

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093359.D
 Acq On : 24 Jun 2017 13:25
 Operator : SJ/JU
 Sample : I3625-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B82

Manual Integrations
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Quant Time: Jun 26 01:36:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:13:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1417	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7441	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4883	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11163m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11827	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	9176m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	4175	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	13016	0.43	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	17796	0.964	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	4067	0.322	ng/ul	98
7) Acenaphthylene	14.08	152	79104	3.775	ng/ul	96
8) Acenaphthene	14.42	153	1540	0.091	ng/ul#	92
9) Fluorene	15.42	166	2493	0.126	ng/ul#	89
12) Phenanthrene	17.14	178	55002	1.791	ng/ul#	91
13) Anthracene	17.22	178	144112	5.389	ng/ul#	89
15) Fluoranthene	19.15	202	229080	6.082	ng/ul	83
17) Pyrene	19.51	202	248978	7.138	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	196998	6.245	ng/ul#	82
19) Chrysene	21.29	228	225430	6.889	ng/ul	97
21) Benzo(b)fluoranthene	22.94	252	486297	17.463	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	146237m	4.945	ng/ul	
23) Benzo(a)pyrene	23.57	252	243756m	9.258	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.20	276	276575m	9.072	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	65329	2.545	ng/ul	94
26) Benzo(g,h,i)perylene	26.97	276	270963	10.364	ng/ul	97

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

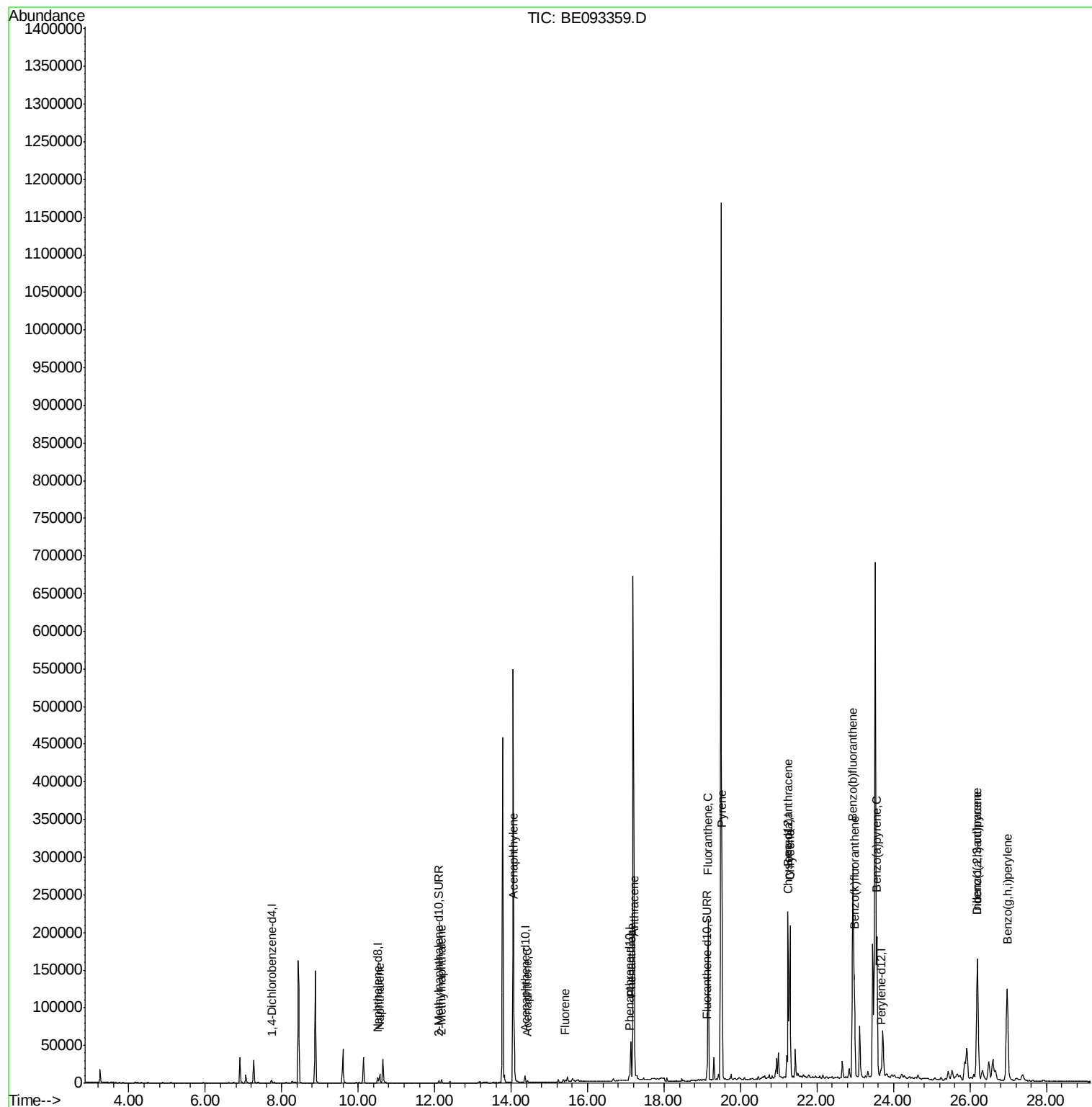
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093359.D
Acq On : 24 Jun 2017 13:25
Operator : SJ/JU
Sample : I3625-08
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ALS Vial : 8 Sample Multiplier: 1

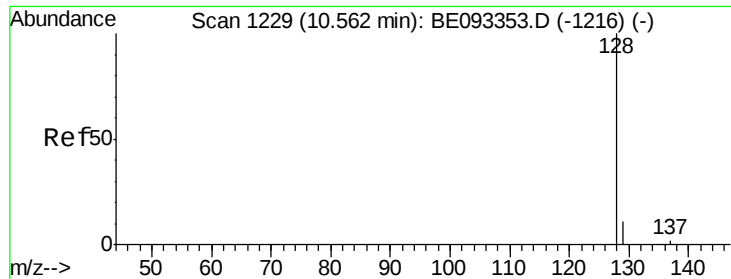
Instrument :
BNA_E
ClientSampled :
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Quant Time: Jun 26 01:36:14 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.964 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093359.D

Acq: 24 Jun 2017 13:25

Instrument :

BNA_E

ClientSampleId :

