

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
 Data File : BE093341.D
 Acq On : 23 Jun 2017 17:41
 Operator : SJ/JU
 Sample : I3653-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5B18

Manual Integrations
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mohammad
 6/29/2017 8:32:55 AM

Quant Time: Jun 24 04:31:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 24 04:29:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8516	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5246	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12705	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12875	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	13320	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1784	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	4856	0.14	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	25794	1.221	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	3709	0.257	ng/ul	99
7) Acenaphthylene	14.09	152	3940	0.175	ng/ul	98
8) Acenaphthene	14.42	153	2162	0.119	ng/ul	98
9) Fluorene	15.42	166	2466	0.116	ng/ul	95
12) Phenanthrene	17.14	178	13730	0.393	ng/ul#	90
13) Anthracene	17.22	178	8479	0.279	ng/ul#	90
15) Fluoranthene	19.15	202	19207	0.448	ng/ul	84
17) Pyrene	19.51	202	23296	0.614	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	15590	0.454	ng/ul#	85
19) Chrysene	21.29	228	16724	0.469	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	30761m	0.761	ng/ul	
22) Benzo(k)fluoranthene	22.97	252	11046m	0.257	ng/ul	
23) Benzo(a)pyrene	23.56	252	14748	0.386	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.17	276	9892	0.224	ng/ul#	88
25) Dibenzo(a,h)anthracene	26.19	278	2717	0.073	ng/ul#	78
26) Benzo(g,h,i)perylene	26.95	276	7654	0.202	ng/ul	95

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

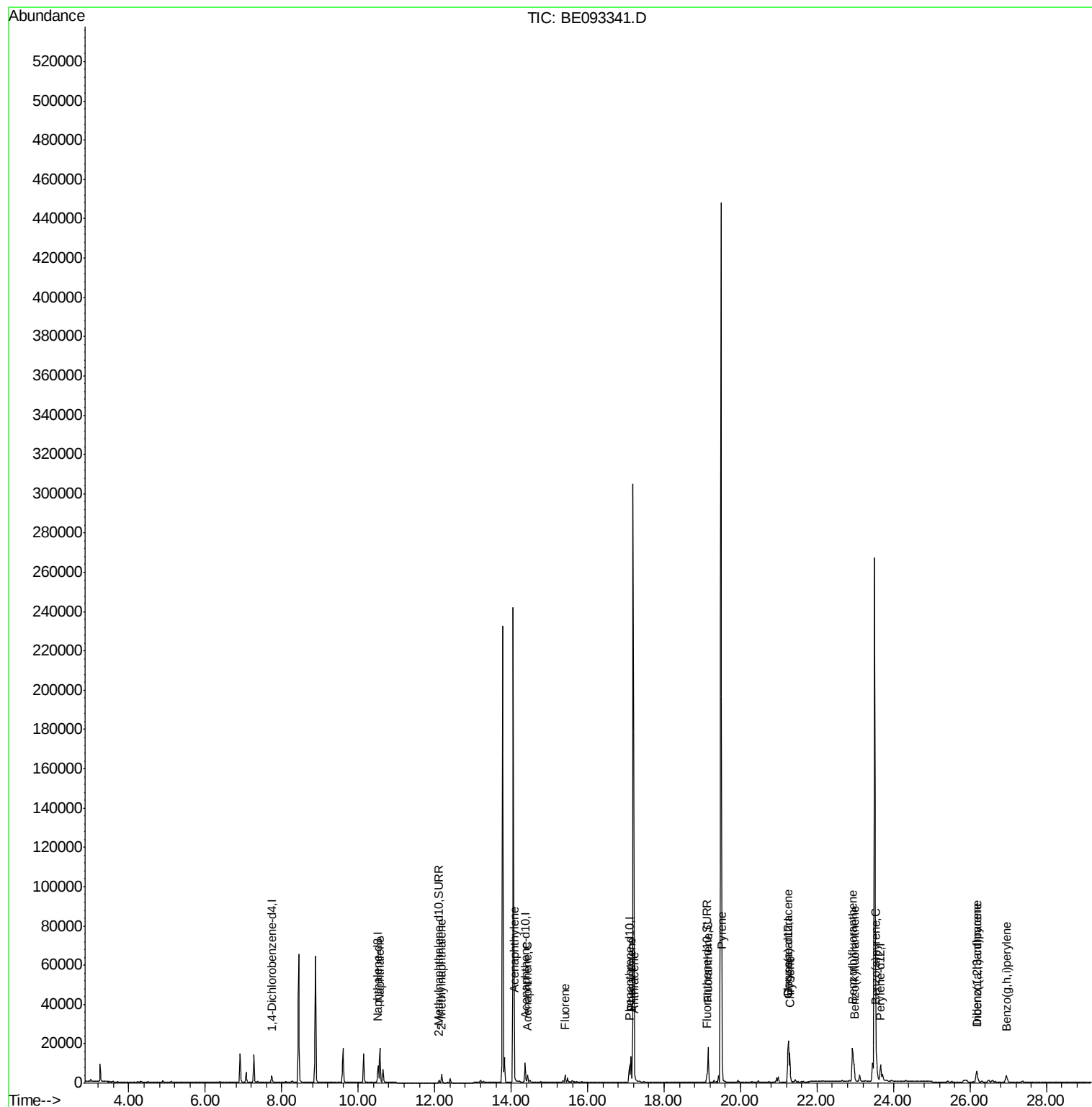
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_E\DATA\BE062317\
Data File : BE093341.D
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Operator : SJ/JU
Sample : I3653-01
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ALS Vial : 8 Sample Multiplier: 1

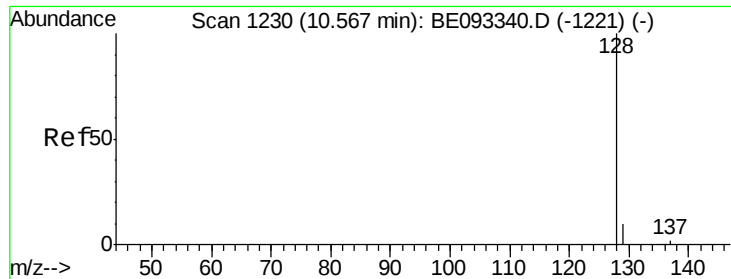
Instrument :
BNA_E
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F5B18

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Quant Time: Jun 24 04:31:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Sat Jun 24 04:29:07 2017
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#3

Naphthalene

Concen: 1.221 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

ClientSampleId :

