

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
 Data File : BE093788.D
 Acq On : 14 Aug 2017 15:31
 Operator : SJ/JU
 Sample : I4504-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:43:16 PM

Quant Time: Aug 14 18:51:14 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2493	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12966	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11612	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17668	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	17462	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	19722	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3714	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	9330m	0.17	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.75	128	95928	3.041	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	228086	9.914	ng/ul	99
7) Acenaphthylene	14.24	152	21893	0.451	ng/ul#	60
8) Acenaphthene	14.59	153	40856	1.069	ng/ul	97
9) Fluorene	15.58	166	196062	4.059	ng/ul	95
12) Phenanthrene	17.29	178	393318	8.174	ng/ul#	89
13) Anthracene	17.39	178	123036	2.625	ng/ul#	93
15) Fluoranthene	19.31	202	139302	2.315	ng/ul	83
17) Pyrene	19.67	202	222161	4.359	ng/ul#	86
18) Benzo(a)anthracene	21.40	228	66014	1.304	ng/ul#	71
19) Chrysene	21.45	228	62114	1.279	ng/ul#	72
21) Benzo(b)fluoranthene	23.16	252	28586m	0.469	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	8875m	0.148	ng/ul	
23) Benzo(a)pyrene	23.81	252	34380	0.592	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.57	276	12133	0.189	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.58	278	2810	0.052	ng/ul#	1
26) Benzo(g,h,i)perylene	27.39	276	10065	0.186	ng/ul#	63

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

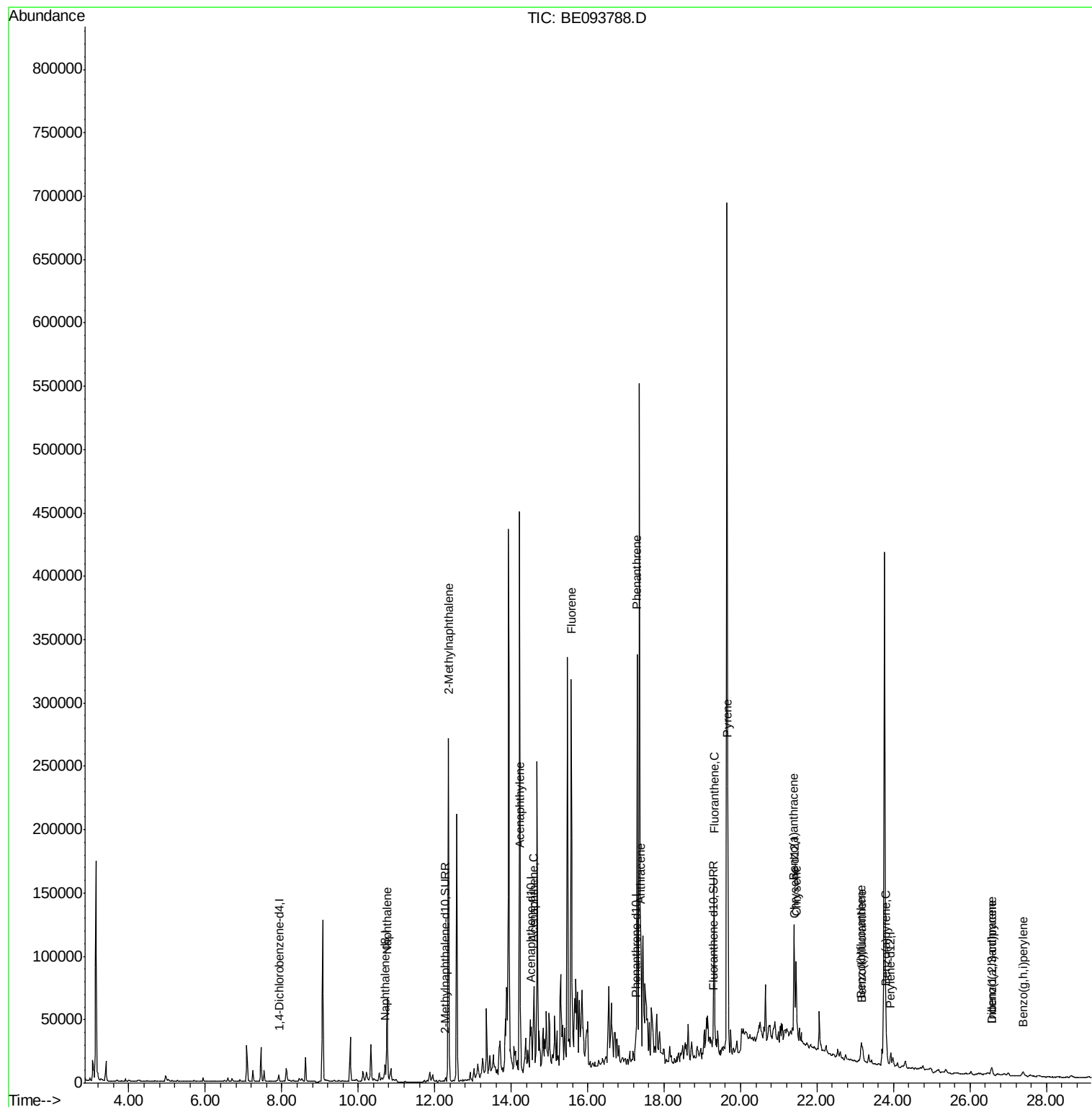
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081417\
Data File : BE093788.D
Acq On : 14 Aug 2017 15:31
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Sample : I4504-18
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ALS Vial : 7 Sample Multiplier: 1

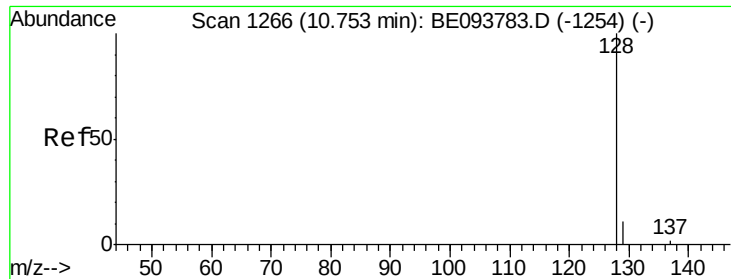
Instrument :
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#3

Naphthalene

Concen: 3.041 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Instrument :

