

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
 Data File : BE093134.D
 Acq On : 13 Jun 2017 17:09
 Operator : SJ/MA
 Sample : I3522-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C90

Manual Integrations
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Quant Time: Jun 14 02:09:17 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 01:25:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	23986	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	14005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	34520	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	39874	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	42377	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4471	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13111	0.14	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	5848	0.098	ng/ul#	96
5) 2-Methylnaphthalene	12.19	142	1223	0.030	ng/ul	99
7) Acenaphthylene	14.08	152	9562	0.159	ng/ul	99
12) Phenanthrene	17.14	178	10085	0.106	ng/ul#	87
13) Anthracene	17.22	178	8940	0.108	ng/ul#	91
15) Fluoranthene	19.15	202	41873	0.359	ng/ul	84
17) Pyrene	19.51	202	51901	0.441	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	29759	0.280	ng/ul#	84
19) Chrysene	21.30	228	38468	0.349	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	83917m	0.653	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	24736m	0.181	ng/ul	
23) Benzo(a)pyrene	23.55	252	40741	0.335	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.18	276	32861	0.233	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	8309	0.070	ng/ul#	83
26) Benzo(g,h,i)perylene	26.95	276	28151	0.233	ng/ul	96

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

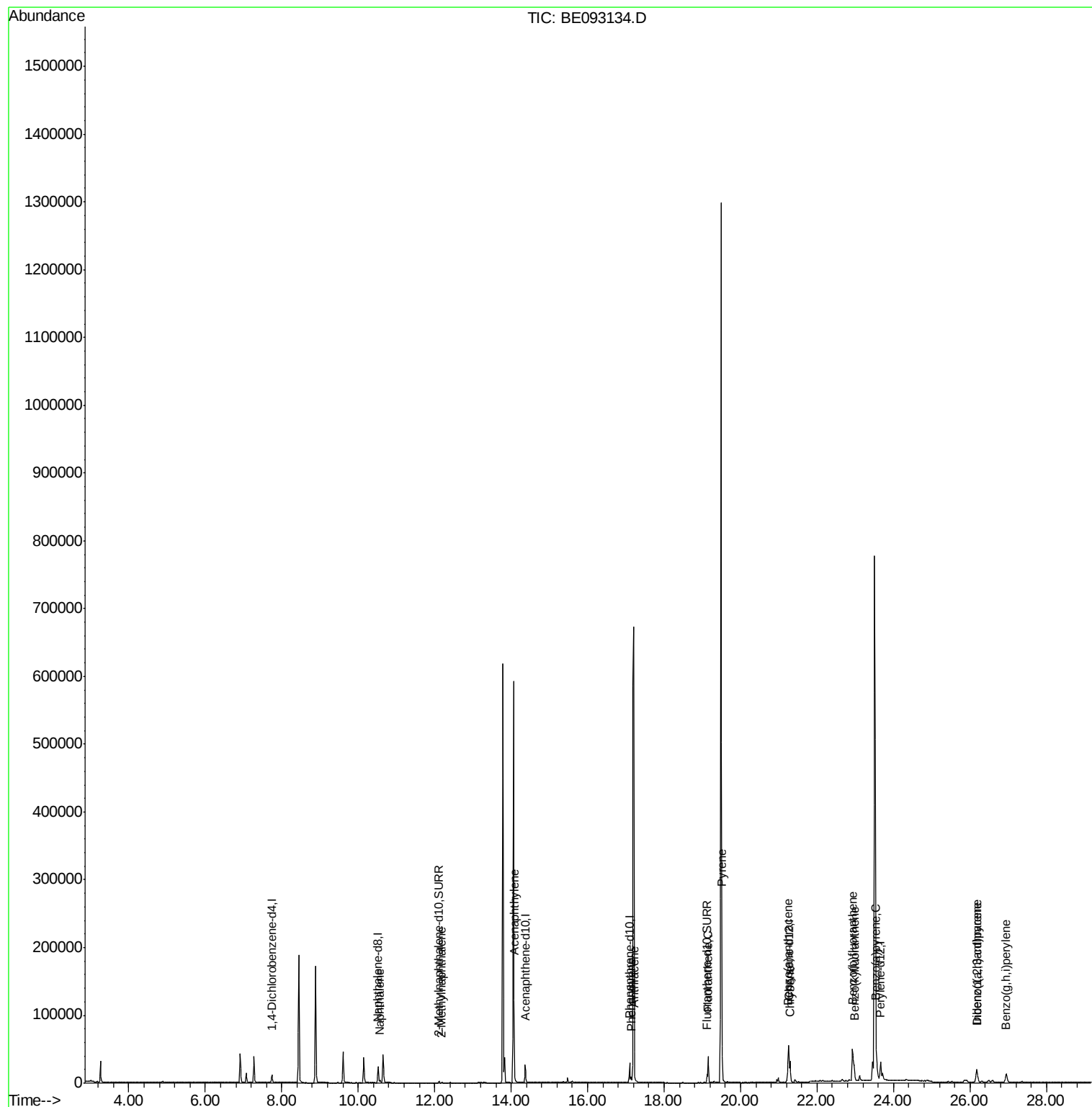
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061317\
Data File : BE093134.D
Acq On : 13 Jun 2017 17:09
Operator : SJ/MA
Sample : I3522-04
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ALS Vial : 8 Sample Multiplier: 1

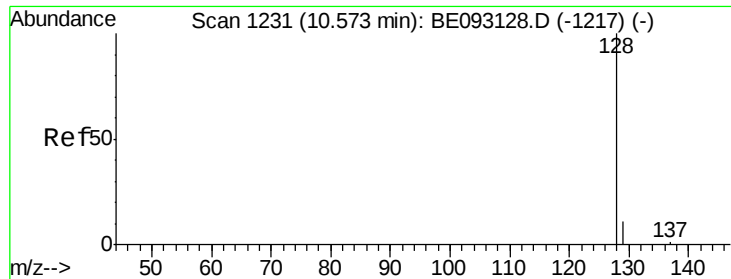
Instrument :
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ClientSampleId :
F5C90

