

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093191.D
 Acq On : 15 Jun 2017 4:22
 Operator : SJ/MA
 Sample : I3521-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C24

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:58 PM

Quant Time: Jun 15 04:58:33 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 03:59:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3357	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17602	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10885	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25242	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	26654	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	24161m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5650	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13903	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	34754	0.796	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	9406	0.315	ng/ul	98
7) Acenaphthylene	14.08	152	229641	4.916	ng/ul	96
8) Acenaphthene	14.43	153	4946	0.131	ng/ul	96
9) Fluorene	15.42	166	11485	0.260	ng/ul	92
12) Phenanthrene	17.14	178	183255	2.639	ng/ul#	87
13) Anthracene	17.22	178	404432	6.688	ng/ul#	85
15) Fluoranthene	19.16	202	2157971	25.337	ng/ul	84
17) Pyrene	19.52	202	2421312	30.804	ng/ul#	88
18) Benzo(a)anthracene	21.25	228	1302045	18.314	ng/ul#	83
19) Chrysene	21.30	228	1756531	23.817	ng/ul	98
21) Benzo(b)fluoranthene	22.95	252	2617847	35.703	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	984157m	12.638	ng/ul	
23) Benzo(a)pyrene	23.57	252	1154894m	16.658	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.20	276	944396m	11.764	ng/ul	
25) Dibenzo(a,h)anthracene	26.22	278	255047m	3.773	ng/ul	
26) Benzo(g,h,i)perylene	26.99	276	750156	10.897	ng/ul	97

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

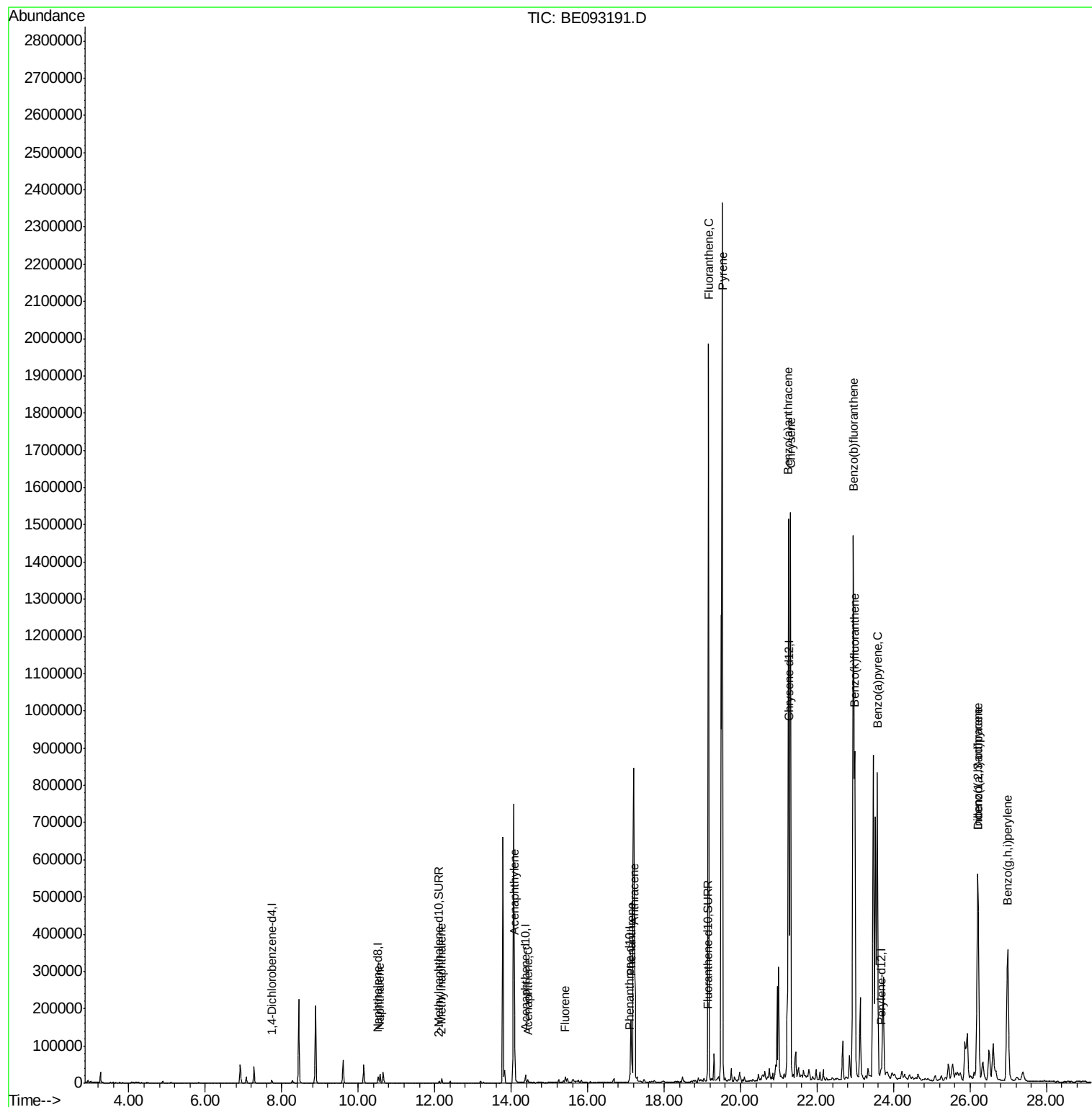
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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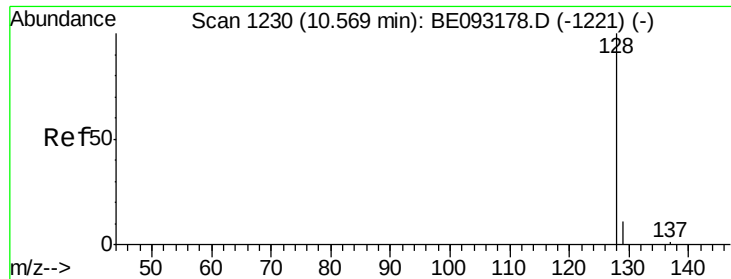
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#3

