

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
 Data File : BE093230.D
 Acq On : 16 Jun 2017 4:32
 Operator : SJ/MA
 Sample : I3521-12DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B94DL

Manual Integrations
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Quant Time: Jun 16 06:10:37 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 05:36:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2621	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13237	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7670	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18883	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	19830	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	17284	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	639	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1719	0.03	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	2445	0.074	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	566	0.025	ng/ul	97
7) Acenaphthylene	14.08	152	8441	0.256	ng/ul	97
8) Acenaphthene	14.43	153	680	0.026	ng/ul	94
9) Fluorene	15.42	166	645	0.021	ng/ul#	84
12) Phenanthrene	17.14	178	6244	0.120	ng/ul#	87
13) Anthracene	17.22	178	14747	0.326	ng/ul#	88
15) Fluoranthene	19.15	202	94003	1.475	ng/ul	84
17) Pyrene	19.51	202	97226	1.663	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	73658	1.393	ng/ul#	86
19) Chrysene	21.30	228	74325	1.355	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	83177m	1.586	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	36980m	0.664	ng/ul	
23) Benzo(a)pyrene	23.55	252	38661	0.780	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.18	276	25068	0.437	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.19	278	7084	0.146	ng/ul#	91
26) Benzo(g,h,i)perylene	26.96	276	18528	0.376	ng/ul	96

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

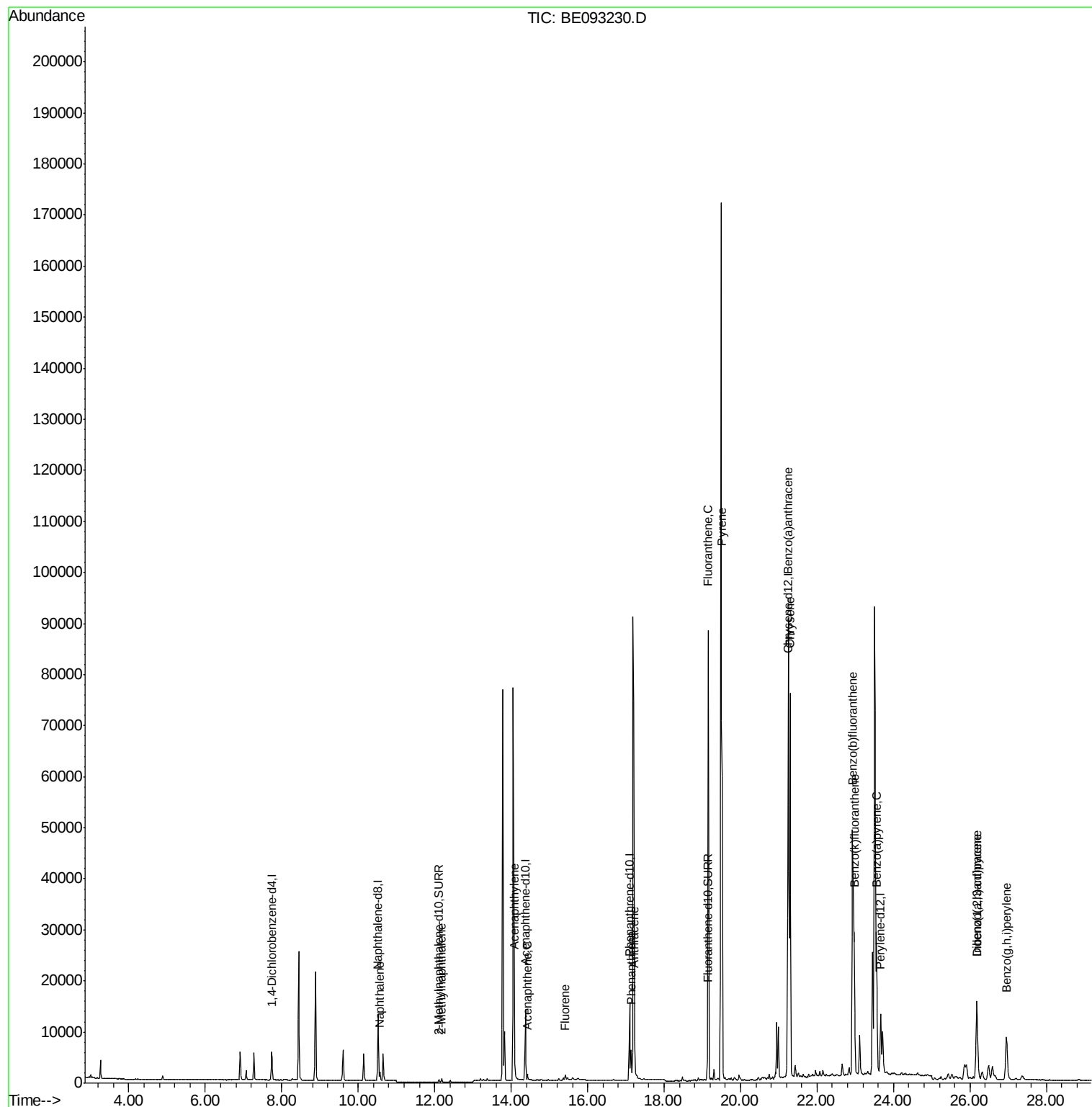
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061517\
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ALS Vial : 24 Sample Multiplier: 1

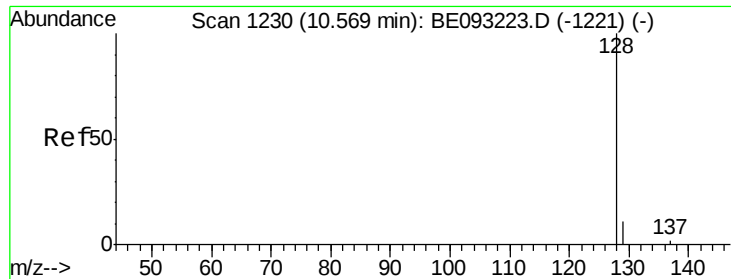
Instrument :
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F5B94DL

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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 05:36:31 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.074 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

