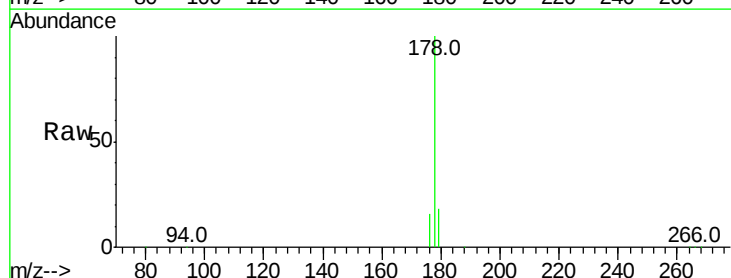
Tgt Ion:178 Resp: 187786

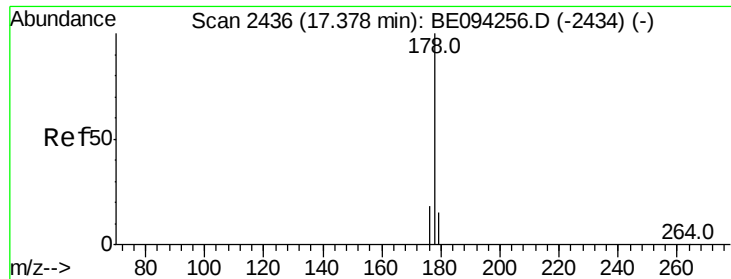
Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

176 15.7 13.6 20.4





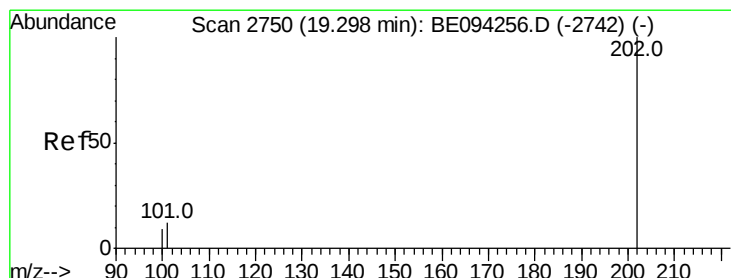
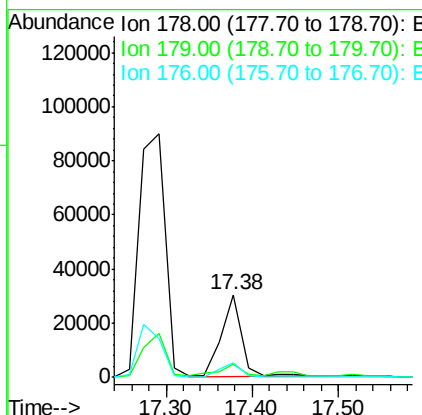
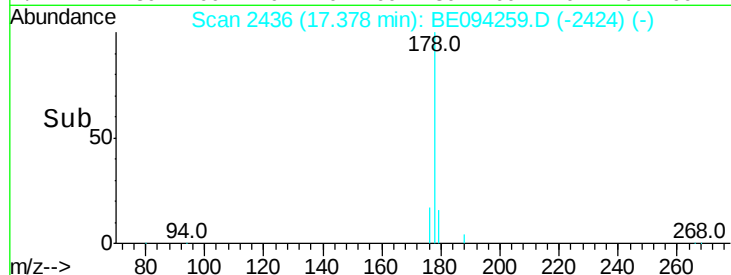
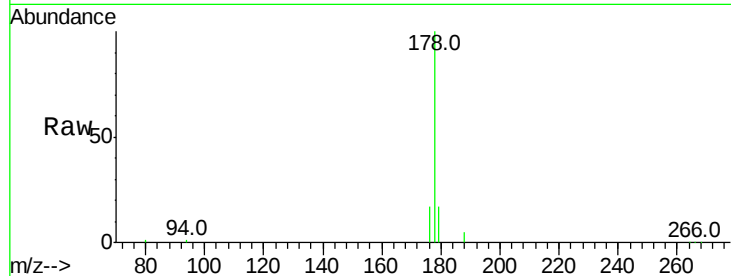
#13
 Anthracene
 Concen: 1.618 ng/ul
 RT: 17.38 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BE094259.D
 Acq: 10 Oct 2017 20:03