Naphthalene

Concen: 0.796 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

F5C24

Tgt Ion:128 Resp: 34754

Ion Ratio Lower Upper

128 100

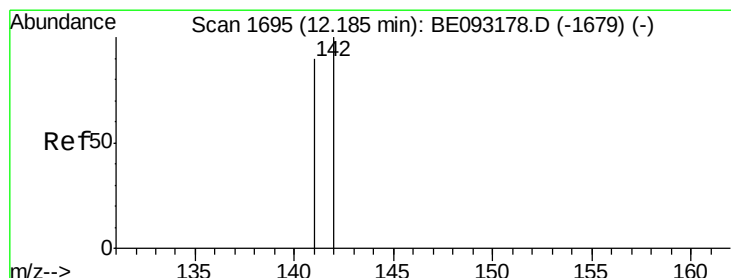
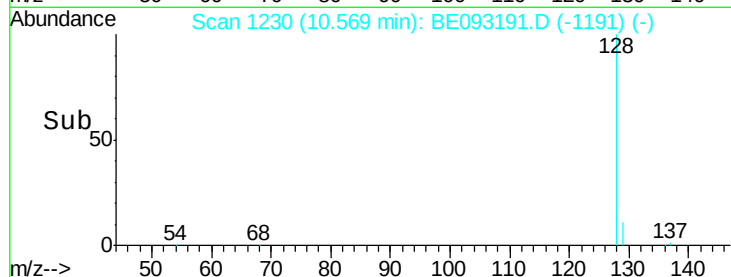
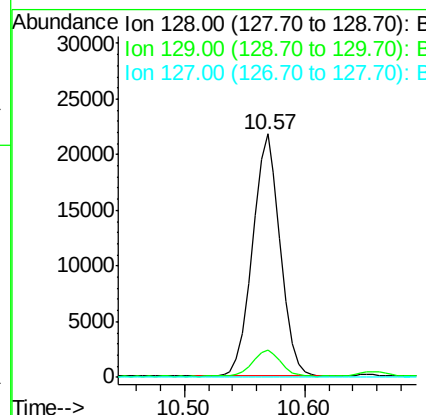
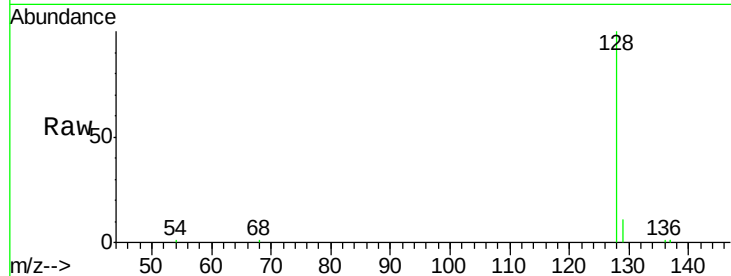
129 11.3 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.315 ng/ul

RT: 12.18 min Scan# 1695

Delta R.T. -0.00 min

Lab File: BE093191.D

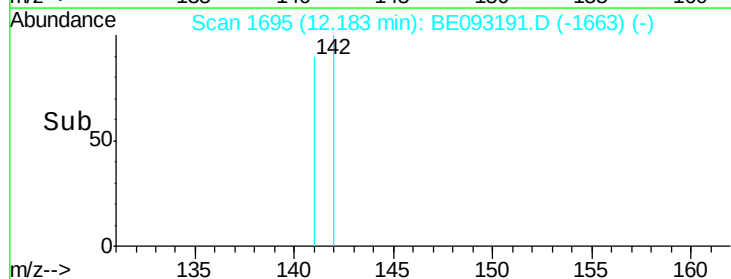
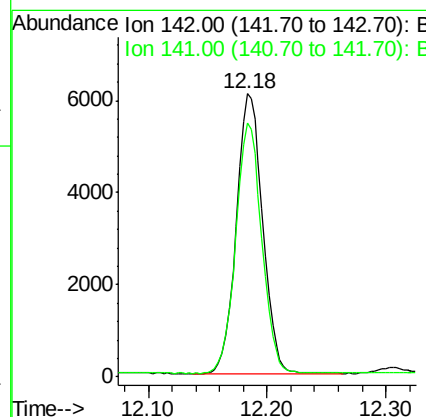
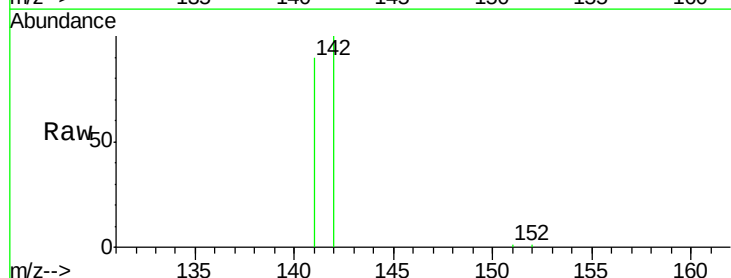
Acq: 15 Jun 2017 4:22

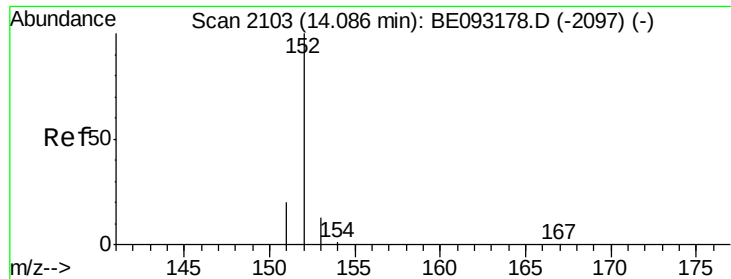
Tgt Ion:142 Resp: 9406

Ion Ratio Lower Upper

142 100

141 88.5 72.6 108.8





#7

Acenaphthylene

Concen: 4.916 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

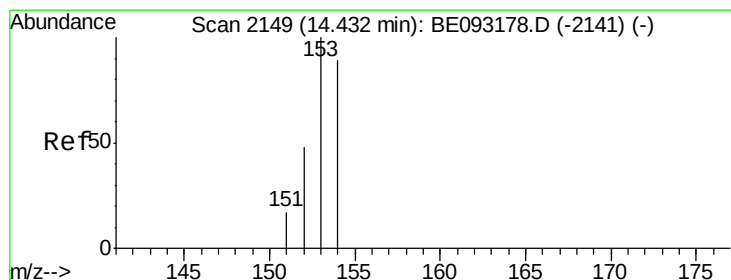
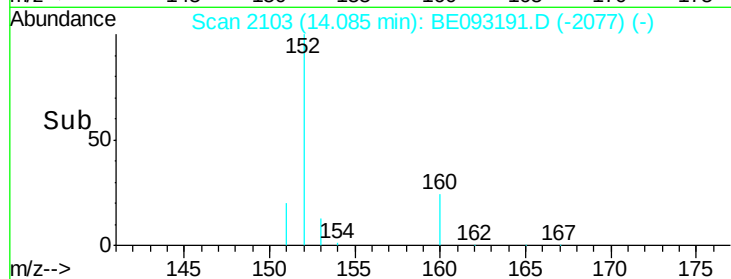
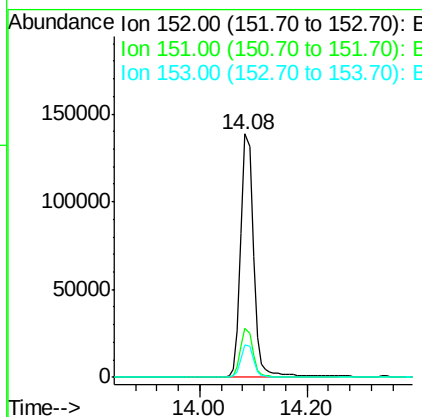
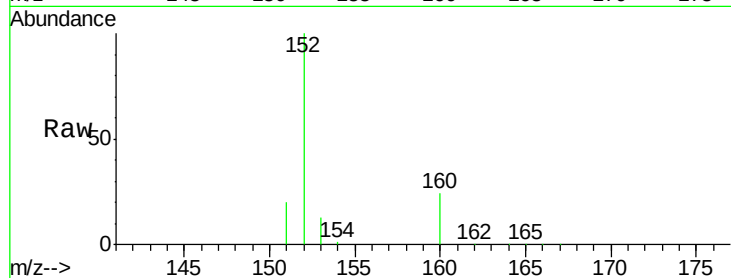
ClientSampleId :