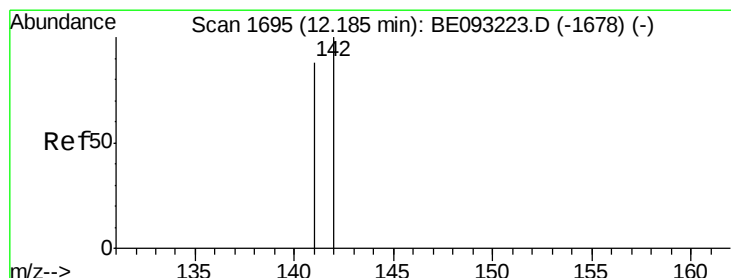
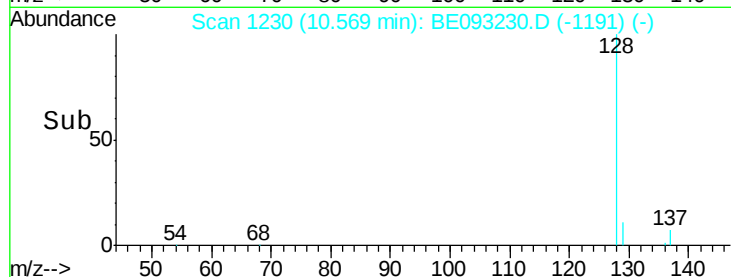
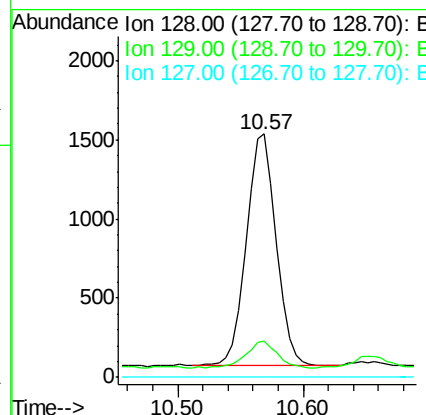
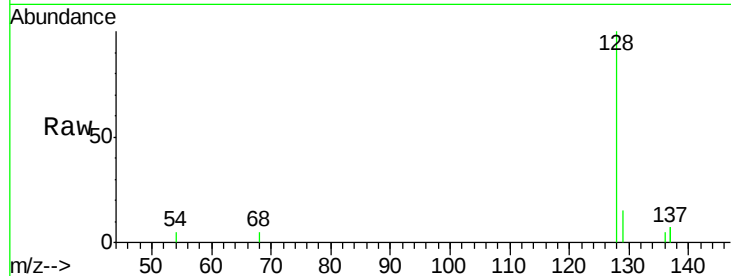
ClientSampleId :

F5B94DL

Tgt Ion:	128	Resp:	2445
Ion Ratio	Lower	Upper	
128	100		
129	14.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

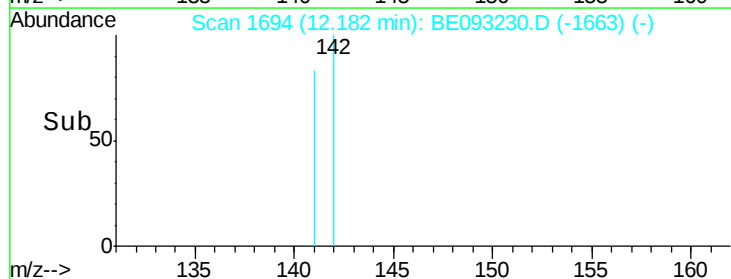
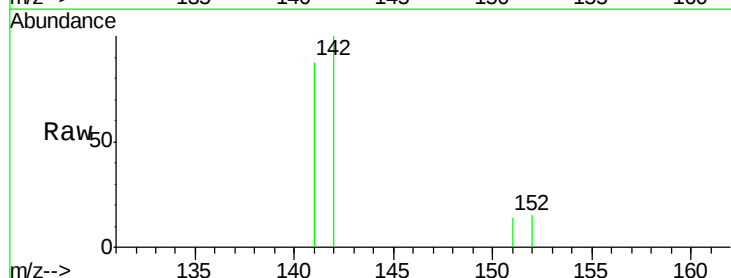
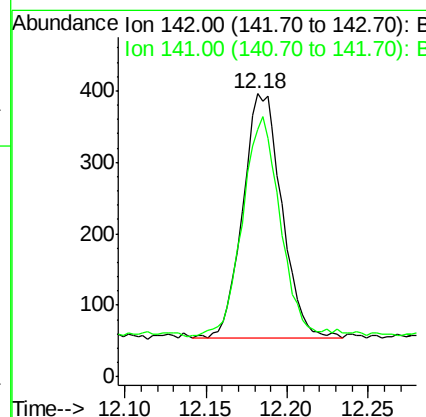
RT: 12.18 min Scan# 1694

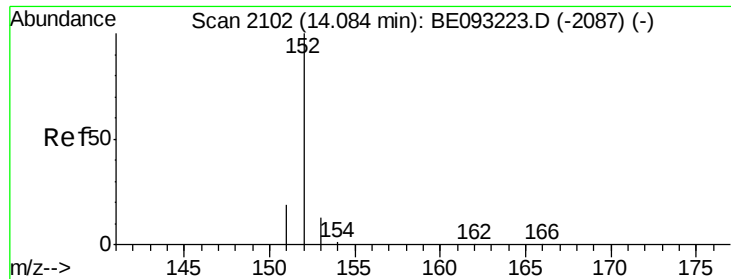
Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion:	142	Resp:	566
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.6	108.8





#7

Acenaphthylene

Concen: 0.256 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

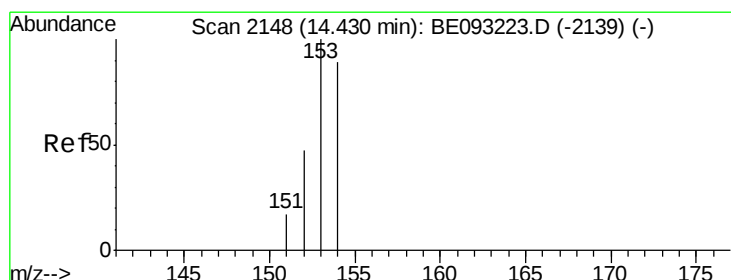
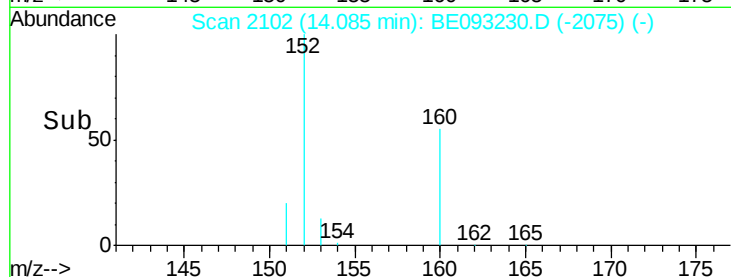
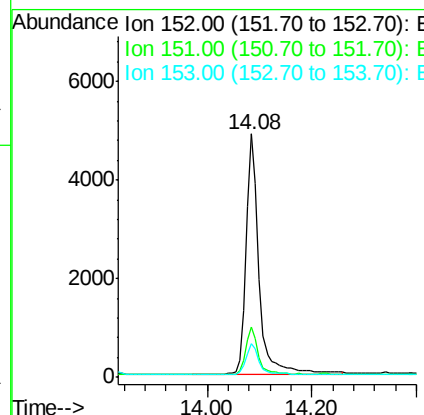
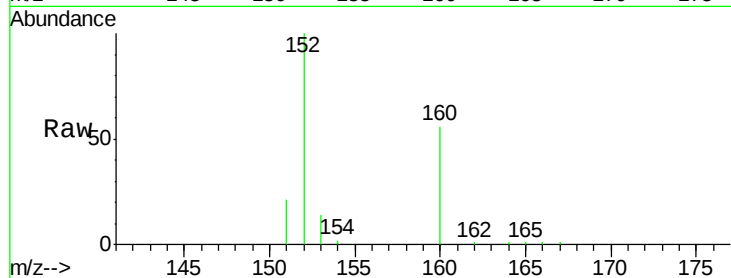
ClientSampleId :

