

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Data File : BE093197.D
 Acq On : 15 Jun 2017 8:02
 Operator : SJ/MA
 Sample : I3521-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5D54

Manual Integrations
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 6/15/2017 3:54:21 PM

Quant Time: Jun 15 11:18:26 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 07:58:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17059	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10896	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25445m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	24613	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	20185m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7539	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	20257	0.29	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.57	128	7627	0.180	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	2259	0.078	ng/ul	98
7) Acenaphthylene	14.09	152	31423	0.672	ng/ul	96
8) Acenaphthene	14.43	153	1393	0.037	ng/ul	95
9) Fluorene	15.42	166	1376	0.031	ng/ul#	82
12) Phenanthrene	17.14	178	32375	0.462	ng/ul#	87
13) Anthracene	17.22	178	36290	0.595	ng/ul#	86
15) Fluoranthene	19.16	202	271286	3.160	ng/ul	83
17) Pyrene	19.52	202	359799	4.957	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	178796	2.723	ng/ul#	85
19) Chrysene	21.29	228	199428	2.928	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	400451	6.537	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	120483m	1.852	ng/ul	
23) Benzo(a)pyrene	23.56	252	213466m	3.686	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	148234m	2.210	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	37888m	0.671	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	120881	2.102	ng/ul	97

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

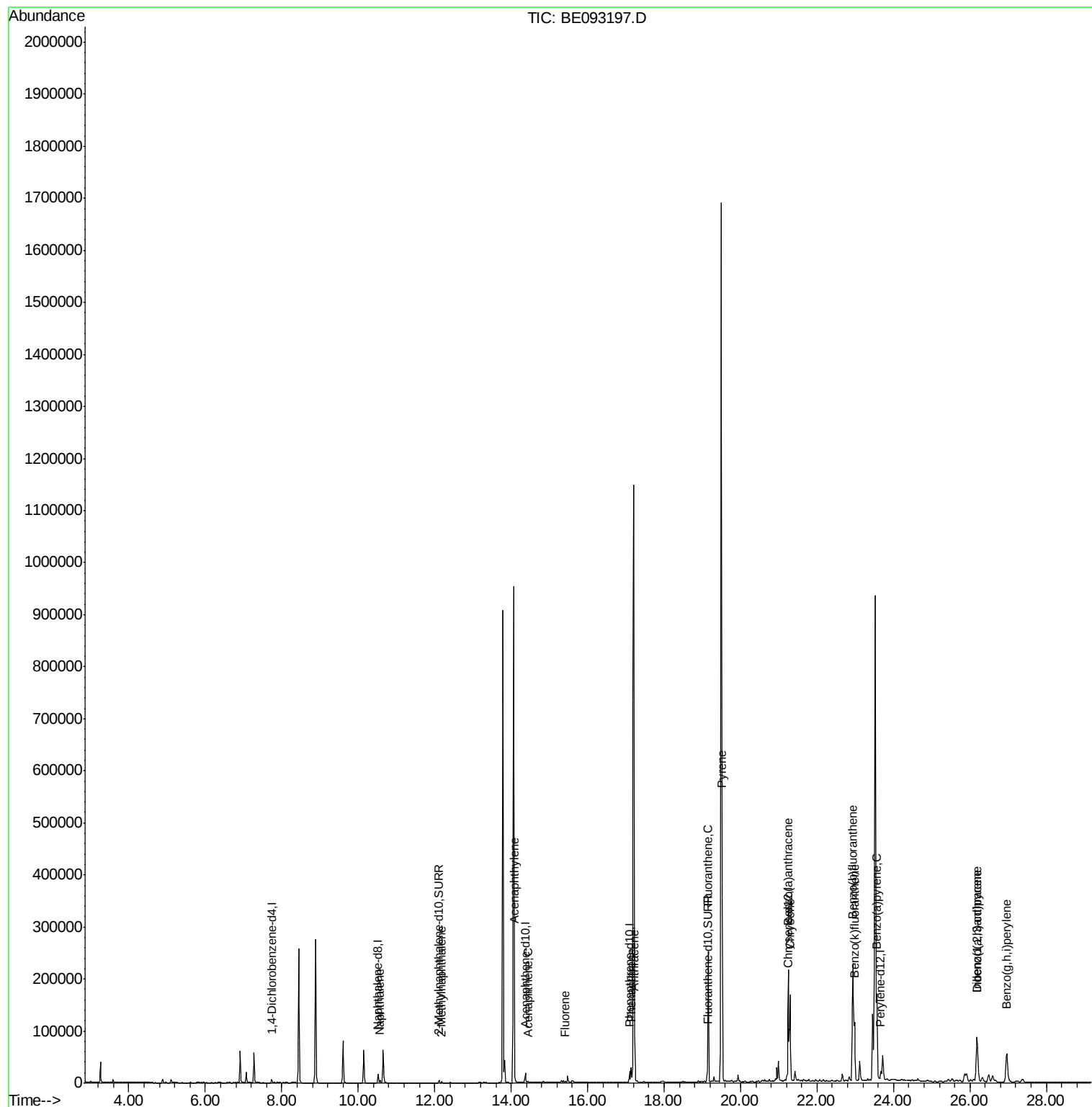
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
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ALS Vial : 32 Sample Multiplier: 1

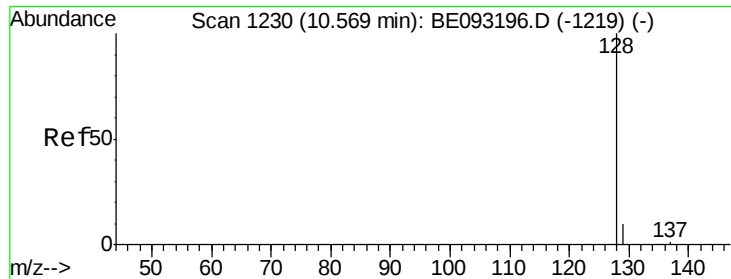
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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QLast Update : Thu Jun 15 07:58:47 2017
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#3