F5B82

Tgt Ion:128 Resp: 17796

Ion Ratio Lower Upper

128 100

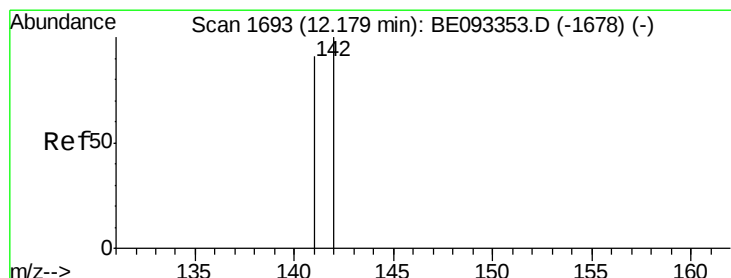
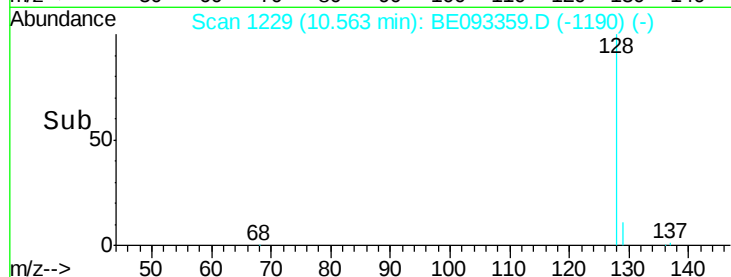
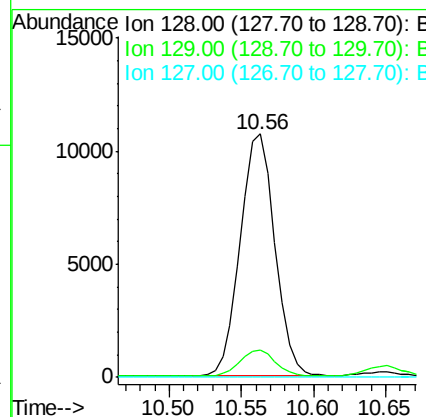
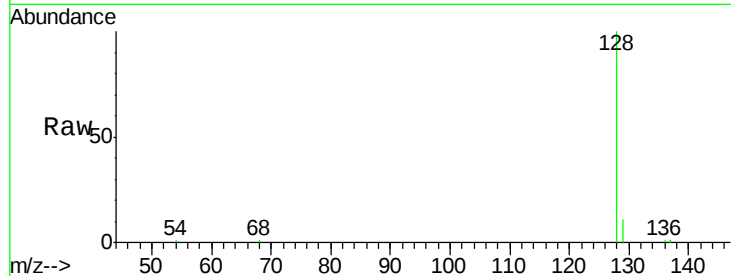
129 11.5 11.3 16.9

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.322 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093359.D

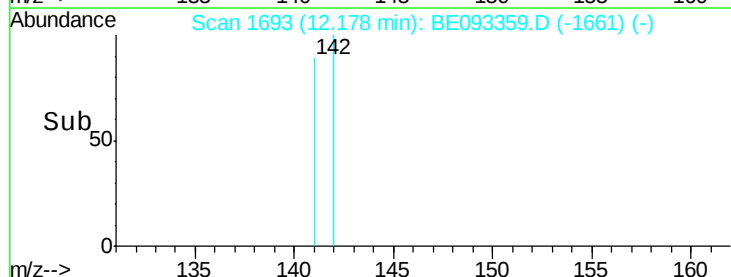
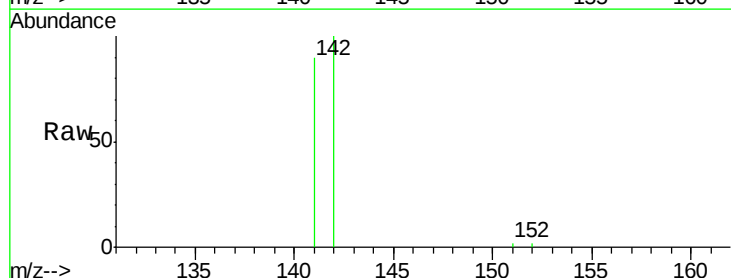
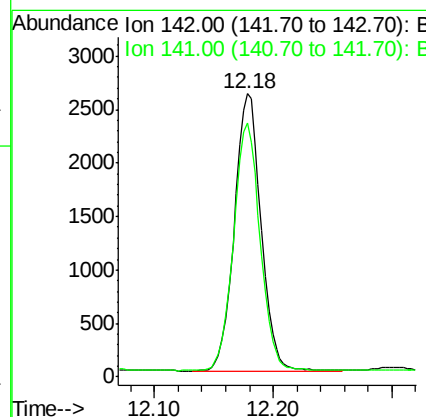
Acq: 24 Jun 2017 13:25

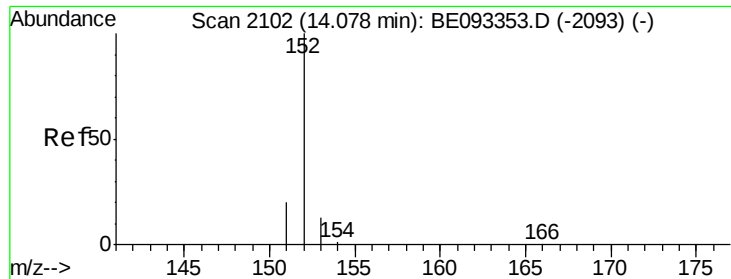
Tgt Ion:142 Resp: 4067

Ion Ratio Lower Upper

142 100

141 88.6 72.6 108.8





#7

Acenaphthylene

Concen: 3.775 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093359.D

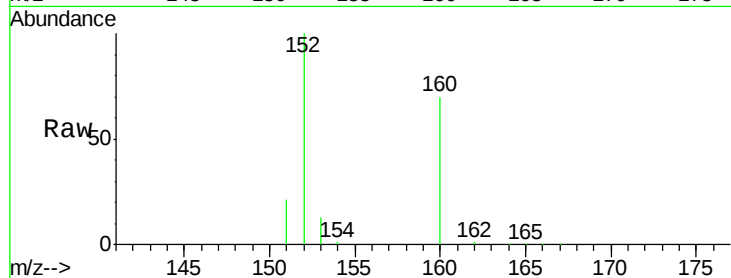
Acq: 24 Jun 2017 13:25

Instrument :

BNA_E

ClientSampleId :

