

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093221.D
 Acq On : 15 Jun 2017 23:00
 Operator : SJ/MA
 Sample : I3522-16DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B17DL

Manual Integrations
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 6/19/2017 11:06:59 AM

Quant Time: Jun 16 05:31:19 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	3137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	16021	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	9476	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	22737	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24333	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20669	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1422	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	3807	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	8348	0.210	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	2065	0.076	ng/ul	98
7) Acenaphthylene	14.08	152	42958	1.056	ng/ul	96
8) Acenaphthene	14.43	153	1733	0.053	ng/ul	96
9) Fluorene	15.42	166	1861	0.048	ng/ul	89
12) Phenanthrene	17.14	178	34236	0.547	ng/ul#	87
13) Anthracene	17.22	178	68517	1.258	ng/ul#	86
15) Fluoranthene	19.16	202	414557	5.404	ng/ul	83
17) Pyrene	19.52	202	549408	7.656	ng/ul#	85
18) Benzo(a)anthracene	21.25	228	382323	5.890	ng/ul#	85
19) Chrysene	21.30	228	396881	5.895	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	800125m	12.756	ng/ul	
22) Benzo(k)fluoranthene	22.98	252	261540m	3.926	ng/ul	
23) Benzo(a)pyrene	23.56	252	360103	6.072	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.19	276	207759	3.025	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	61021	1.055	ng/ul	92
26) Benzo(g,h,i)perylene	26.96	276	144482	2.453	ng/ul	97

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

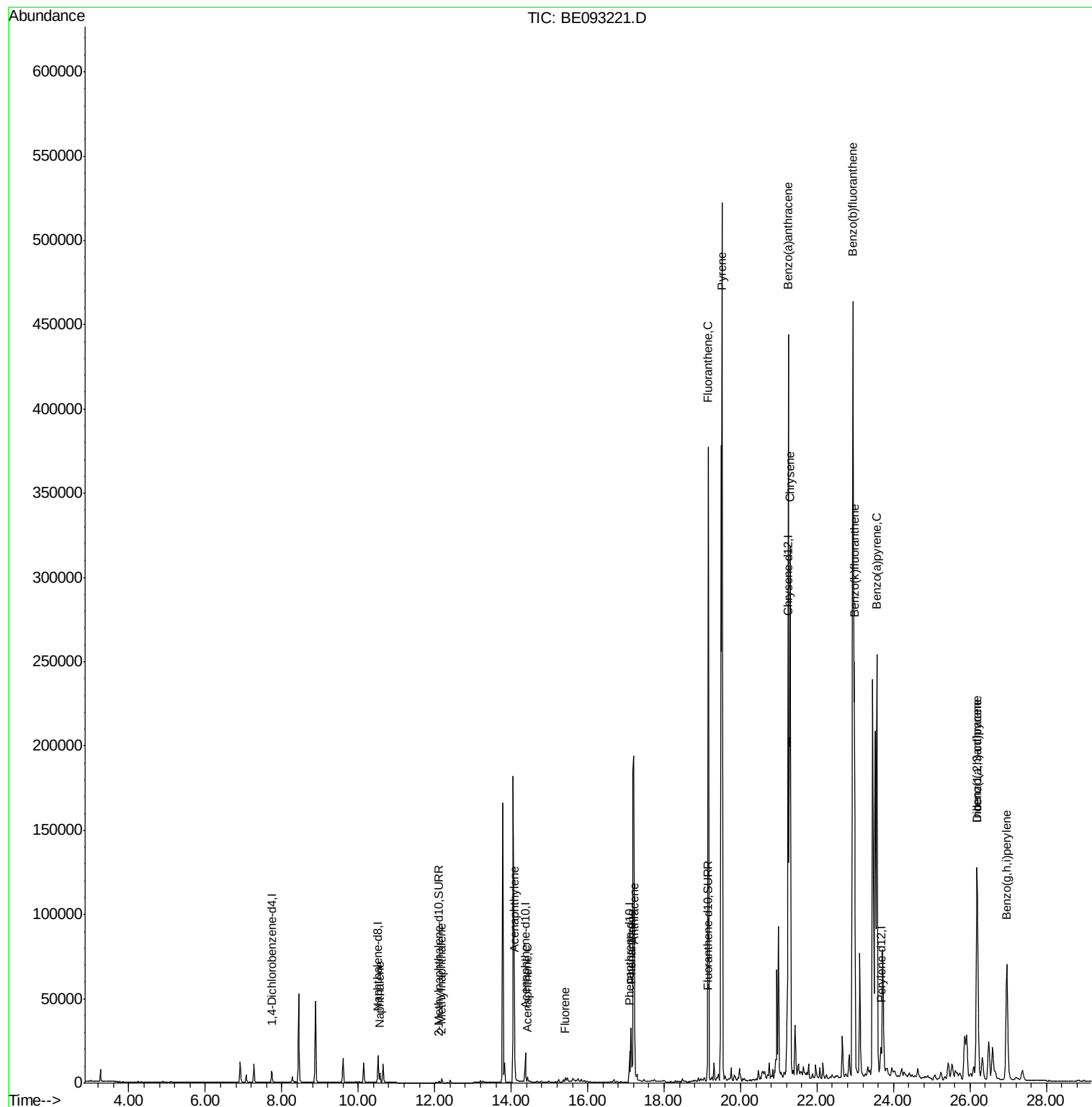
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
Data File : BE093221.D
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ALS Vial : 16 Sample Multiplier: 1

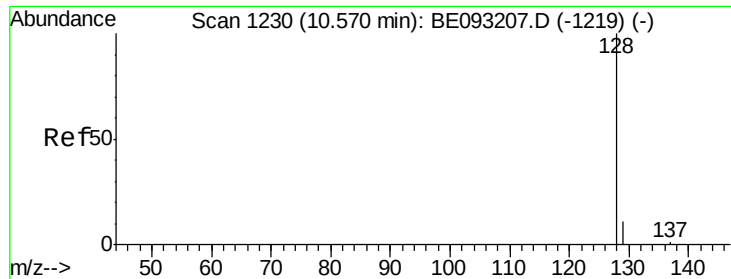
Instrument :
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F5B17DL

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Quant Time: Jun 16 05:31:19 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