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Tgt Ion:	152	Resp:	8441
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.1	25.7
153	13.9	12.8	19.2

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#8

Acenaphthene

Concen: 0.026 ng/ul

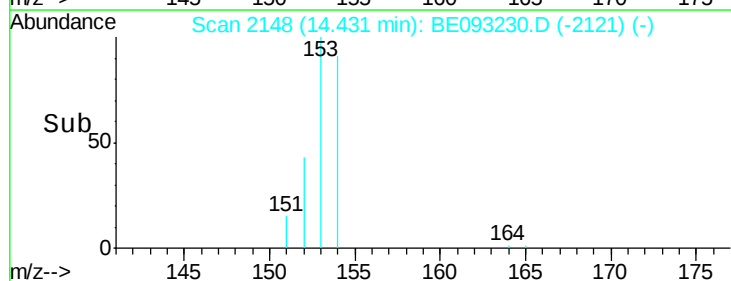
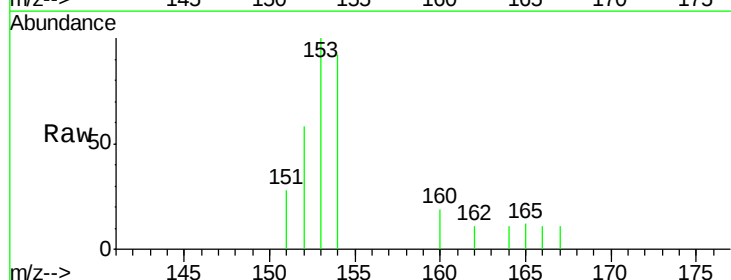
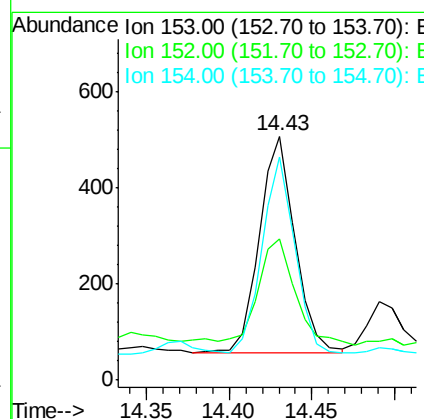
RT: 14.43 min Scan# 2148

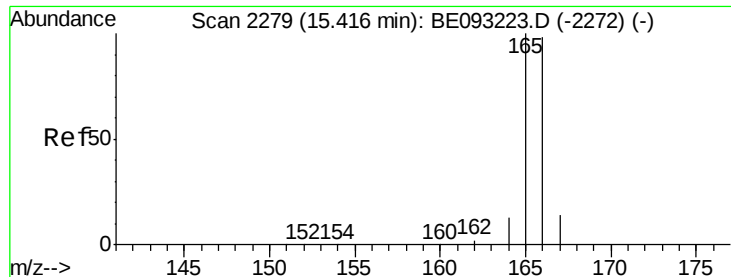
Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion:	153	Resp:	680
Ion Ratio	Lower	Upper	
153	100		
152	58.1	40.3	60.5
154	91.5	71.4	107.2





#9

Fluorene

Concen: 0.021 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

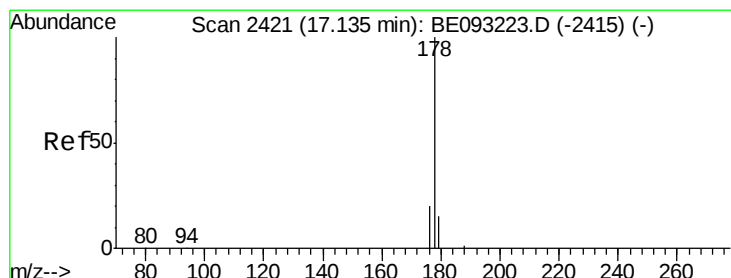
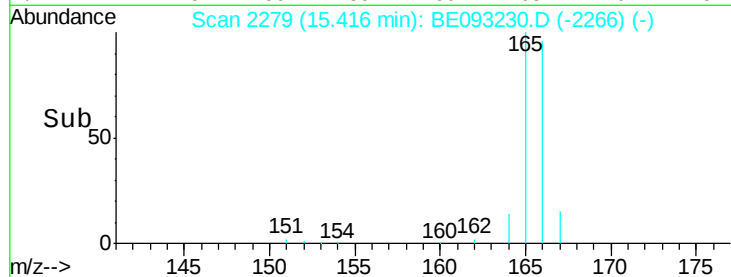
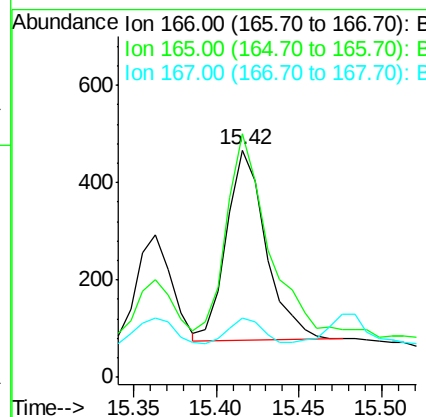
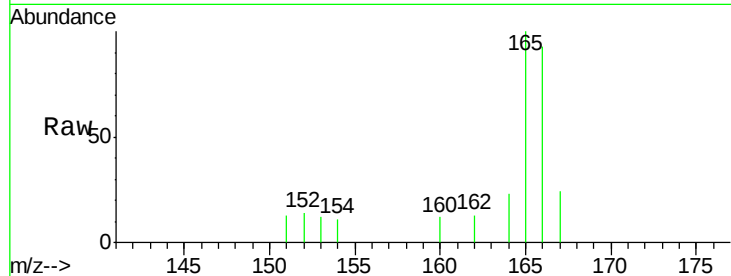
ClientSampleId :

