

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093216.D
 Acq On : 15 Jun 2017 19:56
 Operator : SJ/MA
 Sample : I3521-03DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5C30DL

Manual Integrations
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mohammad
 6/19/2017 11:06:43 AM

Quant Time: Jun 16 05:11:54 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 04:43:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2690	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13871	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	8252	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	20161	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21303	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	19911	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1284	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3547	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	1742	0.051	ng/ul#	94
5) 2-Methylnaphthalene	12.18	142	444	0.019	ng/ul	99
7) Acenaphthylene	14.09	152	20754	0.586	ng/ul	96
8) Acenaphthene	14.43	153	663	0.023	ng/ul#	94
9) Fluorene	15.42	166	896	0.027	ng/ul#	95
12) Phenanthrene	17.14	178	90426	1.630	ng/ul#	86
13) Anthracene	17.22	178	31760	0.658	ng/ul#	87
15) Fluoranthene	19.16	202	350249	5.149	ng/ul	83
17) Pyrene	19.52	202	279053	4.442	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	77353	1.361	ng/ul#	85
19) Chrysene	21.29	228	131072	2.224	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	153663m	2.543	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	59769m	0.931	ng/ul	
23) Benzo(a)pyrene	23.56	252	57937	1.014	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	50063	0.757	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.19	278	11359	0.204	ng/ul#	89
26) Benzo(g,h,i)perylene	26.96	276	38203	0.673	ng/ul	97

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

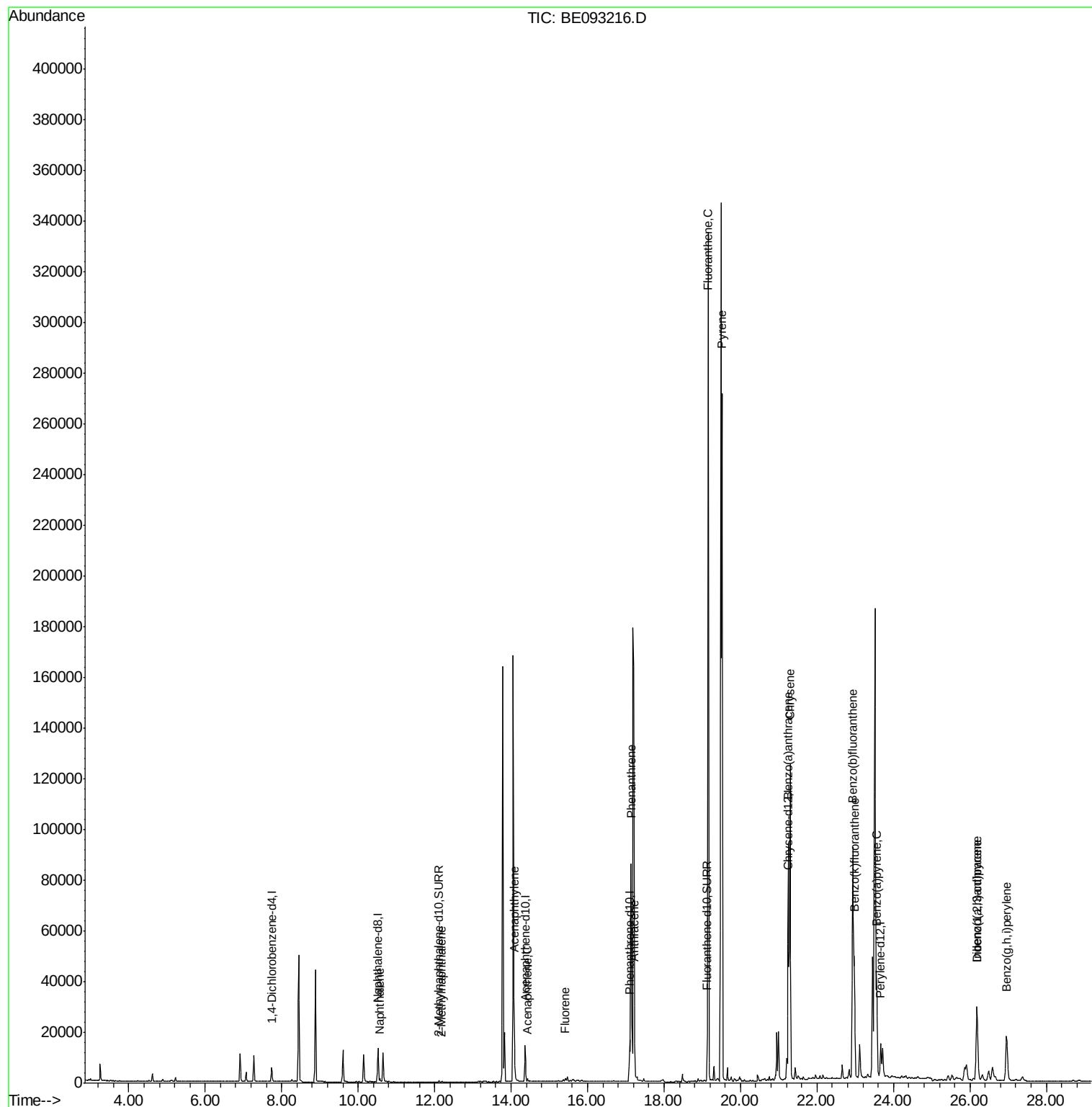
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
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ALS Vial : 11 Sample Multiplier: 1

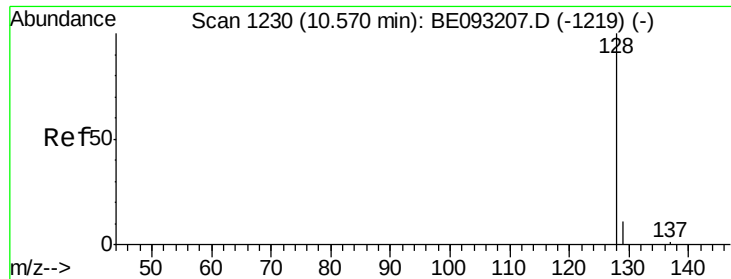
Instrument :
BNA_E
ClientSampleId :
F5C30DL

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Fri Jun 16 04:43:11 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Instrument :