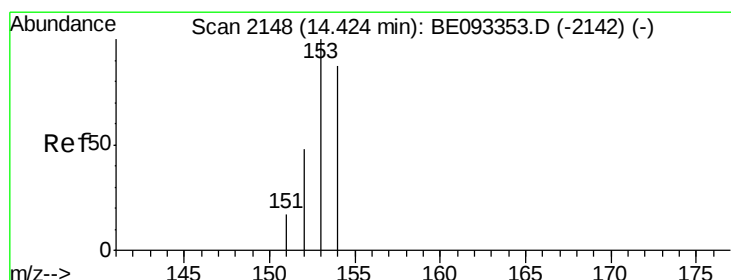
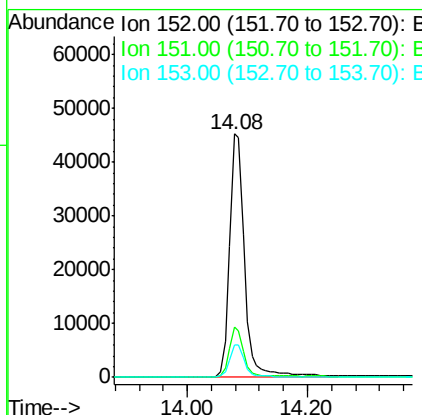
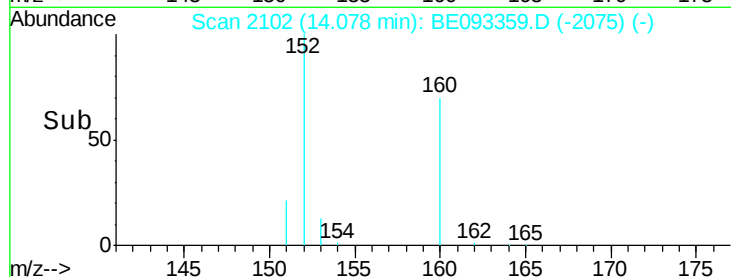
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.091 ng/ul

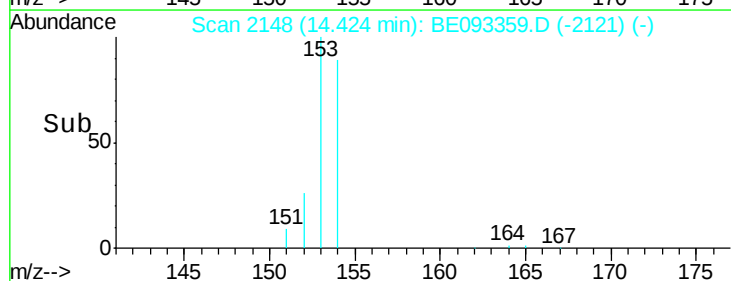
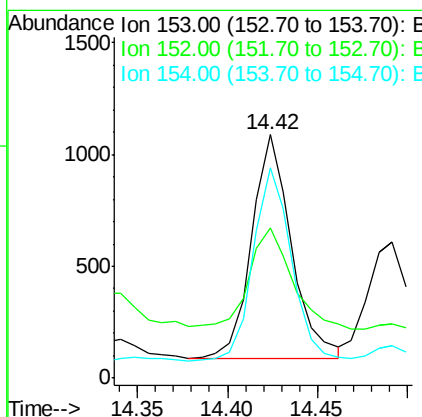
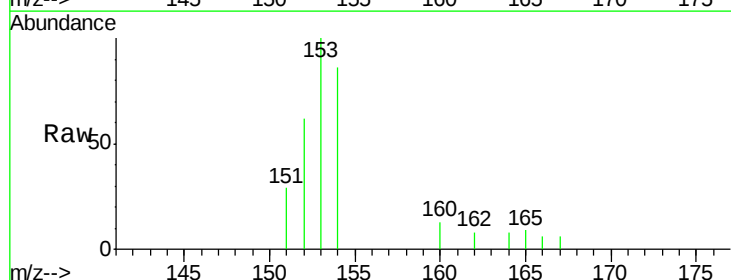
RT: 14.42 min Scan# 2148

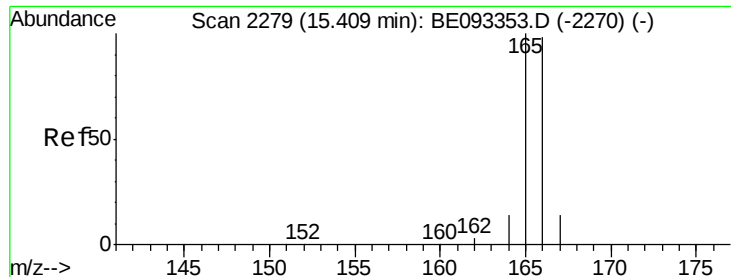
Delta R.T. -0.00 min

Lab File: BE093359.D

Acq: 24 Jun 2017 13:25

Tgt Ion	Ratio	Lower	Upper
153	100		
152	61.7	40.3	60.5#
154	86.2	71.4	107.2





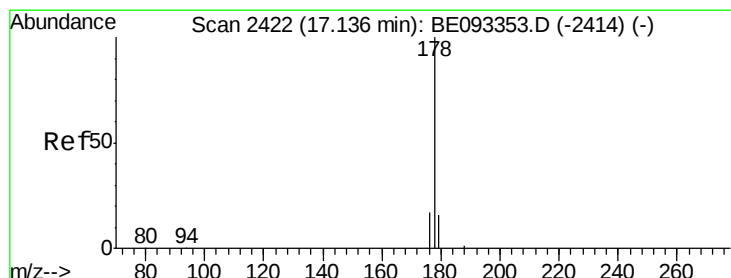
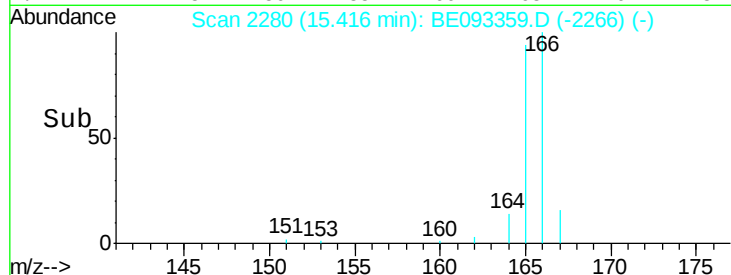
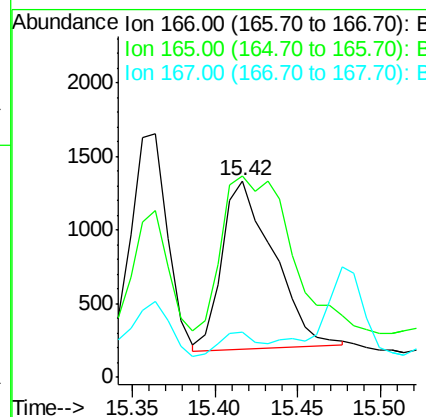
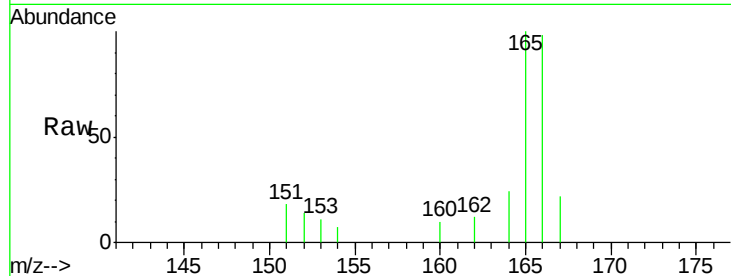
#9
Fluorene
 Concen: 0.126 ng/ul
 RT: 15.42 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Instrument :
 BNA_E
 ClientSampleId :
 F5B82