#3

Naphthalene

Concen: 0.210 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

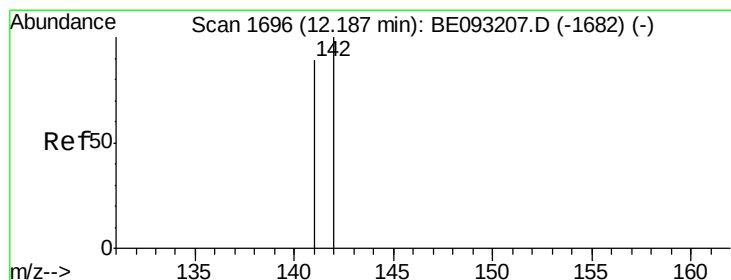
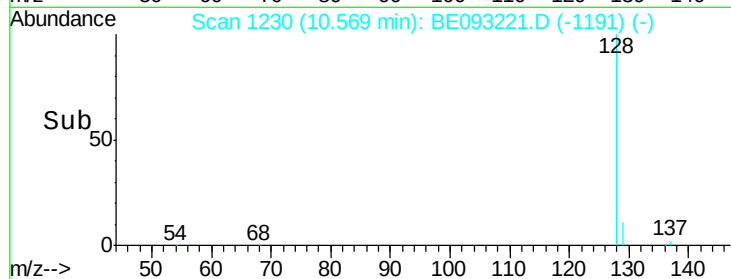
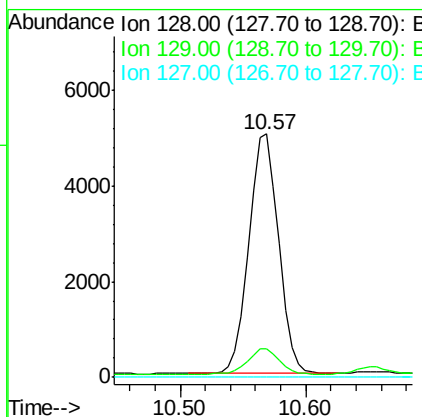
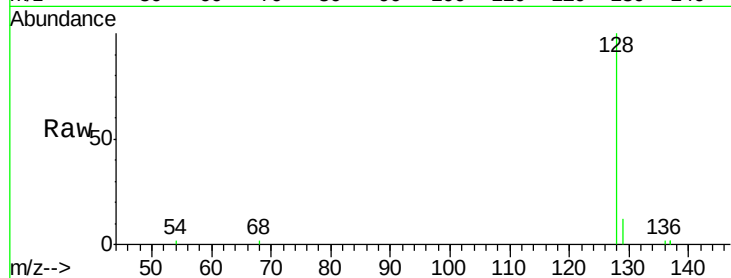
ClientSampleId :

F5B17DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.076 ng/ul

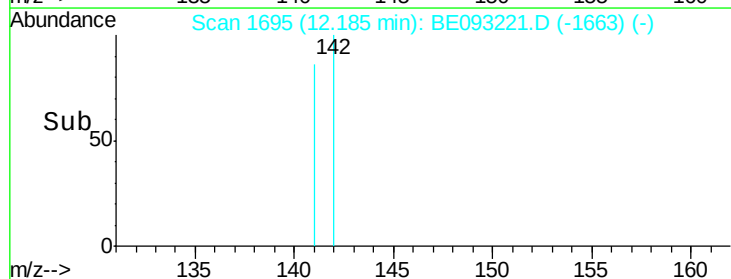
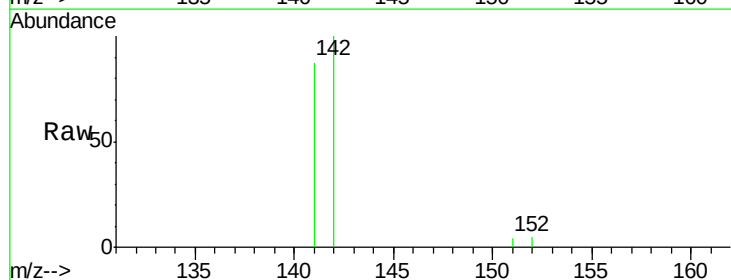
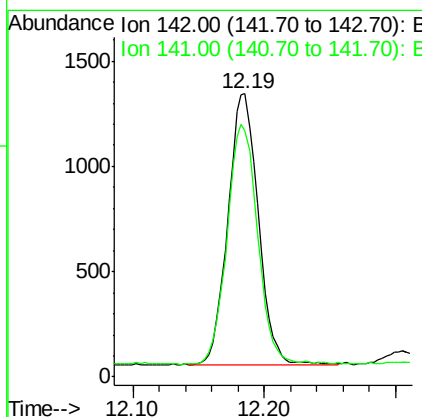
RT: 12.19 min Scan# 1695

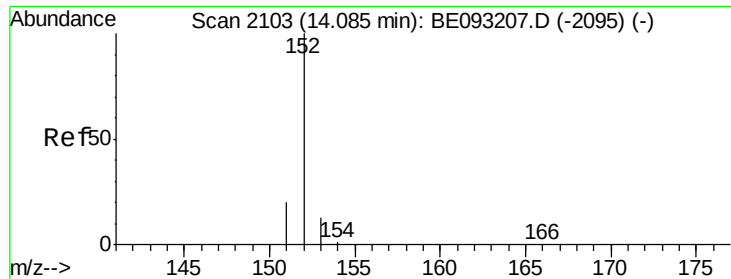
Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





#7

Acenaphthylene

Concen: 1.056 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

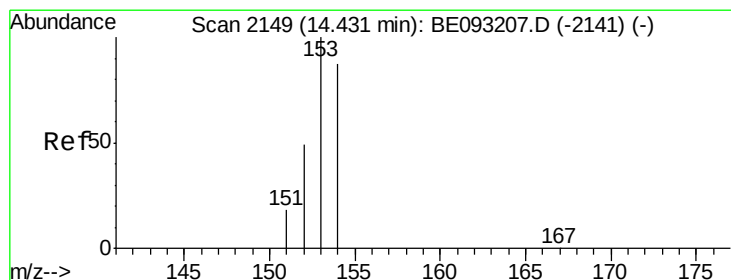
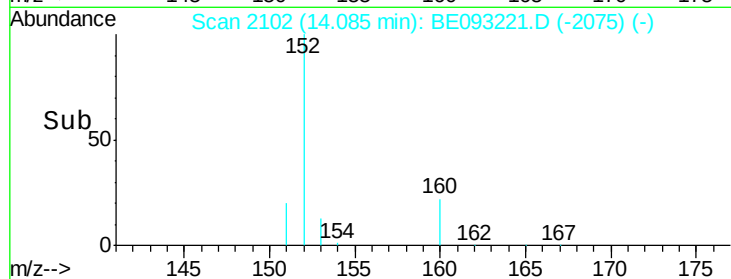
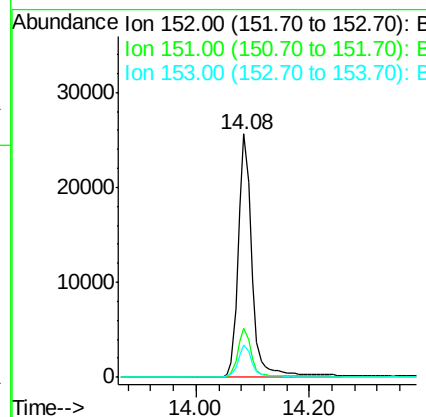
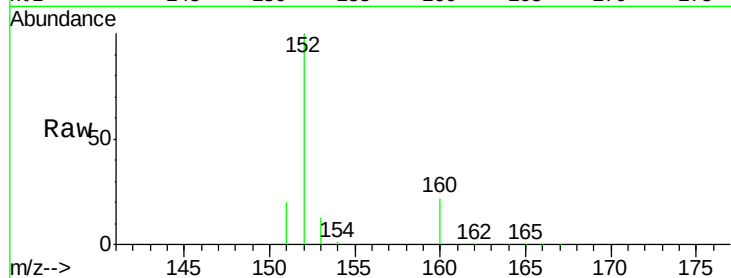
ClientSampleId :