Naphthalene

Concen: 0.180 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

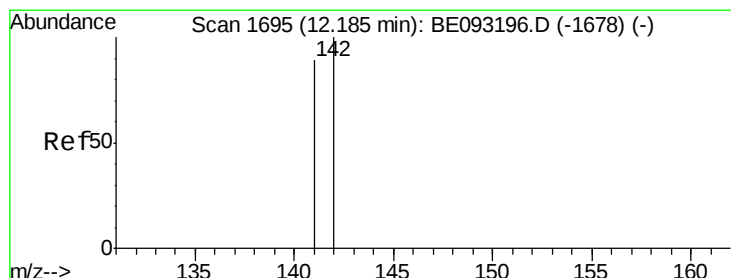
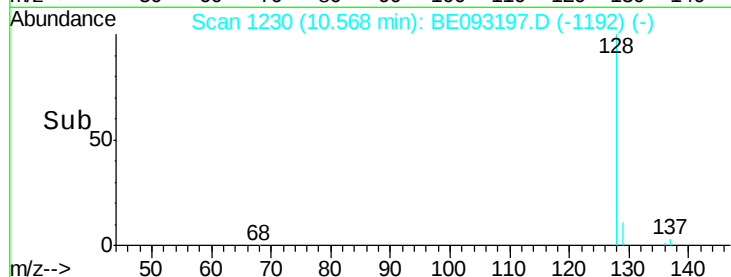
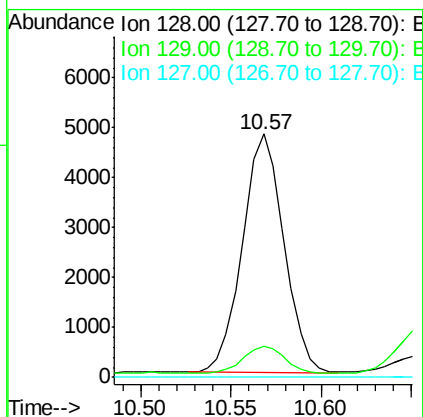
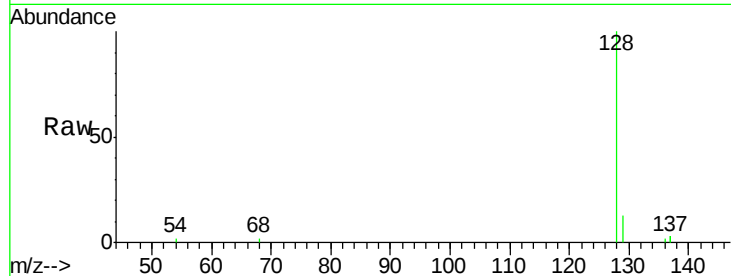
ClientSampleId :

F5D54

Tgt Ion:	128	Resp:	7627
Ion Ratio	Lower	Upper	
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

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#5

2-Methylnaphthalene

Concen: 0.078 ng/ul

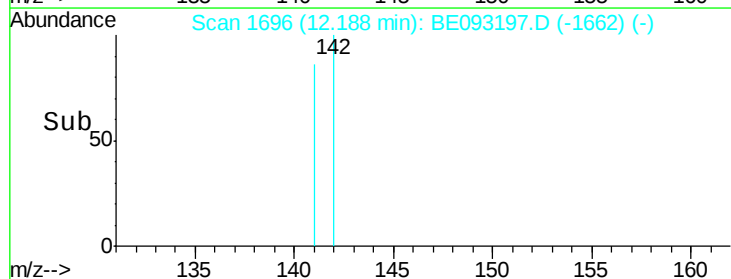
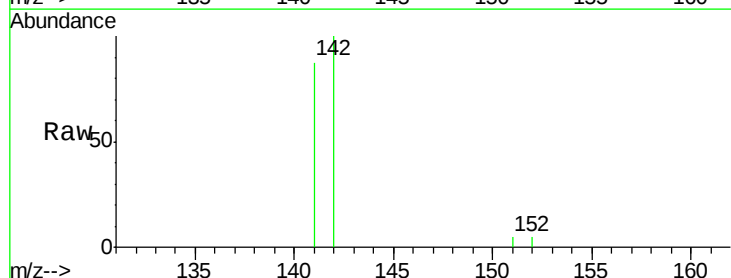
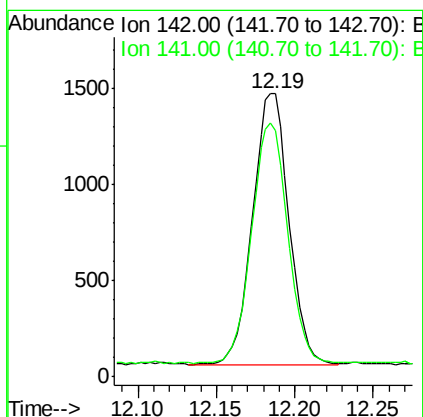
RT: 12.19 min Scan# 1696

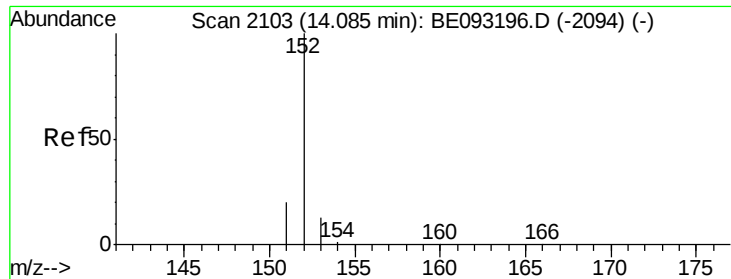
Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	142	Resp:	2259
Ion Ratio	Lower	Upper	
142	100		
141	89.0	72.6	108.8





#7

Acenaphthylene

Concen: 0.672 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

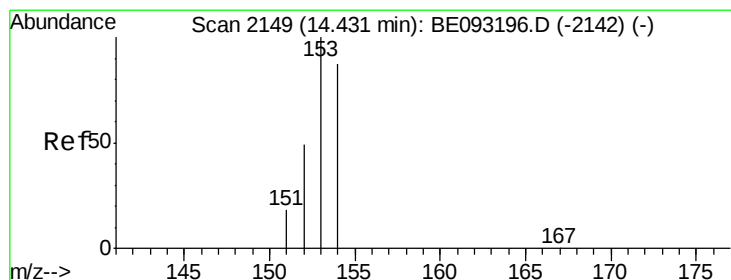
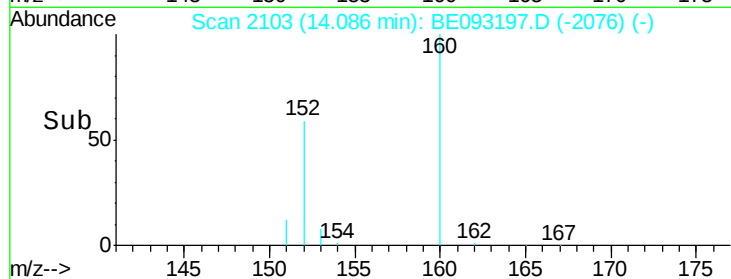
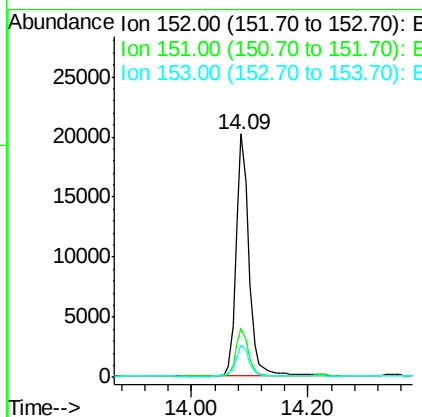
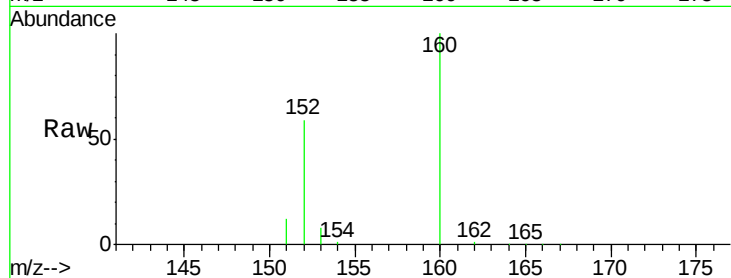
ClientSampleId :