Instrument :
 BNA_E
 ClientSampled :
 C0AC1

Tot Ion:178 Resp: 50740
 Ion Ratio Lower Upper
 178 100
 179 16.7 18.1 27.1#
 176 16.9 14.7 22.1

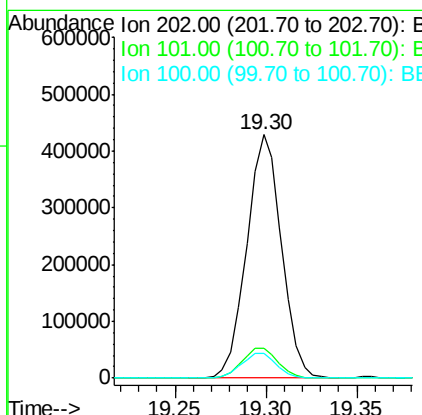
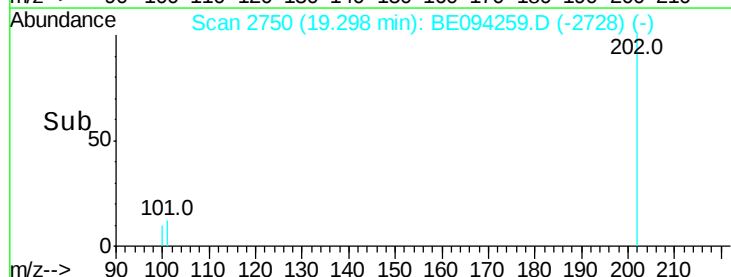
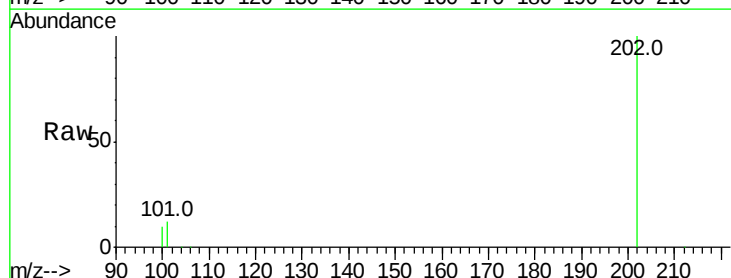
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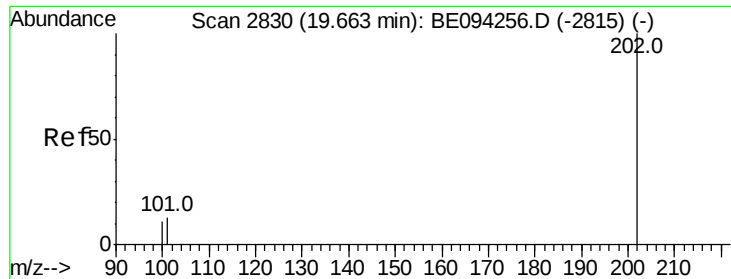
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#15
 Fluoranthene
 Concen: 13.507 ng/ul
 RT: 19.30 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: BE094259.D
 Acq: 10 Oct 2017 20:03

Tgt Ion:202 Resp: 572179
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 30.3
 100 9.9 0.0 39.5