F5B17DL

Tgt Ion:	152	Resp:	42958
Ion Ratio	Lower	Upper	
152	100		
151	20.2	17.1	25.7
153	13.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.053 ng/ul

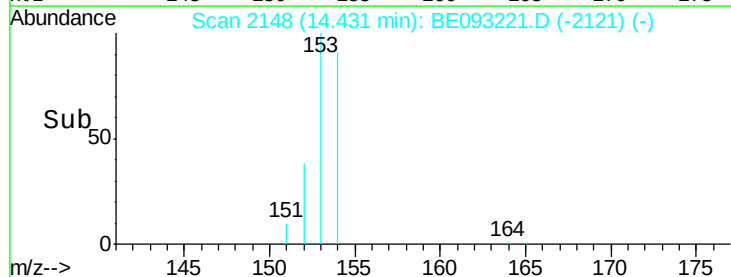
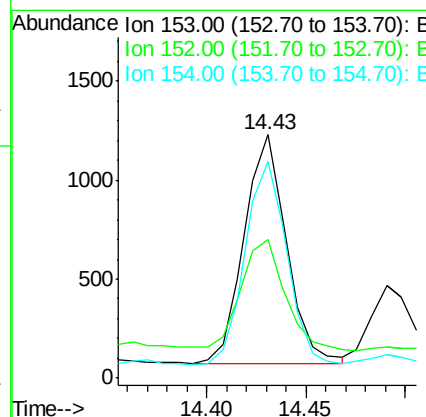
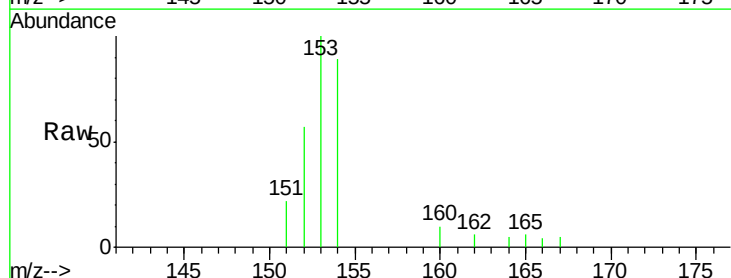
RT: 14.43 min Scan# 2148

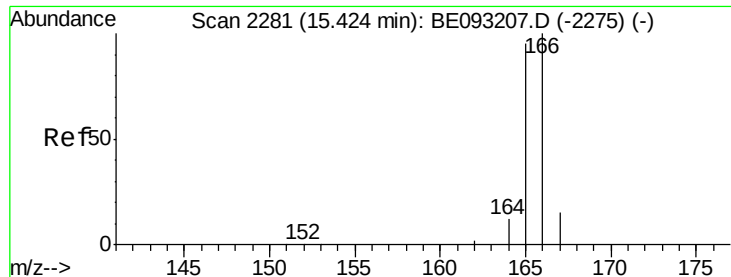
Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Tgt Ion:	153	Resp:	1733
Ion Ratio	Lower	Upper	
153	100		
152	57.0	40.3	60.5
154	88.8	71.4	107.2





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

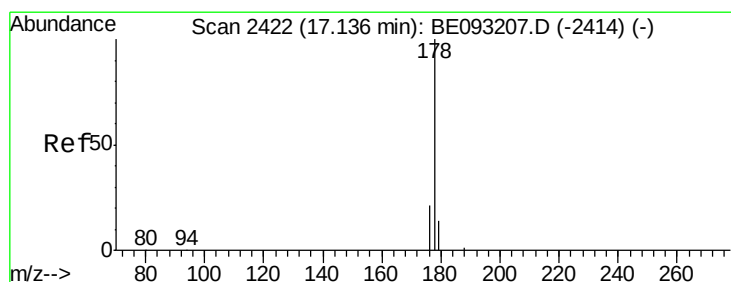
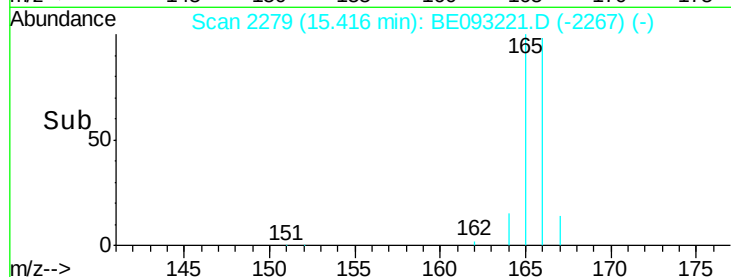
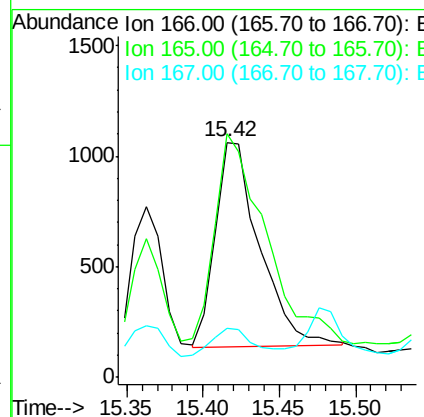
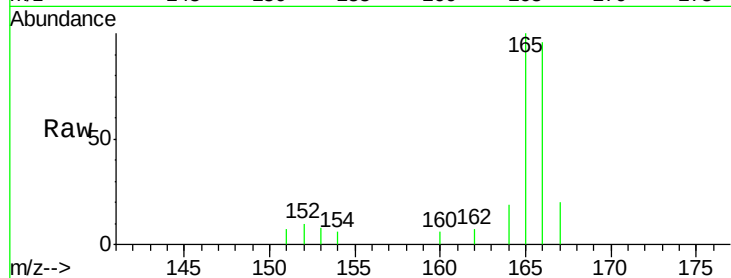
ClientSampled :