F5C24

Tgt Ion:	152	Resp:	229641
Ion Ratio		Lower	Upper
152	100		
151	20.4	17.1	25.7
153	13.1	12.8	19.2

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#8

Acenaphthene

Concen: 0.131 ng/ul

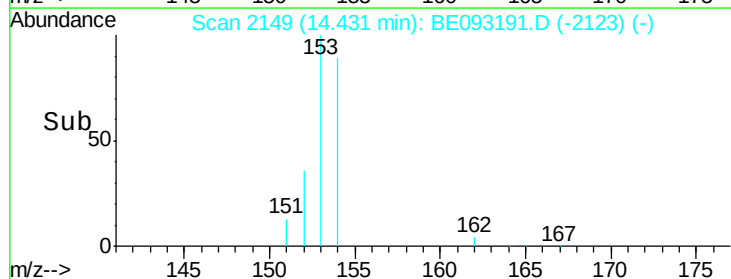
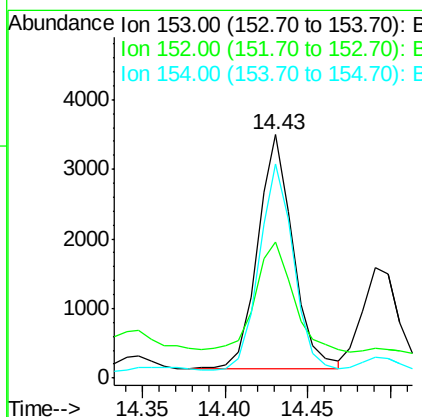
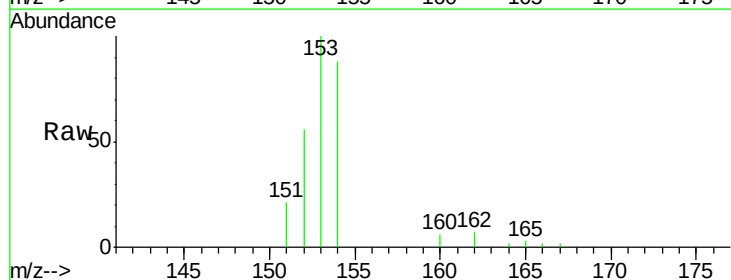
RT: 14.43 min Scan# 2149

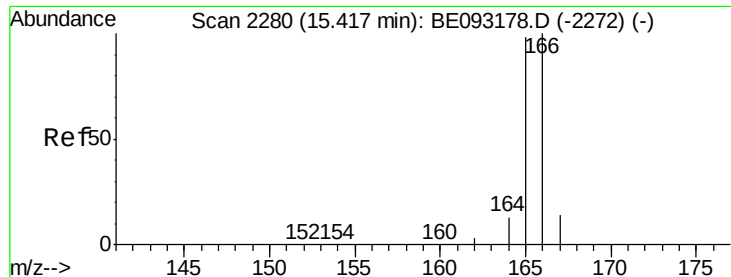
Delta R.T. -0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Tgt Ion:	153	Resp:	4946
Ion Ratio		Lower	Upper
153	100		
152	55.9	40.3	60.5
154	87.7	71.4	107.2





#9

Fluorene

Concen: 0.260 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

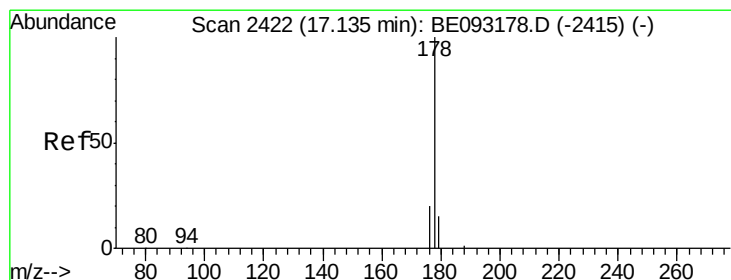
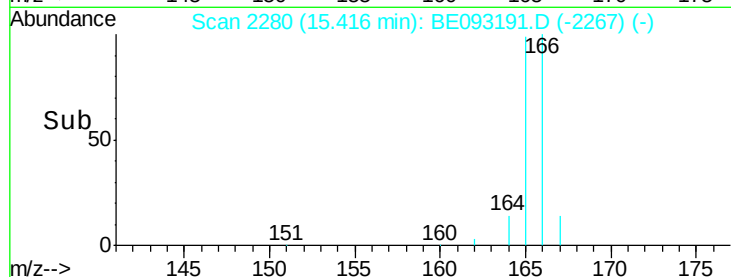
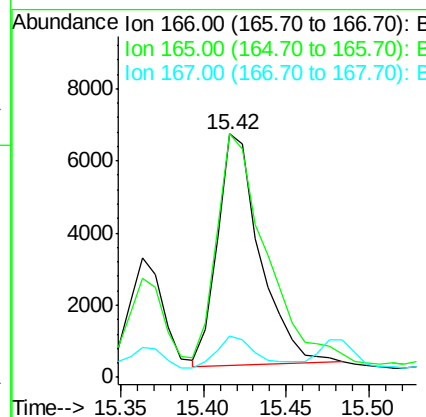
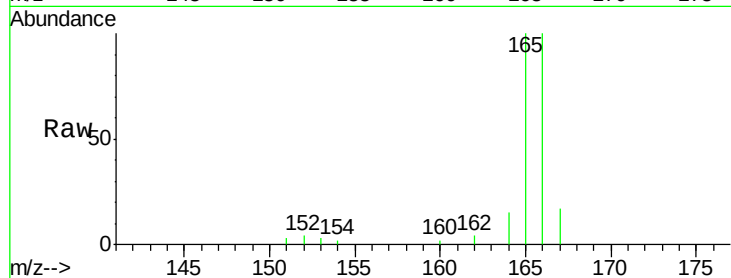
ClientSampleId :