F5B94DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.1	73.4	110.2
167	26.1	14.6	22.0

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#12

Phenanthrene

Concen: 0.120 ng/ul

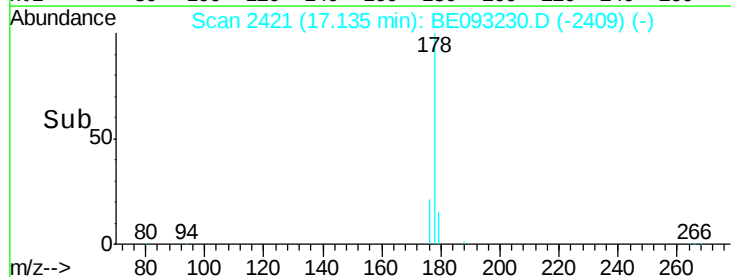
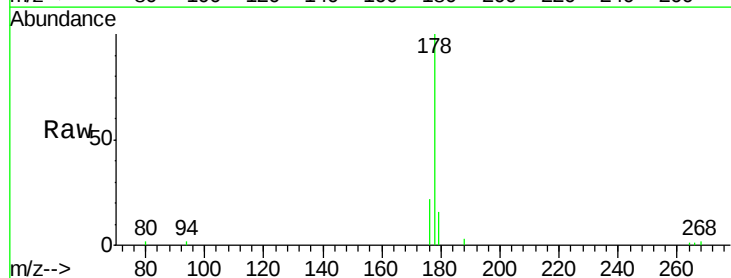
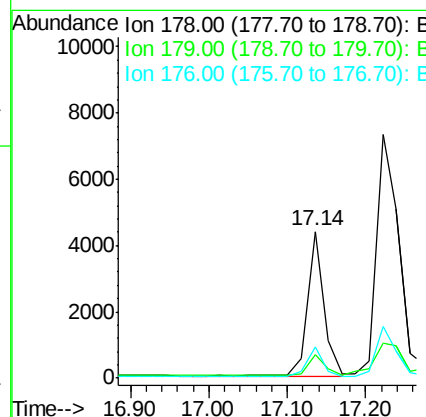
RT: 17.14 min Scan# 2421

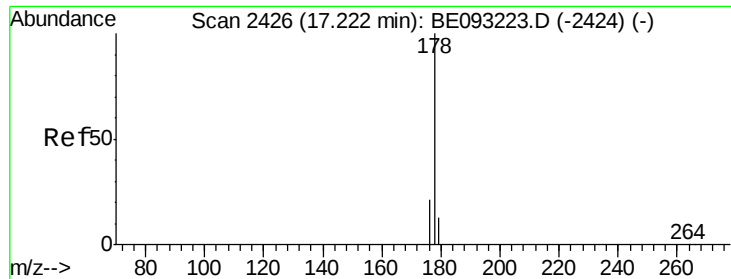
Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	18.4	27.6
176	21.5	13.6	20.4





#13

Anthracene

Concen: 0.326 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

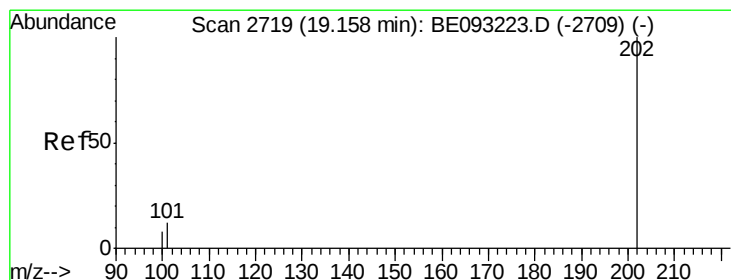
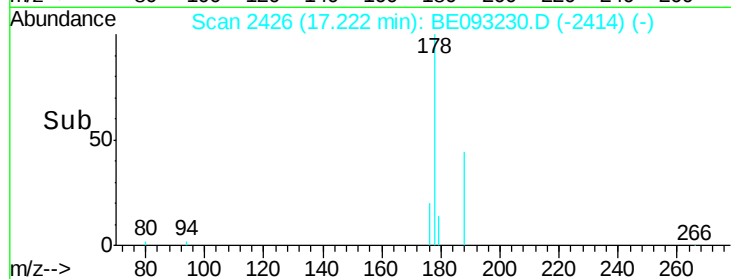
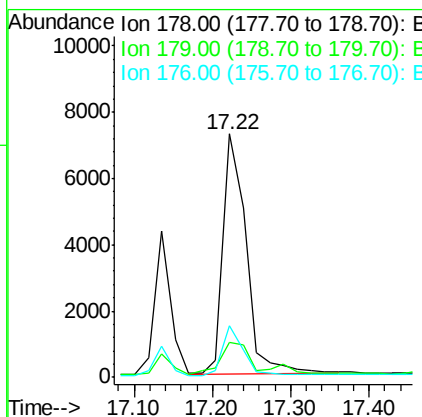
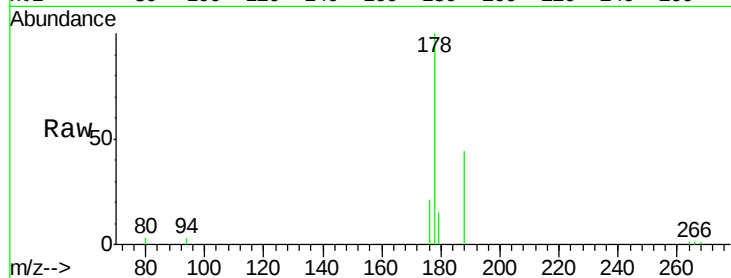
ClientSampleId :

F5B94DL

Tgt Ion:	178	Resp:	14747
Ion Ratio	Lower	Upper	
178	100		
179	14.5	18.1	27.1#
176	21.1	14.7	22.1