F5B17DL

Tgt Ion:	166	Resp:	1861
Ion Ratio	Lower	Upper	
166	100		
165	103.8	73.4	110.2
167	20.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.547 ng/ul

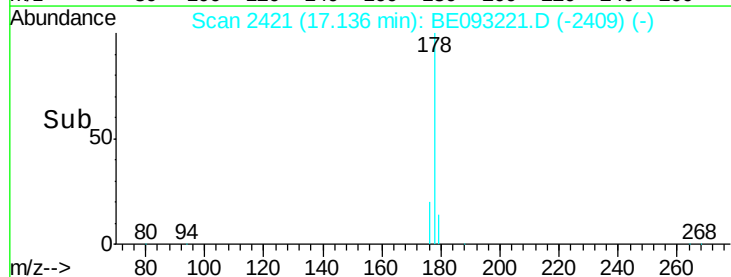
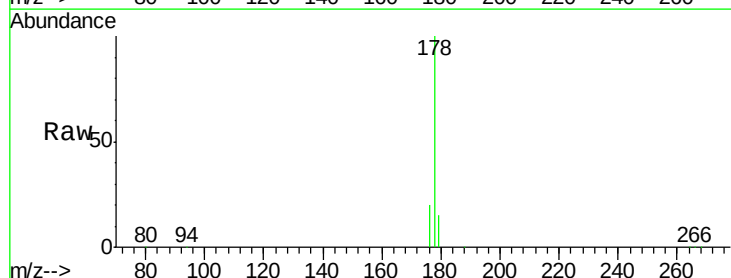
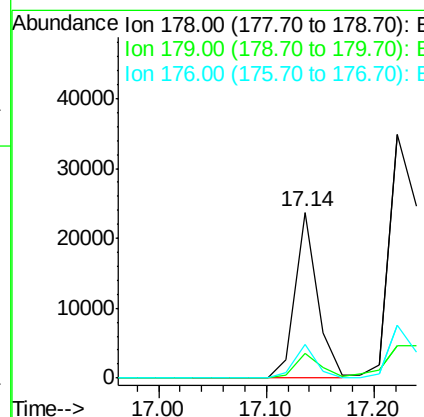
RT: 17.14 min Scan# 2421

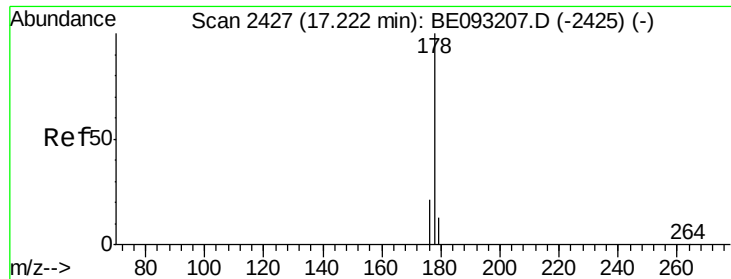
Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Tgt Ion:	178	Resp:	34236
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.4	27.6#
176	20.5	13.6	20.4#





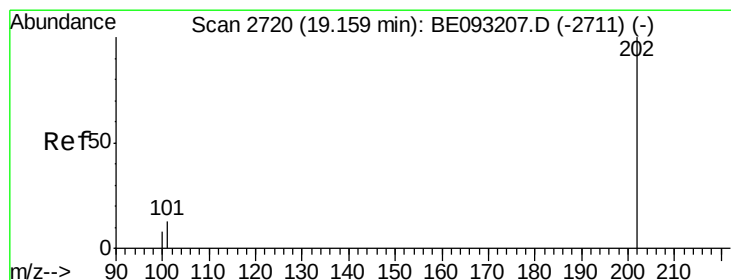
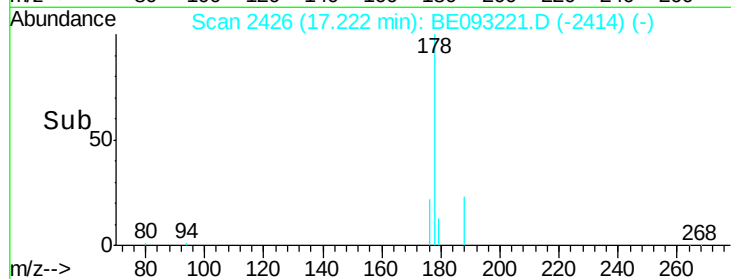
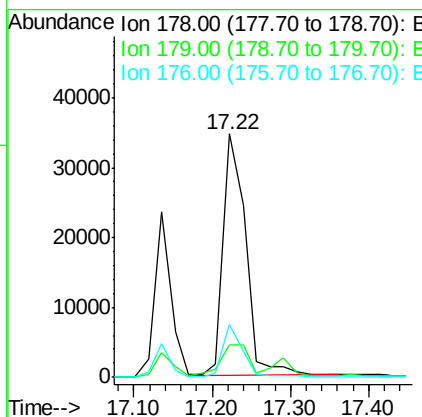
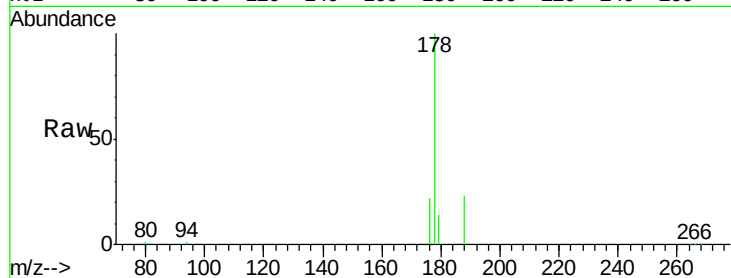
#13
 Anthracene
 Concen: 1.258 ng/ul
 RT: 17.22 min Scan# 2426
 Delta R.T. -0.00 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:178 Resp: 68517
 Ion Ratio Lower Upper
 178 100
 179 13.5 18.1 27.1#
 176 21.7 14.7 22.1