BNA_E

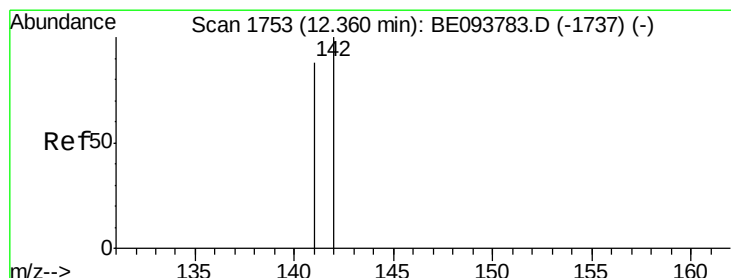
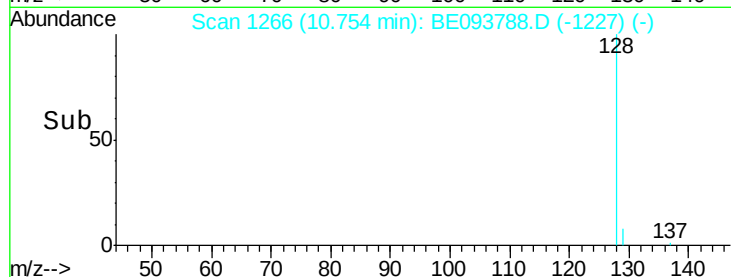
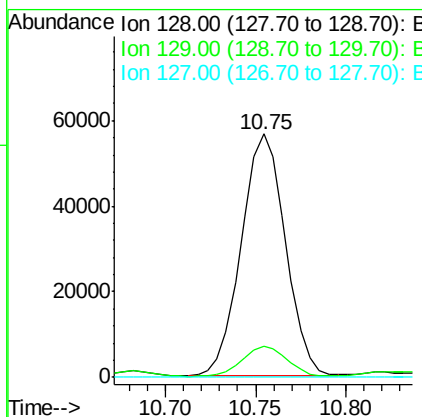
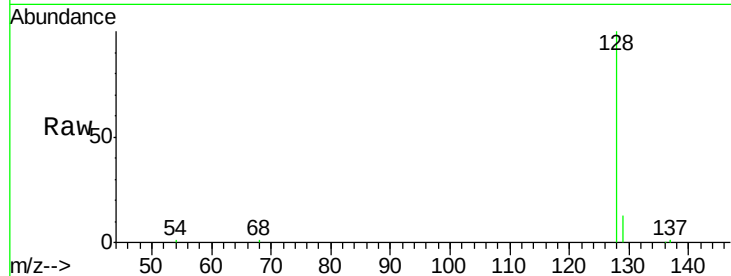
ClientSampleId :

C0AA9

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	11.3	16.9
127	0.0	4.0	6.0

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#5

2-Methylnaphthalene

Concen: 9.914 ng/ul

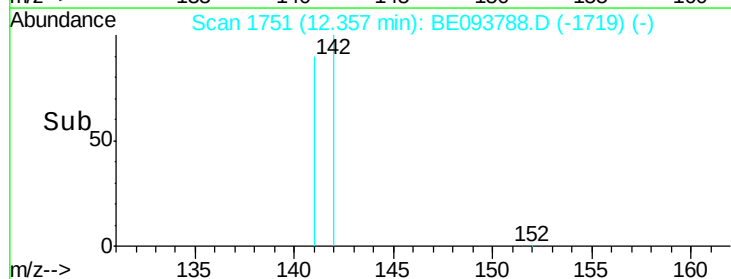
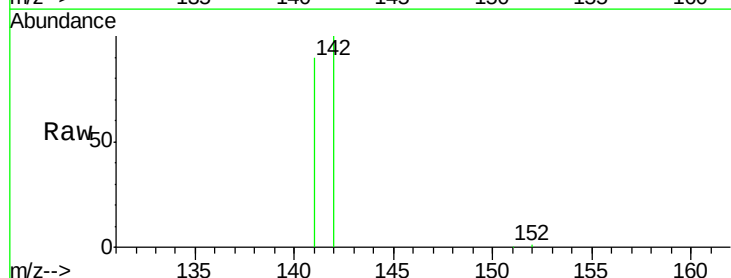
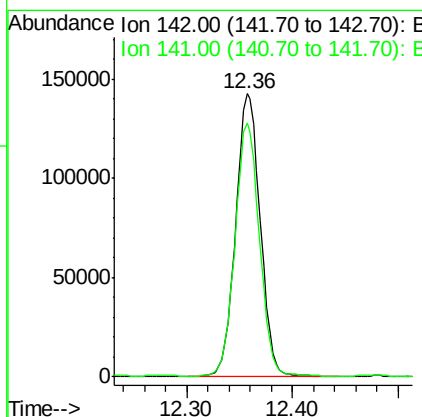
RT: 12.36 min Scan# 1751

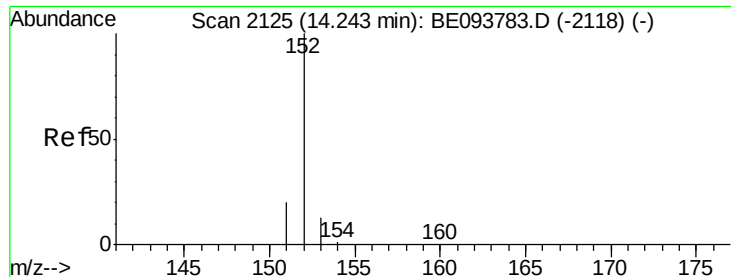
Delta R.T. -0.00 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8





#7

Acenaphthylene

Concen: 0.451 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Instrument :

BNA_E

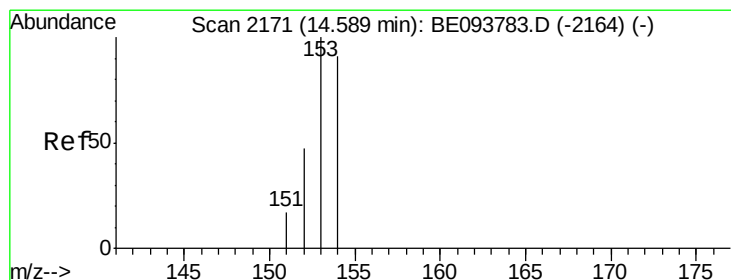
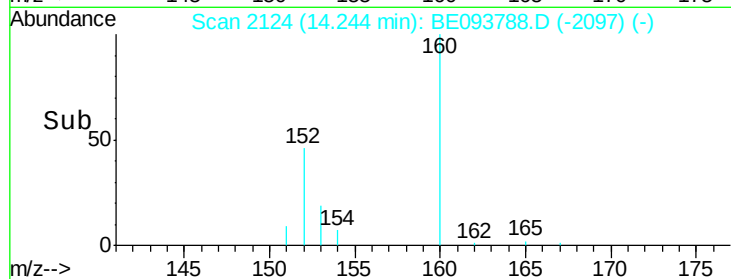
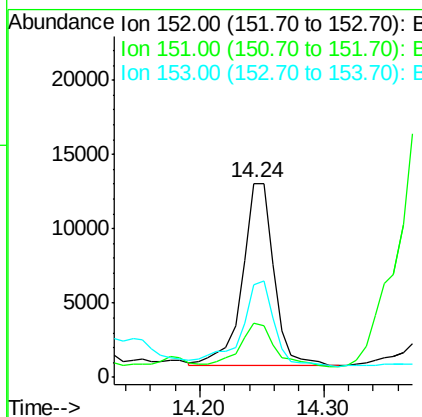
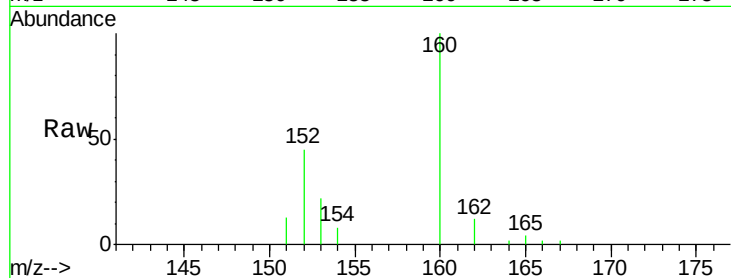
ClientSampleId :