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#15

Fluoranthene

Concen: 1.475 ng/ul

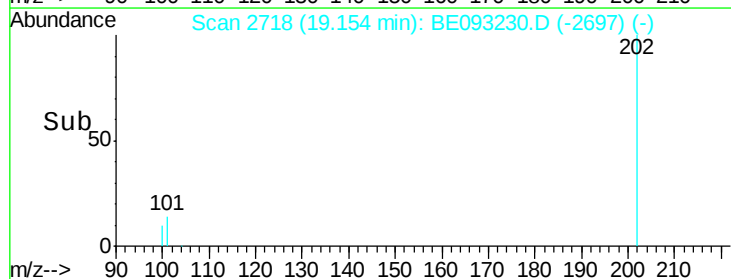
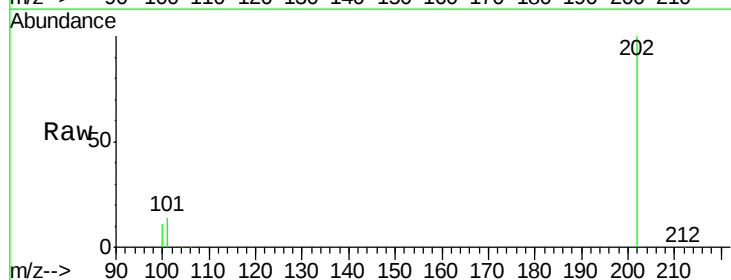
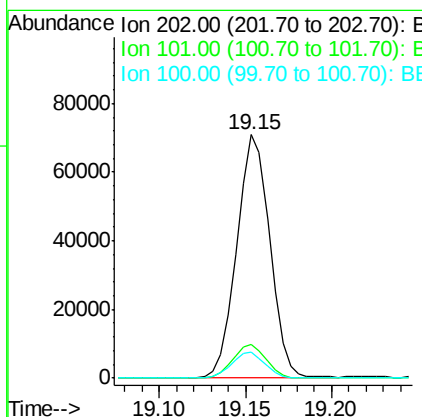
RT: 19.15 min Scan# 2718

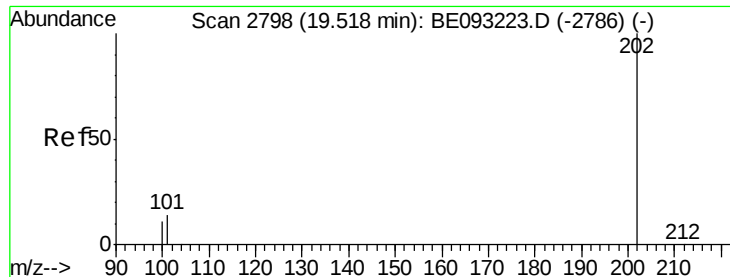
Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion:	202	Resp:	94003
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	30.3
100	10.6	0.0	39.5





#17

Pyrene

Concen: 1.663 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

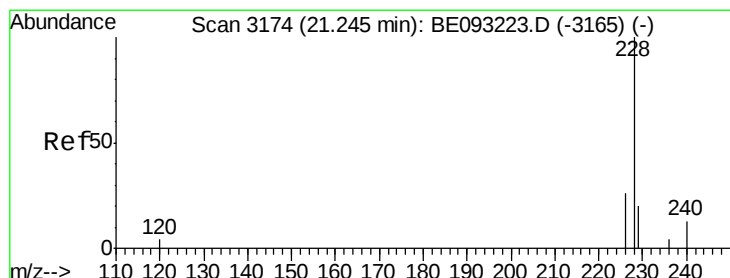
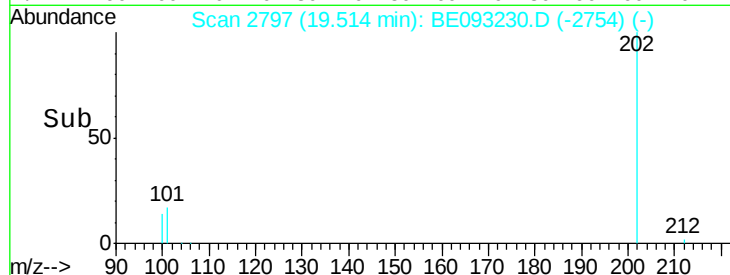
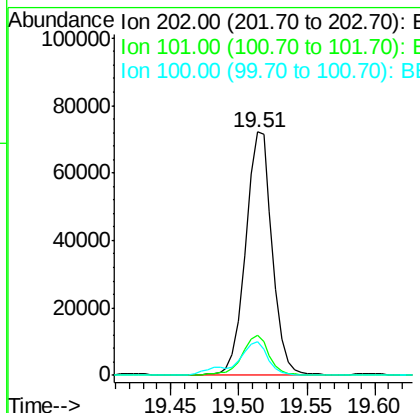
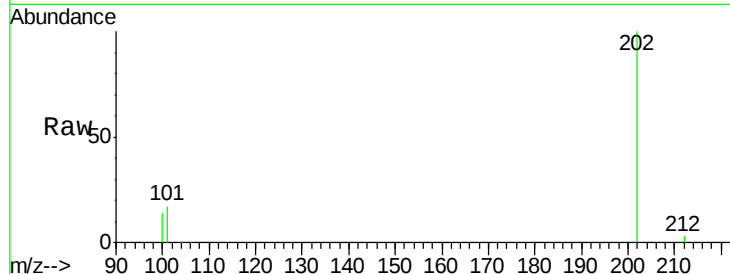
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Tgt Ion:	202	Resp:	97226
Ion Ratio	Lower	Upper	
202	100		
101	16.7	18.2	27.4#
100	13.8	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.393 ng/ul

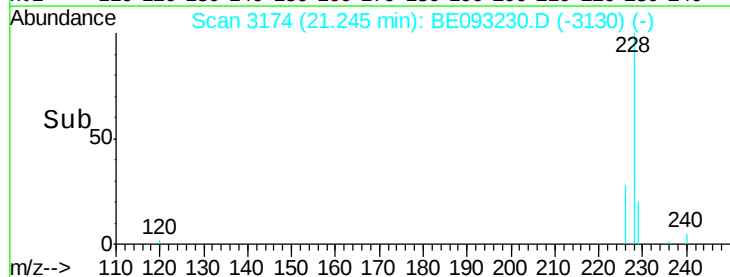
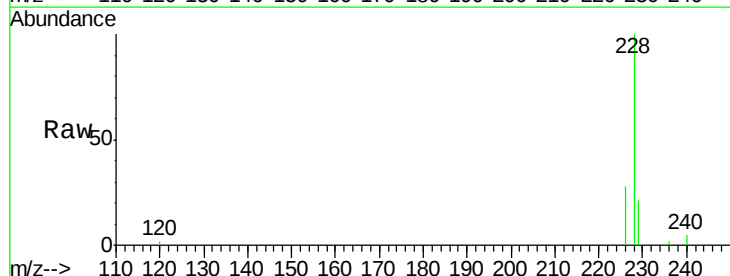
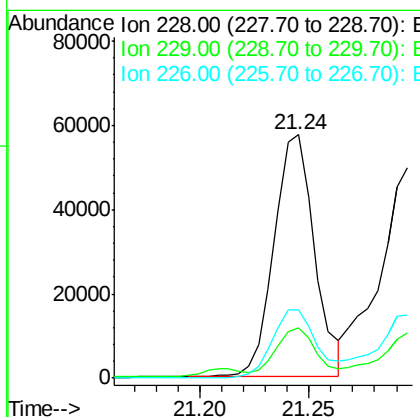
RT: 21.24 min Scan# 3174