F5B18

Tgt Ion:128 Resp: 25794

Ion Ratio Lower Upper

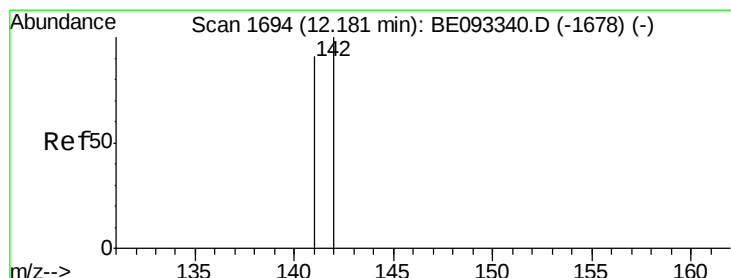
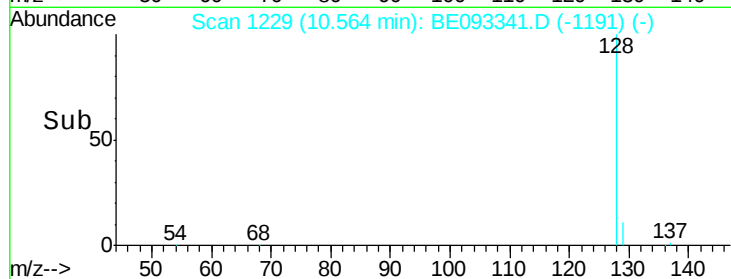
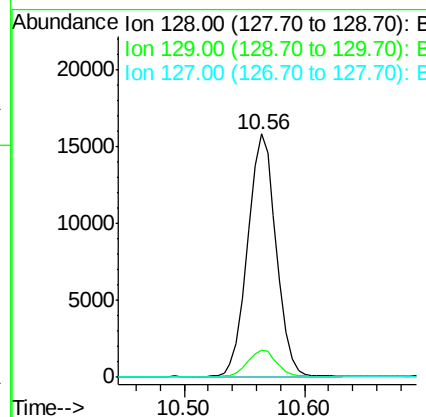
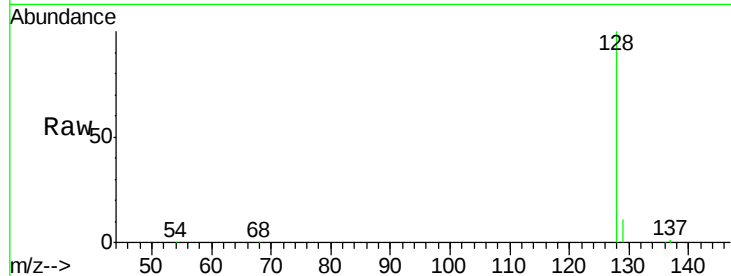
128 100

129 11.2 11.3 16.9#

127 0.0 4.0 6.0#

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#5

2-Methylnaphthalene

Concen: 0.257 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093341.D

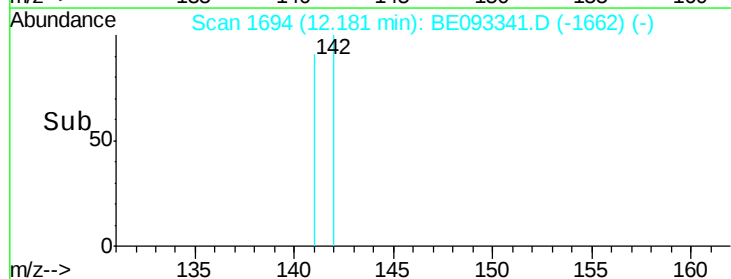
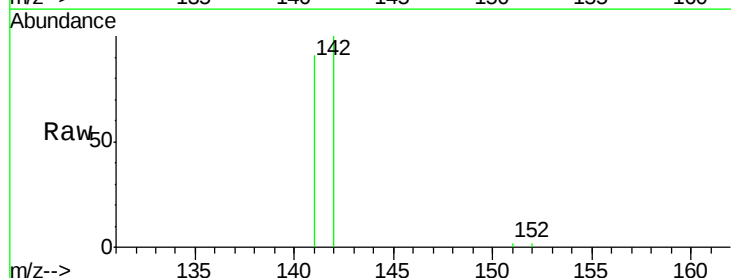
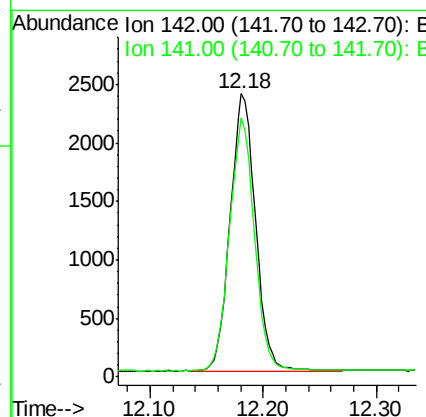
Acq: 23 Jun 2017 17:41