BNA_E

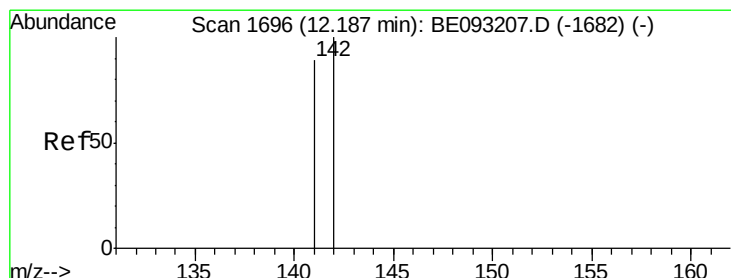
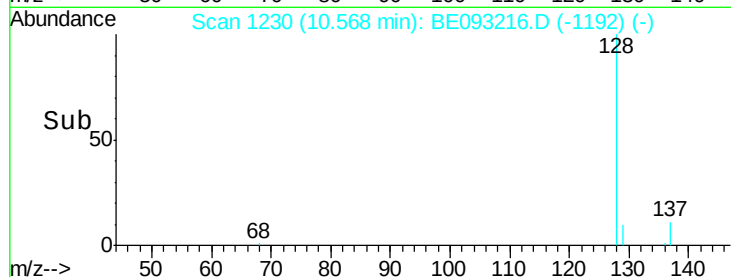
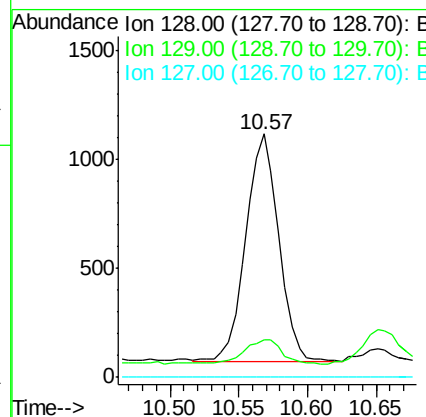
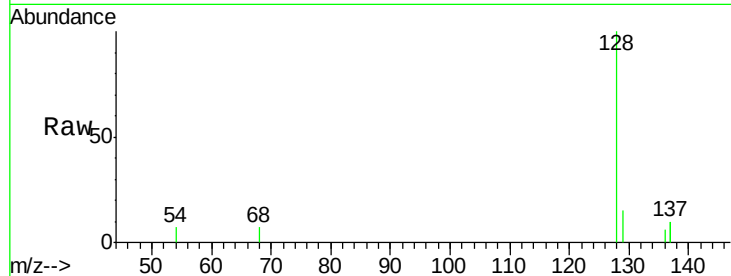
ClientSampleId :

F5C30DL

Tgt Ion:	128	Resp:	1742
Ion Ratio	Lower	Upper	
128	100		
129	15.5	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.019 ng/ul

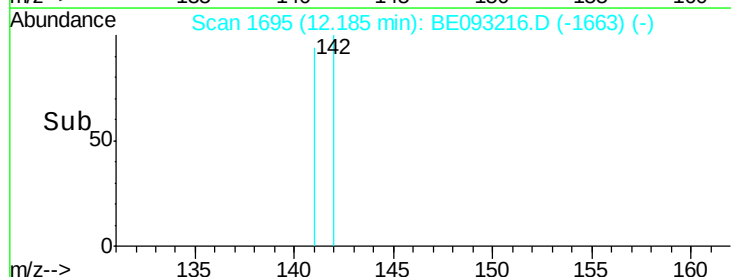
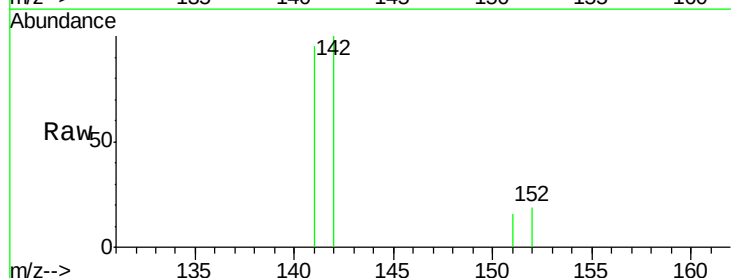
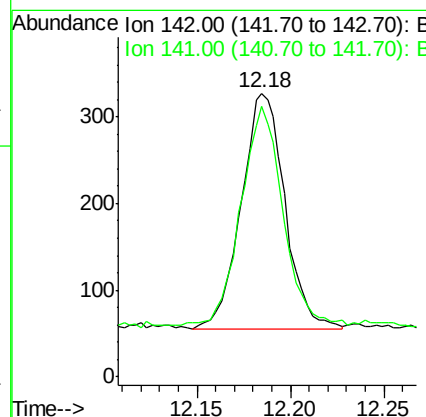
RT: 12.18 min Scan# 1695

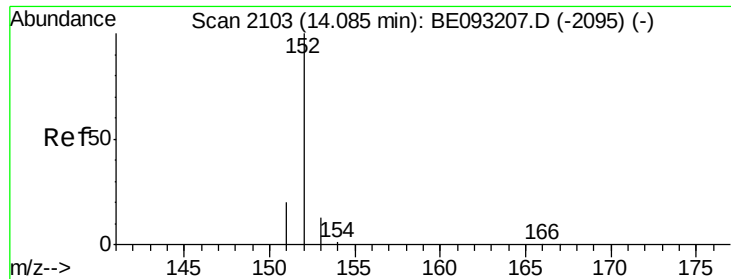
Delta R.T. -0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Tgt Ion:	142	Resp:	444
Ion Ratio	Lower	Upper	
142	100		
141	89.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.586 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Instrument :

BNA_E

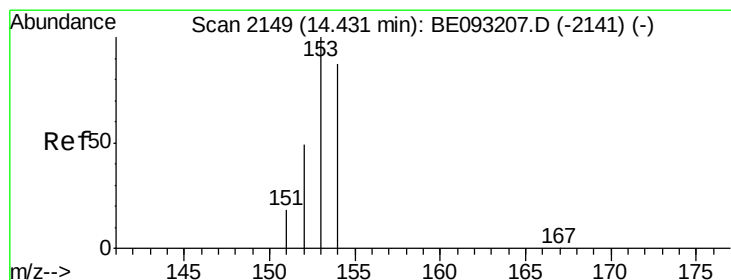
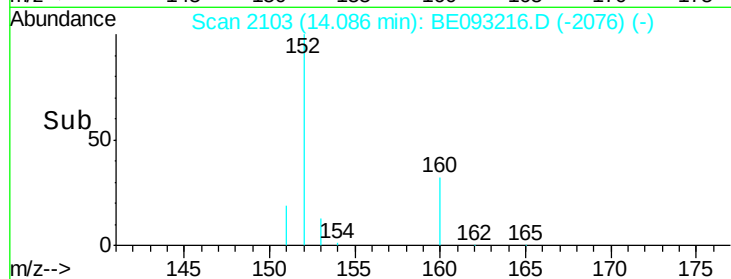
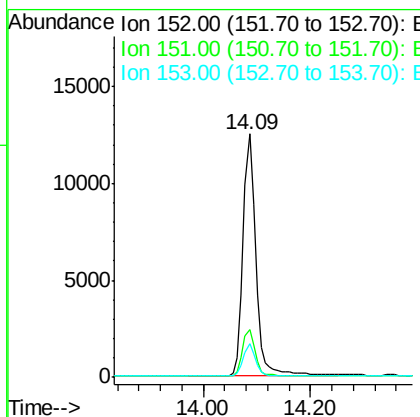
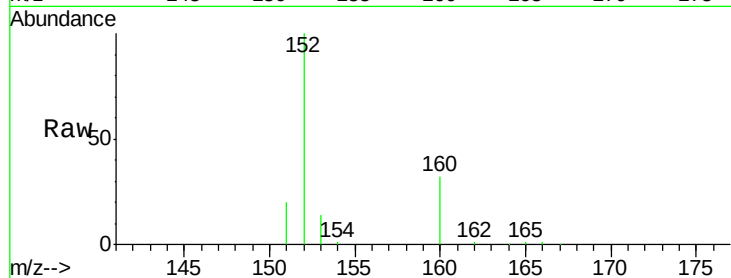
ClientSampleId :