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Tgt Ion:	152	Resp:	31423
Ion Ratio	Lower	Upper	
152	100		
151	20.1	17.1	25.7
153	13.3	12.8	19.2

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#8

Acenaphthene

Concen: 0.037 ng/ul

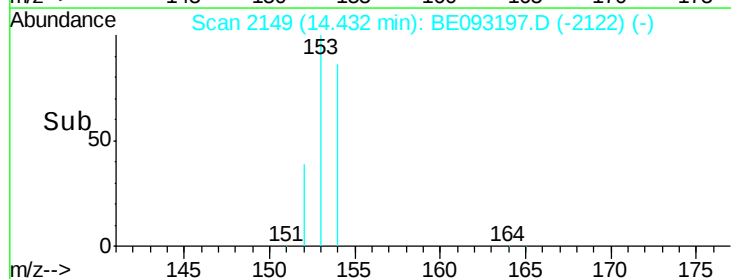
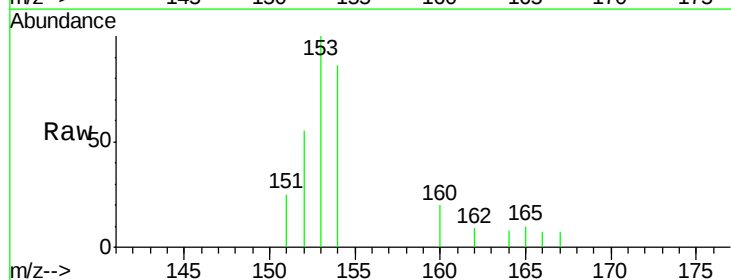
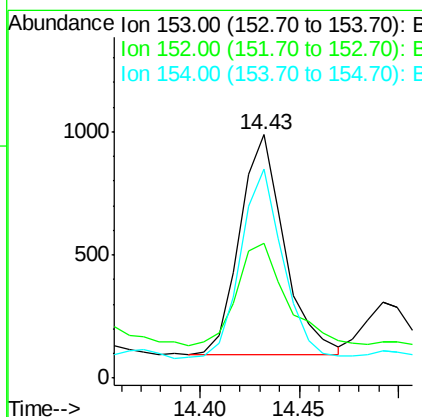
RT: 14.43 min Scan# 2149

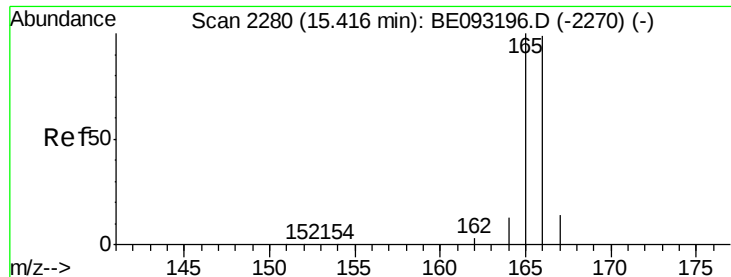
Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	153	Resp:	1393
Ion Ratio	Lower	Upper	
153	100		
152	55.4	40.3	60.5
154	85.9	71.4	107.2





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

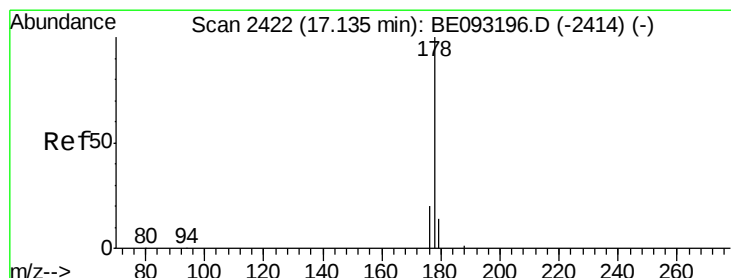
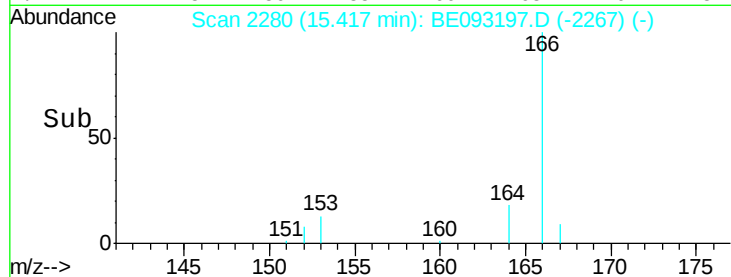
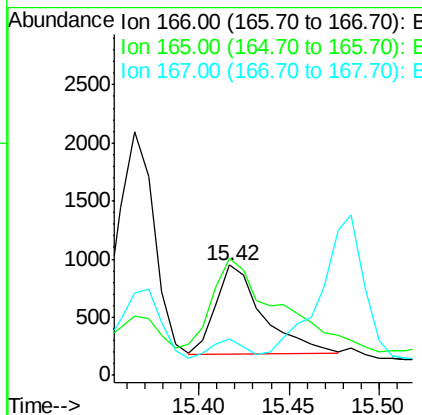
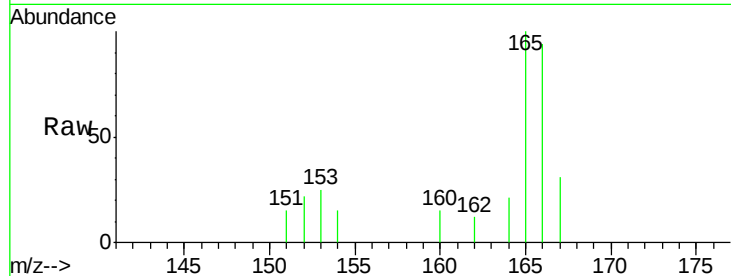
ClientSampled :