Tgt Ion:166 Resp: 2493
 Ion Ratio Lower Upper
 166 100
 165 102.3 73.4 110.2
 167 22.9 14.6 22.0#

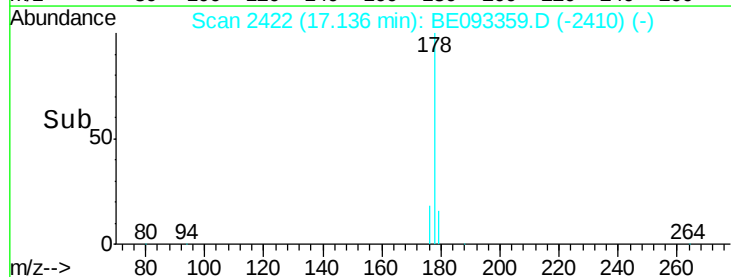
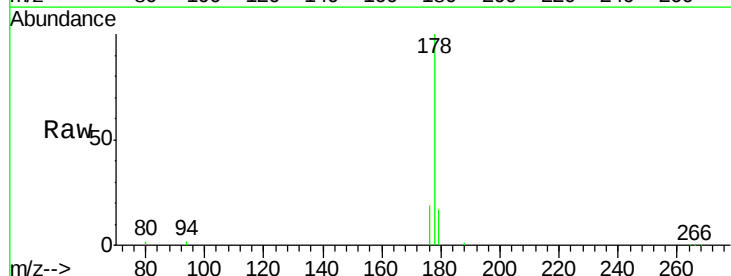
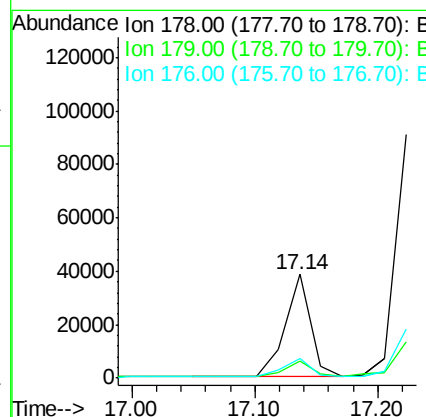
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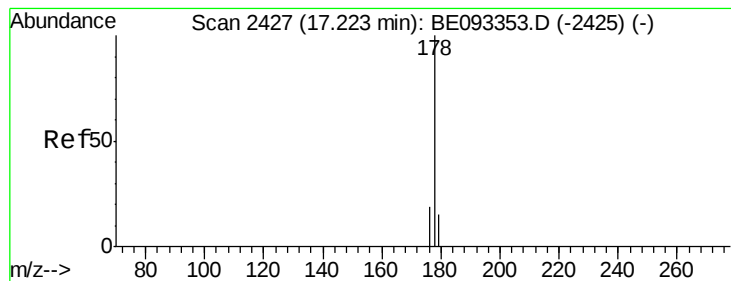
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#12
Phenanthrene
 Concen: 1.791 ng/ul
 RT: 17.14 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Tgt Ion:178 Resp: 55002
 Ion Ratio Lower Upper
 178 100
 179 16.9 18.4 27.6#
 176 18.5 13.6 20.4





#13

Anthracene

Concen: 5.389 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093359.D

Acq: 24 Jun 2017 13:25

Instrument :

BNA_E

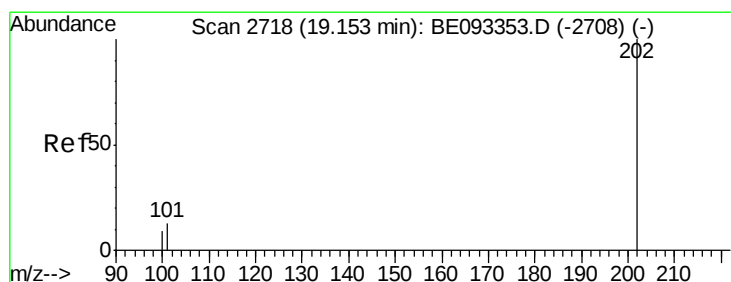
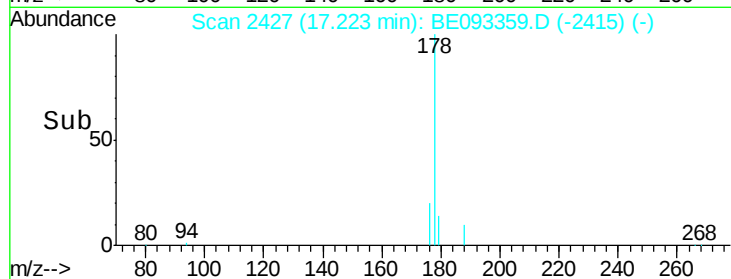
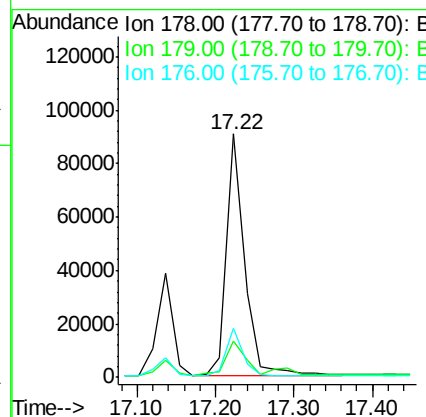
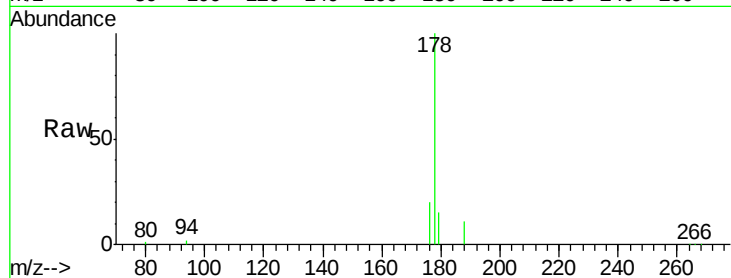
ClientSampleId :

