

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
 Data File : BE093367.D
 Acq On : 24 Jun 2017 18:24
 Operator : SJ/JU
 Sample : I3627-12DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B42DL

Manual Integrations
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mohammad
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Quant Time: Jun 26 02:00:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 01:58:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4099	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	10378	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11979	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10188	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	310	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	918	0.03	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.56	128	1162	0.066	ng/ul#	90
5) 2-Methylnaphthalene	12.18	142	210	0.017	ng/ul	99
7) Acenaphthylene	14.08	152	11027	0.627	ng/ul	95
8) Acenaphthene	14.42	153	313	0.022	ng/ul#	87
9) Fluorene	15.42	166	418	0.025	ng/ul#	84
12) Phenanthrene	17.14	178	4777	0.167	ng/ul#	92
13) Anthracene	17.22	178	13438	0.541	ng/ul#	91
15) Fluoranthene	19.15	202	40772	1.164	ng/ul	83
17) Pyrene	19.51	202	98116	2.777	ng/ul#	88
18) Benzo(a)anthracene	21.24	228	45090	1.411	ng/ul#	85
19) Chrysene	21.29	228	70391	2.124	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	168447m	5.448	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	55753m	1.698	ng/ul	
23) Benzo(a)pyrene	23.55	252	97282	3.328	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.18	276	63141	1.865	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.19	278	17332	0.608	ng/ul	92
26) Benzo(g,h,i)perylene	26.95	276	47366	1.632	ng/ul	96

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

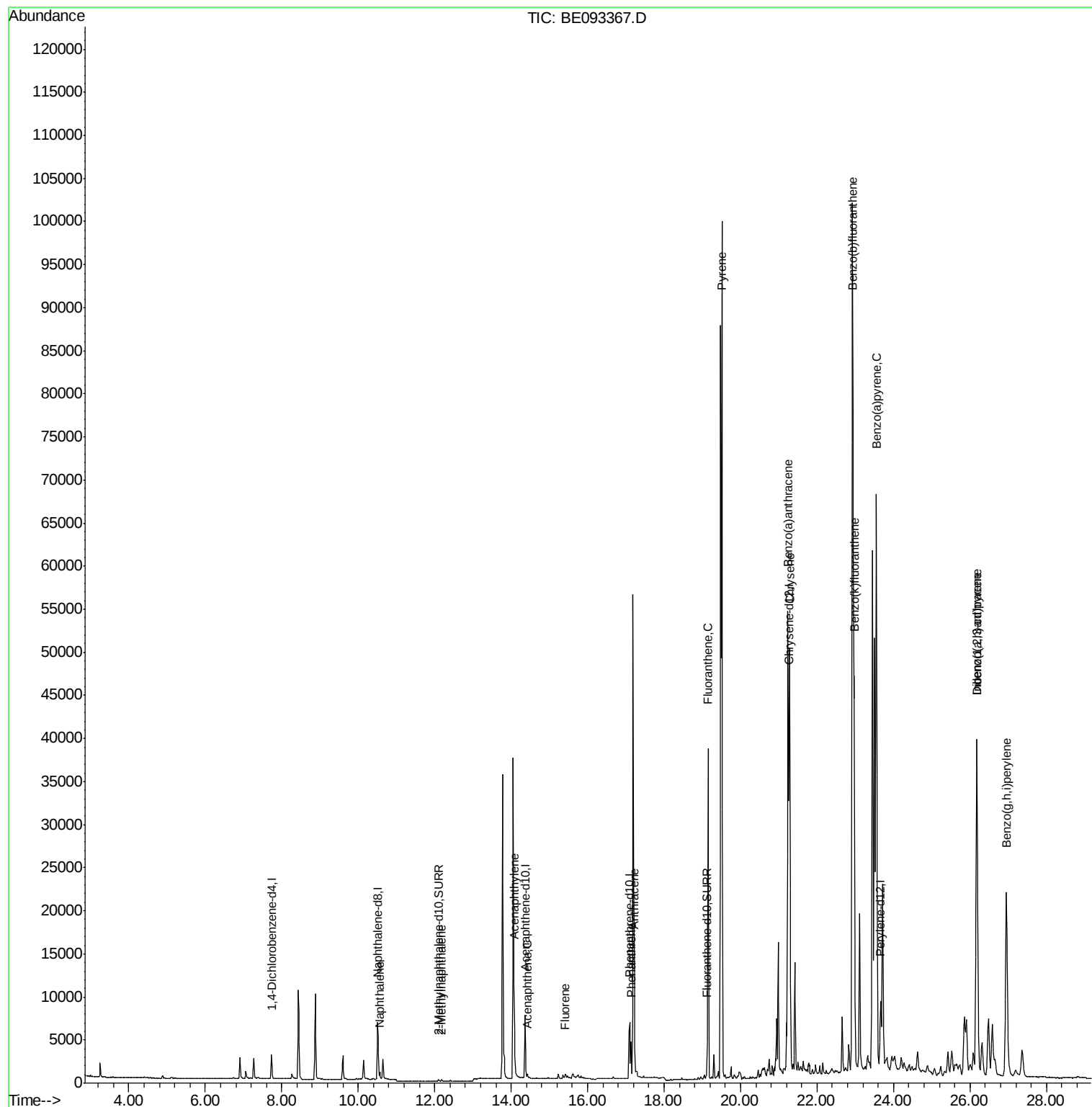
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062417\
Data File : BE093367.D
Acq On : 24 Jun 2017 18:24
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ALS Vial : 15 Sample Multiplier: 1

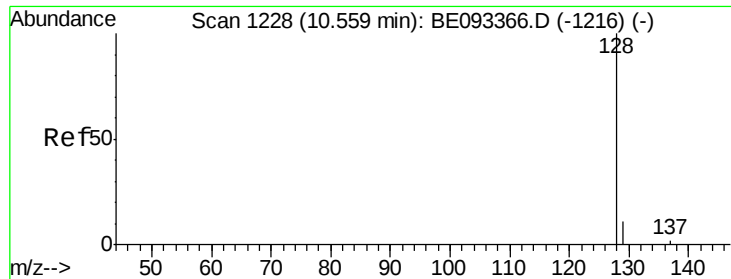
Instrument :
BNA_E
ClientSampled :
F5B42DL

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Quant Time: Jun 26 02:00:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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#3