F5D54

Tgt Ion:	166	Resp:	1376
Ion Ratio	Lower	Upper	
166	100		
165	106.0	73.4	110.2
167	33.0	14.6	22.0

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#12

Phenanthrene

Concen: 0.462 ng/ul

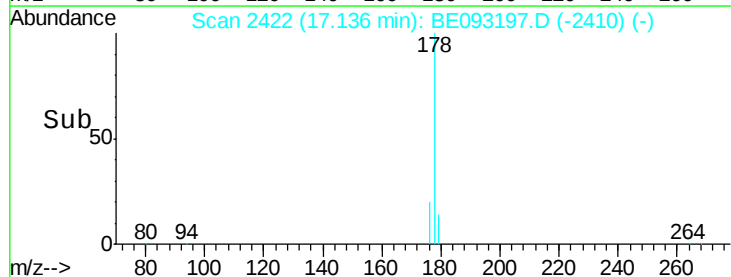
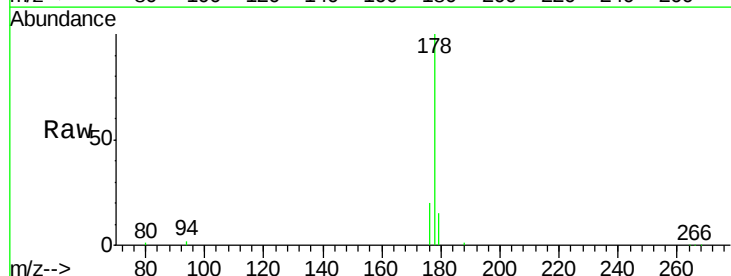
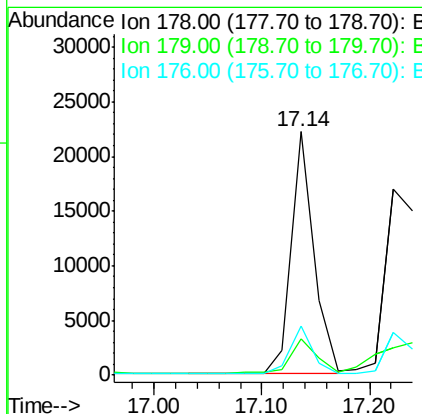
RT: 17.14 min Scan# 2422

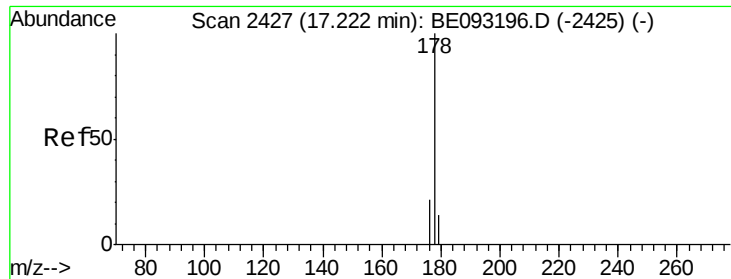
Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	178	Resp:	32375
Ion Ratio	Lower	Upper	
178	100		
179	15.0	18.4	27.6
176	20.1	13.6	20.4





#13

Anthracene

Concen: 0.595 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

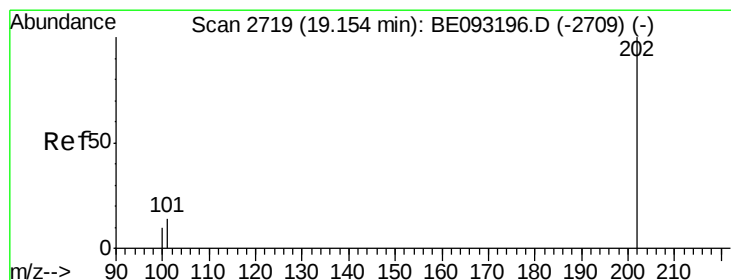
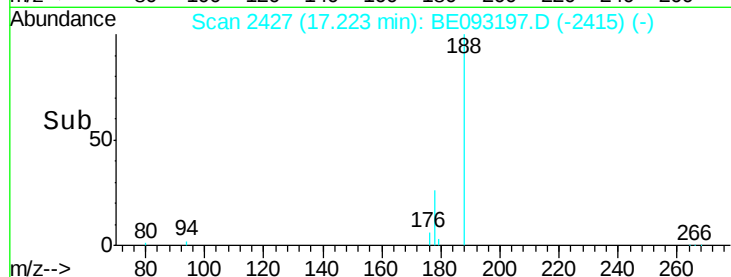
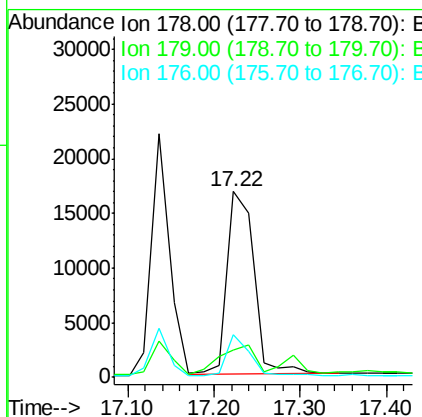
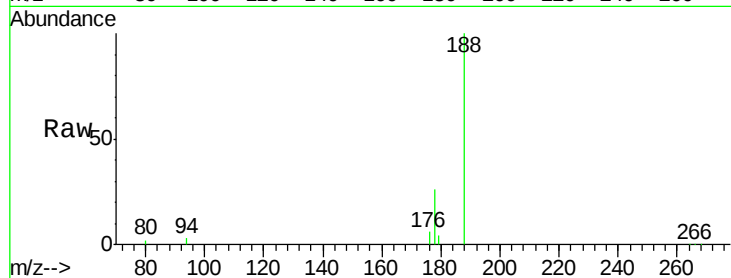
ClientSampleId :

F5D54

Tgt Ion:	178	Resp:	36290
Ion Ratio	Lower	Upper	
178	100		
179	14.6	18.1	27.1#
176	23.1	14.7	22.1#