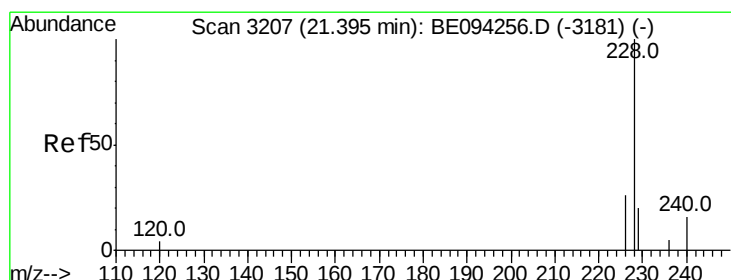
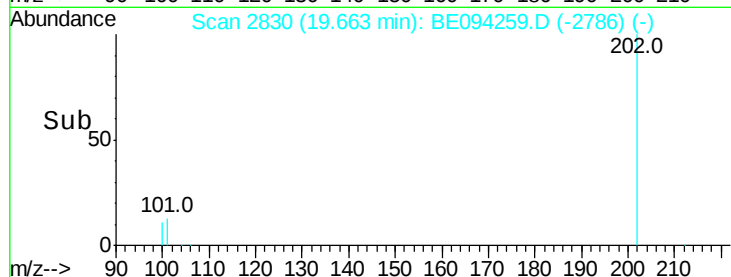
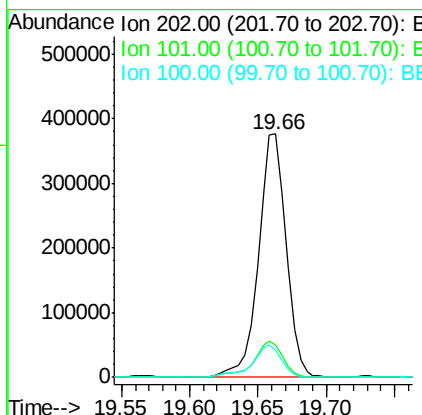
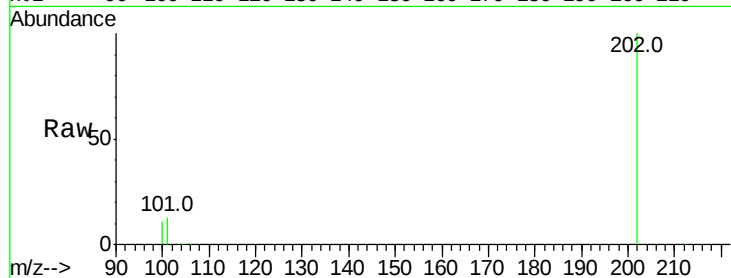
#17
Pvrene
Concen: 15.047 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE094259.D
Acq: 10 Oct 2017 20:03

Instrument :
BNA_E
ClientSampled :
C0AC1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.1	15.6	23.4#

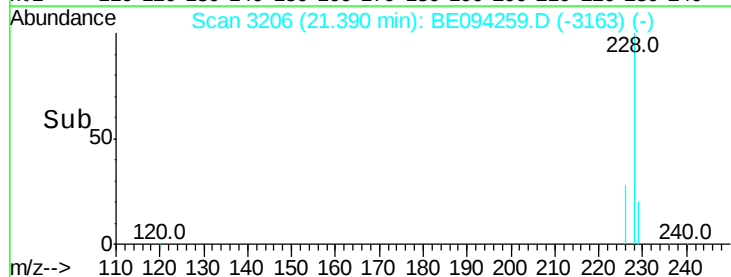
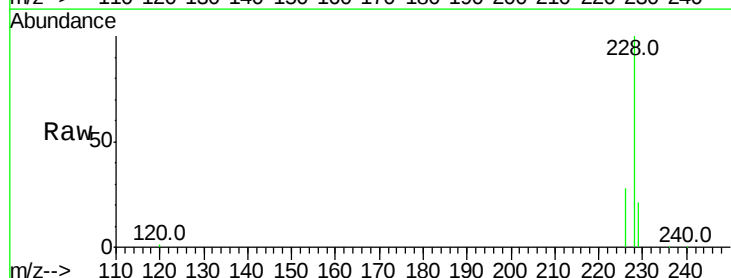
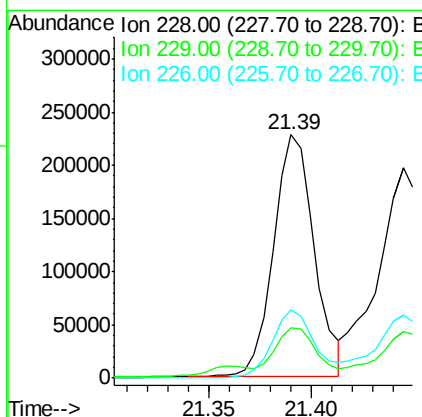
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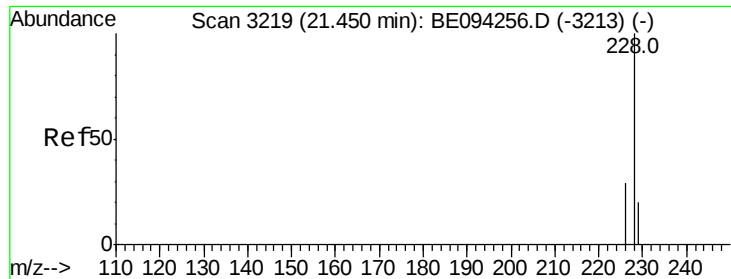
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#18
Benzo(a)anthracene
Concen: 9.300 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BE094259.D
Acq: 10 Oct 2017 20:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.0	17.0	25.6#





