

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
 Data File : BE093294.D
 Acq On : 20 Jun 2017 22:51
 Operator : SJ/JU
 Sample : I3625-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A02

Manual Integrations
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mohammad
 6/21/2017 12:19:00 PM

Quant Time: Jun 21 03:59:18 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 03:23:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9287	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5819	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	14051	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	14148	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	14369	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2090	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	5865	0.15	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.56	128	3065	0.133	ng/ul#	95
5) 2-Methylnaphthalene	12.18	142	669	0.042	ng/ul	97
7) Acenaphthylene	14.08	152	7074	0.283	ng/ul	97
8) Acenaphthene	14.42	153	1014	0.050	ng/ul	96
9) Fluorene	15.42	166	1149	0.049	ng/ul	90
12) Phenanthrene	17.14	178	15155	0.392	ng/ul#	89
13) Anthracene	17.22	178	9909	0.294	ng/ul#	89
15) Fluoranthene	19.15	202	65215	1.376	ng/ul	83
17) Pyrene	19.51	202	85152	2.041	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	45059	1.194	ng/ul#	85
19) Chrysene	21.29	228	54148	1.383	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	84449m	1.937	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	31100m	0.672	ng/ul	
23) Benzo(a)pyrene	23.56	252	46933	1.138	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	29426	0.616	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	7785	0.194	ng/ul#	88
26) Benzo(g,h,i)perylene	26.95	276	20346	0.497	ng/ul	96

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

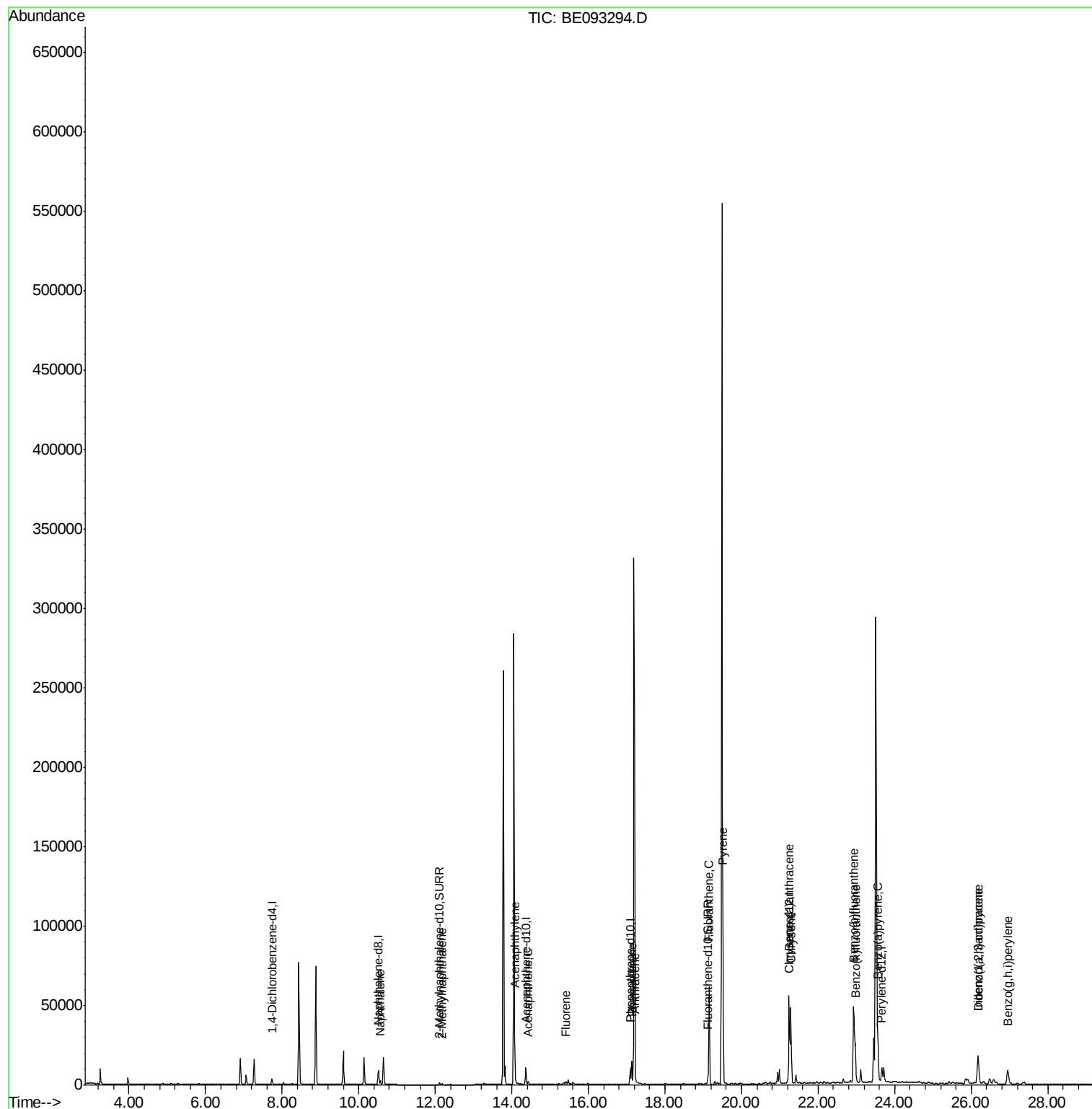
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\
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#3