F5B82

Tgt Ion:	178	Resp:	144112
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.1	27.1#
176	20.1	14.7	22.1

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#15

Fluoranthene

Concen: 6.082 ng/ul

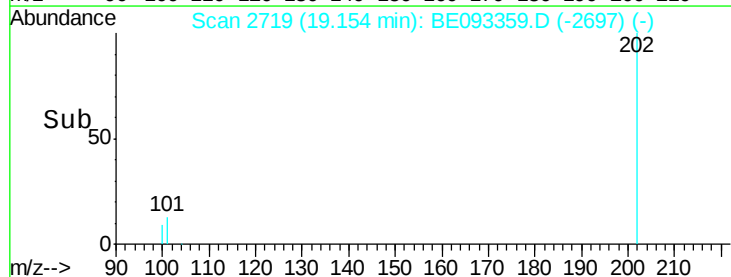
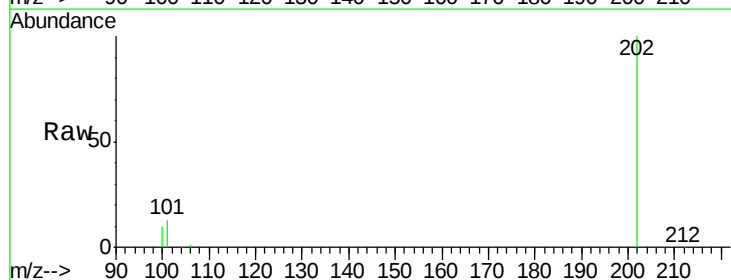
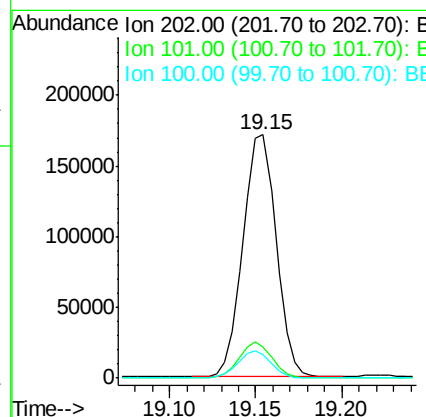
RT: 19.15 min Scan# 2719

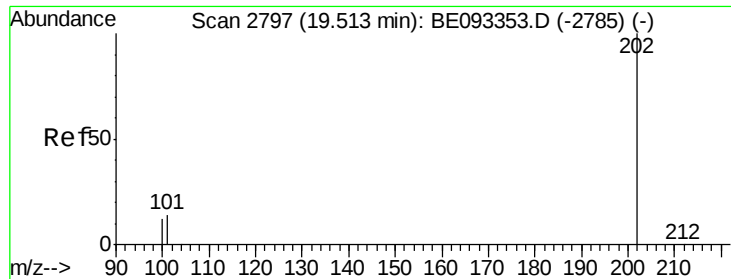
Delta R.T. 0.00 min

Lab File: BE093359.D

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Tgt Ion:	202	Resp:	229080
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.3
100	9.6	0.0	39.5





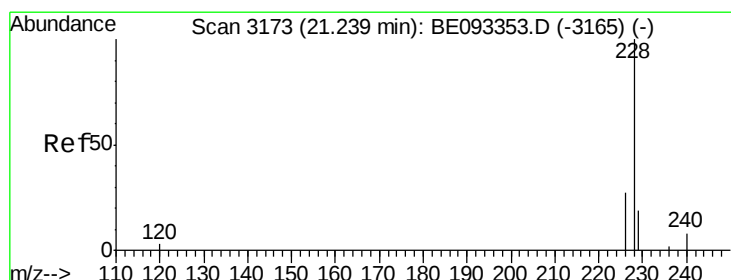
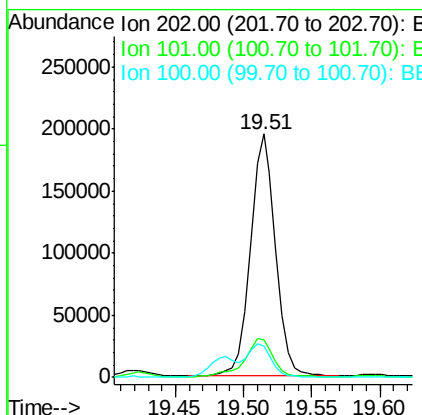
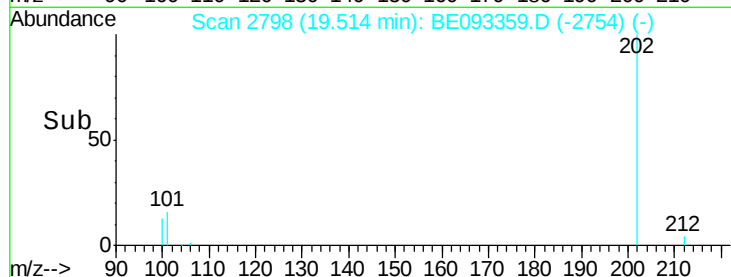
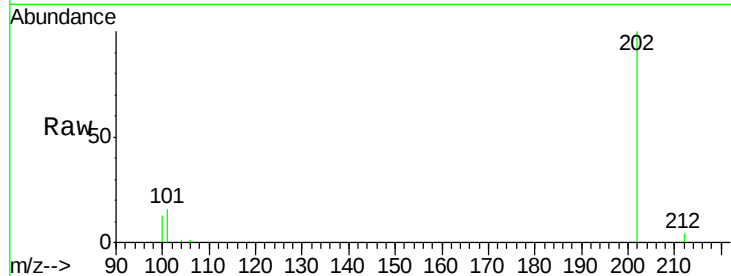
#17
Pyrene
 Concen: 7.138 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.6	18.2	27.4#
100	12.8	15.6	23.4#