#19

Chrysene

Concen: 8.150 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Instrument :

BNA_E

ClientSampleId :

C0AC1

Tot Ion:228 Resp: 316074

Ion Ratio Lower Upper

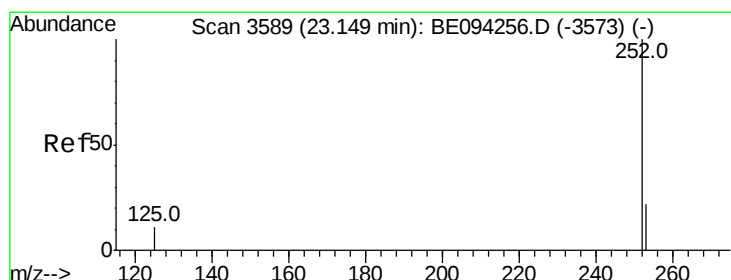
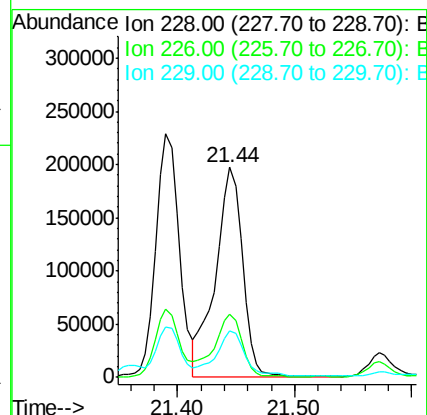
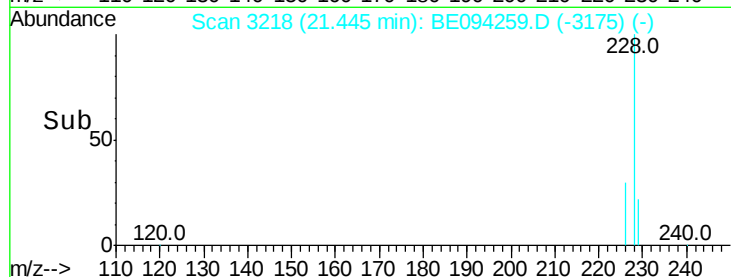
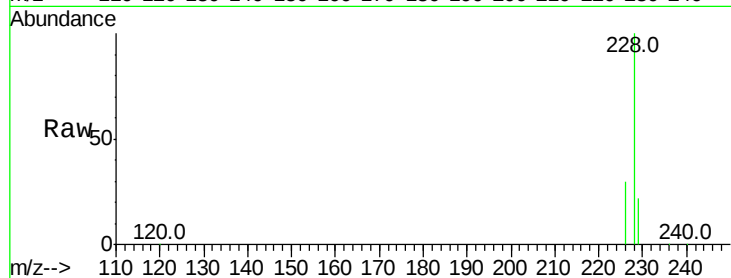
228 100