Naphthalene

Concen: 0.066 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

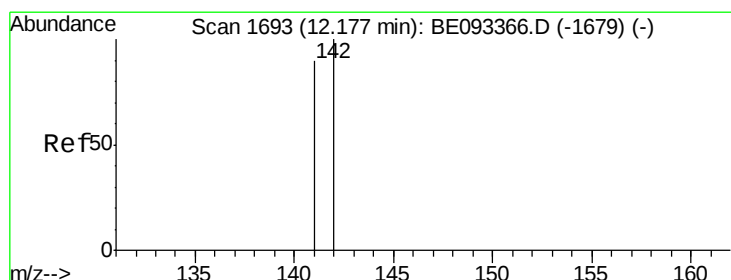
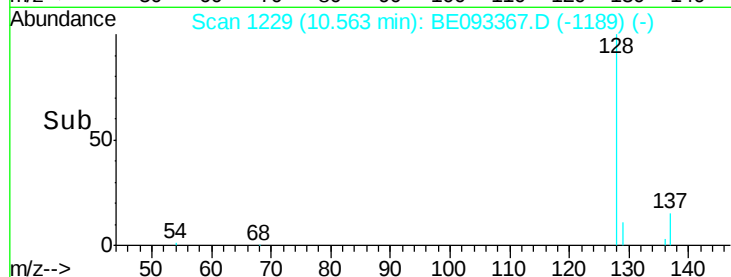
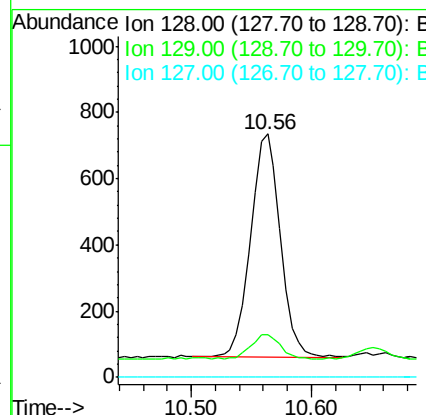
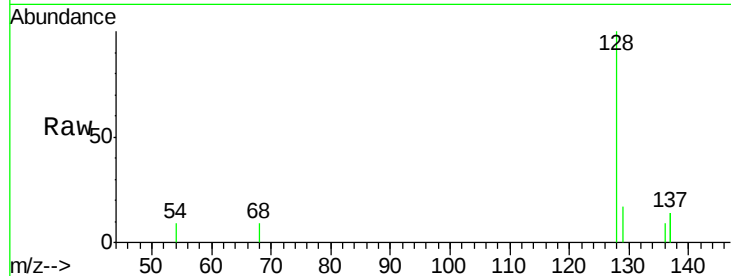
ClientSampleId :

F5B42DL

Tgt Ion:	128	Resp:	1162
Ion Ratio	Lower	Upper	
128	100		
129	17.4	11.3	16.9#
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.017 ng/ul

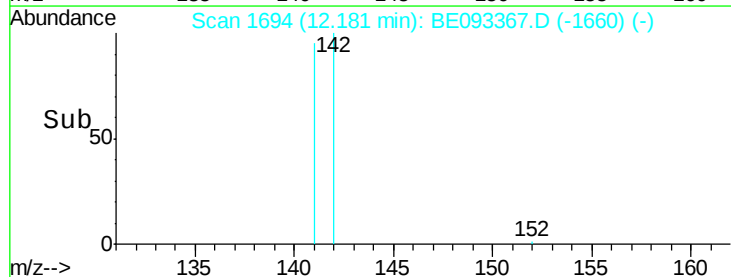
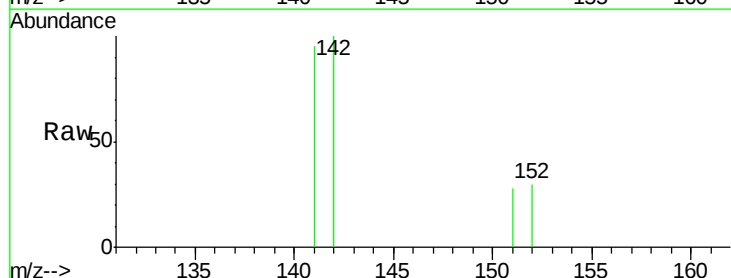
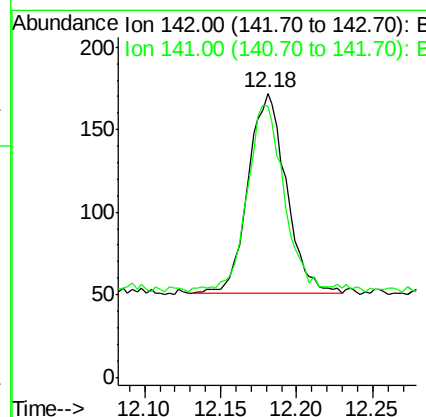
RT: 12.18 min Scan# 1694

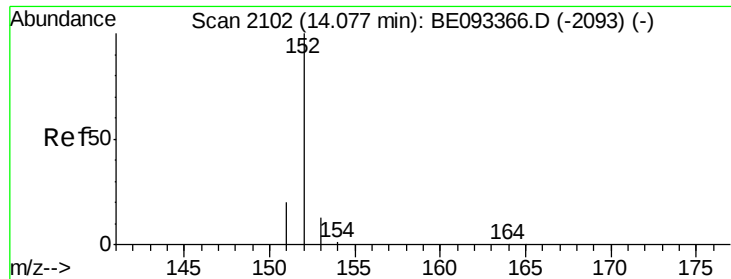
Delta R.T. 0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion:	142	Resp:	210
Ion Ratio	Lower	Upper	
142	100		
141	91.9	72.6	108.8