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Quant Time: Jun 14 02:09:17 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 01:25:15 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.098 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

Instrument :

BNA_E

ClientSampleId :

F5C90

Tgt Ion:128 Resp: 5848

Ion Ratio Lower Upper

128 100

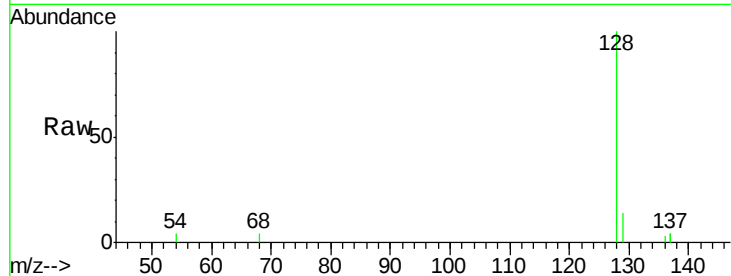
129 13.9 11.3 16.9

127 0.0 4.0 6.0#

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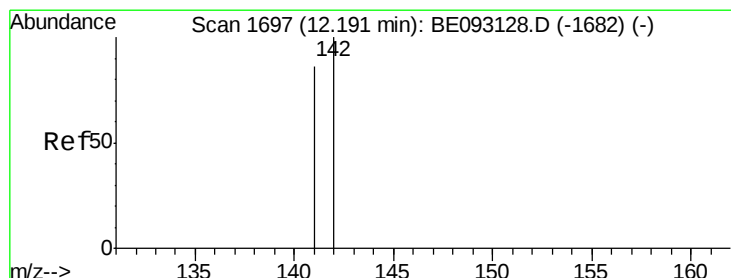
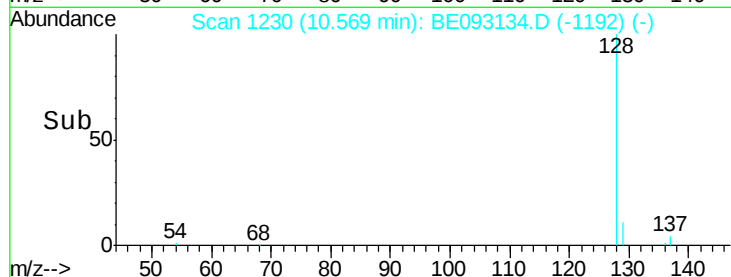
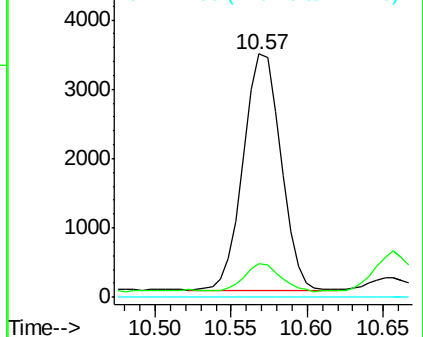
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.19 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BE093134.D

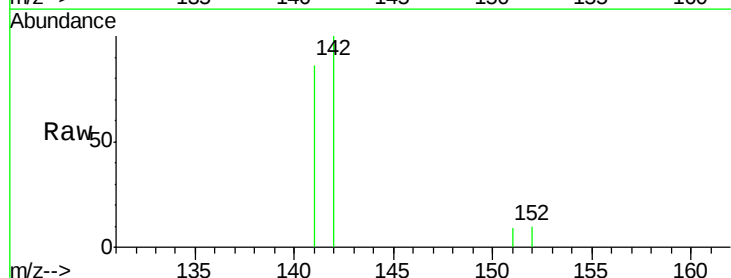
Acq: 13 Jun 2017 17:09

Tgt Ion:142 Resp: 1223

Ion Ratio Lower Upper

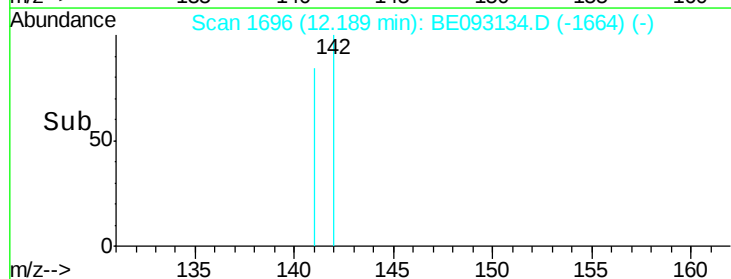
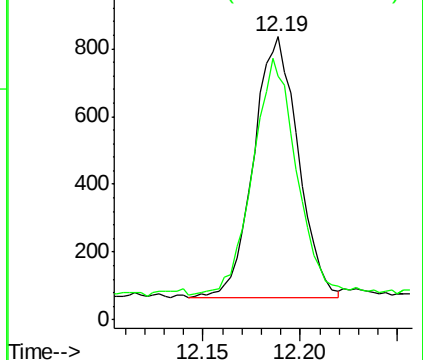
142 100

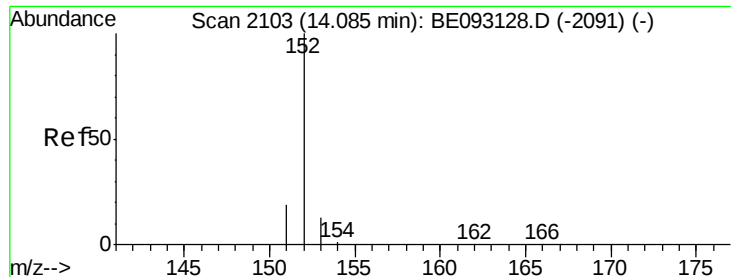
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.159 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

Instrument :