C0AA9

Tgt Ion:	152	Resp:	21893
Ion Ratio	Lower	Upper	
152	100		
151	28.1	17.1	25.7#
153	47.5	12.8	19.2#

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#8

Acenaphthene

Concen: 1.069 ng/ul

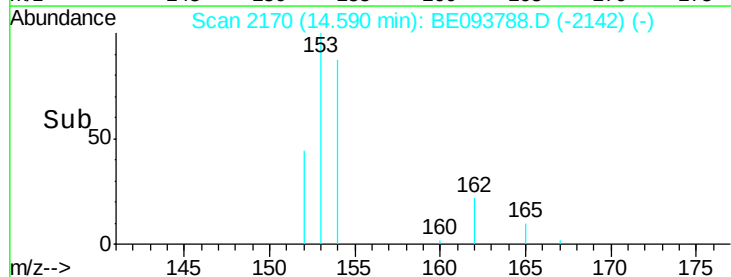
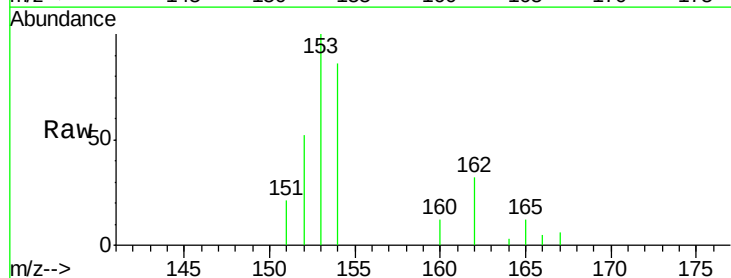
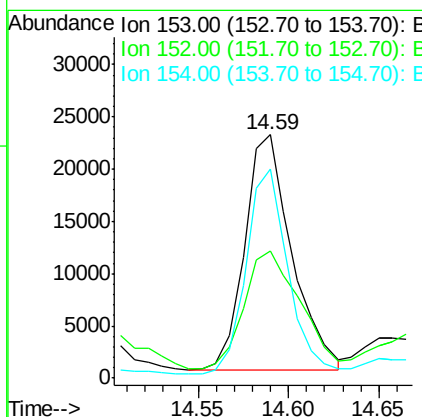
RT: 14.59 min Scan# 2170

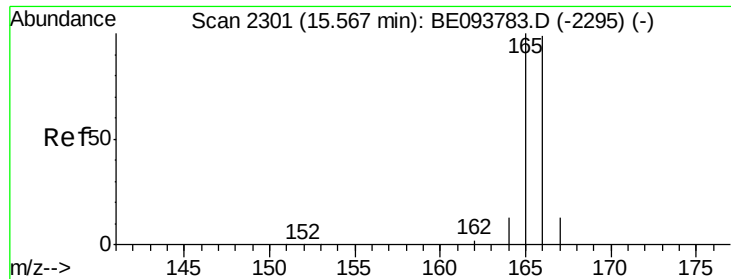
Delta R.T. 0.01 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Tgt Ion:	153	Resp:	40856
Ion Ratio	Lower	Upper	
153	100		
152	52.1	40.3	60.5
154	85.8	71.4	107.2





#9

Fluorene

Concen: 4.059 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Instrument :

BNA_E

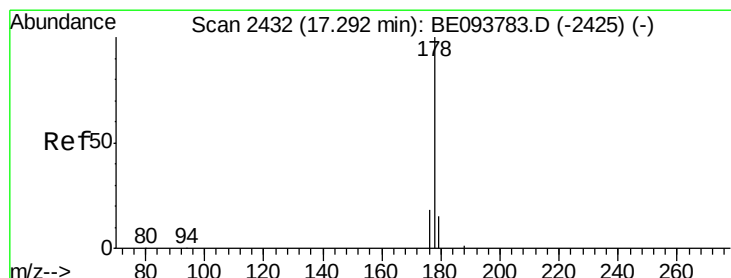
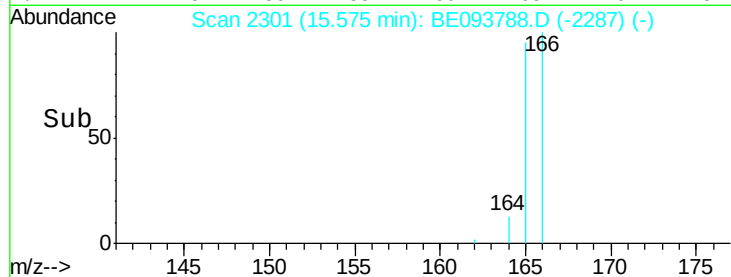
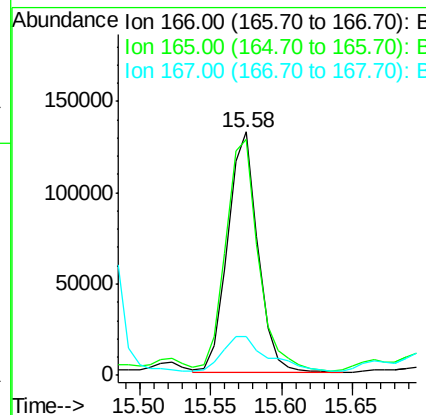
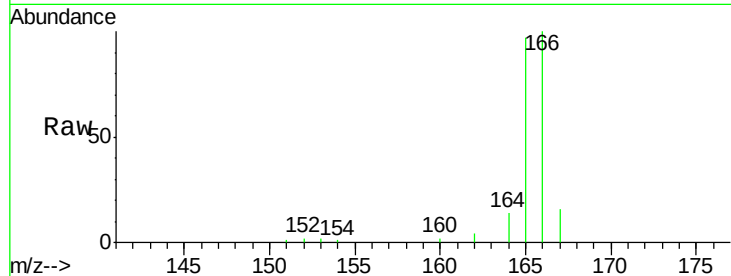
ClientSampleId :