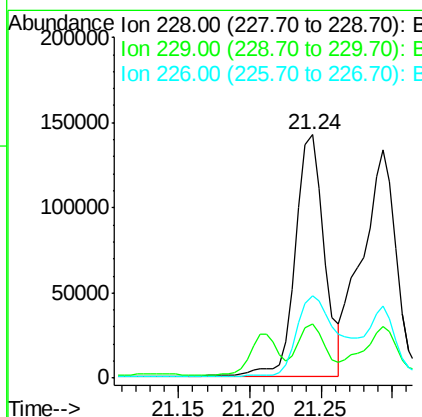
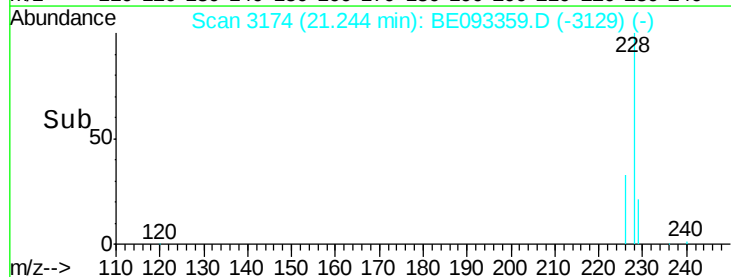
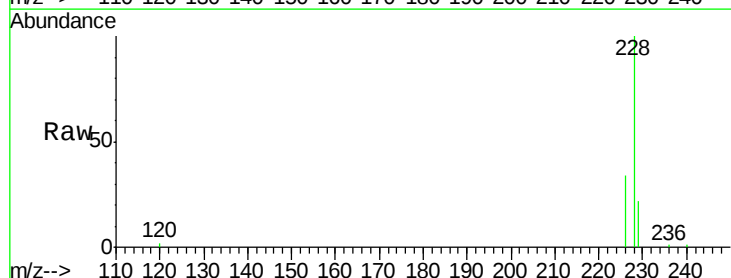
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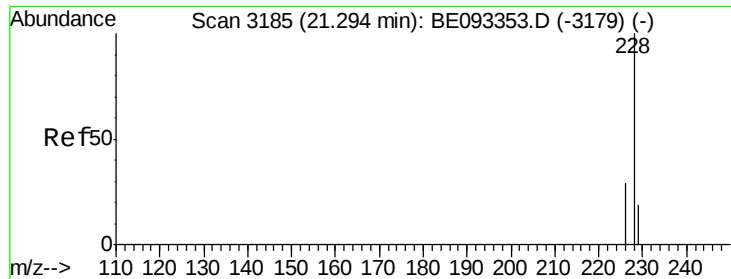
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#18
Benzo(a)anthracene
 Concen: 6.245 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.3	22.8	34.2#
226	33.6	17.0	25.6#





#19

Chrysene

Concen: 6.889 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093359.D

Acq: 24 Jun 2017 13:25

Instrument :

BNA_E

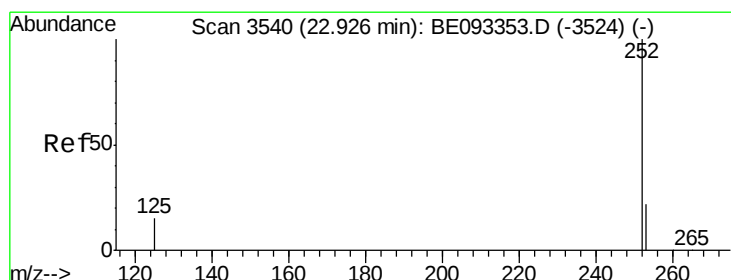
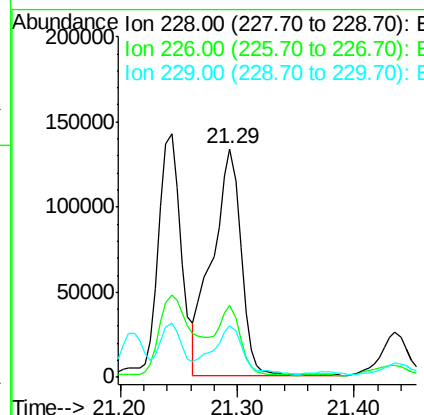
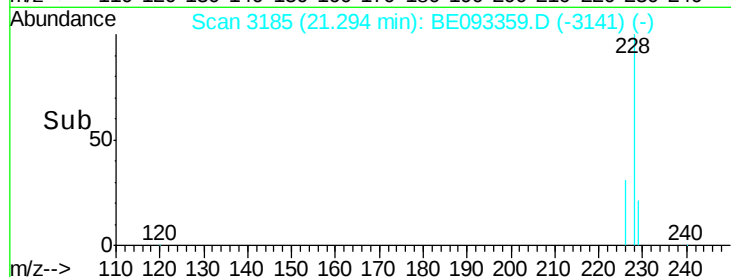
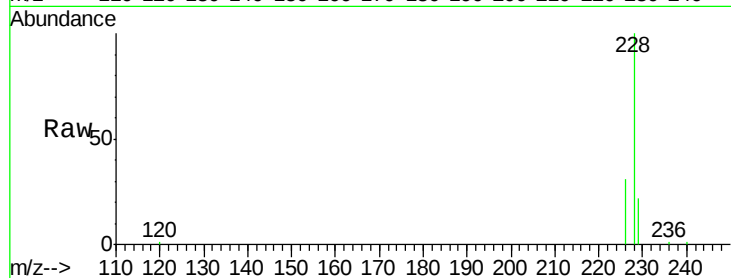
ClientSampleId :

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Tgt Ion:	228	Resp:	225430
Ion Ratio	Lower	Upper	
228	100		
226	31.4	23.4	35.0
229	22.5	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 17.463 ng/ul

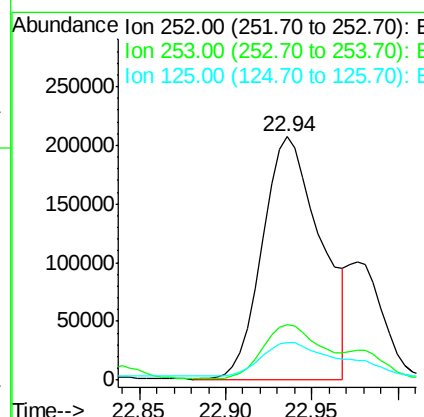
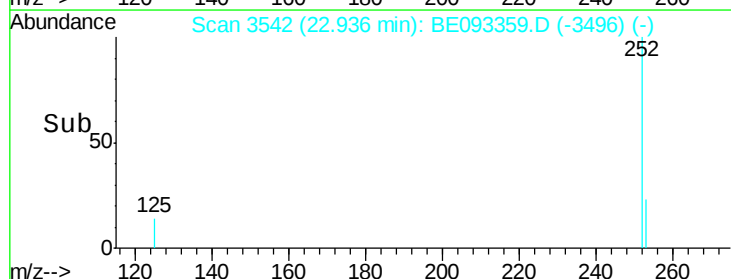
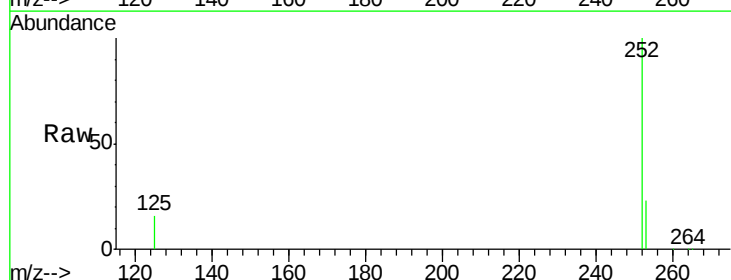
RT: 22.94 min Scan# 3542