Naphthalene

Concen: 0.133 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

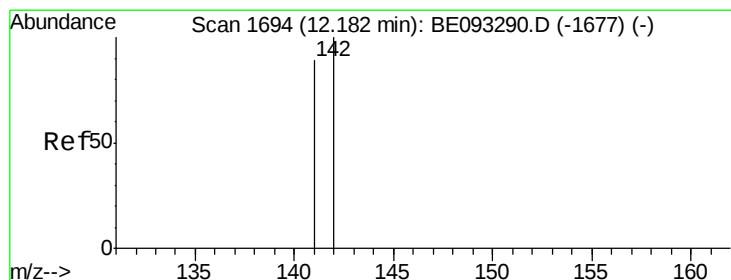
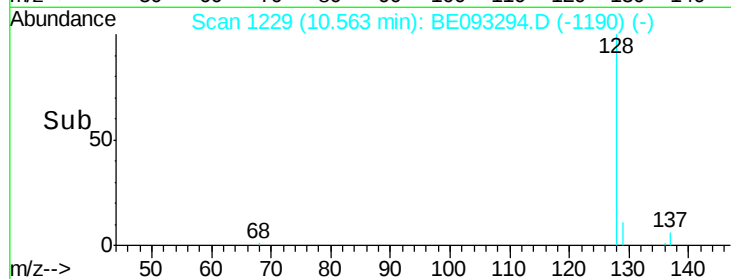
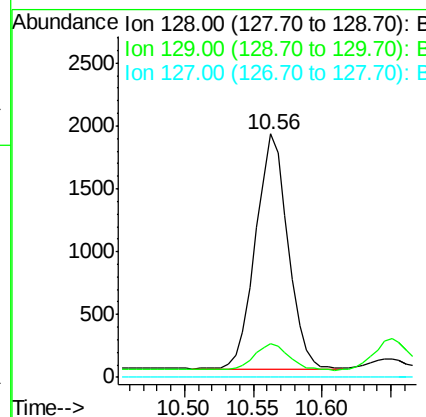
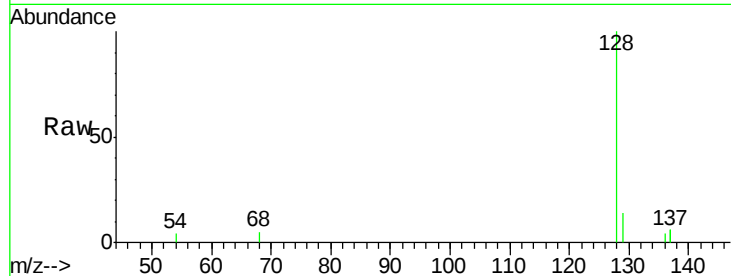
ClientSampleId :

F5A02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

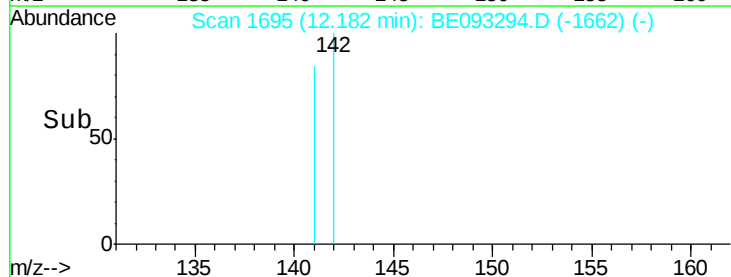
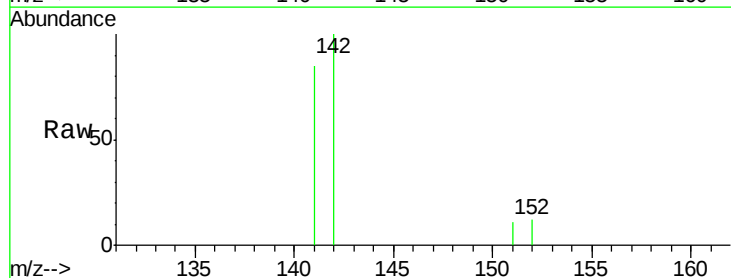
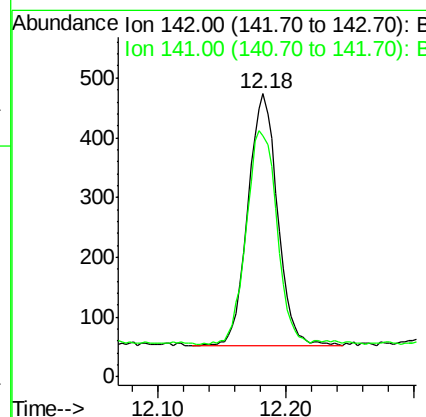
RT: 12.18 min Scan# 1695

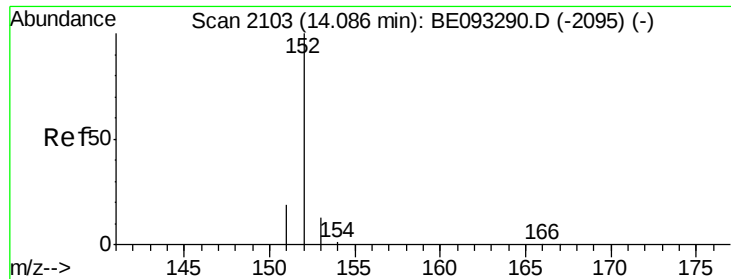
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	108.8





#7

Acenaphthylene

Concen: 0.283 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

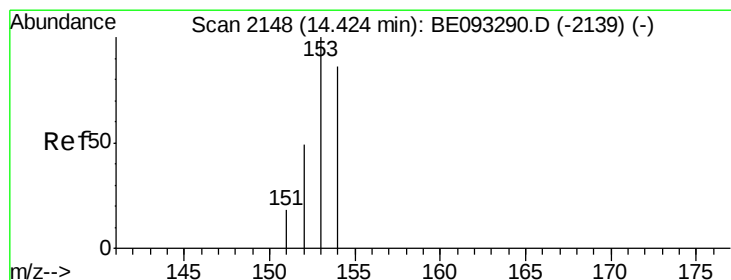
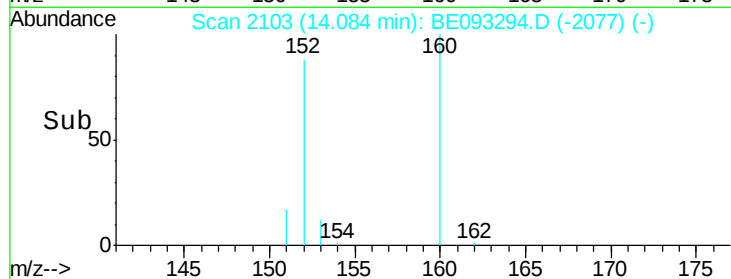
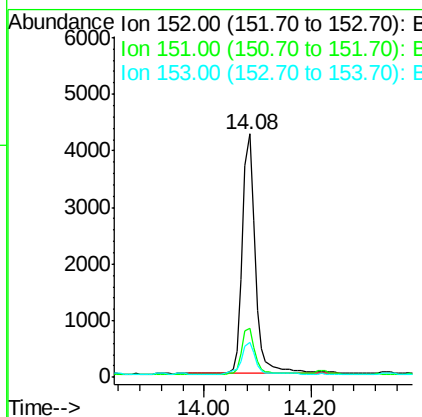
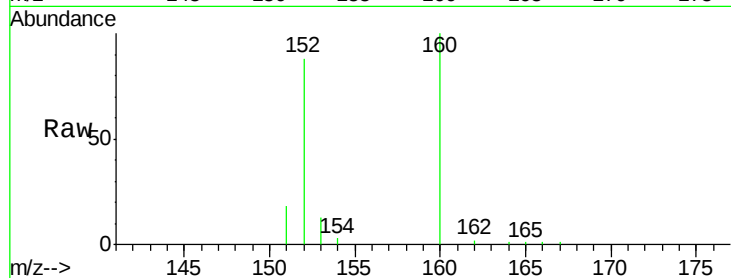
ClientSampleId :