F5C24

Tgt Ion:	166	Resp:	11485
Ion Ratio	Lower	Upper	
166	100		
165	100.1	73.4	110.2
167	16.8	14.6	22.0

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#12

Phenanthrene

Concen: 2.639 ng/ul

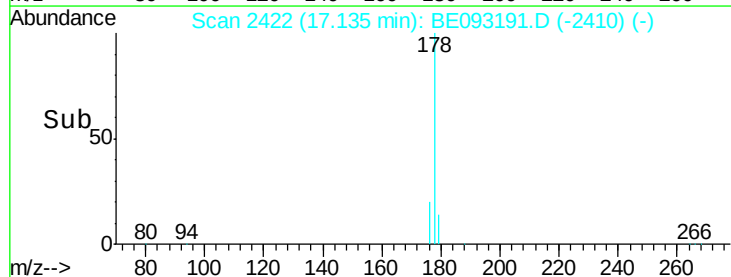
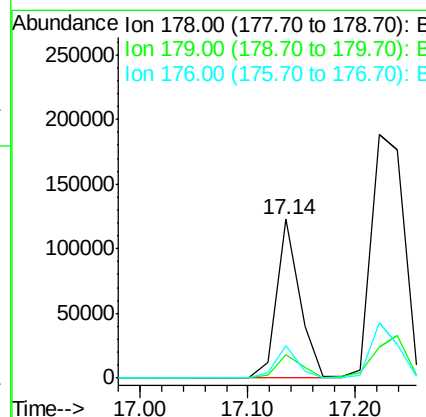
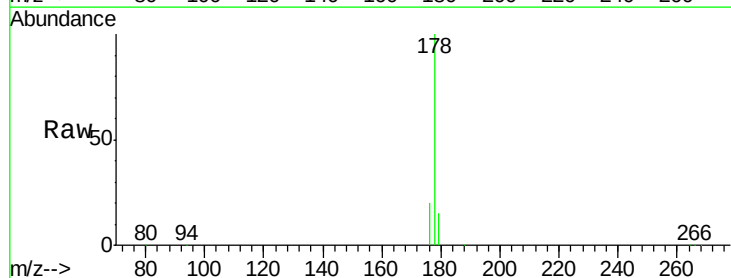
RT: 17.14 min Scan# 2422

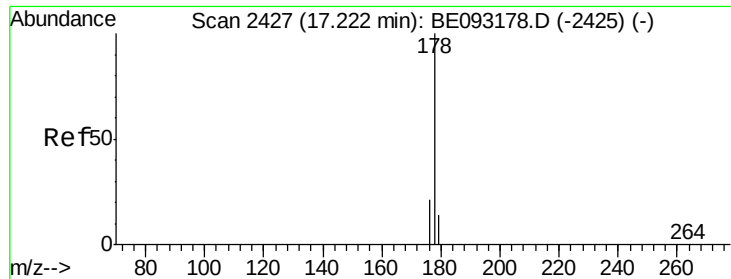
Delta R.T. 0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Tgt Ion:	178	Resp:	183255
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	20.5	13.6	20.4#





#13

Anthracene

Concen: 6.688 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

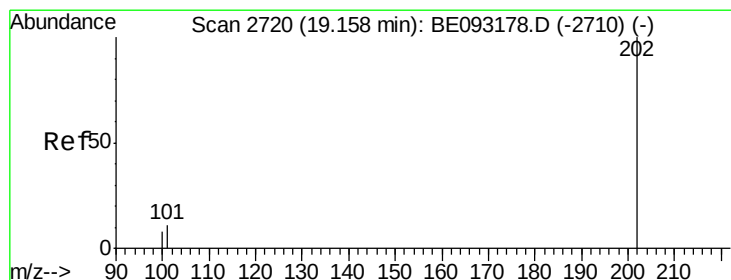
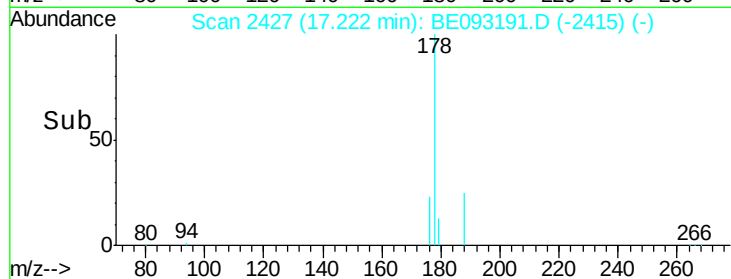
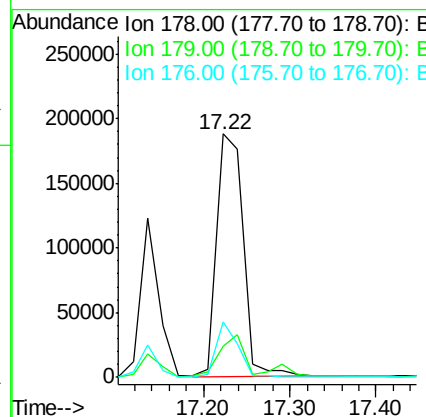
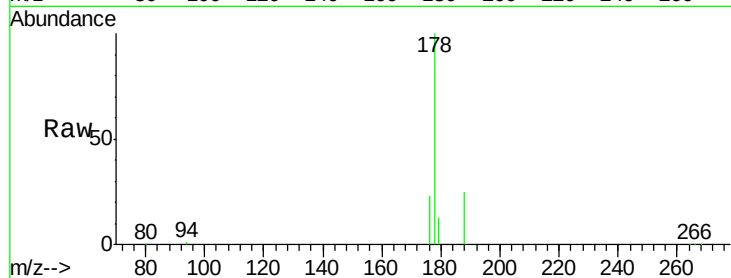
ClientSampleId :

F5C24

Tgt Ion:	178	Resp:	404432
Ion Ratio	Lower	Upper	
178	100		
179	13.0	18.1	27.1#
176	22.8	14.7	22.1#