BNA_E

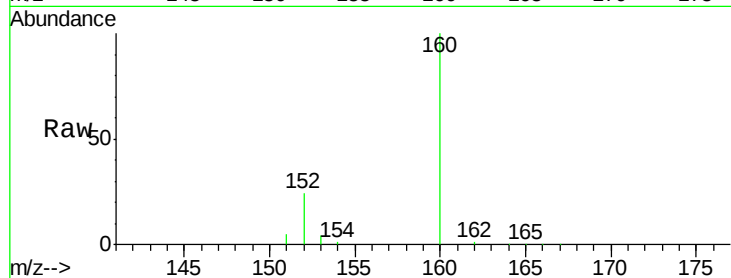
ClientSampleId :

F5C90

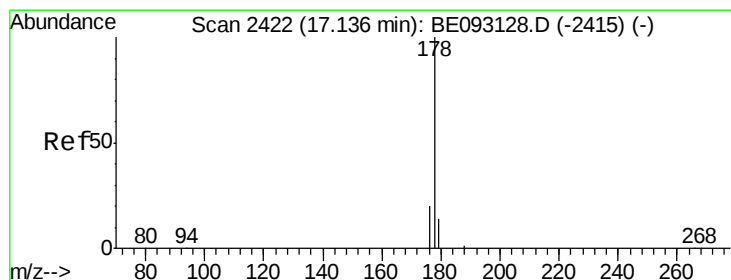
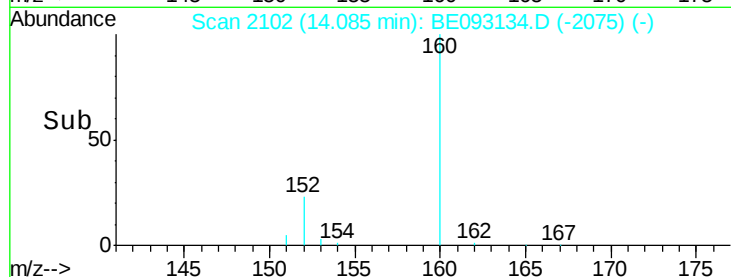
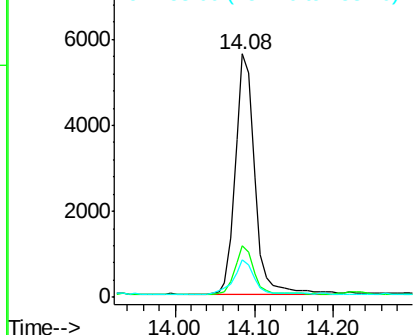
Tgt Ion:	152	Resp:	9562
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.1	25.7
153	15.2	12.8	19.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.106 ng/ul

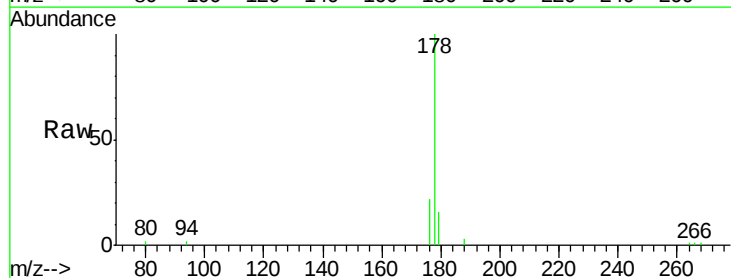
RT: 17.14 min Scan# 2421

Delta R.T. -0.00 min

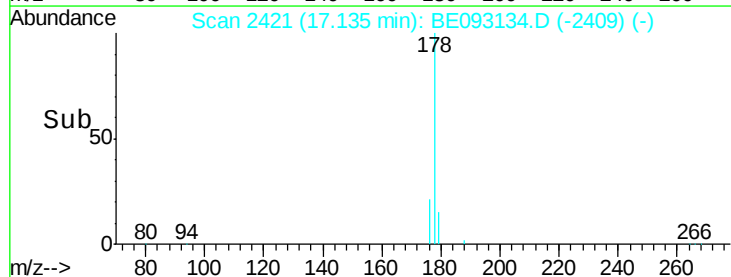
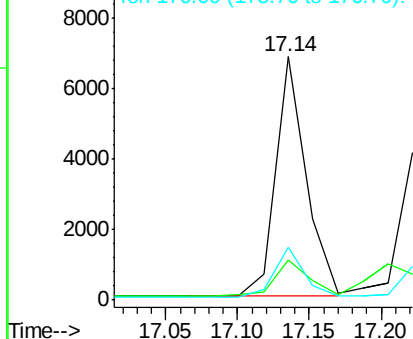
Lab File: BE093134.D

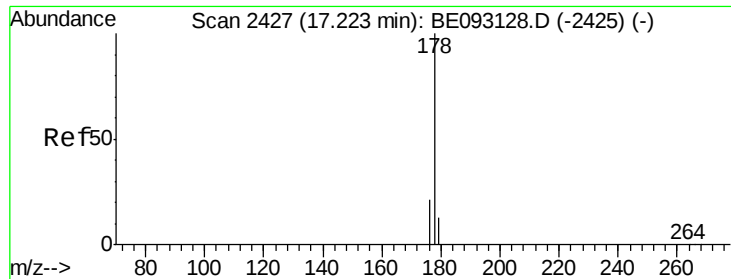
Acq: 13 Jun 2017 17:09

Tgt Ion:	178	Resp:	10085
Ion Ratio	Lower	Upper	
178	100		
179	16.2	18.4	27.6#
176	21.8	13.6	20.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