F5C30DL

Tgt Ion:	152	Resp:	20754
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.1	25.7
153	13.8	12.8	19.2

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#8

Acenaphthene

Concen: 0.023 ng/ul

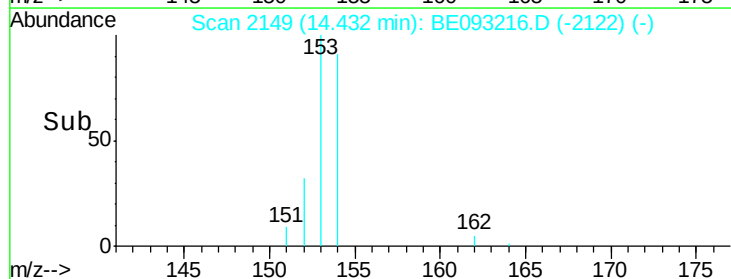
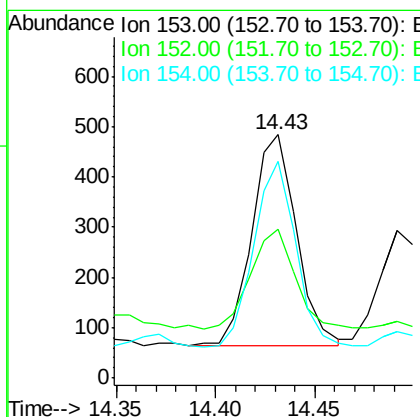
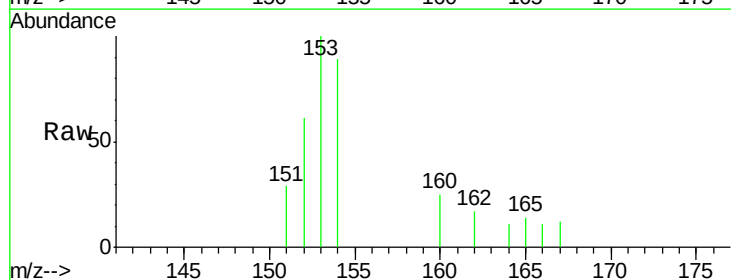
RT: 14.43 min Scan# 2149

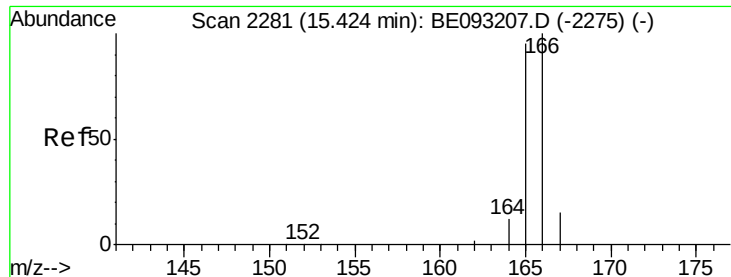
Delta R.T. 0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Tgt Ion:	153	Resp:	663
Ion Ratio	Lower	Upper	
153	100		
152	61.2	40.3	60.5#
154	89.3	71.4	107.2





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Instrument :

BNA_E

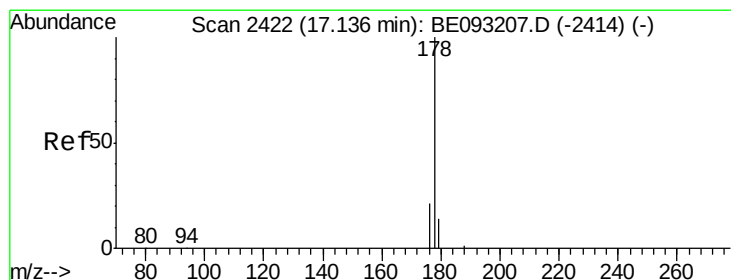
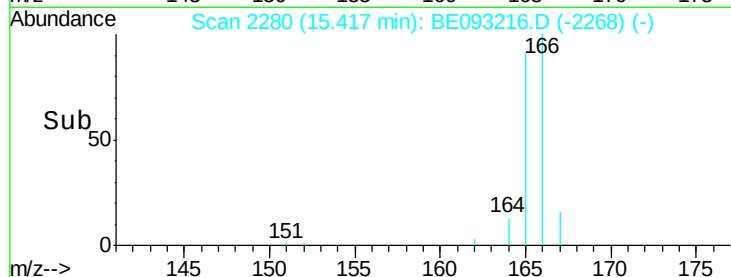
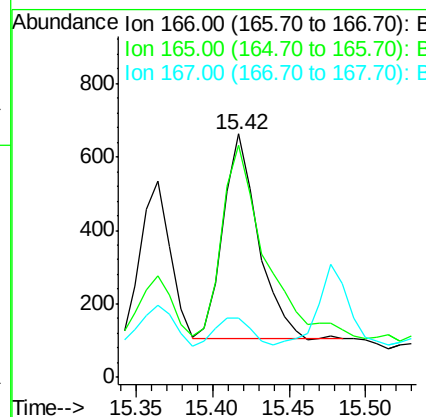
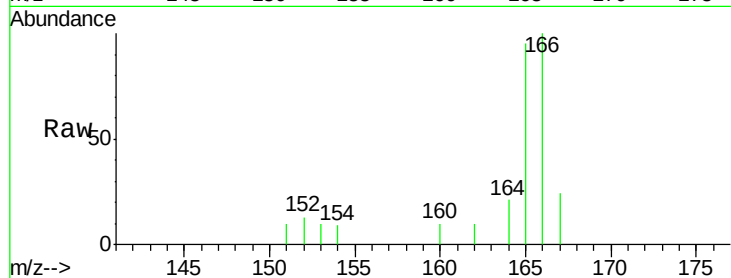
ClientSampleId :