C0AA9

Tgt Ion:	166	Resp:	196062
Ion Ratio	Lower	Upper	
166	100		
165	97.0	73.4	110.2
167	15.9	14.6	22.0

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#12

Phenanthrene

Concen: 8.174 ng/ul

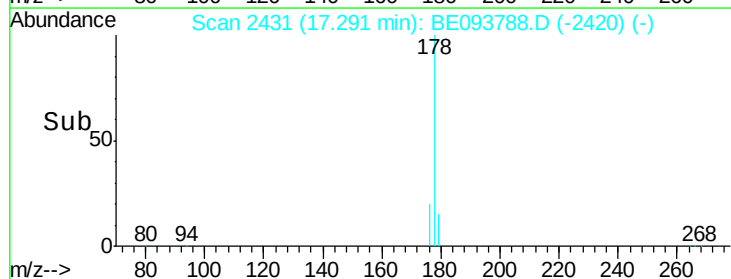
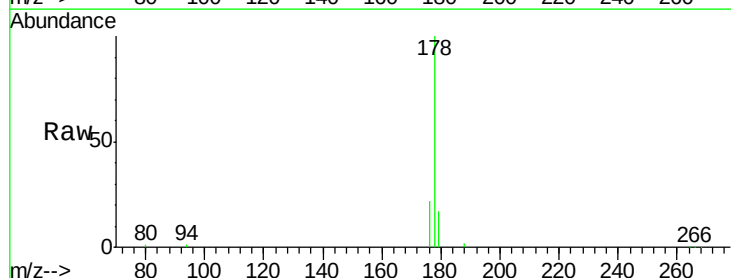
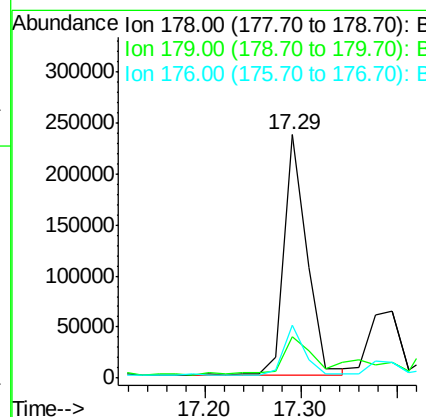
RT: 17.29 min Scan# 2431

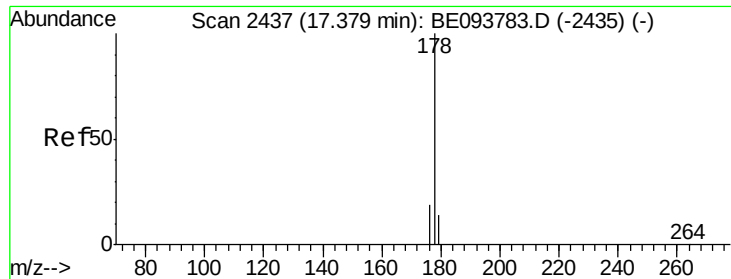
Delta R.T. -0.00 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Tgt Ion:	178	Resp:	393318
Ion Ratio	Lower	Upper	
178	100		
179	17.2	18.4	27.6#
176	21.6	13.6	20.4#





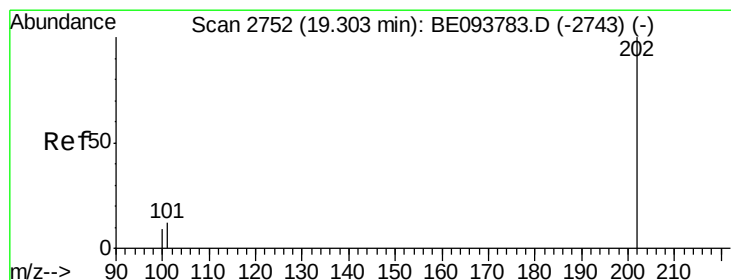
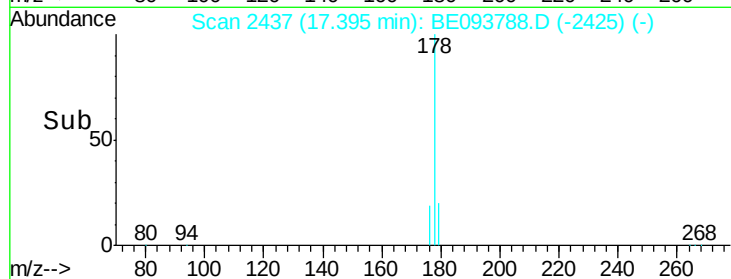
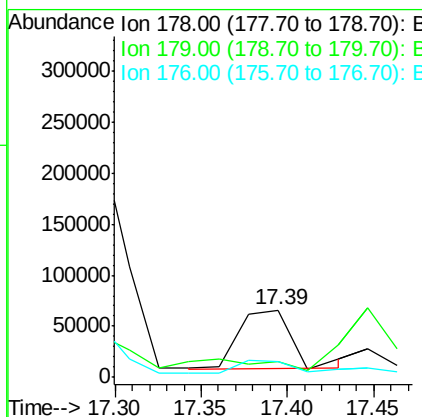
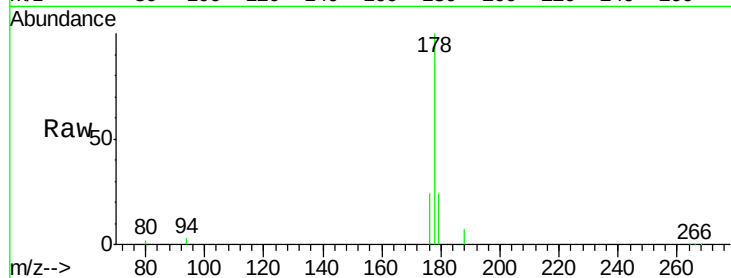
#13
 Anthracene
 Concen: 2.625 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.02 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	23.5	18.1	27.1
176	23.8	14.7	22.1