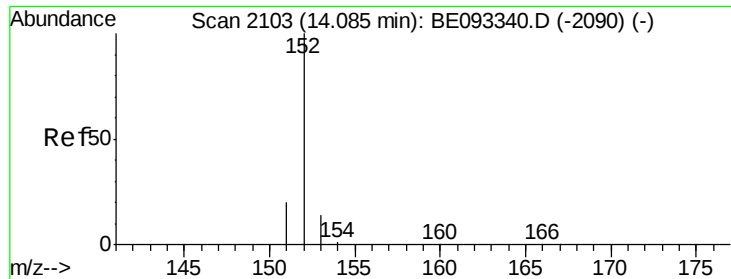
Tgt Ion:142 Resp: 3709

Ion Ratio Lower Upper

142 100

141 90.2 72.6 108.8





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

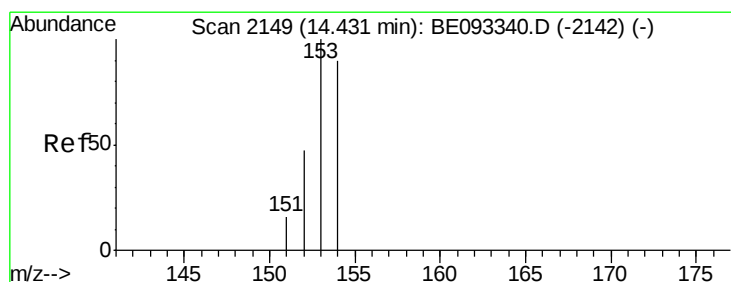
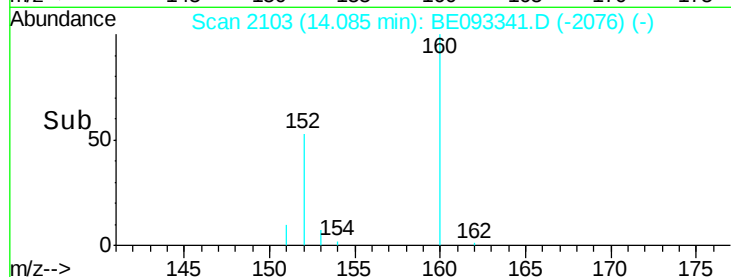
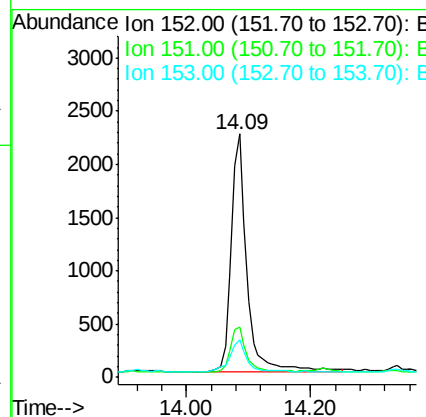
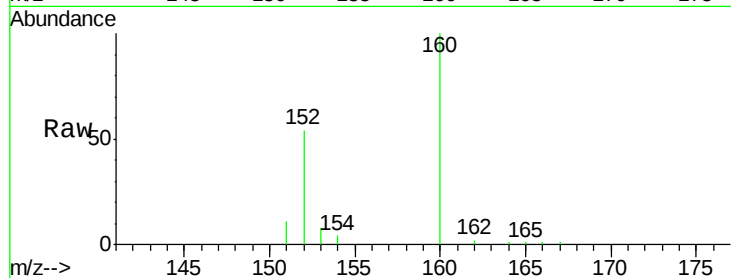
ClientSampleId :

F5B18

Tgt Ion:	152	Resp:	3940
Ion Ratio	Lower	Upper	
152	100		
151	20.6	17.1	25.7
153	15.4	12.8	19.2

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#8

Acenaphthene

Concen: 0.119 ng/ul

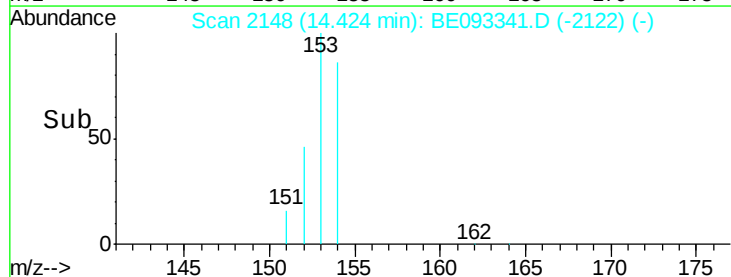
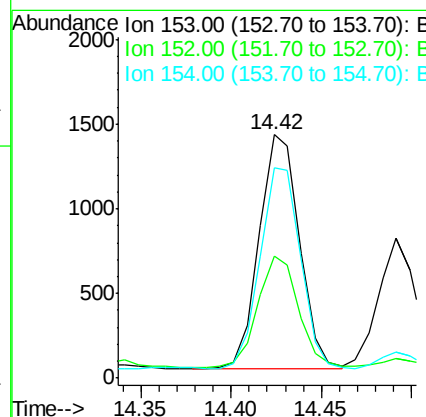
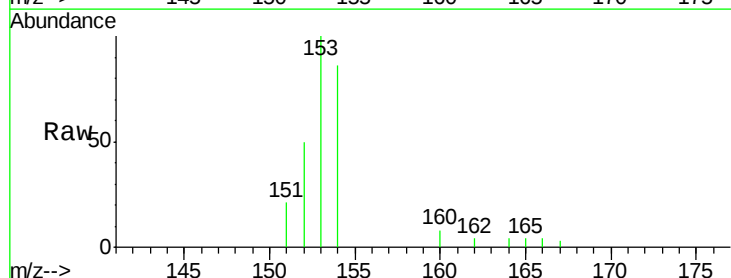
RT: 14.42 min Scan# 2148

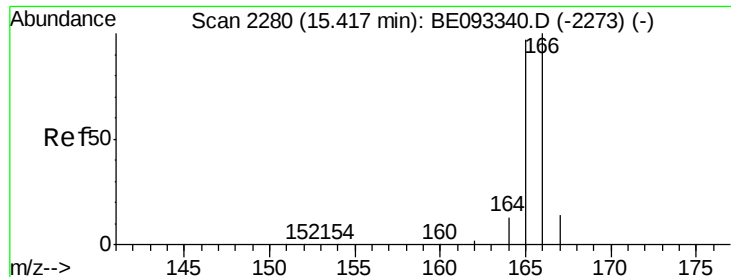
Delta R.T. -0.01 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Tgt Ion:	153	Resp:	2162
Ion Ratio	Lower	Upper	
153	100		
152	50.0	40.3	60.5
154	86.4	71.4	107.2





#9

Fluorene

Concen: 0.116 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

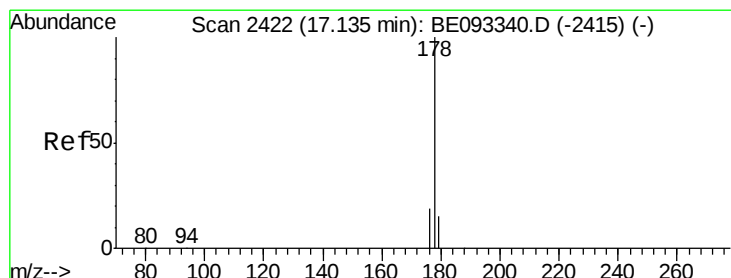
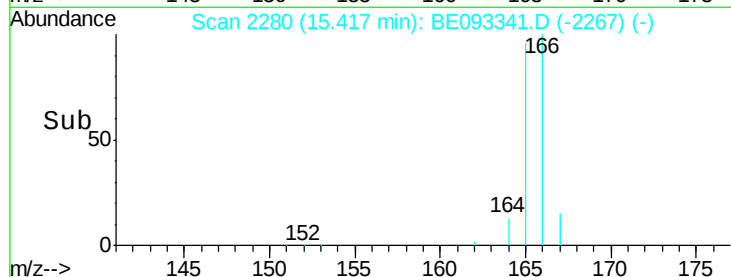
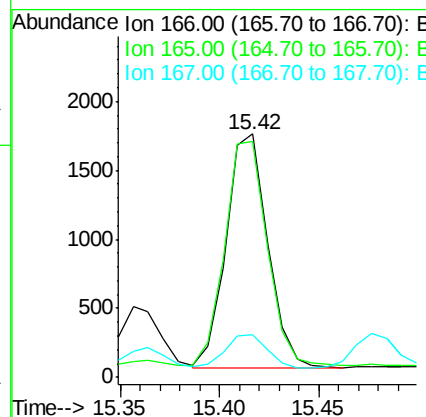
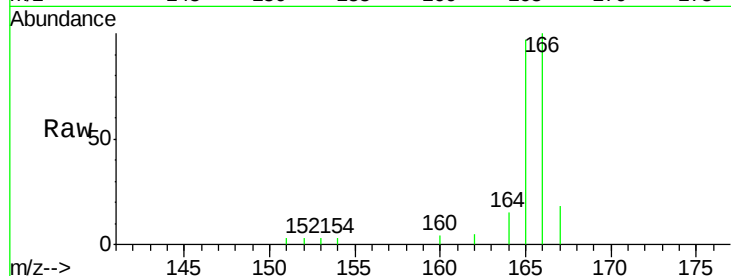
ClientSampleId :