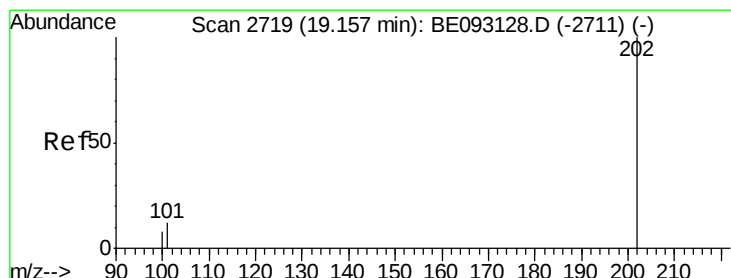
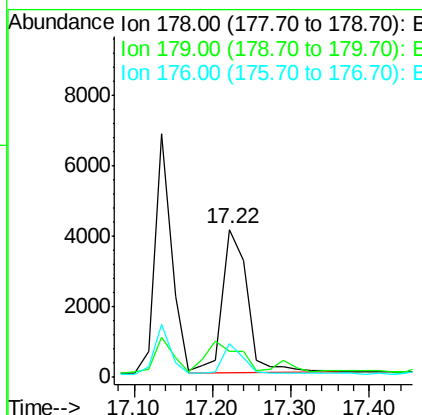
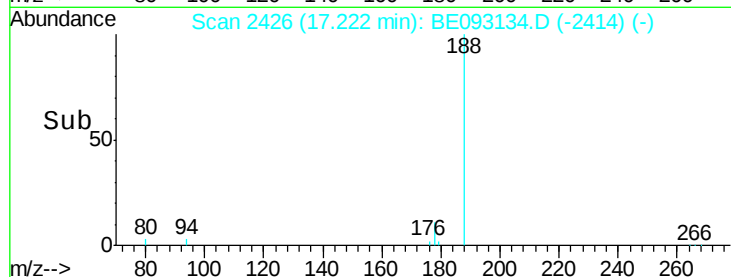
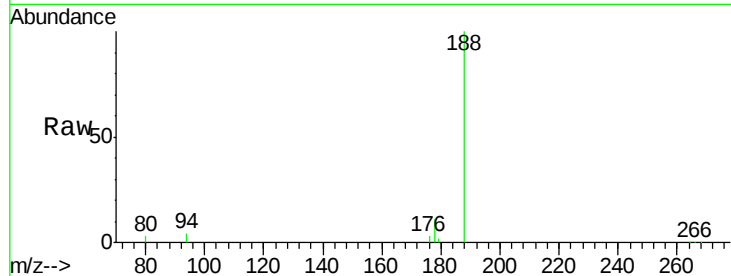
#13
 Anthracene
 Concen: 0.108 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	22.5	14.7	22.1#

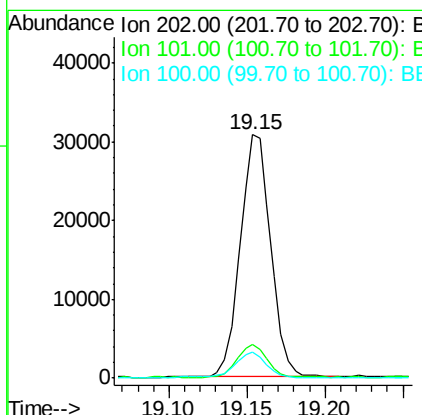
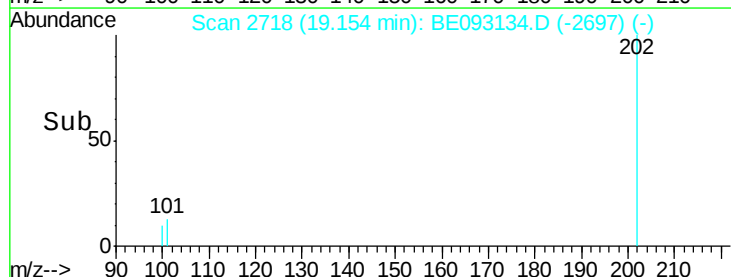
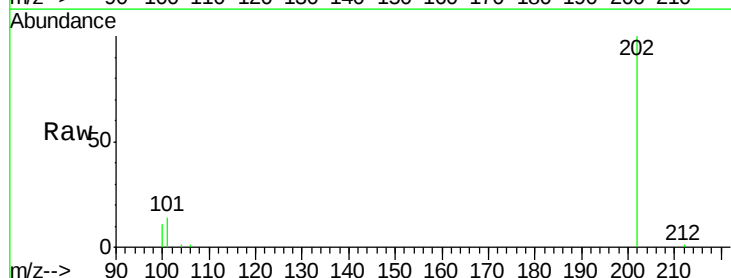
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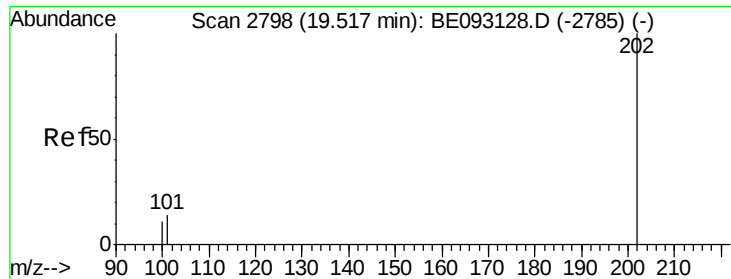
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#15
 Fluoranthene
 Concen: 0.359 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	30.3
100	10.6	0.0	39.5