F5C30DL

Tgt Ion:	166	Resp:	896
Ion Ratio	Lower	Upper	
166	100		
165	95.3	73.4	110.2
167	24.1	14.6	22.0#

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#12

Phenanthrene

Concen: 1.630 ng/ul

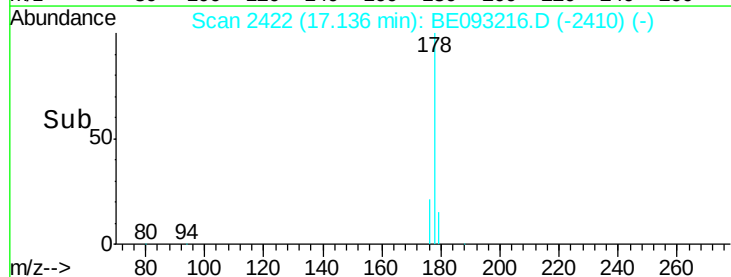
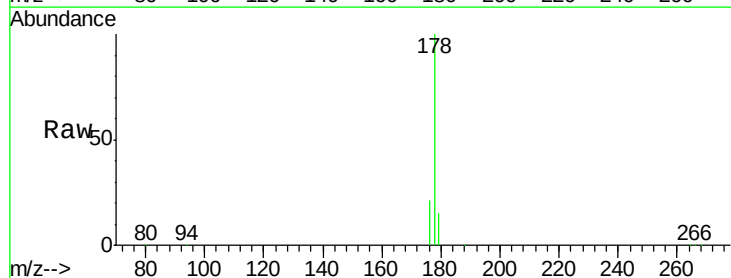
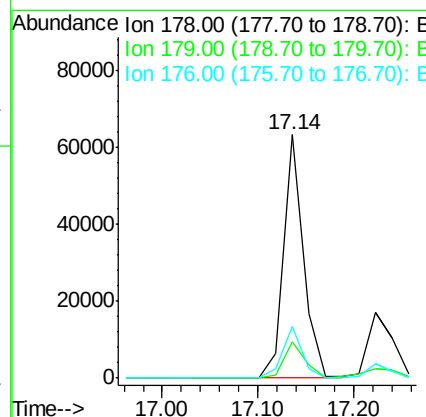
RT: 17.14 min Scan# 2422

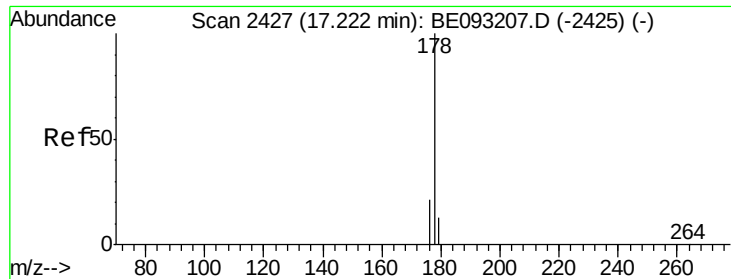
Delta R.T. -0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Tgt Ion:	178	Resp:	90426
Ion Ratio	Lower	Upper	
178	100		
179	14.8	18.4	27.6#
176	21.1	13.6	20.4#





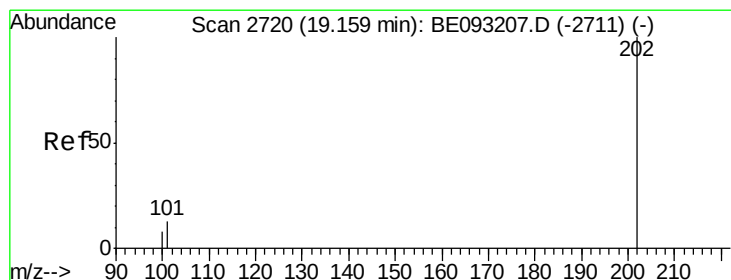
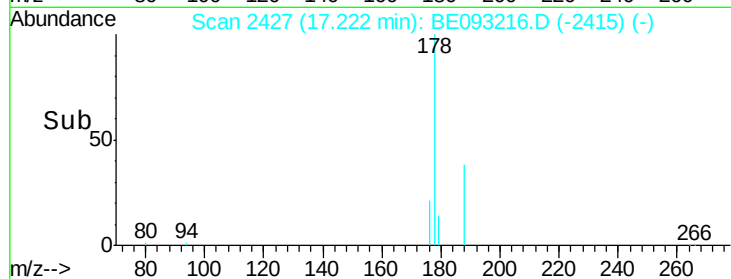
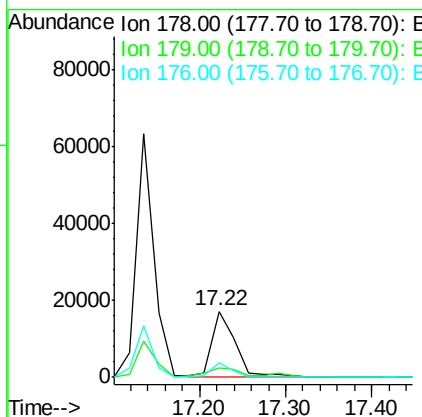
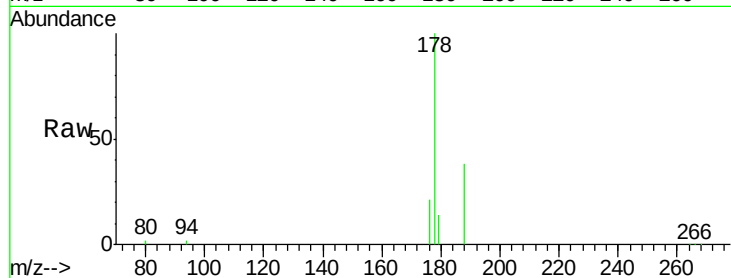
#13
 Anthracene
 Concen: 0.658 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Instrument :
 BNA_E
 ClientSampleId :
 F5C30DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.2	18.1	27.1#
176	21.3	14.7	22.1