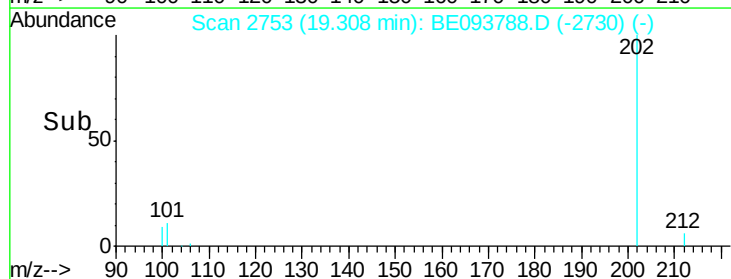
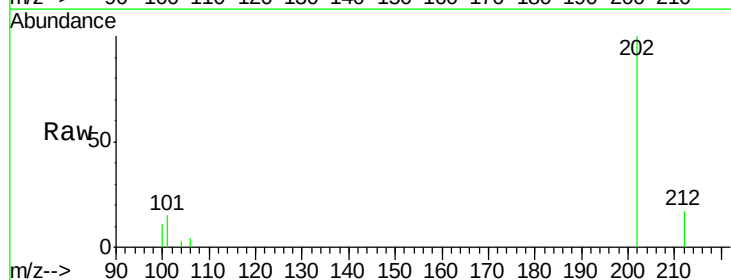
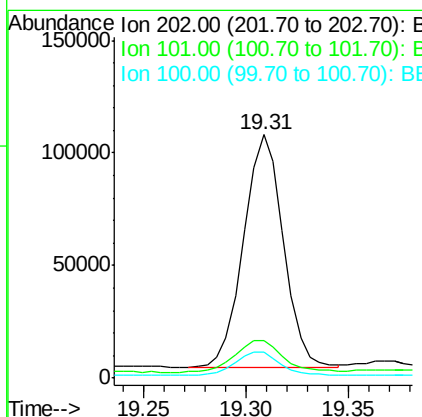
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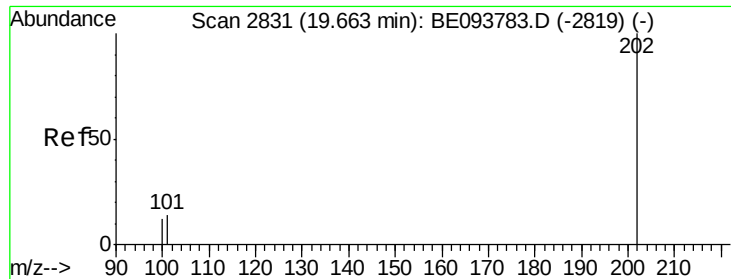
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#15
 Fluoranthene
 Concen: 2.315 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	30.3
100	10.7	0.0	39.5





#17

Pyrene

Concen: 4.359 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Instrument :

BNA_E

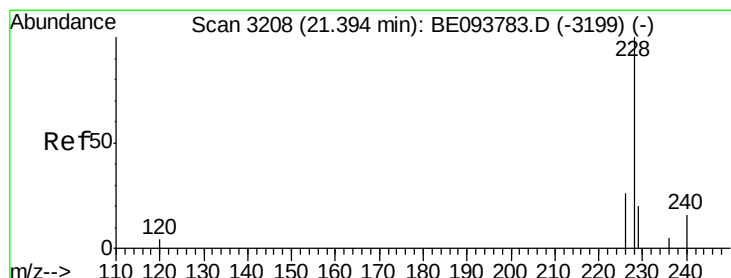
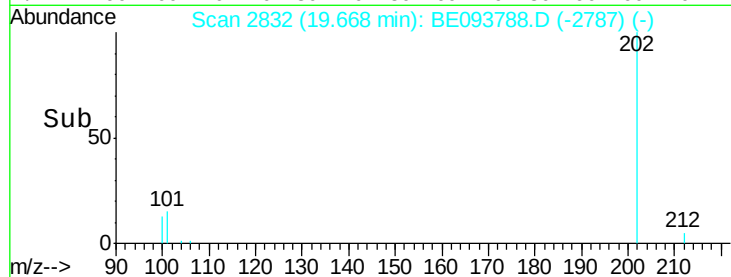
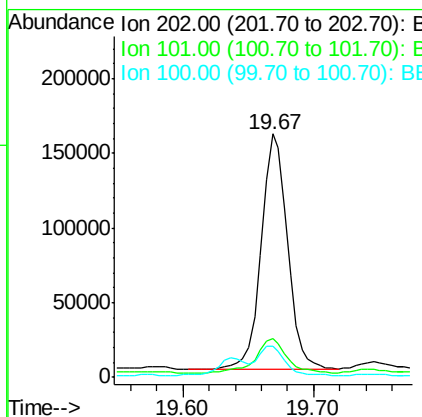
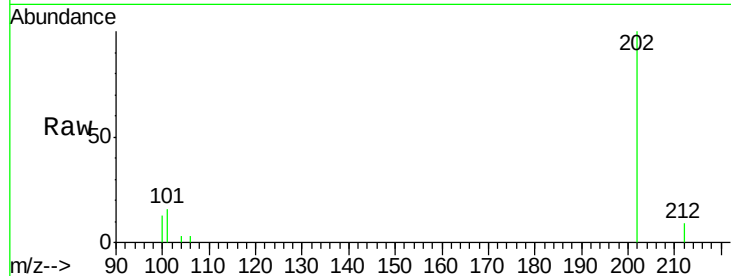
ClientSampleId :

C0AA9

Tgt Ion:	202	Resp:	222161
Ion Ratio	Lower	Upper	
202	100		
101	15.8	18.2	27.4#
100	12.9	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 1.304 ng/ul

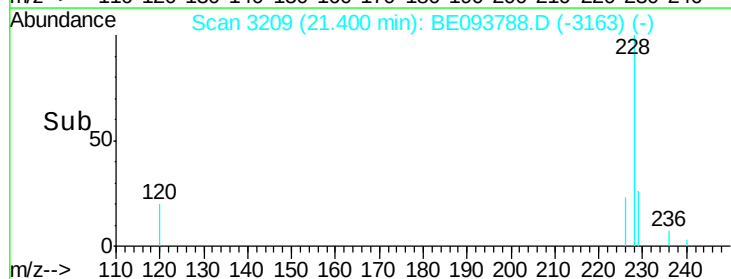
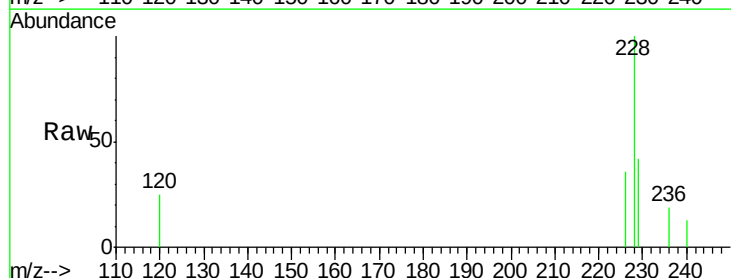
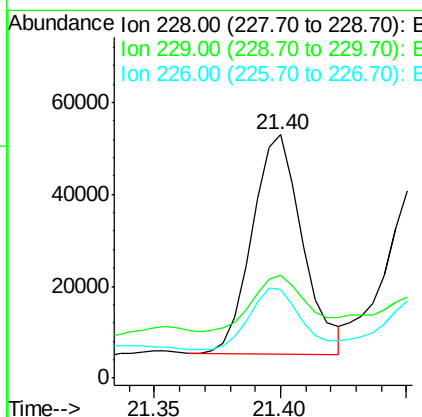
RT: 21.40 min Scan# 3209