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#15

Fluoranthene

Concen: 25.337 ng/ul

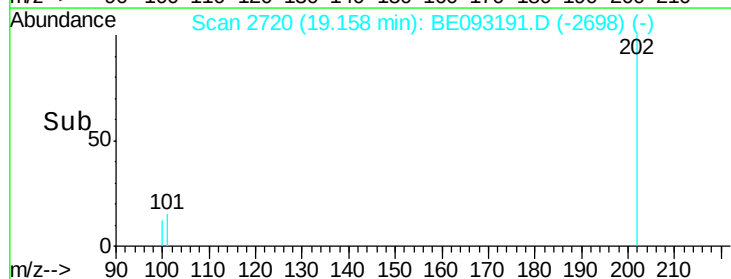
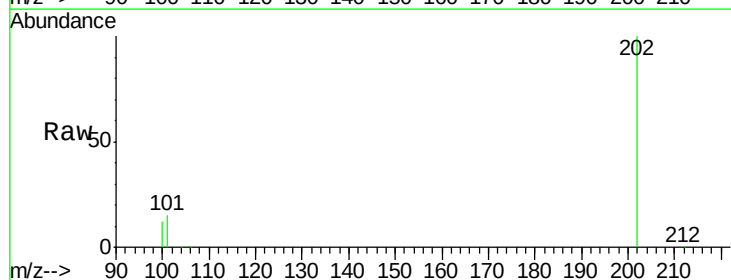
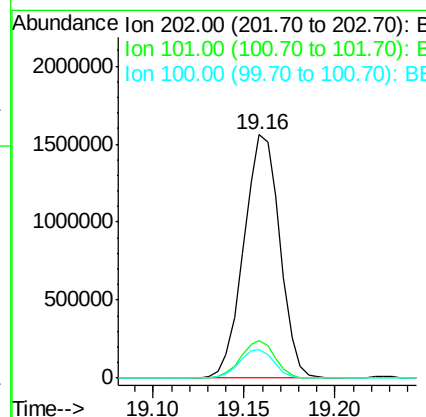
RT: 19.16 min Scan# 2720

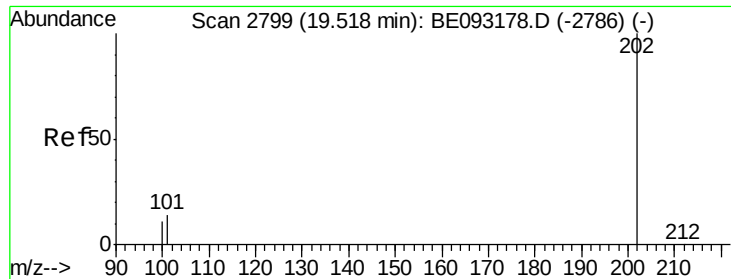
Delta R.T. 0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Tgt Ion:	202	Resp:	2157971
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	30.3
100	11.7	0.0	39.5





#17

Pyrene

Concen: 30.804 ng/ul

RT: 19.52 min Scan# 2800

Delta R.T. 0.01 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

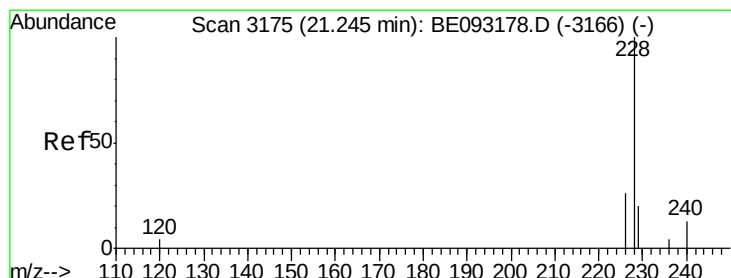
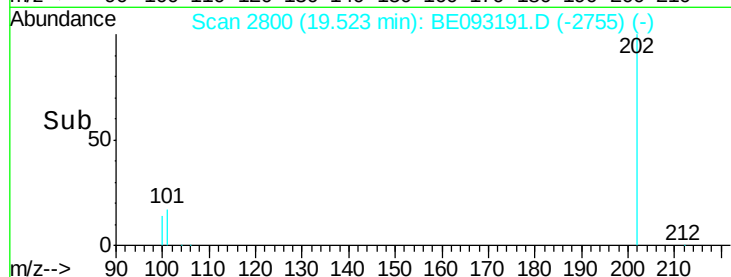
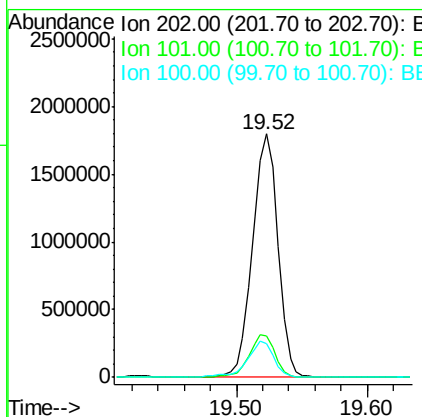
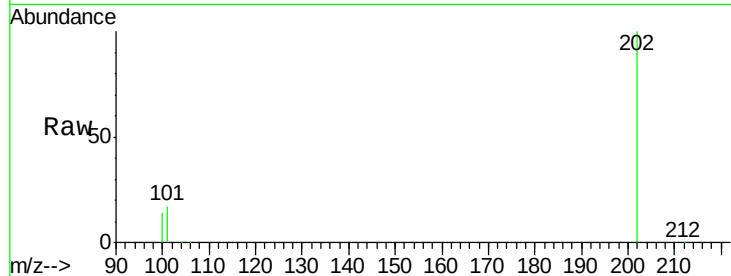
ClientSampleId :

F5C24

Tgt Ion:	202	Resp:	2421312
Ion Ratio	Lower	Upper	
202	100		
101	17.1	18.2	27.4#
100	13.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 18.314 ng/ul

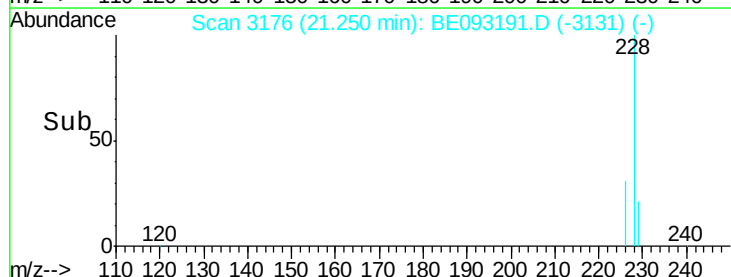
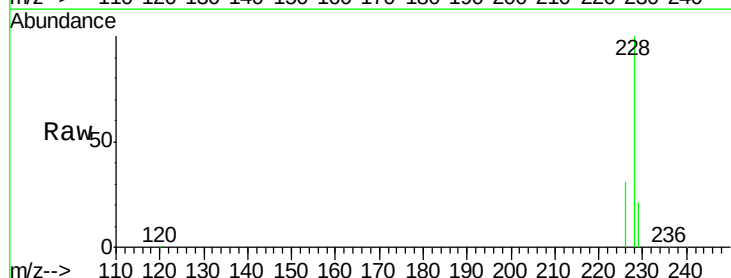
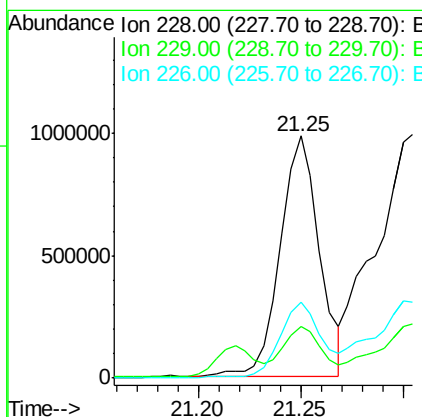
RT: 21.25 min Scan# 3176