#7

Acenaphthylene

Concen: 0.627 ng/ul

RT: 14.08 min Scan# 2103

Delta R.T. 0.01 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

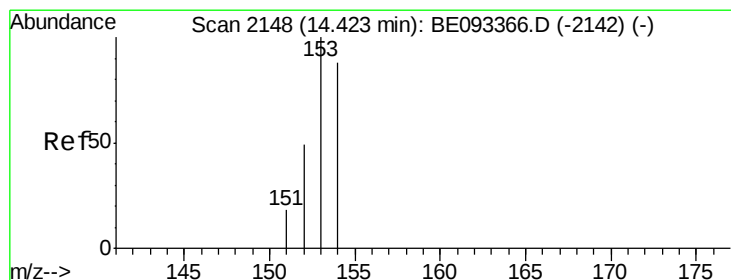
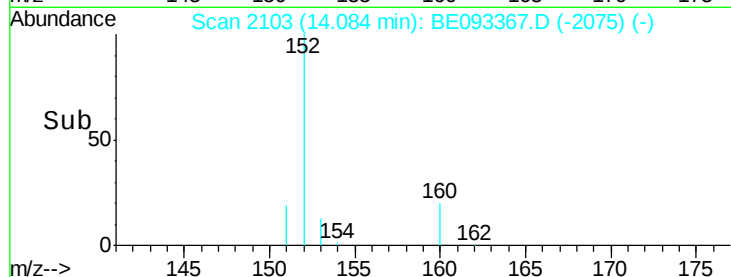
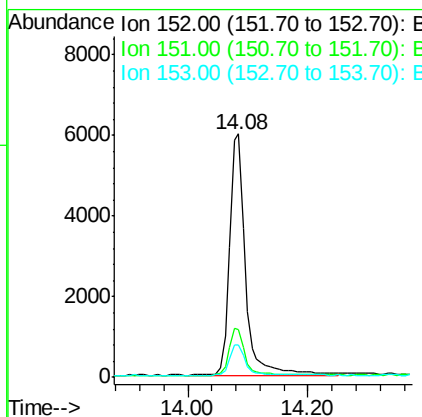
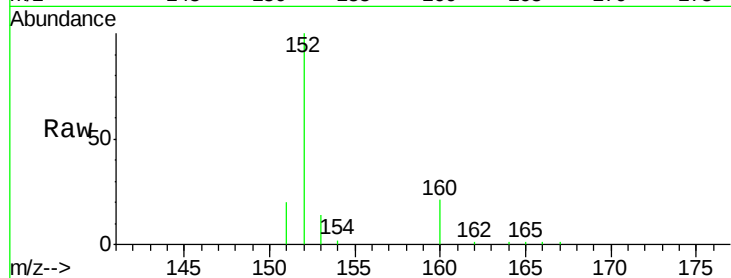
ClientSampleId :

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Tgt Ion:	152	Resp:	11027
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.1	25.7
153	13.6	12.8	19.2

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#8

Acenaphthene

Concen: 0.022 ng/ul

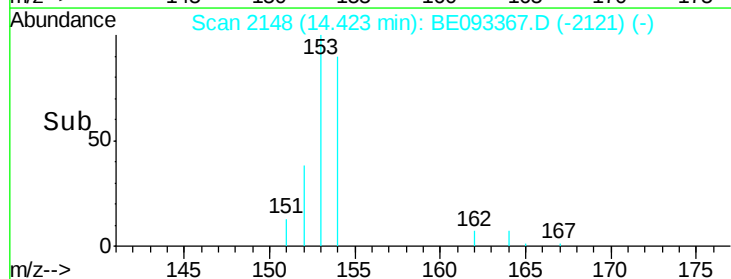
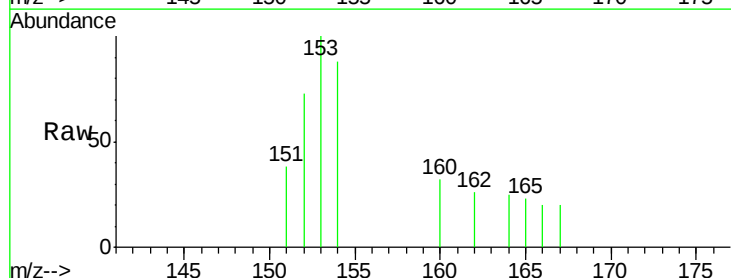
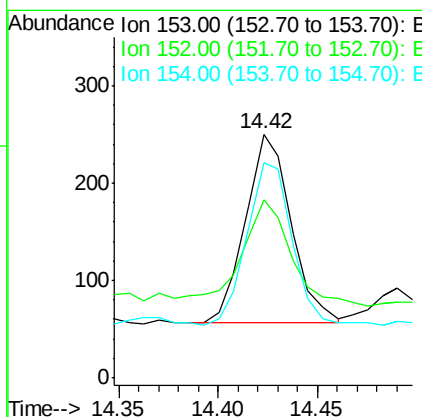
RT: 14.42 min Scan# 2148

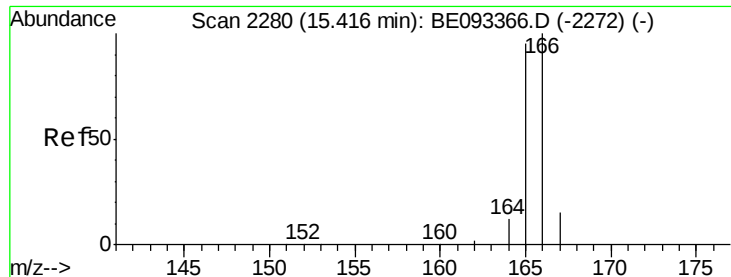
Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion:	153	Resp:	313
Ion Ratio	Lower	Upper	
153	100		
152	73.2	40.3	60.5#
154	88.4	71.4	107.2





#9

Fluorene

Concen: 0.025 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

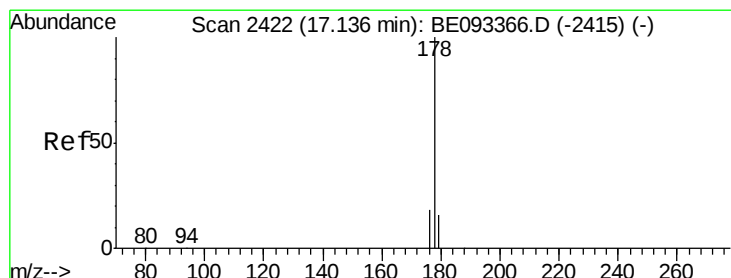
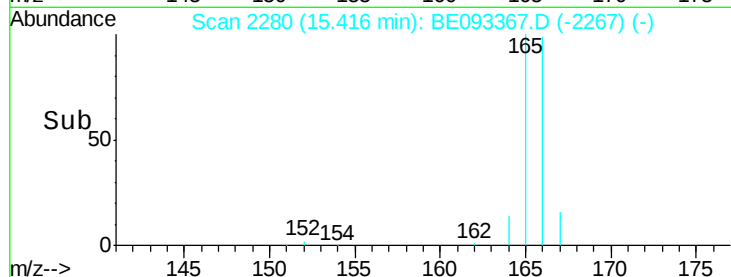
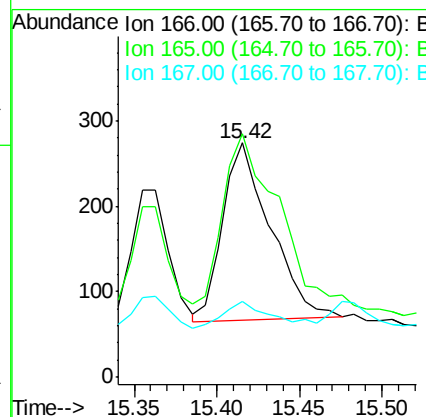
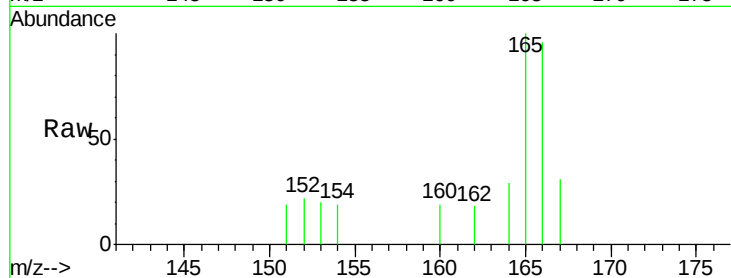
ClientSampleId :