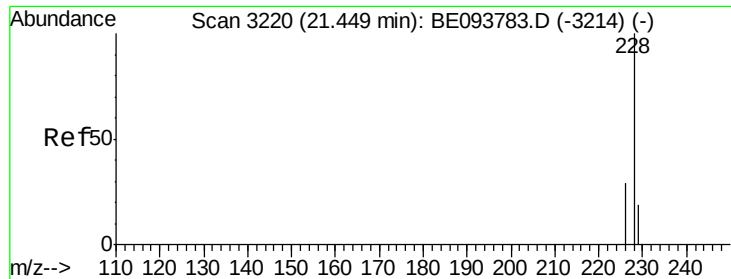
Delta R.T. 0.01 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Tgt Ion:	228	Resp:	66014
Ion Ratio	Lower	Upper	
228	100		
229	42.3	22.8	34.2#
226	36.4	17.0	25.6#



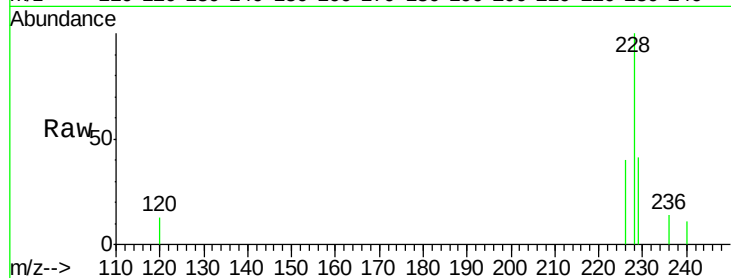


#19

Chrysene

Concen: 1.279 ng/ul
 RT: 21.45 min Scan# 3221
 Delta R.T. 0.01 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31

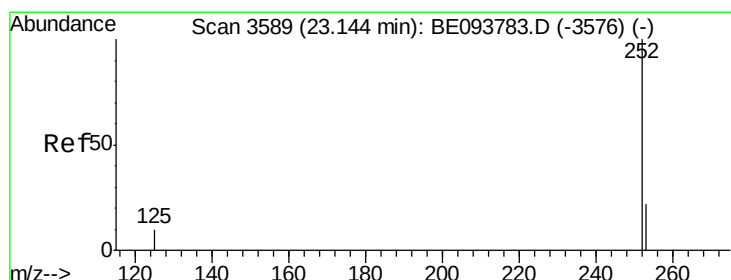
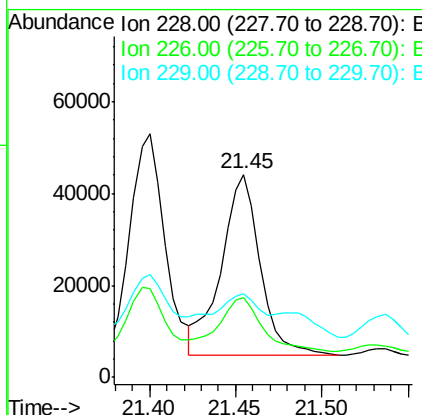
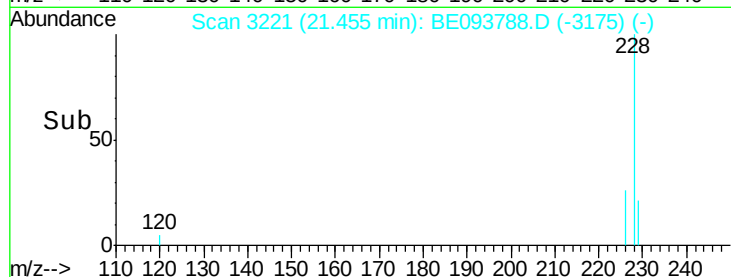
Instrument :
 BNA_E
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 C0AA9



Tgt Ion: 228 Resp: 62114
 Ion Ratio Lower Upper
 228 100
 226 39.6 23.4 35.0#
 229 41.1 17.7 26.5#

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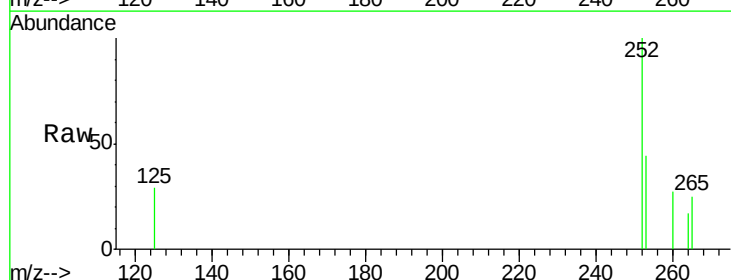
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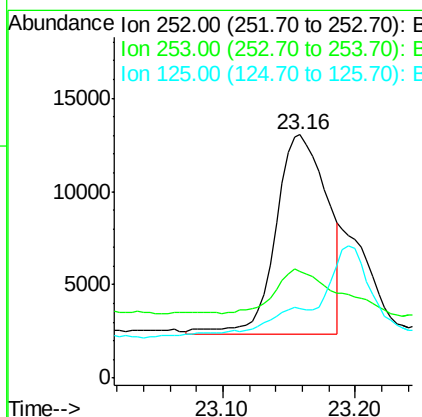
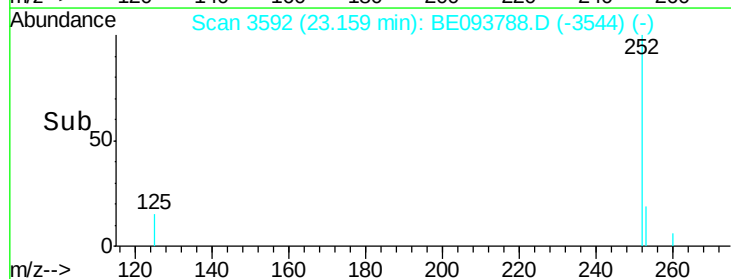
#21

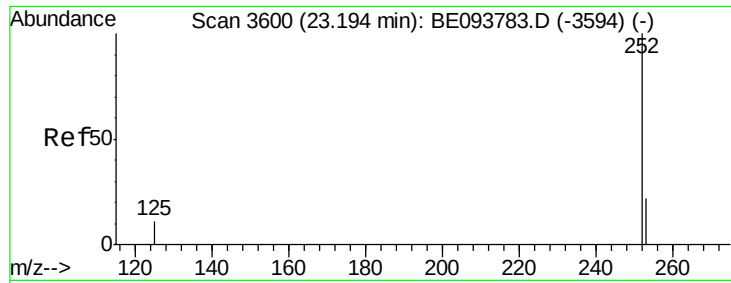
Benzo(b)fluoranthene

Concen: 0.469 ng/ul m
 RT: 23.16 min Scan# 3592
 Delta R.T. 0.02 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31



Tgt Ion: 252 Resp: 28586
 Ion Ratio Lower Upper
 252 100
 253 43.6 0.0 64.2
 125 28.8 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.148 ng/ul m