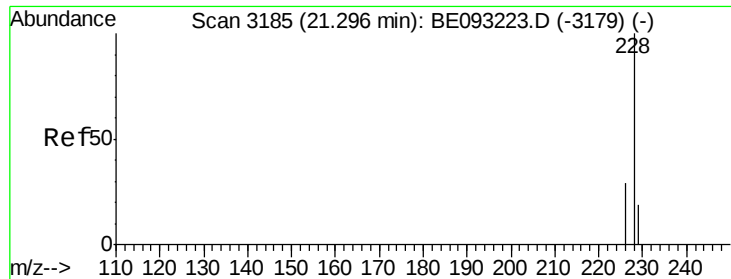
Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion:	228	Resp:	73658
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	27.9	17.0	25.6#





#19

Chrysene

Concen: 1.355 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

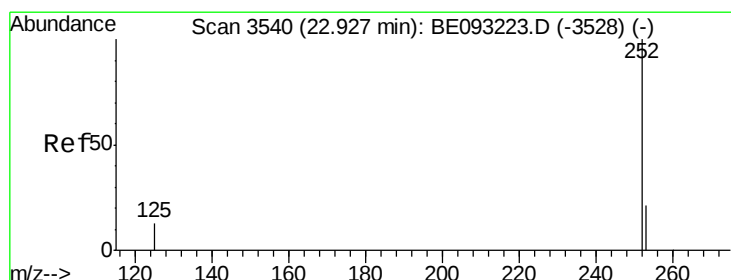
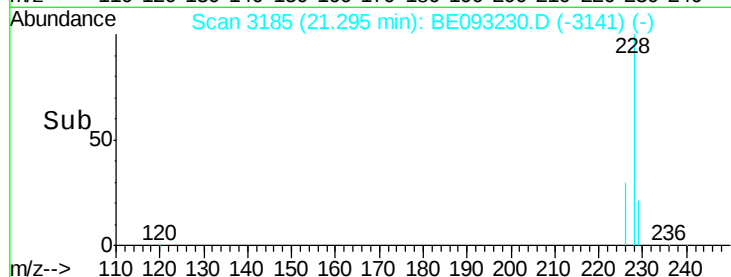
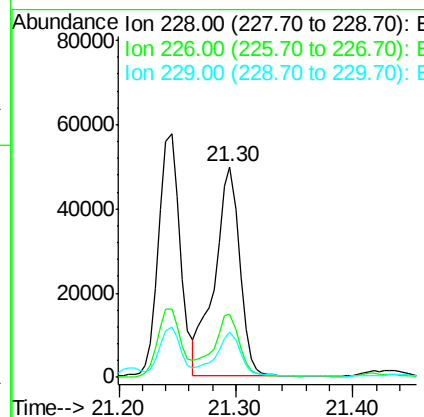
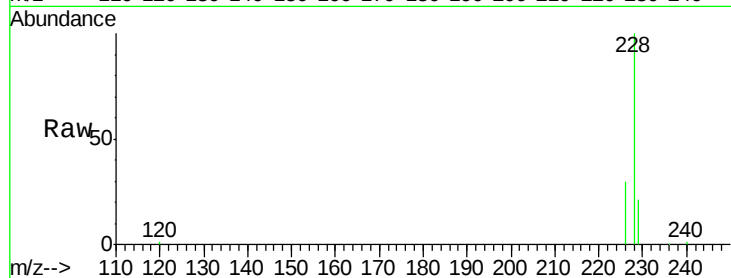
ClientSampleId :

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Tgt Ion:	228	Resp:	74325
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.4	35.0
229	21.2	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.586 ng/ul m

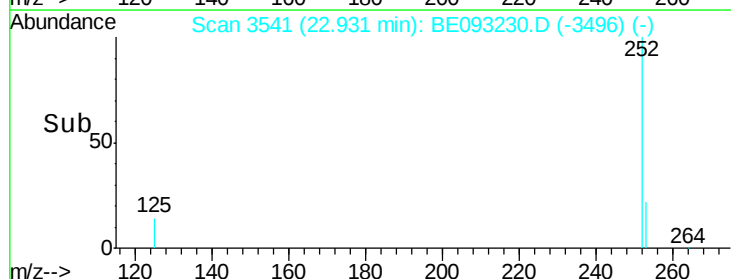
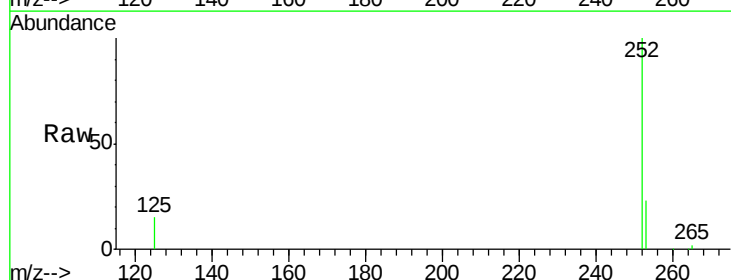
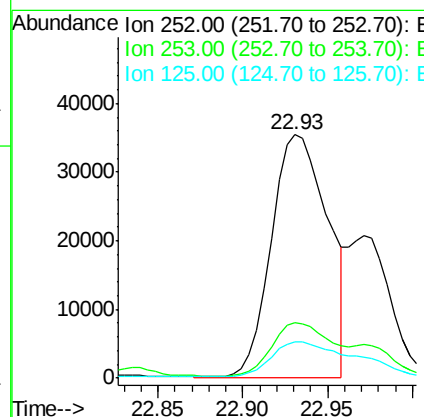
RT: 22.93 min Scan# 3541

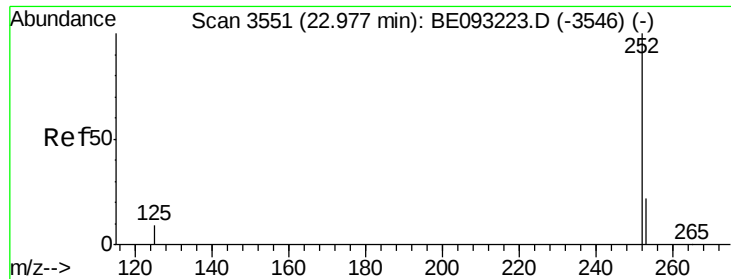
Delta R.T. 0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion:	252	Resp:	83177
Ion Ratio	Lower	Upper	
252	100		
253	22.9	0.0	64.2
125	14.7	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.664 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Instrument :