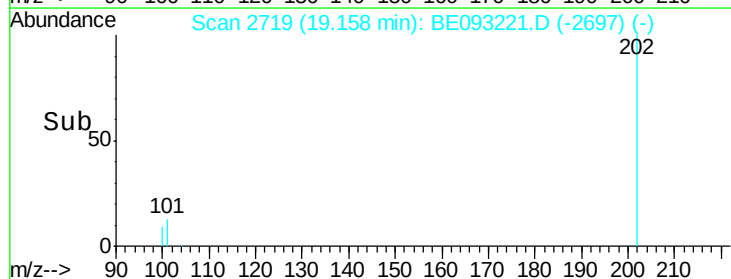
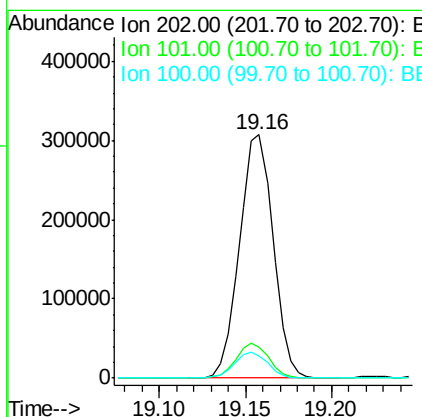
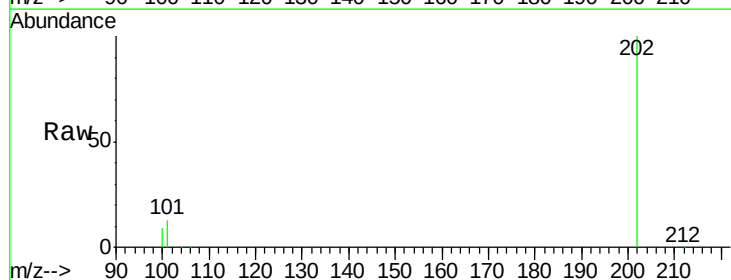
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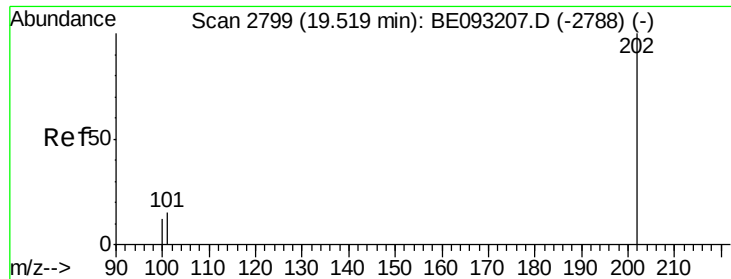
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#15
 Fluoranthene
 Concen: 5.404 ng/ul
 RT: 19.16 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Tgt Ion:202 Resp: 414557
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 30.3
 100 9.3 0.0 39.5





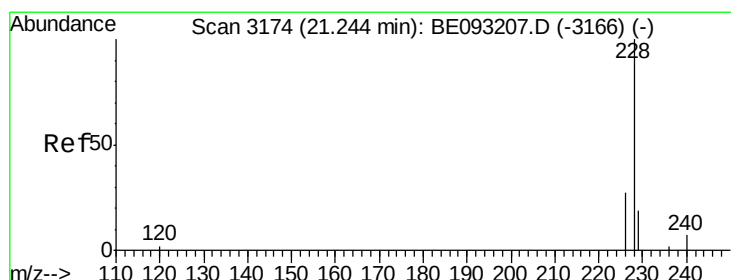
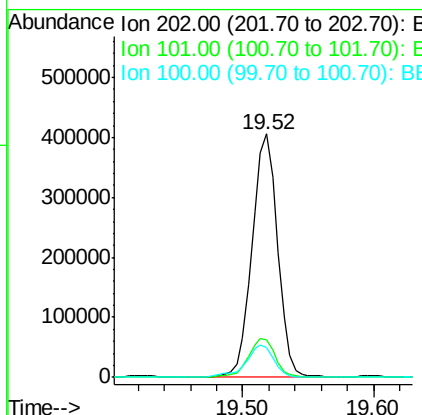
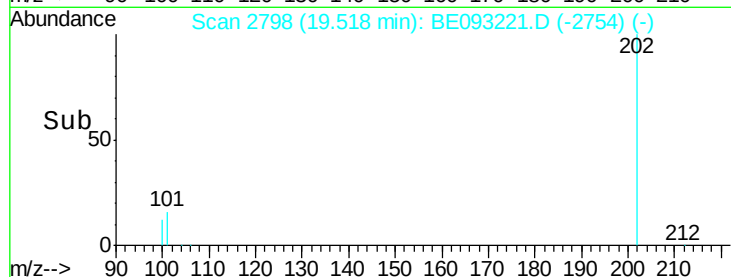
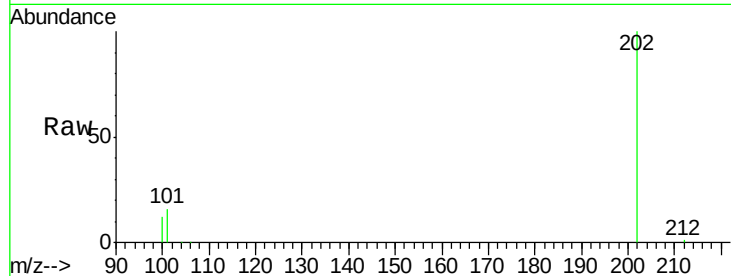
#17
 Pyrene
 Concen: 7.656 ng/ul
 RT: 19.52 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 F5B17DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.5	18.2	27.4#
100	12.4	15.6	23.4#

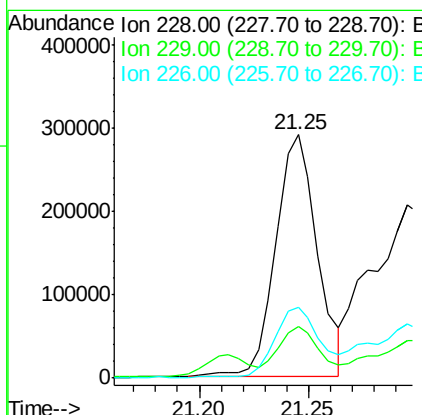
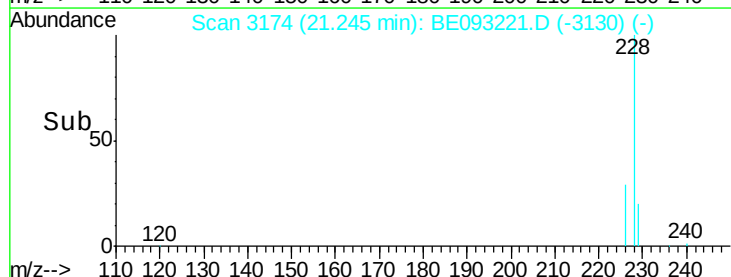
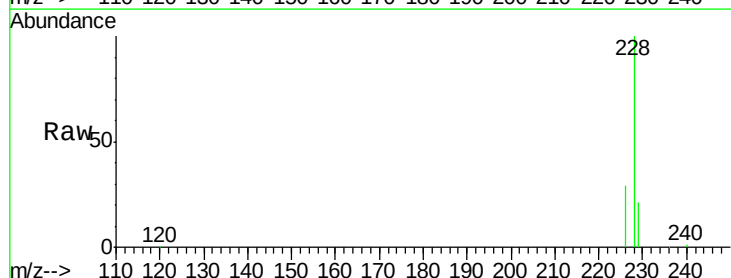
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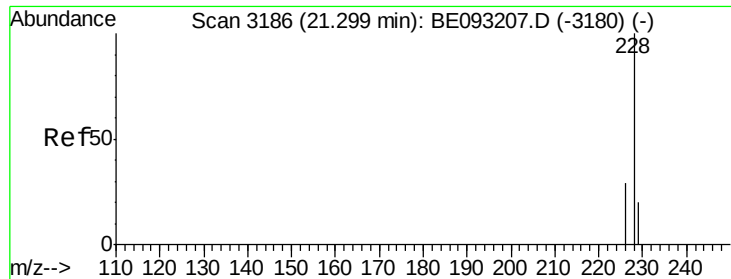
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#18
 Benzo(a)anthracene
 Concen: 5.890 ng/ul
 RT: 21.25 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	22.8	34.2#
226	29.4	17.0	25.6#