226 30.0 23.4 35.0

229 22.1 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 12.715 ng/ul m

RT: 23.15 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

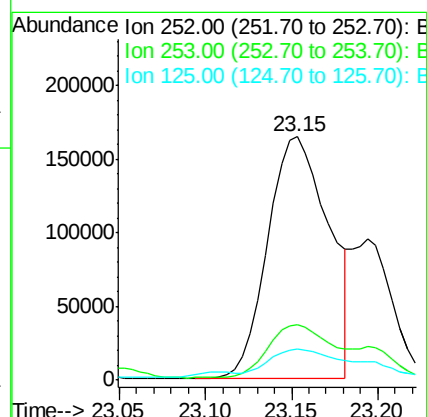
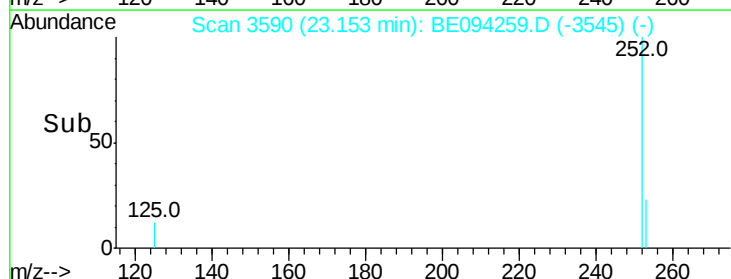
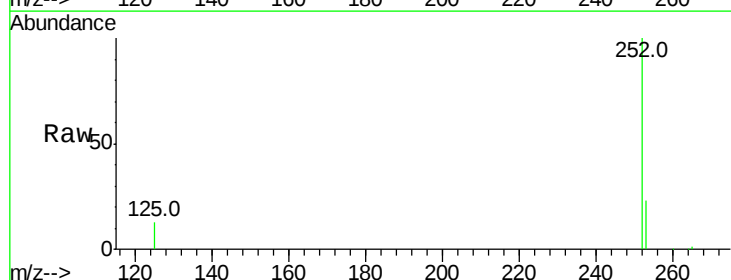
Tgt Ion:252 Resp: 405834

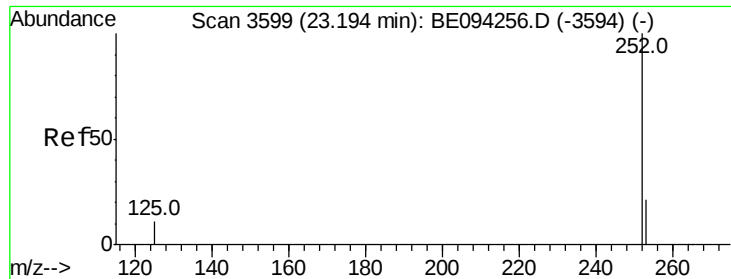
Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

125 12.7 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 4.223 ng/ul m

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Instrument :