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Instrument :

BNA_E

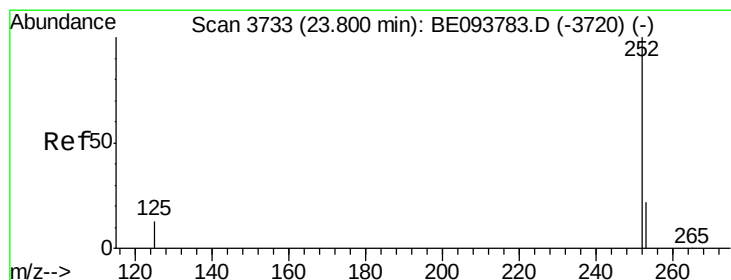
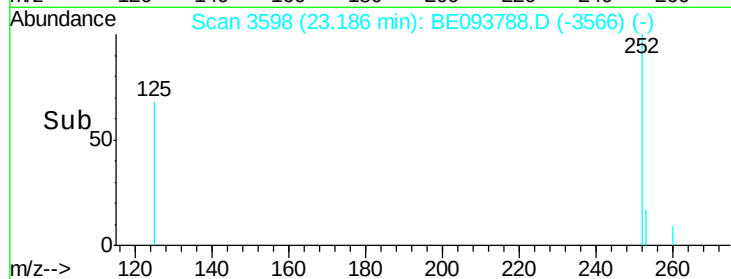
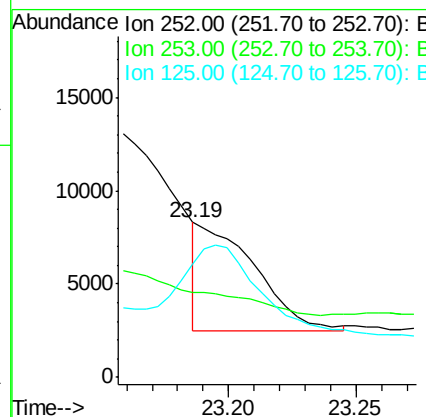
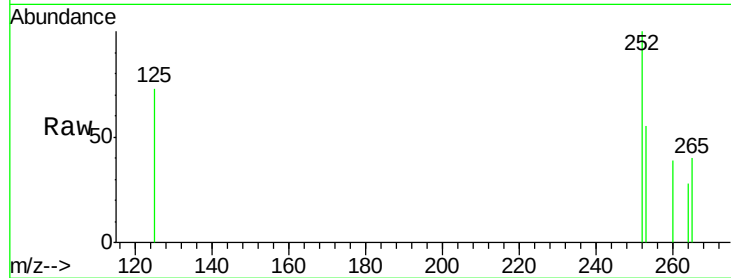
ClientSampleId :

C0AA9

Tgt Ion:	252	Resp:	8875
Ion Ratio	Lower	Upper	
252	100		
253	54.5	24.5	36.7#
125	72.6	13.7	20.5#

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#23

Benzo(a)pyrene

Concen: 0.592 ng/ul

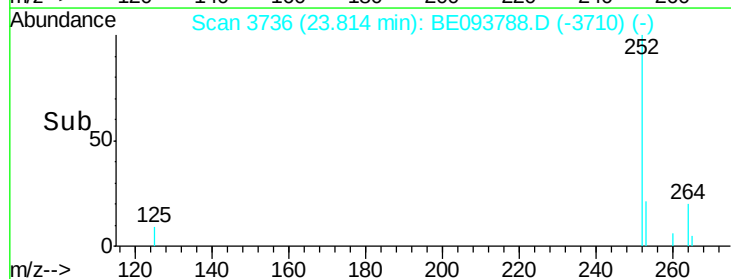
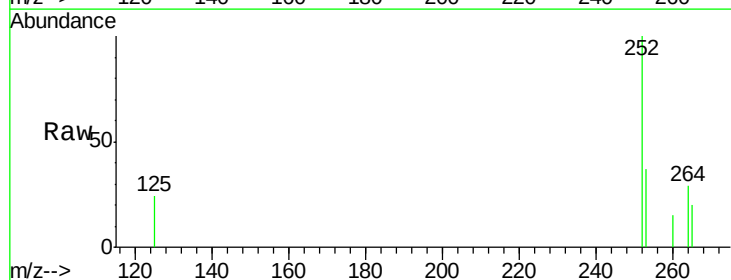
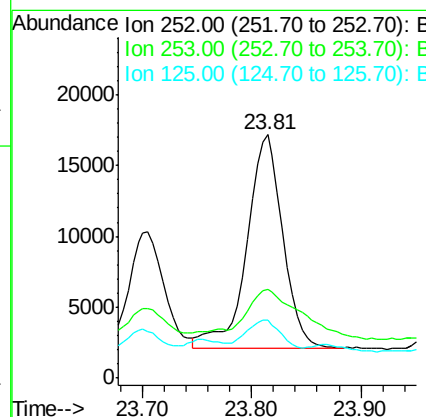
RT: 23.81 min Scan# 3736

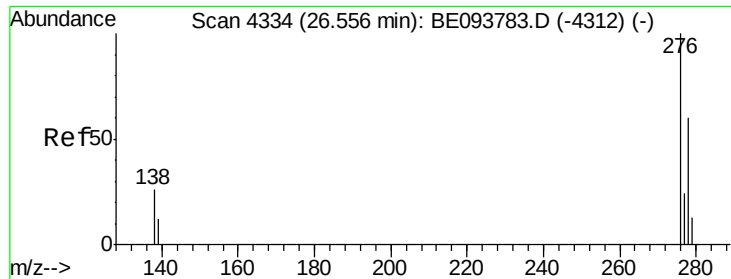
Delta R.T. 0.02 min

Lab File: BE093788.D

Acq: 14 Aug 2017 15:31

Tgt Ion:	252	Resp:	34380
Ion Ratio	Lower	Upper	
252	100		
253	36.7	28.5	42.7
125	23.6	18.1	27.1