#19

Chrysene

Concen: 5.895 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

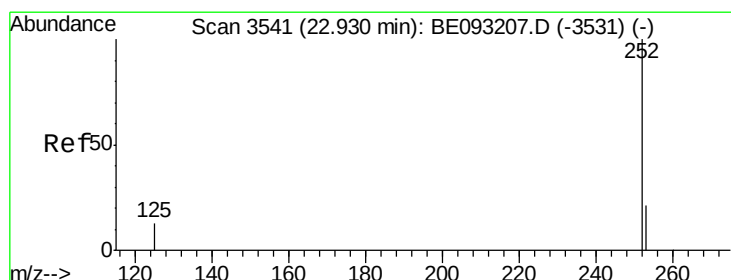
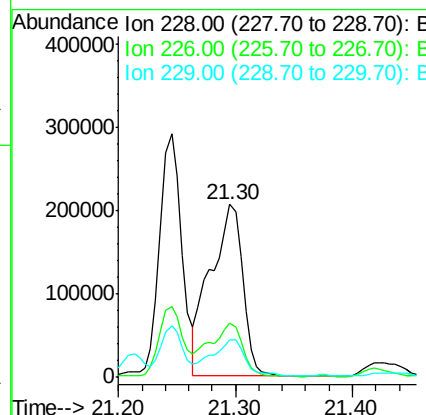
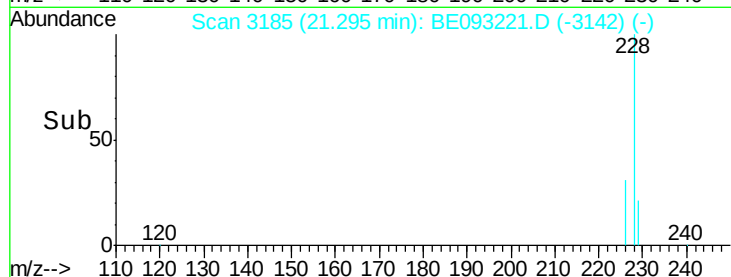
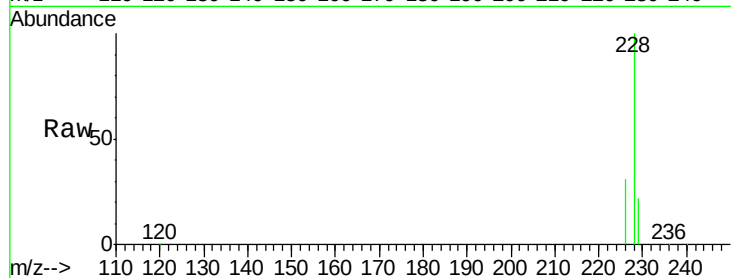
ClientSampleId :

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Tgt	Ion	228	Resp	396881
Ion	Ratio	Lower	Upper	
228	100			
226	31.3	23.4	35.0	
229	21.8	17.7	26.5	

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#21

Benzo(b)fluoranthene

Concen: 12.756 ng/ul m

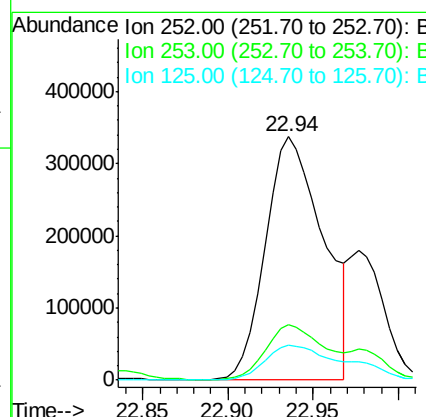
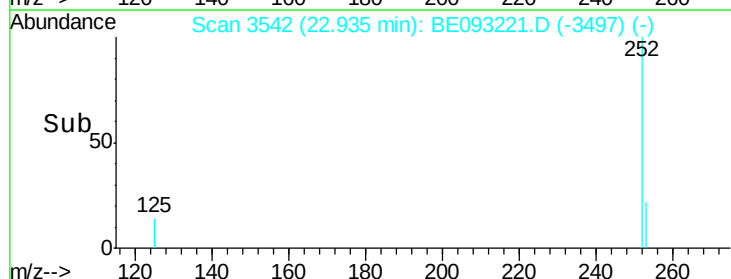
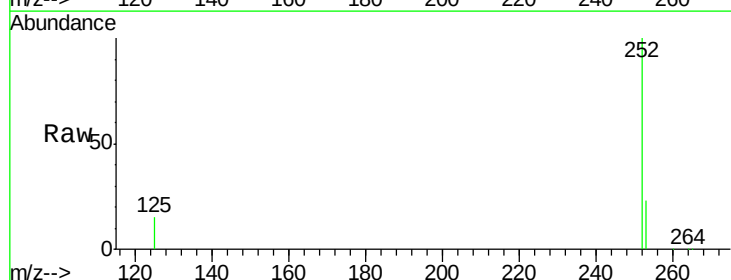
RT: 22.94 min Scan# 3542

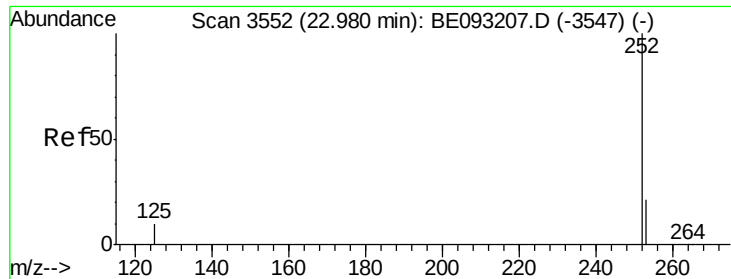
Delta R.T. 0.01 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Tgt	Ion	252	Resp	800125
Ion	Ratio	Lower	Upper	
252	100			
253	22.5	0.0	64.2	
125	14.5	0.0	35.0	