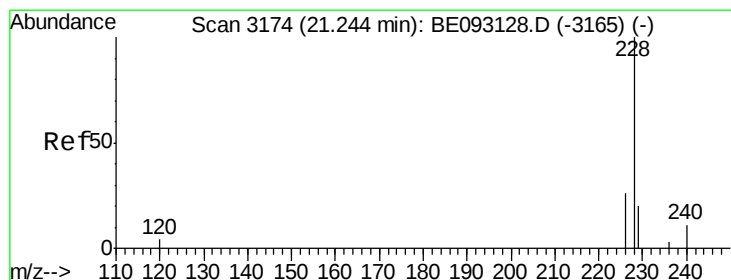
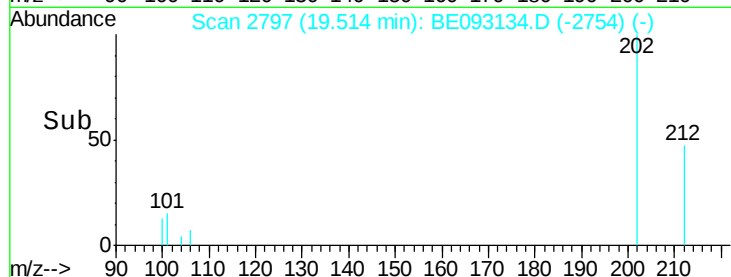
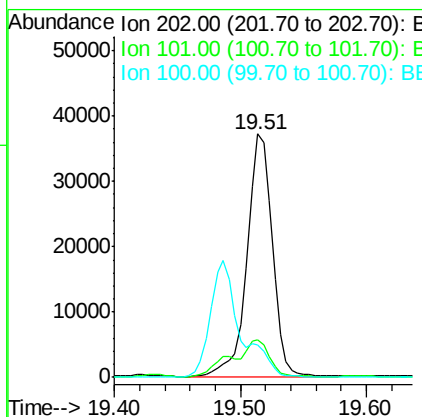
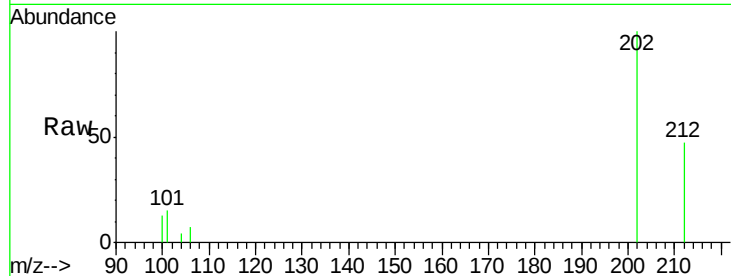
#17
 Pyrene
 Concen: 0.441 ng/u1
 RT: 19.51 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Instrument :
 BNA_E
 ClientSampleId :
 F5C90

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51901		
101	15.3	18.2	27.4#	
100	13.1	15.6	23.4#	

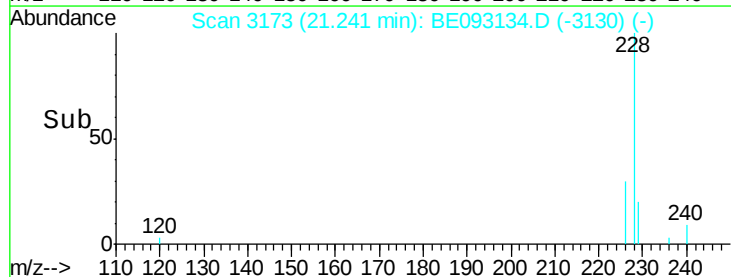
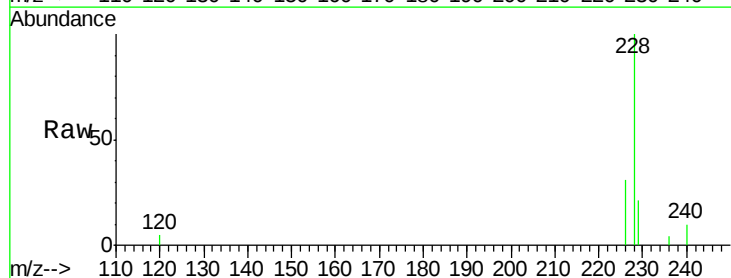
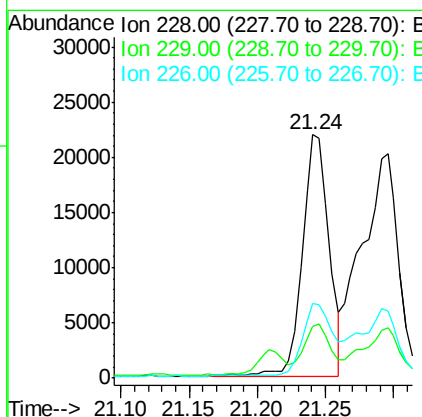
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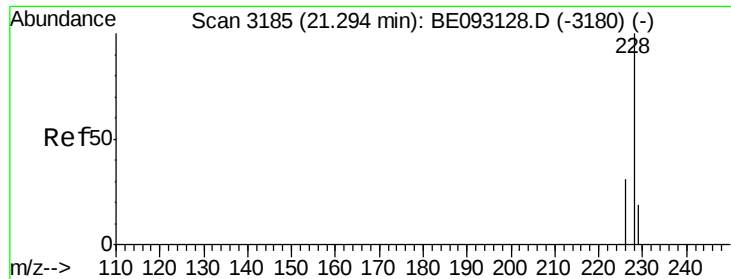
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#18
 Benzo(a)anthracene
 Concen: 0.280 ng/u1
 RT: 21.24 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	29759		
229	21.4	22.8	34.2#	
226	30.9	17.0	25.6#	





#19

Chrysene

Concen: 0.349 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

Instrument :

BNA_E

ClientSampleId :