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#15

Fluoranthene

Concen: 3.160 ng/ul

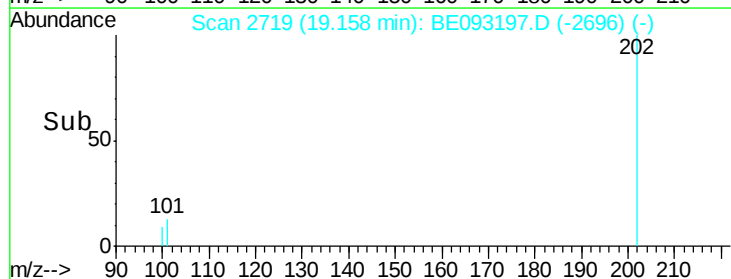
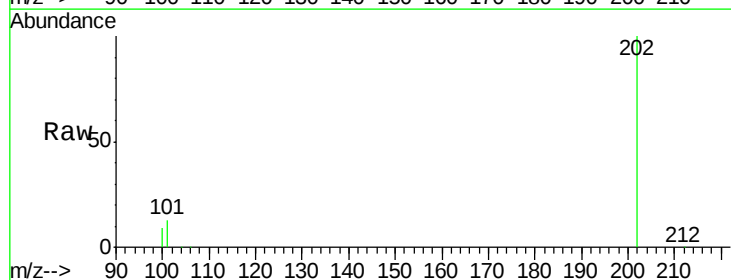
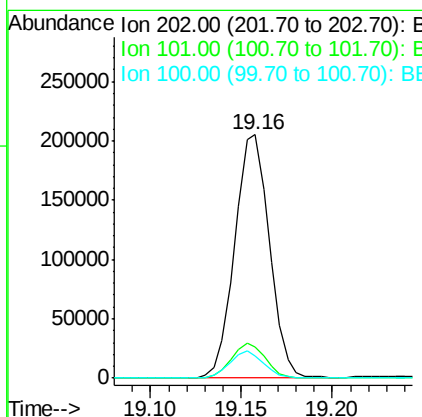
RT: 19.16 min Scan# 2719

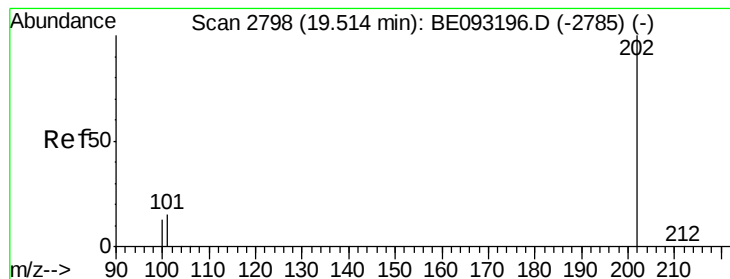
Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	202	Resp:	271286
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	30.3
100	9.4	0.0	39.5





#17

Pyrene

Concen: 4.957 ng/ul

RT: 19.52 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

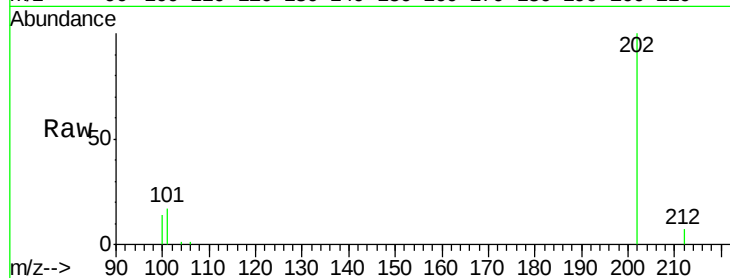
ClientSampleId :

F5D54

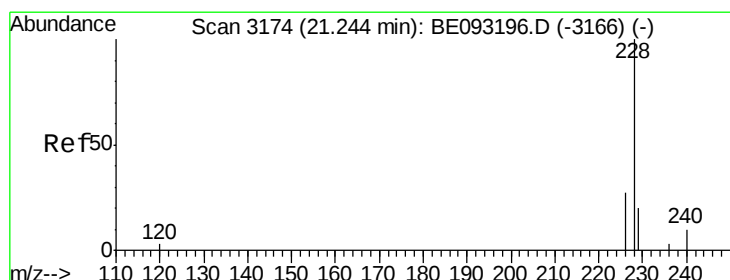
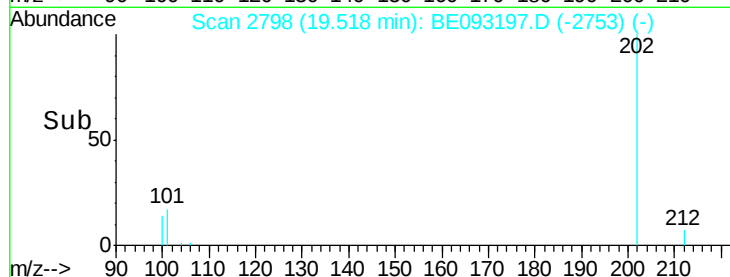
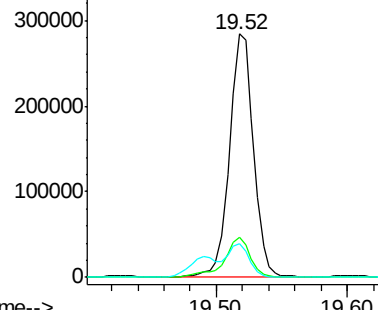
Tgt Ion:	202	Resp:	359799
Ion Ratio	Lower	Upper	
202	100		
101	16.7	18.2	27.4#
100	13.8	15.6	23.4#

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 2.723 ng/ul

RT: 21.24 min Scan# 3174

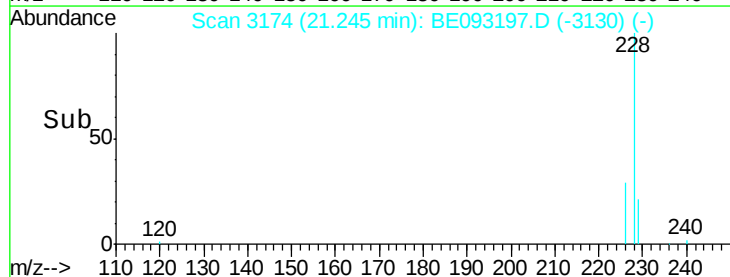
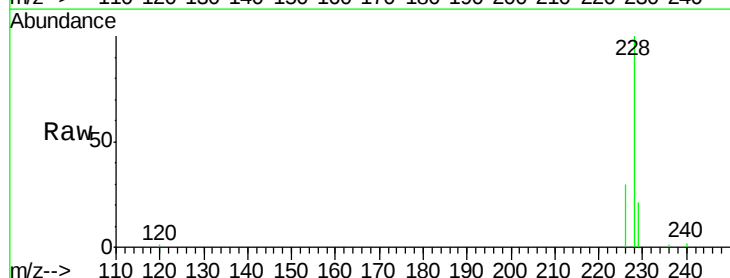
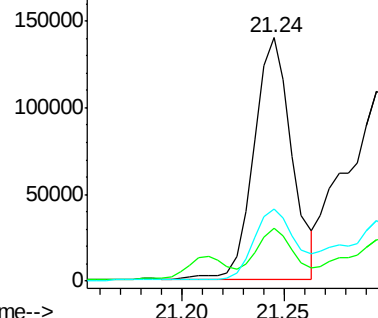
Delta R.T. 0.00 min