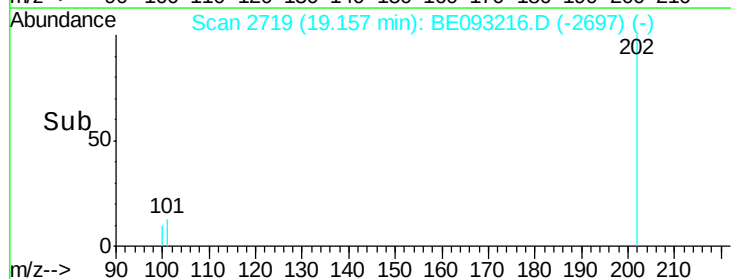
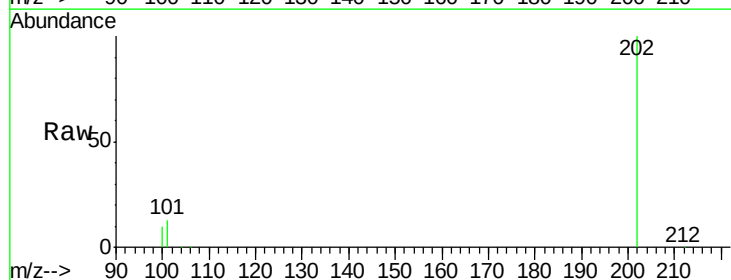
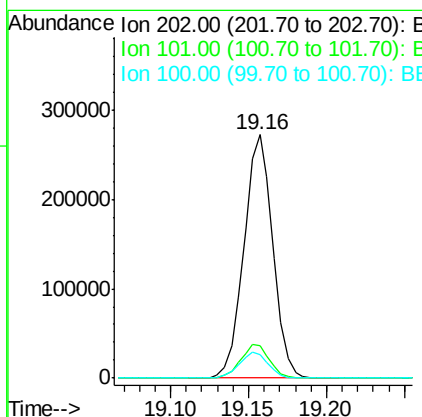
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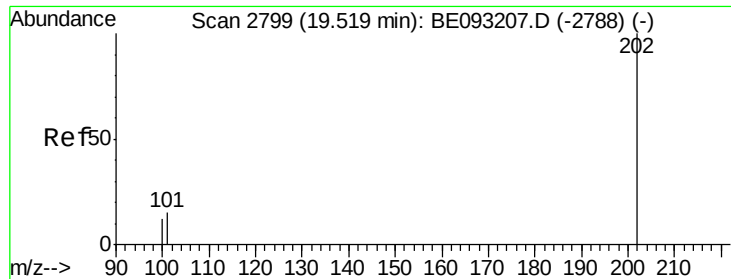
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#15
 Fluoranthene
 Concen: 5.149 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	30.3
100	9.7	0.0	39.5





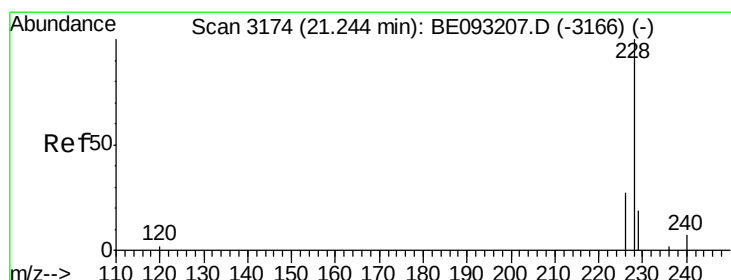
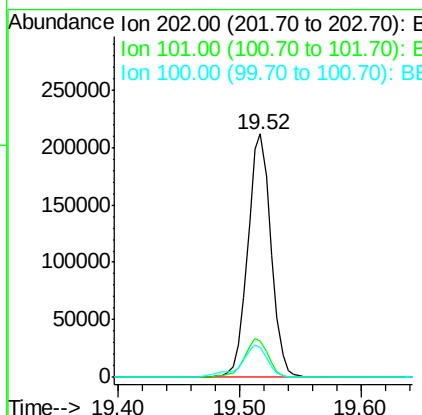
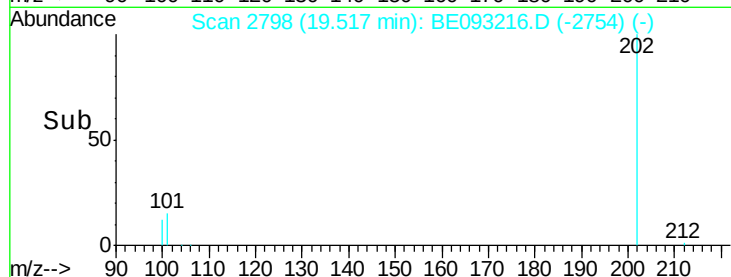
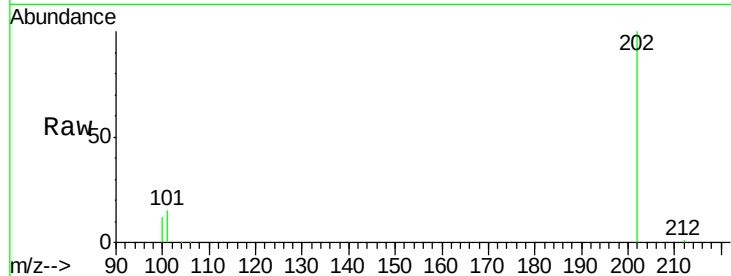
#17
Pyrene
 Concen: 4.442 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Instrument :
 BNA_E
 ClientSampleId :
 F5C30DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.0	18.2	27.4#
100	12.2	15.6	23.4#