F5A02

Tgt Ion:	152	Resp:	7074
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.1	25.7
153	14.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.050 ng/ul

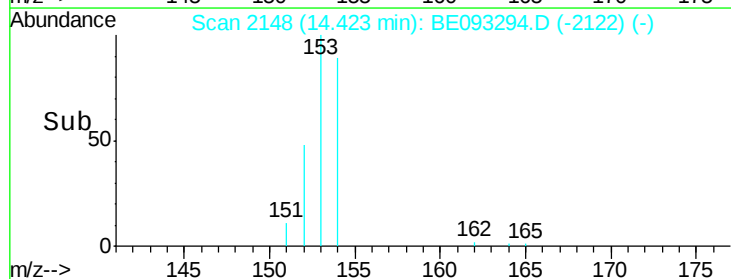
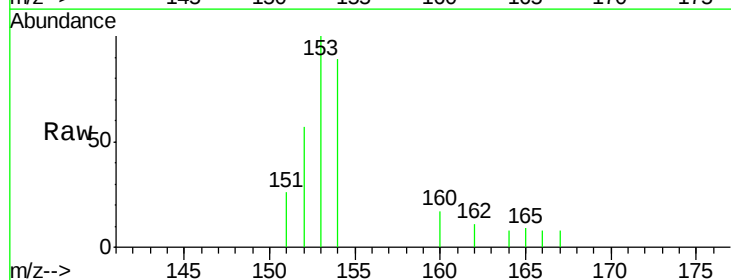
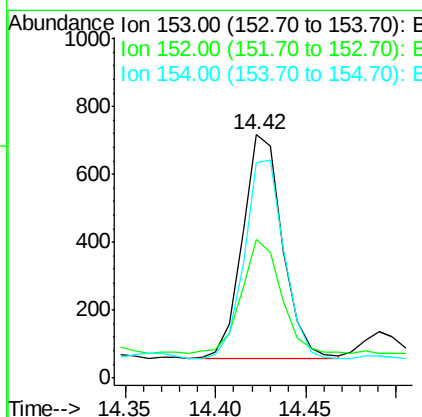
RT: 14.42 min Scan# 2148

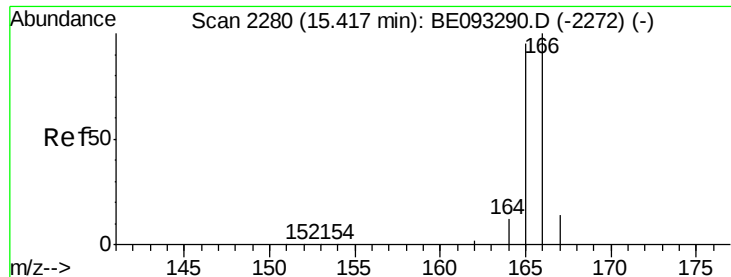
Delta R.T. -0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion:	153	Resp:	1014
Ion Ratio	Lower	Upper	
153	100		
152	56.9	40.3	60.5
154	88.6	71.4	107.2





#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

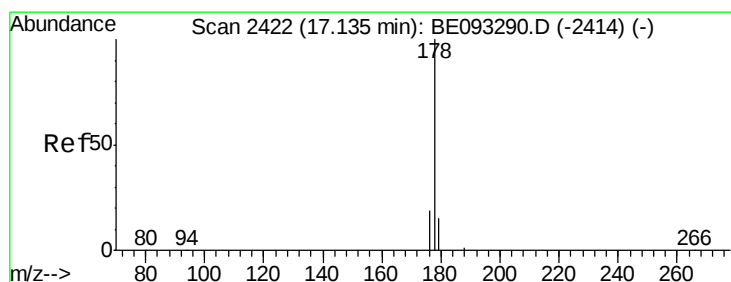
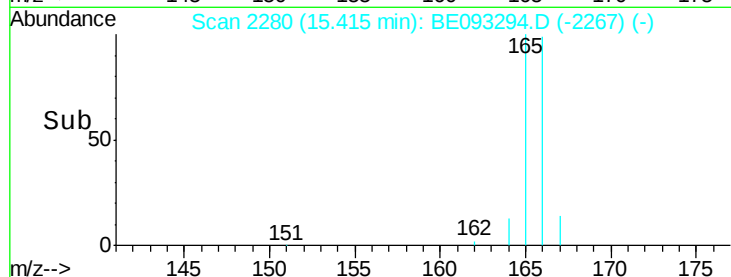
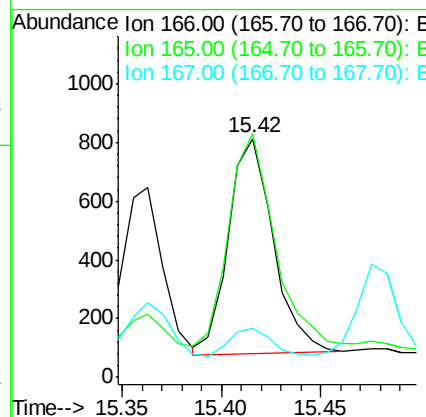
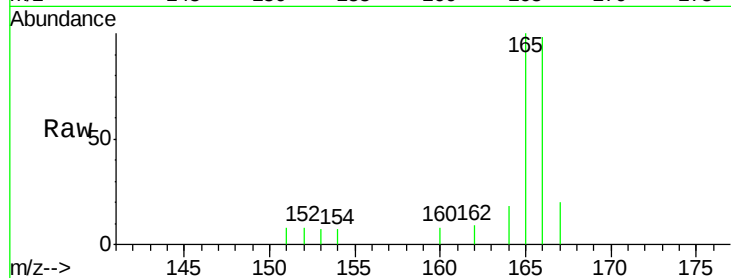
ClientSampleId :

F5A02

Tgt Ion:	166	Resp:	1149
Ion Ratio	Lower	Upper	
166	100		
165	102.0	73.4	110.2
167	20.5	14.6	22.0