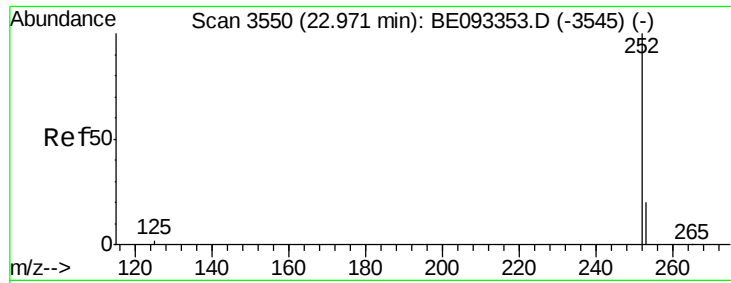
Delta R.T. 0.01 min

Lab File: BE093359.D

Acq: 24 Jun 2017 13:25

Tgt Ion:	252	Resp:	486297
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	15.5	0.0	35.0





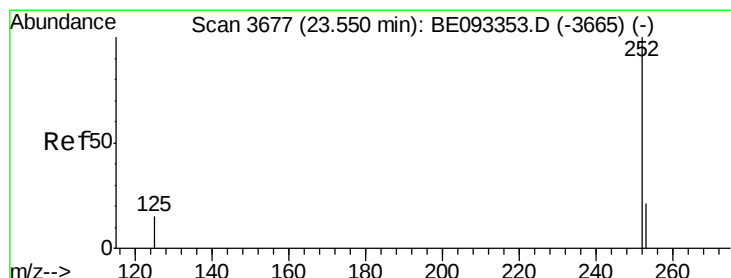
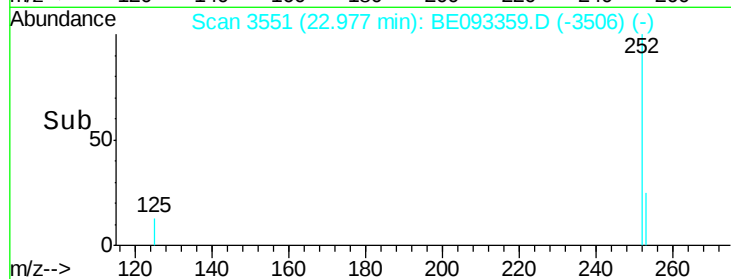
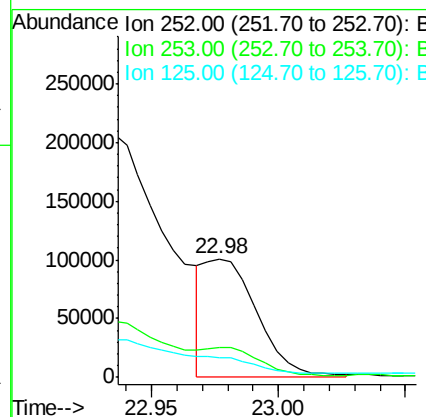
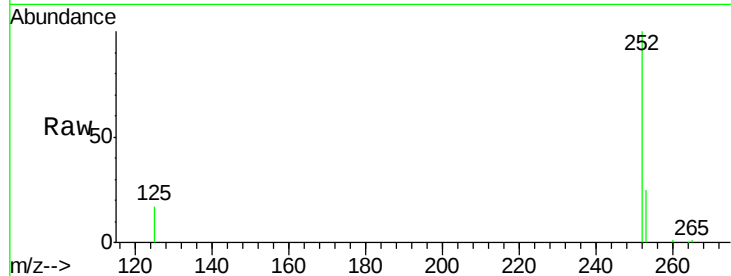
#22
Benzo(k)fluoranthene
Concen: 4.945 ng/ul m
RT: 22.98 min Scan# 3551
Delta R.T. 0.01 min
Lab File: BE093359.D
Acq: 24 Jun 2017 13:25

Instrument :
BNA_E
ClientSampleId :
F5B82

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	16.8	13.7	20.5

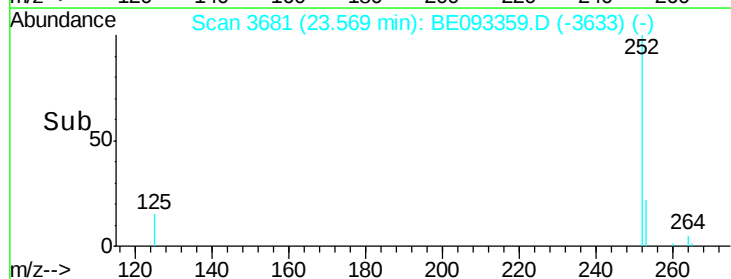
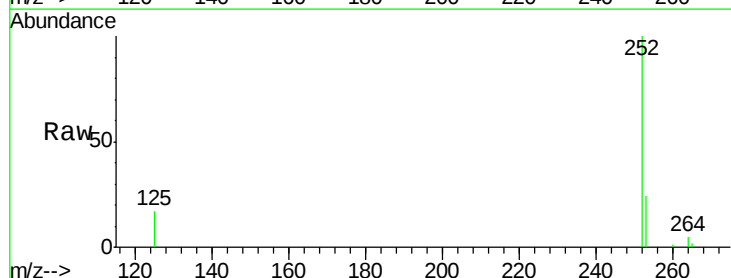
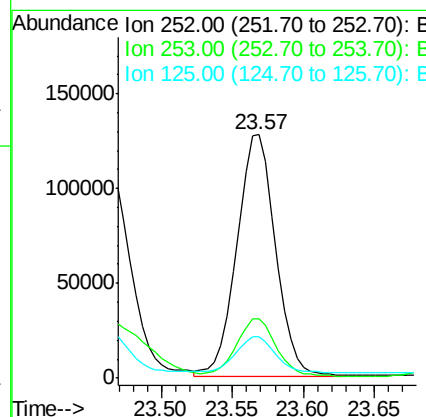
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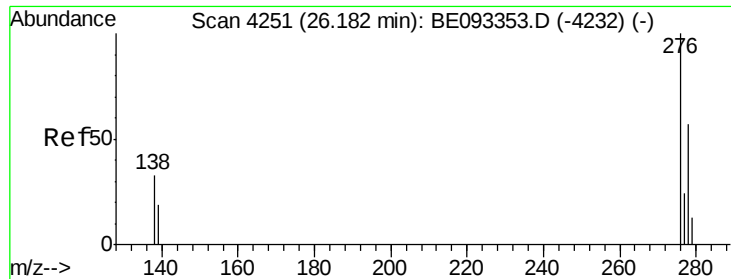
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#23
Benzo(a)pyrene
Concen: 9.258 ng/ul m
RT: 23.57 min Scan# 3681
Delta R.T. 0.02 min
Lab File: BE093359.D
Acq: 24 Jun 2017 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	17.0	18.1	27.1#