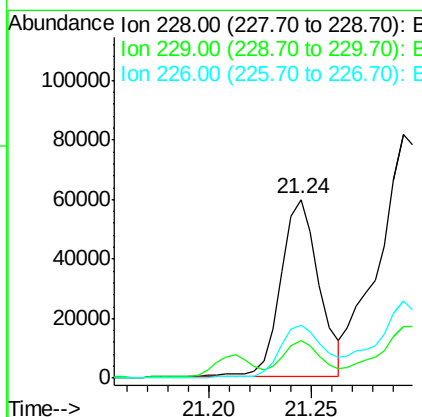
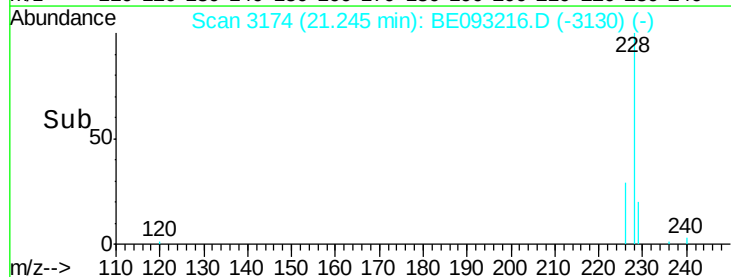
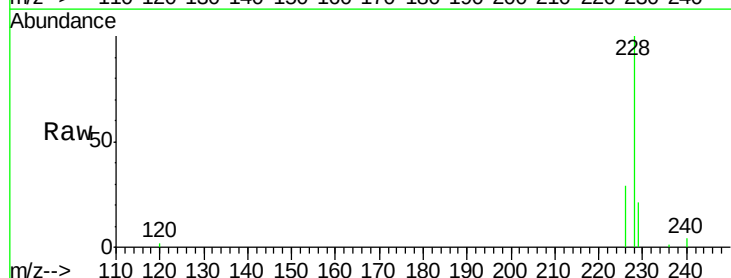
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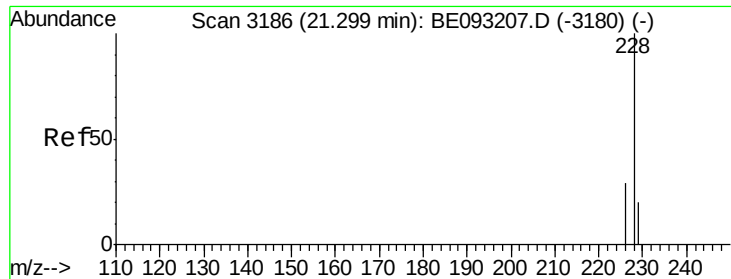
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#18
Benzo(a)anthracene
 Concen: 1.361 ng/ul
 RT: 21.24 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.1	22.8	34.2#
226	29.5	17.0	25.6#





#19

Chrysene

Concen: 2.224 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Instrument :

BNA_E

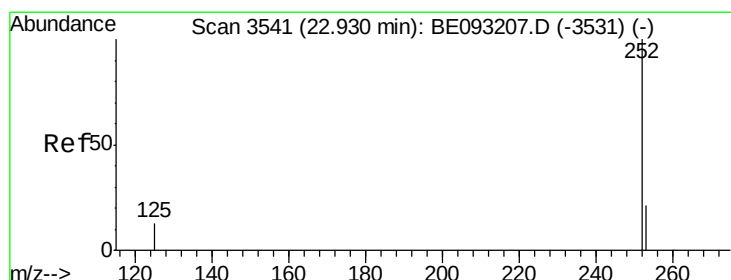
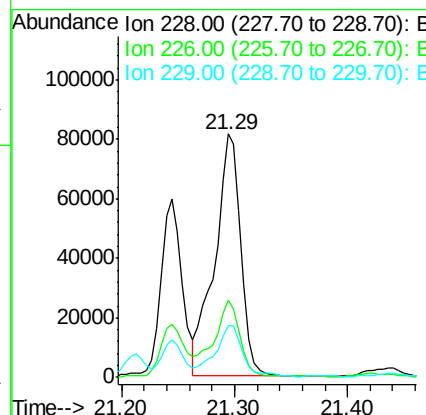
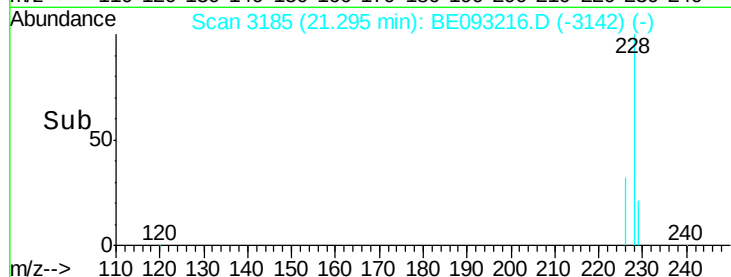
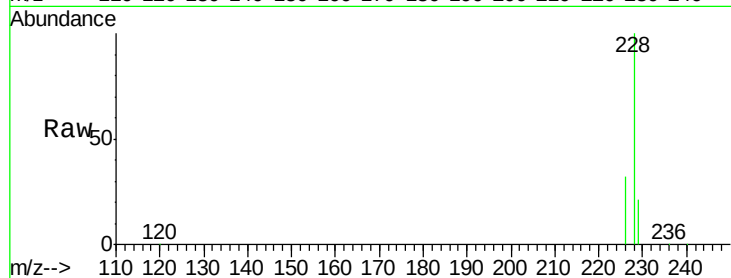
ClientSampleId :

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Tgt Ion:	228	Resp:	131072
Ion Ratio	Lower	Upper	
228	100		
226	31.7	23.4	35.0
229	21.3	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 2.543 ng/ul m

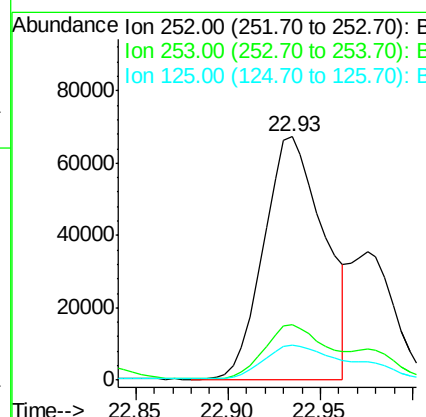
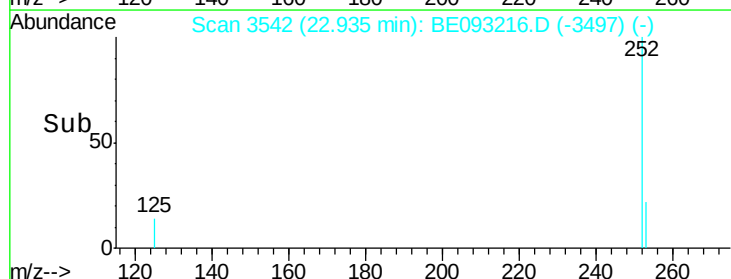
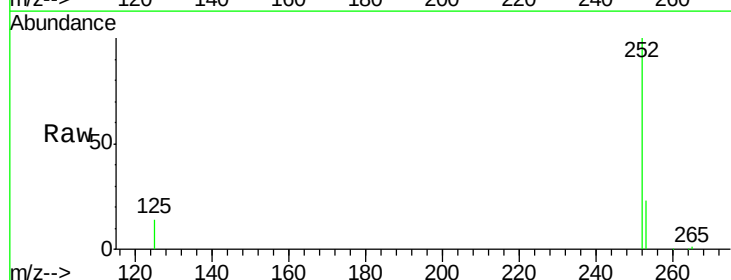
RT: 22.93 min Scan# 3542