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#12

Phenanthrene

Concen: 0.392 ng/ul

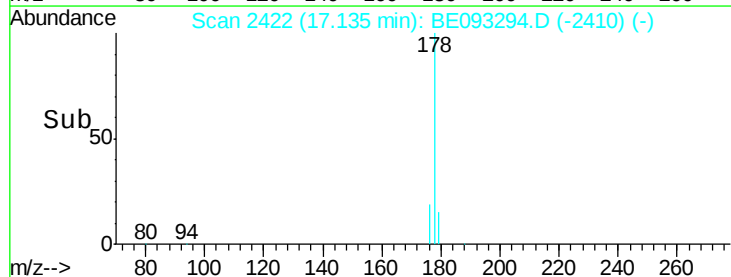
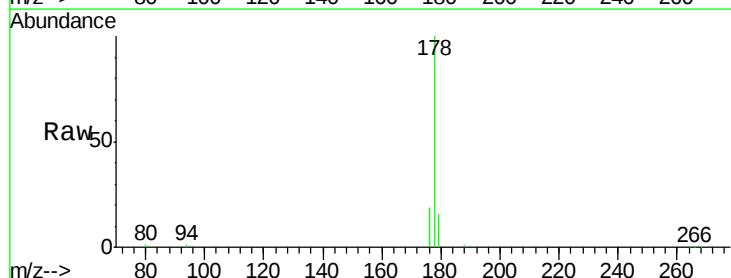
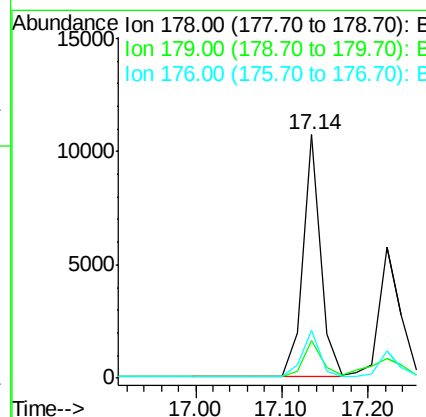
RT: 17.14 min Scan# 2422

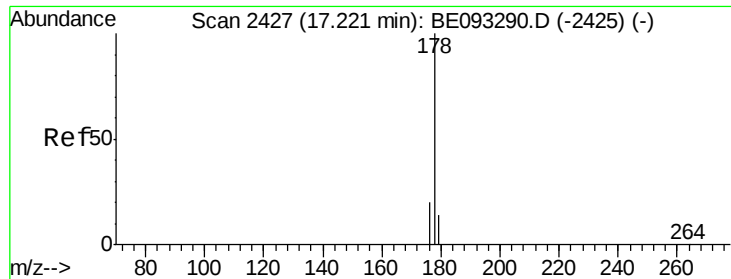
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion:	178	Resp:	15155
Ion Ratio	Lower	Upper	
178	100		
179	15.7	18.4	27.6#
176	19.4	13.6	20.4





#13

Anthracene

Concen: 0.294 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

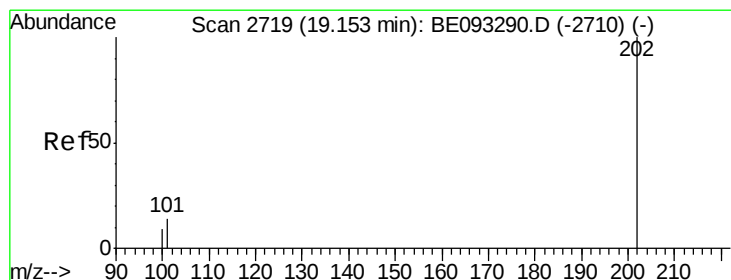
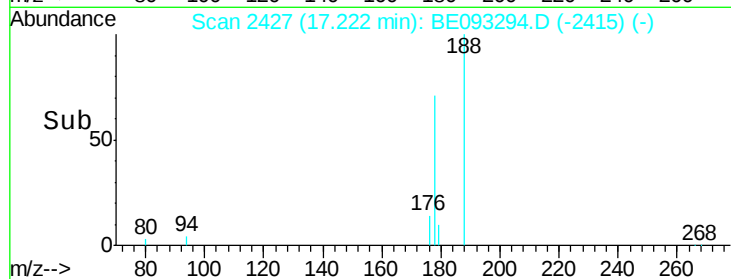
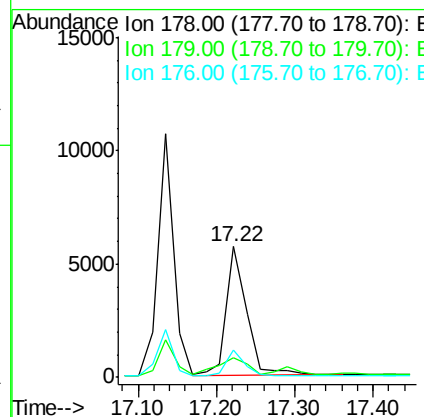
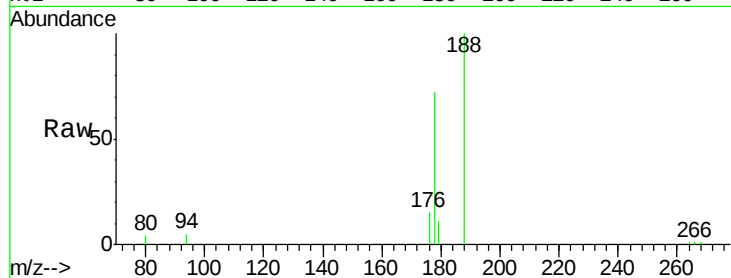
ClientSampleId :