F5C90

Tgt Ion:228 Resp: 38468

Ion Ratio Lower Upper

228 100

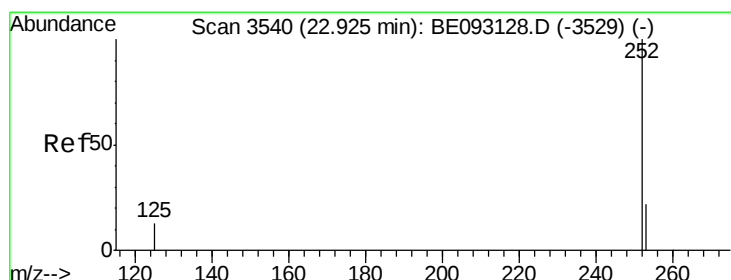
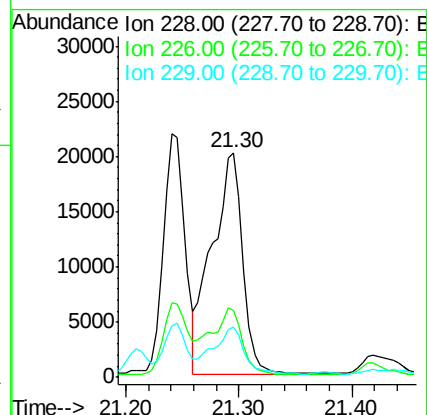
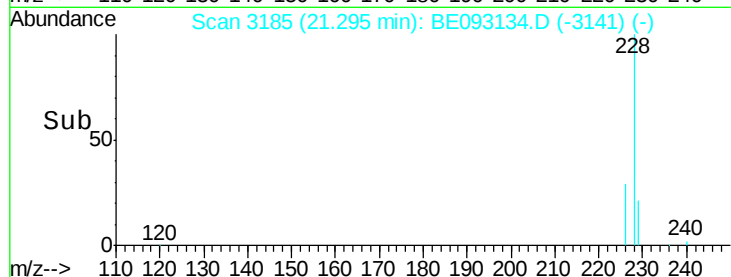
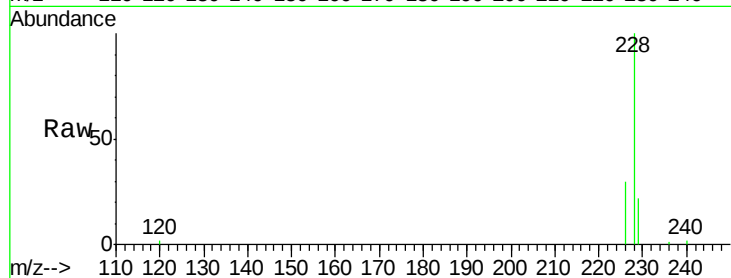
226 29.9 23.4 35.0

229 22.3 17.7 26.5

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#21

Benzo(b)fluoranthene

Concen: 0.653 ng/ul m

RT: 22.93 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

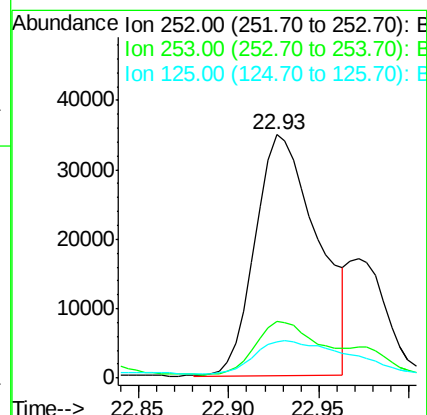
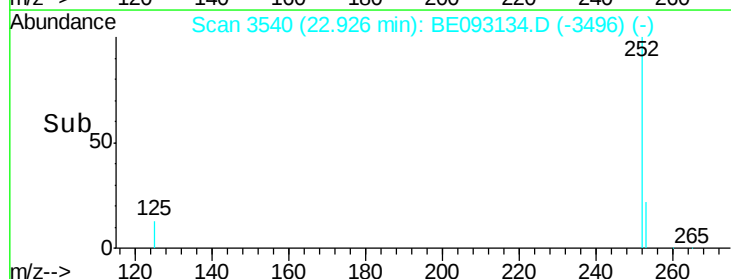
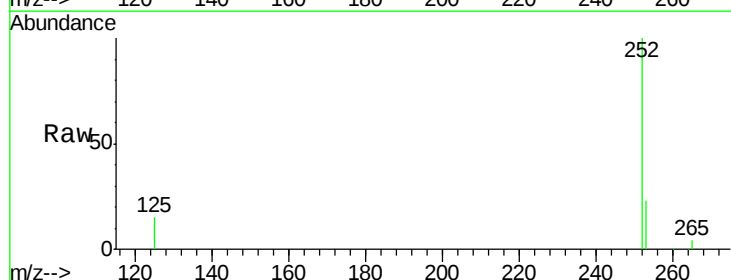
Tgt Ion:252 Resp: 83917

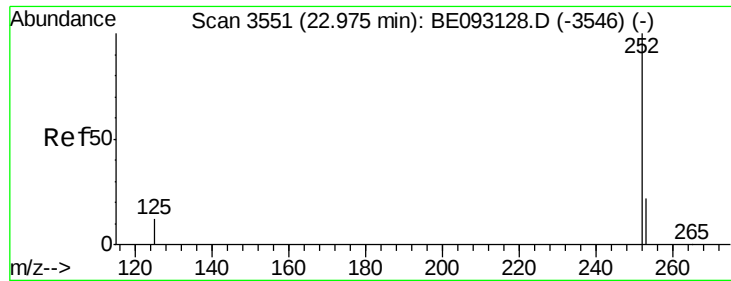
Ion Ratio Lower Upper

252 100

253 23.5 0.0 64.2

125 14.8 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.181 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

Instrument :