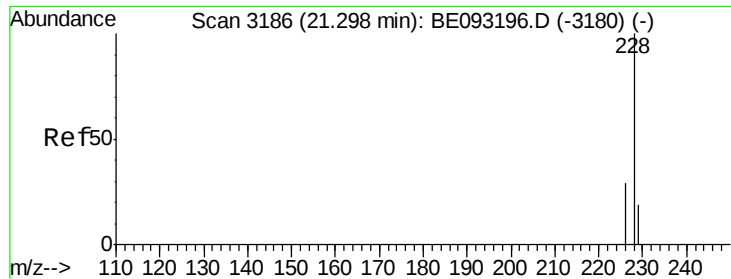
Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	228	Resp:	178796
Ion Ratio	Lower	Upper	
228	100		
229	21.5	22.8	34.2#
226	29.5	17.0	25.6#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.928 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

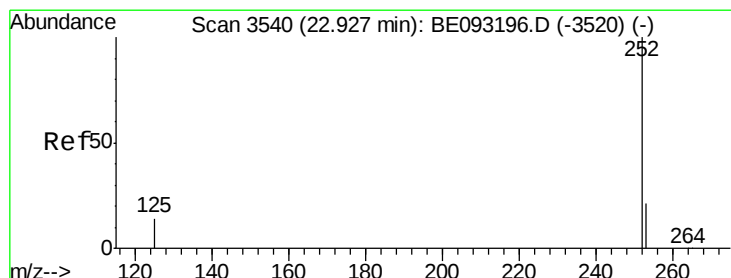
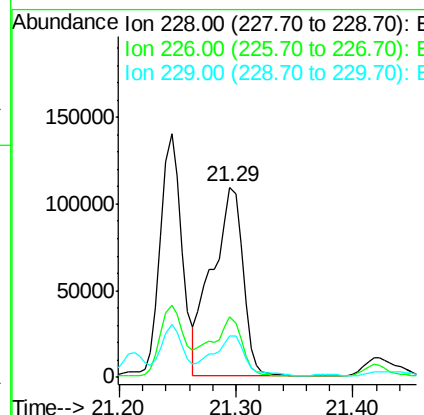
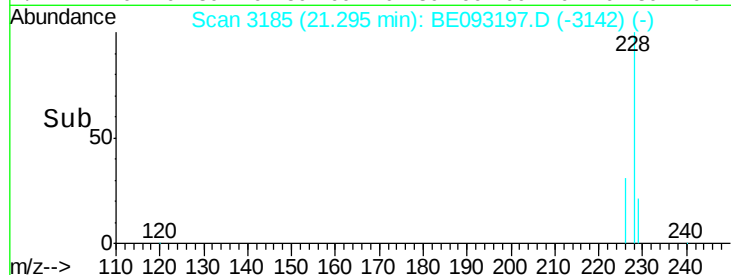
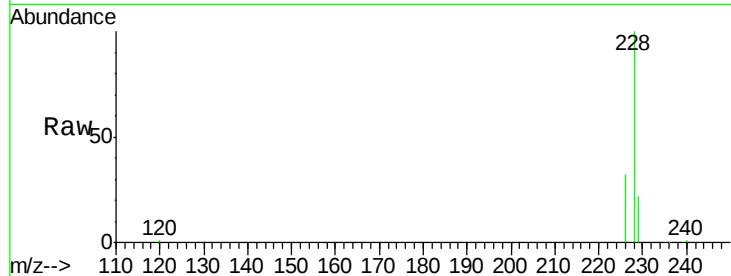
ClientSampleId :

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Tgt Ion:	228	Resp:	199428
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.4	35.0
229	22.1	17.7	26.5

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#21

Benzo(b)fluoranthene

Concen: 6.537 ng/ul

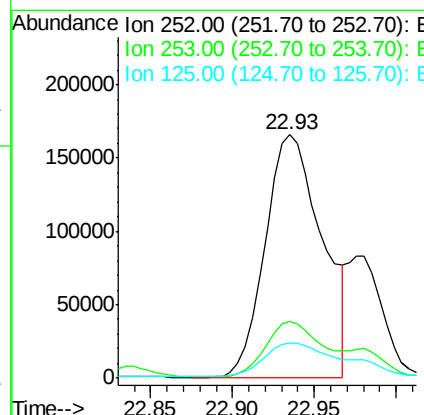
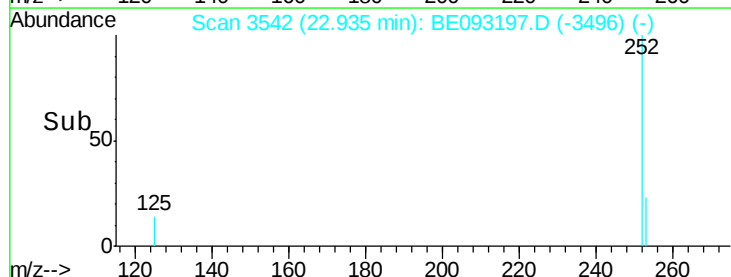
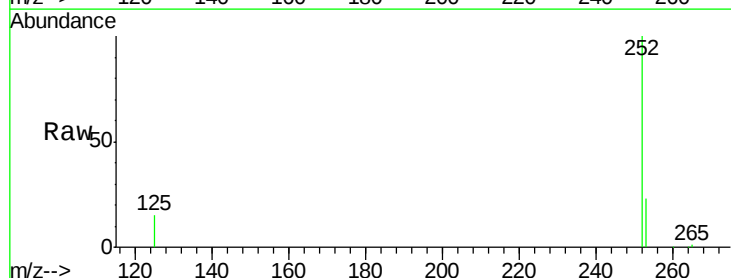
RT: 22.93 min Scan# 3542

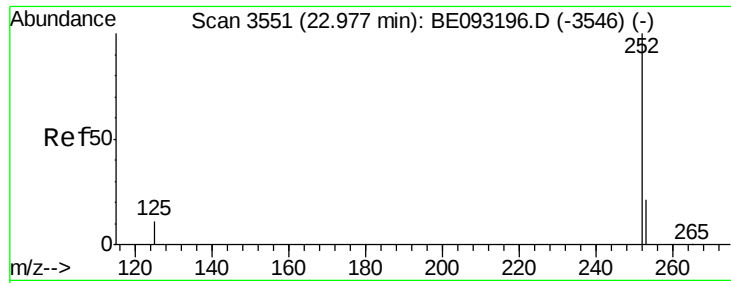
Delta R.T. 0.01 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion:	252	Resp:	400451
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	64.2
125	14.6	0.0	35.0