F5A02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	21.0	14.7	22.1

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#15

Fluoranthene

Concen: 1.376 ng/ul

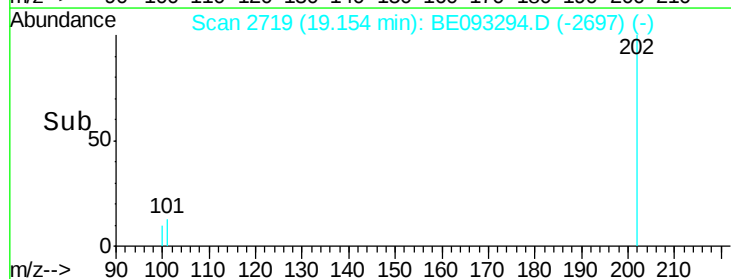
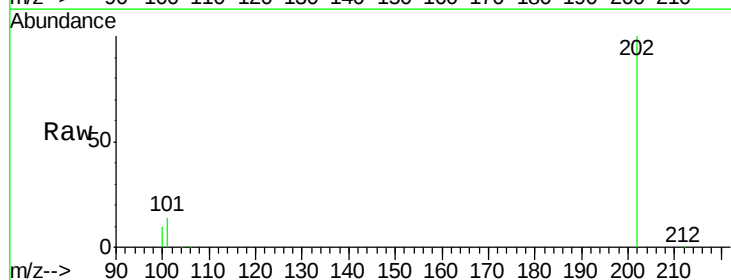
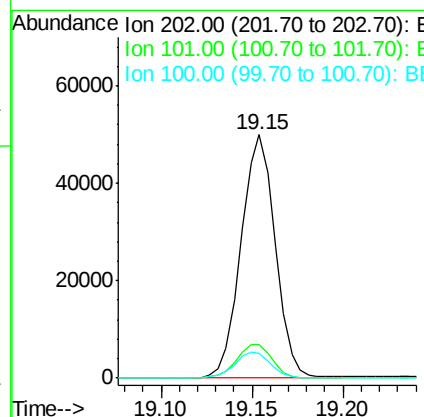
RT: 19.15 min Scan# 2719

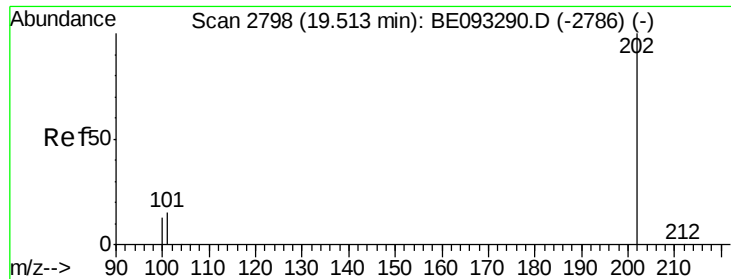
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	30.3
100	10.2	0.0	39.5





#17

Pyrene

Concen: 2.041 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

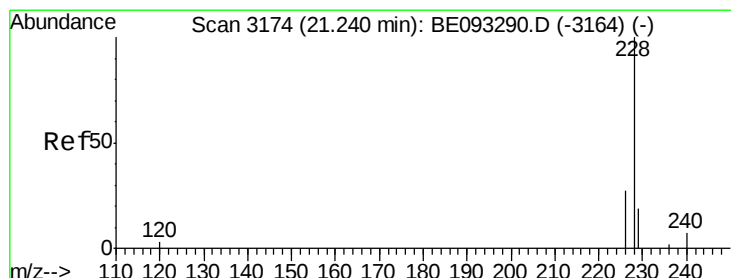
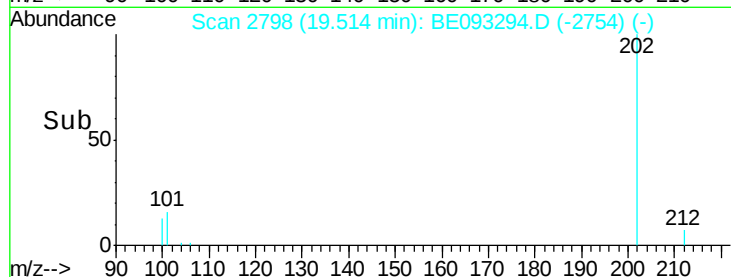
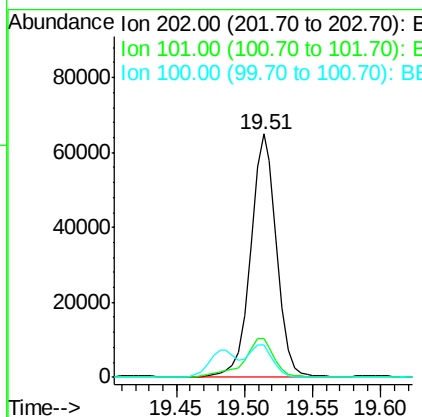
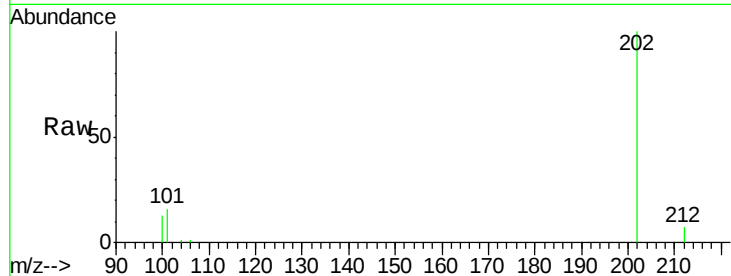
ClientSampleId :

F5A02

Tgt Ion:	202	Resp:	85152
Ion Ratio	Lower	Upper	
202	100		
101	16.1	18.2	27.4#
100	13.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.194 ng/ul

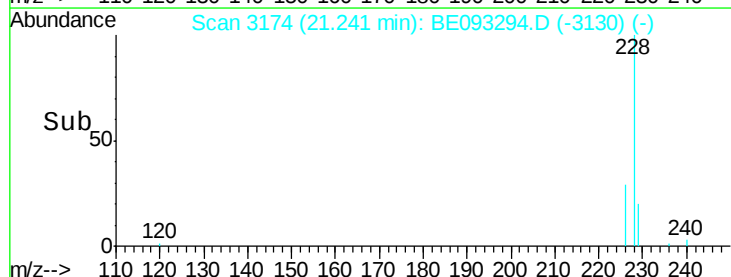
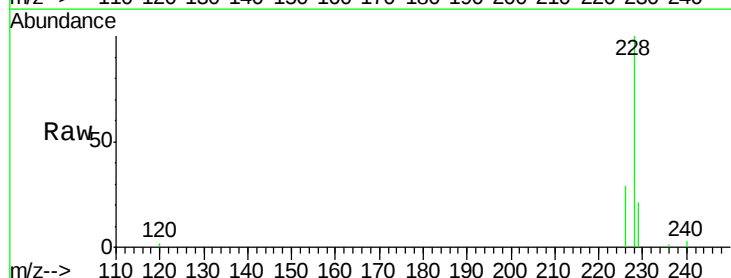
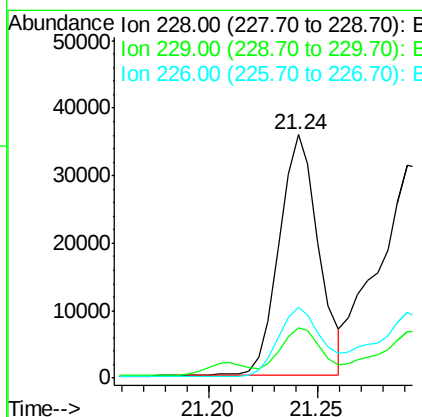
RT: 21.24 min Scan# 3174