F5B42DL

Tgt Ion:	166	Resp:	418
Ion Ratio	Lower	Upper	
166	100		
165	104.0	73.4	110.2
167	32.5	14.6	22.0#

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#12

Phenanthrene

Concen: 0.167 ng/ul

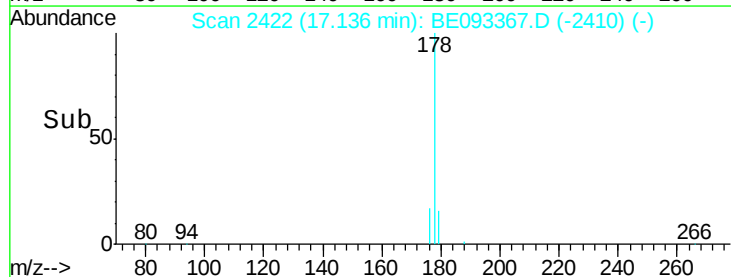
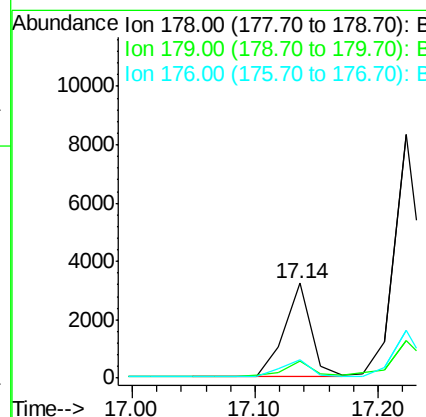
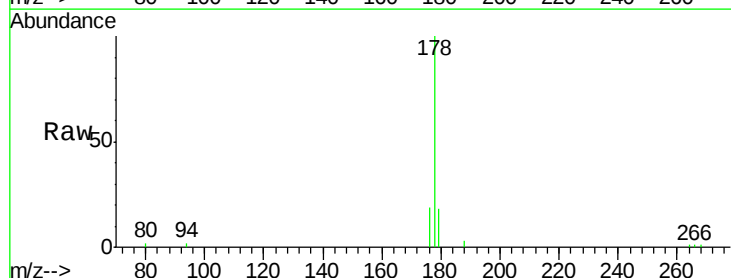
RT: 17.14 min Scan# 2422

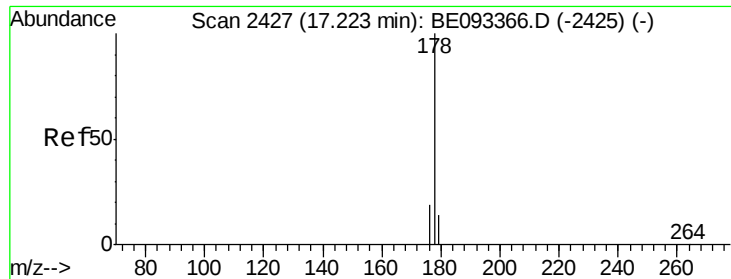
Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion:	178	Resp:	4777
Ion Ratio	Lower	Upper	
178	100		
179	17.7	18.4	27.6#
176	18.8	13.6	20.4





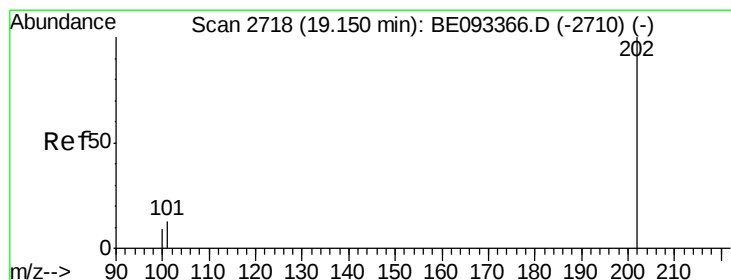
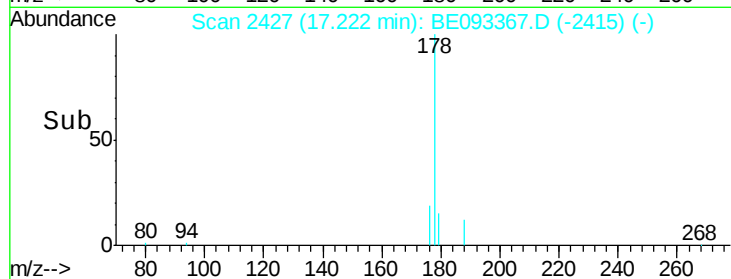
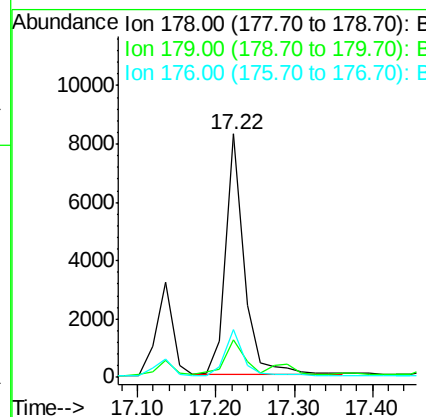
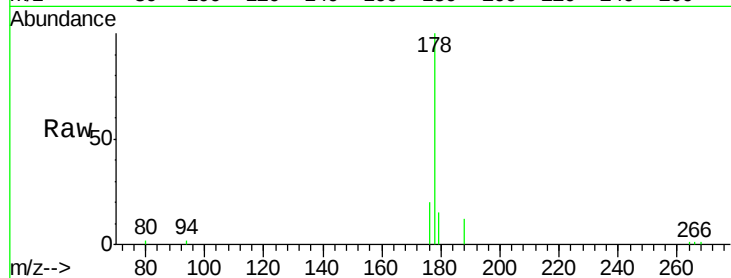
#13
 Anthracene
 Concen: 0.541 ng/ul
 RT: 17.22 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BE093367.D
 Acq: 24 Jun 2017 18:24