F5B18

Tgt Ion:	166	Resp:	2466
Ion	Ratio	Lower	Upper
166	100		
165	96.7	73.4	110.2
167	17.7	14.6	22.0

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#12

Phenanthrene

Concen: 0.393 ng/ul

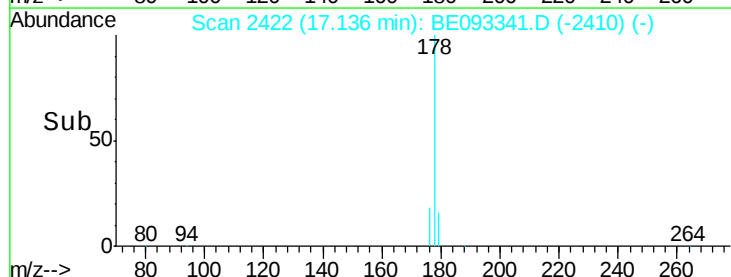
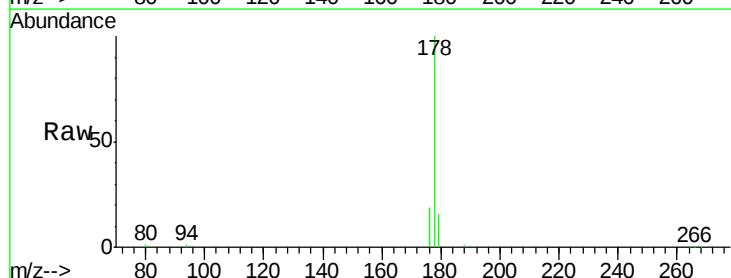
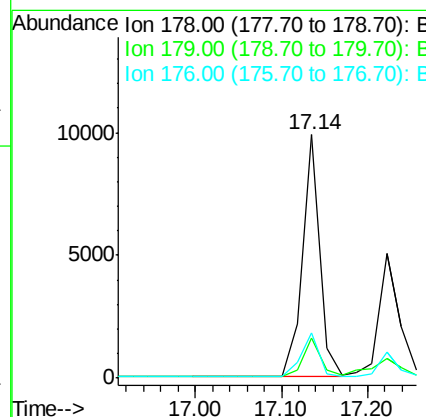
RT: 17.14 min Scan# 2422

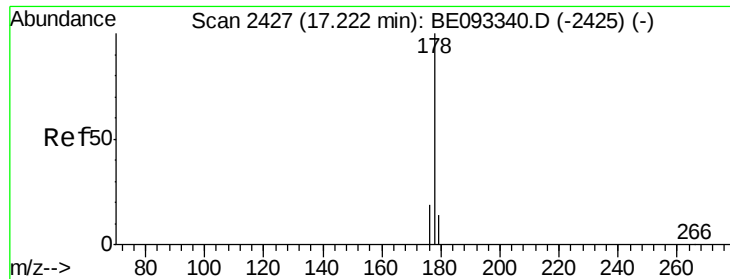
Delta R.T. 0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Tgt Ion:	178	Resp:	13730
Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.4	27.6#
176	18.8	13.6	20.4





#13

Anthracene

Concen: 0.279 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

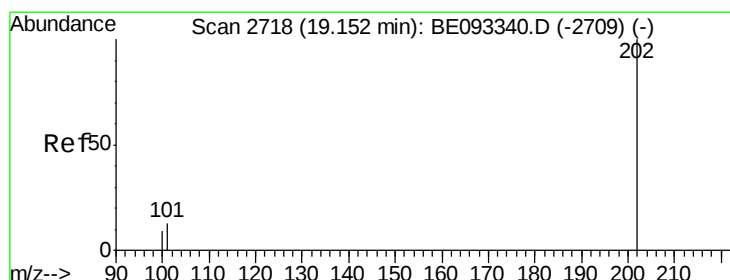
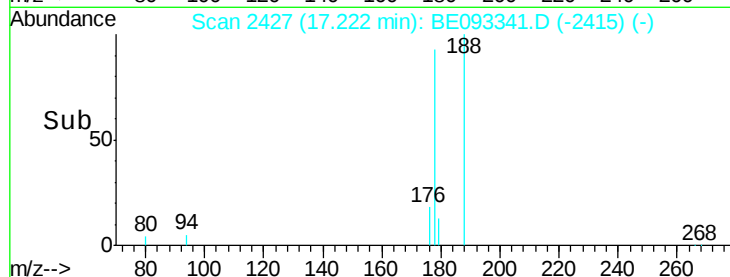
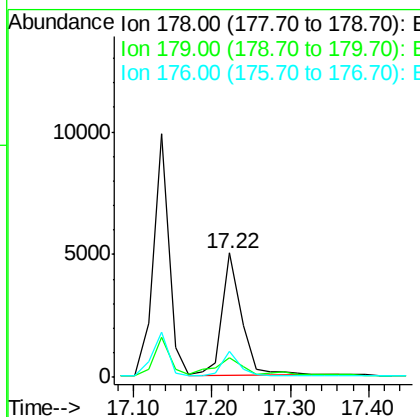
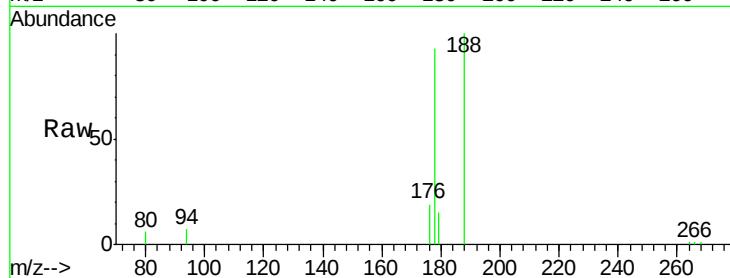
ClientSampleId :

F5B18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.1	27.1#
176	20.5	14.7	22.1