BNA_E

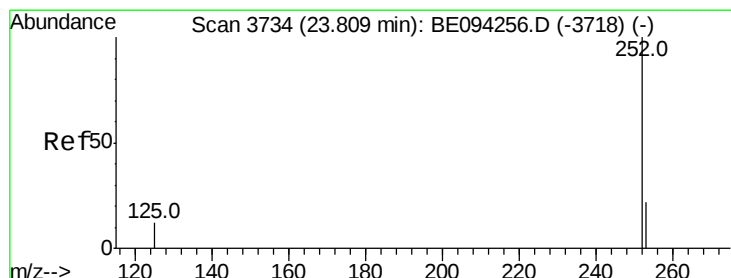
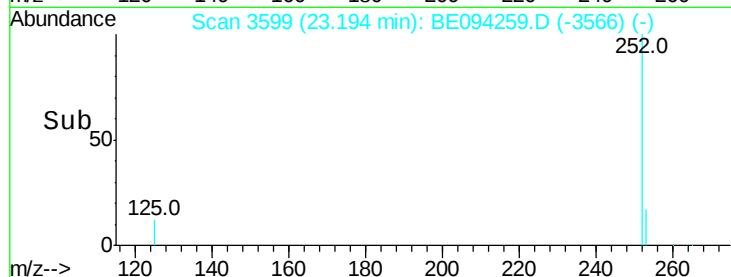
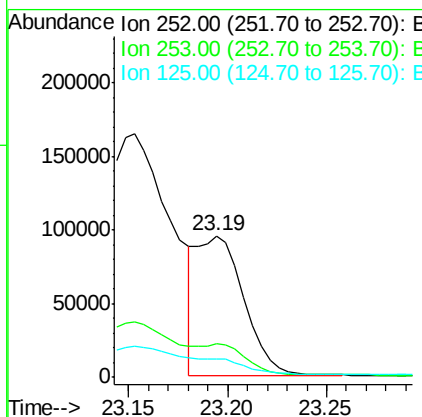
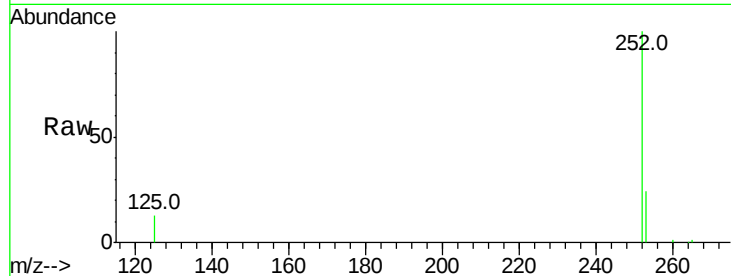
ClientSampled :

C0AC1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	24.5	36.7#
125	13.4	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 9.080 ng/ul

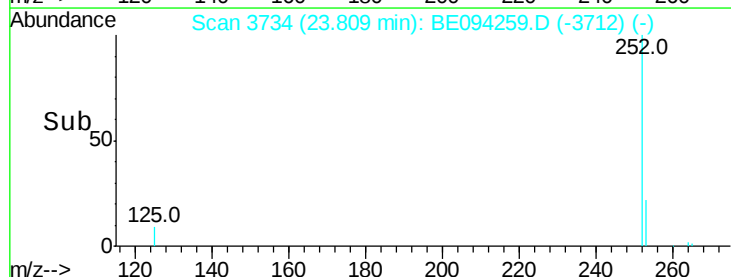
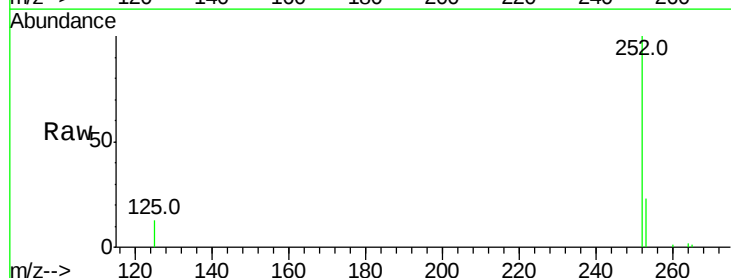
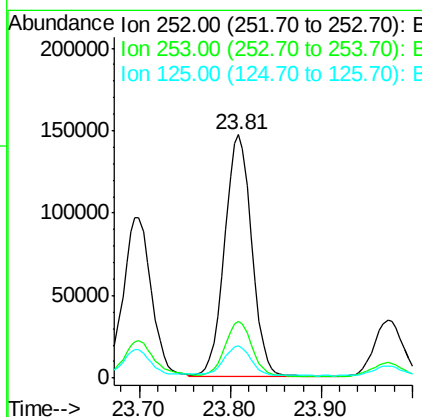
RT: 23.81 min Scan# 3734

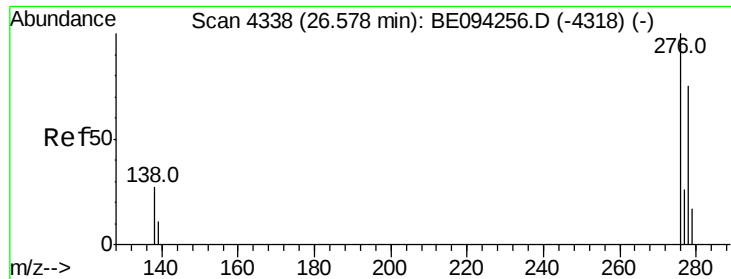
Delta R.T. -0.00 min

Lab File: BE094259.D

Acq: 10 Oct 2017 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	13.3	18.1	27.1#