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.1	27.1#
176	19.6	14.7	22.1

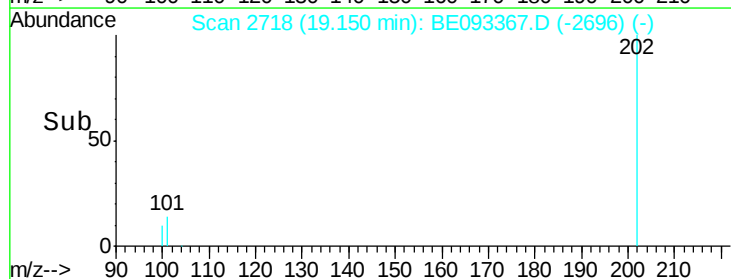
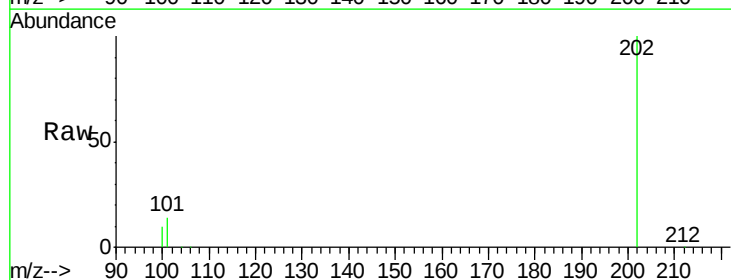
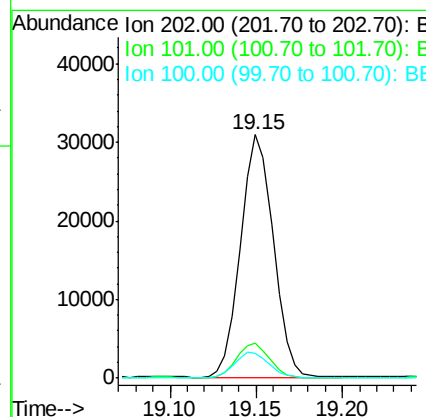
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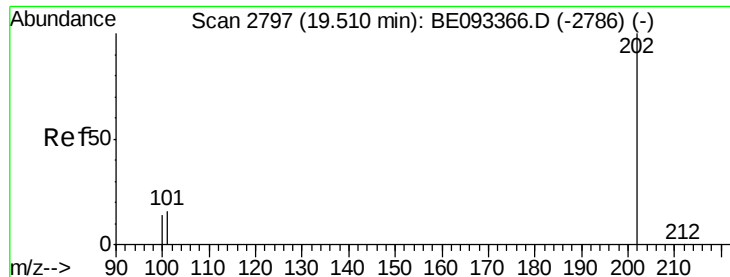
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#15
 Fluoranthene
 Concen: 1.164 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093367.D
 Acq: 24 Jun 2017 18:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	30.3
100	10.3	0.0	39.5





#17

Pyrene

Concen: 2.777 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

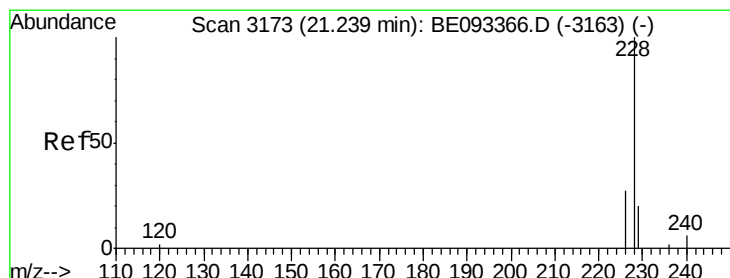
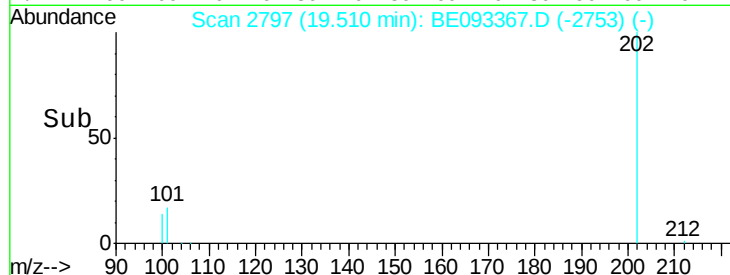
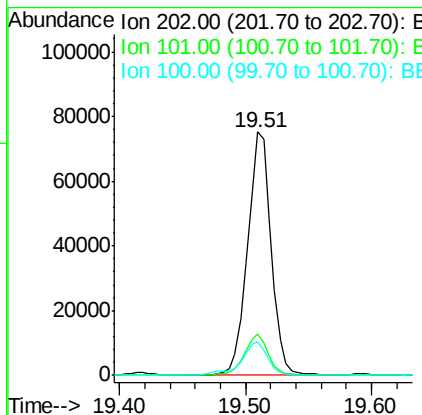
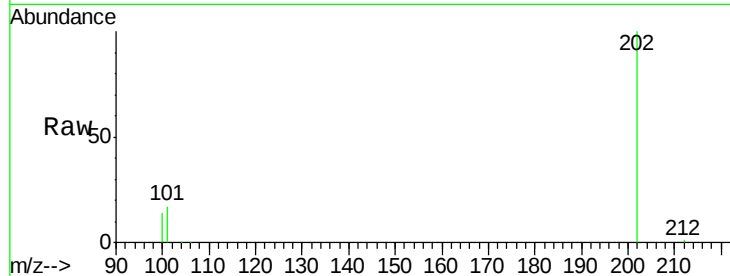
ClientSampleId :

F5B42DL

Tgt Ion:	202	Resp:	98116
Ion Ratio	Lower	Upper	
202	100		
101	17.0	18.2	27.4#
100	14.1	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.411 ng/ul

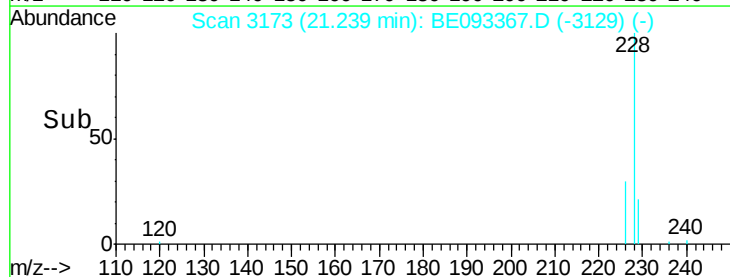
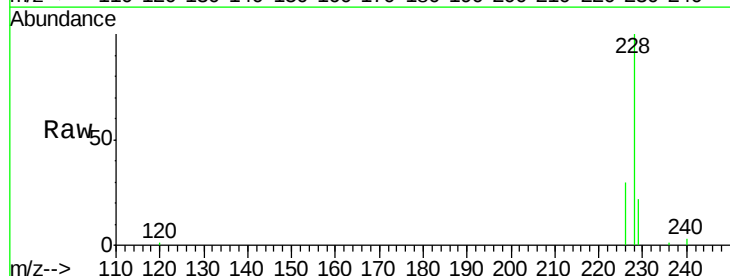
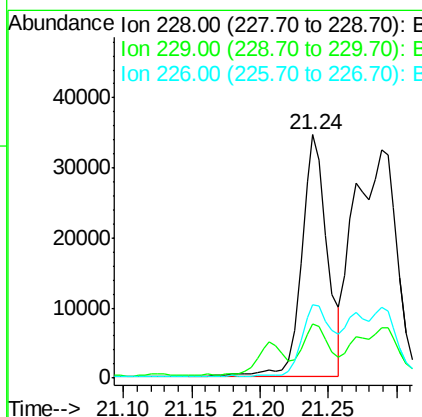
RT: 21.24 min Scan# 3173