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#15

Fluoranthene

Concen: 0.448 ng/ul

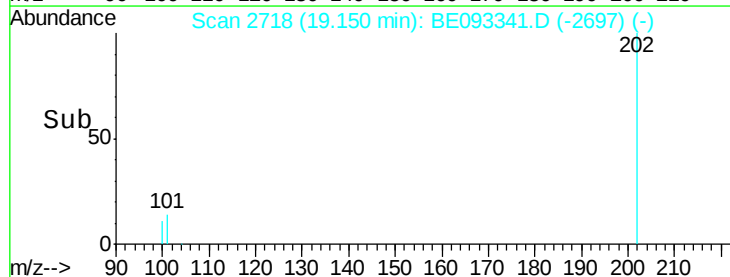
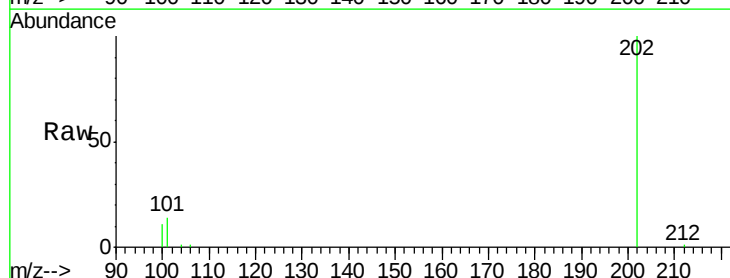
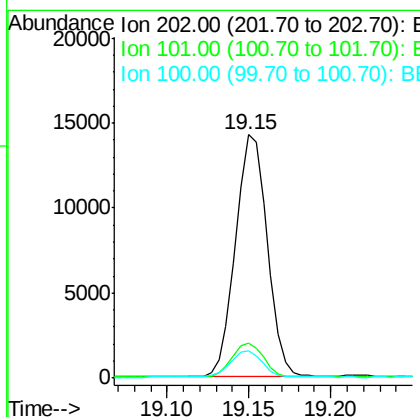
RT: 19.15 min Scan# 2718

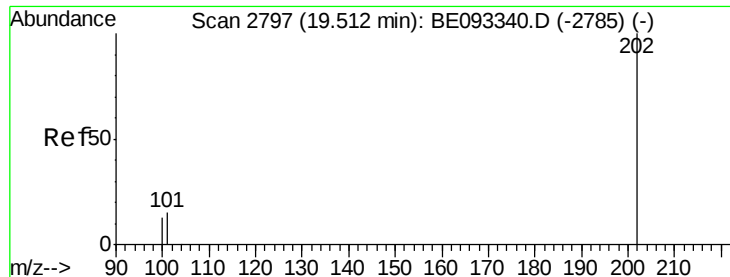
Delta R.T. -0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	30.3
100	11.2	0.0	39.5





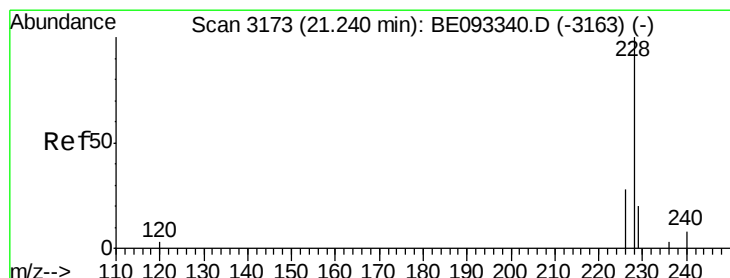
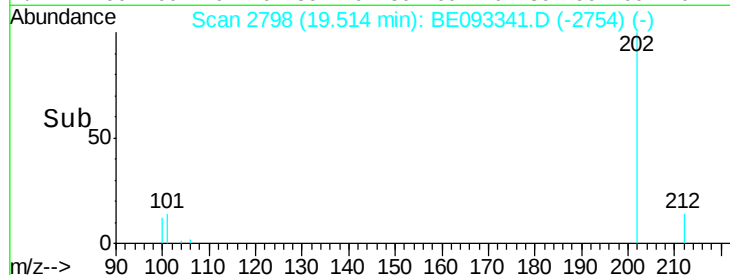
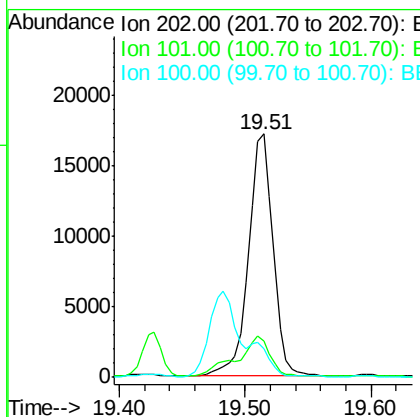
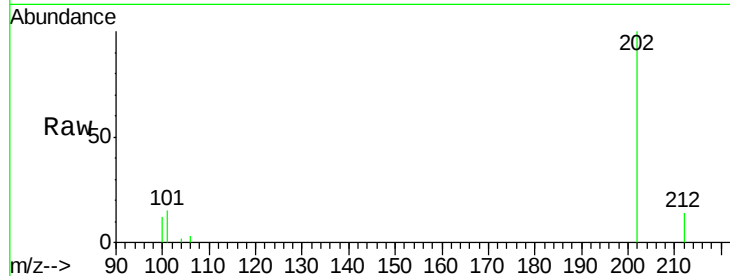
#17
 Pyrene
 Concen: 0.614 ng/ul
 RT: 19.51 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BE093341.D
 Acq: 23 Jun 2017 17:41

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.6	18.2	27.4#
100	11.8	15.6	23.4#