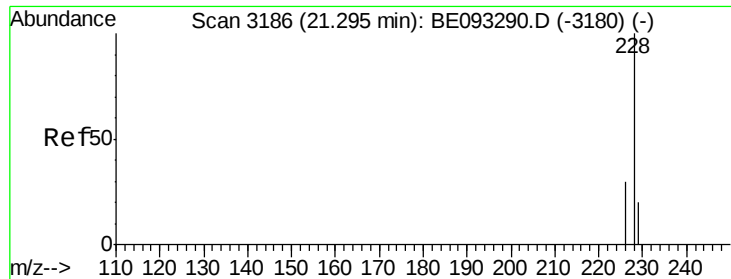
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion:	228	Resp:	45059
Ion Ratio	Lower	Upper	
228	100		
229	20.8	22.8	34.2#
226	29.0	17.0	25.6#





#19

Chrysene

Concen: 1.383 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

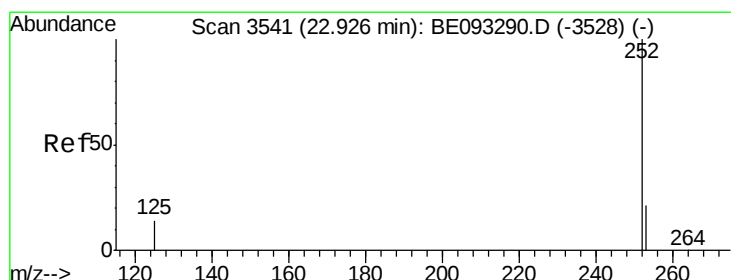
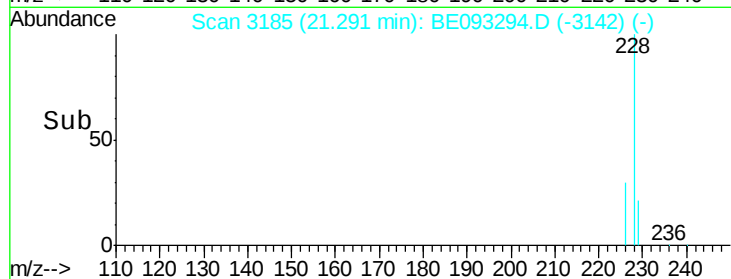
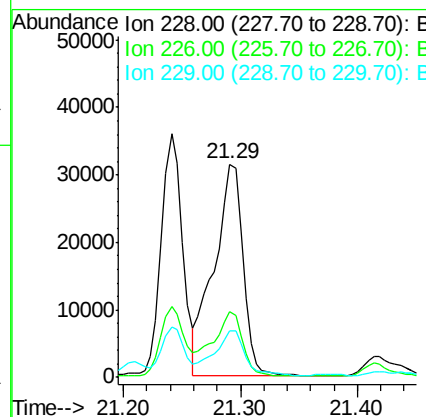
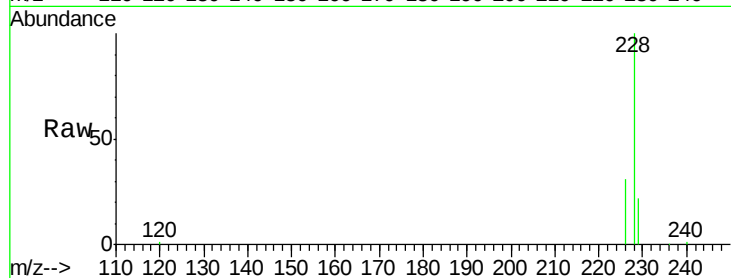
ClientSampleId :

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Tgt Ion:	228	Resp:	54148
Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	21.7	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 1.937 ng/ul m

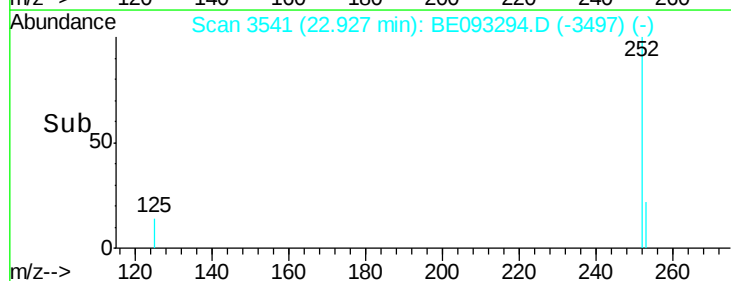
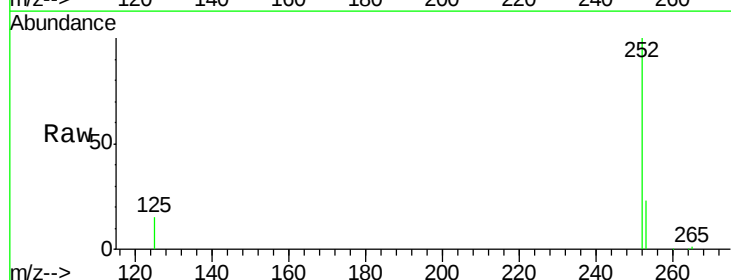
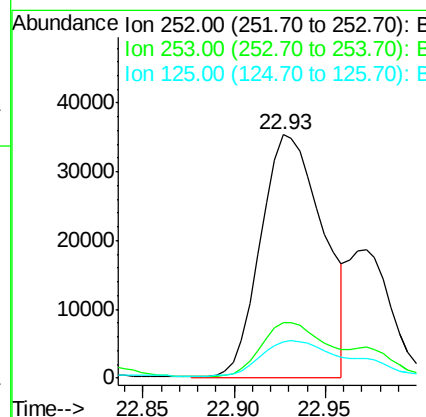
RT: 22.93 min Scan# 3541