#22

Benzo(k)fluoranthene

Concen: 1.852 ng/ul m

RT: 22.98 min Scan# 3552

Delta R.T. 0.00 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Instrument :

BNA_E

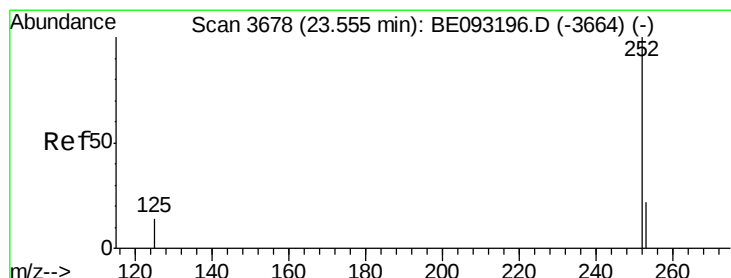
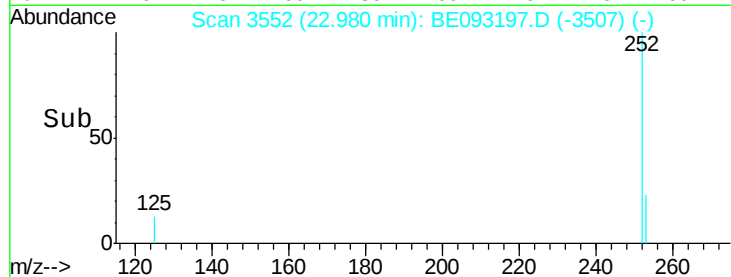
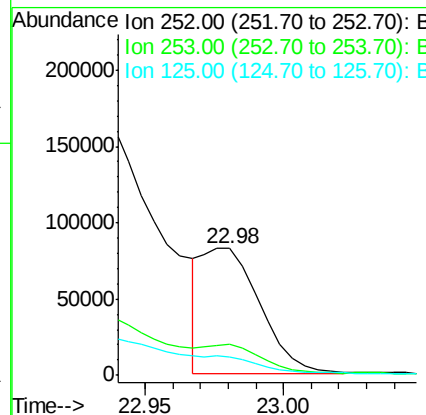
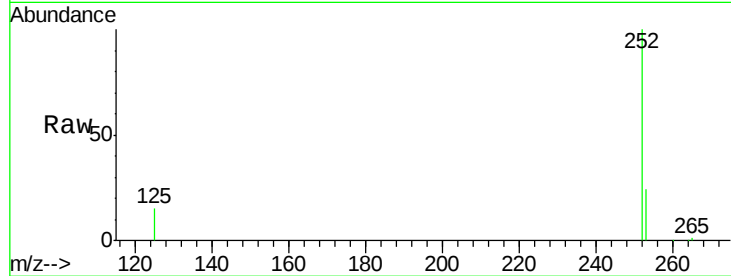
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	14.8	13.7	20.5

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#23

Benzo(a)pyrene

Concen: 3.686 ng/ul m

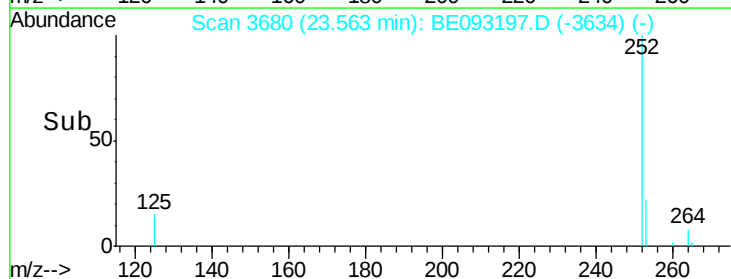
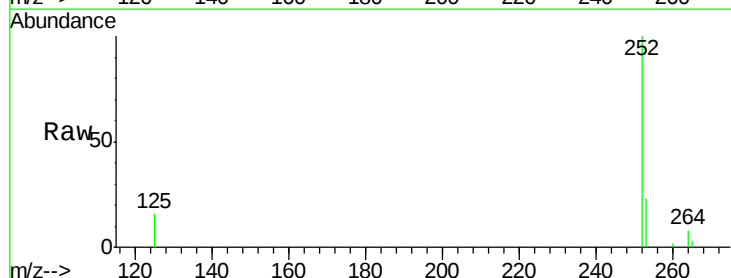
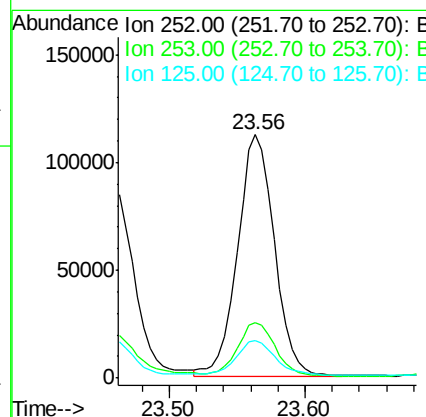
RT: 23.56 min Scan# 3680

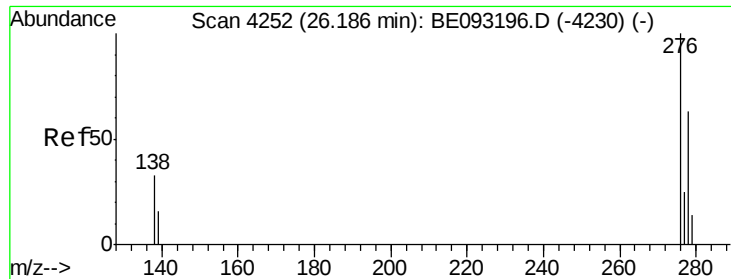
Delta R.T. 0.01 min

Lab File: BE093197.D

Acq: 15 Jun 2017 8:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	15.7	18.1	27.1#