#22

Benzo(k)fluoranthene

Concen: 3.926 ng/ul m

RT: 22.98 min Scan# 3551

Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

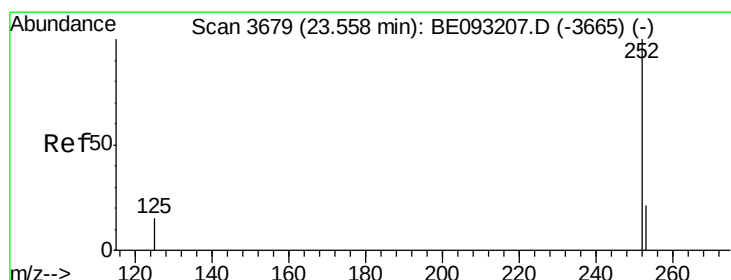
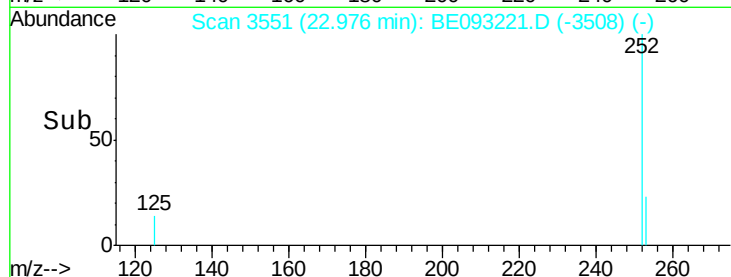
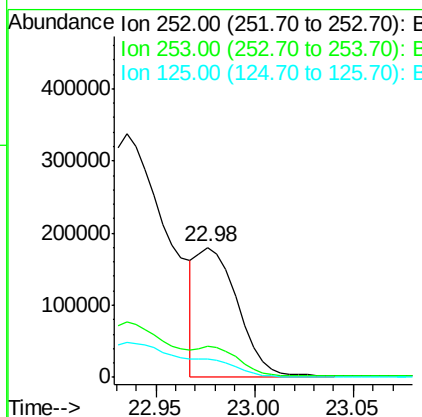
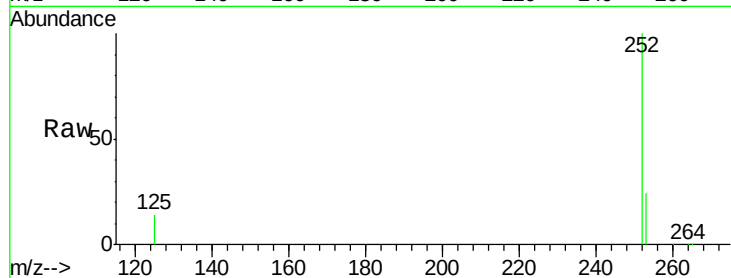
ClientSampleId :

F5B17DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	14.1	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 6.072 ng/ul

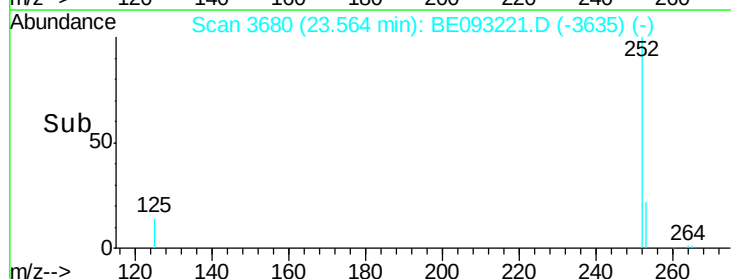
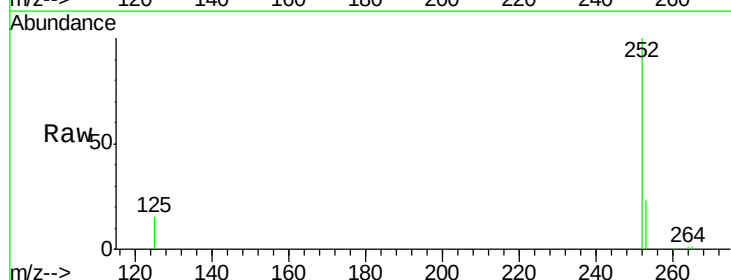
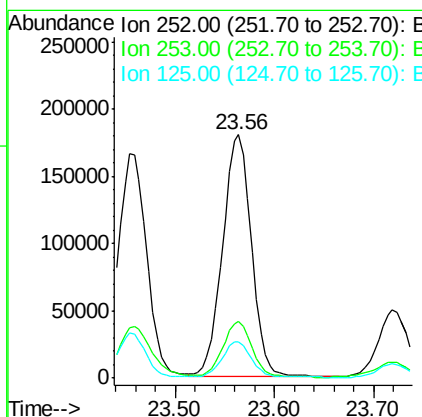
RT: 23.56 min Scan# 3680

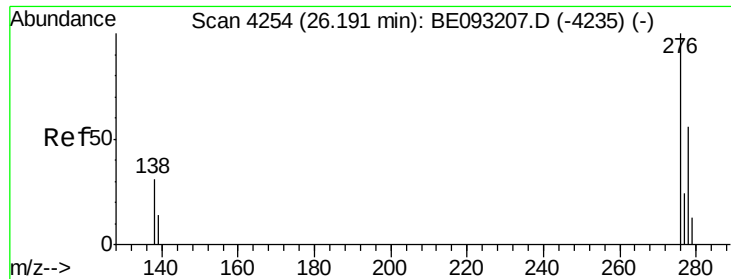
Delta R.T. 0.01 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	14.9	18.1	27.1#