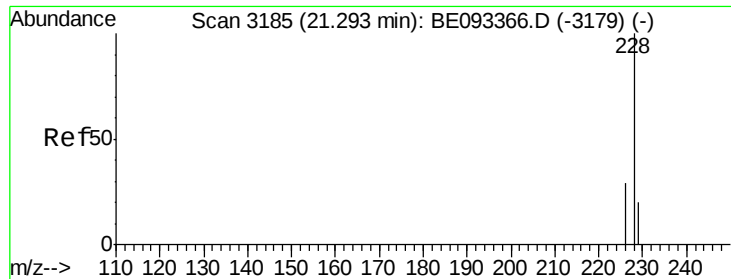
Delta R.T. 0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion:	228	Resp:	45090
Ion Ratio	Lower	Upper	
228	100		
229	22.5	22.8	34.2#
226	30.2	17.0	25.6#





#19

Chrysene

Concen: 2.124 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

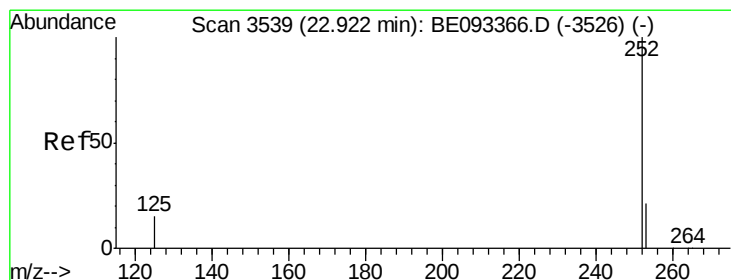
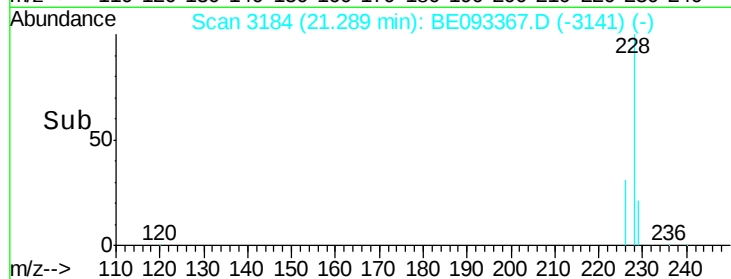
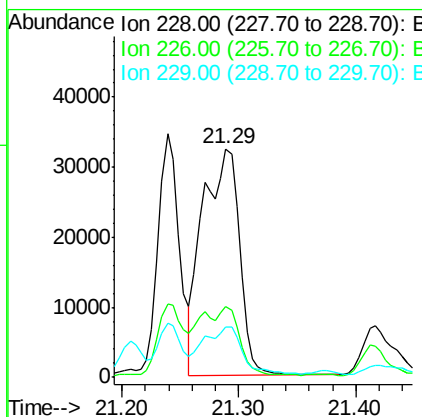
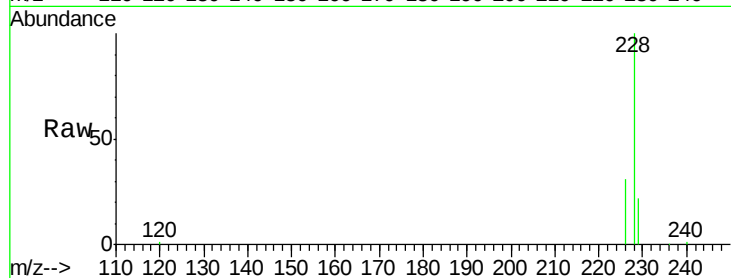
ClientSampleId :

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Tgt Ion:	228	Resp:	70391
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 5.448 ng/ul m

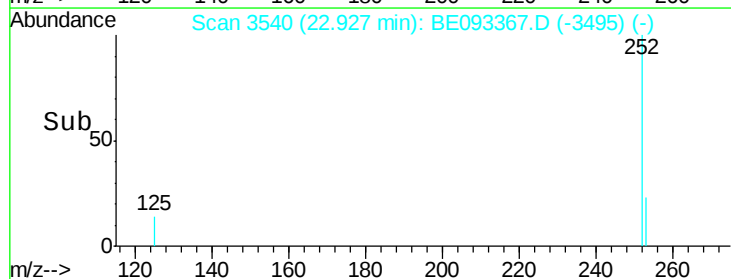
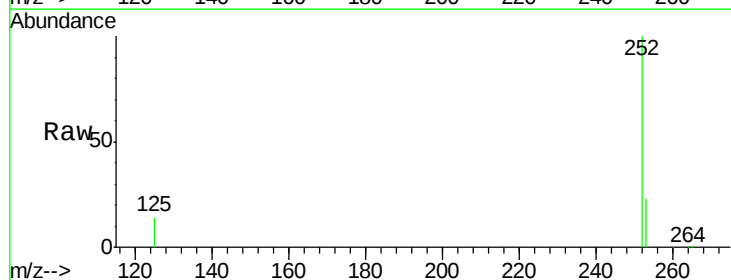
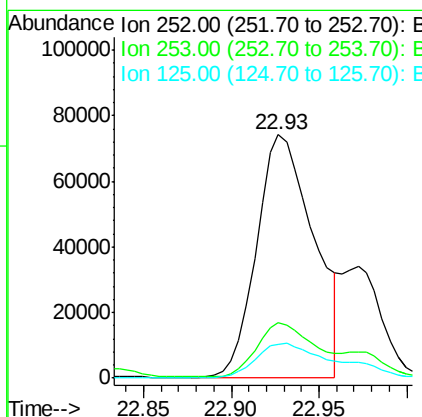
RT: 22.93 min Scan# 3540