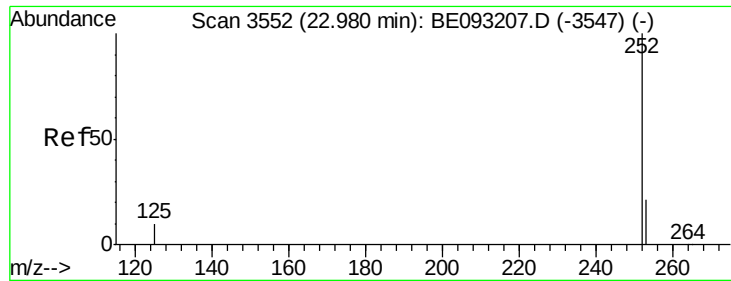
Delta R.T. 0.01 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Tgt Ion:	252	Resp:	153663
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	14.2	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.931 ng/ul m

RT: 22.98 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Instrument :

BNA_E

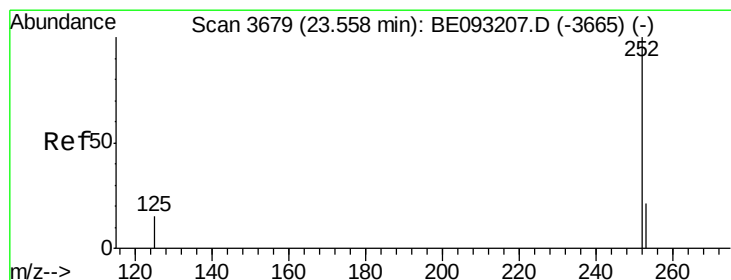
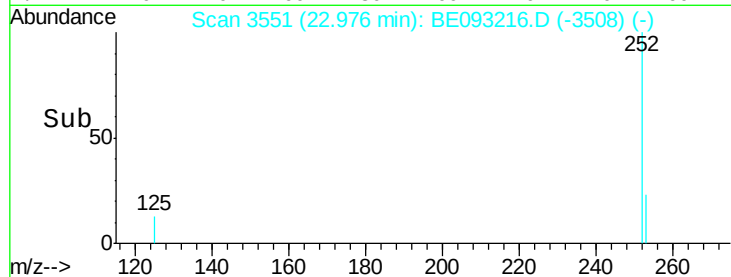
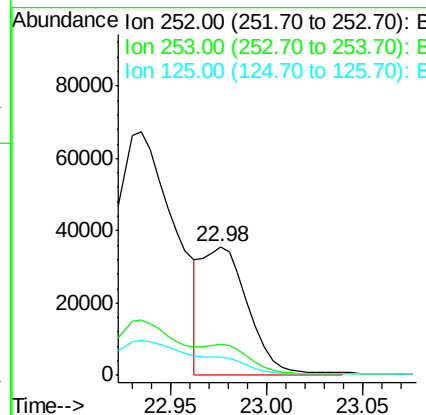
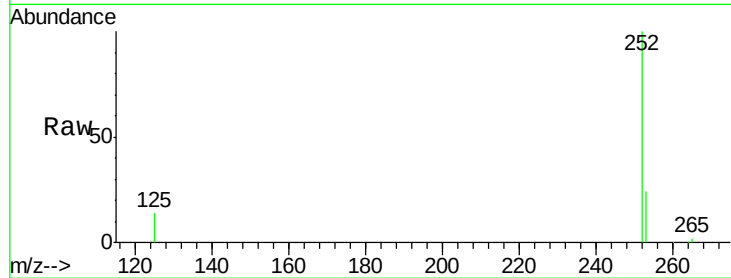
ClientSampleId :

F5C30DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.4	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 1.014 ng/ul

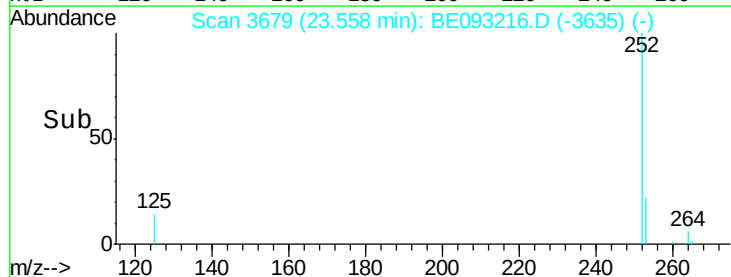
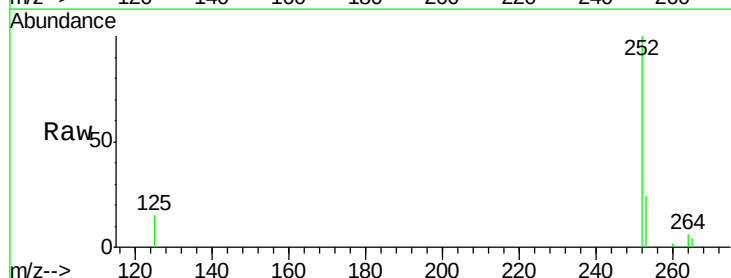
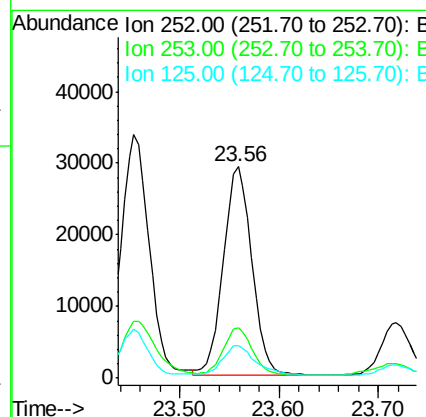
RT: 23.56 min Scan# 3679

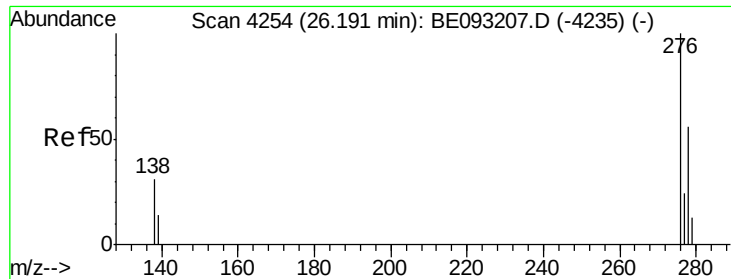
Delta R.T. 0.00 min

Lab File: BE093216.D

Acq: 15 Jun 2017 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	28.5	42.7#
125	15.4	18.1	27.1#