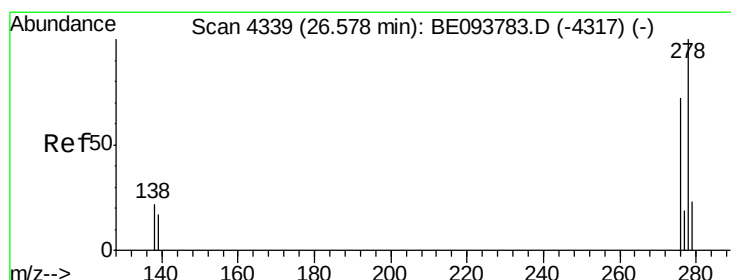
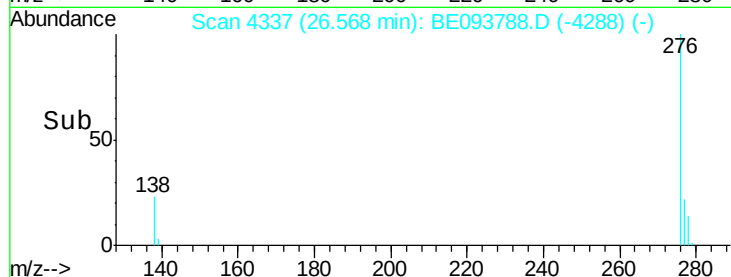
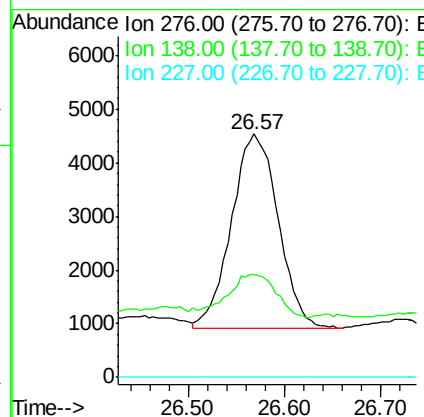
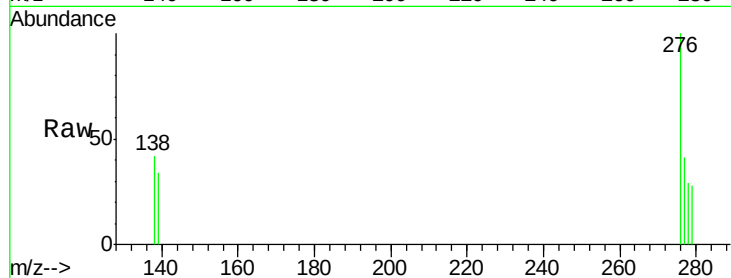
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.189 ng/ul
 RT: 26.57 min Scan# 4337
 Delta R.T. 0.02 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31

Instrument :
 BNA_E
 ClientSampleId :
 C0AA9

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	12133		
138	24.4	28.0	42.0#	
227	0.0	8.0	12.0#	

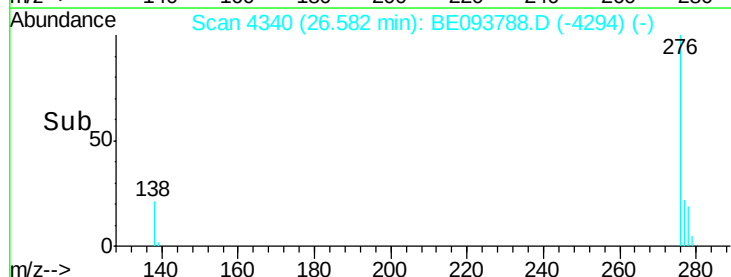
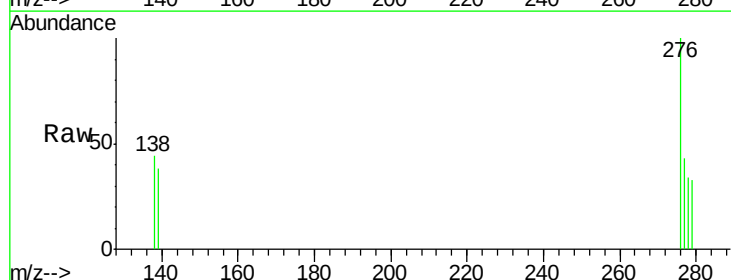
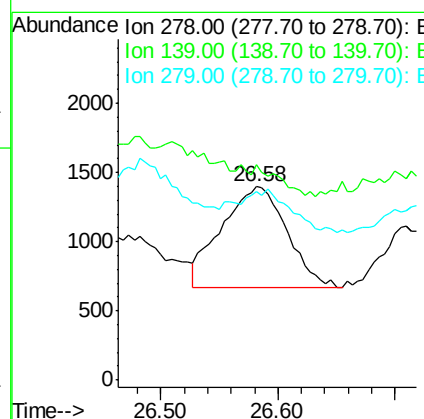
Manual Integrations
 APPROVED

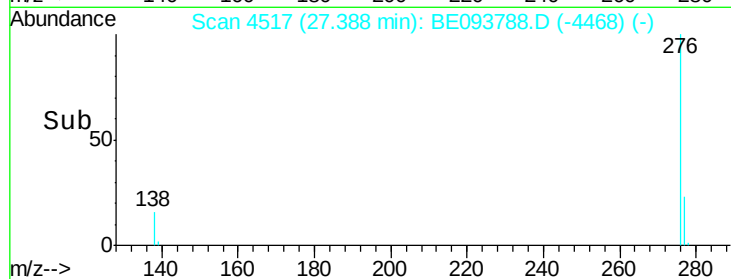
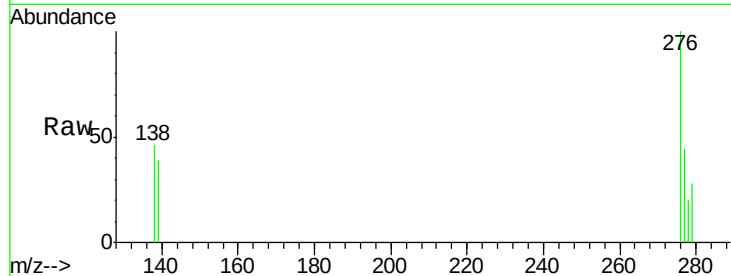
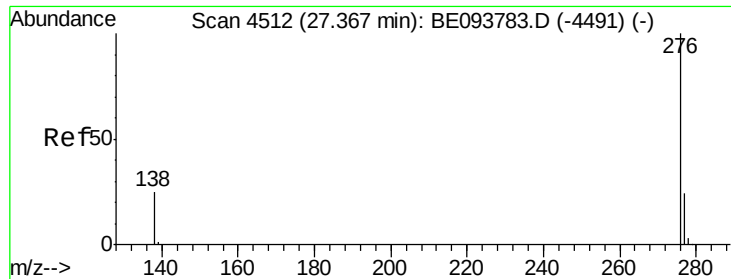
Sohil
 8/15/2017 6:43:16 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 26.58 min Scan# 4340
 Delta R.T. 0.01 min
 Lab File: BE093788.D
 Acq: 14 Aug 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	2810		
139	111.3	17.4	26.0#	
279	97.4	25.9	38.9#	





#26
Benzo(g,h,i)perylene
Concen: 0.186 ng/ul
RT: 27.39 min Scan# 4517
Delta R.T. 0.02 min
Lab File: BE093788.D
Acq: 14 Aug 2017 15:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.3	21.8	32.8#
277	44.1	20.5	30.7#

Instrument :
BNA_E
ClientSampleId :
C0AA9

Manual Integrations
APPROVED

Sohil
8/15/2017 6:43:16 PM