BNA_E

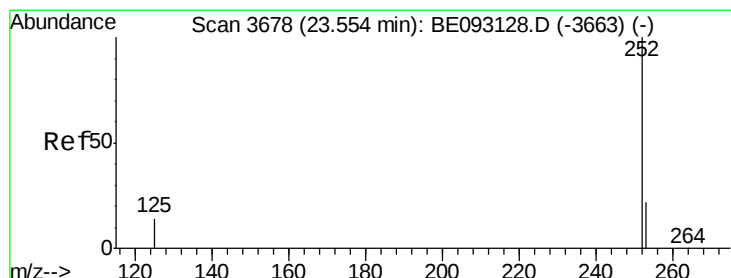
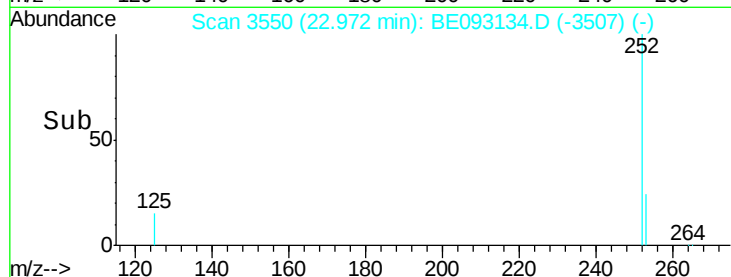
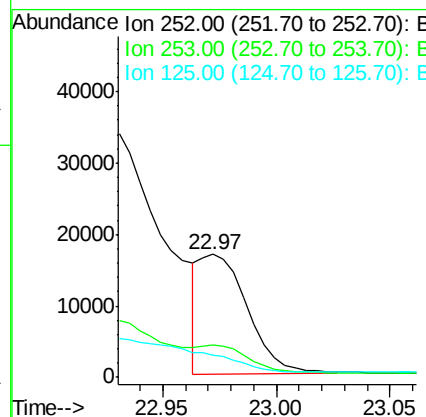
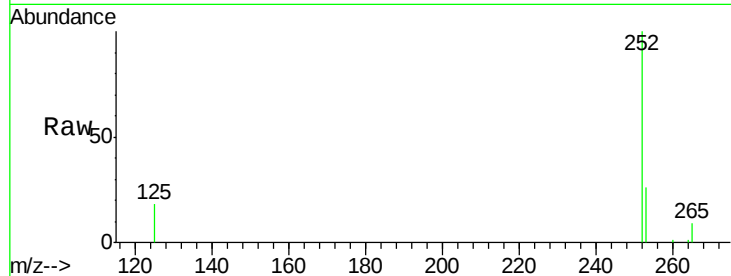
ClientSampled :

F5C90

Tgt Ion:	252	Resp:	24736
Ion Ratio	Lower	Upper	
252	100		
253	26.1	24.5	36.7
125	18.5	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.335 ng/ul

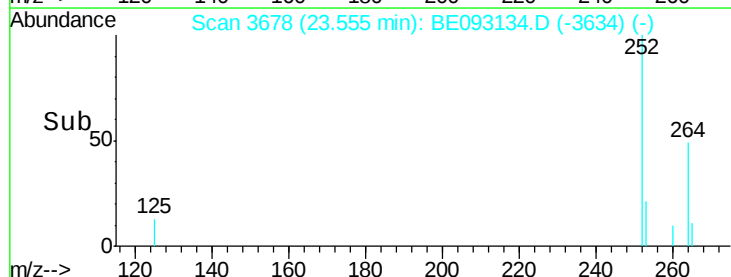
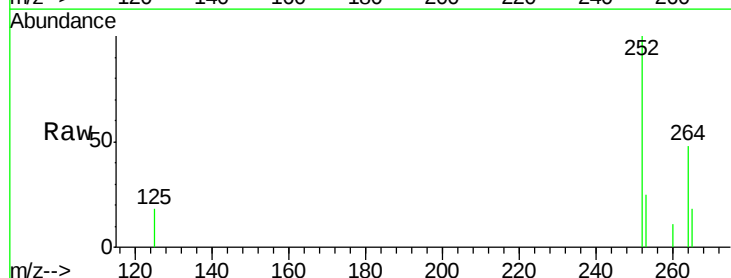
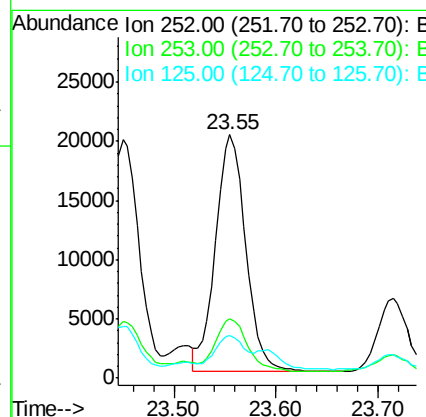
RT: 23.55 min Scan# 3678

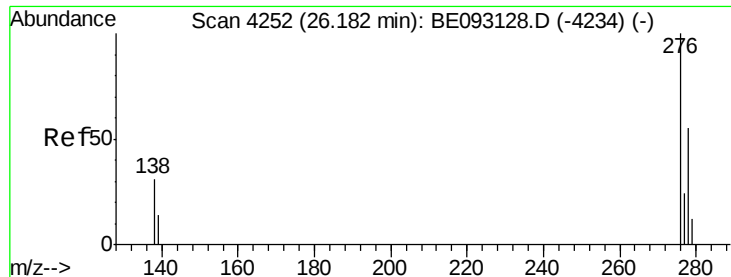
Delta R.T. 0.00 min

Lab File: BE093134.D

Acq: 13 Jun 2017 17:09

Tgt Ion:	252	Resp:	40741
Ion Ratio	Lower	Upper	
252	100		
253	24.5	28.5	42.7#
125	17.5	18.1	27.1#