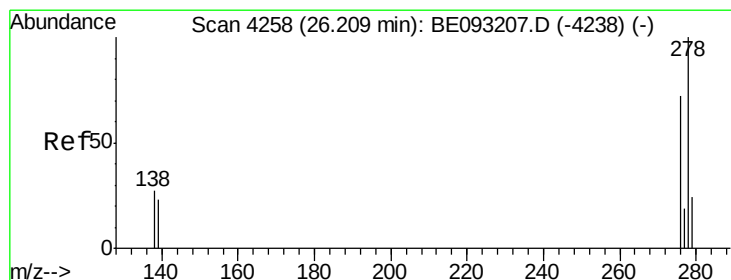
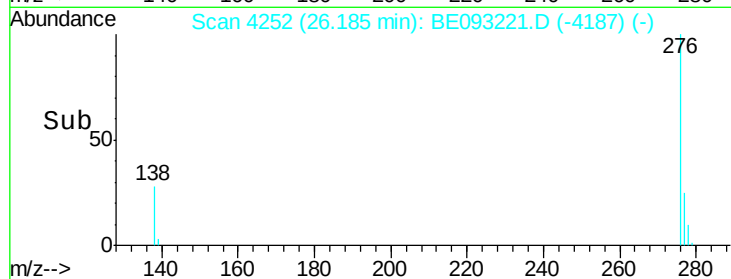
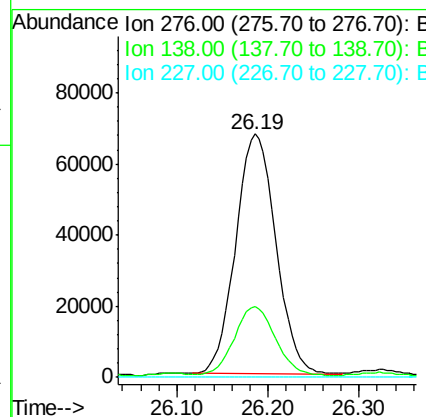
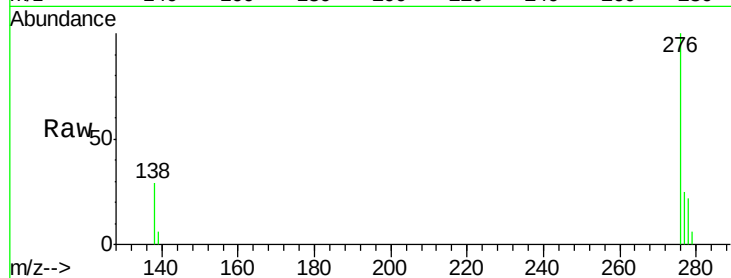
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.025 ng/ul
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.01 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Instrument :
 BNA_E
 ClientSampleId :
 F5B17DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	29.4	28.0	42.0
227	0.0	8.0	12.0

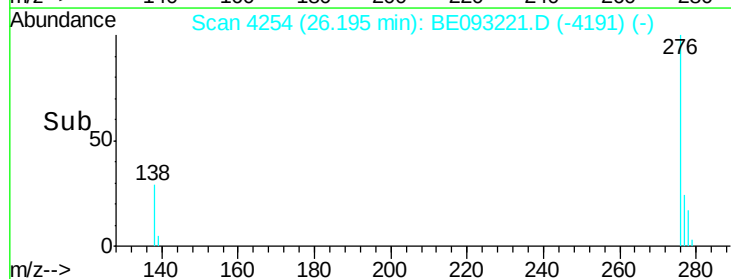
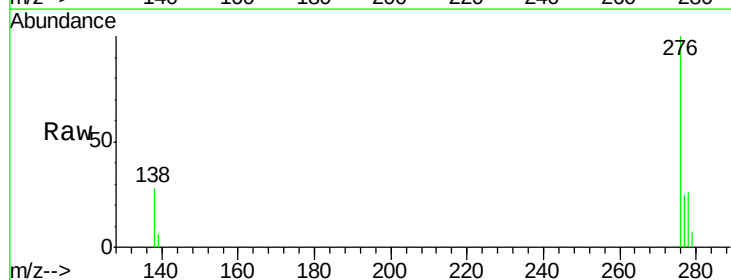
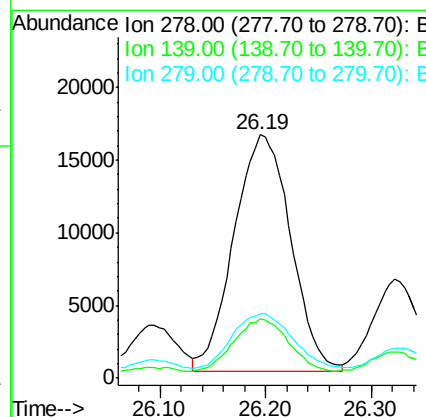
Manual Integrations
 APPROVED

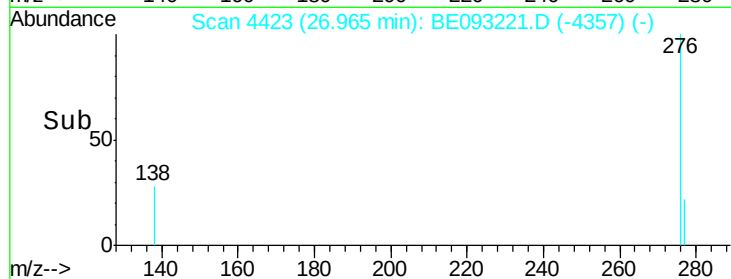
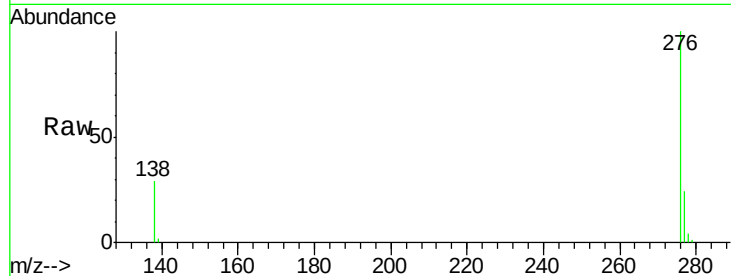
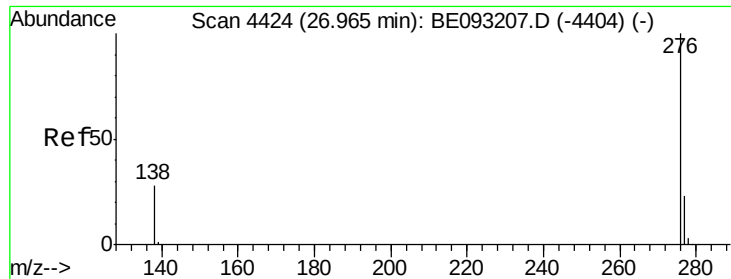
mohammad
 6/19/2017 11:06:59 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 1.055 ng/ul
 RT: 26.19 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093221.D
 Acq: 15 Jun 2017 23:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	24.2	17.4	26.0
279	26.5	25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 2.453 ng/ul

RT: 26.96 min Scan# 4423

Delta R.T. -0.00 min

Lab File: BE093221.D

Acq: 15 Jun 2017 23:00

Instrument :

BNA_E

ClientSampleId :

F5B17DL

Tgt Ion:	276	Resp:	144482
Ion Ratio	Lower	Upper	
276	100		
138	29.0	21.8	32.8
277	24.2	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/19/2017 11:06:59 AM