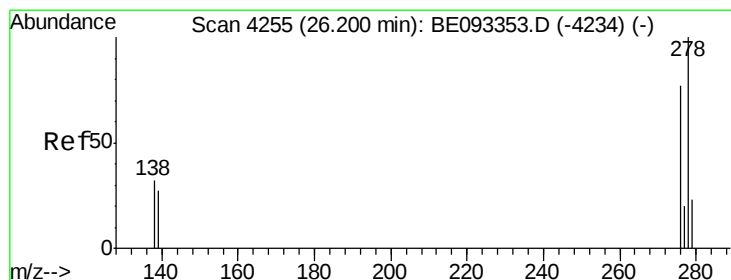
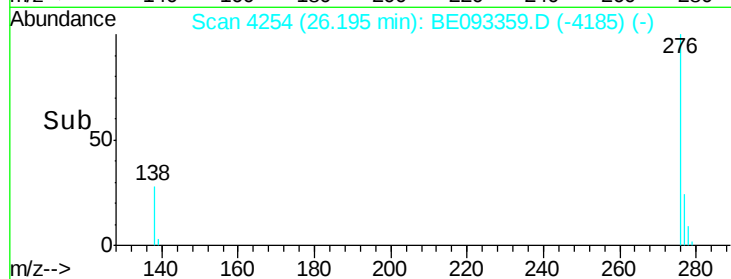
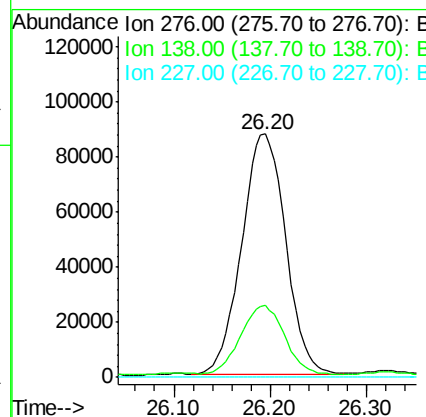
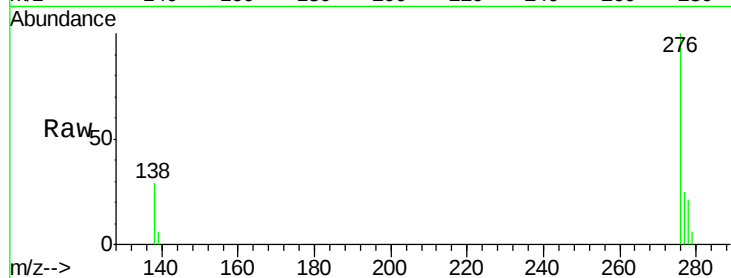
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 9.072 ng/ul m
 RT: 26.20 min Scan# 4254
 Delta R.T. 0.01 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Instrument :
 BNA_E
 ClientSampleId :
 F5B82

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	4.0	28.0	42.0#
227	0.0	8.0	12.0#

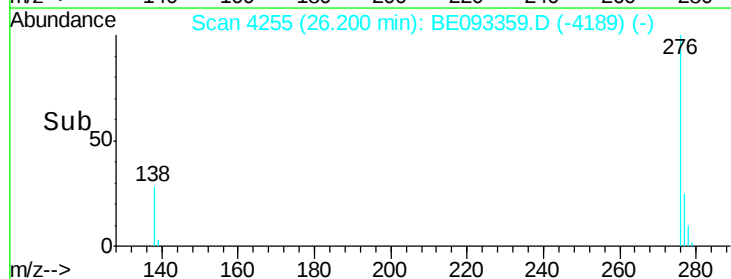
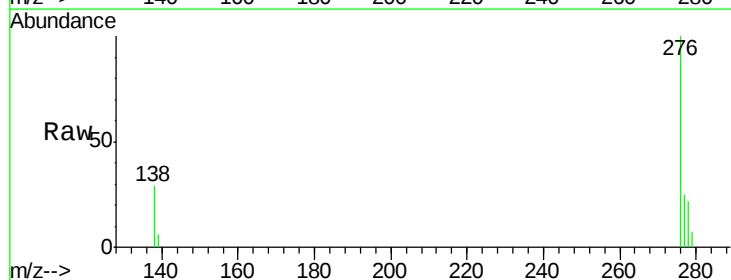
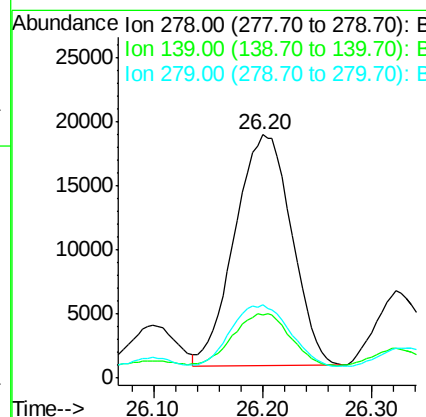
Manual Integrations
 APPROVED

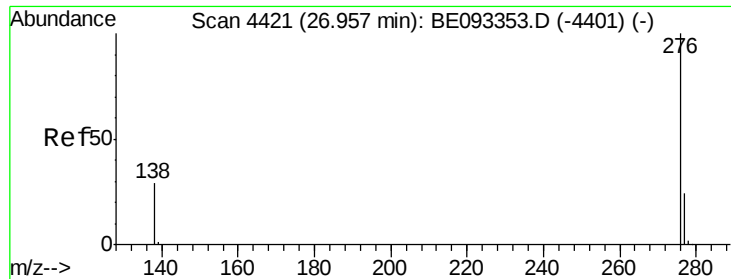
mohammad
 6/29/2017 8:34:07 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 2.545 ng/ul
 RT: 26.20 min Scan# 4255
 Delta R.T. -0.00 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	26.0	17.4	26.0
279	30.0	25.9	38.9





#26
 Benzo(g,h,i)perylene
 Concen: 10.364 ng/ul
 RT: 26.97 min Scan# 4425
 Delta R.T. 0.02 min
 Lab File: BE093359.D
 Acq: 24 Jun 2017 13:25

Instrument :
 BNA_E
 ClientSampleId :
 F5B82

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.9	21.8	32.8
277	24.3	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:34:07 AM