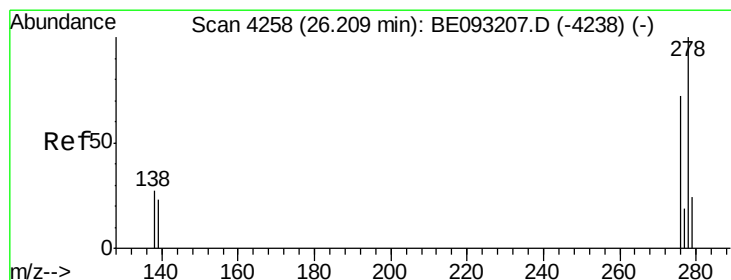
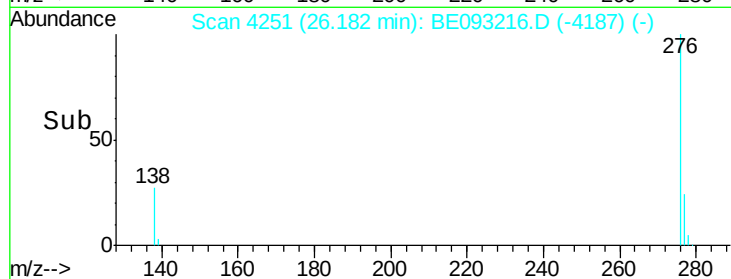
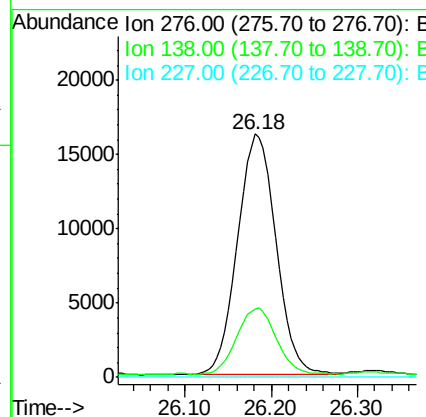
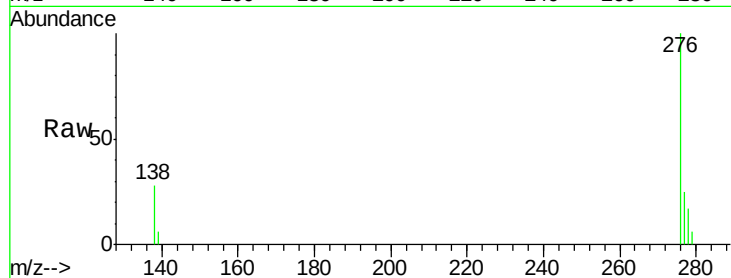
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.757 ng/ul
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.01 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Instrument :
 BNA_E
 ClientSampleId :
 F5C30DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	28.0	42.0
227	0.0	8.0	12.0

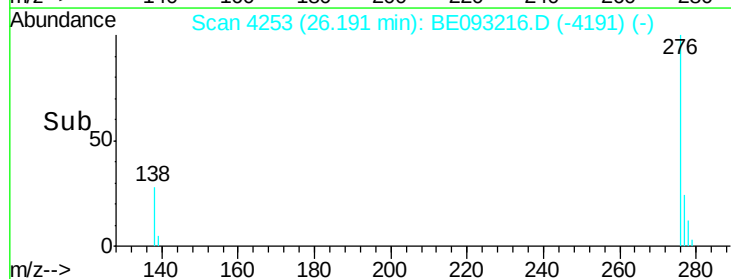
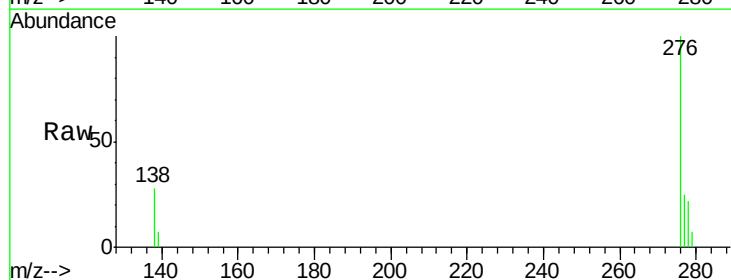
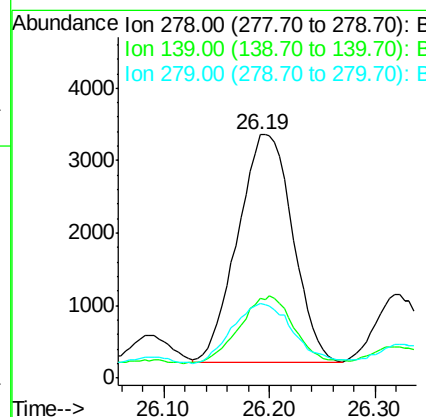
Manual Integrations
 APPROVED

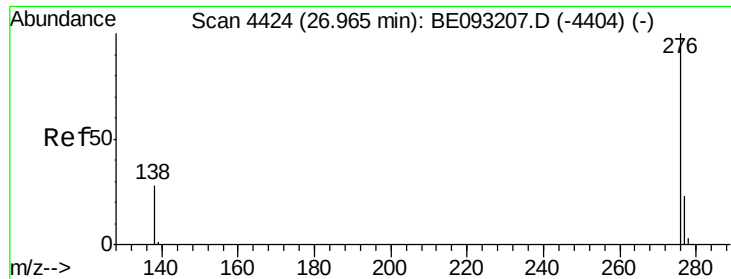
mohammad
 6/19/2017 11:06:43 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.204 ng/ul
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.02 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.8	17.4	26.0
279	30.7	25.9	38.9





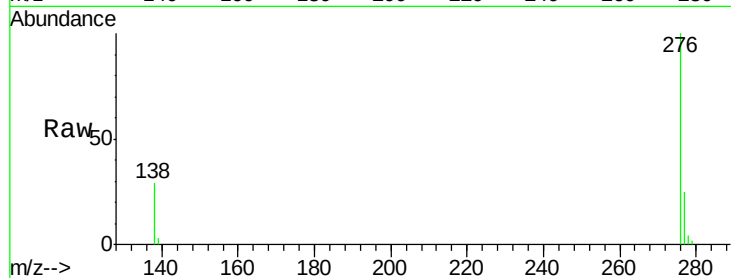
#26
 Benzo(g,h,i)perylene
 Concen: 0.673 ng/ul
 RT: 26.96 min Scan# 4421
 Delta R.T. -0.01 min
 Lab File: BE093216.D
 Acq: 15 Jun 2017 19:56

Instrument :
 BNA_E
 ClientSampleId :
 F5C30DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		38203		
138	29.3	21.8	32.8		
277	24.6	20.5	30.7		

Manual Integrations
 APPROVED

mohammad
 6/19/2017 11:06:43 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