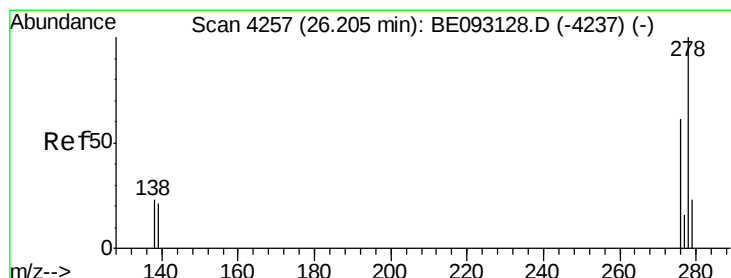
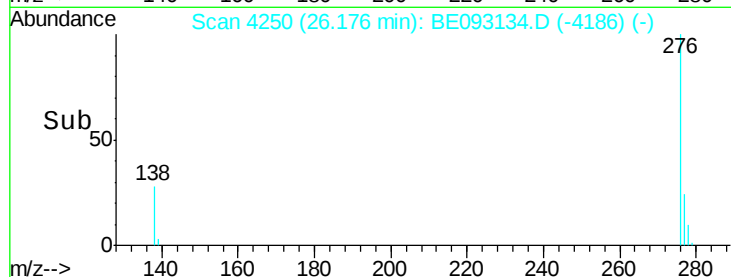
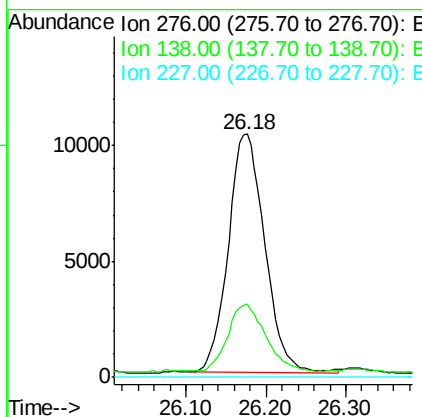
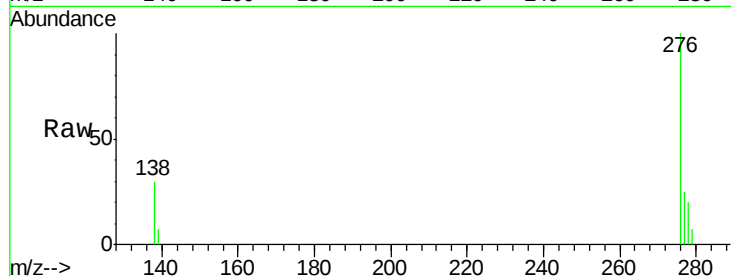
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.233 ng/u1
 RT: 26.18 min Scan# 4250
 Delta R.T. -0.01 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Instrument :
 BNA_E
 ClientSampleId :
 F5C90

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.3	28.0	42.0
227	0.0	8.0	12.0

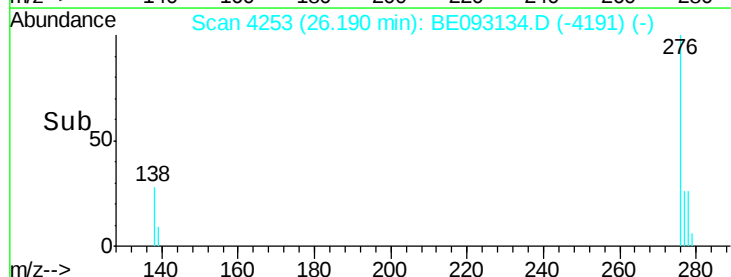
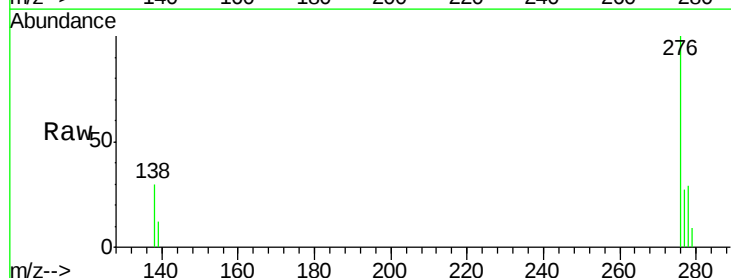
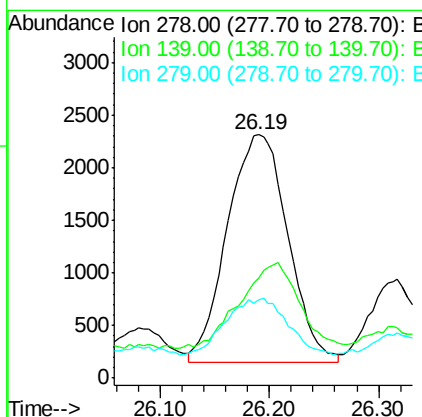
Manual Integrations
 APPROVED

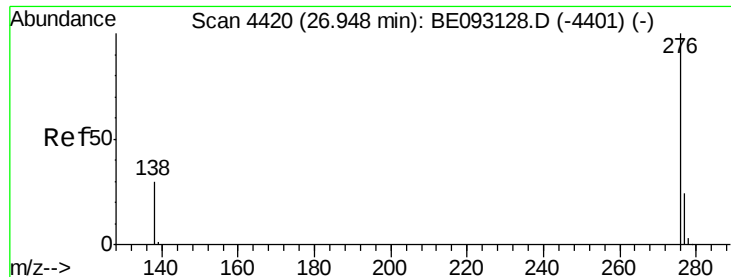
mohammad
 6/14/2017 2:58:56 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.070 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.02 min
 Lab File: BE093134.D
 Acq: 13 Jun 2017 17:09

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	41.3	17.4	26.0
279	32.2	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.233 ng/ul

RT: 26.95 min Scan# 4419

Delta R.T. -0.00 min

Lab File: BE093134.D

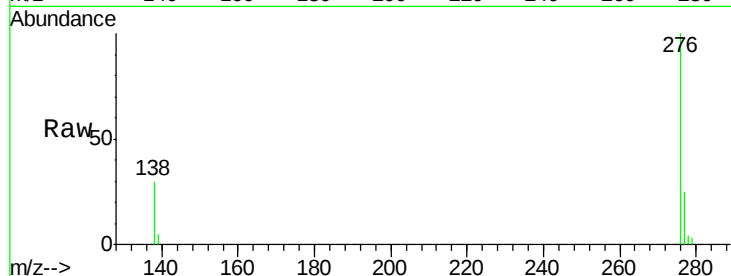
Acq: 13 Jun 2017 17:09

Instrument :

BNA_E

ClientSampleId :

F5C90



Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	21.8	32.8
277	24.6	20.5	30.7

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