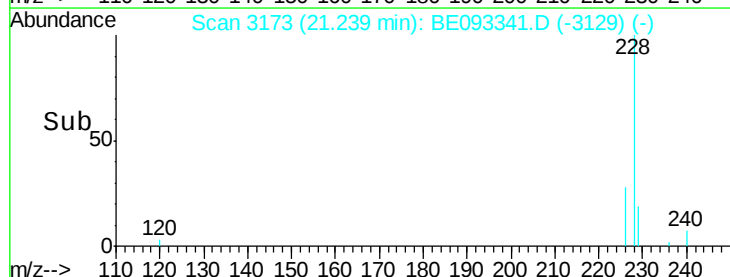
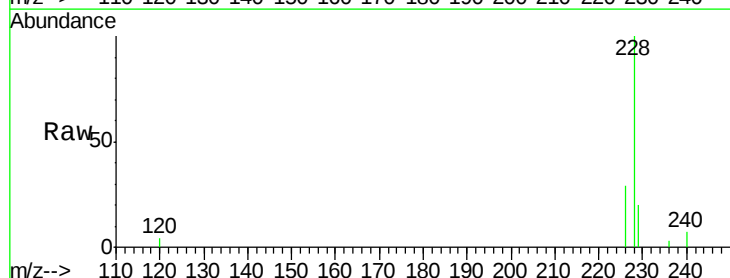
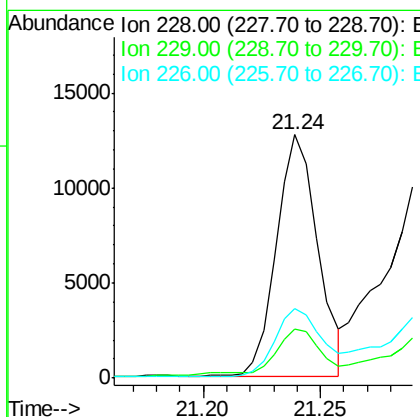
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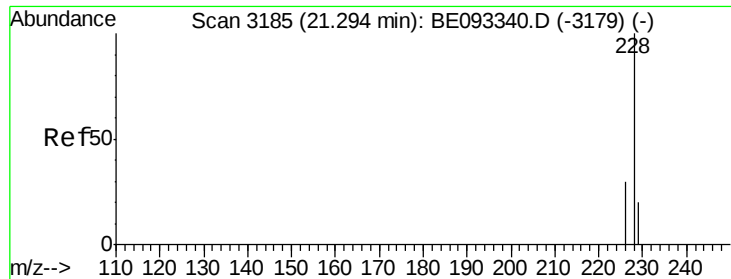
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#18
 Benzo(a)anthracene
 Concen: 0.454 ng/ul
 RT: 21.24 min Scan# 3173
 Delta R.T. -0.00 min
 Lab File: BE093341.D
 Acq: 23 Jun 2017 17:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	22.8	34.2#
226	28.5	17.0	25.6#





#19

Chrysene

Concen: 0.469 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

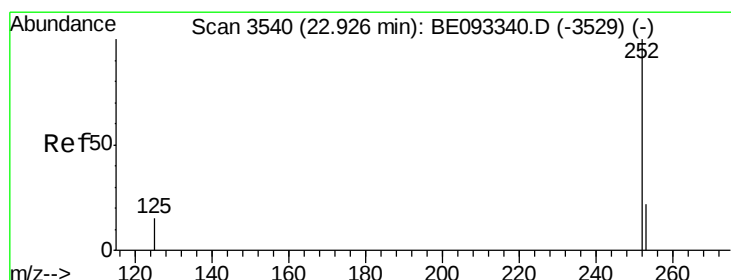
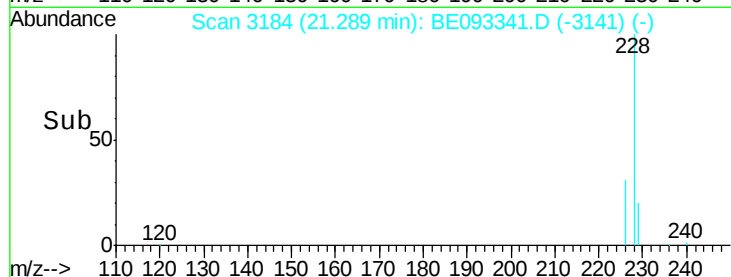
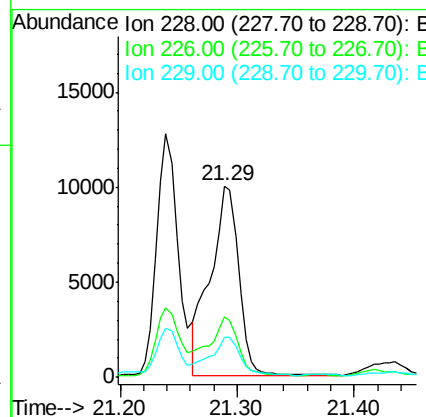
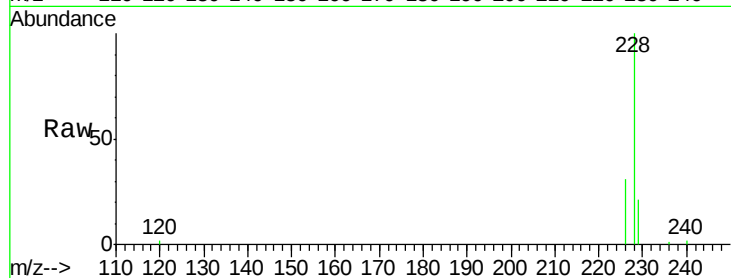
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Tgt Ion:	228	Resp:	16724
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	20.8	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 0.761 ng/ul m

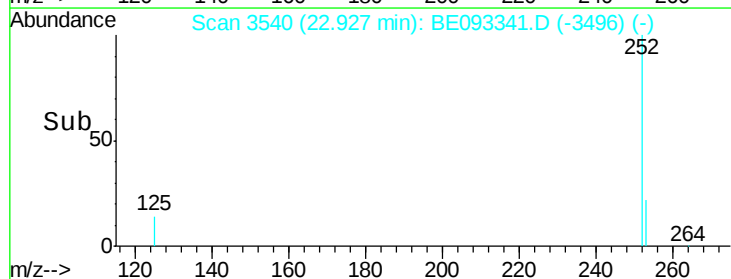
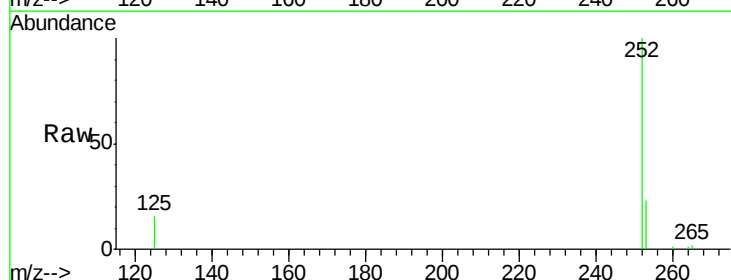
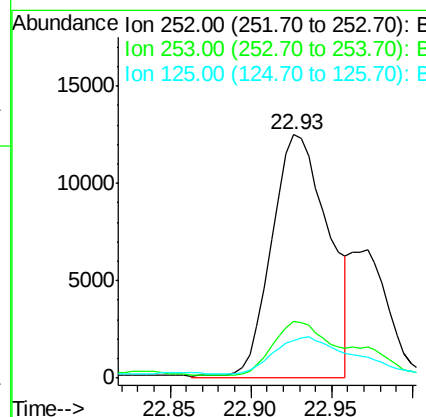
RT: 22.93 min Scan# 3540