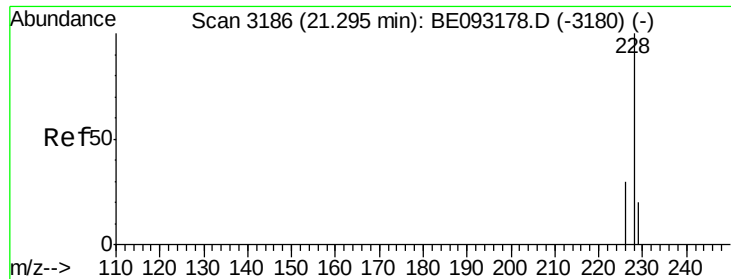
Delta R.T. 0.00 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Tgt Ion:	228	Resp:	1302045
Ion Ratio	Lower	Upper	
228	100		
229	21.2	22.8	34.2#
226	31.1	17.0	25.6#





#19

Chrysene

Concen: 23.817 ng/ul

RT: 21.30 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

F5C24

Tgt Ion:228 Resp: 1756531

Ion Ratio Lower Upper

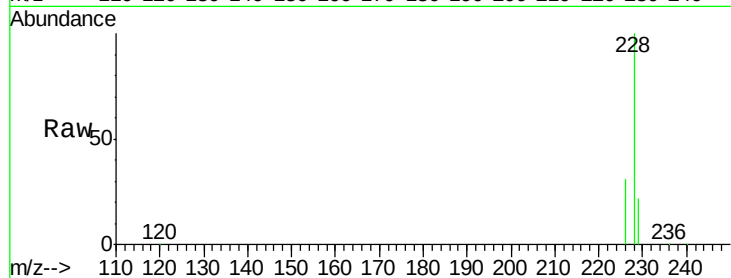
228 100

226 31.4 23.4 35.0

229 22.3 17.7 26.5

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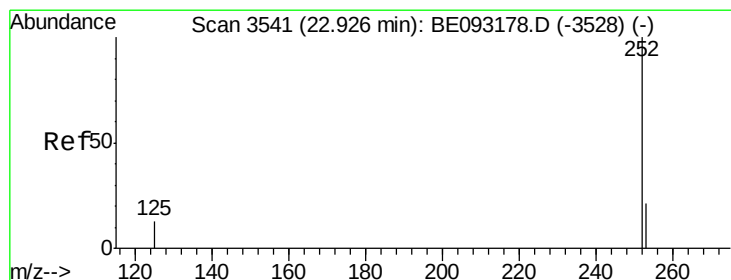
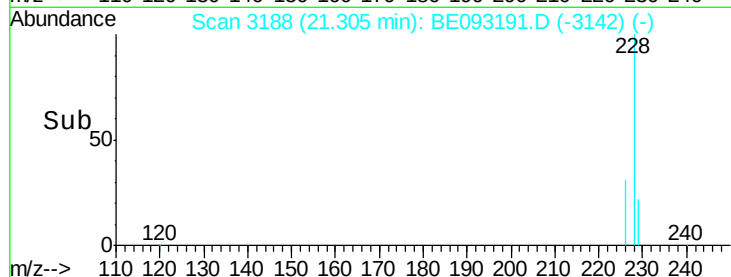
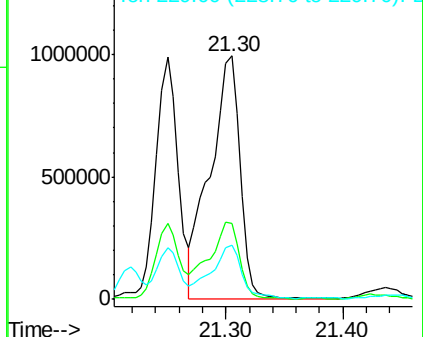
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 35.703 ng/ul

RT: 22.95 min Scan# 3546

Delta R.T. 0.02 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

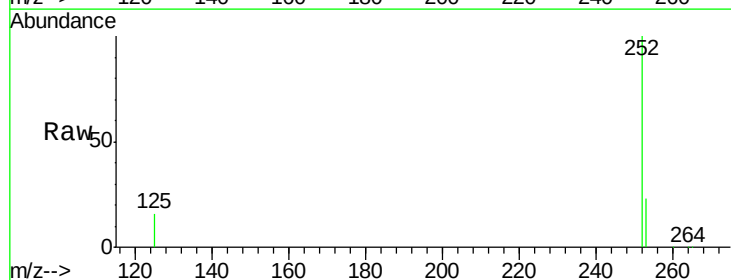
Tgt Ion:252 Resp: 2617847

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

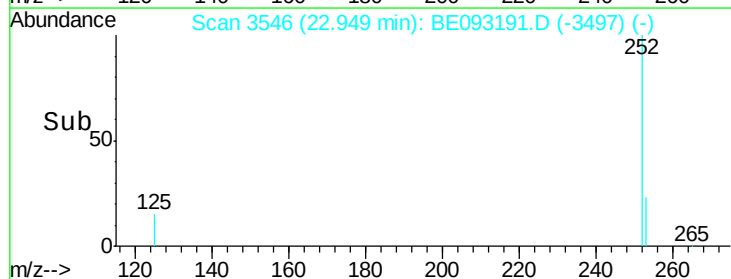
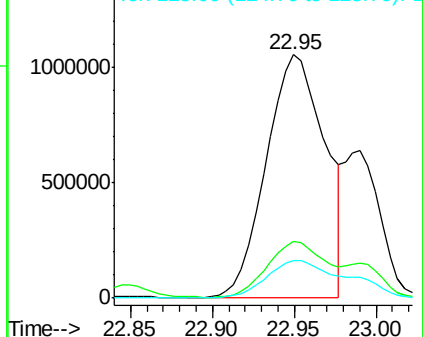
125 15.6 0.0 35.0