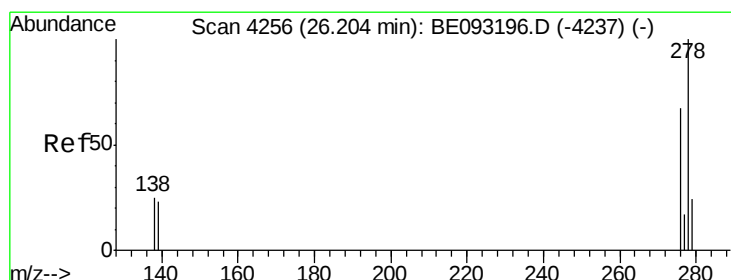
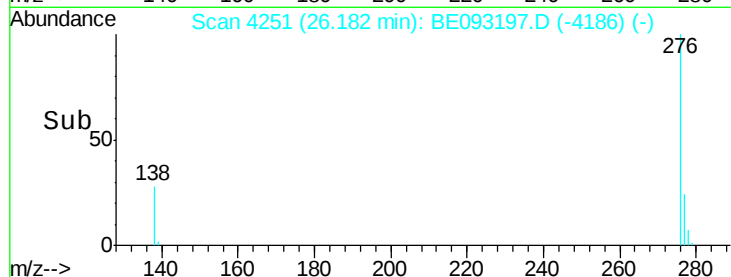
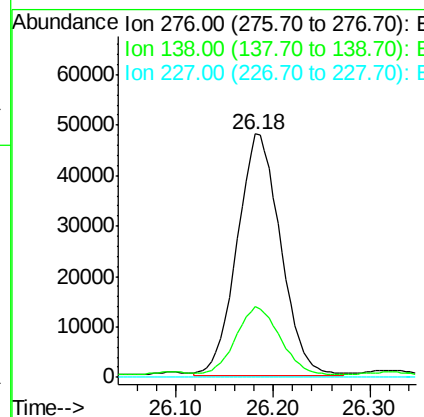
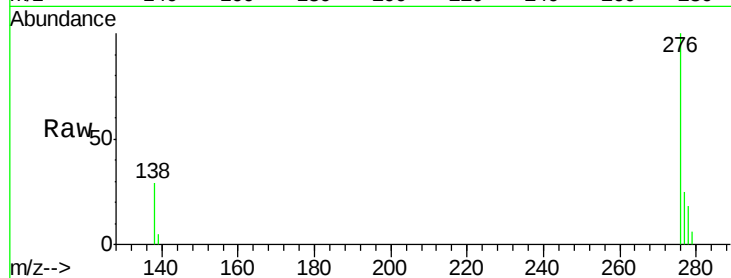
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.210 ng/ul m
 RT: 26.18 min Scan# 4251
 Delta R.T. -0.00 min
 Lab File: BE093197.D
 Acq: 15 Jun 2017 8:02

Instrument :
 BNA_E
 ClientSampleId :
 F5D54

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	3.1	28.0	42.0#
227	0.0	8.0	12.0#

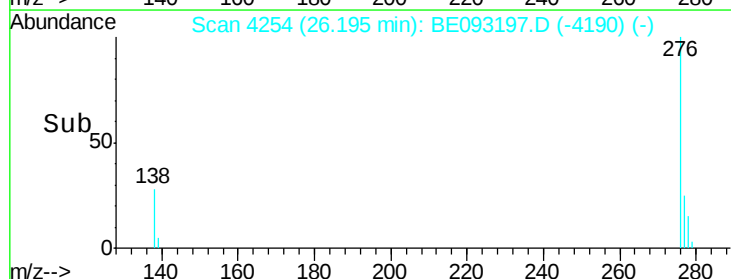
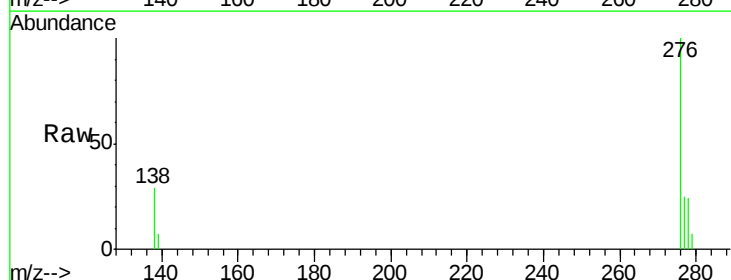
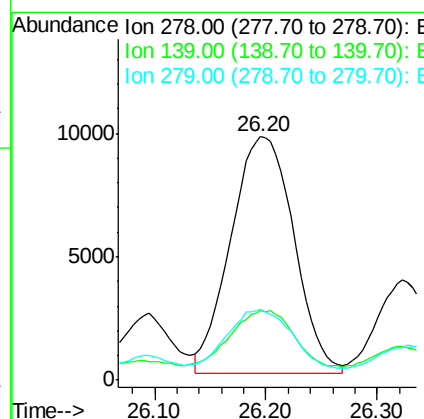
Manual Integrations
 APPROVED

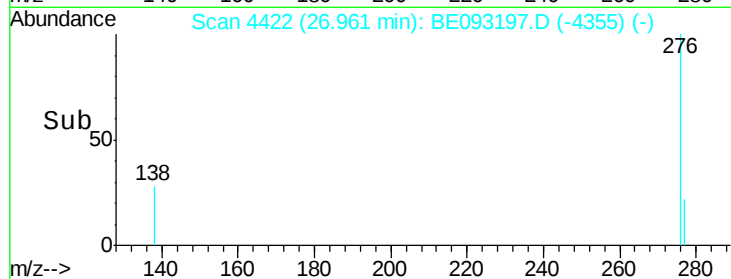
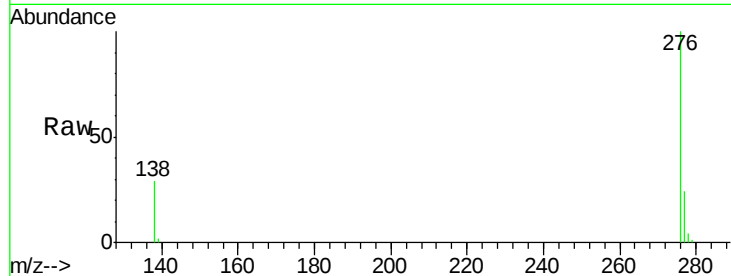
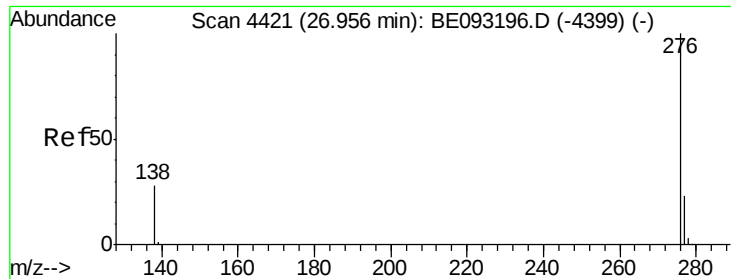
mohammad
 6/15/2017 3:54:21 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.671 ng/ul m
 RT: 26.20 min Scan# 4254
 Delta R.T. -0.01 min
 Lab File: BE093197.D
 Acq: 15 Jun 2017 8:02

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	28.6	17.4	26.0#
279	29.1	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.102 ng/ul
RT: 26.96 min Scan# 4422
Delta R.T. 0.01 min
Lab File: BE093197.D
Acq: 15 Jun 2017 8:02

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		120881		
138	29.2	21.8	32.8		
277	24.3	20.5	30.7		

Instrument :
BNA_E
ClientSampleId :
F5D54

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:21 PM