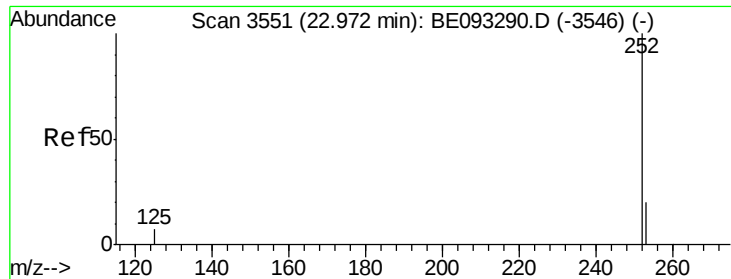
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion:	252	Resp:	84449
Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	64.2
125	14.8	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.672 ng/ul m

RT: 22.97 min Scan# 3551

Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Instrument :

BNA_E

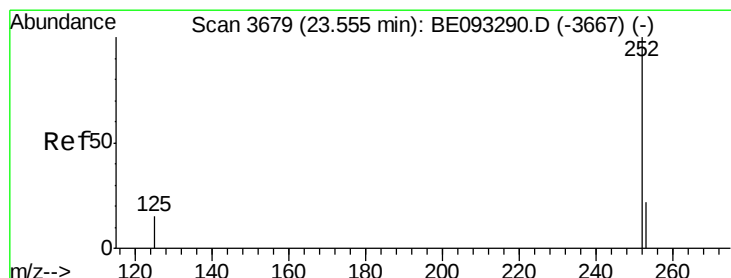
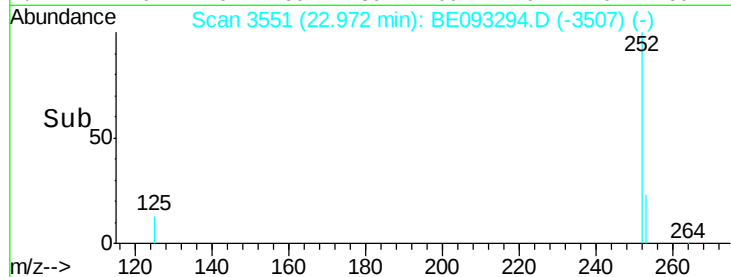
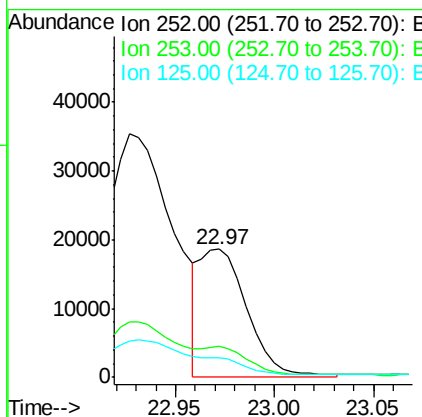
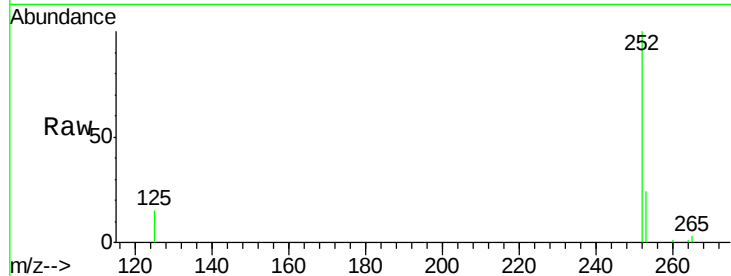
ClientSampleId :

F5A02

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

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#23

Benzo(a)pyrene

Concen: 1.138 ng/ul

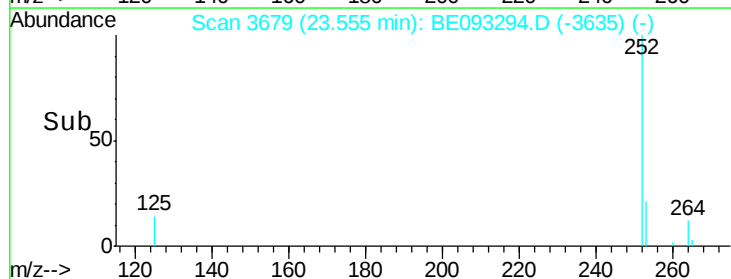
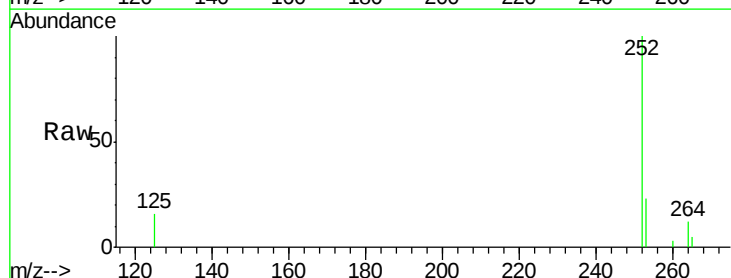
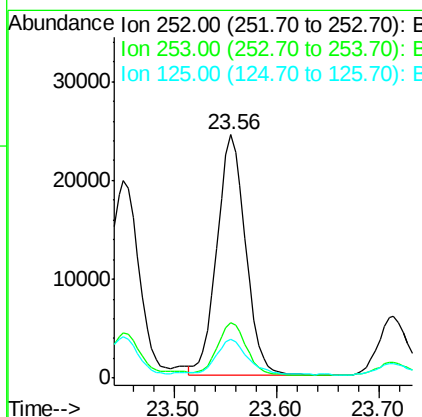
RT: 23.56 min Scan# 3679

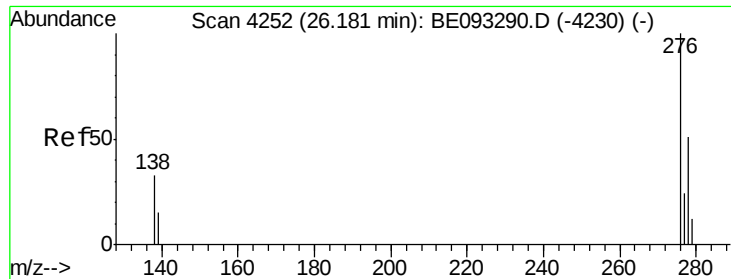
Delta R.T. 0.00 min

Lab File: BE093294.D

Acq: 20 Jun 2017 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	28.5	42.7#
125	15.9	18.1	27.1#