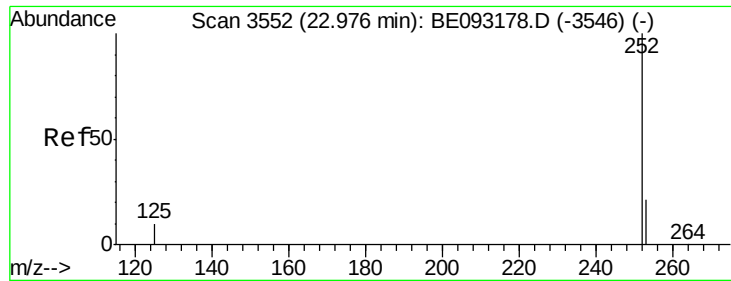


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 12.638 ng/ul m

RT: 22.99 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

F5C24

Tgt Ion: 252 Resp: 984157

Ion Ratio Lower Upper

252 100

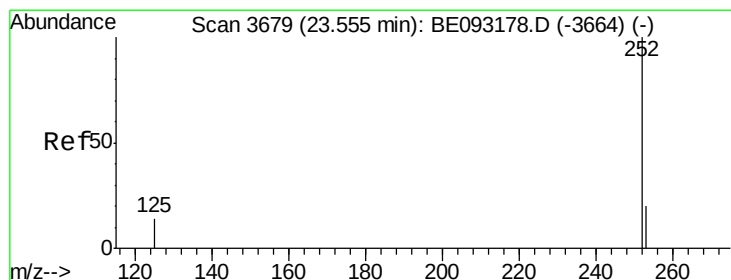
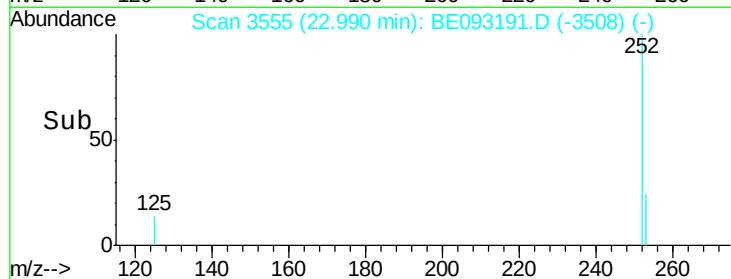
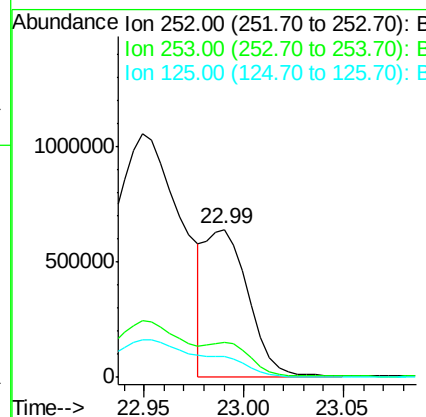
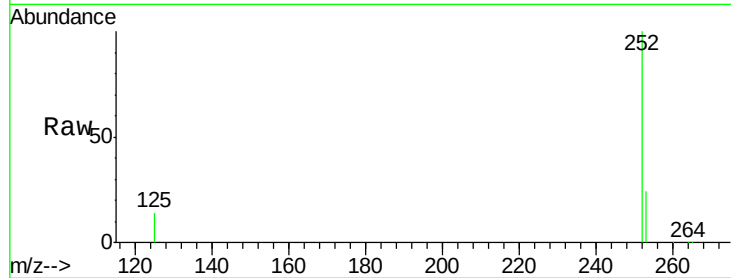
253 24.0 24.5 36.7#

125 14.3 13.7 20.5

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#23

Benzo(a)pyrene

Concen: 16.658 ng/ul m

RT: 23.57 min Scan# 3683

Delta R.T. 0.02 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

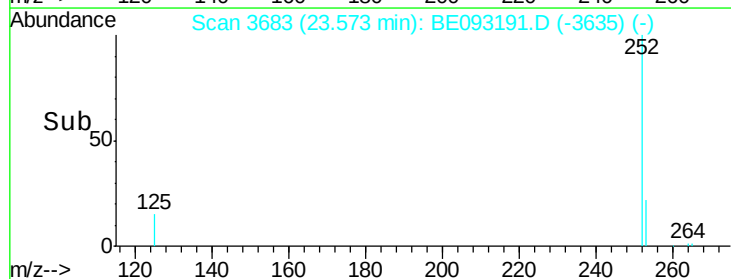
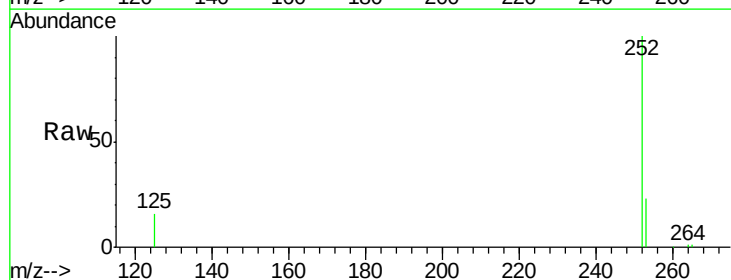
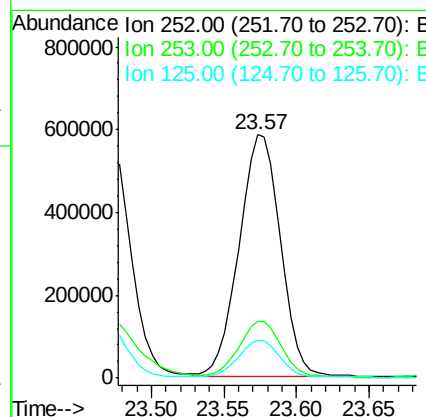
Tgt Ion: 252 Resp: 1154894