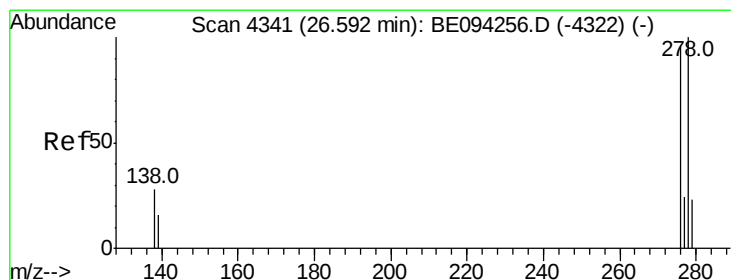
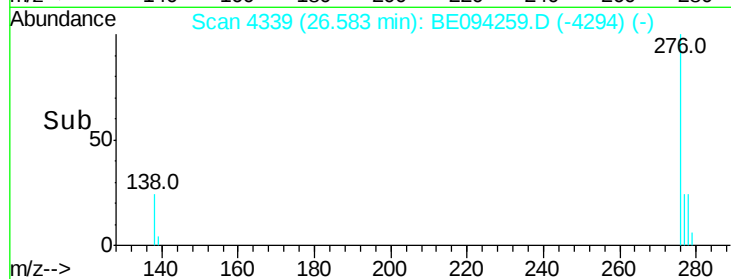
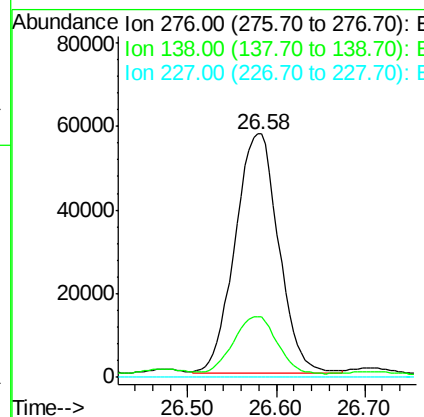
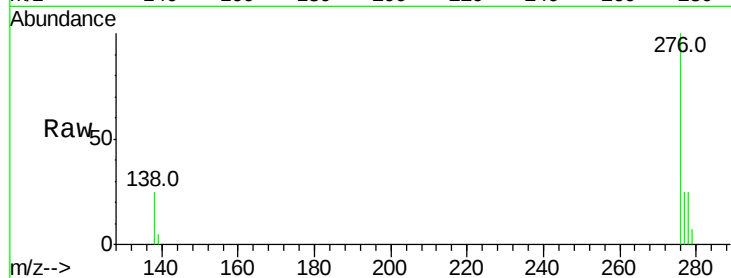
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 5.770 ng/ul
 RT: 26.58 min Scan# 4339
 Delta R.T. 0.00 min
 Lab File: BE094259.D
 Acq: 10 Oct 2017 20:03