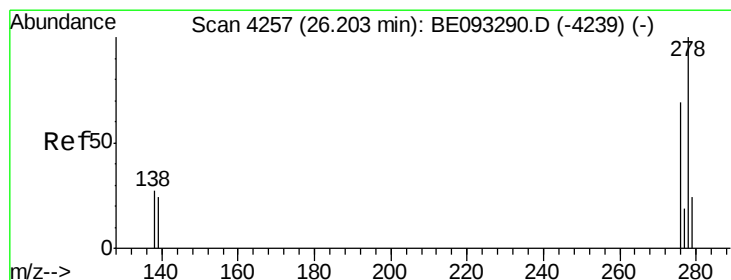
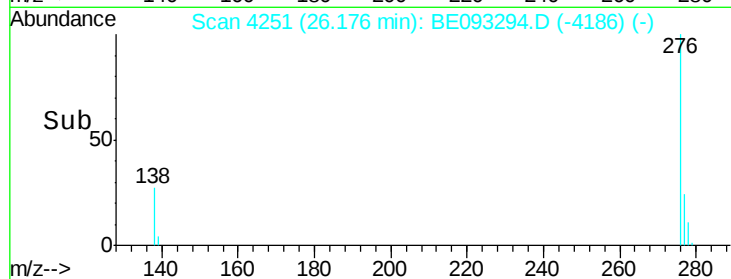
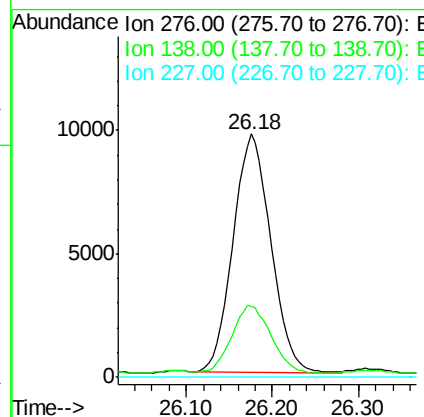
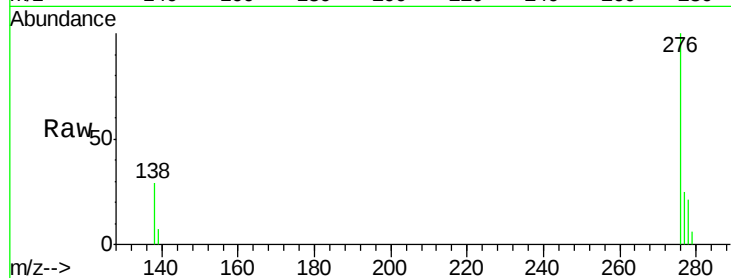
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.616 ng/u1
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093294.D
 Acq: 20 Jun 2017 22:51

Instrument :
 BNA_E
 ClientSampled :
 F5A02

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.9	28.0	42.0
227	0.0	8.0	12.0

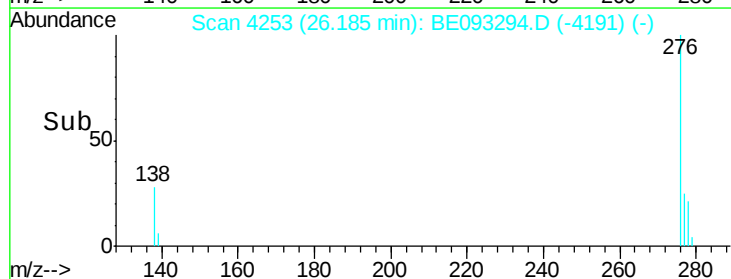
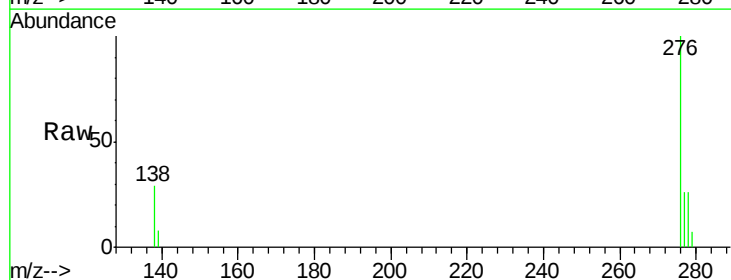
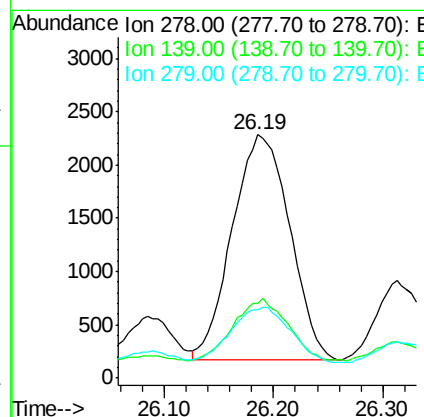
Manual Integrations
 APPROVED

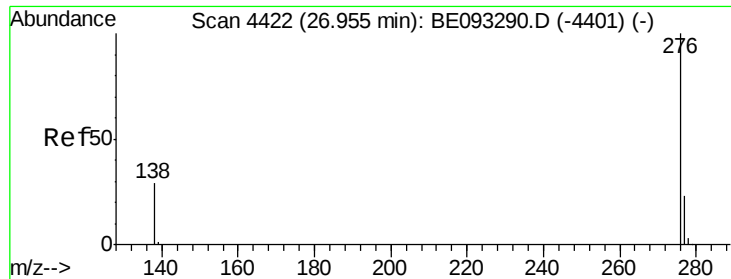
mohammad
 6/21/2017 12:19:00 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.194 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.02 min
 Lab File: BE093294.D
 Acq: 20 Jun 2017 22:51

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	30.4	17.4	26.0
279	28.1	25.9	38.9





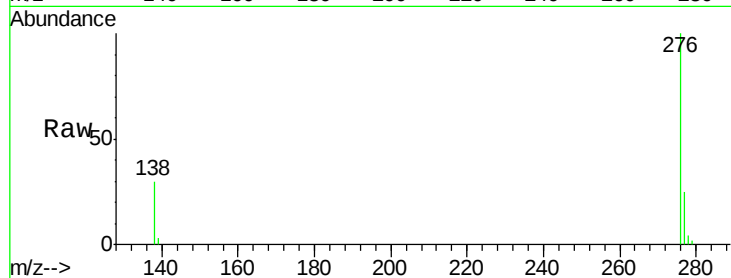
#26
Benzo(g,h,i)perylene
Concen: 0.497 ng/ul
RT: 26.95 min Scan# 4421
Delta R.T. -0.00 min
Lab File: BE093294.D
Acq: 20 Jun 2017 22:51

Instrument :
BNA_E
ClientSampleId :
F5A02

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.4	21.8	32.8
277	25.0	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/21/2017 12:19:00 PM



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