BNA_E

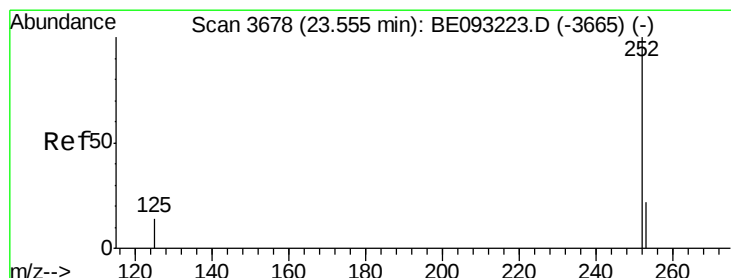
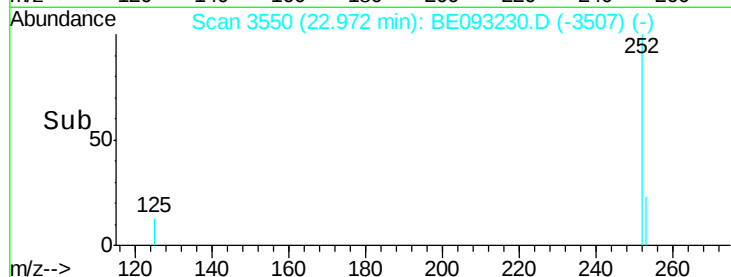
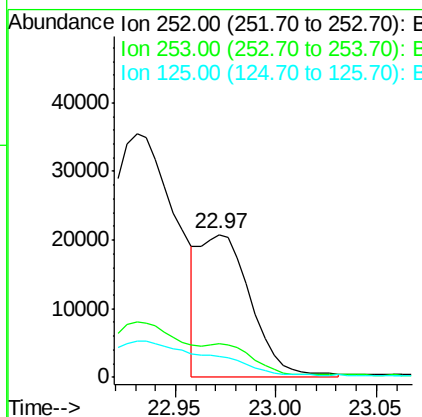
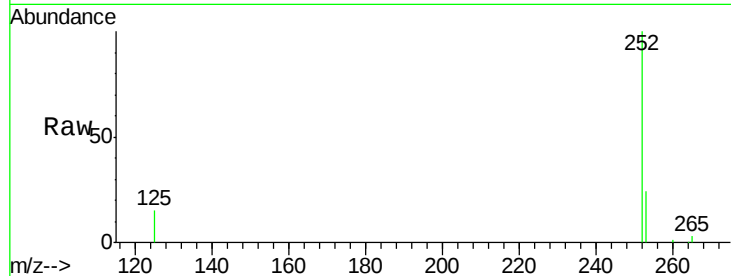
ClientSampleId :

F5B94DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	36980		
253	24.1	24.5	36.7#	
125	14.8	13.7	20.5	

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#23

Benzo(a)pyrene

Concen: 0.780 ng/ul

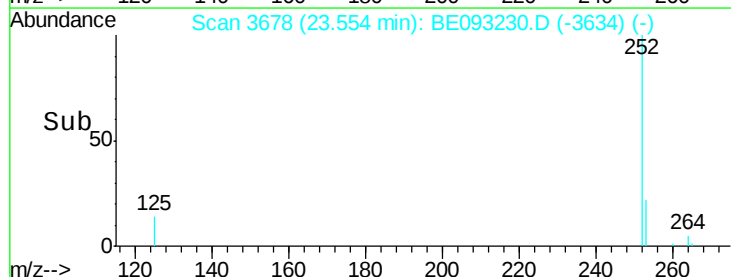
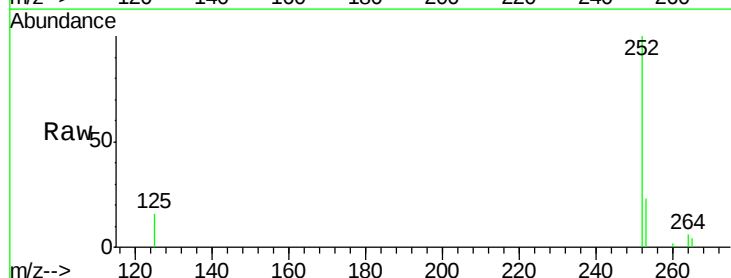
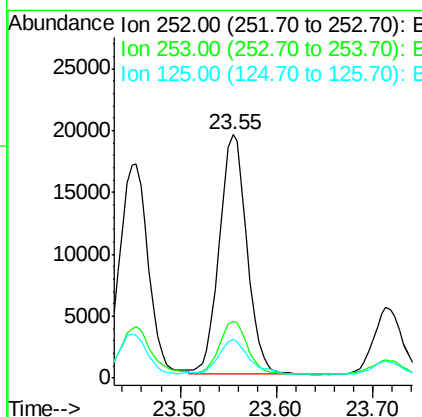
RT: 23.55 min Scan# 3678

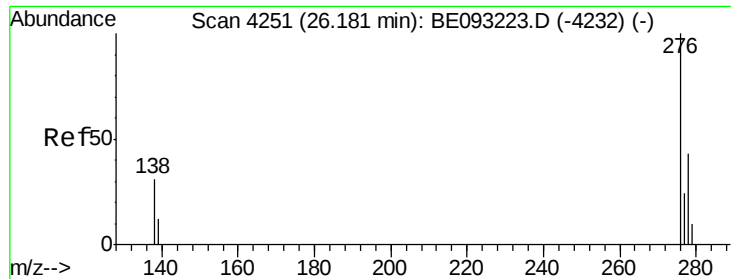
Delta R.T. -0.00 min

Lab File: BE093230.D

Acq: 16 Jun 2017 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38661		
253	23.4	28.5	42.7#	
125	15.8	18.1	27.1#	