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.0	8.0	12.0#

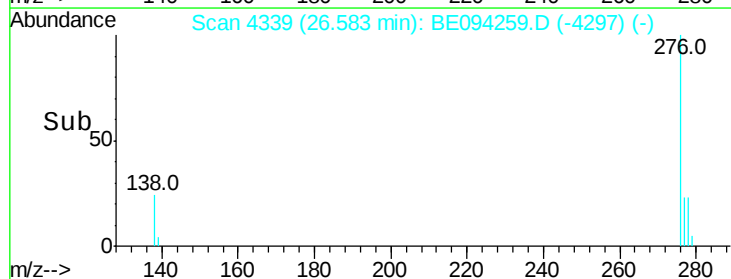
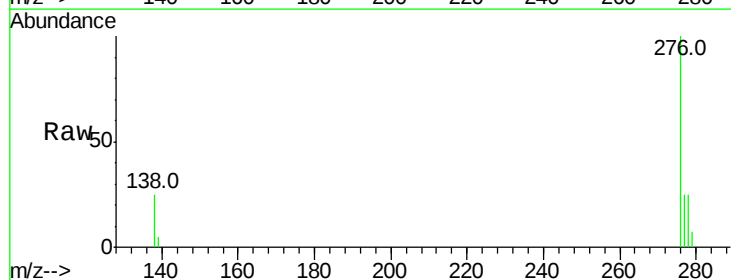
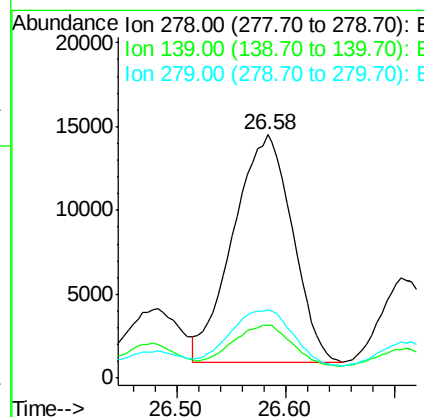
Manual Integrations
 APPROVED

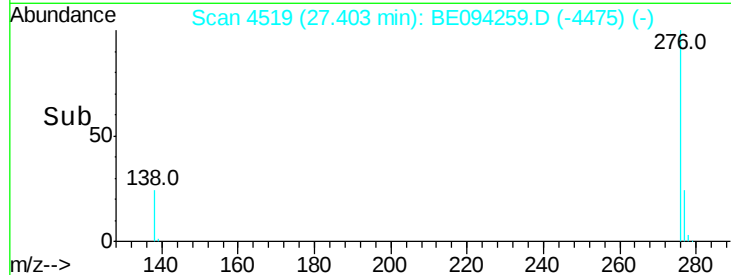
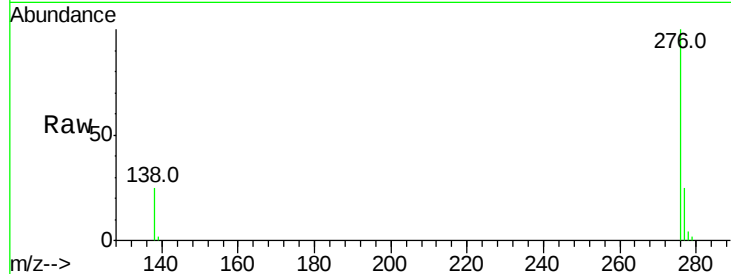
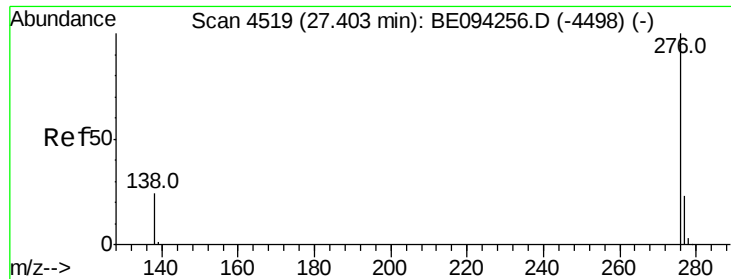
Sohil
 10/11/2017 7:19:55 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.794 ng/ul
 RT: 26.58 min Scan# 4339
 Delta R.T. -0.01 min
 Lab File: BE094259.D
 Acq: 10 Oct 2017 20:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	21.8	17.4	26.0
279	28.1	25.9	38.9





#26
 Benzo(a,h,i)perylene
 Concen: 4.945 ng/ul
 RT: 27.40 min Scan# 4519
 Delta R.T. 0.00 min
 Lab File: BE094259.D
 Acq: 10 Oct 2017 20:03

Tot Ion:	276	Resp:	144725
Ion Ratio	Lower	Upper	
276	100		
138	25.5	21.8	32.8
277	25.3	20.5	30.7

Instrument :
 BNA_E
 ClientSampleId :
 C0AC1

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:19:55 PM