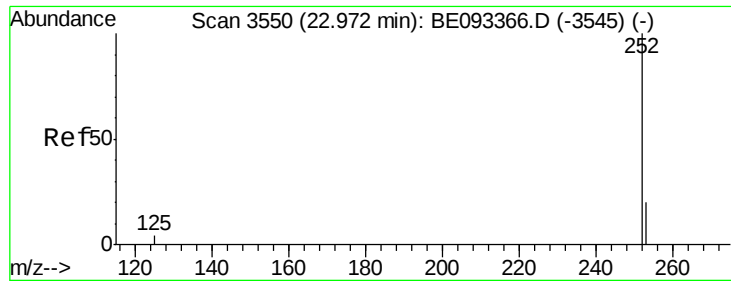
Delta R.T. 0.01 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion:	252	Resp:	168447
Ion Ratio	Lower	Upper	
252	100		
253	22.8	0.0	64.2
125	14.1	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.698 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Instrument :

BNA_E

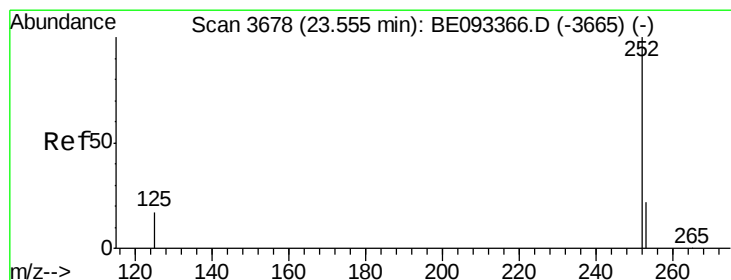
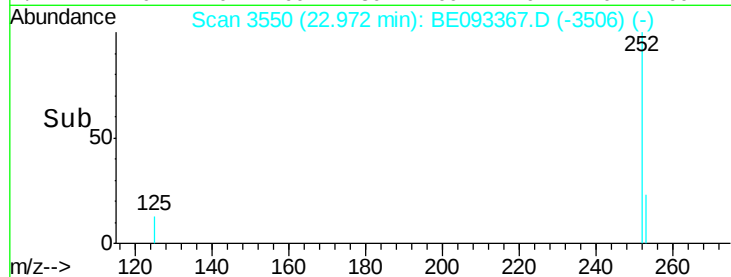
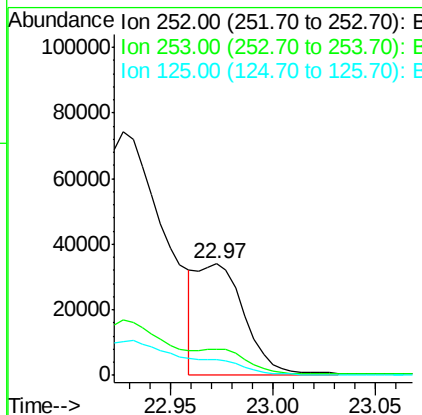
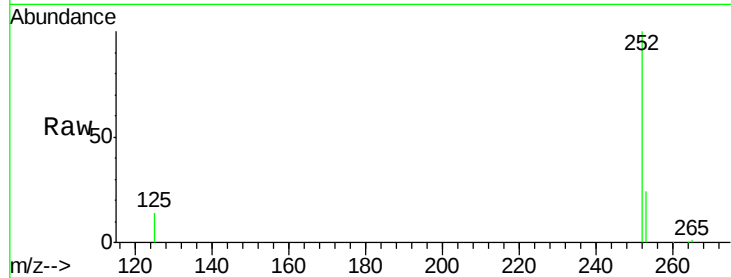
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	14.1	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.328 ng/ul

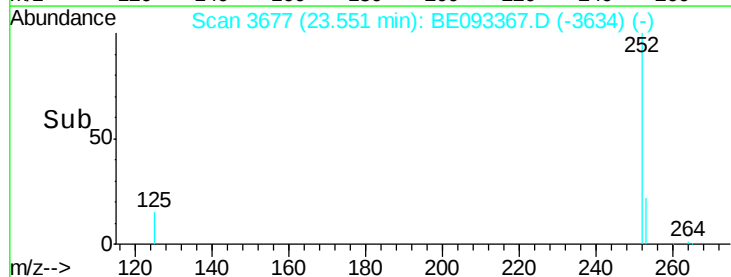
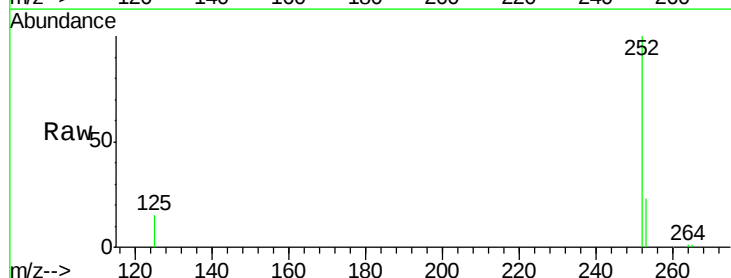
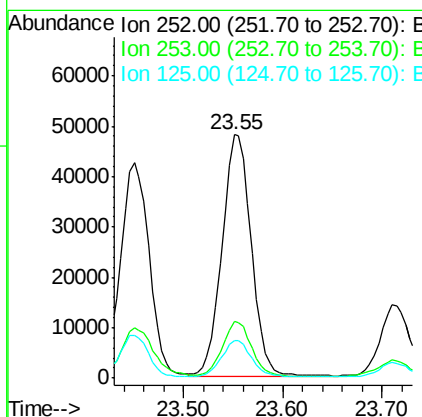
RT: 23.55 min Scan# 3677

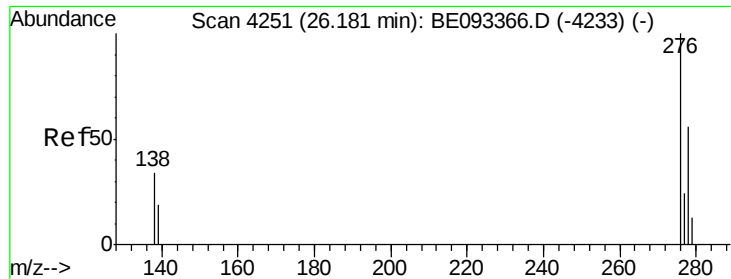
Delta R.T. -0.00 min

Lab File: BE093367.D

Acq: 24 Jun 2017 18:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	15.3	18.1	27.1#