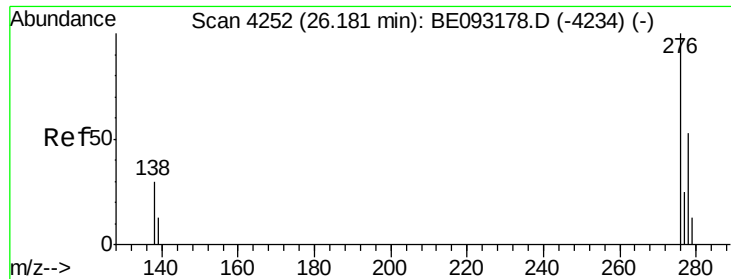
Ion Ratio Lower Upper

252 100

253 23.5 28.5 42.7#

125 15.7 18.1 27.1#





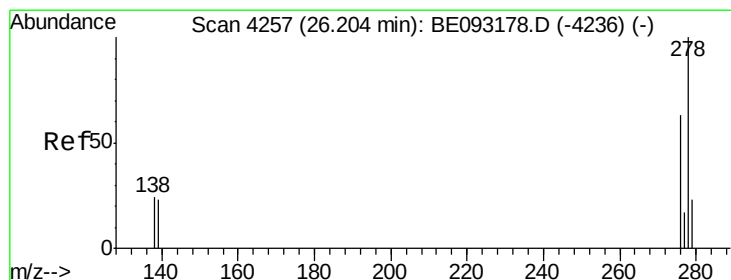
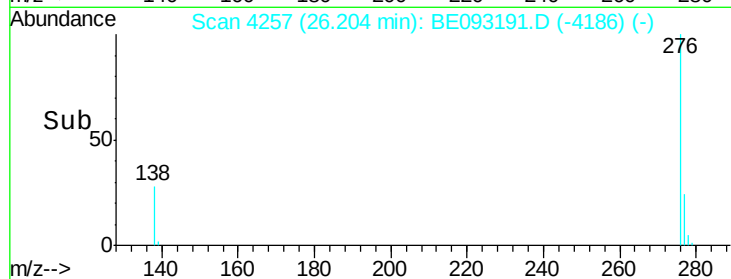
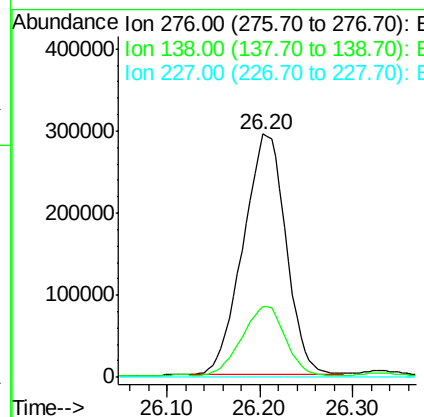
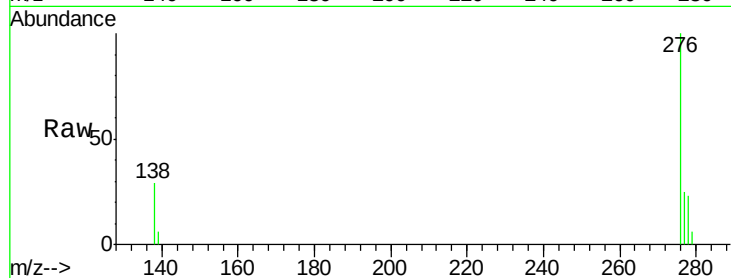
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 11.764 ng/ul m
 RT: 26.20 min Scan# 4257
 Delta R.T. 0.02 min
 Lab File: BE093191.D
 Acq: 15 Jun 2017 4:22

Instrument :
 BNA_E
 ClientSampleId :
 F5C24

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	3.3	28.0	42.0#
227	0.0	8.0	12.0#

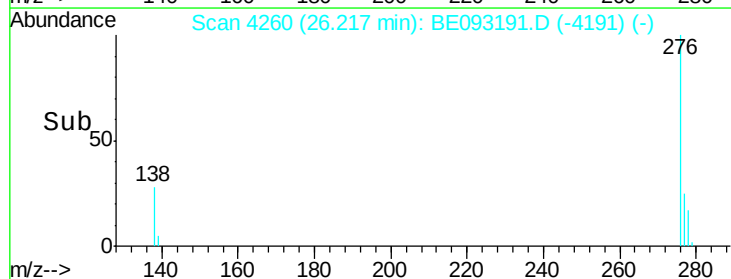
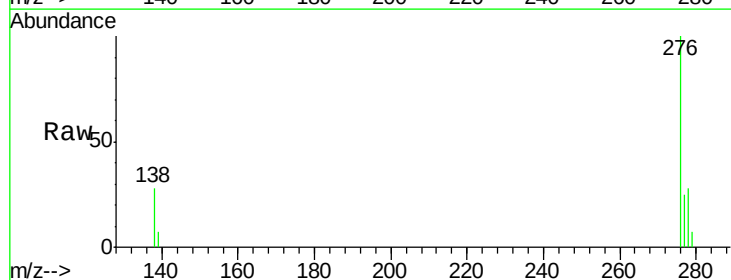
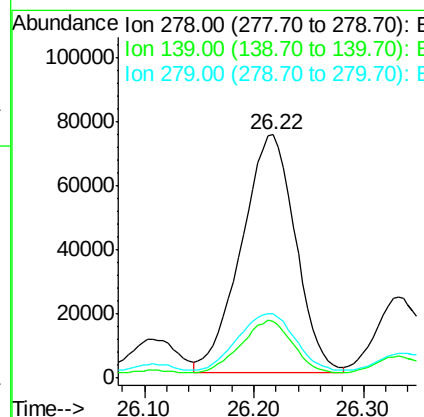
Manual Integrations
 APPROVED

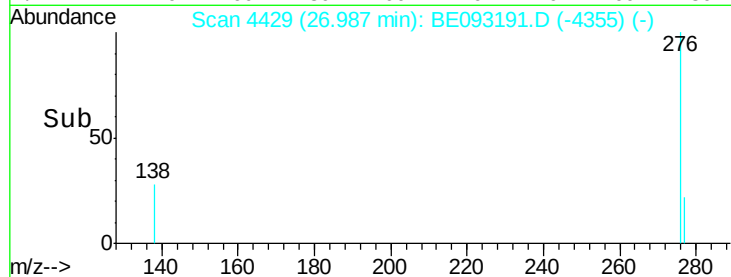
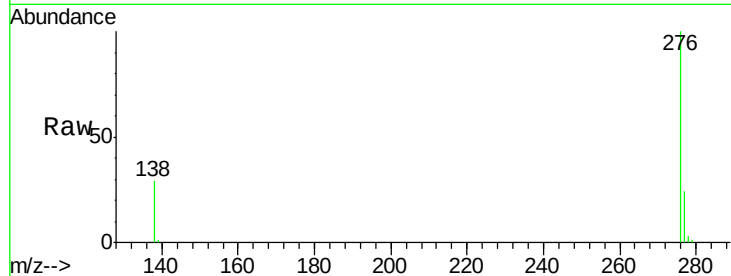
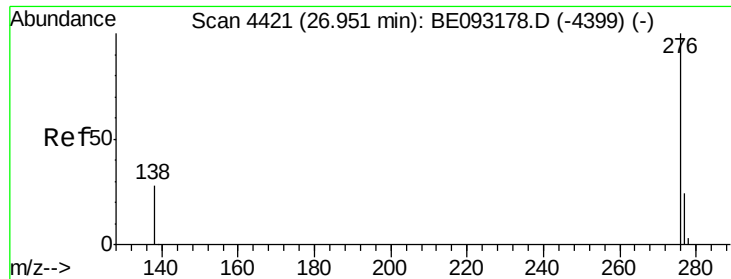
mohammad
 6/15/2017 3:53:58 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 3.773 ng/ul m
 RT: 26.22 min Scan# 4260
 Delta R.T. 0.01 min
 Lab File: BE093191.D
 Acq: 15 Jun 2017 4:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	23.5	17.4	26.0
279	26.4	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 10.897 ng/ul

RT: 26.99 min Scan# 4429

Delta R.T. 0.04 min

Lab File: BE093191.D

Acq: 15 Jun 2017 4:22

Instrument :

BNA_E

ClientSampleId :

F5C24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	21.8	32.8
277	24.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:58 PM