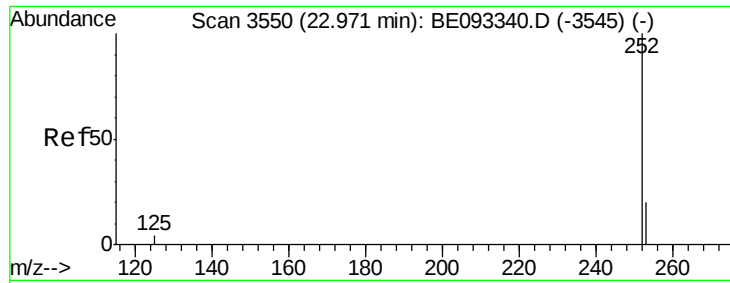
Delta R.T. 0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Tgt Ion:	252	Resp:	30761
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	15.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 0.257 ng/ul m

RT: 22.97 min Scan# 3550

Delta R.T. 0.00 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

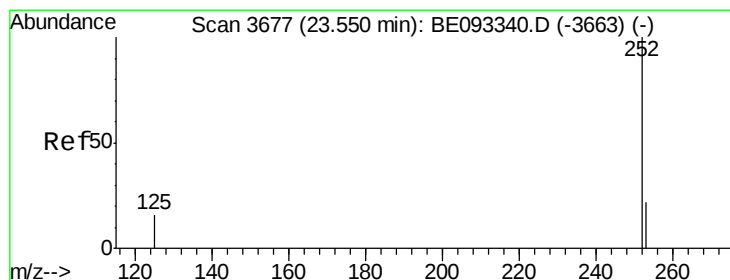
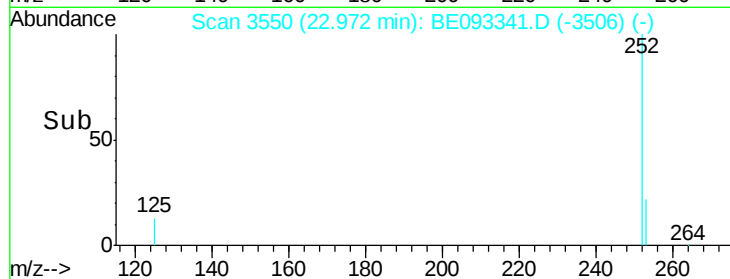
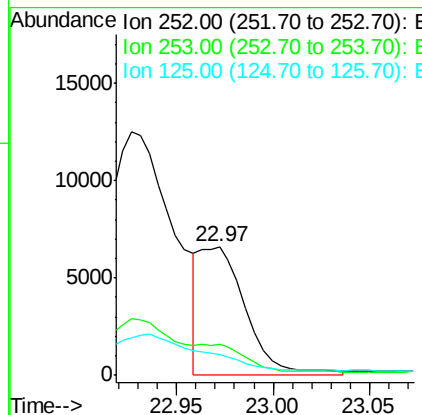
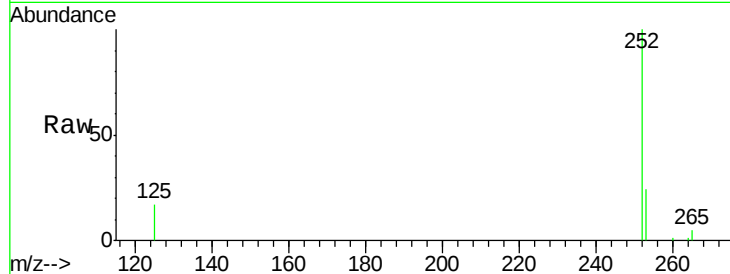
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	16.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 0.386 ng/ul

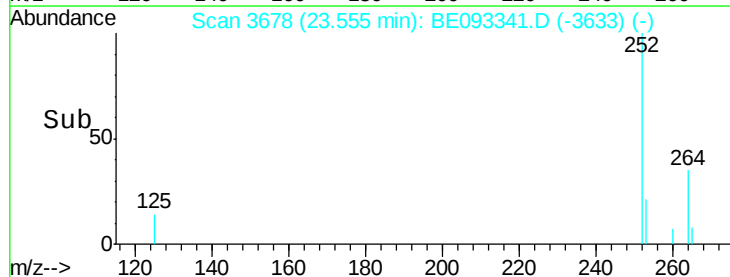
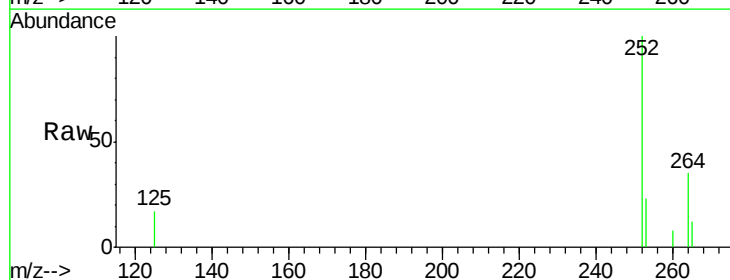
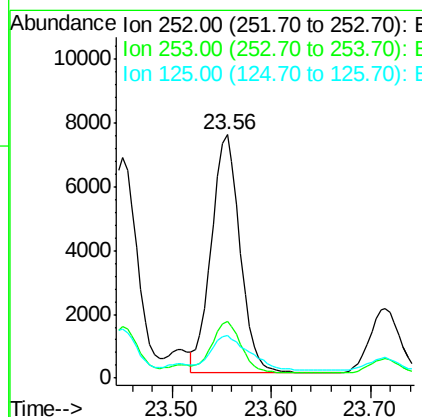
RT: 23.56 min Scan# 3678

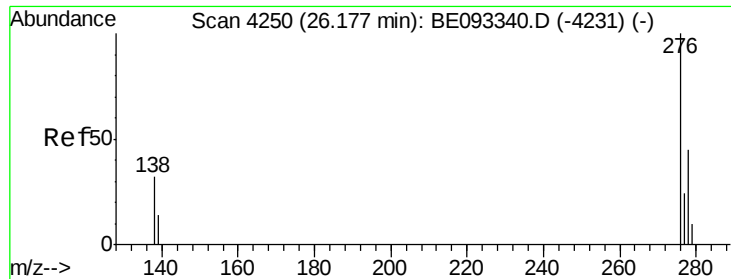
Delta R.T. 0.01 min

Lab File: BE093341.D

Acq: 23 Jun 2017 17:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	17.3	18.1	27.1#