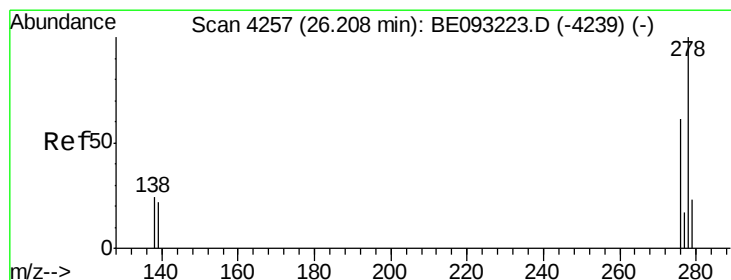
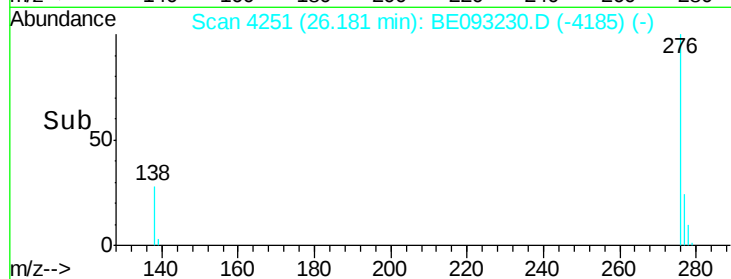
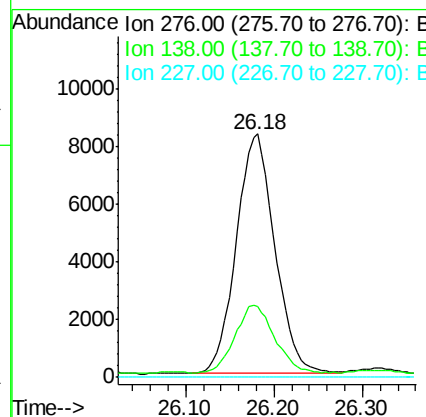
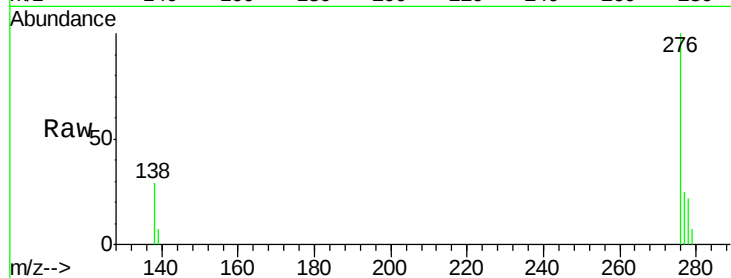
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.437 ng/u1
 RT: 26.18 min Scan# 4251
 Delta R.T. 0.00 min
 Lab File: BE093230.D
 Acq: 16 Jun 2017 4:32

Instrument :
 BNA_E
 ClientSampleId :
 F5B94DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	28.0	42.0
227	0.0	8.0	12.0

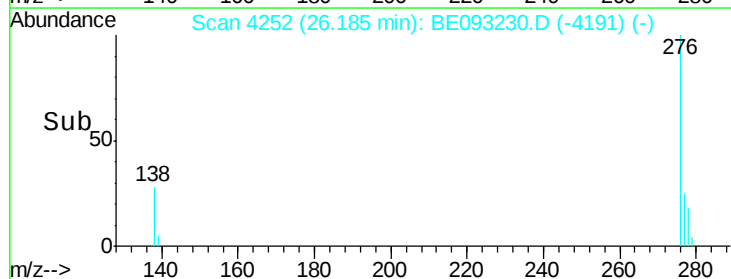
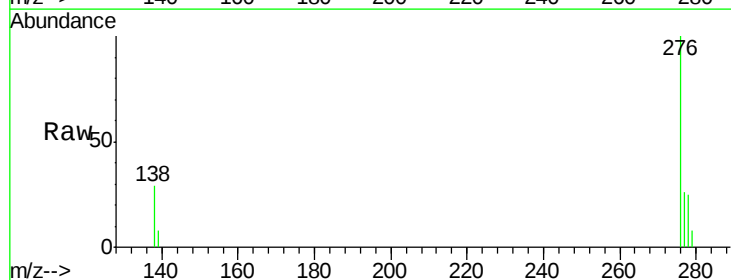
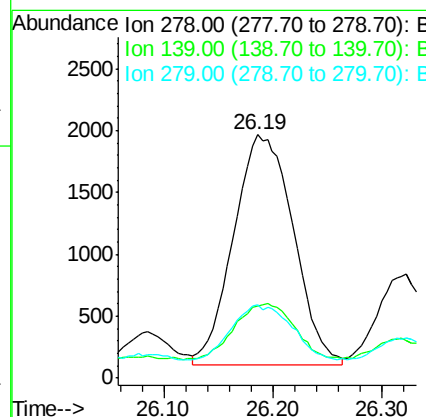
Manual Integrations
 APPROVED

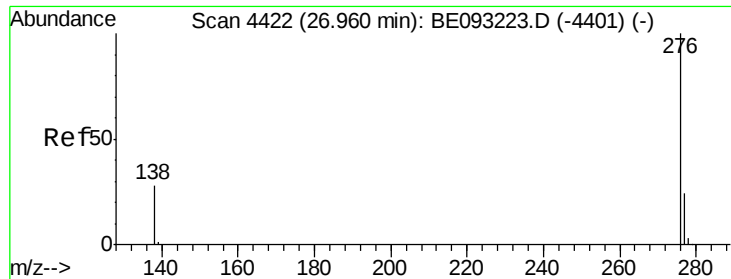
mohammad
 6/19/2017 11:07:27 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.146 ng/u1
 RT: 26.19 min Scan# 4252
 Delta R.T. -0.02 min
 Lab File: BE093230.D
 Acq: 16 Jun 2017 4:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.6	17.4	26.0
279	29.9	25.9	38.9





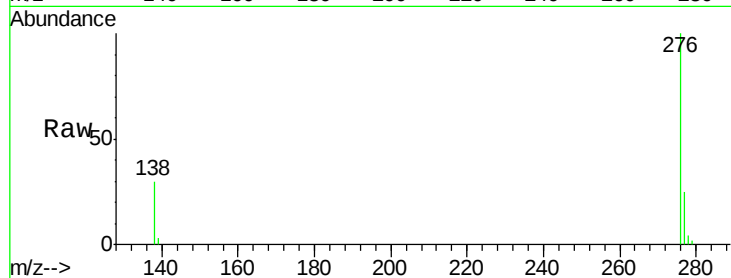
#26
Benzo(g,h,i)perylene
Concen: 0.376 ng/ul
RT: 26.96 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093230.D
Acq: 16 Jun 2017 4:32

Instrument :
BNA_E
ClientSampleId :
F5B94DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	18528		
138	30.5	21.8	32.8	
277	24.6	20.5	30.7	

Manual Integrations
APPROVED

mohammad
6/19/2017 11:07:27 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