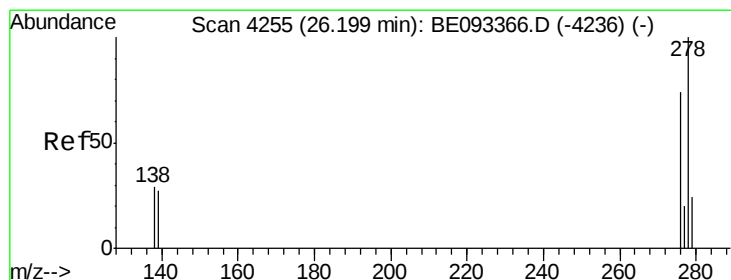
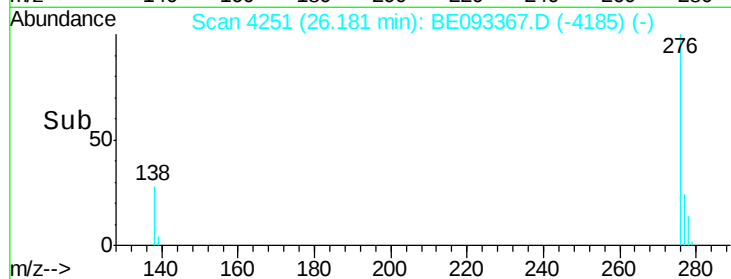
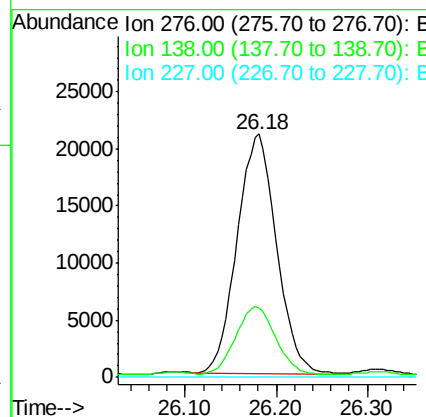
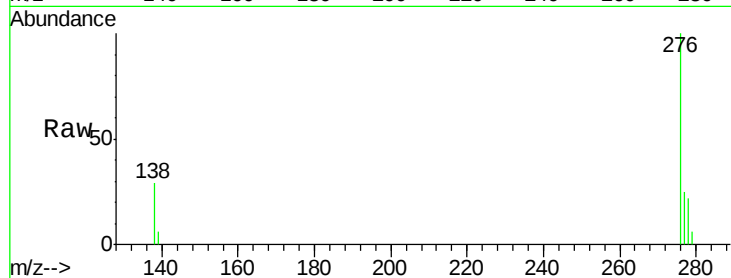
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.865 ng/u1
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093367.D
 Acq: 24 Jun 2017 18:24

Instrument :
 BNA_E
 ClientSampled :
 F5B42DL

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

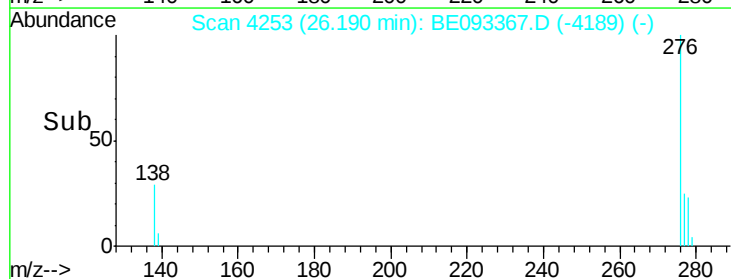
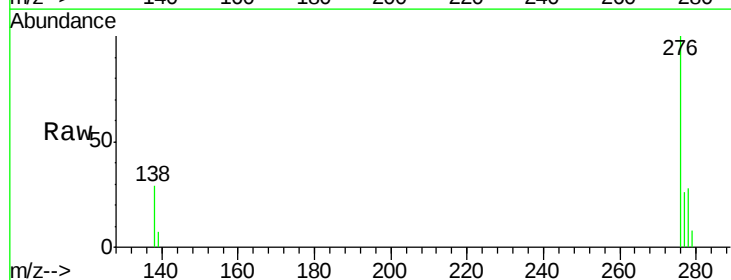
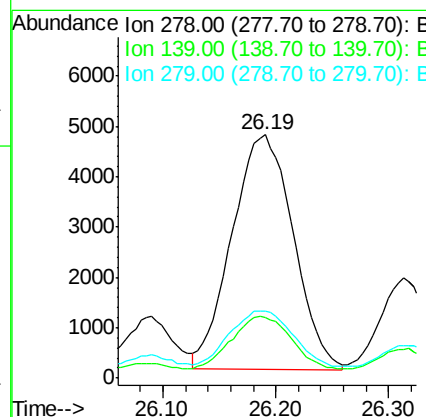
Manual Integrations
 APPROVED

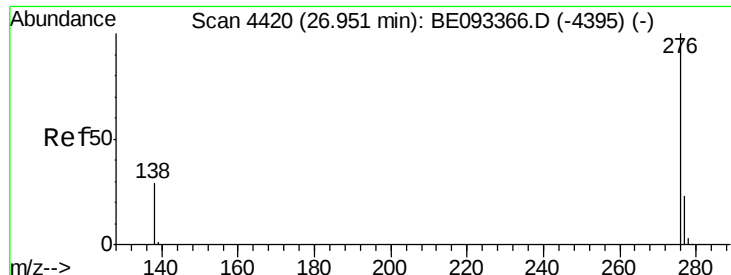
mohammad
 6/29/2017 8:34:29 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.608 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.01 min
 Lab File: BE093367.D
 Acq: 24 Jun 2017 18:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.7	17.4	26.0
279	27.4	25.9	38.9





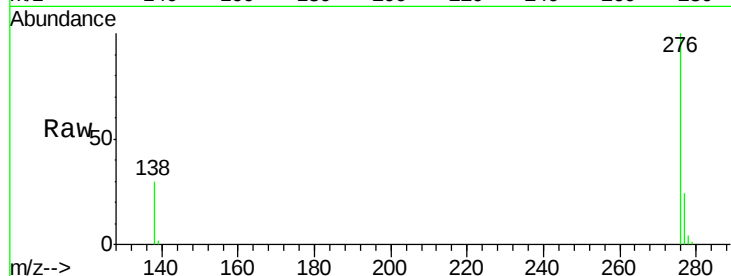
#26
 Benzo(g,h,i)perylene
 Concen: 1.632 ng/ul
 RT: 26.95 min Scan# 4420
 Delta R.T. -0.00 min
 Lab File: BE093367.D
 Acq: 24 Jun 2017 18:24

Instrument :
 BNA_E
 ClientSampleId :
 F5B42DL

Tgt	Ion	276	Resp:	47366
	Ion	Ratio	Lower	Upper
	276	100		
	138	30.3	21.8	32.8
	277	24.3	20.5	30.7

Manual Integrations
 APPROVED

mohammad
 6/29/2017 8:34:29 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