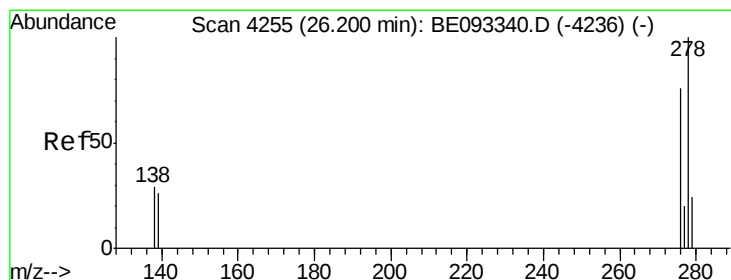
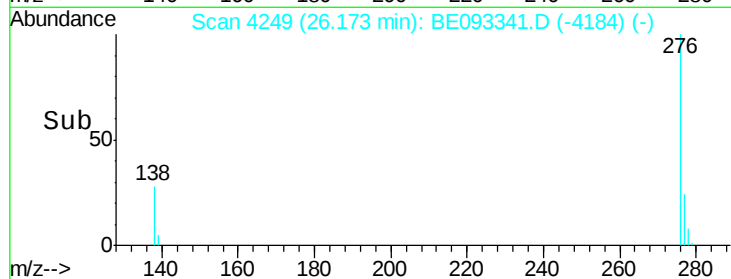
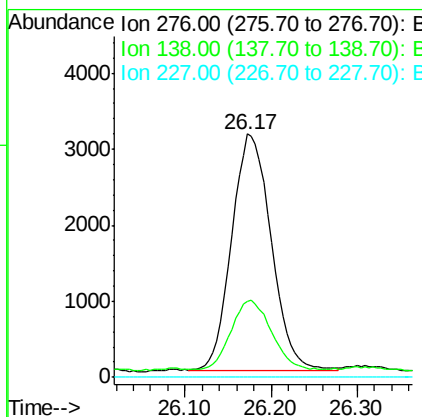
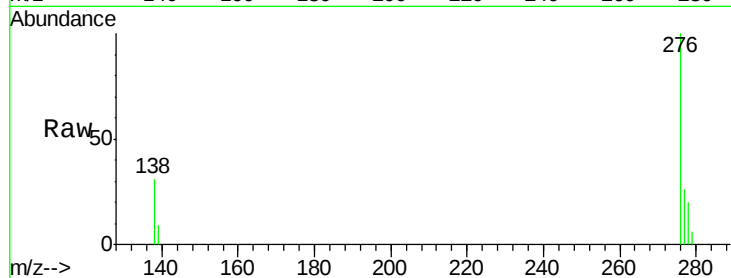
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.224 ng/u1
 RT: 26.17 min Scan# 4249
 Delta R.T. -0.00 min
 Lab File: BE093341.D
 Acq: 23 Jun 2017 17:41

Instrument :
 BNA_E
 ClientSampleId :
 F5B18

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	9892		
138	30.7		28.0	42.0
227	0.0		8.0	12.0

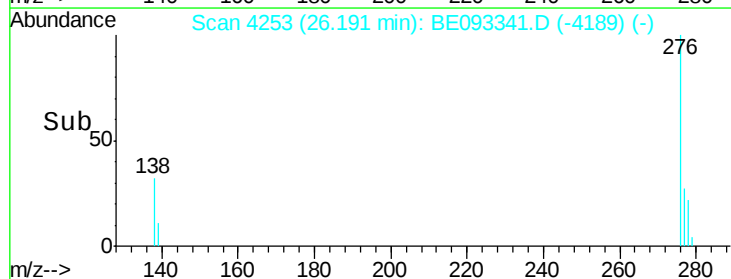
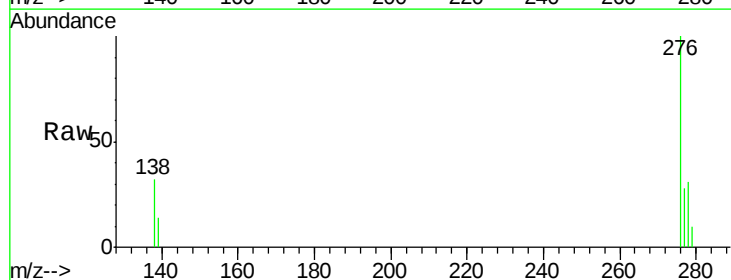
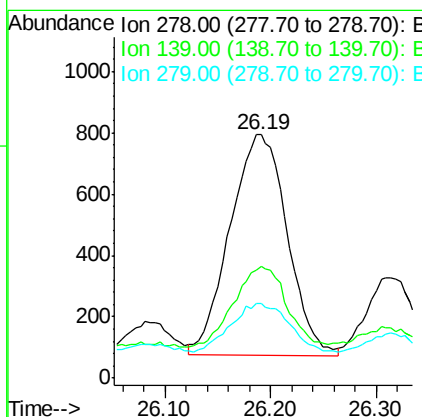
Manual Integrations
 APPROVED

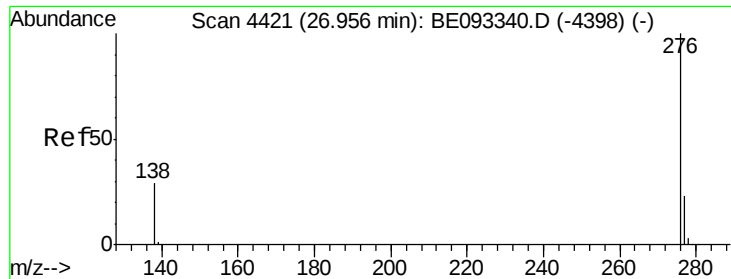
mohammad
 6/29/2017 8:32:55 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.073 ng/u1
 RT: 26.19 min Scan# 4253
 Delta R.T. -0.01 min
 Lab File: BE093341.D
 Acq: 23 Jun 2017 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2717		
139	45.8		17.4	26.0
279	30.7		25.9	38.9





#26

Benzo(g,h,i)perylene

Concen: 0.202 ng/ul

RT: 26.95 min Scan# 4420

Delta R.T. -0.00 min

Lab File: BE093341.D

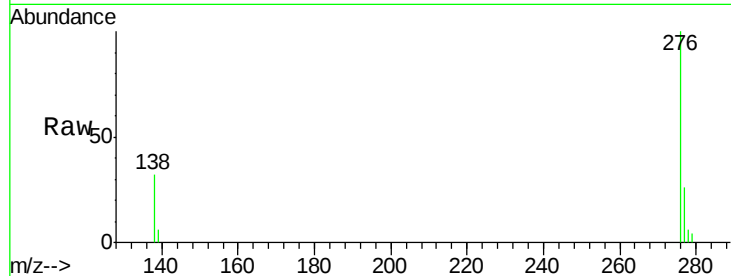
Acq: 23 Jun 2017 17:41

Instrument :

BNA_E

ClientSampleId :

F5B18



Tgt Ion:	276	Resp:	7654
Ion Ratio	Lower	Upper	
276	100		
138	31.8	21.8	32.8
277	26.3	20.5	30.7

Manual Integrations
APPROVED

mohammad
6/29/2017 8:32:55 AM

